2008

PRODUCT CATALOGUE

GREGG DISTRIBUTORS LTD.

Gregg Distributors Edmonton Staff, November 2007

Thank You

for 40 Years of Success!

In February 2008, we celebrate our 40th year in business! We are proud of this achievement and it gives us an excellent opportunity to thank you, our loyal and valued customer, for contributing to this milestone.

Originally based solely in Edmonton, over the years we have grown to 17 branches across 3 provinces. We have always firmly believed in remaining 100% Canadian.

Again, we appreciate your support and look forward to a continued relationship with you for another 40 years!

Sincerely,

Gary Gregg
President & General Manager

40 Years Ago....

Roy Gregg

The history of Gregg Distributors began in 1957, when Edmonton businessman and entrepreneur Roy Gregg started selling industrial cleaning products from the trunk of his car, and later from the family garage.

Operations were moved to a commercial facility in 1968 as the business began to grow — we became a limited company and at that point had 4 people on staff. Continuing to grow at a healthy pace, in 1983 the company was taken over by Roy Gregg's son Gary. Shortly thereafter, operations expanded as we opened our first branch in Calgary.

Today, growth is still an ever-present element in the vision for our future. In fact, it's part of our mission statement: "A Growth Opportunity For All". That is — for our customers, our suppliers, our staff, our business associates, and our community. Since that first branch opened in Calgary in 1985, we are now operating 17 branches throughout Alberta, British Columbia, and Saskatchewan and we employ nearly 700 people throughout the Gregg group of companies.

We now warehouse over 1,000 product lines in our main Edmonton location, which is our central warehousing facility at 462,000 square feet. Products are shipped daily to our locally owned partner branches. The full-colour Product Catalogue you're holding is released annually and is used to categorize, sell, and educate our customers and staff of these expansive and diverse products that help us to be a "single source supplier".

We are extremely proud to remain 100% Canadian. Along with this, we offer second-to-none customer service levels, a knowledgeable staff, above industry average fill rates and free delivery service. We are also certified to ISO 9001:2000 Quality Standard.

*This year, **2008**, we celebrate our 40th anniversary and look forward to continued interaction with our customers, suppliers, and our community.*

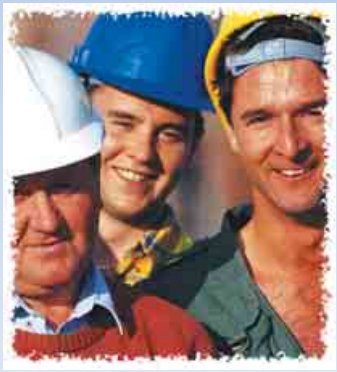
Proudly Canadian

Gregg Distributors Ltd

The Gregg Distributors ADVANTAGE

Customer Satisfaction

- *Friendly Knowledgeable Staff*
- *Large Inventory to Service All Your Needs*
- *Local Delivery Service*



Quality

- *We are certified to ISO 9001:2000 Quality Standard*

Visit Our Website

- *Visit us at* www.greggdistributors.ca
- *See our other locations*
- *Retrieve Material Safety Data Sheets*
- *Request a quote or order on-line*

Catalogue On CD

- *Our 1640-page catalogue is available on CD (or on our website) for ease of use in a paperless format*

YOUR SINGLE CANADIAN SOURCE
40 YEARS STRONG 2008

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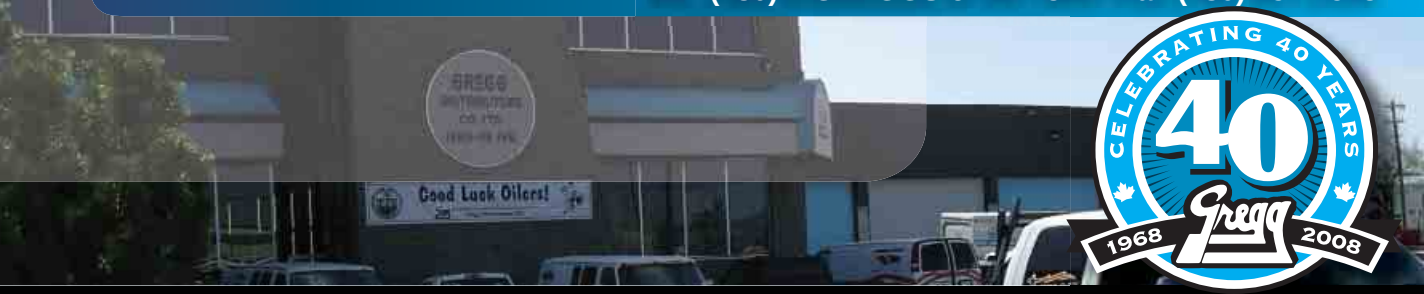
Visit us on-line at www.greggdistributors.ca

Edmonton (Main) Alberta

Gregg Distributors Co. Ltd
16215-118 Avenue
Edmonton Alberta T5V 1C7
Ph. (780) 4-GREGGS or 447-3447 Fax (780) 451-2528



Our main Edmonton location, newly renovated in 2005, is our central warehousing facility with 462,000 square feet of available space. Since 1968, we have grown to 300 knowledgable employees including 35 outside sales staff and 7 product specialists serving Northern Alberta. Customer service, available inventory, and product knowledge are at the core of our business philosophy with staff attending "**Product Knowledge School**" each week.

Our west Edmonton location provides many services. Free scheduled delivery is offered to customers in Edmonton and surrounding area as well as out of town locations by our 14 cube vans and 8 five-ton trucks. We also have bulk oil delivery to Edmonton and the surrounding area with our custom built 9 compartment, 4,232 gallon tanker.

Giving Back...

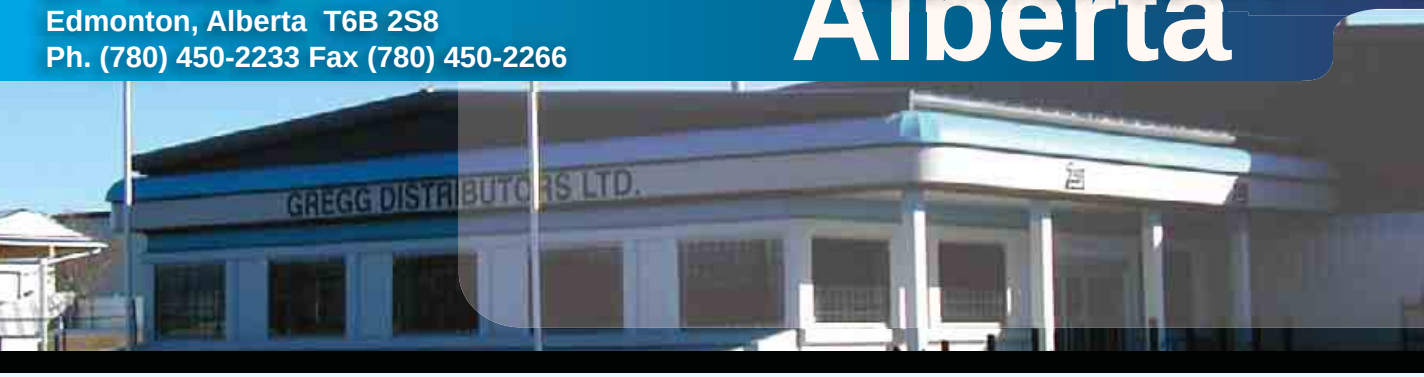
At Gregg's, we strongly believe in giving back to the community that has supported us for the last 40 years:

•The staff and management of Gregg Distributors work together to raise funds and awareness for local charities. We also work together in raising funds for The Gregg's Sunshine Fund, a children's charity we created which provides funds for various projects in Edmonton. In the summer of 2001, through a partnership with the **City of Edmonton**, we built a new playground area in Hawrelak Park. We celebrated our grand opening in June 2007 of a new playground area in Rundle Park, the city's second busiest park. We are planning to continue our fundraising efforts and work toward much needed renovations at the Edmonton Valley Zoo. We have made a $500,000 commitment to a new Sea Lion exhibit at our city zoo! We are hoping this commitment will kick-start much needed provincial and corporate support for other exhibits at the zoo. •We all take great pride in our Chrysalis Training Program for physically and mentally challenged men and women. Our Edmonton location acts as a training site to help these wonderful people into the work force. Currently, we have 6 graduates on staff from this program. •We are also proud to be part of the team keeping the Edmonton Oilers in Northern Alberta. At Gregg Distributors, we recognize the benefit the Oilers, Flames, and Canucks can provide for Western Canada — jobs, civic pride, international recognition, and world-class entertainment! Together we have the opportunity to preserve professional hockey in the West for the next generation.

Edmonton's main location is open Monday to Friday, 7:30 a.m. to 5:00 p.m.

Edmonton (East) Alberta

Gregg Distributors Co. Ltd.
3611 - 76 Avenue
Edmonton, Alberta T6B 2S8
Ph. (780) 450-2233 Fax (780) 450-2266



Edmonton East opened in August, 2000 and we now have 11 experienced employees. The 26,000 square foot satellite warehouse is located just off the Sherwood Park Freeway in the southeast industrial park. This Edmonton location offers ample parking, bright customer service area and better service and convenience for our southeast Edmonton customers. We are open Monday to Friday, 7:30 a.m. to 5:00 p.m.

Edmonton (South) Alberta

Gregg Distributors Co. Ltd.
3911 - 92 Street
Edmonton, Alberta T6E 6R8
Ph. (780) 409-2000 Fax (780) 409-2100

We opened in July, 2002 with 6 experienced employees in order to better serve our customers on the south side of Edmonton. This 27,000 square foot satellite warehouse facility features a 4,000 square foot customer service/display area for your convenience. We carry a large inventory of product including hose and hose fittings — offering the ability to make hose assemblies while you wait! Our hours of operation are from Monday to Friday, 7:30 a.m. to 5:00 p.m.

Red Deer Alberta

Gregg Distributors Co. Ltd.
5141 - 76A Street Close
Red Deer, Alberta T4P 3M2
Ph. (403) 341-3100 Fax (403) 341-3210

You'll find us just off Gaetz Avenue and 77 Street with excellent access to Edgar Industrial Park. We will be pleased to serve you in our 31,750 square foot warehouse — which includes over 6000 square feet of customer service/display area. We have 23 employees on staff who look forward to your next visit! Our hours are Monday to Friday, 7:30 a.m. to 5:00 p.m.

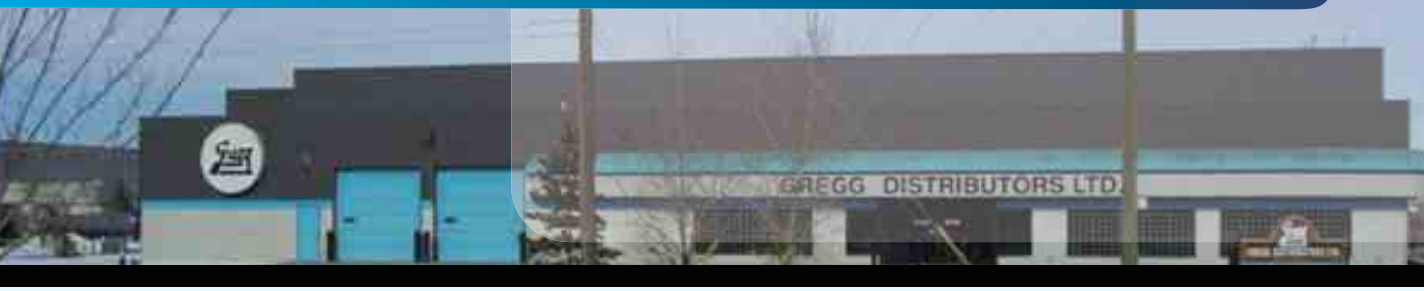
Calgary (Main) Alberta

Gregg Distributors Co. Ltd.
5755 - 11 Street S.E.
Calgary, Alberta T2H 1M7
Ph. (403) 253-6463 Fax (403) 253-5926

We have two locations in Calgary to serve you! Our newly expanded and renovated 70,000 square foot warehouse is conveniently located in the Burns Industrial Park. We are proudly 100% Canadian and look forward to delivering the customer service you have come to expect from your local Gregg Distributors location. We currently have 72 employees including 20 outside salesmen — in addition we also have 3 factory trained specialists servicing the following product lines: •Oil/filters; •Hydraulic and industrial hose/ fittings; •Equipment. Gregg's Calgary also offers free delivery within Calgary and surrounding area with 7 cube vans and a 5 ton truck. We have been servicing southern Alberta and southeastern British Columbia since 1985. Our business hours are Monday to Friday, 7:30 a.m. to 5:00 p.m.

Calgary (Foothills) Alberta

Gregg Distributors Co. Ltd.
6130 - 51 Street S.E.
Calgary, Alberta T2C 4M9
Ph. (403) 203-1928 Fax (403) 236-1912



Our second location in Calgary opened in the fall of 1999 and has 10 employees. The 21,000 square foot satellite warehouse is located in the Foothills Industrial Park for added convenience to our Calgary customers. We are open Monday to Friday, 7:30 a.m. to 5:00 p.m.

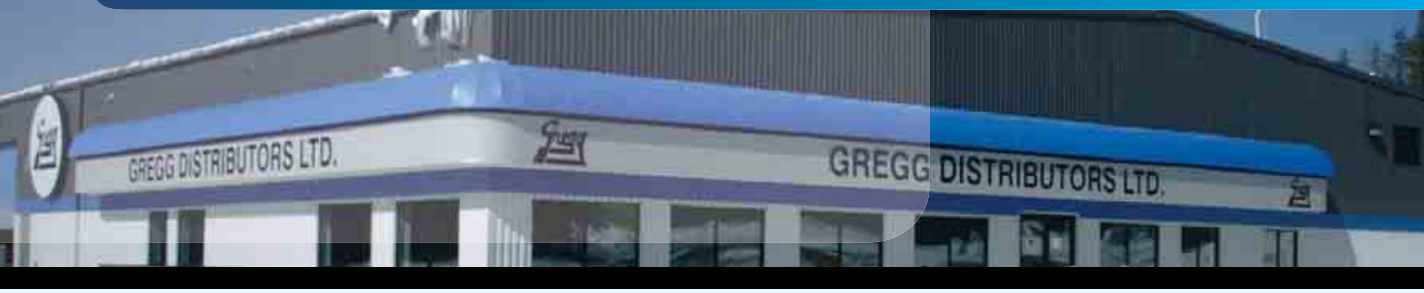
High Level Alberta

Gregg Distributors (High Level) Ltd.
10207 - 96 Street
High Level, Alberta T0H 1Z0
Ph. (780) 926-2521 Fax (780) 926-3514

Gregg Distributors (High Level) Ltd. has two locations in Northern Alberta. We have been operating in the High Level area since December of 1987. We have approximately 11,200 square feet of warehouse space and 10 employees, which includes 1 outside salesman who are ready to look after all your needs. We carry a full line of automotive, industrial and welding supplies/gases for the petroleum, forestry, automotive, agriculture, and trucking industries in High Level and surrounding areas. We are open Monday to Saturday, 8:00 a.m. to 5:30 p.m. 24 hour call out service is available.
At Gregg Distributors, we believe we can be your single source store and that being 100% Canadian owned invests in Canada's future.

Rainbow Lake Alberta

Gregg Distributors (High Level) Ltd.
2 Rainbow Drive, Box 823
Rainbow Lake, Alberta T0H 2Y0
Ph. (780) 956-2588 Fax (780) 956-2589



High Level's second location in Northern Alberta, Rainbow Lake has been open since May of 2003 with 6 employees. We're "serving you better" in our 22,400 square foot multi-use facility. We have approximately 12,000 square feet of warehouse space along with a spacious 2,370 square foot showroom/customer service area. In addition, we have 5 large rental bays currently leased out. We carry a full line of automotive, industrial and welding supplies/gases to service the petroleum, automotive, and trucking industries in and around the Rainbow Lake area. We are open Monday to Saturday, 8:00 a.m. to 5:30 p.m. 24 hour call out service is available. Come down and see that we can be your **single source supplier**!

Athabasca Alberta

Gregg Distributors (Athabasca) Ltd.
5006 - 52 Street
Athabasca, Alberta T9S 1V3
Ph. (780) 675-3110 Fax (780) 675-4774

We have been in business in Athabasca for over 15 years and have 10 employees serving your automotive, industrial, agricultural, and work wear needs. We relocated almost 6 years ago to a new facility. This store is 12,565 square feet convenienty located along Highway 2 on the beautiful Athabasca river front. Parking is easily accessible at the store front and there is room for large trucks to pull in and park on the east side. We have 2 delivery trucks on the road 5 days a week — we deliver to Boyle, Grassland, Lac La Biche, and Calling Lake. We are open Monday to Friday, 6:00 a.m. to 6:00 p.m.; Saturdays 8:00 a.m. to 5:30 p.m.

Gregg Distributors (Fairview) Ltd.

Box 2020
Fairview, Alberta T0H 1L0
Ph. (780) 835-5115 Fax (780) 835-3535

Fairview Alberta

Fairview is situated in the “heart of the Peace River country” of Alberta. Gregg Distributors (Fairview) Ltd. lies on Highway 2 between Peace River and Grande Prairie. We specialize in parts and accessories for the agriculture, petroleum, forestry, automotive, and trucking industries in Fairview and the surrounding area. Gregg’s Fairview opened in its 7,700 square foot facility in June, 1995. We have 7 knowledgable employees and provide on-call service for your emergency needs. Our hours are Monday to Friday, 7:00 a.m. to 5:30 p.m.; Saturday, 7:00 a.m. to 2:00 p.m.

Gregg Distributors (Grande Prairie) Ltd.

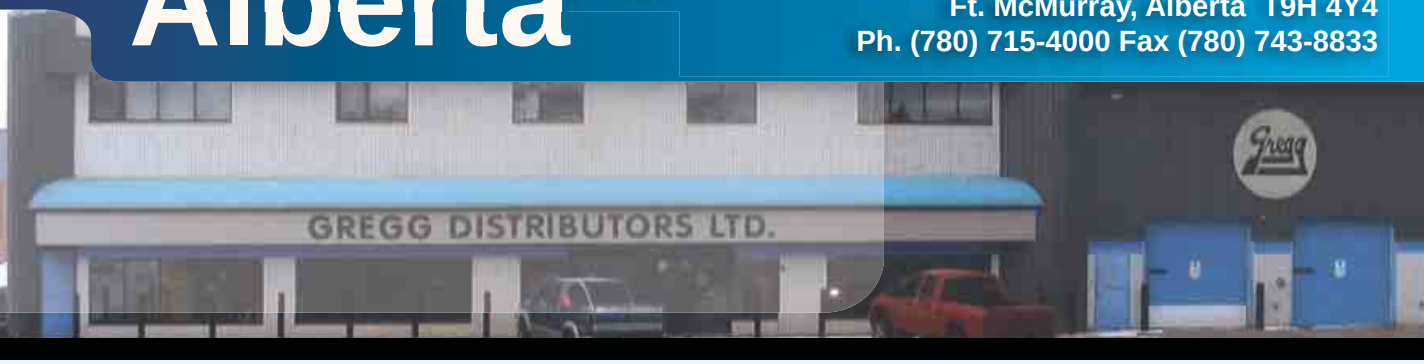
11140 - 97 Avenue
Grande Prairie, Alberta T8V 3J8
Ph. (780) 513-4000 Fax (780) 513-6000

Grande Prairie Alberta

Gregg Distributors (Grande Prairie) Ltd. has been in operation for 10 years. Since opening we have grown from a staff of 8 employees to over 40. In May of 2006 we moved into a new facility, with 40,000 square feet on the main floor and 20,000 square feet on the mezzanine. We offer a huge on-hand inventory, state-of-the-art hose/hydraulic shop, an ability to order overnight as well as free delivery in Grande Prairie and the surrounding area. Providing the service required by industry in our area, we are open Monday to Friday, 7:00 a.m. to 5:00 p.m.; Saturday, 7:00 a.m. to 12:00 noon.

Ft.McMurray Alberta

Gregg Distributors (Ft. McMurray) Ltd.
325 MacAlpine Crescent
Ft. McMurray, Alberta T9H 4Y4
Ph. (780) 715-4000 Fax (780) 743-8833



Our Ft. McMurray location has been in operation since 1997 and has 35 knowledgable employees. Our 40,000 square foot warehouse services the city of Ft. McMurray as well as all the major oil sand sites. We offer daily delivery service inside the city, and as far north as the Fort McKay Industrial Park. Our hours of operation are Monday to Friday, 7:00 a.m. to 5:30 p.m.; Saturday, 8:00 a.m. to 12:00 noon.

Spirit River Alberta

Gregg Distributors (Spirit River) Ltd.
Box 579
Spirit River, Alberta T0H 3G0
Ph. (780) 864-3333 Fax (780) 864-3330

Our new Spirit River facility opened March 1 of 2007 — an 18,000 square foot building to serve the Central Peace Region. Located on Highway 49 in Spirit River, we are open Monday to Friday from 7:00 a.m. to 5:30 p.m. and Saturday from 7:30 a.m. until 2:00 p.m. to meet your oilfield, industrial, and agricultural needs. We have 7 staff and offer delivery to the local area 3 days a week. Please stop in to see our new facility!

Gregg Distributors (B.C.) Ltd.
#100, 19632 - 96 Avenue
Langley, British Columbia V1M 3B9
Ph. (604) 888-9588 Fax (604) 888-4688

Langley British Columbia

Gregg Distributors (B.C.) Ltd. has been serving the Lower Mainland, and most of the province of British Columbia, since February 1991. We have 44 knowledgable employees including 12 professional sales associates. Our 8-vehicle customer service delivery team offers free daily delivery to most of the greater Vancouver area as well as scheduled weekly delivery to surrounding areas. Come and visit our recently expanded and renovated 55,000 square foot facility. Business hours are Monday to Friday, 7:30 a.m. to 5:00 p.m.

Gregg Distributors (B.C.) Ltd.
4381 Boban Drive
Nanaimo, British Columbia V9T 5V9
Ph. (250) 756-0551 Fax (250) 756-1170

Nanaimo British Columbia

Gregg Distributors in Nanaimo is the most westerly branch in the organization. Our 12,000 square foot facility opened in May of 1996. We have 11 knowledgable employees, including 3 professional sales associates, servicing the Nanaimo area as well as the entire Vancouver Island. With our 3 vehicle delivery team, we offer free daily delivery to Nanaimo, Parksville, Qualicum, and south to the Duncan area as well as twice weekly to Victoria, three times a week to Campbell River and even once a week to Port Alberni. Business hours are Monday to Friday, 7:30 a.m. to 5:00 p.m.

Fort St.John
British Columbia

Gregg Distributors (Fort St. John) Ltd.
9404 - 111 Street
Fort St. John, British Columbia V1J 7J5
Ph. (250) 785-8000 Fax (250) 785-8022

Gregg Distributors in Fort St. John is the gateway to the north in British Columbia. Our 23,000 square foot facility is situated in the new Prospect Park subdivision, opened in 2005. Our facility features an open showroom and a large shop for all your hose assembly requirements. We have free delivery for accounts in Fort St. John, Charlie Lake, and Taylor. Come and visit us in the energetic city in northwestern British Columbia! We now have 13 knowledgable employees and our hours of operation are Monday to Friday, 6:30 a.m. to 5:30 p.m. and Saturday 8:00 a.m. to 12:00 noon.

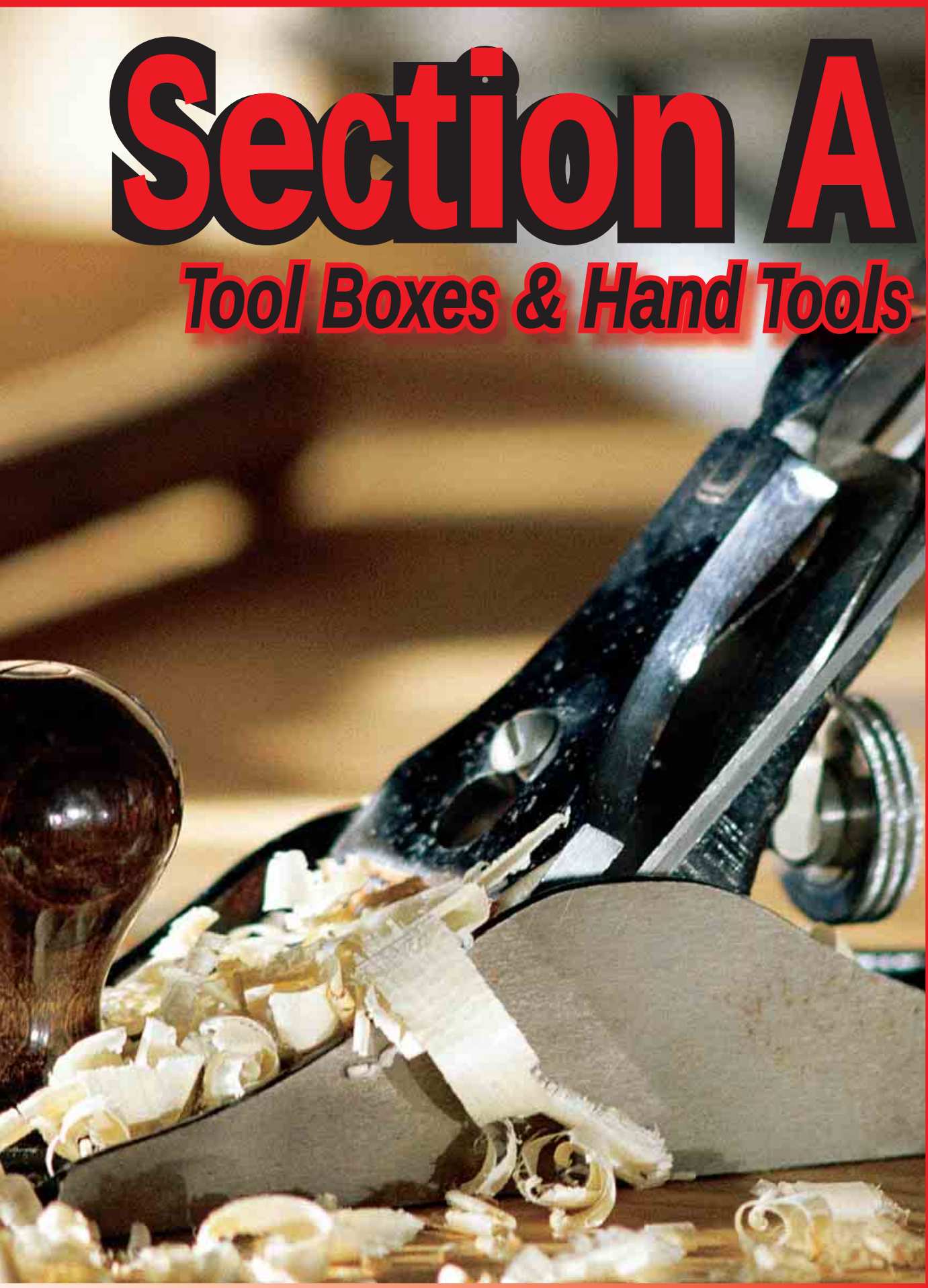
Saskatoon
Saskatchewan

Gregg Distributors Co. Ltd.
3066 Faithfull Avenue
Saskatoon, Saskatchewan S7K 8H2
Ph. (306) 343-6655 Fax (306) 343-6656

Our first branch in beautiful Saskatoon — we opened in early September 2007! Our facility is over 70,000 square feet and is bright and spacious, featuring a large showroom area and a fully stocked warehouse. Come down to our newest branch today where we can be your single source supplier.

Section A

Tool Boxes & Hand Tools



CELEBRATING 40 YEARS
40
1968
Gregg
2008

Five Security-Enhancing Upgrades to KNAACK StorageMaster and Jobmaster Chests:

- **New 3-point latch with WATCHMAN IV Lock System** (provides extra protection against break-ins)
- **New Power Pass™ Electrical Pass-Thru** (easy, weatherproof power cord access)
- **Additional reinforcement between the box lock and the side housing** (stronger protection against pry-ins)
- **Bigger, better hinges** (superior security in one of the most common weak areas on most other storage boxes)
- **Improved, ball stud bracket** (added strength reduces the potential for breakage and improves durability)

Storagemaster® Chests

These chests feature 11" wide shelves with a 2½" lip that is strong enough for heavy loads. It also features a bi-fold cover which folds completely out of the way for unrestricted access. There is a shield which protects the gas spring from tools and debris for long lasting operation. Two-point latching adds extra theft protection. Rugged, 3/4" pipe handles are recessed and fold out of the way. There is a "hidden" interior channel that adds strength to models 89 and 69 plus there is extensive channel reinforcing on the cover. 16 gauge steel construction and fully arc welded seams for extra strength and weather protection. Oven cured enamel for a durable finish. 3" high, 12 gauge steel skids are pre-punched for easy installation of the casters (not included) and raise the unit for easy fork lifting. Model 91 includes the convenience of a 48" wide built-in ramp in front for loading large materials and equipment on casters. A deadbolt latch is used to secure the ramp in the closed position.

Part No. 69, Storage capacity 35.3 cu. ft.; 60"W x 37"H* x 30"D.
Part No. 79, Storage capacity 38.2 cu. ft.; 48"W x 49"H* x 30"D.
Part No. 89, Storage capacity 47.8 cu. ft.; 60"W x 49"H* x 30"D.
Part No. 90, Storage capacity 57.5 cu. ft.; 72"W x 49"H* x 30"D.
Part No. 91, Storage capacity 57.5 cu. ft.; 72"W x 49"H* x 30"D.

89

69

79

91

Gang Boxes

Gang Boxes feature: •Pipe handles on sides are recessed and out of the way •Internal padlock system •3" box end skids are caster ready and has inset skids so that it will fit in the bed of a full size pickup •16 gauge fully arc welded steel construction •Reinforcing channel on cover adds more strength •Lock housings are tucked into corners and out of the way •An economical contractor box that may be used in many applications

Part No. 2060, Storage capacity 20 cu. ft.; 60"W x 28"H* x 24"D.
Part No. 3068, "Slant Top" - Storage capacity 31 cu. ft.; 60"W x 37"H* x 30"D.

2060

3068

Accessories

ACCESSORY TRAYS for JOBMASTER® CHESTS: •Tool trays are designed to suspend on the top edge of the chests. Tote trays set into the chest.

Part No. 11, Tote Tray with dividers. 8" W at bottom/10"W at top x 3-3/4"H x 18"L.
Part No. 21, Tool Tray. 8"W x 4"H x 21-5/8"L. Fits Part No.'s 60, 4824, 2472.
Part No. 31, Tool Tray. 8"W x 4"H x 27-5/8"L. Fits Part No. 4830.
Part No. 41, Tool Tray. 8"W x 4"H x 16-5/8"L. Fits Part No.'s 42, 36, 32.

11

21

KNAACK

Jobmaster® Chests

These chests feature a full length piano hinge, staked and welded, to resist break-in attempts. 16 gauge steel construction. The seams are fully arc-welded and channels are added to the cover for extra strength. Formed ribs add strength to the ends and the front of the tool box. The overlapping cover design provides weather protection and resistance to forcible entry. 3" high, 12 gauge steel skids raise the unit for easy fork lifting. Hemmed edges provide strength and added safety. WATCHMAN® IV Lock System: From the outside, all you see is the bottom of the padlock. This system protects the shackle of the padlock from bolt cutters, hack saws, and pry bars. Oven cured enamel finish.

Part No. 32, Storage capacity 5 cu. ft.; 32"W x 18-3/8"H* x 19"D.
Part No. 36, Storage capacity 7 cu. ft.; 36"W x 21-3/8"H* x 19"D.
Part No. 42, Storage capacity 9 cu. ft.; 42"W x 23-3/8"H* x 19"D.
Part No. 4824, Storage capacity 16 cu. ft.; 48"W x 28-1/4"H* x 24"D.
Part No. 60, Storage capacity 20.25 cu. ft.; 60"W x 28-1/4"H* x 24"D.
Part No. 2472, Storage capacity 24.5 cu. ft.; 72"W x 28-1/8"H* x 24"D.
Part No. 4830, Storage capacity 25.25 cu. ft.; 48"W x 34-1/4"H* x 30"D.

36

60

4830

Jobmaster® Specialty Chests

•16 gauge steel construction

Part No. 28, Hand tool box. Storage capacity 2.3 cu. ft.; 28" W x 12"H x 12"D.
Part No. 30, Welder's box. Storage capacity 3.3 cu. ft.; 30"W x 12"H x 16"D.

28

30

Wall Cabinet

Handy wall cabinet is ideal for locking up small parts, tools and supplies, and can be used almost anywhere in the shop or on the job. Holes are pre-punched in the back (on 16 and 24 inch centres) for easy mounting to walls. A key lock in combination with two-point latching helps prevent unauthorized access. Spot welded, 20 gauge steel construction. Three adjustable shelves are provided. Oven cured enamel finish.

Part No. 33, Storage capacity 10.7 cu. ft.; 32"W x 36"H x 16"D.

Jobmaster® Cabinets

These cabinets have full length piano hinges, staked and welded, to resist break-in attempts. Rugged 3/4" pipe handles that fold out of the way and pre-punched skids for easy installation of casters (not included). Cabinets also feature reinforced shelves for convenient storage of tools and equipment. The shelves are welded in place for maximum strength. 16 gauge steel construction. Full arc welds for extra strength and weather protection. Channels add extra strength and rigidity to doors. WATCHMAN® IV Lock System: From the outside, all you see is the bottom of the padlock. Oven cured enamel for durability. Models 99, 109, 139 offer shelf spacing from top of 11.5", 12", 13", 19".

Part No. 99, Storage capacity 59.4 cu. ft.; 60"W x 60"H x 30"D. Features double doors on front and back sides.

Part No. 109, Storage capacity 47.5 cu. ft.; 60"W x 60"H x 24"D. Features double doors on front side only.

Part No. 139, Storage capacity 59.4 cu. ft.; 60"W x 60"H x 30"D. Features double doors on front side only.

Part No. 129, Storage capacity 48 cu. ft.; 72"W x 51"H x 24"D; bin sizes 12"W x 12"H x 20"D. Perfect for the storage of bulk fittings and parts. Each shelf has a 2" hemmed lip to keep parts from spilling out. The top shelf is left open the full length for long handled items while the bottom shelves offer 18 large bins. Features double doors on front side only.

109

139

Jobmaster® Rolling Work Benches

These work benches feature ball bearing drawer slides that have a 50 lb. load rating per drawer. The finish is oven cured enamel. The drawers, work top, and cabinet are 16 gauge steel; the bottom is 12 gauge steel. The entire unit is arc welded steel construction for extra strength. These benches have the WATCHMAN® IV Lock System latch design for more convenient door operation. Full length piano hinges, staked and welded, to resist break-in attempts. Shelf is welded in place for maximum strength. Handy manual pockets on each door. Special features: Push handles make it easier to push a heavy load of tools; swing out doors fold back so they are out of the way. 4" casters included (two swivel with brakes and two rigid). Load capacity 800 lbs.; 40-3/4"W x 37-1/2"H x 25"D.

Part No. 40, Includes two drawers and a full width shelf as shown. Shelf clearance measures 14" from bottom of cabinet to bottom edge of shelf and 8" from top of shelf to bottom of drawer.

Part No. 44, Includes four drawers and one half width shelf. Shelf clearance measures 14" from bottom of cabinet to bottom edge of shelf and 16" from top of shelf to top of cabinet.

Casters

ACCESSORY CASTERS for STORAGEMASTER® & JOBMASTER® CHESTS: • 3280 lbs. total load rating (load ratings are for all four wheels combined). 6" Heavy Duty Caster set includes two rigid and two swivel casters with mounting bolts. Brake unit is located on the swivel casters. Use with Part No.'s 32, 36, 42, 60, 69, 79, 89, 90, 91, 2472, 4824, 4830.

Part No. 600.

Hand Tool Boxes with Tool Tray

These 18 ga. steel tool boxes feature a full length piano hinge and zinc plated latch and handle hardware. A hemmed edge on the front lip of the box opening adds extra strength and the end panels have recessed channels that double as carrying handles. Each box has a black powder coated finish for maximum durability. Rubber feet in each corner keep the boxes from scratching and sliding.

Part No. 742, 22"L x 9"W x 9"H.

Part No. 743, 26"L x 11"W x 9-1/2"H.

742

743

War Wagon™ Rolling Work Bench

Wider and longer than any of the other work benches, with six doors, three in front and three in back. The lower working height more conveniently positions your equipment when you attach a vise or pipethreader. There are also latches for locking both front and back doors. The latching mechanism latches all three doors simultaneously, and all three doors on one side can be locked with one padlock. Incorporates the WATCHMAN® IV Lock System. The construction is fully arc welded for extra strength. Full length piano hinges are staked and welded to resist break-in attempts. 8" casters. Shelf is 16 gauge steel, cabinet sides and doors are 12 gauge steel, work top and bottom are 7 gauge steel. 1" drawers have a 100 lb. capacity; larger drawers have a 200 lb. capacity. Load capacity 3400 lbs.; 62"W x 34"H x 32"D.

Part No. 62.

RUBBERMAID®

ActionPacker® Storage Containers

1172

1192

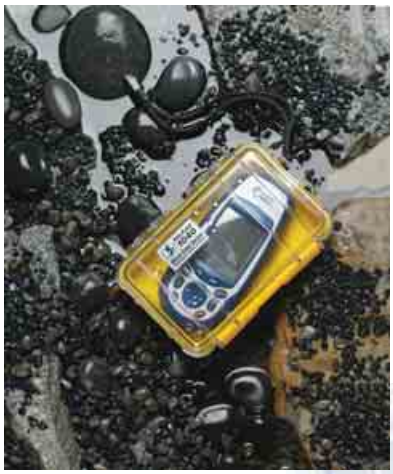
ActionPacker® Features: •Tough, lockable latches. •Double-walled lid for added strength.
•Stackable, space-saving design. •Many, many uses. •Grey/black.
Part No. 1172, 24 U.S. gallon ActionPacker storage container - 26"L x 18.3"W x 17"H
Part No. 1192, 48 U.S. gallon ActionPacker cargo box - 44.3"L x 20.9"W x 16.4"H

Rubbermaid

PELICAN

Mini Protector® Micro Cases

The crush proof Micro Case stands up to a 5,000 lb. truck



WATERTIGHT - Splash it, drop it in the river. No problem. The key to a watertight case is its tough polycarbonate body and the rubber liner. When closed, the lid creates a tongue-and-groove fit with the shock absorbing rubber liner, which doubles as an o-ring.
BREATHE IN. BREATHE OUT. - The automatic pressure purge valve works on the molecular level. It uses a Gore-Tex® membrane that allows high pressure air molecules caused from altitude changes to escape. But water molecules, which are larger, are prevented from entering. The result: equalized pressure inside and outside the case.
TOUGH AS NAILS - The single latch made of strong ABS plastic. It allows quick and easy access to contents and a tight seal.

MICRO CASE 1010
Interior Dimension: 4-5/16" x 2-13/16" x 1-5/8"
Exterior Dimension: 5-7/16" x 4-1/16" x 2-1/8"
Part No. 1010-BK, Black case/ clear lid
Part No. 1010-BL, Blue case/ clear lid
Part No. 1010-YE, Yellow case/ clear lid
Part No. 1010-RE, Red case/ clear lid

Pick 'N' Pluck™ foam set for 1010 Micro Case - To custom fit and add extra protection.
Part No. 1012.

MICRO CASE 1020
Interior Dimension: 5-1/4" x 3-1/2" x 1-5/8"
Exterior Dimension: 6-3/8" x 4-3/4" x 2-1/8"
Part No. 1020-BK, Black case/ clear lid
Part No. 1020-BL, Blue case/ clear lid
Part No. 1020-YE, Yellow case/ clear lid
Part No. 1020-RE, Red case/ clear lid

Pick 'N' Pluck™ foam set for 1020 Micro Case - To custom fit and add extra protection.
Part No. 1022.

MICRO CASE 1040
Interior Dimension: 6-7/16" x 3-13/16" x 1-11/16"
Exterior Dimension: 7-1/2" x 5-1/16" x 2-1/8"
Part No. 1040-BK, Black case/ clear lid
Part No. 1040-BL, Blue case/ clear lid
Part No. 1040-YE, Yellow case/ clear lid
Part No. 1040-RE, Red case/ clear lid

Pick 'N' Pluck™ foam set for 1040 Micro Case - To custom fit and add extra protection.
Part No. 1042.

PELICAN™
You break it, we replace it... forever.

Protector® Cases

Protector Equipment Cases are designed for active professionals. Watertight, airtight, and unbreakable. An incredibly light structural foam resin shell always looks new, and is unaffected by dents, scratches, or corrosion. Inside, pre-scored "Pick 'n Pluck" foam (no cutting required) or padded dividers protect even the most sensitive equipment. Neoprene o-ring sealed pressure purge valve allows for quick equalization after changes in altitude or temperature. Includes locking flanges, massive multiple latches for absolute security and a comfortable molded fold-down handle (on most models). They meet and far exceed the highest standards of industrial, airline, military, and commercial applications. Sized for every need. NOTE: #1700 and #1750 supplied with regular foam, Pick 'n Pluck is not available.
Dimensions shown are outside dimensions. (Contents shown for illustration purposes only)

PART NO.	DESCRIPTION
1120	"Guard Box" with Pick 'n Pluck foam and fold-down handle. Black. 8-1/4"L x 6-9/16"W x 3-9/16"D.
1120NF	Same as #1120, with no foam
1150	Case with Pick 'n Pluck foam and fold-down handle. Black. 9-1/4"L x 7-9/16"W x 4-3/8"D.
1150NF	Same as #1150, with no foam
1200	Case with Pick 'n Pluck foam and fold-down handle. Black. 10-5/8"L x 9-11/16"W x 4-7/8"D.
1200NF	Same as #1200, with no foam
1300	Case with Pick 'n Pluck foam and fold-down handle. Black. 10-5/8"L x 9-11/16"W x 6-7/8"D.
1300NF	Same as #1300, with no foam
1400	Case with Pick 'n Pluck foam and fold-down handle. Black. 13-3/8"L x 11-5/8"W x 6"D.
1400NF	Same as #1400, with no foam
1450	Case with Pick 'n Pluck foam and fold-down handle. Black. 16"L x 13"W x 6-7/8"D.
1450NF	Same as #1450, with no foam
1455	Divider set only
1490CC#1	Laptop Computer Case. Deluxe, with lid organizer, fitted shock absorbing tray and removable shoulder strap. Fold-down handle. Black. 19-7/16"L x 13-15/16"W x 4-11/16"D. Fits computers up to 14"L x 10-1/2"W x 2-1/2"D.
1500	Case with Pick 'n Pluck foam and fold-down handle. Black. 18-1/2"L x 14-1/16"W x 6-15/16"D.
1500NF	Same as #1500, with no foam
1505	Divider set only
1510	Case with Pick 'n Pluck foam. One front and one side folding handle with no-slip overmolded cushion grips. One extendable handle with exterior mounted urethane wheels. Black. 22"L x 14"W x 9"D.
1510NF	Same as #1510, with no foam
1520	Case with Pick 'n Pluck foam and fold-down handle, large latches and lightweight. Black. 19-1/8"L x 15-7/16"W x 7-9/16"D.
1520NF	Same as #1520, with no foam
1525	Divider set only
1550	Case with Pick 'n Pluck foam and fold-down handle. Black. 20-11/16"L x 17-3/16"W x 8-9/16"D.
1550NF	Same as #1550, with no foam
1555	Divider set only
1560	Case with Pick 'n Pluck foam. One front and one side folding handle with no-slip overmolded cushion grips and one extendable handle with exterior mounted urethane wheels. Black. 22-1/16"L x 17-15/16"W x 10-7/16"D.
1560NF	Same as #1560, with no foam
1600	Case with Pick 'n Pluck foam and fold-down handle. Black. 24-1/4"L x 19-7/16"W x 8-11/16"D.
1600NF	Same as #1600, with no foam
1605	Padded divider set only
1610	Case with Pick 'n Pluck foam and fold-down handle, 2" hard rubber transport wheels. Black. 24-9/16"L x 19-5/16"W x 11-15/16"D.
1610NF	Same as #1610, with no foam
1615	Padded divider set only
1620	Case with Pick 'n Pluck foam and fold-down handle, 2" hard rubber transport wheels. Black. 24-13/16"L x 19-3/8"W x 13-7/8"D.
1620NF	Same as #1620, with no foam
1625	Padded divider set only
1650	Case with Pick 'n Pluck foam, fold-down and locking main handle, 7" extension handle which makes it easy to pull case, large side trunk handles, 7 large latches, 2" hard rubber transport wheels. Black. 32-1/2"L x 20-1/2"W x 11-5/16"D.
1650NF	Same as #1650, with no foam
1655	Padded divider set only
1700	Travel Vault® II with solid foam insert, fixed handle and wheels. Black. 38-1/8"L x 17-13/16"W x 6-1/8"D.
1750	Travel Vault® with solid foam insert, fixed handle and wheels. Black. 53"L x 17-7/16"W x 6-1/16"D.

1120

1450

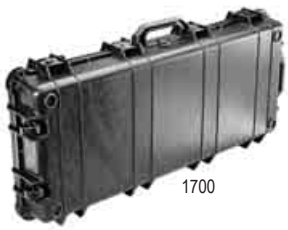
1490CC#1

1600 / 1510

1560

1620

1650NF — shown with #1655 divider set


1700

PELICAN™
You break it, we replace it... forever.

CONTRACTOR GRADE™ PRO SERIES: The serious tradesman will appreciate the features and durability of these boxes. Extra deep construction, wider openings, organizers and storage racks, reinforced handles and latches... all combine to make the Contractor Grade™ Series the choice of hardware professionals.

STRONG
•Strong enough to stand on
•Supports over 1200 lbs. of static load weight
•Job Rugged

IMPACT RESISTANT
•Stands up to use and abuse
•Virtually indestructible StowAways™ Organizers

WATER RESISTANT
•Protects tools from rust
•Guards sensitive electronics

PRO CONTRACTOR 22" GRAB'N GO™ TOOLBOX
•Includes 2 removable StowAways™ and 2 lift-out trays
•22"L x 12.5"W x 13.5"H
Part No. 823.

PLANO PRO ROLLING WORK STATION
•Sandstone colour •20.88"L x 13.65"W x 36"H
Part No. 826.

PLANO PRO 24" GRAB N' GO
•Sandstone colour •25.5"L x 15.25"W x 19.13"H
Part No. 827.

CONTRACTOR GRADE™

PLANO DEEP GRABN' GO STORAGE TOOL BOXES
•Comfort pro grip handle; toolboxes offer thicker walls than the competition.
Includes 2 removable StowAways™ and 1 lift-out tray.

20" DEEP GRAB N' GO TOOLBOX
•20.25"L x 10.88"W x 11.25"H
Part No. 652.

26" DEEP GRAB N' GO TOOLBOX
•26"L x 11"W x 11.38"H
Part No. 682.

PLANO DEEP STORAGE TOOL BOXES
•Comfort pro grip handle; toolboxes offer thicker walls than the competition.
Includes 1 lift-out tray.

16" DEEP TOOLBOX
•16"L x 9.5"W x 9.25"H
Part No. 451.

20" DEEP TOOLBOX
•20.25"L x 10.88"W x 11.25"H
Part No. 651.

26" DEEP TOOLBOX
•26"L x 11"W x 11.38"H
Part No. 681.

BAB — "BIG AWESOME BOX"
•22" power tool box w/ tray •Graphite grey/iron yellow •22"L x 13.5"W x 11"H
Part No. 781.

BAB — "BIG AWESOME XXL STORAGE BOX"
•Lockable in 3 places •Four rust-proof latches •Airline approved •Tie down brackets on each end •Recessed handles •Graphite grey/iron yellow •37.75"L x 18.25"W x 14"H
Part No. 1819.

NEW!!

StowAways™ Plastic Organizers – Easy access and visibility for small parts storage

CLEAR POCKET STOWAWAY
• 6 compartments •8.25"L x 4.25"W x 1.38"H
Part No. 3450.

PRO-LATCH™ STOWAWAY® ORGANIZER
•6-20 adjustable compartments •11"L x 7.25"W x 1.75"H
Part No. 2-3650.

PRO-LATCH™ STOWAWAY® ORGANIZER
•3" deep StowAway® •4-15 adjustable compartments •13.75"L x 9.13"W x 3.25"H
Part No. 2-3730.

CLEAR STOWAWAY
• 4 to 28 adjustable compartments •Pro-Latches
•14"L x 9.25"W x 2"H
Part No. 2-3750.

STOWAWAY ORGANIZER RACK
Comes with (4) #2-3750 StowAways. •15.5"L x 11.25"W x 9.5"H
Part No. 974.

STOW 'N GO™ PRO-RACK ORGANIZERS: Flexible modular storage for tools and small parts. The ideal tool and accessory storage for electricians, contractors, or at home do-it-yourselfers. Individual locking trays are partitioned for organization, and slide out for easy access. Convenient clear view poly trays. All Pro-Rack Organizers include 5pk. Inhibitor™ Rust Preventative Chips.

STOW 'N GO™ PRO-RACK ORGANIZER
•Includes two deep and one standard 3700 Series StowAway® utility boxes •Iron yellow/graphite grey •16.5"L x 12"W x 16"H
Part No. 1373.

STOW 'N GO™ PRO-RACK ORGANIZER
•Includes four 3600 Series StowAway® Utility boxes •Iron yellow/graphite grey •13.375"L x 10"W x 14"H
Part No. 1364.

STOW 'N GO™ PRO-RACK ORGANIZER
•Includes two standard 3600 Series StowAway® Utility boxes •Iron yellow/graphite grey •13.375"L x 10"W x 9.75"H
Part No. 1362.

STOW 'N GO™ ORGANIZER w/ LOCKJAW™
•Single sided LockJaw™ organizer •Porsche red •14.5"L x 2.38"W x 11.75"H
Part No. 5230.

STOW 'N GO™ ORGANIZER w/ LOCKJAW™
•Double cover LockJaw™ organizer •Porsche red •14.5"L x 3.38"W x 11.75"H
Part No. 5231.

STOW 'N GO™ ORGANIZER w/ LOCKJAW™
•Double sided LockJaw™ organizer •Porsche red •14.5"L x 4.63"W x 11.75"H
Part No. 5232.

Heavy Duty Tool Boxes

All welded steel construction with full length steel tote provides the perfect solution for the separation and storage of tools. Complete with tote tray. Outside dimensions are listed.

Part No. 92-519, 19" tool box - 19" x 7" x 7".
Part No. 92-520, 20" tool box - 20" x 8½" x 9½".
Part No. 92-525, 26" tool box - 26" x 8½" x 9½".

Popular 18" cantilever tool box feature 4 divided trays with protective covers that lift when lid is open for easy access to storage. Outside dimension is listed.
Part No. 92-518, 18" cantilever box - 18" x 10" x 13".

Portable Tool Chests

Durable all-welded steel construction for increased strength and product life. Nickel plated draw pull catches for extra security; hemmed exposed edges for added safety. Vinyl coated handle and full length piano hinge. Baked enamel finish.

3 DRAWER (TOTE) REAR LOCKING PORTABLE TOOL CHEST
Part No. 92-653.
Outside Dimensions: 21" x 8½" x 11½"
3 Drawers: 20" x 7½" x 2"

92-636

92-639

92-612

Mechanic's Tool Chests

Totally interchangeable drawer system that provides flexibility for customization. Rugged, heavy gauge all-welded steel construction. Full length aluminum drawer pulls for easy access and added strength. Bolted side handles, flush fitting cover, overlapping drop front all add to the quality of these impressive tool chests. Baked enamel finish.

3 DRAWER CHEST DROP FRONT
Part No. 92-636-3.
Outside Dimensions: 26" x 12" x 12"
2 Drawers: 23" x 10⅝" x 2"
1 Drawer: 23" x 10⅝" x 3"

6 DRAWER CHEST DROP FRONT
Part No. 92-636.
Outside Dimensions: 26⅜" x 12½" x 15⅛"
2 Drawers: 5" x 11⅛" x 2"
1 Drawer: 11⅛" x 11⅛" x 2"
2 Drawers: 23¼" x 11⅛" x 2"
1 Drawer: 23¼" x 11⅛" x 4"

9 DRAWER CHEST DROP FRONT
Part No. 92-639.
Outside Dimensions: 26⅜" x 12½" x 15⅛"
6 Drawers: 5" x 11⅛" x 2"
1 Drawer: 11⅛" x 11⅛" x 2"
1 Drawer: 23¼" x 11⅛" x 2"
1 Drawer: 23¼" x 11⅛" x 4"

12 DRAWER CHEST DROP FRONT
Part No. 92-612.
Outside Dimensions: 26⅜" x 17½" x 19¼"
8 Drawers: 5" x 16⅛" x 2"
1 Drawer: 11⅛" x 16⅛" x 4"
2 Drawers: 23¼" x 16⅛" x 2"
1 Drawer: 23¼" x 11⅛" x 4"

Heavy Duty Roller Cabinets

Bulk storage compartment in bottom of #92-738, #92-733 units with lock. Each cabinet has 2 fixed and 2 swivel locking casters. Rear locking provides extra security. Painted steel end handle. Sculptured Sides: Cabinets now have 100% increased load bearing capacity, while improving compression strength and allowing direct weight transfer to the casters. Customized Drawer System: A customized retrofit now allows drawers to be totally interchangeable, depending on preference — a big bonus for the customer looking for a custom designed storage system. Heavy Duty Casters: High performance casters with foot activated top brake. Cabinet stays where you put it. Tests show a 42% improved load bearing capacity and smoother mobility on rough surfaces. Rear Locking System: A new 2 point system tested at over 140 lbs. allows single drawer access, greater pull strength, and increases storage capacity up to 18%.

3 DRAWER ROLLER CABINET, REAR LOCKING
Part No. 92-733.
Outside Dimensions: 27" x 18" x 34"
3 Drawers: 23¼" x 16⅛" x 4"

7 DRAWER ROLLER CABINET, REAR LOCKING
Part No. 92-733-7.
Outside Dimensions: 27" x 18" x 34"
4 Drawers: 23¼" x 16⅛" x 2"
2 Drawers: 23¼" x 16⅛" x 4"
1 Drawer: 23¼" x 16⅛" x 8"

8 DRAWER ROLLER CABINET, REAR LOCKING
Part No. 92-738.
Outside Dimensions: 27" x 18" x 42"
4 Drawers: 11⅛" x 16⅛" x 2"
4 Drawers: 23¼" x 16⅛" x 4"

12 DRAWER ROLLER CABINET, REAR LOCKING
Part No. 92-712.
Outside Dimensions: 27" x 18" x 42"
4 Drawers: 11⅛" x 16⅛" x 2"
4 Drawers: 23¼" x 16⅛" x 2"
3 Drawers: 23¼" x 16⅛" x 4"
1 Drawer: 23¼" x 16⅛" x 8"

Deluxe Heavy Duty Roller Cabinets

14 DRAWER "LOWBOY" REAR LOCKING ROLLER CABINET
Part No. 92-895.
Outside Dimensions: 42" x 18" x 34"
4 Drawers: 11⅛" x 16⅛" x 2"
2 Drawers: 11⅛" x 16⅛" x 4"
1 Drawer: 11⅛" x 16⅛" x 8"
4 Drawers: 23¼" x 16⅛" x 2"
2 Drawers: 23¼" x 16⅛" x 4"
1 Drawer: 23¼" x 16⅛" x 8"

22 DRAWER "HIGHBOY" REAR LOCKING ROLLER CABINET
Part No. 92-897.
Outside Dimensions: 42" x 18" x 42"
10 Drawers: 11⅛" x 16⅛" x 2"
3 Drawers: 11⅛" x 16⅛" x 4"
1 Drawer: 11⅛" x 16⅛" x 8"
4 Drawers: 23¼" x 16⅛" x 2"
3 Drawers: 23¼" x 16⅛" x 4"
1 Drawer: 23¼" x 16⅛" x 8"

Side Cabinets, Add-ons & Accessories

2 DRAWER STEP-UP CHEST
Part No. 92-638.
Outside Dimensions: 27" x 18" x 11½"
2 Drawers: 23¼" x 16⅛" x 4"

7 DRAWER SIDE CABINET
Part No. 92-907.
Outside Dimensions: 14⅞" x 18" x 29"
4 Drawers: 11⅛" x 16⅛" x 2"
2 Drawers: 11⅛" x 16⅛" x 4"
1 Drawer: 11⅛" x 16⅛" x 8"

10 DRAWER SIDE CABINET
Part No. 92-910.
Outside Dimensions: 14⅞" x 18" x 37¼"
6 Drawers: 11⅛" x 16⅛" x 2"
3 Drawers: 11⅛" x 16⅛" x 4"
1 Drawer: 11⅛" x 16⅛" x 8"

Add drawers to your roller cabinets, use dividers to give you more tool separation. Protect your tools and chests with vinyl matting and drawer liners. Add a side shelf for more work area. The combinations are unlimited!

DRAWERS
Part No. 92-952.
Pair of 2" drawers, for #92-733, #92-738.
23¼" x 16⅛" x 2".

Part No. 92-954.
4" drawer for #92-733, #92-738.
23¼" x 16⅛" x 4".

Part No. 92-958.
8" drawer for #92-733, #92-738.
23¼" x 16⅛" x 8".

DRAWER DIVIDERS
Part No. 92-117.
For top chest.

DRAWER CHANNELS
Part No. 92-996.
10½" drawer channel.

Part No. 92-997.
14¾" drawer channel.

DRAWER SLIDES
Part No. 92-993.
10½" drawer slide.

Part No. 92-994.
14¾" drawer slide.

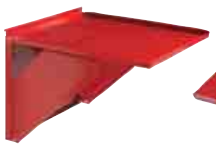
VINYL TOP MAT
Part No. 92-120.
26⅝" x 17⅝".

DRAWER LINERS
Part No. 92-115.
For top chest, 4 per package.

Part No. 92-129.
For roller cabinet, 5 per package.

CASTER SETS
Part No. 92-973.
Set of 4, 4" x 1½".

Part No. 92-962.
Set of 4, 5" x 1½".



SIDE SHELF
Part No. 92-975.
For #B27, B87, B89, B95, B97.
16" x 16¼".

SECURITY BOX
Part No. 92-981.
Keep your wallet, watch, and other valuables safe in your chest or cabinet drawer. 8" x 9" x 1¾".

LOCK & KEY SETS
Part No. 92-983.
For #92-733, #92-738.

Part No. 92-986.
For #92-733-7, #92-712.

Part No. 92-998.
Lock and key (hooked cam).

Master Sets

99910

99911

271 PC. MAINTENANCE SET — 1/4", 3/8" drive.

176 — Sockets and accessories
57 — Wrenches
5 — Pliers
19 — Screwdrivers
3 — Striking and struck tools
11 — Miscellaneous tools

CHOOSE YOUR CABINET/TOOLS COMBINATION:

Part No. 99912.
With 9998ASHD roller cabinet, all tools as listed above.

Part No. 99911.
With 44108 roller cabinet, all tools as listed above.

Part No. 99910.
Tools only as listed above.

Many Proto Tool Master Sets are available. Please enquire for further information.

Many Proto Chests & Cabinets Are Available. Please Enquire For Further Information.

Many Accessories are available. Please enquire for further information.

VINYL MATS FOR STANDARD DUTY SERIES
Protects cabinet and accessory tops.
26⅞" x 17⅞".
Part No. 9938.

CASTER SET FOR STANDARD DUTY SERIES
2 fixed and 2 swivel brake casters, 5" x 2".
Part No. 44701.

440 Standard Duty Series Chests & Cabinets

The 440 Standard Duty Series are designed to maximize load and cubic inch capacities with drawer features and configurations that provide efficient storage for the most commonly stored tools. Standard features include steel construction for toughness, aluminum extruded, recessed drawer pulls for safety and easy cleaning, full extension drawers with ball bearing slides for smooth movement, with a smooth, sleek, red electrocoat paint finish. The 440SS Line offers rugged durability in chests, cabinets, lockers and side cabinets as well as workstations. Ball bearing slide capacity: 100 lbs. Casters: 5" x 2" polyurethane, 450 lbs.

442719-5RD

442715-4RD-D

444119-12RD

445419-12RD

WORK CHESTS

Part No.	Capacity Cubic Inches	Number of Drawers	Width	Depth	Height	Weight (lbs.)
27" Chest with Drop Front						
442715-4RD-D	3,446	4	26¼"	12"	15"	72
442715-6RD-D	3,404	6	26¼"	12"	15"	74
442719-10RD-D	6,337	10	26¼"	18"	19"	142
442719-12RD-D	6,270	12	26¼"	18"	19"	156
27" Chest						
442719-5RD	6,522	5	26¼"	18"	23"	129
442719-6RD	6,452	6	26¼"	18"	19"	138
442719-8RD	6,392	8	26¼"	18"	19"	140
41" Chest						
444119-12RD	9,721	12	40½"	18"	23"	230
54" Chest						
445419-12RD	13,005	12	54"	18"	23"	220
Intermediate Chest						
442710-4RD-IC	2,790	45	26¼"	18"	10"	78

STANLEY PROTO

440 Standard Duty Series Chests & Cabinets

CABINETS

Part No.	Capacity Cubic Inches	Number of Drawers	Width	Depth	Height	Weight (lbs.)
27" Roller Cabinet						
442735-3RD	9,135	3	27"	18"	35"	150
442735-7RD	7,952	7	27"	18"	35"	175
442742-4RD	11,368	4	27"	18"	42"	172
442742-7RD	10,254	7	27"	18"	42"	180
442742-8RD	10,263	8	27"	18"	42"	187
442742-11RD	10,054	11	27"	18"	42"	202
442742-12RD	10,026	12	27"	18"	42"	210
Tool Tower						
442752-6RD	14,160	6	27"	18"	52"	200

442735-3RD

442742-11RD

552752-6RD

LOCKER AND SIDE CABINETS

Part No.	Capacity Cubic Inches	Number of Drawers	Width	Depth	Height	Weight (lbs.)
Hang-on Side Cabinet						
441529-6RD-SC	3,837	6	15"	18"	29"	150
441535-9RD-SC	4,837	97	15"	18"	35"	175
Locker Cabinet						
441558-4RD-LK	13,090	4	15"	18"	58"	125

441529-6RD-SC

441558-4RD-LK

WORKSTATIONS

Part No.	Capacity Cubic Inches	Number of Drawers	Width	Depth	Height	Weight (lbs.)
41" Workstation						
444142-6RD	16,519	6	41½"	18"	42"	248
444142-15RD	15,233	15	41½"	18"	42"	275
54" Workstation						
445442-14RD	20,508	14	54"	18"	42"	344

444142-6RD

445442-14RD

ACCESSORIES

Part No. 44SS-RD, Side shelve 15⅛" x 15".
Part No. 446x2-HRS, Hard rubber swivel casters, 6" x 2".
Part No. 446x2-HRR, Hard rubber rigid casters, 6" x 2".

STANLEY PROTO

Hand Boxes

GENERAL PURPOSE BOX WITH TRAY.

Part No. 9969, Red. Heavy duty side handles. 26" x 8½" x 9½".

GENERAL PURPOSE BOX WITH TRAY.

Part No. 9975, Red. 20" x 8½" x 9½".

GENERAL PURPOSE BOX WITH TRAY

Part No. 9971, Red. Hip roof design. 19" x 7" x 7".

GENERAL PURPOSE BOX WITH TRAY

Part No. 9977, Red. 19" x 7" x 7".

GENERAL PURPOSE BOX WITH TRAY

Part No. 9954, Red. 14" x 6" x 6½".

CANTILEVER BOX

Part No. 9951, Brown with red trays. 18" x 10" x 13".

PROTO
Hand Boxes

LOW PROFILE GENERAL PURPOSE BOX
Red, Ideal for socket sets. 19" x 6¼" x 3⅞"
Part No. 5496.

CARPENTER'S BOX
Brown with red tray. Removable tote tray and heavy duty side handles. 32" x 8½" x 9½".
Part No. 9979.

26" STRUCTURAL FOAM BOX
Brown. Will not dent, chip, or rust. Removable tote tray. 26" x 8¾" x 10½".
Part No. 9902.

20" STRUCTURAL FOAM BOX
Brown. Will not dent, chip, or rust. Removable tote tray. 20" x 8¾" x 10½".
Part No. 9901.

Socket Bars & Clips

SOCKET BARS
Part No. 2584, 6¼" length.
Part No. 2585, 9" length.
Part No. 2586, 13" length.
Part No. 2587, 17" length.

SOCKET CLIPS
All clips fit all bars.
Part No. 2590, 1/4" drive size.
Part No. 2591, 3/8" drive size.
Part No. 2592, 1/2" drive size.
Part No. 2594, 3/4"drive size.

1/4" Drive Fractional Socket Sets

PART NO.	DESCRIPTION
47120	**37 pc. 6 Point Socket Set** Includes sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Deep sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". 8 pt. Sockets: 1/4", 5/16", 3/8". Screwdriver bits: Phillips #1, #2; 1/4", 3/16", 1/4". Extensions: 2", 3", 6". Ratchet, 6" extension flex, 5¾" hinge handle. 6⅛" socket driver, universal joint, sliding T-handle, and metal box.
47118	**25 pc. 12 Point Socket Set** Includes sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Deep sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Ratchet. Extensions: 2", 6". Socket driver, 6⅛". Universal joint, metal box.
47116	**25 pc. 6 Point Socket Set** Includes sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Deep sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Ratchet. Extensions: 2", 6". Socket driver, 6⅛". Universal joint, metal box.
47114	**19 pc. 6 Point Socket Set** Includes sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Sockets, 8 pt.: 1/4", 5/16", 3/8". Ratchet. Extensions: 2", 6". Hinge handle, 5¾"; socket driver, 6⅛". Universal joint, metal box.
47112	**15 pc. 6 Point Socket Set** Includes sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Ratchet. Extensions: 2", 6". Socket driver, 6⅛". Universal joint, metal box.
47110	**12 pc. 12 Point Socket Set** Includes sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Ratchet. Socket driver, 6⅛". Metal box.
47108	**12 pc. 6 Point Socket Set** Includes sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Ratchet. Socket driver, 6⅛". Metal box.
47104	**10 pc. 12 Point Socket Set** Includes sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Socket bar, 6¼". Socket clips.
47106	**10 pc. 6 Point Socket Set** Includes sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Socket bar, 6¼". Socket clips.
47100	**10 pc. 12 Point Deep Socket Set** Includes deep sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Socket bar, 6¼". Socket clips.
47102	**10 pc. 6 Point Deep Socket Set** Includes deep sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Socket bar, 6¼". Socket clips.
47107	**9 pc. 12 Point Universal Socket Set** Includes universal sockets: 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16". Socket bar, 6¼". Socket clips.

1/4" Drive Fractional Sockets

1/4" DRIVE FRACTIONAL SOCKETS, STANDARD LENGTH

PART NO.	HEX	LENGTH
12 POINT		
4706T	3/16"	7/8"
4707T	7/32"	7/8"
4708T	1/4"	7/8"
4709T	9/32"	7/8"
4710T	5/16"	7/8"
4711T	11/32"	7/8"
4712T	3/8"	7/8"
4714T	7/16"	7/8"
4716T	1/2"	7/8"
4718T	9/16"	7/8"
8 POINT		
4708S	1/4"	7/8"
4710S	5/16"	7/8"
4712S	3/8"	7/8"
6 POINT		
4704	1/8"	7/8"
4705	5/32"	7/8"
4706	3/16"	7/8"
4707	7/32"	7/8"
4708	1/4"	7/8"
4709	9/32"	7/8"
4710	5/16"	7/8"
4711	11/32"	7/8"
4712	3/8"	7/8"
4714	7/16"	7/8"
4716	1/2"	7/8"
4718	9/16"	7/8"

1/4" DRIVE FRACTIONAL SOCKETS, DEEP LENGTH

PART NO.	HEX	LENGTH
12 POINT		
4706LT	3/16"	2"
4707LT	7/32"	2"
4708LT	1/4"	2"
4709LT	9/32"	2"
4710LT	5/16"	2"
4711LT	11/32"	2"
4712LT	3/8"	2"
4714LT	7/16"	2"
4716LT	1/2"	2"
4718LT	9/16"	2"
6 POINT		
4706L	3/16"	2"
4707L	7/32"	2"
4708L	1/4"	2"
4709L	9/32"	2"
4710L	5/16"	2"
4711L	11/32"	2"
4712L	3/8"	2"
4714L	7/16"	2"
4716L	1/2"	2"
4718L	9/16"	2"

1/4" DRIVE FRACTIONAL SOCKETS, UNIVERSAL

PART NO.	HEX	LENGTH
12 POINT		
4770T	7/32"	1-1/4"
4771T	1/4"	1-1/4"
4777T	9/32"	1-1/4"
4772T	5/16"	1-1/4"
4778T	11/32"	1-1/4"
4773T	3/8"	1-1/4"
4774T	7/16"	1-1/4"
4775T	1/2"	1-1/4"
4776T	9/16"	1-21/64"
6 POINT		
4771	1/4"	1-5/32"
4772	5/16"	1-5/32"
4773	3/8"	1-5/32"
4774	7/16"	1-17/64"

STANLEY PROTO®

1/4" Drive Fractional Bits

1/4" DRIVE FRACTIONAL BIT SETS

PART NO.	DESCRIPTION
4770-11	**11 pc. Hex Bit Set** Includes hex bits: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16". Socket bar 6¼". Socket clip (11).
4739C	**6 pc. Torx® Bit Set** Includes Torx bits: T10, T15, T20, T25, T27, T30. Socket bar 6¼". Socket clip (6).

1/4" DRIVE HEX BITS

PART NO.	HEX
4770-1/16	1/16"
4770-5/64	5/64"
4770-3/32	3/32"
4770-7/64	7/64"
4770-1/8	1/8"
4770-9/64	9/64"
4770-5/32	5/32"
4770-3/16	3/16"
4770-7/32	7/32"
4770-1/4	1/4"
4770-5/16	5/16"

1/4" DRIVE STANDARD SCREWDRIVER BITS

PART NO.	SLOT	LENGTH
4743	1/4"	1-1/4"
4744	3/16"	1-7/8"
4745	1/4"	1-7/8"

1/4" DRIVE PHILLIPS SCREWDRIVER BITS

PART NO.	SIZE	LENGTH
4737	No. 1	1-1/16"
4738	No. 2	1-1/16"

1/4" DRIVE TORX® BITS

PART NO.	SIZE
4739-10W	T10
4739-15W	T15
4739-20W	T20
4739-25W	T25
4739-27W	T27
4739-30W	T30

1/4" Drive Metric Sockets

47204

47200

47202

PART NO.	DESCRIPTION
47206	**29 pc. 6 Point Socket Set** Includes sockets: 4 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm. Deep sockets: 4 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm. Ratchet. Extensions: 2", 6". Socket driver, 6⅛". Universal joint, metal box.
47204	**17 pc. 6 Point Socket Set** Includes sockets: 4 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm. Ratchet. Extensions: 2", 6". Socket driver, 6⅛". Universal joint, metal box.
47201	**11 pc. 12 Point Socket Set** Includes sockets: 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm. Socket bar, 9". Socket clips.
47200	**12 pc. 6 Point Socket Set** Includes sockets: 4 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm , 11 mm, 12 mm, 13 mm, 14 mm. Socket bar, 9". Socket clips.
47202	**12 pc. 6 Point Deep Socket Set** Includes deep sockets: 4 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm. Socket bar, 9". Socket clips.

1/4" DRIVE METRIC SOCKETS, STANDARD LENGTH - 12 Point

PART NO.	HEX	LENGTH
4705TM	5 mm	22.2 mm
47055TM	5.5 mm	22.2 mm
4706TM	6 mm	22.2 mm
4707TM	7 mm	22.2 mm
4708TM	8 mm	22.2 mm
4709TM	9 mm	22.2 mm
4710TM	10 mm	22.2 mm
4711TM	11 mm	22.2 mm
4712TM	12 mm	22.2 mm
4713TM	13 mm	22.2 mm
4714TM	14 mm	22.2 mm

1/4" DRIVE METRIC SOCKETS, STANDARD LENGTH - 6 Point

PART NO.	HEX	LENGTH
4704M	4 mm	22.2 mm
47045M	4.5 mm	22.2 mm
4705M	5 mm	22.2 mm
47055M	5.5 mm	22.2 mm
4706M	6 mm	22.2 mm
4707M	7 mm	22.2 mm
4708M	8 mm	22.2 mm
4709M	9 mm	22.2 mm
4710M	10 mm	22.2 mm
4711M	11 mm	22.2 mm
4712M	12 mm	22.2 mm
4713M	13 mm	22.2 mm
4714M	14 mm	22.2 mm
4715M	15 mm	22.2 mm

1/4" DRIVE METRIC SOCKETS, DEEP LENGTH - 6 Point

PART NO.	HEX	LENGTH
4704LM	4 mm	50.5 mm
4705LM	5 mm	50.5 mm
47055LM	5.5 mm	50.5 mm
4706LM	6 mm	50.5 mm
4707LM	7 mm	50.5 mm
4708LM	8 mm	50.5 mm
4709LM	9 mm	50.5 mm
4710LM	10 mm	50.5 mm
4711LM	11 mm	50.5 mm
4712LM	12 mm	50.5 mm
4713LM	13 mm	50.5 mm
4714LM	14 mm	50.5 mm

STANLEY PROTO®

1/4" Drive Metric Bits

1/4" DRIVE METRIC HEX BITS

PART NO.	HEX
4770-2M	2 mm
4770-2.5M	2.5 mm
4770-3M	3 mm
4770-4M	4 mm
4770-5M	5 mm
4770-6M	6 mm

6 PC. METRIC HEX BIT SET

Part No. 4770-6, Includes Hex bits: 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm. Socket bar, 6-1/4". Socket clip (6).

1/4" Drive Ratchets & Accessories

4752A

4766

4761

4765

4769

4785

5255

4770

Part No. 4752A, Standard length round head ratchet, 4-5/8", 4° ratcheting angle, speeder ring.
Part No. 4759, Standard extension, 2".
Part No. 4760, Standard extension, 3".
Part No. 4761, Standard extension, 6".
Part No. 4763, Standard extension, 14".
Part No. 4765, Flexible extension, 6".
Part No. 4766, Hinge handle, 5-3/4".
Part No. 4785, Sliding T handle, 4-1/2".
Part No. 4780, Speed handle, 16-1/6".
Part No. 4769, Socket driver, 6".
Part No. 4764, Flexible driver, 6-3/4".
Part No. 4770, Universal joint, 1-5/16".
Part No. 5255, Adapter, 3/8"F x 1/4"M.
Part No. 5256, Adapter, 1/4"F x 3/8"M.
Part No. 61352, Extension, 2" - 1/4" hex shank to 1/4" male square.

3/8" Drive Fractional Sockets

3/8" DRIVE FRACTIONAL SOCKET SETS

PART NO.	DESCRIPTION
52140	**58 pc. Socket Set** Includes 12 point Sockets: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1". Deep Sockets: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1". Universal Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4". Sockets, 8 pt.: 1/4", 5/16", 3/8", 7/16", 1/2". Hex bits: 1/8", 1/4", 5/32", 3/16", 5/16", 7/32", 3/8". Screwdriver bits: Phillips #2, #3, #4; 1/4". Ratchet, ratchet adapter. Extensions: 3", 6", 12". Hinge handle, 7-7/8". Universal joint; speed handle, 16-7/8". Sliding T handle, metal box.
52142	**58 pc. Socket Set** Same as #52140, except without box.
52138	**33 pc. Socket Set** Includes 12 point Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8". Deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8". Sockets, 8 pt.: 1/4", 5/16", 3/8". Universal sockets: 7/16", 1/2", 9/16", 5/8", 3/4". Ratchet. Extensions: 3", 6", 12". Hinge handle, 7-7/8". Universal joint; speed handle, 16-7/8"; metal box.
52134	**22 pc. Socket Set** Includes 6 point Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8". Deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8". Ratchet. Extensions: 3", 6". Universal joint; metal box.
47152	**22 pc. Socket Set** Includes 6 point (1/4" and Sockets, 1/4" dr.: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8" drive) 3/8". Socket driver, 1/4" drive. Sockets, 3/8" dr.: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1". Ratchet, 3/8" drive. Adapter, 3/8"F x 1/4"M. Extensions: 3" (3/8" drive), 6" (3/8" drive). Metal box.
52128	**12 pc. Socket Set** Includes 6 point Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8". Ratchet. Extensions: 3", 6". Metal box.
52124	**13 pc. Socket Set** Includes 12 point Sockets: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1". Socket bar, 13". Socket clips.
52126	**13 pc. Socket Set** Includes 6 point Sockets: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1". Socket bar, 13". Socket clips
52122	**10 pc. Socket Set** Includes 6 point Sockets: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8". Socket bar, 9". Socket clips.
52112	**13 pc. Deep Socket Set** Includes 12 point Deep sockets: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1". Socket bar, 13". Socket clips.
52111	**10 pc. Deep Socket Set** Includes 6 point Deep sockets: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8". Socket bar, 9". Socket clips.
52102	**7 pc. Universal Socket Set** Includes 12 point Universal sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4". Socket bar, 6-1/4". Socket clips.
52100	**7 pc. Universal Socket Set** Includes 6 point Universal sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4". Socket bar, 6-1/4". Socket clips.

52140

52124

52112

52100

STANLEY PROTO

3/8" DRIVE FRACTIONAL SOCKETS, STANDARD LENGTH

PART NO.	HEX	LENGTH
12 POINT		
5208	1/4"	1-3/32"
5210	5/16"	1-3/32"
5212	3/8"	1-3/32"
5214	7/16"	1-3/32"
5216	1/2"	1-1/8"
5218	9/16"	1-1/8"
5220	5/8"	1-1/8"
5222	11/16"	1-1/8"
5224	3/4"	1-3/16"
5226	13/16"	1-3/16"
5228	7/8"	1-5/16"
5230	15/16"	1-5/16"
5232	1"	1-3/8"
8 POINT		
5208S	1/4"	1-5/64"
5210S	5/16"	1-5/64"
5212S	3/8"	1-5/64"
5214S	7/16"	1-5/64"
5216S	1/2"	1-1/8"
6 POINT		
5208H	1/4"	1-3/32"
5210H	5/16"	1-3/32"
5212H	3/8"	1-3/32"
5214H	7/16"	1-3/32"
5216H	1/2"	1-1/8"
5218H	9/16"	1-1/8"
5220H	5/8"	1-1/8"
5222H	11/16"	1-1/8"
5224H	3/4"	1-3/16"
5226H	13/16"	1-3/16"
5228H	7/8"	1-5/16"
5230H	15/16"	1-5/16"
5232H	1"	1-3/8"

3/8" DRIVE FRACTIONAL SOCKETS, DEEP LENGTH

PART NO.	HEX	LENGTH
12 POINT		
5008	1/4"	2-1/8"
5010	5/16"	2-1/8"
5012X	3/8"	2-1/8"
5014X	7/16"	2-1/8"
5016	1/2"	2-1/8"
5018	9/16"	2-1/8"
5020	5/8"	2-3/4"
5022	11/16"	2-3/4"
5024	3/4"	2-3/4"
5026	13/16"	2-3/4"
5028	7/8"	2-3/4"
5030	15/16"	2-3/4"
5032	1"	2-3/4"
6 POINT		
5008H	1/4"	2-1/64"
5010H	5/16"	2-1/64"
5012H	3/8"	2-1/64"
5014H	7/16"	2-1/64"
5016H	1/2"	2-1/64"
5018H	9/16"	2-1/64"
5020H	5/8"	2-3/4"
5022H	11/16"	2-3/4"
5024H	3/4"	2-3/4"
5026H	13/16"	2-3/4"
5028H	7/8"	2-3/4"
5030H	15/16"	2-3/4"
5032H	1"	2-3/4"

3/8" DRIVE FRACTIONAL SOCKETS, STANDARD LENGTH, PROTOBLACK™

PART NO.	HEX	LENGTH
12 POINT		
5210B	5/16"	1-3/64"
5212B	3/8"	1-3/64"
5214B	7/16"	1-3/64"
5216B	1/2"	1-1/8"
5218B	9/16"	1-1/8"
5220B	5/8"	1-1/8"
5222B	11/16"	1-1/8"

3/8" DRIVE FRACTIONAL SOCKETS, UNIVERSAL

PART NO.	HEX	LENGTH
12 POINT		
5272	5/16"	1-13/16"
5273	3/8"	1-13/16"
5274	7/16"	1-13/16"
5275	1/2"	1-59/64"
5276	9/16"	1-59/64"
5277	5/8"	2-5/64"
5278	11/16"	2-5/32"
5279	3/4"	2-15/64"
5280T	13/16"	1-15/16"
5281T	7/8"	2-1/32"
5282T	15/16"	2-3/32"
5283T	1"	2-3/16"
6 POINT		
5272H	5/16"	1-13/16"
5273H	3/8"	1-13/16"
5274H	7/16"	1-13/16"
5275H	1/2"	1-59/64"
5276H	9/16"	1-59/64"
5277H	5/8"	2-5/64"
5278H	11/16"	2-5/32"
5279H	3/4"	2-15/64"

3/8" Drive Fractional Sockets

3/8" DRIVE FRACTIONAL SOCKETS, DEEP LENGTH UNIVERSAL - 6 Point

PART NO.	HEX	LENGTH
5274LH	7/16"	2-17/32"
5275LH	1/2"	2-17/32"
5276LH	9/16"	2-15/32"
5277LH	5/8"	2-15/32"

3/8" DRIVE FRACTIONAL SPARK PLUG SOCKETS - 6 Point

PART NO.	HEX	LENGTH
5020-50	5/8"	2-1/2"
5026HPA	13/16"	2-1/2"

3/8" DRIVE FRACTIONAL UNIVERSAL SPARK PLUG SOCKETS - 6 Point

PART NO.	HEX	LENGTH
5020-70	5/8"	3-3/8"
5026-50	13/16"	3-3/8"

3/8" Drive Fractional Bits

4900A

4900AC

4900BD

3/8" DRIVE FRACTIONAL BIT SETS

PART NO.	DESCRIPTION
4900A	**10 pc. Hex Bit Set** Includes 3/8" and 1/2" Drive Hex bits, 3/8" dr.: 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8". Hex bits, 1/2" dr.: 1/2", 9/16", 5/8". Blow molded box.
4900AC	**10 pc. Hex Bit Set** Includes 3/8" and 1/2" Drive Hex bits, 3/8" dr.: 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8". Hex bits, 1/2" dr.: 1/2", 9/16", 5/8". Socket bar, 9". Socket clips.
4900-7C	**7 pc. Hex Bit Set** Includes Hex bits: 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8". Socket bar, 6¼". Socket clips.
4990-7XL	**7 pc. Extra Long Hex Bit Set** Includes Hex bits: 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8". Socket bar, 6¼". Socket clips.
4900BD	**7 pc. Ball Style Extra Long Hex Bit Set** Includes Hex bits: 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8". Socket bar, 6¼". Socket clips.
5239C	**8 pc. Torx® Bit Set** Includes Torx bits: T15, T20, T25, T27, T30, T40, T45, T50. Socket bar, 6¼". Socket clips.
5238C	**6 pc. Torx Bit Set** Includes Torx bits: T15, T20, T25, T27, T30, T40. Socket bar, 6¼". Socket clips.

3/8" DRIVE STANDARD SCREWDRIVER BITS

PART NO.	SIZE
5246	1/4"
5240	5/16"

3/8" DRIVE HEX BITS

PART NO.	HEX
4990-1/8	1/8"
4990-5/32	5/32"
4990-3/16	3/16"
4990-7/32	7/32"
4990-1/4	1/4"
4990-5/16	5/16"
4990-3/8	3/8"

4990-1/8

3/8" DRIVE EXTRA LONG HEX BITS - 5"

PART NO.	HEX
4990-1/8XL	1/8"
4990-5/32XL	5/32"
4990-3/16XL	3/16"
4990-7/32XL	7/32"
4990-1/4XL	1/4"
4990-5/16XL	5/16"
4990-3/8XL	3/8"

4990-1/8XL

3/8" DRIVE BALL STYLE EXTRA LONG HEX BITS - 5"

PART NO.	HEX
4904BD	1/8"
4905BD	5/32"
4906BD	3/16"
4907BD	7/32"
4908BD	1/4"
4910BD	5/16"
4912BD	3/8"

4904BD

3/8" DRIVE DRAG LINK SOCKET

PART NO.	SIZE
5244	11/16"

3/8" DRIVE TORX BITS

PART NO.	SIZE
5239-10W	T10
5239-15W	T15
5239-20W	T20
5239-25W	T25
5239-27W	T27
5239-30W	T30
5239-40W	T40
5239-45W	T45
5239-50W	T50

3/8" DRIVE PHILLIPS SCREWDRIVER BITS

PART NO.	SIZE
5241	No. 2
5242	No. 3
5243	No. 4

3/8" Drive Fractional Specialty Tools

4900-9

5100

52006

3/8" DRIVE FRACTIONAL SPECIALTY TOOL SETS

PART NO.	DESCRIPTION
4900-9	**9 pc. Crowfoot Wrench Set** Includes Crowfoot wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8". Socket bar, 13". Socket clips.
4900FL	**8 pc. Flare Nut Crowfoot Wrench Set** Includes Flare nut crowfoot wrenches: 5/8", 11/16", 3/4", 13/16", 12 point 7/8", 15/16", 1", 1-1/16". Socket bar, 13". Socket clips.
5100	**9 pc. Torque Adapter Set** Includes Torque Adapters: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8". Holder.
52006	**6 pc. Adapter Set** Includes Hand Adapters: 3/8"F x 1/4"M, 1/4"F x 3/8"M, 3/8"F x 1/2"M. Impact Adapters: 1/2"F x 3/8"M, 1/2"F x 3/4"M, 3/4"F x 1/2"M. Socket bar, 6¼". Socket clips.

3/8" DRIVE CROWFOOT WRENCHES

PART NO.	SIZE
4912	3/8"
4914	7/16"
4916	1/2"
4918	9/16"
4920	5/8"
4922	11/16"
4924	3/4"
4926	13/16"
4928	7/8"
4932	1"
4940	1-1/4"
4944	1-3/8"

3/8" DRIVE FLARE NUT CROWFOOT WRENCHES - 12 Point

PART NO.	SIZE
4920FL	5/8"
4922FL	11/16"
4924FL	3/4"
4926FL	13/16"
4928FL	7/8"
4930FL	15/16"
4932FL	1"
4934FL	1-1/16"

STANLEY PROTO

3/8" Drive Metric Sockets

3/8" DRIVE METRIC SOCKET SETS

PART NO.	DESCRIPTION
52226	**57 pc. Metric Socket Set** Includes 12 point Sockets: 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm. Deep sockets: 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm. Universal sockets: 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm. Hex bits: 4 mm, 5 mm, 6 mm, 7 mm, 8 mm, 10 mm. Screwdriver bits: Phillips #2, #3, #4; 1/4". Ratchet adapter. Ratchet. Extensions: 3", 6", 12". Hinge handle, 7-7/8". Universal joint; speed handle, 16-7/8". Sliding T handle. Metal box.
52228	**57 pc. Metric Socket Set** Same as #52226, except without box.
52222	**29 pc. Metric Socket Set** Includes 12 point Sockets: 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm. Deep sockets: 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm. Ratchet. Extensions: 3", 6". Hinge handle, 7-7/8". Universal joint; metal box.
52224	**20 pc. Metric Socket Set** Includes 12 point Sockets: 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm. Ratchet. Extensions: 3", 12". Hinge handle, 7-7/8". Universal joint; speed handle, 16-7/8". Metal box.
52218	**16 pc. Metric Socket Set** Includes 12 point Sockets: 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm. Ratchet. Extension, 6"; metal box.
52200	**7 pc. Metric Universal Socket Set** Includes 12 point Universal sockets: 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm. Socket bar, 6¼". Socket clips.

52226

52200

3/8" DRIVE METRIC SOCKETS, STANDARD LENGTH

PART NO.	HEX	LENGTH
12 POINT		
5206M	6 mm	27.8 mm
5207M	7 mm	27.8 mm
5208M	8 mm	27.8 mm
5209M	9 mm	27.8 mm
5210M	10 mm	27.8 mm
5211M	11 mm	27.8 mm
5212M	12 mm	28.5 mm
5213M	13 mm	28.5 mm
5214M	14 mm	28.5 mm
5215M	15 mm	28.5 mm
5216M	16 mm	28.5 mm
5217M	17 mm	28.5 mm
5218M	18 mm	30.1 mm
5219M	19 mm	30.1 mm
5220M	20 mm	30.1 mm
5221M	21 mm	31.2 mm
5222M	22 mm	33.5 mm
6 POINT		
5206MH	6 mm	27.8 mm
5207MH	7 mm	27.8 mm
5208MH	8 mm	27.8 mm
5209MH	9 mm	27.8 mm
5210MH	10 mm	27.8 mm
5211MH	11 mm	27.8 mm
5212MH	12 mm	28.5 mm
5213MH	13 mm	28.5 mm
5214MH	14 mm	28.5 mm
5215MH	15 mm	28.5 mm
5216MH	16 mm	28.5 mm
5217MH	17 mm	28.5 mm
5218MH	18 mm	30.1 mm
5219MH	19 mm	30.1 mm

3/8" DRIVE METRIC SOCKETS, DEEP LENGTH

PART NO.	HEX	LENGTH
12 POINT		
5006M	6 mm	54.0 mm
5007M	7 mm	54.0 mm
5008M	8 mm	54.0 mm
5009M	9 mm	54.0 mm
5010M	10 mm	54.0 mm
5011M	11 mm	54.0 mm
5012M	12 mm	54.0 mm
5013M	13 mm	54.0 mm
5014M	14 mm	54.0 mm
5015M	15 mm	69.9 mm
5016M	16 mm	69.9 mm
5017M	17 mm	69.9 mm
5018M	18 mm	69.9 mm
5019M	19 mm	69.9 mm
5020M	20 mm	69.9 mm
6 POINT		
5006MH	6 mm	54.0 mm
5007MH	7 mm	54.0 mm
5008MH	8 mm	54.0 mm
5009MH	9 mm	54.0 mm
5010MH	10 mm	54.0 mm
5011MH	11 mm	54.0 mm
5012MH	12 mm	54.0 mm
5013MH	13 mm	54.0 mm
5014MH	14 mm	54.0 mm
5015MH	15 mm	69.9 mm
5016MH	16 mm	69.9 mm
5017MH	17 mm	69.9 mm
5018MH	18 mm	69.9 mm
5019MH	19 mm	69.9 mm
5020MH	20 mm	69.9 mm
5021MH	21 mm	69.9 mm
5022MH	22 mm	69.9 mm
5023MH	23 mm	69.9 mm

3/8" DRIVE METRIC SOCKETS, UNIVERSAL

PART NO.	HEX	LENGTH
12 POINT		
5272M	9 mm	44.4 mm
5273M	10 mm	44.4 mm
5274M	11 mm	44.4 mm
5275M	12 mm	44.4 mm
5276M	13 mm	44.4 mm
5277M	14 mm	47.7 mm
5278M	15 mm	47.7 mm
5279M	16 mm	48.0 mm
5280M	17 mm	48.0 mm
5282M	19 mm	48.7 mm
6 POINT		
5271MH	8 mm	44.7 mm
5273MH	10 mm	44.7 mm
5274MH	11 mm	44.7 mm
5275MH	12 mm	44.7 mm
5276MH	13 mm	44.7 mm
5277MH	14 mm	47.6 mm

STANLEY PROTO®

4900-MCF

3/8" Drive Metric Bits & Specialty Tools

3/8" DRIVE TOOL SETS

PART NO.	DESCRIPTION
4900MA	**10 pc. Metric Hex Bit Set** Includes Hex bits: 3/8" Dr.: 4 mm, 5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 1/2" Dr.: 12 mm, 14 mm, 17 mm. Blow molded box.
4990-SMXL	**6 pc. Metric Extra Long Hex Bit Set** Includes Extra long hex bits: 4 mm, 5 mm, 6 mm, 7 mm, 8 mm, 10 mm. Socket bar, 6¼". Socket clips.
4900-MCF	**13 pc. Metric Crowfoot Wrench Set** Includes Crowfoot wrenches: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm. Socket bar, 17". Socket clips.

4900MA

3/8" Drive Specialty Tools

3/8" DRIVE METRIC HEX BITS

PART NO.	HEX
4990-4M	4 mm
4990-5M	5 mm
4990-6M	6 mm
4990-7M	7 mm
4990-8M	8 mm
4990-9M	9 mm
4990-10M	10 mm

3/8" DRIVE METRIC CROWFOOT WRENCHES

PART NO.	SIZE
4910M	10 mm
4911M	11 mm
4912M	12 mm
4913M	13 mm
4914M	14 mm
4915M	15 mm
4916M	16 mm
4917M	17 mm
4918M	18 mm
4919M	19 mm
4920M	20 mm
4921M	21 mm
4922M	22 mm

5252A

5261

5266

5268

5285

5270

5255

3/8" Drive Ratchets & Accessories

Part No. 5248S, Miniature pear head ratchet, 3/8" sq. dr. in 1/4" body, 5" length.
Part No. 5249FW, Female drive pear head ratchet, 7".
Part No. 5252A, Standard length round head ratchet, 7-1/2", 4° ratcheting angle, speeder ring.
Part No. 5257A, Flex head round head ratchet, 11", 180° flex, 4° ratcheting angle, speeder ring.
Part No. 5259, Standard extension, 1-3/4".
Part No. 5260, Standard extension, 3".
Part No. 5260-06, Standard extension, 6".
Part No. 5261, Standard extension, 8".
Part No. 5262, Standard extension, 12".
Part No. 5263, Standard extension, 17-3/16".
Part No. 5259W, Wobble extension, 1-3/4", provides up to a 17° angle of operation.
Part No. 5260W, Wobble extension, 3", provides up to a 17° angle of operation.
Part No. 5260-06W, Wobble extension, 6", provides up to a 17° angle of operation.
Part No. 5261W, Wobble extension, 8", provides up to a 17° angle of operation.
Part No. 5262W, Wobble extension, 12", provides up to a 17° angle of operation.
Part No. 5263W, Wobble extension, 17-3/16", provides up to a 17° angle of operation.
Part No. 5268, Flexible extension, 8-1/8".
Part No. 61502, Extension, 2" - 1/4" hex shank to 3/8" male square.
Part No. 5265, Hinge handle, 8-1/2".
Part No. 5266, Hinge handle, 12".
Part No. 5285, Sliding T handle, 8".
Part No. 5280, Speed handle, 17".
Part No. 5267, Flexible driver, 9-1/8".
Part No. 5270, Universal joint, 1-7/8".
Part No. 5256, Adapter, 1/4"F x 3/8"M.
Part No. 5253, Adapter, 3/8"F x 1/2"M.
Part No. 5255, Adapter, 3/8"F x 1/4"M.
Part No. 5254, Adapter, 1/2"F x 3/8"M.
Part No. 5251, Ratchet spinner, 1-1/4".

54130

54126

1/2" Drive Fractional Sockets

1/2" DRIVE FRACTIONAL SOCKET SETS

PART NO.	
54130	**65 pc. Socket Set** Includes 12 point Sockets: 3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8", 29/32", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2". Deep sockets: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4". Universal sockets: 1/2", 9/16", 5/8". Sockets, 8 pt.: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 1". Hex bits: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8". Screwdriver bit, 3/4". Ratchet adapter; ratchet; ratchet (long handle). Extensions: 2-1/2", 5", 10". Hinge handle, 18-5/8". Universal joint; speed handle, 18". Sliding T handle; 4 drawer top chest w/ tray.
54132	**65 pc. Socket Set** Same as #54130 except without top chest.
54126	**30 pc. Socket Set** Includes 12 point Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4". Deep sockets: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4". Ratchet. Extensions: 5", 10". Hinge handle, 15-3/4". Metal box.
54128	**27 pc. Tool Set** Includes 12 point Combination wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4". Tongue and groove pliers, 9-1/2". Spark plug socket, 5/8". Sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4". Ratchet. Extensions: 5", 10". Hinge handle, 15-3/4". Universal joint; metal box.
54124	**26 pc. Socket Set** Includes 12 point Sockets: 3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 21/32", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 31/32", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4". Ratchet. Extensions: 2-1/2", 5", 10". Hinge handle, 18-5/8". Universal joint. Speed handle, 18"; metal box.
54120	**18 pc. Socket Set** Includes 12 point Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4". Ratchet. Extension, 5". Hinge handle, 15-3/4". Metal box.

1/2" Drive Fractional Sockets

1/2" DRIVE FRACTIONAL SOCKET SETS

PART NO.	DESCRIPTION
54122	**18 pc. Socket Set** Includes 6 point Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4". Ratchet. Extension, 5". Hinge handle, 15-3/4". Metal box.
54118	**16 pc. Socket Set** Includes 12 point Sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1". Ratchet. Extensions: 5", 10". Hinge handle, 15-3/4". Universal joint; speed handle, 18". Metal box.
54116	**12 pc. Socket Set** Includes 12 point Sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1". Ratchet. Extension, 5". Metal box.
54114	**15 pc. Socket Set** Includes 12 point Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4". Socket bar, 17". Socket clips.
54110	**15 pc. Socket Set** Includes 6 point Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4". Socket bar, 17". Socket clips.
54105	**19 pc. Deep Socket Set** Includes 12 point Deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2". Socket bar, 17". Socket clips.
54101	**19 pc. Deep Socket Set** Includes 6 point Deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2". Socket bar, 17". Socket clips.
54302	**15 pc. Protoblack™ Socket Set** Includes 12 point black oxide finish Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4". Socket bar, 17". Socket clips.
54300	**11 pc. Protoblack™ Deep Socket Set** Includes Deep 12 point black oxide finish sockets: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8". Socket bar, 13". Socket clips.

54122

54101

54300

1/2" DRIVE FRACTIONAL SOCKETS

PART NO.	HEX	LENGTH
6 POINT - STANDARD LENGTH		
5412H	3/8"	1-31/64"
5414H	7/16"	1-31/64"
5416H	1/2"	1-31/64"
5418H	9/16"	1-1/2"
5420H	5/8"	1-1/2"
5422H	11/16"	1-1/2"
5424H	3/4"	1-1/2"
5426H	13/16"	1-1/2"
5428H	7/8"	1-9/16"
5430H	15/16"	1-9/16"
5432H	1"	1-9/16"
5434H	1-1/16"	1-41/64"
5436H	1-1/8"	1-3/4"
5438H	1-3/16"	1-3/4"
5440H	1-1/4"	1-55/64"
5442H	1-5/16"	1-3/4"
5444H	1-3/8"	2-1/8"
5446H	1-7/16"	2-1/8"
5448H	1-1/2"	2-1/4"
12 POINT - STANDARD LENGTH		
5412	3/8"	1-31/64"
5414	7/16"	1-31/64"
5416	1/2"	1-31/64"
5418	9/16"	1-1/2"
5419	19/32"	1-1/2"
5420	5/8"	1-1/2"
5421	21/32"	1-1/2"
5422	11/16"	1-1/2"
5424	3/4"	1-1/2"
5425	25/32"	1-1/2"
5426	13/16"	1-1/2"
5428	7/8"	1-9/16"
5429	29/32"	1-9/16"
5430	15/16"	1-9/16"
5431	31/32"	1-9/16"
5432	1"	1-9/16"
5434	1-1/16"	1-5/8"
5436	1-1/8"	1-3/4"
5438	1-3/16"	1-3/4"
5440	1-1/4"	1-55/64"
5442	1-5/16"	1-3/4"
5444	1-3/8"	2"
5446	1-7/16"	2-1/8"
5448	1-1/2"	2-1/4"

PART NO.	HEX	LENGTH
8 POINT - STANDARD LENGTH		
5412S	3/8"	1-7/16"
5414S	7/16"	1-7/16"
5416S	1/2"	1-7/16"
5418S	9/16"	1-1/2"
5420S	5/8"	1-1/2"
5422S	11/16"	1-1/2"
5424S	3/4"	1-1/2"
5426S	13/16"	1-5/8"
5428S	7/8"	1-5/8"
5432S	1"	1-3/4"
6 POINT - DEEP LENGTH		
5312H	3/8"	3-1/4"
5314H	7/16"	3-1/4"
5316H	1/2"	3-1/4"
5318H	9/16"	3-1/4"
5320H	5/8"	3-1/4"
5322H	11/16"	3-1/4"
5324H	3/4"	3-1/4"
5326H	13/16"	3-1/4"
5328H	7/8"	3-1/4"
5330H	15/16"	3-1/4"
5332H	1"	3-1/4"
5334H	1-1/16"	3-1/4"
5336H	1-1/8"	3-1/4"
5338H	1-3/16"	3-1/4"
5340H	1-1/4"	3-1/4"
5342H	1-5/16"	3-1/2"
5344H	1-3/8"	3-1/2"
5346H	1-7/16"	3-1/2"
5348H	1-1/2"	3-1/2"
12 POINT - DEEP LENGTH		
5312	3/8"	3-1/4"
5314	7/16"	3-1/4"
5316	1/2"	3-1/4"
5318	9/16"	3-1/4"
5320	5/8"	3-1/4"
5322	11/16"	3-1/4"
5324	3/4"	3-1/4"
5326	13/16"	3-1/4"
5328	7/8"	3-1/4"
5330	15/16"	3-1/4"
5332	1"	3-1/4"
5334	1-1/16"	3-1/4"
5336	1-1/8"	3-1/4"

PART NO.	HEX	LENGTH
12 POINT - DEEP LENGTH		
5338	1-3/16"	3-1/4"
5340	1-1/4"	3-1/4"
5342	1-5/16"	3-1/2"
5344	1-3/8"	3-1/2"
5346	1-7/16"	3-1/2"
5348	1-1/2"	3-1/2"

1/2" DRIVE FRACTIONAL SOCKETS, PROTOBLACK™ SERIES

•Black oxide finish — hand use only.

PART NO.	HEX	LENGTH
12 POINT - STANDARD LENGTH		
5412B	3/8"	1-1/2"
5414B	7/16"	1-1/2"
5416B	1/2"	1-1/2"
5420B	5/8"	1-1/2"
5422B	11/16"	1-1/2"
5424B	3/4"	1-1/2"
5426B	13/16"	1-1/2"
5428B	7/8"	1-9/16"
5430B	15/16"	1-9/16"
5432B	1"	1-9/16"
5434B	1-1/16"	1-5/8"
5440B	1-1/4"	1-21/32"
5442B	1-5/16"	1-7/8"
5444B	1-3/8"	2"
5446B	1-7/16"	2-1/8"
5448B	1-1/2"	3-1/4"
12 POINT - DEEP LENGTH		
5316B	1/2"	3-1/4"
5318B	9/16"	3-1/4"
5320B	5/8"	3-1/4"
5322B	11/16"	3-1/4"
5324B	3/4"	3-1/4"
5326B	13/16"	3-1/4"
5328B	7/8"	3-1/4"
5330B	15/16"	3-1/4"
5332B	1"	3-1/4"
5334B	1-1/16"	3-1/4"
5336B	1-1/8"	3-1/4"
5340B	1-1/4"	3-1/4"

STANLEY
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1/2" Drive Fractional Sockets

1/2" DRIVE FRACTIONAL SPARK PLUG SOCKETS - 6 Point

•With rubber insert.

PART NO.	HEX	LENGTH
5320-50	5/8"	2-1/2"
5326HPA	13/16"	2-47/64"

1/2" DRIVE FRACTIONAL SOCKETS, UNIVERSAL - 12 Point

PART NO.	HEX	LENGTH
5475	1/2"	2-3/16"
5476	9/16"	2-7/32"
5477	5/8"	2-11/32"

1/2" Drive Fractional Bits

1/2" DRIVE FRACTIONAL BIT SETS

7 pc. Hex Bit Set

Includes Hex bits: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8". Socket bar, 9". Socket clip.

Part No. 5441-7.

1/2" DRIVE EXTRA LONG HEX BITS

PART NO.	HEX
5441-1/4XL	1/4"
5441-5/16XL	5/16"
5441-3/8XL	3/8"
5441-1/2XL	1/2"
5441-9/16XL	9/16"
5441-5/8XL	5/8"

1/2" DRIVE HEX BITS

PART NO.	HEX
5441-1/4	1/4"
5441-5/16	5/16"
5441-3/8	3/8"
5441-7/16	7/16"
5441-1/2	1/2"
5441-9/16	9/16"
5441-5/8	5/8"
5441-3/4	3/4"

1/2" DRIVE DRAG LINK SOCKETS

PART NO.	SIZE
5444A	3/4"
5446A	15/16"

1/2" Drive Metric Sockets

54214

54208

1/2" DRIVE METRIC SOCKET SETS

PART NO.	DESCRIPTION
54216	**54 pc. Metric Socket Set** Includes 12 point Sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm, 25 mm, 26 mm, 27 mm, 28 mm, 29 mm, 30 mm, 32 mm, 36 mm. Deep sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 24 mm, 25 mm, 26 mm. Hex bits: 6 mm, 8 mm, 10 mm, 12 mm, 14 mm, 17 mm. Ratchet. Long handle ratchet. Extensions: 2-1/2", 5", 10". Hinge handle, 18-5/8". Universal joint. Speed handle, 18". Sliding T handle. 4 drawer top chest w/ tray.
54218	**54 pc. Metric Socket Set** Same as #54216, except without chest.
54214	**31 pc. Metric Socket Set** 12 point Sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm, 25 mm, 26 mm. Deep sockets: 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 24 mm, 25 mm, 26 mm. Ratchet. Extensions: 5", 10". Hinge handle, 15-3/4". Metal box.
54210	**22 pc. Metric Socket Set** 12 point Sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm, 25 mm, 26 mm. Ratchet. Extensions: 5", 10". Hinge handle, 18-5/8". Universal joint. Metal box.
54208	**16 pc. Metric Socket Set** Includes 12 point Sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm. Ratchet. Extension, 5". Metal box.
54206	**15 pc. Metric Socket Set** Includes 12 point Sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm,16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm. Socket bar, 17". Socket clips.

1/2" DRIVE METRIC SOCKETS - 12 Point

PART NO.	HEX	LENGTH
STANDARD LENGTH		
5410M	10 mm	36.4 mm
5411M	11 mm	36.4 mm
5412M	12 mm	36.4 mm
5413M	13 mm	36.4 mm
5414M	14 mm	36.4 mm
5415M	15 mm	36.4 mm
5416M	16 mm	36.4 mm
5417M	17 mm	36.4 mm
5418M	18 mm	36.4 mm
5419M	19 mm	36.4 mm
5420M	20 mm	38.0 mm
5421M	21 mm	38.0 mm

PART NO.	HEX	LENGTH
STANDARD LENGTH		
5422M	22 mm	39.0 mm
5423M	23 mm	39.0 mm
5424M	24 mm	39.0 mm
5425M	25 mm	39.0 mm
5426M	26 mm	39.0 mm
5427M	27 mm	42.5 mm
5428M	28 mm	45.2 mm
5429M	29 mm	45.2 mm
5430M	30 mm	45.2 mm
5431M	31 mm	45.2 mm
5432M	32 mm	45.2 mm
5436M	36 mm	56.8 mm

PART NO.	HEX	LENGTH
DEEP LENGTH		
5310M	10 mm	82.5 mm
5311M	11 mm	82.5 mm
5312M	12 mm	82.5 mm
5313M	13 mm	82.5 mm
5314M	14 mm	82.5 mm
5315M	15 mm	82.5 mm
5316M	16 mm	82.5 mm
5317M	17 mm	82.5 mm
5318M	18 mm	82.5 mm
5319M	19 mm	82.5 mm
5320M	20 mm	82.5 mm
5321M	21 mm	82.5 mm

PART NO.	HEX	LENGTH
DEEP LENGTH		
5322M	22 mm	82.5 mm
5323M	23 mm	82.5 mm
5324M	24 mm	82.5 mm
5325M	25 mm	82.5 mm
5326M	26 mm	82.5 mm
5327M	27 mm	82.5 mm
5328M	28 mm	82.5 mm
5329M	29 mm	82.5 mm
5330M	30 mm	82.5 mm
5331M	31 mm	82.5 mm
5332M	32 mm	82.5 mm

1/2" Drive Metric Bits

1/2" DRIVE METRIC BIT SETS

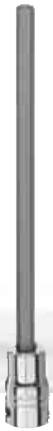
10 pc. Metric Hex Bit Set - Includes Hex bits: 6 mm, 8 mm, 10 mm, 12 mm, 13 mm, 14 mm, 15 mm, 17 mm, 18 mm, 19 mm. Socket bar, 13". Socket clips.
Part No. 5441-MA.

1/2" DRIVE METRIC HEX BITS

PART NO.	HEX
5441-6M	6 mm
5441-8M	8 mm
5441-10M	10 mm
5441-12M	12 mm
5441-13M	13 mm
5441-14M	14 mm
5441-15M	15 mm
5441-17M	17 mm
5441-18M	18 mm
5441-19M	19 mm

1/2" DRIVE METRIC EXTRA LONG HEX BITS

PART NO.	HEX
5441-12MXL	12 mm
5441-14MXL	14 mm
5441-17MXL	17 mm



1/2" Drive Ratchets & Accessories

Part No. 5452A, Standard length push button release round head ratchet, 10", 4° ratcheting angle with speeder ring.
Part No. 5454A, Long handle push button release round head ratchet, 16", 4° ratcheting angle with speeder ring.
Part No. 5452ABL, Standard length Protoblack™ round head ratchet, 10-1/8", push button release, 4° ratcheting angle with speeder ring, black oxide finish.
Part No. 5457A, Flex (round) head ratchet, 13", 180° flex, push button release, 4° ratcheting angle, speeder ring.
Part No. 5450FW, Long handle female drive pear head ratchet, 16".
Part No. 5460, Standard extension, 2-1/2".
Part No. 5461, Standard extension, 5".
Part No. 5463, Standard extension, 10".
Part No. 5464, Standard extension, 20".
Part No. 5465, Standard extension, 36".
Part No. 5460W, Wobble extension, 2-1/2", provides up to a 17° angle of operation.
Part No. 5461W, Wobble extension, 5", provides up to a 17° angle of operation.
Part No. 5463W, Wobble extension, 10", provides up to a 17° angle of operation.
Part No. 5464W, Wobble extension, 20", provides up to a 17° angle of operation.
Part No. 5460B, Protoblack™ extension, 2-1/2", black oxide finish.
Part No. 5461B, Protoblack™ extension, 5", black oxide finish.
Part No. 5463B, Protoblack™ extension, 10", black oxide finish.
Part No. 5466, Hinge handle, 10-7/8".
Part No. 5467, Hinge handle, 15-3/4".
Part No. 5468, Hinge handle, 18-5/8".
Part No. 5469, Hinge handle, 24".
Part No. 5468BL, Hinge handle, Protoblack™, 18-5/8", black oxide finish.
Part No. 5485, Sliding T handle, 12-15/16".
Part No. 5480, Speed handle, 18".
Part No. 5470, Universal joint, 2-5/8".
Part No. 5253, Adapter, 3/8"F x 1/2"M.
Part No. 5254, Adapter, 1/2"F x 3/8"M.
Part No. 5653, Adapter, 1/2"F x 3/4"M.
Part No. 5453, Adapter, 3/4"F x 1/2"M.
Part No. 5447, Ratchet adapter, 2-21/32".

5452A

5454A

5452ABL

5457A

5450FW

5457A

STANLEY
PROTO®

3/4" Drive Fractional Sockets

PART NO.	DESCRIPTION
55106	**42 pc. Socket Set** Includes 12 point & 6 point Sockets, 12 pt.: 3/4", 13/16", 7/8", 15/16", 1", 1-1/16",1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-9/16", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 2", 2-1/8", 2-3/16", 2-1/4", 2-3/8". Deep sockets, 6 pt.: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8". Ratchet. Extensions: 4", 8", 16". Hinge handle, 20". Universal joint; sliding T handle. Metal box.
55104	**29 pc. Socket Set** Includes 12 point Sockets: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-9/16", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 2", 2-1/8", 2-3/16", 2-1/4", 2-3/8". Ratchet. Extensions: 4", 8", 16". Hinge handle, 20". Universal joint; sliding T handle. Metal box.
55102	**20 pc. Socket Set** Includes 12 point Sockets: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-3/4", 1-13/16", 1-7/8", 2". Ratchet. Extensions: 8", 16". Hinge handle, 20". Sliding T handle; metal box.
55100	**13 pc. Socket Set** Includes 12 point Sockets: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2". Ratchet. Extension, 8". Metal box.

55104

55100

3/4" Drive Fractional Sockets

3/4" DRIVE FRACTIONAL SOCKETS, STANDARD LENGTH - 12 Point

PART NO.	HEX	LENGTH
5524	3/4"	2"
5526	13/16"	2"
5528	7/8"	2"
5530	15/16"	2"
5532	1"	2"
5534	1-1/16"	2"
5536	1-1/8"	2-7/32"
5538	1-3/16"	2-7/32"
5540	1-1/4"	2-15/64"
5542	1-5/16"	2-9/32"
5544	1-3/8"	2-9/32"
5546	1-7/16"	2-13/32"
5548	1-1/2"	2-13/32"
5550	1-9/16"	2-5/8"
5552	1-5/8"	2-5/8"
5554	1-11/16"	2-3/4"
5556	1-3/4"	2-3/4"
5558	1-13/16"	2-29/32"
5560	1-7/8"	2-31/32"
5564	2"	3-7/64"
5566	2-1/16"	3-5/32"
5568	2-1/8"	3-9/32"
5570	2-3/16"	3-9/32"
5572	2-1/4"	3-13/32"
5576	2-3/8"	3-43/64"

3/4" DRIVE FRACTIONAL SOCKETS, DEEP LENGTH - 6 Point

PART NO.	HEX	LENGTH
5528HL	7/8"	3-1/2"
5530HL	15/16"	3-1/2"
5532HL	1"	3-1/2"
5534HL	1-1/16"	3-1/2"
5536HL	1-1/8"	3-1/2"
5540HL	1-1/4"	3-1/2"
5542HL	1-5/16"	3-1/2"
5544HL	1-3/8"	3-1/2"
5546HL	1-7/16"	3-1/2"
5548HL	1-1/2"	3-1/2"
5552HL	1-5/8"	3-1/2"

3/4" Drive Metric Sockets

3/4" DRIVE METRIC SOCKET SETS

PART NO.	DESCRIPTION
55202	**28 pc. Metric Socket Set** Includes 12 point Sockets: 21 mm, 22 mm, 23 mm, 24 mm, 25 mm, 26 mm, 27 mm, 28 mm, 29 mm, 30 mm, 32 mm, 35 mm, 36 mm, 38 mm, 41 mm, 42 mm, 46 mm, 50 mm, 54 mm, 55 mm, 58 mm, 60 mm. Ratchet. Extensions: 4", 8". Hinge handle, 20". Universal joint; sliding T handle. Metal box.
55200	**19 pc. Metric Socket Set** Includes 12 point Sockets: 24 mm, 25 mm, 26 mm, 27 mm, 28 mm, 29 mm, 30 mm, 31 mm, 32 mm, 35 mm, 36 mm, 38 mm, 41 mm, 42 mm, 46 mm. Ratchet. Extensions: 8", 16". Hinge handle, 20". Metal box.

3/4" DRIVE METRIC SOCKETS, STANDARD LENGTH - 12 Point

PART NO.	HEX	LENGTH
5519M	19 mm	50.8 mm
5521M	21 mm	50.8 mm
5522M	22 mm	50.8 mm
5523M	23 mm	50.8 mm
5524M	24 mm	50.8 mm
5525M	25 mm	50.8 mm
5526M	26 mm	50.8 mm
5527M	27 mm	50.8 mm

PART NO.	HEX	LENGTH
5528M	28 mm	56.4 mm
5529M	29 mm	56.4 mm
5530M	30 mm	56.4 mm
5531M	31 mm	56.4 mm
5532M	32 mm	56.4 mm
5535M	35 mm	57.9 mm
5536M	36 mm	61.2 mm
5538M	38 mm	61.2 mm

PART NO.	HEX	LENGTH
5541M	41 mm	66.2 mm
5542M	42 mm	69.0 mm
5546M	46 mm	75.4 mm
5550M	50 mm	80.2 mm
5554M	54 mm	83.3 mm
5555M	55 mm	83.3 mm
5558M	58 mm	86.6 mm
5560M	60 mm	92.9 mm

STANLEY

PROTO®

3/4" Drive Ratchets & Accessories

5649

5686

5668BL

5647

Part No. 5649, Standard length pear head ratchet, 20", 24 tooth gear/floating pawl design provides 15° ratcheting angle.
Part No. 5649BL, Standard length Protoblack™ pear head ratchet, 20", 24 tooth gear/floating pawl design provides 15° ratcheting angle, black oxide finish.
Part No. 5660, Standard extension, 4".
Part No. 5661, Standard extension, 8".
Part No. 5663, Standard extension, 16".
Part No. 5668, Hinge handle, 20".
Part No. 5668BL, Hinge handle, Protoblack™, 20", black oxide finish.
Part No. 5685, Sliding T handle, 18".
Part No. 5686, Ell handle, 16".
Part No. 5670, Universal joint, 3-39/64".
Part No. 5653, Adapter, 1/2"F x 3/4"M.
Part No. 5453, Adapter, 3/4"F x 1/2"M.
Part No. 5853, Adapter, 3/4"F x 1"M.
Part No. 5854, Adapter, 1"F x 3/4"M.
Part No. 5647, Ratchet adapter, 2½". Converts standard handles to ratcheting handles.

1" Drive Fractional Sockets

1" DRIVE FRACTIONAL SOCKET SETS

PART NO.	DESCRIPTION
57102	**22 pc. Socket Set** Includes 12 point Sockets: 1-1/2", 1-5/8", 1-13/16", 1-7/8", 2", 2-3/16", 2-1/4", 2-3/8", 2-1/2", 2-9/16", 2-5/8", 2-3/4", 2-15/16", 3", 3-1/8", 3-1/2". Ratchet. Extensions: 8", 17". Hinge handle, 27". Sliding T bar, 24". Sliding T plug; metal box.
57100	**17 pc. Socket Set** Includes 12 point Sockets: 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 2". Ratchet. Extension, 8". Hinge handle, 27". Metal box.

1" DRIVE FRACTIONAL SOCKETS, STANDARD LENGTH - 12 Point

PART NO.	HEX	LENGTH
5734	1-1/16"	2-7/16"
5736	1-1/8"	2-7/16"
5738	1-3/16"	2-7/16"
5740	1-1/4"	2-1/2"
5742	1-5/16"	2-21/32"
5744	1-3/8"	2-21/32"
5746	1-7/16"	2-3/4"
5748	1-1/2"	2-3/4"
5752	1-5/8"	3-1/4"

PART NO.	HEX	LENGTH
5754	1-11/16"	3-1/4"
5756	1-3/4"	3-1/4"
5758	1-13/16"	3-5/16"
5760	1-7/8"	3-5/16"
5764	2"	3-7/16"
5766	2-1/16"	3-1/2"
5768	2-1/8"	3-5/8"
5770	2-3/16"	3-3/4"
5772	2-1/4"	3-13/16"

PART NO.	HEX	LENGTH
5776	2-3/8"	4"
5780	2-1/2"	4-1/8"
5782	2-9/16"	4-1/8"
5784	2-5/8"	4-1/8"
5788	2-3/4"	4-7/16"
5794	2-15/16"	4-11/16"
5796	3"	4-11/16"
5800	3-1/8"	4-15/16"
5812	3-1/2"	5-1/8"

1" Drive Ratchets & Accessories

Part No. 5849, Pear head ratchet — male/female drive, 26", 24 tooth gear/floating pawl design provides 15° ratcheting angle while maximizing ultimate torque.
Part No. 5852, Replacement square male drive plug for #5849.
Part No. 5861, Standard extension, 8".
Part No. 5863, Standard extension, 17".
Part No. 5868, Hinge handle, 27".
Part No. 5884, Bar handle, 28½".
Part No. 5885, Sliding drive plug, 2-27/32".
Part No. 5853, Adapter, 3/4"F x 1"M.
Part No. 5854, Adapter, 1"F x 3/4"M.

5849

5885

5852

5861

3/8" Drive Impact Socket Sets

PART NO.	DESCRIPTION
72102	**9 pc. Socket Set** Includes 6 point Sockets: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4". Socket bar, 9". Socket clips.
72116	**15 pc. Deep Socket Set** Includes 6 point Deep sockets: 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1". Socket bar, 17". Socket clips.
72112	**9 pc. 6 point Deep Socket Set** Includes Deep sockets: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8",11/16", 3/4". Socket bar, 9". Socket clips.
72142	**5 pc. Universal Socket Set** Includes 6 point Universal sockets: 3/8", 7/16", 1/2", 9/16", 5/8". Socket bar, 6¼". Socket clips.
72202	**11 pc. Metric Socket Set** Includes 6 point Sockets: 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm,13 mm, 14 mm, 15 mm, 16 mm, 17 mm. Socket bar, 9". Socket clips.

72102

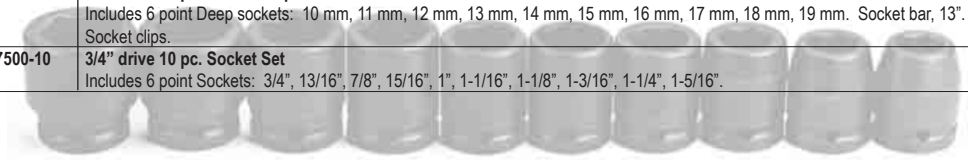
72112

1/2", 3/4" Drive Impact Socket Sets

PART NO.	DESCRIPTION
74102	**1/2" drive 11 pc. Socket Set** Includes 6 point Sockets: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8". Socket bar, 13". Socket clips.
74112	**1/2" drive 11 pc. Deep Socket Set** Includes 6 point Deep sockets: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8". Socket bar, 13". Socket clips.
74142	**1/2" drive 7 pc. Universal Socket Set** Includes 6 point Universal sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16". Socket bar, 9". Socket clips.
74204	**1/2" drive 15 pc. Metric Socket Set** Includes 6 point Sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm. Socket bar, 17". Socket clips.
74212	**1/2" drive 10 pc. Metric Deep Socket Set** Includes 6 point Deep sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm. Socket bar, 13". Socket clips.
07500-10	**3/4" drive 10 pc. Socket Set** Includes 6 point Sockets: 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16".

74142

07500-10



3/8" Drive Impact Sockets & Accessories

3/8" DRIVE IMPACT SOCKETS, STANDARD LENGTH - 6 Point

PART NO.	HEX	LENGTH
7208H	1/4"	1-3/32"
7210H	5/16"	1-3/32"
7211H	11/32"	1-3/32"
7212H	3/8"	1-3/32"
7214H	7/16"	1-3/32"
7216H	1/2"	1-3/32"
7218H	9/16"	1-3/32"
7220H	5/8"	1-3/32"
7222H	11/16"	1-3/32"
7224H	3/4"	1-3/32"
7226H	13/16"	1-7/32"
7228H	7/8"	1-7/32"
7230H	15/16"	1-5/16"
7232H	1"	1-5/16"

3/8" DRIVE IMPACT SOCKETS, DEEP LENGTH - 6 Point

PART NO.	HEX	LENGTH
7708H	1/4"	2-3/4"
7709H	9/32"	2-3/4"
7710H	5/16"	2-3/4"
7711H	11/32"	2-3/4"
7712H	3/8"	2-3/4"
7714H	7/16"	2-3/4"
7716H	1/2"	2-3/4"
7718H	9/16"	2-3/4"
7720H	5/8"	2-3/4"
7722H	11/16"	2-3/4"
7724H	3/4"	2-3/4"
7726H	13/16"	2-3/4"
7728H	7/8"	2-3/4"
7730H	15/16"	2-3/4"
7732H	1"	2-3/4"

3/8" DRIVE IMPACT SOCKETS, UNIVERSAL - 6 Point

PART NO.	HEX	LENGTH
7273P	3/8"	2-5/16"
7274P	7/16"	2-3/8"
7275P	1/2"	2-7/16"
7276P	9/16"	2-15/32"
7277P	5/8"	2-15/32"

3/8" DRIVE IMPACT UNIVERSAL JOINT

PART NO.	LENGHT
7270P	2-11/32"

3/8" DRIVE IMPACT EXTENSIONS

PART NO.	LENGHT
7175P	3"
7176P	6"
7178P	12"

1/2" DRIVE IMPACT SOCKETS, STANDARD LENGTH - 6 Point

PART NO.	HEX	LENGTH
7412H	3/8"	1-1/2"
7414H	7/16"	1-1/2"
7416H	1/2"	1-1/2"
7418H	9/16"	1-1/2"
7420H	5/8"	1-1/2"
7422H	11/16"	1-1/2"
7424H	3/4"	1-1/2"
7426H	13/16"	1-5/8"
7428H	7/8"	1-5/8"
7430H	15/16"	1-3/4"
7432H	1"	1-3/4"
7434H	1-1/16"	1-3/4"
7436H	1-1/8"	2"
7438H	1-3/16"	2"
7440H	1-1/4"	2"
7442H	1-5/16"	2"
7444H	1-3/8"	2-1/8"
7446H	1-7/16"	2-15/64"
7448H	1-1/2"	2-15/64"

1/2" DRIVE IMPACT SOCKETS, STANDARD LENGTH - 12 Point

PART NO.	HEX	LENGTH
7412	3/8"	1-1/2"
7414	7/16"	1-1/2"
7416	1/2"	1-1/2"
7418	9/16"	1-1/2"
7420	5/8"	1-1/2"
7422	11/16"	1-1/2"
7424	3/4"	1-1/2"
7428	7/8"	1-5/8"
7430	15/16"	1-3/4"
7432	1"	1-3/4"
7434	1-1/16"	1-3/4"
7436	1-1/8"	2"
7438	1-3/16"	2"
7440	1-1/4"	2"
7442	1-5/16"	2"
7444	1-3/8"	2-1/8"
7446	1-7/16"	2-15/64"
7448	1-1/2"	2-15/64"

3/8" DRIVE TORX® IMPACT SOCKETS

PART NO.	HEX	LENGTH
7206TX	E6	1-1/4"
7207TX	E7	1-1/4"
7208TX	E8	1-1/4"
7210TX	E10	1-1/4"
7212TX	E12	1-1/4"
7214TX	E14	1-1/4"

3/8" DRIVE IMPACT HEX BITS

PART NO.	HEX	LENGTH
7290-1/8	1/8"	2-23/32"
7290-5/32	5/32"	2-23/32"
7290-3/16	3/16"	2-23/32"
7290-7/32	7/32"	2-23/32"
7290-1/4	1/4"	2-23/32"
7290-5/16	5/16"	2-23/32"
7290-3/8	3/8"	2-23/32"

3/8" DRIVE IMPACT SOCKETS, METRIC STANDARD LENGTH - 6 Point

PART NO.	HEX	LENGTH
7206M	6 mm	23.4 mm
7207M	7 mm	23.4 mm
7208M	8 mm	26.2 mm
7209M	9 mm	26.2 mm
7210M	10 mm	26.2 mm
7211M	11 mm	26.2 mm
7212M	12 mm	26.2 mm
7213M	13 mm	27.8 mm
7214M	14 mm	27.8 mm
7215M	15 mm	27.8 mm
7216M	16 mm	27.8 mm
7217M	17 mm	27.8 mm
7218M	18 mm	27.8 mm
7219M	19 mm	27.8 mm
7221M	21 mm	27.8 mm
7224M	24 mm	27.8 mm

3/8" DRIVE IMPACT SOCKETS, STANDARD LENGTH - 8 Point

PART NO.	HEX	LENGTH
7208S	1/4"	1"
7214S	7/16"	1"
7216S	1/2"	1-1/16"
7218S	9/16"	1-1/8"

3/8" DRIVE IMPACT ADAPTERS

PART NO.	SIZE
7650	3/8"F x 1/2"M
7651	1/2"F x 3/8"M

3/8" DRIVE HAND IMPACT DRIVER

•Designed to loosen hard to turn bolts and screws.

PART NO.	LENGHT
7099	5-1/2"

3/8" DRIVE IMPACT METRIC HEX BITS

PART NO.	HEX	LENGTH
7290-4M	4 mm	41.3 mm
7290-5M	5 mm	41.3 mm
7290-6M	6 mm	41.3 mm
7290-8M	8 mm	41.3 mm
7290-10M	10 mm	41.3 mm

STANLEY PROTO®

1/2" Drive Impact Sockets

1/2" DRIVE TORX® IMPACT SOCKETS

PART NO.	HEX	LENGTH
7418TX	E18	1-1/2"
7420TX	E20	1-1/2"

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1/2" DRIVE IMPACT SOCKETS, STANDARD LENGTH - 8 Point

PART NO.	HEX	LENGTH
7412S	3/8"	1-1/2"
7414S	7/16"	1-1/2"
7416S	1/2"	1-1/2"
7418S	9/16"	1-1/2"
7420S	5/8"	1-1/2"
7422S	11/16"	1-1/2"
7424S	3/4"	1-1/2"
7426S	13/16"	1-1/2"
7428S	7/8"	1-5/8"
7430S	15/16"	1-3/4"
7432S	1"	1-3/4"
7434S	1-1/16"	1-3/4"

1/2" Drive Impact Sockets & Accessories

1/2" DRIVE IMPACT SOCKETS, DEEP LENGTH - 6 Point

PART NO.	HEX	LENGTH
7312H	3/8"	3-1/4"
7314H	7/16"	3-1/4"
7316H	1/2"	3-1/4"
7318H	9/16"	3-1/4"
7320H	5/8"	3-1/4"
7322H	11/16"	3-1/4"
7324H	3/4"	3-1/4"
7326H	13/16"	3-1/4"
7328H	7/8"	3-1/2"
7330H	15/16"	3-1/2"
7332H	1"	3-1/2"
7334H	1-1/16"	3-1/2"
7336H	1-1/8"	3-1/2"
7338H	1-3/16"	3-1/2"
7340H	1-1/4"	3-1/2"
7342H	1-5/16"	3-1/2"
7344H	1-3/8"	3-1/2"
7346H	1-7/16"	3-1/2"
7348H	1-1/2"	3-1/2"

1/2" DRIVE IMPACT UNIVERSAL JOINTS

PART NO.	LENGHT
7470P	2-15/16"

1/2" DRIVE IMPACT SOCKETS, METRIC STANDARD LENGTH - 6 Point

PART NO.	HEX	LENGTH
7408M	8 mm	38.1 mm
7409M	9 mm	38.1 mm
7410M	10 mm	38.1 mm
7411M	11 mm	38.1 mm
7412M	12 mm	38.1 mm
7413M	13 mm	38.1 mm
7414M	14 mm	38.1 mm
7415M	15 mm	38.1 mm
7416M	16 mm	38.1 mm
7417M	17 mm	38.1 mm
7418M	18 mm	38.1 mm
7419M	19 mm	38.1 mm
7420M	20 mm	41.2 mm
7421M	21 mm	41.2 mm
7422M	22 mm	41.2 mm
7423M	23 mm	41.2 mm
7424M	24 mm	41.2 mm
7425M	25 mm	44.5 mm
7426M	26 mm	50.8 mm
7427M	27 mm	50.8 mm
7428M	28 mm	50.8 mm
7429M	29 mm	50.8 mm
7430M	30 mm	50.8 mm
7432M	32 mm	50.8 mm
7436M	36 mm	50.8 mm

1/2" DRIVE IMPACT SOCKETS, DEEP LENGTH - 12 Point

PART NO.	HEX	LENGTH
7312	3/8"	3-1/4"
7314	7/16"	3-1/4"
7316	1/2"	3-1/4"
7318	9/16"	3-1/4"
7320	5/8"	3-1/4"
7322	11/16"	3-1/4"
7324	3/4"	3-1/4"
7326	13/16"	3-1/4"
7328	7/8"	3-1/2"
7330	15/16"	3-1/2"
7332	1"	3-1/2"
7334	1-1/16"	3-1/2"
7336	1-1/8"	3-1/2"
7338	1-3/16"	3-1/2"
7340	1-1/4"	3-1/2"
7342	1-5/16"	3-1/2"
7346	1-7/16"	3-1/2"
7348	1-1/2"	3-1/2"

1/2" DRIVE IMPACT HEX BITS

PART NO.	HEX	LENGTH
7441-1/4	1/4"	1-3/4"
7441-5/16	5/16"	1-3/4"
7441-3/8	3/8"	1-3/4"
7441-7/16	7/16"	1-3/4"
7441-1/2	1/2"	1-7/8"
7441-9/16	9/16"	1-7/8"
7441-5/8	5/8"	2"

1/2" DRIVE IMPACT SOCKETS, METRIC STANDARD LENGTH - 12 Point

PART NO.	HEX	LENGTH
7410MT	10 mm	38.1 mm
7411MT	11 mm	38.1 mm
7412MT	12 mm	38.1 mm
7413MT	13 mm	38.1 mm
7414MT	14 mm	38.1 mm
7415MT	15 mm	38.1 mm
7416MT	16 mm	38.1 mm
7417MT	17 mm	38.1 mm
7418MT	18 mm	38.1 mm
7419MT	19 mm	38.1 mm
7420MT	20 mm	38.1 mm
7430MT	30 mm	50.8 mm
7432MT	32 mm	50.8 mm

1/2" DRIVE IMPACT SOCKETS, DEEP LENGTH - 8 Point

PART NO.	HEX	LENGTH
7312S	3/8"	3-1/4"
7314S	7/16"	3-1/4"
7316S	1/2"	3-1/4"
7318S	9/16"	3-1/4"
7320S	5/8"	3-1/4"
7322S	11/16"	3-1/4"
7324S	3/4"	3-1/4"
7326S	13/16"	3-1/4"
7328S	7/8"	3-1/2"
7330S	15/16"	3-1/2"
7332S	1"	3-1/2"

1/2" DRIVE IMPACT EXTENSIONS

PART NO.	LENGHT
7180P	2"
7182P	3"
7181P	5"
7184P	9"
7183-00	10"

1/2" DRIVE IMPACT SOCKETS, METRIC DEEP LENGTH - 6 Point

PART NO.	HEX	LENGTH
7308M	8 mm	82.6 mm
7309M	9 mm	82.6 mm
7310M	10 mm	82.6 mm
7311M	11 mm	82.6 mm
7312M	12 mm	82.6 mm
7313M	13 mm	82.6 mm
7314M	14 mm	82.6 mm
7315M	15 mm	82.6 mm
7316M	16 mm	82.6 mm
7317M	17 mm	82.6 mm
7318M	18 mm	82.6 mm
7319M	19 mm	82.6 mm
7320M	20 mm	82.6 mm
7321M	21 mm	82.6 mm
7322M	22 mm	88.9 mm
7323M	23 mm	88.9 mm
7324M	24 mm	88.9 mm
7325M	25 mm	88.9 mm
7326M	26 mm	88.9 mm
7327M	27 mm	88.9 mm
7328M	28 mm	88.9 mm
7329M	29 mm	88.9 mm
7330M	30 mm	88.9 mm
7332M	32 mm	88.9 mm
7336M	36 mm	88.9 mm

1/2" DRIVE IMPACT SOCKETS, UNIVERSAL - 6 Point

PART NO.	HEX	LENGTH
7474P	7/16"	2-1/4"
7475P	1/2"	2-21/32"
7476P	9/16"	2-21/32"
7477P	5/8"	2-21/32"
7478P	11/16"	2-3/4"
7479P	3/4"	2-7/8"
7480P	13/16"	2-7/8"

1/2" DRIVE IMPACT ADAPTERS

PART NO.	SIZE
7650	3/8"F x 1/2"M
7651	1/2"F x 3/8"M
7652	1/2"F x 3/4"M
7653	3/4"F x 1/2"M
7655	5/8"F x 1/2"M

1/2" DRIVE IMPACT METRIC HEX BITS

PART NO.	HEX	LENGTH
7441-6M	6 mm	1-3/4"
7441-8M	8 mm	1-3/4"
7441-10M	10 mm	1-3/4"
7441-12M	12 mm	1-3/4"
7441-14M	14 mm	1-3/4"
7441-17M	17 mm	2"

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3/4" DRIVE IMPACT SOCKETS, STANDARD LENGTH - 6 Point

PART NO.	HEX	LENGTH
07509	9/16"	1-7/8"
07510	5/8"	1-7/8"
07511	11/16"	1-15/16"
07512	3/4"	1-15/16"
07513	13/16"	1-15/16"
07514	7/8"	2"
07515	15/16"	2"
07516	1"	2-1/16"
07517	1-1/16"	2-1/16"
07518	1-1/8"	2-3/16"
07519	1-3/16"	2-3/16"
07520	1-1/4"	2-3/16"
07521	1-5/16"	2-3/16"
07522	1-3/8"	2-1/4"
07523	1-7/16"	2-5/16"
07524	1-1/2"	2-3/8"
07525	1-9/16"	2-7/16"
07526	1-5/8"	2-7/16"
07527	1-11/16"	2-5/8"
07528	1-3/4"	2-5/8"
07529	1-13/16"	2-5/8"
07530	1-7/8"	2-13/16"
07531	1-15/16"	2-13/16"
07532	2"	2-13/16"
07533	2-1/16"	3-3/32"
07534	2-1/8"	3-3/32"
07535	2-3/16"	3-1/8"
07536	2-1/4"	3-1/4"
07538	2-3/8"	3-3/8"

3/4" DRIVE IMPACT SOCKETS, DEEP LENGTH THIN WALL - 6 Point

PART NO.	HEX	LENGTH
07512LT	3/4"	4"
07513LT	13/16"	4"
07514LT	7/8"	4"
07515LT	15/16"	4"
07516LT	1"	4"
07517LT	1-1/16"	4"
07518LT	1-1/8"	4"
07519LT	1-3/16"	4"
07520LT	1-1/4"	4"
07521LT	1-5/16"	3-1/4"
07522LT	1-3/8"	3-1/4"
07523LT	1-7/16"	3-1/2"
07524LT	1-1/2"	3-1/2"

3/4" DRIVE IMPACT ADAPTERS

PART NO.	SIZE
07655	3/4"F x 1"M
07656	1"F x 3/4"M
7656	5/8"F x 3/4"M

3/4" DRIVE IMPACT SOCKETS, METRIC DEEP LENGTH - 6 Point

PART NO.	HEX	LENGTH
07530ML	30 mm	82.6 mm
07532ML	32 mm	82.6 mm
07533ML	33 mm	82.6 mm
07535ML	35 mm	82.6 mm
07536ML	36 mm	82.6 mm

3/4" DRIVE IMPACT SOCKETS, STANDARD LENGTH - 12 Point

PART NO.	HEX	LENGTH
07509T	9/16"	1-7/8"
07510T	5/8"	1-7/8"
07511T	11/16"	1-15/16"
07512T	3/4"	1-15/16"
07513T	13/16"	1-15/16"
07514T	7/8"	2"
07515T	15/16"	2"
07516T	1"	2"
07517T	1-1/16"	2-1/16"
07518T	1-1/8"	2-3/16"
07519T	1-3/16"	2-3/16"
07520T	1-1/4"	2-3/16"
07521T	1-5/16"	2-3/16"
07522T	1-3/8"	2-1/4"
07523T	1-7/16"	2-5/16"
07524T	1-1/2"	2-3/8"
07525T	1-9/16"	2-7/16"
07526T	1-5/8"	2-7/16"
07527T	1-11/16"	2-5/8"
07528T	1-3/4"	2-5/8"
07529T	1-13/16"	2-5/8"
07530T	1-7/8"	2-13/16"
07531T	1-15/16"	2-13/16"
07532T	2"	2-13/16"
07533T	2-1/16"	3-3/32"
07534T	2-1/8"	3-3/32"
07535T	2-3/16"	3-1/8"
07536T	2-1/4"	3-1/4"
07538T	2-3/8"	3-3/8"

3/4" DRIVE IMPACT SOCKETS, DEEP LENGTH - 4 Point

PART NO.	HEX	LENGTH
07513SL	13/16"	4"

3/4" DRIVE IMPACT SOCKETS, BUDD WHEEL DEEP LENGTH, DOUBLE OPENING - 6 Point

PART NO.	HEX	LENGTH
07524LS	*	4"

*1½" conventional hex x 13/16" square.

3/4" DRIVE IMPACT SOCKETS, METRIC STANDARD LENGTH - 6 Point

PART NO.	HEX	LENGTH
07517M	17 mm	49.0 mm
07519M	19 mm	49.0 mm
07520M	20 mm	49.0 mm
07521M	21 mm	49.0 mm
07522M	22 mm	50.8 mm
07523M	23 mm	50.8 mm
07524M	24 mm	50.8 mm
07525M	25 mm	50.8 mm
07526M	26 mm	52.3 mm
07527M	27 mm	52.3 mm
07528M	28 mm	52.3 mm
07530M	30 mm	55.4 mm
07531M	31 mm	55.4 mm
07532M	32 mm	55.4 mm
07533M	33 mm	55.4 mm
07534M	34 mm	57.2 mm
07535M	35 mm	57.2 mm
07536M	36 mm	58.7 mm
07538M	38 mm	60.2 mm
07540M	40 mm	63.5 mm
07541M	41 mm	66.5 mm
07542M	42 mm	69.9 mm
07543M	43 mm	69.9 mm
07546M	46 mm	72.9 mm
07550M	50 mm	79.2 mm

3/4" DRIVE IMPACT SOCKETS, STANDARD LENGTH - 8 Point

PART NO.	HEX	LENGTH
07512S	3/4"	1-15/16"
07513S*	13/16"	2"
07514S	7/8"	2"
07515S*	15/16"	2-1/16"
07516S	1"	2-1/8"
07517S	1-1/16"	2-3/16"
07518S	1-1/8"	2-1/4"
07519S	1-3/16"	2-5/16"
07520S	1-1/4"	2-3/8"
07521S	1-5/16"	2-3/8"

*for Budd wheels

3/4" DRIVE IMPACT SOCKETS, STANDARD LENGTH - 4 Point

PART NO.	HEX	LENGTH
07510SS	5/8"	1-7/8"
07511SS	11/16"	1-7/8"
07513SS	13/16"	2"

3/4" DRIVE IMPACT HEX BITS

PART NO.	HEX	LENGTH
07590-9/16	9/16"	2-21/64"
07590-5/8	5/8"	2-3/8"
07590-3/4	3/4"	2-1/2"
07590-7/8	7/8"	2-9/16"
07590-1	1"	2-11/16"

3/4" DRIVE IMPACT EXTENSIONS

PART NO.	LENGHT
07565	5"
07567	7"
07568	10"
07569	13"

3/4" DRIVE IMPACT UNIVERSAL JOINTS

PART NO.	LENGHT
07570	4-3/32"

3/4" DRIVE IMPACT SOCKETS, DEEP LENGTH - 6 Point

PART NO.	HEX	LENGTH
07509L	9/16"	3-1/4"
07510L	5/8"	3-1/4"
07511L	11/16"	3-1/4"
07512L	3/4"	3-1/4"
07513L	13/16"	3-1/4"
07514L	7/8"	3-1/4"
07515L	15/16"	3-1/4"
07516L	1"	3-1/4"
07517L	1-1/16"	3-1/4"
07518L	1-1/8"	3-1/4"
07519L	1-3/16"	3-1/4"
07520L	1-1/4"	3-1/4"
07521L	1-5/16"	3-1/4"
07522L	1-3/8"	3-1/4"
07523L	1-7/16"	3-1/2"
07524L	1-1/2"	3-1/2"
07525L	1-9/16"	3-13/16"
07526L	1-5/8"	3-13/16"
07527L	1-11/16"	3-7/8"
07528L	1-3/4"	3-7/8"
07529L	1-13/16"	3-7/8"
07530L	1-7/8"	4-1/16"
07532L	2"	4-1/16"

07509

07512S

07510SS

07524L

Standard Length

Deep Length

3/4" DRIVE IMPACT SOCKET ACCESSORIES

Part No. 07500-0, One piece socket retainer. Designed to hold impact socket onto an impact wrench when it is rotating at high speeds of up to 5000 rpm. 1.63" hub diameter; 1.50" groove diameter. Use with: 07509 through 07517, 07509T through 07517T, 07517M through 07527M, 07509L through 07517L, 07512S through 07513S, 07510SS through 07513SS, 07512LT through 07519LT, 07513SL, 07590-9/16, 07590-5/8, 07655, 7656.

Part No. 07500-1, One piece socket retainer. 1.75" hub diameter; 1.625" groove diameter. Use with: 07518 through 07538, 07518T through 07538T, 07528M through 07550M, 07518L through 07532L, 07530ML through 07536ML, 07514S through 07521S, 07520LT through 07524LT, 07524LS, 07590-3/4, 07590-7/8, 07590-1, 07565, 07567, 07568, 07569, 07570.

Part No. 07500R, "O" Ring for all 3/4" drive impact sockets and attachments.
Part No. 07500P, Retaining pin for all 3/4" drive impact sockets and attachments.

1" Drive Impact Sockets

1" DRIVE IMPACT SOCKETS, STANDARD LENGTH - 6 Point

PART NO.	HEX	LENGTH
10012	3/4"	2-7/16"
10013	13/16"	2-1/2"
10014	7/8"	2-1/2"
10015	15/16"	2-1/2"
10016	1"	2-1/2"
10017	1-1/16"	2-5/8"
10018	1-1/8"	2-5/8"
10019	1-3/16"	2-5/8"
10020	1-1/4"	2-5/8"
10021	1-5/16"	2-3/4"
10022	1-3/8"	2-3/4"
10023	1-7/16"	2-7/16"
10024	1-1/2"	2-5/8"
10025	1-9/16"	2-5/8"
10026	1-5/8"	2-5/8"
10027	1-11/16"	2-13/16"
10028	1-3/4"	2-13/16"
10029	1-13/16"	2-13/16"
10030	1-7/8"	3"
10031	1-15/16"	3"
10032	2"	3"
10033	2-1/16"	3-3/32"
10034	2-1/8"	3-3/32"
10035	2-3/16"	3-1/8"
10036	2-1/4"	3-1/4"
10037	2-5/16"	3-21/64"
10038	2-3/8"	3-3/8"
10039	2-7/16"	3-25/64"
10040	2-1/2"	3-1/2"
10041	2-9/16"	3-1/2"
10042	2-5/8"	3-5/8"
10043	2-11/16"	3-21/32"
10044	2-3/4"	3-3/4"
10045	2-13/16"	3-13/16"
10046	2-7/8"	3-7/8"
10047	2-15/16"	3-7/8"
10048	3"	4"
10050	3-1/8"	4-1/16"
10052	3-1/4"	4-3/8"
10054	3-3/8"	4-7/16"
10056	3-1/2"	4-1/2"
10058	3-5/8"	4-3/4"
10062	3-7/8"	5"
10064	4"	5-1/2"
10066	4-1/8"	5-1/2"
10068	4-1/4"	5-1/2"
10072	4-1/2"	6"

1" DRIVE IMPACT SOCKETS, DEEP LENGTH - 6 Point

PART NO.	HEX	LENGTH
10014L	7/8"	3-3/4"
10015L	15/16"	3-3/4"
10016L	1"	3-3/4"
10017L	1-1/16"	3-3/4"
10018L	1-1/8"	3-3/4"
10019L	1-3/16"	3-3/4"
10020L	1-1/4"	3-3/4"
10021L	1-5/16"	3-3/4"
10022L	1-3/8"	3-3/4"
10023L	1-7/16"	4"
10024L	1-1/2"	4"
10025L	1-9/16"	4"
10026L	1-5/8"	4"
10028L	1-3/4"	4-1/16"
10029L	1-13/16"	4-1/16"
10030L	1-7/8"	4-1/4"
10031L	1-15/16"	4-1/4"
10032L	2"	4-1/4"
10034L	2-1/8"	4-1/2"
10035L	2-3/16"	4-1/2"
10036L	2-1/4"	4-1/2"
10037L	2-5/16"	4-3/4"
10038L	2-3/8"	4-3/4"
10041L	2-9/16"	5"
10044L	2-3/4"	5"

1" DRIVE IMPACT SOCKETS, METRIC STANDARD LENGTH - 6 Point

PART NO.	HEX	LENGTH
10030M	30 mm	66.0 mm
10032M	32 mm	66.0 mm
10033M	33 mm	69.9 mm
10036M	36 mm	69.9 mm
10041M	41 mm	71.6 mm
10046M	46 mm	71.6 mm
10050M	50 mm	76.2 mm
10055M	55 mm	79.2 mm
10060M	60 mm	85.8 mm
10065M	65 mm	88.9 mm

1" DRIVE IMPACT EXTENSIONS

PART NO.	LENGTH
10607	7-3/8"
10608	10"
10609	13"

1" DRIVE IMPACT UNIVERSAL JOINTS

PART NO.	LENGTH
10670	5-3/8"

1" DRIVE IMPACT ADAPTERS

PART NO.	SIZE
07656	1"F x 3/4"M
10004	1"F x 1-1/2"M
10005*	1" sq. F x #5 spl. M

*Male spline

1" DRIVE IMPACT SOCKETS, STANDARD LENGTH - 4 Point

PART NO.	HEX	LENGTH
10012SS	3/4"	2-1/2"
10013SS*	13/16"	2-1/2"
10014SS	7/8"	2-1/2"
10015SS*	15/16"	2-1/2"
10016SS	1"	2-1/2"

*for Budd wheels

1" DRIVE IMPACT SOCKETS, BUDD WHEEL DEEP LENGTH, DOUBLE OPENING

PART NO.	HEX	LENGTH
10024LS	*	4"

*1-1/2" conventional hex x 13/16" square.

STANLEY
PROTO®

1" DRIVE IMPACT SOCKET ACCESSORIES

Part No. 10000-1, One piece socket retainer. Designed to hold impact socket onto an impact wrench when it is rotating at high speeds of up to 5000 rpm. 2.13" hub diameter; 1.937" groove diameter. Use with: 10012 through 10023, 10030M through 10036M, 10012SS through 10016SS, 10014L through 10023L, 10607, 10608, 10609, 07656.
Part No. 10000-2, One piece socket retainer. 2.38" hub diameter; 2.19" groove diameter. Use with: 10024 through 10072, 10041M through 10065M, 10024L through 10044L, 10024LS, 10670, 10004, 10005.
Part No. 10000-3, One piece socket retainer. 1.75" groove diameter. For use on Williams impact sockets.
Part No. 10000-4, One piece socket retainer. 2.50" groove diameter. For use on Apex impact sockets.
Part No. 12500-1, One piece socket retainer. 2.63" groove diameter. For use on Apex and some imported impact sockets.
Part No. 10000R1, "O" Ring for use with: 10012 through 10023, 10030M through 10036M, 10012SS through 10016SS, 10014L through 10023L, 10607, 10608, 10609
Part No. 10000R2, "O" Ring for use with: 10024 through 10072, 10041M through 10065M, 10024L through 10044L, 10024LS, 10670, 10004, 10005.
Part No. 10000P1, Retaining pin for use with: 10012 through 10023, 10030M through 10036M, 10012SS through 10016SS, 10014L through 10023L, 10607, 10608, 10609.
Part No. 10000P2, Retaining pin for use with: 10024 through 10072, 10041M through 10065M, 10024L through 10044L, 10024LS, 10670, 10004, 10005.

1½" Drive Impact Sockets & Accessories

1½" DRIVE IMPACT SOCKETS, STANDARD LENGTH - 6 Point

PART NO.	HEX	LENGTH
15022	1-3/8"	3-1/8"
15023	1-7/16"	3-1/8"
15024	1-1/2"	3-1/8"
15025	1-9/16"	3-1/8"
15026	1-5/8"	3-1/8"
15027	1-11/16"	3-15/64"
15028	1-3/4"	3-11/32"
15029	1-13/16"	3-11/32"
15030	1-7/8"	3-11/32"
15031	1-15/16"	3-5/8"
15032	2"	3-5/8"
15033	2-1/16"	3-5/8"
15034	2-1/8"	3-5/8"
15035	2-3/16"	3-5/8"
15036	2-1/4"	3-3/4"
15037	2-5/16"	3-7/8"
15038	2-3/8"	3-7/8"
15039	2-7/16"	3-7/8"
15040	2-1/2"	4"
15041	2-9/16"	4"
15042	2-5/8"	4-1/8"
15043	2-11/16"	4-1/4"
15044	2-3/4"	4-1/4"
15045	2-13/16"	4-3/8"
15046	2-7/8"	4-1/2"
15047	2-15/16"	4-1/2"
15048	3"	4-1/2"
15049	3-1/16"	4-5/8"
15050	3-1/8"	4-5/8"
15051	3-3/16"	4-23/32"
15052	3-1/4"	4-23/32"
15053	3-5/16"	4-23/32"
15054	3-3/8"	4-23/32"
15055	3-7/16"	4-31/32"
15056	3-1/2"	4-31/32"
15057	3-9/16"	5"
15058	3-5/8"	5"
15059	3-11/16"	5"
15060	3-3/4"	5"
15061	3-13/16"	5"
15062	3-7/8"	5-1/2"
15063	3-15/16"	5-1/2"
15064	4"	5-1/2"
15065	4-1/16"	5-1/2"
15066	4-1/8"	5-3/4"
15067	4-3/16"	5-3/4"
15068	4-1/4"	5-3/4"
15069	4-5/16"	5-3/4"
15070	4-3/8"	5-3/4"
15071	4-7/16"	6"
15072	4-1/2"	6"
15074	4-5/8"	6-1/4"
15076	4-3/4"	6-1/4"

1½" DRIVE IMPACT SOCKETS, DEEP LENGTH - 6 Point

PART NO.	HEX	LENGTH
15022L	1-3/8"	5-3/4"
15023L	1-7/16"	5-3/4"
15024L	1-1/2"	5-3/4"
15026L	1-5/8"	5-3/4"
15028L	1-3/4"	5-3/4"
15029L	1-13/16"	5-3/4"
15030L	1-7/8"	5-3/4"
15032L	2"	5-3/4"
15033L	2-1/16"	5-3/4"
15034L	2-1/8"	5-3/4"
15035L	2-3/16"	5-3/4"
15036L	2-1/4"	5-7/8"
15037L	2-5/16"	5-7/8"
15038L	2-3/8"	5-7/8"
15039L	2-7/16"	6"
15040L	2-1/2"	6"
15041L	2-9/16"	6"
15042L	2-5/8"	6"
15043L	2-11/16"	6-1/8"
15044L	2-3/4"	6-1/8"
15045L	2-13/16"	6-1/4"
15046L	2-7/8"	6-1/4"
15047L	2-15/16"	6-1/4"
15048L	3"	6-3/8"
15049L	3-1/16"	6-3/8"
15050L	3-1/8"	6-3/8"
15051L	3-3/16"	6-1/2"
15052L	3-1/4"	6-1/2"
15053L	3-5/16"	6-1/2"
15054L	3-3/8"	6-1/2"
15055L	3-7/16"	6-1/2"
15056L	3-1/2"	6-1/2"
15057L	3-9/16"	6-3/4"
15058L	3-5/8"	6-3/4"
15059L	3-11/16"	6-3/4"
15060L	3-3/4"	6-3/4"
15061L	3-13/16"	6-3/4"
15062L	3-7/8"	6-3/4"
15063L	3-15/16"	7"
15064L	4"	7"
15065L	4-1/16"	7"
15066L	4-1/8"	7"
15067L	4-3/16"	7-1/4"
15068L	4-1/4"	7-1/4"
15069L	4-5/16"	7-1/4"
15070L	4-3/8"	7-1/4"
15072L	4-1/2"	7-1/4"
15074L	4-5/8"	7-1/2"
15076L	4-3/4"	7-1/2"

1½" DRIVE ADAPTERS

PART NO.	SIZE
15007	1-1/2"F x 1"M
15005*	1-1/2" sq. F x #5 spl. M

*Female square, male spline

1½" DRIVE IMPACT EXTENSIONS

PART NO.	LENGTH
15097P	8"
15098P	12"
15099P	15"

1½" DRIVE IMPACT UNIVERSAL JOINT

PART NO.	LENGTH
15670	7-13/32"

15670

1½" DRIVE IMPACT SOCKET ACCESSORIES

Part No. 15000-1, One piece socket retainer. Designed to hold impact socket onto an impact wrench when it is rotating at high speeds of up to 5000 rpm. 3.25" hub diameter; 3.00" groove diameter. Use with: 15022 through 15076, 15022L through 15076L, 15005, 15007, 15097P, 15098P, 15099P, 15670.

Part No. 15000-2, One piece socket retainer. 3.75" hub diameter; 3.50" groove diameter. Use with: 15038* through 15051*, 15038L* through 15051L*.

Part No. 15000-3, One piece socket retainer. 4.25" hub diameter; 4.00" groove diameter. Use with: 15052* through 15065*, 15052L* through 15065L*.

Part No. 15000-4, One piece socket retainer. 4.75" hub diameter; 4.50" groove diameter. Use with: 15066* through 15076*, 15066L* through 15076L*.

*For old style 1-1/2" drive sockets.

STANLEY PROTO

No. 5 Spline Drive Impact Sockets & Accessories

No. 5 DRIVE IMPACT ADAPTERS

PART NO.	SIZE
09902	No. 5 spl. F x 1" sq. M
09904	No. 5 spl. F x 1½" sq. M

NO. 5 SPLINE DRIVE IMPACT SOCKETS, BUDD WHEEL DEEP LENGTH, DOUBLE OPENING

PART NO.	HEX	LENGTH
09924LS	*	4-3/16"

*1½" conventional hex x 13/16" square.

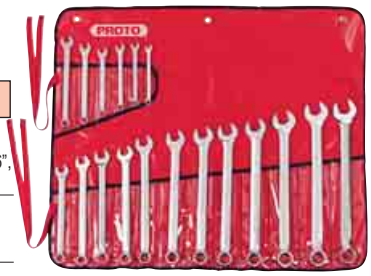
NO. 5 SPLINE DRIVE IMPACT SOCKETS, STANDARD LENGTH - 6 Point

PART NO.	HEX	LENGTH
09917	1-1/16"	3-1/8"
09920	1-1/4"	3-1/4"
09921	1-5/16"	3-1/4"
09922	1-3/8"	3-3/8"
09923	1-7/16"	3-3/8"
09924	1-1/2"	3-3/8"
09925	1-9/16"	3-1/2"
09926	1-5/8"	3-5/8"
09927	1-11/16"	3-5/8"
09928	1-3/4"	3-47/64"
09929	1-13/16"	3-7/16"
09930	1-7/8"	3-17/32"
09931	1-15/16"	3-17/32"
09932	2"	3-17/32"
09933	2-1/16"	4"
09934	2-1/8"	3-11/16"
09935	2-3/16"	3-3/4"
09936	2-1/4"	4-3/16"
09937	2-5/16"	3-57/64"
09938	2-3/8"	3-57/64"
09941	2-9/16"	4-3/8"
09942	2-5/8"	4-1/2"
09944	2-3/4"	4-1/4"
09947	2-15/16"	4-13/16"
09948	3"	4-39/64"
09950	3-1/8"	4-39/64"

Combination Wrenches

COMBINATION WRENCH SETS

PART NO.	DESCRIPTION
1200-90ASD	31 pc. Combination Wrench Set Includes 12 point wrenches: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 2", 2-1/16", 2-1/8", 2-3/16", 2-1/4", 2-3/8", 2-1/2"
1200-80ASD	26 pc. Combination Wrench Set Includes 12 point wrenches: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 2"
1200F-HD	16 pc. Combination Wrench Set Includes 12 point wrenches: 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 2", 2-1/16", 2-1/8", 2-3/16", 2-1/4", 2-3/8", 2-1/2"
1200FASD	15 pc. Combination Wrench Set Includes 12 point wrenches: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"
1200GASD	10 pc. Combination Wrench Set Includes 12 point wrenches: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
1200HASD	7 pc. Combination Wrench Set Includes 12 point wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
1200GHASD	10 pc. Combination Wrench Set Includes 6 point wrenches: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
1200E	8 pc. Short Combination Wrench Set Includes 6 point wrenches: 1/8", 5/32", 3/16", 1/4", 9/32", 5/16", 11/32", 3/8"
1200FBASD	14 pc. Protoblack™ Combination Wrench Set Includes 12 point - Black oxide finish wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"
1200HBASD	7 pc. Protoblack™ Combination Wrench Set Includes 12 point - Black oxide finish Wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
1270A	7 pc. Flex Head Wrench Set Includes 12 point wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



1200FASD

1200E

1270A

SHORT COMBINATION WRENCHES

PART NO.	HEX	LENGTH
12 POINT		
1208T	1/4"	3-1/4"
1210T	5/16"	3-1/2"
1212T	3/8"	4-1/4"
1216T	1/2"	5-11/16"
1218T	9/16"	5-13/16"
1220T	5/8"	6-3/16"
1222T	11/16"	7-1/16"
1224T	3/4"	8-1/16"
6 POINT		
1204E	1/8"	2-49/64"
1205E	5/32"	2-57/64"
1206E	3/16"	3-1/64"
1208E	1/4"	3-17/64"
1209E	9/32"	3-7/16"
1210E	5/16"	4-1/8"
1211E	11/32"	4-7/16"
1212E	3/8"	4-5/8"
1214E	7/16"	5-1/16"
1216E	1/2"	5-1/4"
1218E	9/16"	5-7/8"
1220E	5/8"	6-3/16"

COMBINATION WRENCHES

PART NO.	HEX	LENGTH
12 POINT		
1208A	1/4"	4-7/8"
1210A	5/16"	5-3/8"
1212ASD	3/8"	6"
1214ASD	7/16"	7"
1216ASD	1/2"	8"
1218ASD	9/16"	8-7/8"
1220ASD	5/8"	9-1/2"
1222ASD	11/16"	10-1/4"
1224ASD	3/4"	11"
1226ASD	13/16"	11-7/8"
1228ASD	7/8"	12-1/2"
1230ASD	15/16"	13-1/4"
1232ASD	1"	14"
1234ASD	1-1/16"	15-1/4"
1236ASD	1-1/8"	15-7/8"
1240ASD	1-1/4"	16-7/8"
1242	1-5/16"	17"
1244	1-3/8"	17-5/8"
1246	1-7/16"	18-1/2"
1248	1-1/2"	19-3/8"
1252	1-5/8"	20-1/4"
1254	1-11/16"	23"
1256	1-3/4"	23"
1258	1-13/16"	25"
1260	1-7/8"	28"
1264	2"	28"
1266	2-1/16"	29-1/2"
1268	2-1/8"	29-1/2"
1270	2-3/16"	29-1/2"
1272	2-1/4"	29-1/2"
1276	2-3/8"	31-1/2"
1280	2-1/2"	31-1/2"
6 POINT		
1212HASD	3/8"	6"
1214HASD	7/16"	7"
1216HASD	1/2"	8"
1218HASD	9/16"	8-7/8"
1220HASD	5/8"	9-1/2"
1222HASD	11/16"	10-1/4"
1224HASD	3/4"	11"
1226HASD	13/16"	11-7/8"
1228HASD	7/8"	12-1/2"
1230HASD	15/16"	13-1/4"

PROTOBLACK™ COMBINATION WRENCHES
•Black oxide finish

PART NO.	HEX	LENGTH
12 POINT		
1212BASD	3/8"	6"
1214BASD	7/16"	7"
1216BASD	1/2"	8-7/8"
1218BASD	9/16"	8-1/16"
1220BASD	5/8"	9-1/2"
1222BASD	11/16"	10-1/4"
1224BASD	3/4"	11"
1226BASD	13/16"	11-7/8"
1228BASD	7/8"	12-1/2"
1230BASD	15/16"	13-1/4"
1232BASD	1"	14"
1234BASD	1-1/16"	15-1/4"
1236BASD	1-1/8"	15-7/8"
1240BASD	1-1/4"	16-7/8"
1242B	1-5/16"	17-5/8"
1244B	1-3/8"	18-1/2"
1246B	1-7/16"	19-3/8"
1248B	1-1/2"	20-1/8"
1252B	1-5/8"	23"
1254B	1-11/16"	23"
1256B	1-3/4"	25"
1258B	1-13/16"	25"
1260B	1-7/8"	28"
1264B	2"	28"

COMBINATION FLEX HEAD WRENCHES

PART NO.	HEX	LENGTH
12 POINT		
1270-18	9/16"	8-5/8"
1270-20	5/8"	9-1/2"
1270-22	11/16"	10-3/8"
1270-24	3/4"	11-1/4"
1270-28	7/8"	13"

PROTO
Combination Wrenches

METRIC COMBINATION WRENCH SETS

PART NO.	DESCRIPTION
1200R-MASD	18 pc. Metric Combination Wrench Set Includes 12 point wrenches: 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm
1200F-MASD	15 pc. Metric Combination Wrench Set Includes 12 point wrenches: 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm
1200F-MBASD	15 pc. Metric Protoblack™ Combination Wrench Set Includes 12 point - Black oxide finish wrenches: 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm
1200P-MASD	15 pc. Metric Combination Wrench Set Includes 12 point wrenches: 7 mm, 8 mm, 10 mm, 12 mm, 14 mm, 16 mm, 18 mm, 20 mm, 22 mm, 24 mm, 26 mm, 28 mm, 29 mm, 30 mm, 32 mm
1200K-MASD	10 pc. Metric Combination Wrench Set Includes 12 point wrenches: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm
1200MHASD	10 pc. Metric Combination Wrench Set Includes 6 point wrenches: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm
1200H-MASD	9 pc. Metric Combination Wrench Set Includes 12 point wrenches: 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm

METRIC COMBINATION WRENCHES

PART NO.	HEX	LENGTH
12 POINT		
1207MA	7 mm	131.1 mm
1208MA	8 mm	137.4 mm
1209MA	9 mm	143.8 mm
1210MASD	10 mm	150.1 mm
1211MASD	11 mm	175.5 mm
1212MASD	12 mm	195.8 mm
1213MASD	13 mm	200.9 mm
1214MASD	14 mm	223.8 mm
1215MASD	15 mm	232.4 mm
1216MASD	16 mm	242.4 mm
1217MASD	17 mm	261.3 mm
1218MASD	18 mm	271.3 mm
1219MASD	19 mm	280.2mm
1220MASD	20 mm	290.2 mm

PART NO.	HEX	LENGTH
12 POINT		
1221MASD	21 mm	300.2 mm
1222MASD	22 mm	318.1 mm
1223MASD	23 mm	328.1 mm
1224MASD	24 mm	338.0 mm
1225MASD	25 mm	357.0 mm
1226MASD	26 mm	372.0 mm
1227MASD	27 mm	386.9 mm
1228MASD	28 mm	394.9 mm
1229MASD	29 mm	402.9 mm
1230MASD	30 mm	402.9 mm
1232MASD	32 mm	429.7 mm
1236M	36 mm	492.1 mm
1241M	41 mm	584.2 mm
1246M	46 mm	635.0 mm
1250M	50 mm	711.0 mm

METRIC PROTOBLACK ™ COMBINATION WRENCHES
•Black oxide finish

PART NO.	HEX	LENGTH
12 POINT		
1207MBA	7 mm	131.1 mm
1208MBA	8 mm	137.4 mm
1209MBA	9 mm	143.8 mm
1210MBASD	10 mm	150.1 mm
1211MBASD	11 mm	175.5 mm
1212MBASD	12 mm	195.8 mm
1213MBASD	13 mm	200.9 mm
1214MBASD	14 mm	223.8 mm
1215MBASD	15 mm	232.4 mm
1216MBASD	16 mm	242.4 mm
1217MBASD	17 mm	261.3 mm
1218MBASD	18 mm	271.3 mm
1219MBASD	19 mm	280.2 mm
1220MBASD	20 mm	290.2 mm
1221MBASD	21 mm	300.2 mm
1222MBASD	22 mm	318.1 mm
1223MBASD	23 mm	328.1 mm
1224MBASD	24 mm	338.0 mm

Box Wrenches

BOX WRENCH SETS

PART NO.	DESCRIPTION
1100MB	8 pc. Protoblack™ Box Wrench Set Includes 12 point Black oxide finish wrenches: 5/16" x 3/8", 7/16" x 1/2", 9/16" x 5/8", 11/16" x 3/4", 13/16" x 7/8", 15/16" x 1", 1-1/16" x 1-1/8", 1-1/16" x 1-1/4"
1100R	7 pc. Box Wrench Set Includes 12 point - Full polish finish - Standard 15° offset for knuckle clearance wrenches: 5/16" x 3/8", 7/16" x 1/2", 9/16" x 5/8", 11/16" x 3/4", 13/16" x 7/8", 15/16" x 1", 1-1/16" x 1-1/8"
1100G	5 pc. Box Wrench Set Includes 12 point - Full polish finish - Standard 15° offset for knuckle clearance wrenches: 5/16" x 3/8", 7/16" x 1/2", 9/16" x 5/8", 11/16" x 3/4", 13/16" x 7/8"

STANLEY
PROTO®

Box Wrenches

PROTOBLACK™ BOX WRENCHES - 12 Point
•Standard 15° offset for knuckle clearance •Black oxide finish

PART NO.	HEX	LENGTH
1120LB	5/16" x 3/8"	6-15/16"
1125LB	7/16" x 1/2"	8-1/16"
1126LB	1/2" x 9/16"	8-7/16"
1130LB	9/16" x 5/8"	9-7/16"
1135B	11/16" x 3/4"	11-1/4"
1139B	3/4" x 7/8"	13-1/8"
1140B	13/16" x 7/8"	13-7/8"
1145B	15/16" x 1"	15-1/2"
1150B	1-1/16" x 1-1/8"	17-1/4"
1151B	1-1/16" x 1-1/4"	18-1/4"

OBSTRUCTION BOX WRENCHES - 12 Point

PART NO.	HEX	LENGTH
1725	7/16" x 1/2"	5-7/16"
1730	9/16" x 5/8"	5-51/64"
1731	5/8" x 3/4"	6-1/2"

OFFSET RATCHETING BOX WRENCHES - 12 Point
•Box ends offset 25°

PART NO.	HEX	LENGTH
1181T	1/4" x 5/16"	4-1/8"
1182T	3/8" x 7/16"	5-1/4"
1183T	1/2" x 9/16"	6-1/2"
1186	5/8" x 3/4"	7-3/4"

DEEP OFFSET BOX WRENCHES - 12 Point
•Heads are deeply offset at 60° angle to handles to reach recessed fastener

PART NO.	HEX	LENGTH
8180	3/8" x 7/16"	7-3/4"
8181	1/2" x 9/16"	9"
8182	5/8" x 11/16"	10-1/4"
8183A	11/16" x 13/16"	11-1/2"
8184	3/4" x 7/8"	12-3/4"
8185	15/16" x 1"	14"

SHORT DEEP OFFSET BOX WRENCHES - 12 Point
•Heads are deeply offset at 60° angle to handles to reach recessed fastener

PART NO.	HEX	LENGTH
8160	3/8" x 7/16"	5"
8161	1/2" x 9/16"	5-1/2"
8162	5/8" x 11/16"	6"
8163	3/4" x 13/16"	6-1/2"

METRIC RATCHETING BOX WRENCHES - 12 Point

PART NO.	HEX	LENGTH
1196M	16 x 18 mm	206.0 mm
1197M	19 x 21 mm	234.7 mm

BOX WRENCHES - 12 Point
•Standard 15° offset for knuckle clearance - Full polish finish

PART NO.	HEX	LENGTH
1170	5/16" x 3/8"	6-15/16"
1171	7/16" x 1/2"	8-1/16"
1126L	1/2" x 9/16"	8-3/8"
1172	9/16" x 5/8"	9-7/16"
1173	11/16" x 3/4"	11-1/8"
1139	3/4" x 7/8"	13-1/8"
1174	13/16" x 7/8"	13-1/8"
1175	15/16" x 1"	15-1/8"
1176	1-1/16" x 1-1/8"	17-1/2"
1151•	1-1/16" x 1-1/4"	18-1/4"
1155•	1-1/4" x 1-5/16"	19-1/4"
1160•	1-1/4" x 1-3/8"	20-1/4"
1162•	1-7/16" x 1-1/2"	22-1/4"
1164•	1-5/8" x 1-11/16"	24-1/2"

•Matte finish

SHORT BOX WRENCHES - 12 Point
•Box ends offset 15°

PART NO.	HEX	LENGTH
1120	5/16" x 3/8"	4-1/4"
1122	3/8" x 7/16"	4-5/8"
1125	7/16" x 1/2"	5"
1126	1/2" x 9/16"	5-3/8"
1131	5/8" x 3/4"	6-1/8"

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METRIC BOX WRENCH SETS

PART NO.	DESCRIPTION
1100S-M	11 pc. Metric Box Wrench Set Includes 12 point - Full polish finish - Box ends offset 7½° minimum wrenches: 6 x 7 mm, 8 x 9 mm, 10 x 11 mm, 12 x 13 mm, 14 x 15 mm, 16 x 18 mm, 17 x 19 mm, 21 x 24 mm, 22 x 24 mm, 27 x 30 mm, 30 x 32 mm
1100D-M	7 pc. Metric Box Wrench Set Includes Full polish finish - Box ends offset 7½° minimum wrenches: 6 x 7 mm, 8 x 9 mm, 10 x 11 mm, 12 x 13 mm, 14 x 15 mm, 16 x 18 mm, 17 x 19 mm

1100D-M

Open End Wrench Sets

PART NO.	DESCRIPTION
3000H	10 pc. Open End Wrench Set - 15° angle heads Includes wrenches: 1/4" x 5/16", 5/16" x 3/8", 7/16" x 1/2", 1/2" x 9/16", 9/16" x 5/8", 5/8" x 3/4", 11/16" x 3/4", 13/16" x 7/8", 15/16" x 1", 1-1/16" x 1-1/8"
3000HB	10 pc. Protoblack™ Open End Wrench Set - 15° angle heads Includes Black oxide finish wrenches: 5/16" x 3/8", 7/16" x 1/2", 9/16" x 5/8", 11/16" x 3/4", 13/16" x 7/8", 15/16" x 1", 1-1/16" x 1-1/8", 1-1/4" x 1-5/16", 1-3/8" x 1-7/16", 1-1/2" x 1-5/8"
3000N	5 pc. Open End Wrench Set - 15° angle heads Includes wrenches: 3/8" x 7/16", 1/2" x 9/16", 9/16" x 5/8", 11/16" x 3/4", 13/16" x 7/8"
3400G	4 pc. Extra Thin Open End Wrench Set "Tappet" style wrench ideal for use on jam nuts and in confined areas - 15° angle heads Includes wrenches: 7/16" x 1/2", (2) of 1/2" x 9/16", 9/16" x 5/8"
3100B	14 pc. Angle Open End Wrench Set - 15° and 60° angle heads Includes Full polish finish wrenches: 3/8" x 3/8", 7/16" x 7/16", 1/2" x 1/2", 9/16" x 9/16", 5/8" x 5/8", 11/16" x 11/16", 3/4" x 3/4", 13/16" x 13/16", 7/8" x 7/8", 15/16" x 15/16", 1" x 1", 1-1/16" x 1-1/16", 1-1/8" x 1-1/8", 1-1/4" x 1-1/4"
3300A	9 pc. Short Angle Open End Wrench Set - 15° and 75° angle heads Includes wrenches: 7/32" x 7/32", 15/64" x 15/64", 1/4" x 1/4", 9/32" x 9/32", 5/16" x 5/16", 11/32" x 11/32", 3/8" x 3/8", 7/16" x 7/16", 1/2" x 1/2"
3200C	13 pc. Ignition Set - 15° and 60° angle heads Includes wrenches: 13/64" x 15/64", 15/64" x 13/64", 7/32" x 1/4", 1/4" x 7/32", 9/32" x 5/16", 5/16" x 9/32", 11/32" x 3/8", 3/8" x 11/32", Ignition gauge set, Midget angle nose pliers, Ignition point file, Screwdriver, Screw starter

3000H

3300A

EXTRA THIN OPEN END WRENCHES

•"Tappet" style wrench ideal for use on jam nuts and in confined areas - 15° angle heads

PART NO.	HEX	LENGTH
3425	7/16" x 1/2"	10"
3426	1/2" x 9/16"	10"
3430	9/16" x 5/8"	10"
3435	11/16" x 3/4"	10"
3440	13/16" x 7/8"	10"

METRIC OPEN END WRENCHES

•15° angle heads

PART NO.	HEX	LENGTH
30607	6 x 7 mm	114.3 mm
30809	8 x 9 mm	130.1 mm
31011	10 x 11 mm	146.1 mm
31213	12 x 13 mm	161.9 mm
31415	14 x 15 mm	193.0 mm
31617	16 x 17 mm	209.0 mm
31819	18 x 19 mm	225.0 mm
32022	20 x 22 mm	241.0 mm
32123	21 x 23 mm	257.2 mm
32426	24 x 26 mm	288.9 mm

ANGLE OPEN END WRENCHES

•15° and 60° angle heads allow wrench to be used in four different turning angles for greater access in tight work areas - Full polish finish

PART NO.	HEX 15° 60°	LENGTH
3112	3/8" x 3/8"	3-1/4"
3114	7/16" x 7/16"	5"
3116	1/2" x 1/2"	3-1/4"
3118	9/16" x 9/16"	5-5/8"
3120	5/8" x 5/8"	3-1/4"
3122	11/16" x 11/16"	6-1/2"
3124	3/4" x 3/4"	3-5/8"
3126	13/16" x 13/16"	7-1/2"
3128	7/8" x 7/8"	3-5/8"
3130	15/16" x 15/16"	8-3/4"
3132	1" x 1"	4"
3134	1-1/16" x 1-1/16"	10-1/4"
3136	1-1/8" x 1-1/8"	4"
3140	1-1/4" x 1-1/4"	4-3/4"
3142	1-5/16" x 1-5/16"	13-1/8"
3144	1-3/8" x 1-3/8"	4-3/4"
3146	1-7/16" x 1-7/16"	14"
3148	1-1/2" x 1-1/2"	5-3/4"
3152	1-5/8" x 1-5/8"	15"
3156	1-3/4" x 1-3/4"	5-3/4"
3158	1-13/16" x 1-13/16"	18-3/8"
3160	1-7/8" x 1-7/8"	19-3/4"
3164	2" x 2"	21-1/4"

SHORT ANGLE OPEN END WRENCHES

•15° and 75° angle heads

PART NO.	HEX 15° 75°	LENGTH
3314	7/32" x 7/32"	3-1/4"
3315	15/64" x 15/64"	3-1/4"
3316	1/4" x 1/4"	3-1/4"
3318	9/32" x 9/32"	3-5/8"
3320	5/16" x 5/16"	3-5/8"
3322	11/32" x 11/32"	4"
3324	3/8" x 3/8"	4"
3328	7/16" x 7/16"	4-3/4"
3332	1/2" x 1/2"	4-3/4"
3336	9/16" x 9/16"	5-3/4"
3340	5/8" x 5/8"	5-3/4"

OPEN END WRENCHES

•15° angle heads

PART NO.	HEX	LENGTH
3016	3/16" x 1/4"	3-7/8"
3018	1/4" x 5/16"	4-31/64"
3020	5/16" x 3/8"	5-1/8"
3031	5/8" x 3/4"	8-9/16"
3034	5/8" x 11/16"	8-1/4"
3035	11/16" x 3/4"	8-7/8"
3037	11/16" x 25/32"	8-7/8"
3039	3/4" x 7/8"	9-1/2"
3040	13/16" x 7/8"	10-1/8"
3045	15/16" x 1"	11-23/64"
3050	1-1/16" x 1-1/8"	12-5/8"
3051	1-1/16" x 1-1/4"	13-9/16"
3055	1-1/4" x 1-5/16"	14-1/2"
3060	1-3/8" x 1-7/16"	15-3/4"
3070	1-1/2" x 1-5/8"	17"
3075	1-11/16" x 1-13/16"	18-1/2"
3080	1-7/8" x 2"	20"

PROTOBLACK™ OPEN END WRENCHES

•15° angle heads •Black oxide finish

PART NO.	HEX	LENGTH
3020B	5/16" x 3/8"	5-1/4"
3021B	3/8" x 7/16"	5-7/8"
3025B	7/16" x 1/2"	6-7/16"
3026B	1/2" x 9/16"	7-7/64"
3030B	9/16" x 5/8"	7-47/64"
3031B	5/8" x 3/4"	8-43/64"
3035B	11/16" x 3/4"	8-63/64"
3039B	3/4" x 7/8"	9-39/64"
3040B	13/16" x 7/8"	10-15/64"
3045B	15/16" x 1"	11-31/64"
3050B	1-1/16" x 1-1/8"	12-3/8"
3051B	1-1/16" x 1-1/4"	13-43/64"
3055B	1-1/4" x 1-5/16"	14-5/8"
3060B	1-3/8" x 1-7/16"	15-7/8"
3070B	1-1/2" x 1-5/8"	17-1/16"

METRIC OPEN END WRENCH SETS

PART NO.	DESCRIPTION
30000A	10 pc. Metric Open End Wrench Set - 15° angle heads Includes wrenches: 6 x 7 mm, 8 x 9 mm, 10 x 11 mm, 12 x 13 mm, 14 x 15 mm, 16 x 17 mm, 18 x 19 mm, 20 x 22 mm, 21 x 23 mm, 24 x 26 mm
30000R	6 pc. Metric Open End Wrench Set - 15° angle heads Includes wrenches: 8 x 9 mm, 10 x 11 mm, 12 x 13 mm, 14 x 15 mm, 16 x 17 mm, 18 x 19 mm

30000A

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Flare Nut Wrenches

FLARE NUT WRENCH SETS

PART NO.	DESCRIPTION
3700A	7 pc. Combination Flare Nut Wrench Set - 6 point Includes wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
3700AT	7 pc. Combination Flare Nut Wrench Set - 12 point Includes wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
3760	3 pc.Double End Flare Nut Wrench Set - 6 point Includes wrenches: 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16"
3760T	3 pc.Double End Flare Nut Wrench Set - 12 point Includes wrenches: 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16"
3800A	7 pc. Ratcheting Flare Nut Wrench Set - 12 point Includes wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

3700A

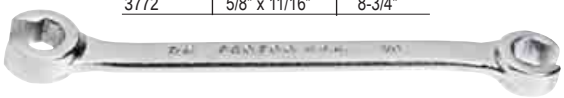
3800A

COMBINATION FLARE NUT WRENCHES - 6 point

PART NO.	HEX	LENGTH
3751	3/8"	5-11/16"
3752	7/16"	6-1/32"
3753	1/2"	6-7/16"
3754	9/16"	6-15/16"
3755	5/8"	7-5/8"
3756	11/16"	8-11/16"
3757	3/4"	9-3/16"

DOUBLE END FLARE NUT WRENCHES - 6 point

PART NO.	HEX	LENGTH
3764	3/8" x 7/16"	6-1/4"
3768	1/2" x 9/16"	7-1/2"
3772	5/8" x 11/16"	8-3/4"



DOUBLE END FLARE NUT WRENCHES - 12 point

PART NO.	HEX	LENGTH
3764T	3/8" x 7/16"	6-1/4"
3768T	1/2" x 9/16"	7-1/2"
3772T	5/8" x 11/16"	8-3/4"

RATCHETING FLARE NUT WRENCHES - 12 point

PART NO.	HEX	LENGTH
3812	3/8"	5-7/16"
3814	7/16"	5-7/16"
3816	1/2"	5-7/16"
3818	9/16"	7-1/4"
3820	5/8"	7-1/4"
3822	11/16"	7-1/4"
3824	3/4"	7-1/4"
3826	13/16"	9-3/8"
3828	7/8"	9-3/8"
3830	15/16"	9-3/8"
3832	1"	9-3/8"

COMBINATION FLARE NUT WRENCHES - 12 point

PART NO.	HEX	LENGTH
3753T	1/2"	6-7/16"
3754T	9/16"	6-15/16"
3755T	5/8"	7-5/8"
3756T	11/16"	8-11/16"
3757T	3/4"	9-3/16"

METRIC FLARE NUT WRENCH SETS

PART NO.	DESCRIPTION
3700M	5 pc. Metric Double End Flare Nut Wrench Set - 6 point Includes wrenches: 7 x 8 mm, 9 x 11 mm, 10 x 12 mm, 13 x 14 mm, 15 x 17 mm
3700MT	5 pc. Metric Double End Flare Nut Wrench Set - - 12 point Includes wrenches: 7 x 8 mm, 9 x 11 mm, 10 x 12 mm, 13 x 14 mm, 15 x 17 mm

METRIC DOUBLE END FLARE NUT WRENCHES - 12 point

PART NO.	HEX	LENGTH
3707MT	7 x 8 mm	144.5 mm
3709MT	9 x 11 mm	160.3 mm
3710MT	10 x 12 mm	176.3 mm
3713MT	13 x 14 mm	192.0 mm
3715MT	15 x 17 mm	203.0 mm
3716MT	16 x 18 mm	223.8 mm
3719MT	19 x 21 mm	239.7 mm

METRIC DOUBLE END FLARE NUT WRENCHES - 6 point

PART NO.	HEX	LENGTH
3707M	7 x 8 mm	144.5 mm
3709M	9 x 11 mm	160.3 mm
3710M	10 x 12 mm	176.3 mm
3713M	13 x 14 mm	192.0 mm
3715M	15 x 17 mm	203.0 mm
3716M	16 x 18 mm	223.8 mm
3719M	19 x 21 mm	239.7 mm

STANLEY PROTO®

PROTO
Adjustable Wrenches

CLIK-STOP® Adjustable Wrenches - have an exclusive feature that automatically locks the movable jaw at any opening you select. •The more pressure placed on the wrench, the tighter the jaw locks.

Extra-wide jaw capacity with square jaw opening to provide greater strength and better fit

CUSHION GRIP ADJUSTABLE WRENCHES

PART NO.	MAX. OPENING	OVERALL LENGTH
704G	1/2"	4"
706G	15/16"	6"
708G	1-1/8"	8"
710G	1-5/16"	10"
712G	1-1/2"	12"

PROTOBLACK™ ADJUSTABLE WRENCHES - CLIK-STOP®
•Black oxide finish

PART NO.	MAX. OPENING	OVERALL LENGTH
704SL	1/2"	4"
706SL	15/16"	6"
708SL	1-1/8"	8"
710SL	1-5/16"	10"
712SL	1-1/2"	12"
715SL	1-11/16"	15"
718SL	2-1/16"	18"

ADJUSTABLE WRENCHES - CLIK-STOP®

PART NO.	MAX. OPENING	OVERALL LENGTH
704L	1/2"	4"
706L	15/16"	6"
708L	1-1/8"	8"
710L	1-5/16"	10"
712L	1-1/2"	12"
715L	1-11/16"	15"
718L	2-1/16"	18"
724L	2-7/16"	24"

ADJUSTABLE SPUD WRENCHES - CLIK-STOP®
•Large jaw opening fits all nuts and bolts up to 1½". Eliminates the need for carrying several fixed size wrenches.

PART NO.	MAX. OPENING	OVERALL LENGTH
712SC	1-1/2"	16"

PROTOBLACK™ ADJUSTABLE WRENCHES
•Black oxide finish

PART NO.	MAX. OPENING	OVERALL LENGTH
704S	1/2"	4"
706S	15/16"	6"
708S	1-1/8"	8"
710S	1-5/16"	10"
712S	1-1/2"	12"
715S	1-11/16"	15"
718S	2-1/16"	18"
724S	2-7/16"	24"

ADJUSTABLE WRENCHES

PART NO.	MAX. OPENING	OVERALL LENGTH
704	1/2"	4"
706	15/16"	6"
708	1-1/8"	8"
710	1-5/16"	10"
712	1-1/2"	12"
715	1-11/16"	15"
718	2-1/16"	18"
724	2-7/16"	24"

OFFSET STRIKING WRENCHES HEAVY DUTY - 12 point
•Large striking surface for surer blow contact and more efficient transmittal of force to fastener. Short handle permits use in close quarters. Box opening designed to remain on fastener when wrench is struck.

PART NO.	HEX	LENGTH
2617SW	1-1/16"	8-1/2"
2618SW	1-1/8"	8-1/2"
2620SW	1-1/4"	10-3/4"
2621SW	1-5/16"	10-3/4"
2623SW	1-7/16"	12"
2624SW	1-1/2"	12"
2626SW	1-5/8"	12-1/4"
2627SW	1-11/16"	12-1/4"
2628SW	1-3/4"	13-7/16"
2629SW	1-13/16"	13-7/16"
2630SW	1-7/8"	13-7/16"
2632SW	2"	13-7/16"
2634SW	2-1/8"	13-7/8"
2635SW	2-3/16"	13-1/2"
2636SW	2-1/4"	13-1/2"
2637SW	2-5/16"	13-1/2"
2638SW	2-3/8"	13-1/2"
2640SW	2-1/2"	13-1/2"
2641SW	2-9/16"	13-1/2"
2642SW	2-5/8"	13-1/2"
2644SW	2-3/4"	13-1/2"
2647SW	2-15/16"	16"
2648SW	3"	16"
2650SW	3-1/8"	16"

Industrial Wrenches

STRUCTURAL WRENCHES - OFFSET HEAD
•Long offset handle provides greater leverage and clearance for knuckles and obstructions. Hardened tapered handle aligns bolt and rivet holes.

PART NO.	HEX	LENGTH
C904A	3/4"	11-3/4"
C905	7/8"	14-1/4"
C906B	1"	14-1/4"
C907	1-1/16"	17-1/4"
C907A	1-1/8"	17-1/4"
C908	1-1/4"	19-1/2"
C908A	1-5/16"	19-1/2"
C909	1-7/16"	19-1/2"
C909A	1-1/2"	19-1/2"
C910	1-5/8"	23-1/4"
C912	2"	23-1/4"

SPUD HANDLE BOX WRENCHES - 12 point
•Ideal for heavy construction and field service work. High leverage handle and strong box end designed to turn stubborn nuts and bolts. Spud end aligns flange holes.

PART NO.	HEX	LENGTH
2614	7/8"	12"
2615	15/16"	12"
2616	1"	12"
2617	1-1/16"	15"
2618	1-1/8"	15"
2620	1-1/4"	17"
2621	1-5/16"	17"
2623	1-7/16"	21"
2624	1-1/2"	21"
2626	1-5/8"	22"
2627	1-11/16"	22"
2629	1-13/16"	23"
2630	1-7/8"	23"
2632	2"	24-1/2"
2635	2-3/16"	26"
2638	2-3/8"	28"
2641	2-9/16"	30"
2644	2-3/4"	30"

STANLEY PROTO®

STRIKING WRENCHES HEAVY DUTY - 6 point

•Large striking surface for surer blow contact and more efficient transmittal of force to fastener. Short handle permits use in close quarters. Box opening designed to remain on fastener when wrench is struck.

PART NO.	HEX	LENGTH
2717SW	1-1/16"	9-7/8"
2720SW	1-1/4"	10-1/4"
2723SW	1-7/16"	10-19/32"
2726SW	1-5/8"	10-15/16"
2729SW	1-13/16"	11-5/16"
2732SW	2"	11-21/32"
2735SW	2-3/16"	11-5/16"
2738SW	2-3/8"	12-3/8"
2741SW	2-9/16"	12-11/16"
2744SW	2-3/4"	13-1/16"
2747SW	2-15/16"	13-7/16"
2750SW	3-1/8"	13-13/16"
2756SW	3-1/2"	14-1/8"
2762SW	3-7/8"	14-1/2"

OFFSET SLUGGING WRENCHES SUPER HEAVY DUTY - 12 point

•Designed for heavy use in close quarters where hammer or sledge is required to loosen frozen nuts or set large fasteners.

PART NO.	HEX	LENGTH
USN321	1-5/16"	8-3/8"
USN323	1-7/16"	8-3/8"
USN324	1-1/2"	10"
USN326	1-5/8"	10-1/8"
USN327	1-11/16"	10-1/8"
USN329	1-53/64"	10-1/8"
USN330	1-57/64"	10-3/4"
USN332	2"	10-3/4"
USN335	2-13/64"	11"
USN336	2-17/64"	11"
USN338	2-25/64"	14-1/2"
USN340	2-33/64"	14-1/2"
USN341	2-37/64"	14-1/2"
USN342	2-21/32"	14-1/2"
USN344	2-25/32"	14-1/2"
USN347	2-31/32"	15-3/4"
USN348	3-1/32"	15-3/4"
USN350	3-5/32"	15-3/4"
USN354	3-3/8"	17-3/8"
USN356	3-17/32"	17-3/8"
USN360	3-25/32"	17-3/8"
USN362	3-29/32"	18"
USN366	4-11/64"	18"
USN368	4-19/64"	18"
USN372	4-1/2"	19-3/4"
USN374	4-43/64"	19-3/4"

METRIC OFFSET STRIKING WRENCHES HEAVY DUTY - 12 point

•Large striking surface for surer blow contact and more efficient transmittal of force to fastener. Short handle permits use in close quarters. Box opening designed to remain on fastener when wrench is struck.

PART NO.	HEX	LENGTH
2632SWM	32 mm	273 mm
2636SWM	36 mm	305 mm
2641SWM	41 mm	311 mm
2646SWM	46 mm	341 mm
2650SWM	50 mm	341 mm
2655SWM	55 mm	343 mm
2660SWM	60 mm	343 mm
2665SWM	65 mm	343 mm
2670SWM	70 mm	343 mm
2675SWM	75 mm	406 mm
2680SWM	80 mm	406 mm

ADJUSTABLE FACE SPANNER

•Designed for servicing seal and packing nuts on hydraulic cylinders.

PART NO.	MAX. CAPACITY	PIN DIAMETER	PIN LENGTH	LENGTH
C482	2"	3/16"	1/4"	6-3/8"
C483	3"	1/4"	1/4"	8-1/4"
C484	4"	5/16"	1/2"	10-3/8"

ADJUSTABLE PIN SPANNER

•Designed for servicing collars and lock nut rings.

PART NO.	DIAMETER CAPACITY	PIN DIAMETER	PIN LENGTH	HOOK THICKNESS	LENGTH
C491	3/4" to 2"	1/8"	1/8"	11/32"	6-3/8"
C492	3/4" to 2"	3/16"	5/32"	11/32"	6-3/8"
C494	1-1/4" to 3"	3/16"	3/16"	13/32"	8-1/8"
C495	1-1/4" to 3"	1/4"	7/32"	13/32"	8-1/8"
C497	2" to 4-3/4"	1/4"	1/4"	15/32"	11-3/8"
C499	4-1/2" to 6-1/4"	3/8"	1/4"	15/32"	12-1/8"

ADJUSTABLE HOOK SPANNER

•Designed for servicing collars, lock nut rings, and bearings.

PART NO.	DIAMETER CAPACITY	HOOK THICKNESS	HOOK DEPTH	LENGTH
C471	3/4" to 2"	11/32"	1/8"	6-3/8"
C472	1-1/4" to 3"	13/32"	5/32"	8-1/8"
C474	2" to 4-3/4"	15/32"	3/16"	11-3/8"
C474A	4-1/2" to 6-1/4"	15/32"	1/4"	12-1/8"
C474B	6-1/8" to 8-3/4"	15/32"	5/16"	13-3/4"

METRIC OFFSET SLUGGING WRENCHES SUPER HEAVY DUTY - 12 point

•Designed for heavy use in close quarters where hammer or sledge is required to loosen frozen nuts or set large fasteners.

PART NO.	HEX	LENGTH
HD032M	32 mm	213 mm
HD036M	36 mm	213 mm
HD041M	41 mm	257 mm
HD046M	46 mm	257 mm
HD050M	50 mm	273 mm
HD055M	55 mm	279 mm
HD060M	60 mm	368 mm
HD065M	65 mm	368 mm
HD070M	70 mm	368 mm
HD075M	75 mm	400 mm
HD080M	80 mm	441 mm
HD085M	85 mm	441 mm
HD090M	90 mm	451 mm
HD095M	95 mm	451 mm
HD100M	100 mm	457 mm
HD105M	105 mm	457 mm
HD110M	110 mm	502 mm
HD115M	115 mm	502 mm

UNIVERSAL CHAIN WRENCHES

•Fits any shape pipe. Forged steel handle has deep milled teeth. Chain capacity rating: 6200 lbs.

PART NO.	PIPE CAPACITY O.D.	LENGTH
801	7/8" to 4"	16-1/2"

Replacement Kit - chain and rivet.
Part No. 801RK.

Screw Extractors

SCREW EXTRACTOR SETS

PART NO.	DESCRIPTION
9500B	10 pc. Screw Extractor Set - in blow molded box Includes extractors: 1/8", 3/16", 7/32", 5/16", 3/8", 7/16", 17/32", 5/8", 3/4", 1"
9500A	5 pc. Screw Extractor Set Includes extractors: 1/8", 3/16", 7/32", 5/16", 3/8"

9500B

STUD REMOVERS

•1/2" square drive. Knurled roller grips studs, 1/2" to 3/4" capacity.
Part No. 4520.

SCREW EXTRACTORS

•Drive into end of broken pipe or fitting. Use tap holder or wrench on extractor to turn out broken part. Size stamped on extractor refers to drill bit size to be used with that extractor.

PART NO.	SIZE	LENGTH	DRILL SIZE	PIPE SIZE
9521	1/4", 5/16"	2-3/8"	1/8"	-
9522	3/8"	2-11/16"	3/16"	-
9523*	7/16"	2-15/16"	15/64"	1/8"
9524	1/2", 9/16"	3"	5/16"	1/4"
9525	5/8"	3-1/4"	3/8"	3/8"
9525B	3/4"	3-7/8"	15/32"	-
9526	7/8"	4-1/2"	9/16"	1/2"
9527	1", 1-1/8"	4-7/8"	21/32"	1/2"
9528	1-1/4", 1-3/8"	5-3/8"	13/16"	3/4"
9529	1-1/2"	5-1/2"	1-1/16"	1"

*For broken grease fittings

Special Purpose Pipe Tools

INTERNAL PIPE WRENCHES

•Screw forces jaws equally against inside surfaces of broken pipe or close nipples. Turn extractor with wrench to remove pipe quickly and safely. Requires no hammering to release.

PART NO.	SIZE	LENGTH
140	1/2"	3-5/8"
141	3/4"	3-5/8"
142	1"	3-5/8"

TUBE CUTTERS

•Cuts metal tubing from 1/8" through 1-1/8" O.D. quickly and cleanly.
Part No. 350.

TUBING FLARING TOOLS

•For tubing 3/16" through 5/8" O.D. Includes multiple hole 45° V-block and flaring yoke with hardened, polished, ball-bearing mounted cone.
Part No. 351.

TUBING CUTTING & FLARING SETS

•Cuts tubing from 1/8" through 1-1/8" O.D. and puts 45° flare on tubing 3/16" through 5/8". Set includes: tubing centre, flaring block, flaring yoke in a steel storage box.
Part No. 349.

STANLEY PROTO®

Torque Products

FOOT POUND TORQUE WRENCHES - RATCHET HEAD

•Packaged in blow molded plastic box for protection and easy storage

PART NO.	TORQUE RANGE FT. LB. / IN. LB.	GRADUATIONS FT. LB. / IN. LB.	TORQUE RANGE NM	GRADUATIONS NM	DRIVE SIZE	LENGTH
FOOT POUND						
6016C	30-150	1	47-210	1.36	1/2"	20-3/4"
6014C	50-250	1	75-345	1.36	1/2"	26-1/4"
6020AB	90-600	2	142-834	1.7	3/4"	41-1/2"
INCH POUND						
6064C	40-200	1	5.7-23.7	.11	3/8"	11-3/8"

TORQUE SCREWDRIVER - INCH OUNCE

•1/4" square to 1/4" hex adapter included for use with insert bits

PART NO.	TORQUE RANGE IN. OZ.	GRADUATIONS IN. OZ.	DRIVE SIZE	LENGTH
6104	2-100	2	1/4"	7-3/16"

6104

TORQUE SCREWDRIVER - INCH POUND

•1/4" square to 1/4" hex adapter included for use with insert bits

PART NO.	TORQUE RANGE IN. LB.	GRADUATIONS IN. LB.	DRIVE SIZE	LENGTH
6106	2-36	.5	1/4"	7-3/16"

Torque Products

TORQUE MULTIPLIERS

PART NO.	FOOT POUNDS	INPUT DRIVE	OUTPUT DRIVE	GEAR RATIO	MAXIMUM RATED INPUT	MAXIMUM RATED OUTPUT	EFFECTIVE MULTIPLICATION	LENGTH
6202A	750	1/2" Sq. female	3/4" Sq. male	4.0:1	227 ft. lbs. (303Nm)	750 ft. lbs. (1000 Nm)	3.3:1	8-17/32"
6212	1200	1/2" Sq. female	3/4" Sq. male	6.33:1	200 ft. lbs. (271 Nm, 27.7 mkg)	1200 ft. lbs. (1626 Nm, 166 mkg)	6.0:1*	20"
6222	2200	1/2" Sq. female	1" Sq. male	15.0:1	162 ft. lbs. (220 Nm, 22.4 mkg)	2200 ft. lbs. (2983 Nm, 304 mkg)	13.6:1*	20"
6232	3200	1/2" Sq. female	1" Sq. male	20.2	173 ft. lbs. (235 Nm, 23.9 mkg)	3200 ft. lbs. (4338 Nm, 443 mkg)	18.5:1*	20"
6234	2200	1/2" Sq. female	1" Sq. male	15.0:1	162 ft. lbs. (220 Nm, 22.4 mkg)	2200 ft. lbs. (2983 Nm, 304 mkg)	13.6:1*	14-1/16"
6242	5000	1/2" Sq. female	1-1/2" Sq. male	29.25:1	189 ft. lbs. (256 Nm)	5000 ft. lbs. (6778 Nm)	26.5:1*	14-29/32"
6252	8000	1-1/2" Sq. female	1-1/2" Sq. male	60:1	154 ft. lbs. (209 Nm)	8000 ft. lbs. (10846 Nm)	52.0:1*	15-3/16"

*±5%

6202A

6242

6234

6212

6222

ACCESSORY AIR DRIVES - 200 FOOT POUNDS

•Powered input to a Torque Multiplier can reduce operator fatigue. Maximum torque output: 200 ft. lbs. (271 Nm). Maximum running air pressure: 60 PSI

PART NO.	OUTPUT DRIVE	INPUT FITTING REQUIRED	MAX. DIAMETER	LENGTH
6201	1/2" Sq. Male	1/2" NPT Male	3-1/8"	16-1/4"

6201

OUTPUT SQUARE DRIVES

•Designed to twist off at 3% - 10% over rated capacity

PART NO.	SQUARE DRIVE SIZE	FOR TORQUE MULTIPLIER
6212RD	3/4"	6212
6222RD	1"	6222, 6234
6232RD	1"	6232

STANLEY PROTO®

Screwdrivers

SCREWDRIVER SETS

PART NO.	DESCRIPTION
88819	19 pc. Combination Screwdriver Set Includes: Cabinet tip, 3", (2) 4", (2) 8"; Standard tip (stubby); Phillips No. 2 (stubby); Phillips, No. 0, (2) No. 1, (2) No. 2, No. 3, No. 4; Standard tip, (2) 4", 6", 8", 12".
88818B	8 pc. Protoblack™ Combination Screwdriver Set - round shanks Includes blk oxide finish: Cabinet tip, (2) 3", 6"; Phillips, No. 1, No. 2, No. 3; Standard tip, 4", 6".
88808	8 pc. Combination Screwdriver Set - round shanks Includes: Cabinet tip, 3", 4", 5"; Phillips, No. 1, No. 2, No. 3; Standard tip, 4", 6".
88857	7 pc. Torx® Screwdriver Set Includes: Torx®, T10, T15, T20, T25, T27, T30, T40.
9507	7 pc. Insulated Tool Set - tested to 10,000 volts Includes: Phillips, No. 1, No. 2, No. 3; Standard tip, 4", 5", 6", 7"; Pouch.
88816	6 pc. Standard Screwdriver Set - square shanks Includes: Standard tip, (stubby), (2) 4", 6", 8", 12".
88806	6 pc. Standard Screwdriver Set - round shanks Includes: Standard tip, (stubby), 4", 6", 8", 10"; Cabinet tip, 4".
88836	6 pc. Phillips Screwdriver Set Includes: Phillips, No. 0, No. 1, No. 2, No. 2 (stubby), No. 3, No. 4.
88837B	6 pc. Protoblack™ Screwdriver Set Includes: blk oxide finish Phillips, No. 0, No. 1, No. 2, No. 2 (stubby), No. 3, No. 4.
88814	4 pc. Standard Screwdriver Set - square shanks Includes: Standard tip, 3", 4", 6", 8".
88824	4 pc. Cabinet Screwdriver Set Includes: Cabinet tip, 3", 4", 6", 8".

88808

88824

STANDARD TIP - Round Shank

PART NO.	SIZE	LENGTH
88004	1/4"	212 mm
88006	5/16"	275 mm
88008	3/8"	325 mm
88010	3/8"	375 mm

STANDARD TIP - Square Shank

PART NO.	SIZE	LENGTH
88002	1/4"	96 mm
88102	1/4"	212 mm
88103	1/4"	187 mm
88104	3/16"	
88105	5/16"	250 mm
88106	5/16"	275 mm
88108	3/8"	325 mm
88110	3/8"	375 mm
88112	3/8"	425 mm

CABINET TIP - Round Shank

PART NO.	SIZE	LENGTH
88203	1/8"	160 mm
88204	1/8"	185 mm
88206	1/8"	235 mm
88208	1/8"	285 mm
88213	3/16"	175 mm
88214	3/16"	200 mm
88215	3/16"	225 mm
88216	3/16"	250 mm
88218	3/16"	300 mm
88210	1/4"	362 mm

PHILLIPS TIP - Round Shank

PART NO.	SIZE	LENGTH
88393	No. 0	160 mm
88313	No. 1	175 mm
88318	No. 1	300 mm
88322	No. 2	96 mm
88324	No. 2	212 mm
88328	No. 2	312 mm
88336	No. 3	275 mm
88348	No. 4	325 mm

STANDARD TIP PROTOBLACK™- Round Shank - Blk Oxide Finish

PART NO.	SIZE	LENGTH
88004B	1/4"	212 mm
88006B	5/16"	275 mm

TORX® PROTOBLACK™ - Round Shank - Blk Oxide Finish

PART NO.	SIZE	LENGTH
88510	T10	180 mm
88515	T15	180 mm
88520	T20	200 mm
88525	T25	200 mm
88527	T27	237 mm
88530	T30	237 mm
88540	T40	237 mm

STANDARD TIP PROTOBLACK™ - Square Shank - Blk Oxide Finish

PART NO.	SIZE	LENGTH
88102B	1/4"	212 mm
88106B	5/16"	275 mm
88108B	3/8"	325 mm
88110B	3/8"	375 mm

CABINET TIP PROTOBLACK™ - Round Shank - Blk Oxide Finish

PART NO.	SIZE	LENGTH
88203B	1/8"	160 mm
88213B	3/16"	175 mm
88216B	3/16"	250 mm

PHILLIPS TIP PROTOBLACK™ - Round Shank - Blk Oxide Finish

PART NO.	SIZE	LENGTH
88393B	No. 0	160 mm
88313B	No. 1	175 mm
88322B	No. 2	96 mm
88324B	No. 2	212 mm
88336B	No. 3	275 mm
88348B	No. 4	325 mm

***Cushion Grip Screwdrivers** - non-slip grip increases torque and maximizes comfort. Blasted tips resist chrome peeling.*

CUSHION GRIP STANDARD TIP - Round Shank

PART NO.	SIZE	LENGTH
9403	3/16"	6-3/4"
9406	5/16"	10-11/32"
9408	3/8"	13-7/16"

CUSHION GRIP PHILLIPS TIP - Round Shank

PART NO.	SIZE	LENGTH
9482	No. 1	6-3/4"
9484	No. 2	8-11/32"

***Insulated Screwdrivers** - individually tested to 10,000 Volts. Rated to 1000V AC/1500V DC. Wear resistant molded handle and shank. Comfortable handle design. Black oxide tips. Meets ASTM F1505-94, IEC 900/EN 60900, VDE 0680/201. Safety orange colour.*

INSULATED SCREWDRIVER STANDARD TIP

PART NO.	SIZE	LENGTH
9513	3/32"	5-3/4"
9514	5/32"	7-1/2"
9515	7/32"	9"
9516	1/4"	10"
9517	5/16"	11-1/4"
9518	3/8"	12-3/8"

INSULATED SCREWDRIVER PHILLIPS TIP

PART NO.	SIZE	LENGTH
9500	No. 0	5-1/8"
9501	No. 1	6-3/4"
9502	No. 2	8"
9503	No. 3	10-1/4"

Magnetic Screwdrivers

MAGNETIC SCREWDRIVER BIT SETS

PART NO.	DESCRIPTION
9322	11 pc. Magnetic Ratcheting Screwdriver Bit Set - bit storage in handle Includes: Phillips #1, #2 / Slotted 4F-5R, 8F-10R / Nut Setter, 3/16", 1/4", 9/32", 5/16", 11/32", 7/16", Magnetic ratcheting screwdriver
9320	5 pc. Magnetic Ratcheting Screwdriver Bit Set - bit storage in handle Includes: Phillips #1, #2 / Slotted 4F-5R, 8F-10R, Magnetic ratcheting screwdriver
9224	5 pc. Magnetic Screwdriver Bit Set - long reach, bit storage in handle Includes: Phillips #1, #2 / Slotted 4F-5R, 8F-10R, Magnetic screwdriver - long reach

9320

9322

Screwdrivers & Screw Starters

OFFSET SCREWDRIVERS STANDARD TIP

•Black oxide finish

PART NO.	SIZE	LENGTH
36-1/4	1/4"	4-5/8"
36-5/16	5/16"	4-7/8"
36-3/8	3/8"	6-1/8"

OFFSET SCREWDRIVERS PHILLIPS TIP

•Black oxide finish - Precision milled tips

PART NO.	SIZE	LENGTH
34-1/4	1 and 2	4-3/4"
34-3/8	3 and 4	6-1/8"

SCREW STARTERS STANDARD TIP

PART NO.	LENGTH
9851	2-5/8"
9853*	5-5/8"
9855	9-5/8"

*Has pocket clip

9851

SCREW STARTERS PHILLIPS TIP

PART NO.	LENGTH
9882	2-3/4"
9884*	5-3/4"
9886	9-3/4"

*Has pocket clip

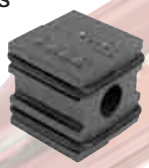
9882

SCREW STARTERS STANDARD & PHILLIPS TIP

Part No. 9866, 6¼" in length, with pocket clip.

SCREWDRIVER MAGNETIZERS/ DEMAGNETIZERS

Part No. 9888.



9200DB

9200C

Nut Drivers

NUT DRIVER SETS

Part No. 9200H, 7 pc. Hollow Shaft Nut Driver Set - Includes: 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2".

Part No. 9200DB, 11 pc. Nut Driver Set - Includes: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8".

Part No. 9200C, 7 pc. Nut Driver Set - Includes: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8".

Part No. 9200M, 5 pc. Midget Nut Driver Set - Includes: 5/64", 3/32", 7/64", 1/8", 5/32".

METRIC NUT DRIVERS

•Blue handle for easy metric identification.

PART NO.	SIZE	LENGTH
9204M	4 mm	172 mm
9205M	5 mm	172 mm
92055M	5.5 mm	172 mm
9206M	6 mm	172 mm
9207M	7 mm	172 mm
9208M	8 mm	172 mm
9209M	9 mm	172 mm
9210M	10 mm	172 mm
9211M	11 mm	172 mm
9212M	12 mm	178 mm
9213M	13 mm	178 mm
9214M	14 mm	178 mm
9217M	17 mm	178 mm

NUT DRIVERS

•Colour coded handles for easy size identification. Precision formed, heat treated hex openings.

PART NO.	SIZE	LENGTH
9206	3/16"	6-11/16"
9207	7/32"	6-11/16"
9208	1/4"	6-11/16"
9209	9/32"	6-11/16"
9210	5/16"	6-11/16"
9211	11/32"	6-11/16"
9212	3/8"	6-11/16"
9214	7/16"	7"
9216	1/2"	7"
9218	9/16"	7"
9220	5/8"	7"

HOLLOW SHAFT NUT DRIVERS

•Colour coded handles for easy size identification. One piece shaft design for greater strength.

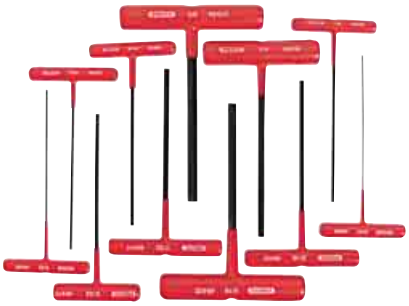
PART NO.	SIZE	LENGTH
9206H	3/16"	6-11/16"
9208H	1/4"	6-11/16"
9210H	5/16"	6-11/16"
9211H	11/32"	6-11/16"
9212H	3/8"	6-11/16"
9214H	7/16"	7"
9216H	1/2"	7"

NUT DRIVER

STANLEY PROTO

PROTO

Hex Keys



4968

4995

4986

4983

4987

4996

4993

4974

HEX KEY SETS

PART NO.	DESCRIPTION
4968	11 pc. T-Handle Hex Key Set Sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
4995	13 pc. Ball Style Hex Key Set - screws can be tightened or loosened at angles up to 25° in molded plastic holder Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
4986	18 pc. Hex Key Set - in metal box Sizes: .028", .035", .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 1/2", 9/16", 5/8"
4980	13 pc. Hex Key Set - in molded plastic holder Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
4981	11 pc. Hex Key Set - in molded plastic holder Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"
4982	7 pc. Hex Key Set - in molded plastic holder Sizes: 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4"
4987	14 pc. Long Hex Key Set - in metal box Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 1/2"
4983	13 pc. Long Hex Key Set - in molded plastic holder Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
4961	10 pc. Torx® Key Set - in plastic pouch Sizes: T10, T15, T20, T25, T27, T30, T40, T45, T50, T55
4978	9 pc. Folding Hex Key Set - chrome plated steel case is 3-5/8" long. Black oxide bits are 1¼" to 2" long Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16"
4993	9 pc. Folding Hex Key Set - chrome plated steel case is 4-1/4" long. Black oxide bits are 1-7/16" to 2¾" long Sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16",7/32", 1/4"
4992	8 pc. Folding Hex Key Set - chrome plated steel case is 3" long. Black oxide bits are 1¼" to 1-15/16" long. Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"
4991	8 pc. Long Folding Hex Key Set - chrome plated steel case is 5¼" long. Black oxide bits are 4" long. Sizes: 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"
4994	5 pc. Long Folding Hex Key Set - chrome plated steel case is 5¼" long. Black oxide bits are 2-7/16" to 3¼" long Sizes: 3/16", 7/32", 1/4", 5/16", 3/8"
4979TX	8 pc. Folding Torx® Key Set Sizes: T9, T10, T15, T20, T25, T27, T30, T40
4969	6 pc. Metric T-Handle Hex Key Set Sizes: 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm
4996	9 pc. Metric Ball Style Hex Key Set - in molded plastic holder. Screws can be tightened or loosened at angles up to 25°. Sizes: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm
4988M	15 pc. Metric Hex Key Set - in metal box Sizes: .07 mm, .09 mm, 1.3 mm, 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm, 12 mm, 14 mm, 17 mm
4984	9 pc. Metric Hex Key Set - in molded plastic holder Sizes: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm
4985	7 pc. Metric Hex Key Set - in molded plastic holder Sizes: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm
4974	7 pc. Metric Folding Hex Key Set - chrome plated steel case is 3-1/2" long. Black oxide bits are 3" long Sizes: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm
4973	6 pc. Metric Long Folding Hex Key Set - chrome plated steel case is 6-1/2" long. Black oxide bits are 5" long Sizes: 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm

Pliers

POWER TRACK II™ PLIERS- NATURAL FINISH

PART NO.	LENGTH	MAX.
261SG†	4-5/8"	15/32"
262SG	7-1/16"	1-1/8"
263SG	9-9/16"	1-1/2"
260SG	10-3/16"	2-1/8"
264SG	12"	2-5/8"
265SG	16-7/8"	4-1/16"

†Forged undercut
G = Plastisol Dipped Handles

COMBINATION PLIERS

PART NO.	LENGTH
275	5-3/4"
275G	5-13/16"
276	6-1/2"
276G	6-9/16"
278	8"
278G	8-1/16"
280	9-1/2"
280G	9-9/16"

G = Plastisol Dipped Handles

THIN NOSE PLIERS

•Has two jaw positions and shear type wire cutter.

PART NO.	LENGTH
202G	6-11/16"

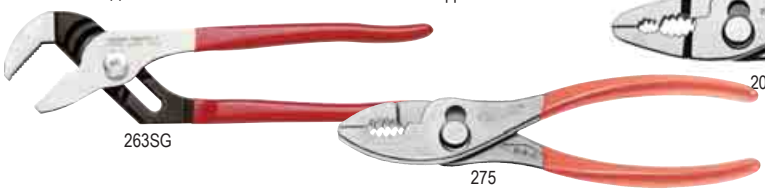
G = Plastisol Dipped Handles

MIDGET ANGLE NOSE PLIERS

PART NO.	LENGTH
235	5-1/16"

235

202G



263SG

275

STANLEY PROTO

Pliers

DIAGONAL CUTTING PLIERS - LONG REACH - HIGH LEVERAGE - ANGLED HEAD

•30° angled head for hard to reach areas. Wide handle contour for less fatique.

PART NO.	LENGTH
244G	11-1/8"

G = Plastisol Dipped Handles

DIAGONAL CUTTING PLIERS - LONG REACH - GRIPPING TIP

PART NO.	LENGTH
246G	11-1/8"

G = Plastisol Dipped Handles

DIAGONAL CUTTING PLIERS

PART NO.	LENGTH
285BSG	4-5/8"
204G	4-7/16"
204SG	4-7/16"
205G	5-1/16"
206G	6-1/16"
207G	7-5/16"

G = Plastisol Dipped Handles
S = Coil Spring

DIAGONAL CUTTING PLIERS - HEAVY DUTY

PART NO.	LENGTH
209G	7-5/16"
210G	8-1/8"

G = Plastisol Dipped Handles

LINEMAN'S PLIERS

•For utility linemen, wiring and electrical equipment installation, and maintenance. Induction hardened cutting edges and diamond serrated jaws. Built-in insulation crusher.

PART NO.	LENGTH
268G	8-5/8"

G = Plastisol Dipped Handles

LINEMAN'S PLIERS - NEW ENGLAND STYLE

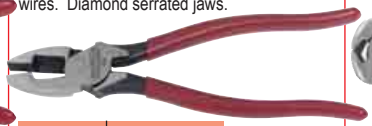
•Slim rounded nose for easy access in restricted spaces. Diamond serrated jaws.

PART NO.	LENGTH
266G	6-3/16"
267G	7-1/4"

G = Plastisol Dipped Handles

LINEMAN'S PLIERS - HIGH LEVERAGE

•Jaws have offset rivet for increased leverage. Designed for cutting No. 8 and other large wires. Diamond serrated jaws.



PART NO.	LENGTH
269G	9-1/4"

G = Plastisol Dipped Handles

END CUTTING PLIERS - HIGH LEVERAGE

•Semi-flush cutting in areas inaccessible to side cutting pliers.

PART NO.	LENGTH
272G	8-1/4"

G = Plastisol Dipped Handles

NEEDLE NOSE PLIERS - LONG REACH

•Extra long handle allows greater access to confined, restricted areas.

PART NO.	LENGTH
240G	11-9/16"

G = Plastisol Dipped Handles

NEEDLE NOSE PLIERS - LONG REACH - BENT NOSE

•Extra long handle allows greater access to confined, restricted areas.

PART NO.	LENGTH
241G	11-3/8"

G = Plastisol Dipped Handles

NEEDLE NOSE PLIERS WITH SIDE CUTTER

•Induction hardened cutting edges. Diamond serrated jaws.

PART NO.	LENGTH
229-01G	5-9/16"
226G	6-5/8"
226-01G	7-1/2"

G = Plastisol Dipped Handles

NEEDLE NOSE PLIERS

•Diamond serrated jaws.

PART NO.	LENGTH
282BSG	4-7/8"
220G	6-5/8"

G = Plastisol Dipped Handles
S = Coil Spring

NEEDLE NOSE PLIERS - LONG THIN

•Diamond serrated jaws.

PART NO.	LENGTH
222G	6-11/16"

G = Plastisol Dipped Handles

NEEDLE NOSE PLIERS - LONG EXTRA THIN

•For gripping, looping, and twisting wire in confined areas.

PART NO.	LENGTH
223G	6-5/32"

G = Plastisol Dipped Handles

NEEDLE NOSE PLIERS - BENT NOSE

•Nose bent to 78° angle to reach around obstructions. Diamond serrated jaws.

PART NO.	LENGTH
225G	6-5/16"

G = Plastisol Dipped Handles

NEEDLE NOSE PLIERS - LONG

•Long handle for added leverage. Diamond serrated jaws.

PART NO.	LENGTH
228G	7-25/32"

G = Plastisol Dipped Handles

DUCKBILL PLIERS

•Wide, flat nose for better grip than standard needle nose pliers. Diamond serrated jaws.

PART NO.	LENGTH
227G	7-25/32"

G = Plastisol Dipped Handles

STANLEY PROTO®

LOCKING PLIERS - LONG NOSE

•Needle nose design for access in tight areas.

PART NO.	JAW THICKNESS	JAW ADJUSTMENT	LENGTH
286LN	5/32" at tip 5/16" at base	2-1/4" at tip 1-5/16" at base	6"
289LN	3/16" at tip 13/32" at base	2-7/8" at tip 1-5/16" at base	9"

LOCKING PLIERS - STRAIGHT JAW

PART NO.	JAW THICKNESS	JAW ADJUSTMENT	LENGTH
291R	1/2"	1-1/8"	7"
293R	5/8"	1-5/8"	10"

LOCKING PLIERS - CURVED JAW

•Curved jaw applies pressure on all points of any style nut or bolt.

PART NO.	JAW THICKNESS	JAW ADJUSTMENT	LENGTH
290R	5/16"	1-5/8"	7"
292R	7/16"	1-7/8"	10"

RETAINING RING PLIERS SET - WITH REPLACEABLE TIPS

•Includes one internal and one external plier. Covers ring range: External 1/4" - 2", Internal 3/8" - 2". Contains 16 interchangeable tips listed below. Pliers overall length 6-1/4". Part No. 380.

QUANTITY	TIP SIZE	TIP ANGLE
4	.038	90°
4	.047	45°
4	.047	0°
4	.070	0°

RETAINING RING PLIERS - CONVERTIBLE - USE WITH EITHER EXTERNAL OR INTERNAL RETAINING RINGS

•Converts from internal to external or vice versa, when pivot screw is moved to adjacent tapped hole. Fixed tips are precision formed and induction hardened for accurate fit and long wear. Use the largest diameter tip that will fit the retaining rings being removed or installed.

PART NO.	TIP ANGLE	TIP SIZE	LENGTH
399	0°	.038	5-7/8"
370	45°	.038	5-3/4"
371	90°	.038	5-11/16"
372	0°	.047	5-7/8"
373	45°	.047	5-3/4"
374	90°	.047	5-11/16"
385	0°	.070	7-1/2"
375	45°	.070	7-3/8"
376	90°	.070	7-1/8"
377	0°	.090	9-1/4"
378	45°	.090	9"
379	90°	.090	8-5/8"

12 pc. CONVERTIBLE RETAINING RING PLIERS SET

•Convenient blow molded carrying case includes storage for spare rings.
Part No. 360B.

QUANTITY	TIP SIZE	TIP ANGLE
.038	0°	5-7/8"
.038	45°	5-3/4"
.038	90°	5-11/16"
.047	0°	5-7/8"
.047	45°	5-3/4"
.047	90°	5-11/16"
.070	0°	7-1/2"
.070	45°	7-3/8"
.070	90°	7-1/8"
.090	0°	9-1/4"
.090	45°	9"
.090	90°	8-5/8"

REPLACEMENT TIPS

•Includes 16 replacement tips listed above in plastic box.
Part No. 380T.

RETAINING RING PLIERS - EXTERNAL

•Used with external retaining rings. Fixed tips are precision formed and induction hardened for accurate fit and long wear.

PART NO.	TIP ANGLE	TIP SIZE	LENGTH
388*	0°	.023	5-1/4"
391	0°	.038	6-1/8"
397	90°	.038	6-1/8"
393	0°	.070	6-7/8"
395	0°	.115	9-1/8"

*No vinyl grips

RETAINING RING PLIERS SET - WITH REPLACEABLE TIPS

•Includes one internal and one external plier. Covers ring range: External 1-1/2" - 3-3/4", Internal 2-7/16" - 4". Spring loaded ratchet mechanism minimizes operator fatigue by allowing ring to be compressed or expanded through gradual "moves" and locks at desired size. Heavy and large rings are safely and easily controlled. Contains 16 interchangeable tips. Pliers overall length 9½".
Part No. 361.

QUANTITY	TIP SIZE	TIP ANGLE
2	.108	0°
2	.108	15°
2	.108	45°
2	.108	90°
2	.120	0°
2	.120	15°
2	.120	45°
2	.120	90°

RETAINING RING PLIERS - INTERNAL

•Used with internal retaining rings. Fixed tips are precision formed and induction hardened for accurate fit and long wear.

PART NO.	TIP ANGLE	TIP SIZE	LENGTH
390	0°	.025	5-3/8"
389	0°	.038	5-3/8"
398	45°	.038	5-3/8"
392	0°	.070	6-1/2"
394	0°	.090	9"

STANLEY
PROTO®

Pliers

LARGE RETAINING RING PLIERS - INTERNAL/ EXTERNAL

•Spring loaded ratchet mechanism minimizes operator fatigue by allowing ring to be compressed or expanded through gradual "moves" and locks at desired size. Heavy and large rings are safely and easily controlled. Replaceable tips in straight, 45° and 90° make it possible to remove and install rings in most applications.

PART NO.	TIP ANGLE	TIP SIZE	LENGTH	SHAFT DIAMETER INCHES (EXTERNAL)	BORE DIAMETER INCHES (INTERNAL)
364	0°	.120	16½"	—	3-1/16-6 3-5/32-4
365	0°	.120	16½"	3-35/64-6½ 3½-4	—

REPLACEMENT TIPS

Part No. 364-T0, 0° TIPS
Part No. 364-T45, 45° TIPS
Part No. 364-T90, 90° TIPS

WIRE STRIPPERS

•Strips wire sizes 10, 12, 14, 16, 18 and 20 AWG - American Wire Gauge. Wire cutter. Plier nose for pulling and looping wire. Spring return and convenient handle lock. Plastisol grips for added comfort.

PART NO.	LENGTH
297	6-1/16"

LOCK RING PLIERS - PARALLEL JAW

•For removal of lock snap rings used on bearing shafts. Compound leverage simplifies removal. Jaw tips are indented to hold ring ends and prevent breakage. Jaws spread 1¼". Plastisol grips for added comfort.

PART NO.	LENGTH
251G	10-9/16"

BRAKE PLIERS - ALL PURPOSE

PART NO.	LENGTH
217	12-7/8"

WIRE STRIPPERS/CRIMPERS

•Strips 10-22 AWG - American Wire Gauge. Box style crimp. Crimps insulated and non-insulated terminals for 10-22 AWG wire. Crimps non-insulated 7 mm and 8 mm auto ignition wire. Cuts screw/bolt sizes 4-40, 5-40, 6-32, 8-32, 10-32, 10-24. Anvil type wire cutter for cutting copper wire. Plastisol grips for added comfort.

PART NO.	LENGTH
299	8-5/8"

WIRE STRIPPERS

•Strips wire sizes 22, 24, 26, 28 and 30 AWG - American Wire Gauge. Wire cutter. Plier nose for pulling and looping wire. Automatic spring return. Plastisol grips for added comfort.

PART NO.	LENGTH
296	6-1/16"

LOCK RING - "HORSESHOE" WASHER PLIERS

•For spreading both soft iron "horse-shoe" lock washers used on brakes and tempered steel lock rings used on gear and bearing shafts. Plastisol grips for added comfort.

PART NO.	LENGTH
250G	7-13/16"

HOSE CLAMP PLIERS

•Installs and removes wire spring tension clamps. Two position jaws grip full range of clamp sizes.

PART NO.	LENGTH
252G*	7-3/4"

*Plastisol Grip

BATTERY TERMINAL SPREADER & REAMER

PART NO.	LENGTH
319*	7½"

*Plastisol Grip

5 IN 1 MULTI-PURPOSE PLIERS

•Strips 10-22 AWG - American Wire Gauge. Crimps insulated and non-insulated terminals for 10-22 AWG wire. Crimps non-insulated 7 mm and 8 mm auto ignition wire. Cuts screw/bolt sizes 4-40, 5-40, 6-32, 8-32, 10-32, 10-24. Cuts copper wire. Plier nose designed to grip, bend, and pull wire. Plastisol grips for added comfort.

PART NO.	LENGTH
298	8-1/4"

CABLE CUTTERS

•Cuts up to 3/0 fine stranded copper battery cable. Precision ground blades minimize deflection. Positive fastener maintains pressure on matching cutting surfaces. Plastisol grips for added comfort.

PART NO.	LENGTH
288	7-1/2"

SAFETY WIRE TWISTER PLIERS

•Safety wire is often used in aviation and other applications where vibration may cause fasteners to back out. Heat treated cutting edges for cutting tough stainless steel safety wire. Flat top diamond serrations on jaws hold wire securely and resist nicking. Diagonal nose allows access in tight work areas. Automatic spring return feature speeds operation and reduces fatigue. 190 designed for wire sizes .020" - .041". 191, 192, 195 designed for wire sizes .020" - .060".

191

194

Part No. 194, 3 pc. wire twister plier set - includes part #190, #191 and #193.
Part No. 190, 6" wire twister pliers. 8-3/8" in length.
Part No. 191, 9" wire twister pliers. 10-3/8" in length.
Part No. 192, 9" Automatic wire twister pliers. 10-3/8" in length.
Part No. 195, 9" Automatic wire twister pliers - left hand twist. 10-3/8" in length.
Part No. 193, Deep reach wire twister pliers. Designed for access into close clearance areas. 18-7/8" in length.

193

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AVIATION SNIPS

•Compound leverage multiplies handle pressure and increases control for intricate cutting. Serrated blades for maximum grip of the material being cut.

PART NO.	CUTS	HANDLE COLOUR	LENGTH
303L	Left	Red	10”
303R	Right	Green	10”
303S	Straight	Yellow	10”

CIRCULAR CUTTING SNIPS

•Duckbill snips are designed for circle and odd shaped radius cutting.

PART NO.	LENGTH
307*	7”
310*	10”
312*	12-3/4”

*Plastisol Grip

STRAIGHT CUTTING SNIPS

•Designed for all straight cutting including inside and outside corners.

PART NO.	LENGTH
317*	7”
320*	10”
322*	12-3/4”

*Plastisol Grip

3

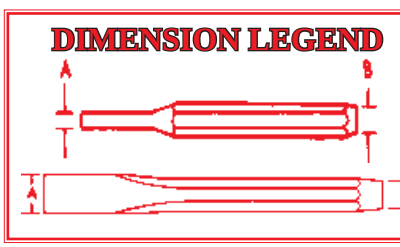
48007

96A

Punches & Chisels

PUNCH & CHISEL SETS

PART NO.	DESCRIPTION
46	26 pc. Punch and Chisel Set Includes: Centre punch: 3/8”, 1/2”; Prick punch: 5/16”; Drive pin punch: 5/64”, 7/64”, 5/32”, 11/64”, 13/64”, 15/64”; Starting punch: 3/32”, 1/8”, 3/16”, 7/32”, 1/4”; Cold chisel: 1/4”, 5/16”, 3/8”, 1/2”, 5/8”, 3/4”, 7/8”, 1”, 1-3/16”; Drift punch: 1/8”, 3/16”, 1/4”.
2	12 pc. Punch and Chisel Set Includes: Centre punch: 3/8”; Drive pin punch: 5/64”, 7/64”, 11/64”; Starting punch: 1/16”, 1/8”, 3/16”; Cape chisel: 13/64”; Diamond point: 3/16”; Cold chisel: 5/16”, 7/16”, 1/2”.
3	5 pc. Punch and Chisel Set Includes: Centre punch: 3/8”; Drive pin punch: 1/8”, 3/16”; Starting punch: 1/8”; Cold chisel: 5/8”.
86000	5 pc. Super-Duty Cold Chisel Set Includes: Super-duty cold chisel: 3/8”, 1/2”, 5/8”, 3/4”, 7/8”.
86B	7 pc. Cold Chisel Set Includes: Cold chisel: 5/16”, 3/8”, 7/16”, 1/2”, 5/8”, 3/4”, 7/8”.
86C	5 pc. Cold Chisel Set Includes: Cold chisel: 5/16”, 3/8”, 7/16”, 1/2”, 5/8”.
48007	7 pc. Super-Duty Drive Pin Punch Set - one piece design Includes: Super-duty drive pin punch: 1/16”, 3/32”, 1/8”, 5/32”, 3/16”, 7/32”, 1/4”.
47A	7 pc. Drive Pin Punch Set - one piece design Includes: Drive pin punch: 3/64”, 5/64”, 7/64”, 5/32”, 11/64”, 13/64”, 15/64”.
48005L	5 pc. Long Drive Pin Punch Set - two piece design Includes: Long drive pin punch: 5/32”, 3/16”, 7/32”, 1/4”, 5/16”.
49007	7 pc. Roll Pin Punch Set - one piece design Includes: Roll pin punch: 1/16”, 3/32”, 1/8”, 5/32”, 3/16”, 7/32”, 1/4”.
96A	7 pc. Drift Punch Set Includes: Drift punch: 3/32”, 1/8”, 3/16”, 7/32”, 1/4”, 5/16”, 3/8”.
96B	5 pc. Drift Punch Set Includes: Drift punch: 1/8”, 3/16”, 7/32”, 1/4”, 5/16”.



CAPE CHISELS

•Designed for cutting keyways and slots in metal. Modified parabolic struck end for greater resistance to mushrooming and chipping.

PART NO.	A	B	LENGTH
72-1/4	11/64”	1/4”	4-5/8”
72-5/16	13/64”	5/16”	5-1/8”
72-3/8	17/64”	3/8”	5-1/2”

COLD CHISELS

•Designed to cut any cold metal softer than the chisel itself such as wrought iron, cast iron, steel, brass, bronze, copper, aluminum, bolts, nuts, and rivets. Modified parabolic struck end for greater resistance to mushrooming and chipping.

PART NO.	A	B	LENGTH
86A-3/16	1/4”	3/16”	5”
86A-1/4	5/16”	1/4”	5-1/8”
86A-5/16	3/8”	5/16”	5-3/8”
86A-3/8	7/16”	3/8”	5-9/16”
86A-7/16	1/2”	7/16”	6”
86A-1/2	5/8”	1/2”	6-3/4”
86A-5/8	3/4”	19/32”	6-7/8”
86A-3/4X8	7/8”	23/32”	8”
86A-3/4X12	7/8”	23/32”	12”
86A-7/8X8	1”	13/16”	8-1/8”
86A-7/8X12	1”	13/16”	12”
86A1X8	1-3/16”	15/16”	8-3/8”

SUPER-DUTY COLD CHISELS

•For use in extremely harsh work environments. Made from tool steel and specially heat treated for greater strength and ductility. 20% larger striking surface then standard chisels directs the power to the cutting edge. Longer shank features a knurl for better grip.

PART NO.	A	B	LENGTH
86038	3/8”	3/8”	6”
86012	1/2”	1/2”	6-13/16”
86058	5/8”	5/8”	7-5/8”
86034	3/4”	3/4”	8-7/16”
86078	7/8”	7/8”	9-1/4”
86001	1”	15/16”	10-1/16”

STANLEY
PROTO®

Punches & Chisels

DIAMOND POINT CHISELS

•Used to cut V-grooves and clean out inside corners. Modified parabolic struck end for greater resistance to mushrooming and chipping.

PART NO.	A	B	LENGTH
76-1/4	5/32"	1/4"	4-1/2"
76-5/16	3/16"	5/16"	5"
76-3/8	1/4"	3/8"	5-5/8"
76-1/2	5/16"	1/2"	6"
76-5/8	3/8"	19/32"	6-1/2"

SUPER-DUTY LONG DRIVE PIN PUNCHES (ONE PIECE DESIGN)

•Made from tool steel and specially heat treated for greater strength and ductility. Modified parabolic struck end for greater resistance to mushrooming and chipping.

PART NO.	A	B	LENGTH
48532L	5/32"	3/8"	8"
48316L	3/16"	3/8"	8"
48732L	7/32"	7/16"	8"
48014L	1/4"	1/2"	8"
48516L	5/16"	1/2"	8"

CENTRE PUNCHES

•Used in metal working layout. Used for marking intersecting centre lines, hole locations and pilot drill starting points. Modified parabolic struck end for greater resistance to mushrooming and chipping.

PART NO.	A	B	LENGTH
41-1/4	—	1/4"	4-1/4"
41-5/16	—	5/16"	4-5/8"
41-3/8	—	3/8"	4-7/8"
41-7/16	—	7/16"	5-1/4"
41-1/2	—	1/2"	5-5/8"
41-5/8	—	19/32"	6-1/4"

PRICK PUNCHES

•Used in sheet metal layout work for scribing and for punching starting holes for sheet metal screws. Used for aligning holes in two or more metal sheets. Modified parabolic struck end for greater resistance to mushrooming and chipping.

PART NO.	A	B	LENGTH
44-1/4	—	1/4"	4-3/4"
44-5/16	—	5/16"	5"
44-3/8	—	3/8"	5-1/4"

SUPER-DUTY DRIVE PIN PUNCHES (ONE PIECE DESIGN)

•For use in extremely harsh work environments. Made from tool steel and specially heat treated for greater strength and ductility. Modified parabolic struck end for greater resistance to mushrooming and chipping.

PART NO.	A	B	LENGTH
48116	1/16"	1/4"	4-1/8"
48332	3/32"	1/4"	4-1/2"
48018	1/8"	5/16"	4-3/4"
48532	5/32"	5/16"	5"
48316	3/16"	3/8"	5-1/4"
48732	7/32"	7/16"	5-1/2"
48014	1/4"	7/16"	5-3/4"
48516	5/16"	1/2"	6-1/4"
48038	3/8"	5/8"	6-1/2"

SUPER-DUTY ROLL PIN PUNCHES (ONE PIECE DESIGN)

•Specially designed ball in centre of tip fits inside the roll pin to prevent damage to the pin. Made from tool steel and specially heat treated for greater strength and ductility. Modified parabolic struck end for greater resistance to mushrooming and chipping.

PART NO.	A	B	LENGTH
49116	1/16"	1/4"	3-3/4"
49332	3/32"	1/4"	4-1/4"
49018	1/8"	5/16"	4-3/4"
49532	5/32"	5/16"	5-1/4"
49316	3/16"	3/8"	5-7/16"
49732	7/32"	3/8"	5-7/8"
49014	1/4"	7/16"	6-7/16"

LONG ALIGNING PUNCHES

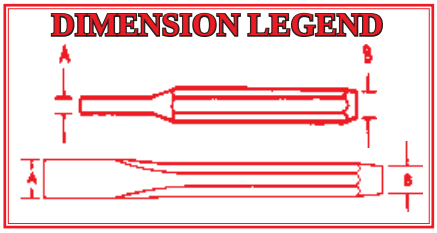
•Used for lining up holes in flanges, assemblies and other mating parts and for removing long pins and shafts. Modified parabolic struck end for greater resistance to mushrooming and chipping.

PART NO.	A	B	LENGTH
15-5/8	3/16"	19/32"	16"

PUNCH & CHISEL HOLDER

•Holds punches and chisels up to one inch in diameter reducing the risk of injury. Nylon insert absorbs shock. Large four-sided handle.

PART NO.	LENGTH
2108	8-1/2"



DRIVE PIN PUNCHES (TWO PIECE DESIGN)

•Two piece allows tip to have a higher hardness for greater durability and allows the tip to be produced straighter to prevent binding. Modified parabolic struck end for greater resistance to mushrooming and chipping.

PART NO.	A	B	LENGTH
47-1/4X1/16	3/64"	1/4"	4-3/8"
47-1/4X3/32	5/64"	1/4"	4-13/16"
47-5/16X1/8	7/64"	5/16"	5-1/4"
47-5/16X5/32	5/32"	5/16"	5-9/16"
47-3/8X3/16	11/64"	3/8"	5-7/8"
47-7/16X7/32	13/64"	7/16"	6-3/8"
47-1/2X1/4	15/64"	1/2"	6-3/4"

DRIFT PUNCHES

•For installing and removing pins and shafts. Used to align holes in two or more pieces of metal through which a bolt or screw is to be inserted. Modified parabolic struck end for greater resistance to mushrooming and chipping.

PART NO.	A	B	LENGTH
96-1/4	3/32"	1/4"	10-1/8"
96-5/16	1/8"	5/16"	10-1/8"
96-3/8	3/16"	3/8"	10-1/8"
96-7/16	7/32"	7/16"	10-1/8"
96-1/2	1/4"	1/2"	10-1/8"
96-5/8	5/16"	19/32"	10-1/8"
96-3/4	3/8"	23/32"	10-1/8"

STARTING PUNCHES

•Similar to drift punches, but have wider points and heavier, shorter body. Designed for installing pins and rivets and for starting their removal. Modified parabolic struck end for greater resistance to mushrooming and chipping.

PART NO.	A	B	LENGTH
50-3/16	1/16"	3/16"	4-1/8"
50-5/16	1/8"	5/16"	5-1/8"
50-3/8	3/16"	3/8"	5-5/8"
50-1/2	1/4"	1/2"	6-1/2"

STANLEY PROTO®

PROTO Pry Bars

PRY BARS

•Large handle for a better grip and added comfort.

PART NO.	LENGTH
2140	14-1/2"
2142	17-1/2"
2146	28"
2148	31-7/8"

4 PC. PRY BAR SET

Contains; Aligning pry bars: 18", 24"; Rolling head bars: 12", 16".
Part No. 2100.

ALIGNING PRY BARS

•Used for prying, positioning, and aligning applications.

PART NO.	LENGTH
2116	16"
2120	18"
2124	24"
2125	30"

ROLLING HEAD BARS

•Pry and aligning bar with a long pointed taper and 90° rolling head.

PART NO.	LENGTH
2126	12"
2130	16"

2140

2126

2116

2100

STANLEY PROTO®

Hammers

BALL PEIN HAMMERS - INDUSTRIAL WOOD HANDLE

•Tough drop forged head with rim tempered hardened face and pein. Face, chamfer, checks and pein are polished and have a protective coating of clear lacquer. Hardwood handle have contoured shape with red lacquer grip.

PART NO.	SIZE	LENGTH
1304PD	4 oz.	11"
1308PD	8 oz.	12"
1312PD	12 oz.	13"
1316PD	16 oz.	14½"
1324PD	24 oz.	15"
1332PD	32 oz.	15-7/8"
1340PD	40 oz.	16-3/8"

BALL PEIN HAMMERS - INDUSTRIAL FIBREGLASS HANDLE

•Well balanced professional hammer with selectively hardened drop forged head epoxy bonded to strong, lightweight fibreglass handle. Molded jacket over the fiberglass handle provides maximum overstrike protection. Exclusive Rim-Tempered™ process minimizes chipping from off-centre strikes.

PART NO.	SIZE	LENGTH
1312PGD	12 oz.	12-1/16"
1316PGD*	16 oz.	13-1/16"
1324PGD*	24 oz.	14-3/16"
1332PGD*	32 oz.	15-1/4"

*Jacketed

SOFT FACE HAMMERS

•Have two non-marring plastic tips, one medium and one tough. Tips are screw-on type and are easily replaced. Fibreglass handle.

PART NO.	LENGTH
1360	12-1/8"
1362*	12-1/8"
1364	13-1/8"

*Slightly heavier in weight.

TIPS FOR SOFT FACE HAMMERS.

Part No. 1360M, Medium tip for #1360
Part No. 1360T, Tough tip for #1360
Part No. 1384M, Medium tip for #1362
Part No. 1364M, Medium tip for #1364

RUBBER MALLET

•Soft but tough, non-flaking Neoprene head prevents damage. Hickory handle 16¾" in length.
Part No. 1368.

TWO-WAY HAMMER

•Has a combined forged steel and replaceable rubber head. Tough genuine hickory handle 16" in length.
Part No. 1448A.

SOFT FACE HAMMERS - WITH TIPS

•Each hammer comes with one each medium and hard tip installed. Fibreglass handle.

PART NO.	LENGTH
SF105HM	11"
SF150HM	12"
SF200HM	13"
SF205HM*	13"

*Slightly heavier in weight.

SOFT FACE HAMMERS - WITHOUT TIPS

•Fibreglass handle.

PART NO.	LENGTH
SF100	11"
SF105*	11"
SF150	12"
SF155*	12"
SF200	13"
SF205*	13"
SF250	14"
SF255*	14"

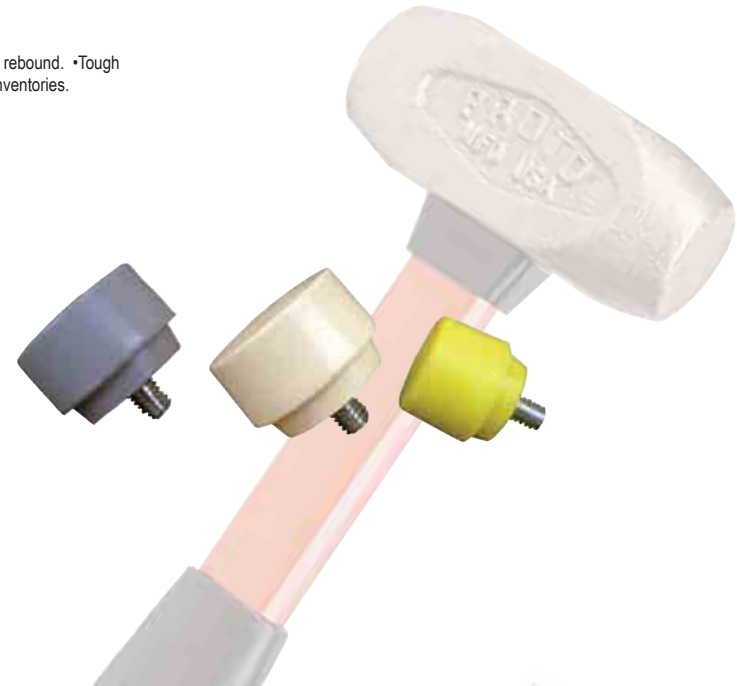
*Slightly heavier in weight.

Hammers

SURFACE PROTECTIVE TIPS

•Resistant to oil, gasoline, and common industrial chemicals. •Eliminate sting, vibration, and rebound. •Tough and resilient. •Colour coded for degree of hardness. •Interchangeability reduces hammer inventories.

PART NO.	DIA.	DEGREE OF HARDNESS	MATERIAL HARDNESS EQUIVALENT	COLOUR
SF10M	1"	Medium	Rubber, wood, rawhide	Red
SF10T	1"	Tough	Rawhide, hardwood, plastic	Green
SF10MH	1"	Medium hard	Rawhide, hardwood, lead	Cream
SF10H	1"	Hard	Rawhide, plastic, micarta	Black
SF10XH	1"	Extra hard	Micarta, fibre, copper	Yellow
SF15SS	1-1/2"	Super soft	Soft rubber	Grey
SF15S	1-1/2"	Soft	Soft rubber, wood	Brown
SF15M	1-1/2"	Medium	Rubber, wood, rawhide	Red
SF15T	1-1/2"	Tough	Rawhide, hardwood, plastic	Green
SF15MH	1-1/2"	Medium hard	Rawhide, hardwood, lead	Cream
SF15H	1-1/2"	Hard	Rawhide, plastic, micarta	Black
SF15XH	1-1/2"	Extra hard	Micarta, fibre, copper	Yellow
SF20S	2"	Soft	Soft rubber, wood	Brown
SF20M	2"	Medium	Rubber, wood, rawhide	Red
SF20T	2"	Tough	Rawhide, hardwood, plastic	Green
SF20MH	2"	Medium hard	Rawhide, hardwood, lead	Cream
SF20H	2"	Hard	Rawhide, plastic, micarta	Black
SF20XH	2"	Extra hard	Micarta, fibre, copper	Yellow
SF25M	2-1/2"	Medium	Rubber, wood, rawhide	Red
SF25T	2-1/2"	Tough	Rawhide, hardwood, plastic	Green
SF25H	2-1/2"	Hard	Rawhide, plastic, micarta	Black
SF25XH	2-1/2"	Extra hard	Micarta, fibre, copper	Yellow
SF30H	3"	Hard	Rawhide, plastic, micarta	Black



Heavy Duty Hammers

SLEDGE HAMMERS - DOUBLE FACED

•Designed for striking metal, concrete, and stone. Extra strong fibreglass handle with a cushion grip that takes out the sting and shock from hard blows.

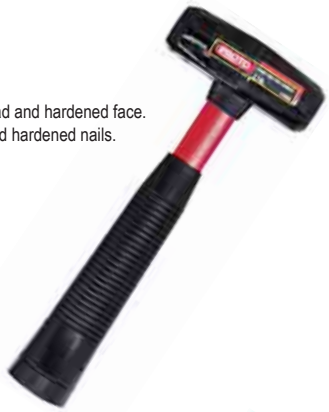
PART NO.	HEAD WEIGHT	LENGTH
1433G	2.5 lbs.	14"
1434G	3 lbs.	14"
1435G	4 lbs.	14"
1436G*	6 lbs.	32"
1437G*	8 lbs.	32"
1438G*	10 lbs.	32"
1439G*	12 lbs.	32"

*Smooth grip

HAND DRILLING HAMMERS

•With a well balanced, drop forged steel head and hardened face. For use with chisels, punches, star drills, and hardened nails. Fibreglass handle.

PART NO.	HEAD WEIGHT	LENGTH
1442G	2 lbs.	10"
1443G	3 lbs.	10"
1444G	4 lbs.	10"



DEAD BLOW HAMMERS

•Engineered to provide maximum safety for non-sparking applications near combustible materials. Fibreglass handle.

PART NO.	HEAD WEIGHT	LENGTH
1429DB	1 lb.	12"
1430DB	2 lbs.	12-3/4"
1432DB	3 lbs.	14"
1431DB	4 lbs.	14-3/8"

BRASS HAMMERS

•Non-marring soft brass heads to absorb blow impact and reduce or eliminate work damage. Non-sparking. Fibreglass handle.

PART NO.	HEAD WEIGHT	LENGTH
1430G*	1.5 lbs.	12"
1432G	2.6 lbs.	12"
1431G	3.8 lbs.	12"

*Smooth grip

CROSS PEIN HAMMERS

•For use with unhardened metals. Pein is designed for shaping and bending metals. Extra strong fibreglass handles with non-slip cushion grips.

PART NO.	HEAD WEIGHT	LENGTH
1440G	2.5 lbs.	14"
1441G	4 lbs.	14"

STANLEY PROTO®

EXTRA HEAVY SERVICE FULL LENGTH SCREW C-CLAMP

PART NO.	CAPACITY
2-HDL	0" - 2-3/8"
3-HDL	0" - 3-5/16"
4-HDL	0" - 4-5/8"
5-HDL	0" - 5-3/8"
8-HDL	0" - 8-1/4"
12-HDL	0" - 12-1/2"

STANDARD SERVICE DEEP THROAT FULL LENGTH SCREW C-CLAMP

PART NO.	CAPACITY
402	0" - 2"
403	0" - 3"
404	0" - 4"
406	0" - 6"
408	0" - 8"
410	0" - 10"
412	0" - 12"

HEAVY SERVICE STANDARD SCREW C-CLAMP

PART NO.	CAPACITY
102GS	0" - 2"
103GS	0" - 3"
104GS	0" - 4-1/8"
106GS	2" - 6"
108GS	4" - 8"
110GS	6" - 10"
112GS	8" - 12"
115GS	10" - 15"

STANDARD SERVICE EXTRA DEEP THROAT SPATTER RESISTANT FULL LENGTH SCREW C-CLAMP

PART NO.	CAPACITY
424S	0" - 4"
426S	0" - 6"
428S	0" - 8"

STANLEY PROTO

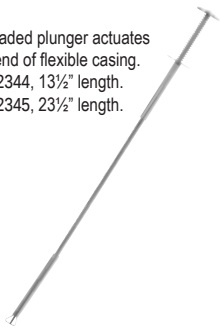
Miscellaneous Specialty Tools

INSPECTION MIRRORS

•Versatile all-angle ball joint.
Part No. 2370, 7/8" dia. circular, 7½" length.
Part No. 2371, 1" x 2" oval, 8¾" length.
Part No. 2372, 2¼" dia. circular, telescopic 10" to 14" length.
Part No. 2373, 2⅛" x 3½" rectangular, telescopic 11¼" to 15⅛" length.
Part No. 2374, 1¼" dia. circular, 8" length.

FLEXIBLE RETRIEVING & HOLDING TOOLS

•Spring loaded plunger actuates \ jaws at end of flexible casing.
Part No. 2344, 13½" length.
Part No. 2345, 23½" length.



FLEXIBLE MAGNETIC RETRIEVING TOOL

•Push button allows reaching an object before energizing the magnet. #2377 lifts over 1.5 lbs.; #2378 lifts over 3 lbs.
Part No. 2377, 19½" length.
Part No. 2378, 24½"length.

POCKET MAGNETIC RETRIEVING TOOL

•All angle ball joint. 8½" length.
Part No. 2376.

TELESCOPIC MAGNETIC RETRIEVING TOOL

•Versatile telescoping handle and all angle ball joint. 16¾" - 26¾".
Part No. 2375.

GASKET SCRAPER

•Ideal for removing gaskets and carbon. Comfortable, four sided handle. Blade width 1½". Overall length 12".
Part No. 2336.

GASKET & CARBON SCRAPER

•Narrow, angled blade for access into tight areas. Blade width 1-1/16". Overall length 11".
Part No. 2338.

FLEXIBLE CARBON SCRAPER

•Excellent for removing carbon from contoured or flat surfaces. Flexibility of ten individual spring steel blades is regulated with sliding steel band. Blade width 7/8". Overall length 9".
Part No. 2337.

PISTON RING COMPRESSOR

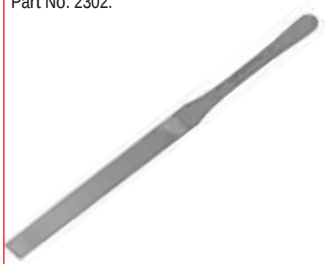
•Wide 3½" band has ratchet mechanism to prevent breakage and slippage. Includes ell handle. Diameter range 2⅛" to 5".
Part No. 2316.

COTTER PIN PULLER

•Precision formed curves provide excellent leverage in prying out cotter pins quickly and easily. Large plastic handle. 7¾" blade.
Part No. 2306.

IGNITION POINT FILE

•Tungsten file for spark plugs, distributors, and other electrical contact points. Has chisel tip and smooth extended grip. Blade length 5¼".
Part No. 2302.



COMPRESSION GAUGE, PSI & METRIC

•Flexible hose and quick disconnect coupler permit fast, easy engagement of threaded fitting into spark plug hole. Dual reading scale; 0 to 300 psi and 0 to 20 kg/cm2. Includes adapters for regular 18 mm spark plugs and for regular and long 14 mm spark plugs.
Part No. CTR10.

PROTO

Feeler Gauges

FEELER GAUGE SETS

PART NO.	DESCRIPTION
000AA	25 Blade Master Feeler Gauge Set Includes: All short blade sizes .0015" through .040" except .019". All blades are etched with both decimal and metric sizes.
000A	9 Blade Standard Feeler Gauge Set Includes: Nine short blades in sizes .003", .004", .005", .006", .008", .010", .012", .015", .018". Blades etched with both decimal and metric sizes.
000SL	12 Blade Long Feeler Gauge Set Blades 1/2" wide by 12" long in steel holder. Includes sizes: .0015", .002", .003", .004", .005", .006", .008", .010", .012", .014", .015", .020". Blades etched with both decimal size and metric equivalent.
000N	22 Blade Step Cut Feeler Gauge Set "Go and no-go" blades 1/2" wide by 3-5/16" long in holder. Each blade has two different thicknesses. Sizes: .004/.006", .005/.007", .006/.008", .007/.009", .008/.010", .009/.011", .010/.012", .011/.013", .012/.014", .013/.015", .014/.016", .015/.017", .016/.018", .017/.019", .018/.020", .019/.021", .020/.022", .021/.023", .022/.024", .023/.025", .024/.026", .025/.027". Blades are etched with both decimal size and metric equivalent.
000D	10 Blade Ignition Feeler Gauge Set Blades 1/4" wide by 1-3/4" long in holder. Includes sizes .013", .015", .017", .018", .020", .025", .030", .032", .035", .040". Blades are etched with both decimal size and metric equivalent.
000M	11 Blade Bent Feeler Gauge Set Blades 1/2" wide by 4-3/16" long in sizes .006", .008", .010", .011", .012", .013", .014", .015", .018", .019", .020". Blades marked with both decimal size and metric equivalent.
000R	16 Blade Overhead Valve Feeler Gauge Set 1/2" wide bent gauges for setting overhead valves. Sizes: .009", .010", .011", .014", .015", .016", .017", .018", .019", .020", .021", .023", .024", .025", .026", .027". Each blade is etched with both the decimal size and metric equivalent.
000TL	25 Blade Long Feeler Gauge Set 1/2" wide by12" long blades in steel blade holder. Sizes: .0015", .002", .003", .004", .005", .006", .008", .009", .010", .011", .012", .014", .014", .015", .016", .017", .018", .019", .020", .021", .025", .027", .030", .040". Each blade is etched with both the decimal size and metric equivalent.
00MM25	25 Blade Metric Feeler Gauge Set 1/2" x 3-5/16" metric blades in steel holder in thicknesses: 0.04 mm, 0.05 mm, 0.06 mm, 0.07 mm, 0.08 mm, 0.09 mm, 0.10 mm, 0.15 mm, 0.20 mm, 0.25 mm, 0.30 mm, 0.35 mm, 0.40 mm, 0.45 mm, 0.50 mm, 0.55 mm, 0.60 mm, 0.65 mm, 0.70 mm, 0.75 mm, 0.80 mm, 0.85 mm, 0.90 mm, 0.95mm, 1.00 mm.
00MM15	15 Blade Metric Feeler Gauge Set Steel blade holder contains one each of the following 1/2" x 3-5/16" blades: 0.06 mm, 0.07mm, 0.08 mm, 0.10 mm, 0.15 mm, 0.20 mm, 0.25 mm, 0.30 mm, 0.35 mm, 0.40 mm, 0.45 mm, 0.50 mm, 0.55 mm, 0.60 mm, 0.70 mm.

FEELER GAUGE LONG BLADES

•Each blade is etched with both the decimal size and the closest metric equivalent. Blades measure 1/2" wide x 12" long.

PART NO.	BLADE THICKNESS
0015L	.0015"
002L	.002"
003L	.003"
004L	.004"

STANLEY PROTO®

STANLEY TOOLS

Cutting Tools

INTERLOCK™ UTILITY KNIFE

•Three position retractable blade •5-5/8" length •Interlocking design prevents nose spread •Die-cast zinc handle with diagonal ribs for non-slip grip •Recommended for heavy duty cutting applications •Furnished with 3 each 11-921 heavy duty blades •Blade storage in handle.
Part No. 10-079.

99® UTILITY KNIFE

•Three position retractable blade •Die-cast handle •Furnished with 3 each 11-921 heavy duty blades •Blade storage in handle.
Part No. 10-099.

CONTRACTOR GRADE™ DYNAGRIP™ UTILITY KNIFE

•Interlock® retractable knife •Molded rubber side panels •5-5/8" length •Resists slipping.
Part No. 10-779.

CONTRACTOR GRADE™ SWIVEL-LOCK UTILITY KNIFE

•Three position retractable blade •Swivel body opens for quick and easy blade change (no screwdriver needed) •7" length •Durable die-cast aluminum body •Furnished with 3 each 11-921 heavy duty blades •Blade storage in handle.
Part No. 10-989.

CONTRACTOR GRADE™ 199® UTILITY KNIFE

•Fixed blade •5-1/2" length •Overlap nose design prevents nose spread •Heavy duty die-cast aluminum handle •Furnished with 3 each 11-921 heavy duty blades •Blade storage in handle.
Part No. 10-209.

INTERLOCK 299® UTILITY KNIFE

•Fixed blade •5-1/2" length •Durable die-cast handle •Furnished with 3 each 11-911 heavy duty blades •Blade storage in handle.
Part No. 10-299.

STANLEY®

QUICK CHANGE UTILITY KNIFE

•Three position front loading retractable blade •String cutting feature in body — blade does not have to be exposed •6" length •Durable die-cast aluminum body.
Part No. 10-499.

SAFETY UTILITY KNIFE

•Spring loaded blade retracts into knife automatically when pressure on slide button is released •Knife can't be left around or put in a pocket with the blade exposed •Safety-orange colour for high visibility •Blade storage in handle.
Part No. 10-189C.

FATMAX® SWIVEL-LOCK® FIXED BLADE UTILITY KNIFE

•Swivels open for quick blade change - no tools required. Strong and durable construction with cast metal core •Bi-material soft panels for better grip •Curved handle design for comfort control and balance •Thumb dial locks blade in place •Magnet in nose holds blade while changing blade •Secure blade storage in handle •Fits most utility knife holsters
Part No. 10-799.

11-987

11-921B

REPLACEMENT KNIFE BLADES

PART NO.	PACKAGE/DESCRIPTION	BLADE THICKNESS	BLADE LENGTH
11-911	5 pack card, utility knife blade	.017"	2"
11-921	5 pack card, utility knife blade	.025"	2-7/16"
11-911A	100 pack dispenser, utility knife blades	.017"	2"
11-921A	100 pack dispenser, utility knife blades	.025"	2-7/16"
11-931A	Bulk (100) utility knife blades	.035"	2-7/16"
11-921B	Bulk (400) utility knife blades	.025"	2-7/16"
11-983	5 pack large hook blades	.025"	2-7/16"
11-984	100 bulk pack large hook blades	.025"	2-7/16"
11-987	5 pack round point utility knife blades	.025"	1-7/8"
11-988	100 pack dispenser round point utility knife blades	.025"	1-7/8"

INSTANT CHANGE™ UTILITY KNIFE

•Push button, quick blade change - no tools required •Strong and durable construction with a cast metal core and bi-material soft panels for better grip •Curved handle design for comfort control and balance •Swing out blade storage for easy blade access •Integrated string cutting feature •Large hang hole •Retractable slide
Part No. 10-788.

BLADE DISPOSAL SYSTEM

•High impact puncture resistant container. Lid locks tightly for safety.
Part No. 11-081.

STANLEY®

Finishing Tools

BAILEY® BENCH PLANES

•Grey cast iron base with side and bottom precision ground •Hardened, tempered, and precision ground tool steel cutter for cutting edge durability •Precise shaving control provided by exact depth and lateral cutter •Solid brass cutter adjustment •Contoured and polished high impact polymer handles and knobs
Part No. 12-904, 4® Smooth Plane, 9¾" length; 2" cutter width.
Part No. 12-905, 5® Jack Plane, 14" length; 2" cutter width.

BAILEY® BLOCK PLANES

•Grey cast iron base with side and bottom precision ground •Hardened, tempered, and precision ground tool steel cutter for cutting edge durability •Precise shaving control provided by exact depth and lateral cutter •Solid brass cutter adjustment
Part No. 12-920, Block Plane. 6¼" length; 1-5/8" cutter width.
Part No. 12-960, Low Angle Block Plane. 6" length; 1-3/8" cutter width.

BENCH PLANES

•Grey cast iron base with side and bottom machined smooth and true •Durable epoxy coating for long lasting protection •Hardened and tempered tool steel cutter for cutting edge durability •Cutter is fully adjustable for depth of cut and alignment •Quick release cam-lock for easy blade removal •Contoured polymer handles and knobs
Part No. 12-203, 3® Smooth Plane, 9¼" length; 1¾" cutter width.
Part No. 12-204, 4® Smooth Plane, 9¾" length; 2" cutter width.
Part No. 12-205, 5® Jack Plane, 14" length; 2" cutter width.

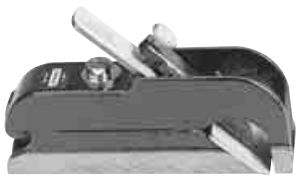
BLOCK PLANES

•Grey cast iron base with side and bottom machined smooth and true •Durable epoxy coating for long lasting protection •Hardened and tempered tool steel cutter for cutting edge durability •Cutter is fully adjustable for depth of cut and alignment •Cutter rests at a 21° angle, ideal for cross grain planing •Contoured polymer handles and knobs
Part No. 12-220, 7" length; 1-5/8" cutter width.

Finishing Tools

ADJUSTABLE BULLNOSE RABBET PLANE

•Grey cast iron body machined on base and sides •Ideal lightweight tool for trimming rebates •Adjustable mouth for course or fine work •Designed with the cutter at front of plane for close work into corners
Part No. 12-975, 4" length; 1-1/8" cutter width.



BULLNOSE RABBET PLANE

•One piece cast iron body and handle •All working surfaces are accurately machined for precise results •The plane has two cutter positions: the rear position for regular work and the forward position for bullnose work •The rear cutter has precise depth adjustment •This plane is fitted with a spur for work across wood grain, a removable depth gauge, and adjustable fence that can be fitted on either side of the plane
Part No. 12-978, 10" length; 1½" cutter width.

SURFORM® SHAVER™ TOOL

•7¼" O/A length •Compact and effective light-weight polypropylene molded body •Curved blade for increased stock removal •The blade also has side cut teeth for shaving in corners •Works on the pull stroke •Clip-on type blade
Part No. 21-115.

SURFORM® FLAT FILE

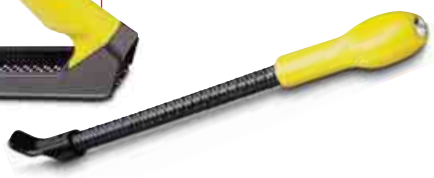
•17-3/8" O/A length x 1-5/8" width •Superb tool for use as a rasp on wood, plastic, soft metals and many other materials •Manufactured with a metallic grey, die-cast alloy body •Handle made of high impact polymer •Fitted with a replaceable 10" blade
Part No. 21-295.

SURFORM® PLANE

•12½" O/A length x 1-5/8" width •Resilient enough for use on materials that would dull a traditional bench plane •Manufactured with a metallic grey, die-cast alloy body •Handle made of high impact polymer •Fitted with a replaceable 10" blade
Part No. 21-296.

SURFORM® ROUND FILE

•15¾" O/A length •Especially useful for enlarging holes and smoothing curved surfaces •Ideal for pipe installations in MDF, chipboard, drywall or laminates •The front grip can be re-moved when used in small holes •Hign impact polymer handle and thumb support •Fitted with a replaceable 10" round blade
Part No. 21-297.



SURFORM® POCKET PLANE

•6" O/A length x 1-5/8" width •Useful, one handed tool •Ideal for end-grain work, sheetrocking and smoothing edges of laminates •Manufactured with a metallic grey, die-casting alloy body •Includes screw blade tension for quick blade replacement •Fitted with a replaceable 5½" fine cut blade
Part No. 21-399.

BLADES FOR SURFORM® TOOLS

PART NO.	LENGTH	FITS TOOL(S)	SHAPE	TYPE OF CUT	APPLICATIONS
21-398	5-1/2"	21-399	Flat	Fine cut	Use on hardwoods, end grain, plywood, chipboard, plaster
21-299	10"	21-295, 21-296	Half round	Regular cut	Use on woods, vinyl, plaster, linoleum, autobody fillers, soft metals
21-291	10"	21-297	Round	Regular cut	Use on woods, vinyl, plaster, linoleum, autobody fillers, soft metals
21-515	Shaver	21-115	Flat	Regular cut	Use on woods, vinyl, plaster, linoleum, autobody fillers, soft metals

Cutting Tools

SHARPTOOTH™ SAW

•26" blade length •Aggressive 3 sided tooth design cuts wood 50% faster than conventional handsaws •Induction hardened teeth stay sharp 3 to 5 times longer than standard teeth •Hardwood handle has large opening for hand for comfort when wearing gloves •Also ideal for cutting plastic pipe
Part No. 20-065, 12 points/inch.

SHARPTOOTH™ TOOL BOX SAW

•15" blade length •Aggressive 3 sided tooth design cuts wood 50% faster than conventional handsaws •Induction hardened teeth stay sharp 3 to 5 times longer than standard teeth •han-dle design allows for the back of the saw to be used for marking 45° and 90° angles •Total length of 18" fits conveniently in most tool boxes •Also ideal for cutting plastic pipe
Part No. 15-085, 9 points/inch.
Part No. 15-086, 12 points/inch.

SHARPTOOTH™ HANDSAW

•Aggressive 3 sided tooth design cuts wood 50% faster than conventional handsaws •Teeth can be resharpened •Select hardwood handle provides great comfort and control
Part No. 15-334, 15" blade length, 9 points/inch.
Part No. 15-335, 20" blade length, 9 points/inch.

GENERAL PURPOSE PANEL SAW
•20" blade length •Handle offers a square/mitre feature with 45° and 90° angles •Contoured sturdy handle designed for comfort and control •Full length protective sleeve
Part No. 15-775, 8 points/inch.

SHARPTOOTH™ DRYWALL SAW
•15" blade length •Aggressive 3 sided tooth design makes fast, smooth cuts in drywall •Induction hardened teeth hold up against abrasive drywall materials •Hardwood handle for durability and comfort
Part No. 15-025, 9 points/inch.

HARDTOOTH™ COMPASS SAW
•12" blade length •High grade tempered steel blade and induction hardened teeth •Teeth are precision set and sharpened for fast and smooth cutting •Hardwood handle for durability
Part No. 15-100, 8 points/inch.

COMPASS SAW
•12" blade length •For cutting out curved shapes in wood, plasterboard or plywood •High grade tempered steel blades •Teeth precision set and sharpened for fast and smooth cutting
Part No. 15-212, 8 points/inch.

WALLBOARD SAW
•6" blade length •Designed especially for plasterboard •Make cut-outs for electric outlets, etc. •Point sharpened for plunge cuts.
Part No. 15-206.

HIGH TENSION HACKSAW
•3-7/8" depth of throat, 12" blade length •Rugged design for heavy duty use •Quick release blade changing mechanism in handle, maintains tension setting •Complete with bi-metal 12" blade, 24 teeth/inch.
Part No. 15-113.

DOVETAIL SAW
•10" blade length •Cuts a true, smooth, and narrow kerf •Comfortably designed hardwood handle for positive grip •for fine cutting •Blade guard included
Part No. 15-022, 15 points/inch.

SHARPTOOTH™ BACK SAW
•14" blade length, 3-5/16" width under back •Aggressive 3 sided tooth design cuts wood 50% faster than conventional handsaws •Induction hardened teeth stay sharp 3 to 5 times longer than standard teeth •Hardwood handle for durability •Ideal for cutting plastic pipe.
Part No. 15-673, 12 points/inch.

COPING SAWS
•6-3/8" length •Walnut stained hardwood handle and high carbon steel blade — hardened and tempered.
4-3/4" depth frame
Part No. 15-104.
Part No. 15-104A, Carded with 3 extra blades.

6-3/4" depth frame
Part No. 15-106.
Part No. 15-106A, Carded with 3 extra blades.

COPING SAWS BLADES
•Card of 4 coping saw blades, 6-1/2" length, 15 teeth per inch
Part No. 15-061.

REFINISHING HAND SCRAPER
•5" length; 3" cutter width •Blade thickness .037".
Part No. 28-035.

CABINET SCRAPER
•11-1/2" length; 2-3/4" cutter width •Raised handles protect the user's hands •Fitted with a high quality double bevelled edge blade.
Part No. 12-080.

STANLEY®

Measuring Tools – Tape Rules

FATMAX® TAPE RULES —1¼" WIDE BLADE —REINFORCED WITH BLADE ARMOUR™ COATING

•Blade Armor coating is a patented industrial thermoplastic coating. It's on the first 6" of the FatMax for maximum durability and reduced blade breakage •1¼" wide blade with 11' of standout •Mylar polyester film coating extends blade life •Top forward blade lock makes it easier to lock and unlock the blade •Exclusive cushion grip built into the case for a comfortable slip-resistant grip and impact resistance •High impact, yellow ABS case with rubber over-mold •With 16" and 19.2" stud markings.
Part No. 33-735, 35 ft. English units.
Part No. 33-730, 30 ft. English units.
Part No. 33-726, 8 m/ 26 ft. English/Metric: cm units.
Part No. 33-725, 25 ft. English units.
Part No. 33-716, 16 ft. English units.

MAXSTEEL® TAPE RULE W/ MAXIMUM STEEL—1" BLADE

•9' stand-out "selective cross curve" technology •Heavier and stronger spring for extra long life and "smooth as silk" blade recoil •Three rivet, corrosion resistant hook moves to allow for accurate inside/outside measurements •Easy to read in all light condition blade •High impact, yellow ABS case with rubber over-mold •Mylar polyester film coating extends blade life •With 16" and 19.2" stud markings.
Part No. 33-599, 25 ft. English units.

LEVERLOCK® TAPE RULE — 1" BLADE WITH BLADE LOCK OVERRIDE

•Yellow ABS case with belt clip •Power return tape rule with automatic bottom lock •"Tru-Zero" hook for use as pivot to draw circles and arcs •Polymer coated blade and heat-treated spring for longer life •Three rivet corrosion resistant hook •With 16" and 19.2" stud markings.
Part No. 30-825, 25 ft. English units.

POWERLOCK® TAPE RULE — 1/2" & 3/4" BLADES

•Metallic ABS case with belt clip •Positive lock with no creeping •Life Guard® yellow blade, protected with Mylar •"Tru-Zero" hook design •With 16" and 19.2" stud markings.
1/2" BLADES
Part No. 33-272, 12 ft., English English/Decimal scale and has no stud markings.
Part No. 33-212, 12 ft. English units.

3/4" BLADES
Part No. 33-116, 16 ft. English units.
Part No. 33-158, 5 metre/16 ft. English/metric:cm and has no stud markings.

POWERLOCK® TAPE RULE — 1" BLADE

•Metallic ABS case with belt clip •7' standout •Top forward blade lock design makes it easier to lock and unlock blade •Mylar polyester film coating extends blade life •Three rivet, corrosion resistant hook moves to allow for accurate inside/out-side measurements •Three rivet corrosion resistant hook •With 16" and 19.2" stud markings.
Part No. 33-425, 25 ft. English units.
Part No. 33-428, 8 metre/26 ft. English/metric:cm and has 16" stud markings only.
Part No. 33-430, 30 ft. English.

POWERLOCK® TAPE RULE — 1/4" BLADE

•Back of blade provides diameter scale that measures up to 3' diameters •Heat-treated spring stands up to regular use •Polymer-coated blade withstands abrasion for long life •Slim, case fits perfectly in a pocket •Special Tru-Zero hook does double duty as a pivot for drawing circles and arcs
Part No. 33-115, 10 ft. English units.

STANLEY®

Layout Tools – Levels & Squares

BRASS BOUND HARDWOOD MASON'S LEVEL

•48" length, 6 vials •Solid straight grain wood with open hand holes and hang hole •6 accurate acrylic bent vials (two double plumb and one double level) •Individualized serial number for traceability.
Part No. 42-347.

I-BEAM LEVELS

•Durable heavy duty aluminum I-beam construction for rigidity and accuracy •Level accuracy of 0.001 in/in •Top read center vial for easy readability •360° vials are set directly into frame, never need adjustment •Large, clear acrylic vial covers for easy readability •Yellow powder body with highly visible accents to easily find level on worksite •Pipe groove for use on rounded surfaces •Shock absorbing end caps for durability •Magnetic versions available with silver anodized finish •Full length magnetic strip (Magnetic versions only) •Hang hole for easy storage

Part No. 42-240, 3 vials, 24" length.
Part No. 42-244, 3 vials, 24" length, magnetic.
Part No. 42-480, 3 vials, 48" length.
Part No. 42-486, 3 vials, 48" length, magnetic.

FATMAX® XTREME™ MAGNETIC TORPEDO LEVEL

•Die-cast aluminum body •Solid block vial provides accuracy of 0.0005 in/in. •180° rotating vial to duplicate angles •Magnified center vial for improved visibility •Pipe groove for use on rounded surfaces •Rare earth magnets for ultimate holding power.

Part No. 43-609.

TORPEDO LEVELS

•9" top reading torpedo level •Tough, shock resistant ABS plastic material •3 "360®" vials (level/plumb/45°).

Part No. 42-191.
Part No. 42-264, with magnetic base.

ALUMINUM LINE LEVEL

•Special hooks hold to line and allows level to slide freely for easy positioning •1 yellow "360®" vial •Bottom flat for surface levelling •3-3/32" length.

Part No. 42-287, lightweight aluminum case.

CAST ALUMINUM TORPEDO LEVEL

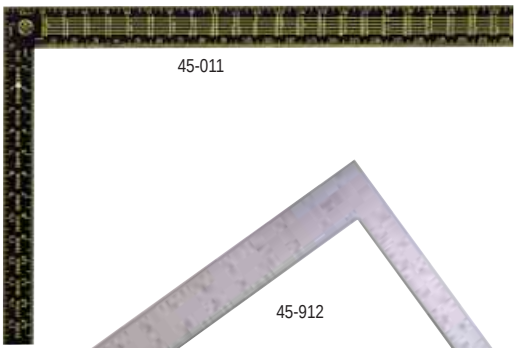
•9" torpedo level •Durable, heavy duty cast aluminum frame with large top read vial window •3 tinted 360° vials (level/plumb/45°) •Grooved for use on shafts, pipes, etc. •Powerful magnetic base.

Part No. 42-465.

HIGH IMPACT TORPEDO LEVELS

•9" top reading torpedo level •High impact polystyrene body •(3) 360° vials (level/plumb/45°).

Part No. 42-294.



45-011

45-912

46-209

PREMIUM ALUMINUM RAFTER SQUARE

•Body 24" x 2"; tongue: 16" x 1-1/2" •Rafter tables •Aluminum with black finish •1/16 - 1/8" face graduations, 1/6-1/10-1/12" back graduations.

Part No. 45-011.

STEEL RAFTER/ROOFING SQUARE

•Body 24" x 2"; tongue: 16" x 1-1/2" •Markings include Essex board measure, octagon scale, brace scale, and rafter table •High quality hardened steel• Buffed finish with a clear lacquer that resits rust •1/16", 1/8" graduations on face, 1/6-1/10-1/12" back graduations.

Part No. 45-910.

ALUMINUM CARPENTER'S SQUARE

•Body 24" x 2"; tongue: 16" x 1-1/2" •With a variety of tables and formulas specially for the carpenter •45°, 60°, 30° angle markings •1/8" graduations face and back.

Part No. 45-300.

STEEL CARPENTER'S SQUARES

•High quality hardened steel for durability and long life •Embossed graduations for easy reading on face and back •Steel with buffed finish •With reverse reading scale; lacquered finish.

Part No. 45-500, body 24" x 2"; tongue: 16" x 1½", 1/8" graduations face and back.
Part No. 45-912, body 12" x 1½"; tongue: 8" x 1", 1/16" graduations face and back.

METRIC/ENGLISH CARPENTER SQUARE

•Body 610 mm x 51 mm; tongue: 406 mm x 38 mm •2 mm face graduations, 1/8" back graduations •Steel with buffed finish •With reverse reading scale; lacquered finish.

Part No. 45-600.

METRIC CARPENTER SQUARE

•Body 610 mm x 51 mm; tongue: 406 mm x 38 mm •2 mm face and back graduations •Steel with buffed finish •With reverse reading scale; lacquered finish.

Part No. 45-530.

CONTRACTOR GRADE™ HARDWOOD TRY SQUARE

•Hardwood handle and brass face plates •1/8" graduations and numbers are filled with yellow colour •8" blade length, 1-1/2" blade width, 5-3/8" handle.

Part No. 46-209.

Layout Tools

COMBINATION SQUARES
Durable etched, hard chrome plated blades are rust resistant for blade longevity •12" square has precision machined working surfaces •Scriber for easy surface marking •Easy to read vial •High visibility yellow, die cast handle with brass hardware
Part No. 46-323, 7" O/A length.
Part No. 46-028, 12" O/A length, English/Metric.
Part No. 46-123, 12" O/A length.
Part No. 46-131, 16" O/A length.

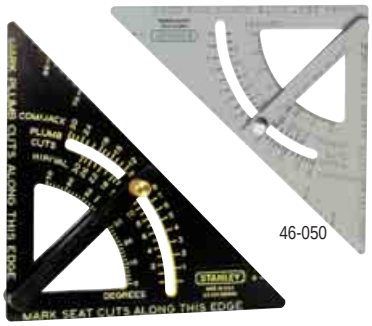
COMBINATION SQUARE
Embossed hard chrome blade coated to resist rust •Scriber for easy surface marking •Easy to read vial •Black die cast metal handle
Part No. 46-222, 12" O/A length, English.

PLASTIC HANDLE COMBINATION SQUARE
Embossed hard chrome blade coated to resit rust •Scriber for easy surface marking •Easy to read vial •Plastic handle
Part No. 46-012, 12" O/A length, English.

STAIR GAUGES
•Card of 2 solid brass stair gauges •Easily attach to all carpenter squares for fast layout of stair treads.
Part No. 45-711.

PREMIUM ADJUSTABLE QUICK SQUARE® LAYOUT TOOL
•Heavy duty aluminum construction for durability •Multi-use layout tool can lock in angles for accuracy as a protractor, rafter measurement, and as a circular saw guide •10-3/4" base length; 6-3/4" rule length •Black powder coated body with yellow filled graduations.
Part No. 46-053.

ADJUSTABLE QUICK SQUARE® LAYOUT TOOLS
•Aluminum construction for durability •Multi-use layout tool can lock in angles for accuracy as a protractor, rafter measurement, and as a circular saw guide •Buffed finish.
Part No. 46-050, 10-3/4" base length, 6" rule length.
Part No. 46-052, 16-1/4" base length, 10" rule length.



46-050
46-053

SOLID HARDWOOD T-BEVEL
•Hardwood handle with recessed grip area and secondary locking device •8" blade length; 5-1/2" handle length.
Part No. 46-813.

T-BEVEL
•Tough plastic handle with handy grip •Steel blade and blade locking device •8" blade length; 5-1/2" handle length.
Part No. 46-825.

MAGNETIC STUD FINDER
•For locating wall studs easily •Base of the stud finder is grooved for marking once studs are located •1-3/8" x 1-3/8" x 1-1/4".
Part No. 47-400.

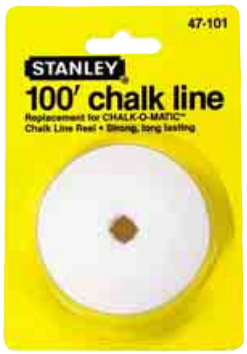
MARKING GAUGE
•Made of tough impact resistant styrene with metal face plate for long wear •One side graduated in 16ths and reverse side in 2 mm graduations •8-7/16" overall length.
Part No. 47-064.

POWERWINDER™ CHALK BOX
•ChalkView™ case lets you see amount of chalk inside the case •Rewinds 3½ x's faster - has a 3.5:1 gear ratio •Crank clutch - crank handle will spin when pulling out string •Stainless steel crank handle and hook •On board hook storage •100 ft. of high strength string
Part No. 47-460.

CHALK BOX
•High impact ABS case •On board storage hook •Stainless steel hook •Sliding door for easy filling •Folding crank handle stores neatly into case •100 ft. reel.
Part No. 47-440.

DIE CAST CHALK LINE
•Durable, heavy duty die cast body •Rubber sealed screw cap minimizes chalk leakage •Long wearing felt gasket hugs line and distributes uniform chalk coating •Stainless steel universal hook •Can be used with plumb bob •100 ft. reel.
Part No. 47-099.

REPLACEMENT CHALK LINE
•High quality replacement line, 100 ft. on reel.
Part No. 47-101.



CHALK REFILLS
•High grade chalk •Packed in plastic canisters for easy pouring.
Part No. 47-403, 4 oz. blue.
Part No. 47-803, 8 oz. blue.

Part No. 47-404, 4 oz. red.
Part No. 47-804, 8 oz. red.

FATMAX® ANTIVIBE® HAMMERS

•One piece double steel head and handle for superior swing and durability •Tuning fork design reduces harmful vibrations •Rubber grip design for both frames and nail hammers •Ergonomically designed for multiple grip positions •Rubber grip molded directly onto shaft •Textured handle grip for improved performance even when wet •Enlarged handle to help reduce gripping fatigue.

PART NO.	DESCRIPTION	WEIGHT	O/A LENGTH
51-943	Nail Hammer Curve Claw	20 oz.	13-15/16"
51-947	Framing Hammer Checkered Face	22 oz.	16"

STEELMASTER™ HAMMERS

•Heat treated, high carbon steel head for greater durability •Rim-tempered face helps reduce chipping •Fully polished and laser marked head attached to a chromed and shot blasted tubular steel shaft •Rubber grip has a textured surface for better grip and comfort •Flared grip end to help prevent the hammer from slipping.

PART NO.	DESCRIPTION	WEIGHT	O/A LENGTH
51-031	Curved Claw	16 oz.	13-1/4"
51-517	Ripping Claw	16 oz.	13-1/4"
51-033	Curved Claw	20 oz.	13-1/4"

JACKETED FIBREGLASS NAIL HAMMERS

•Jacketed design provides superior overstrike protection for long life and safety •Cushion grip handle for comfort •Rim tempered face helps reduce chipping •Fiberglass handle allows for maximum shock absorption •Bright yellow colour.

PART NO.	DESCRIPTION	WEIGHT	O/A LENGTH
51-110	Curved Claw	16 oz.	13-1/4"
51-518	Rip Claw	16 oz.	13-1/4"

JACKETED GRAPHITE BALL PEIN HAMMERS

•Heat treated high carbon steel head ball pein hammer •Cushioned grip and molded jacket to absorb shock •Solid graphite core handle with flared end and secured head.

PART NO.	SIZE	WEIGHT	O/A LENGTH
54-708	3/0	8 oz.	12-1/4"
54-712	2/0	12 oz.	13"
54-716	0	16 oz.	13"
54-724	2	24 oz.	15"
54-732	4	32 oz.	15"

BALL PEIN HAMMERS

•High carbon steel forged head, hardened and tempered •Clear lacquered hickory handle •Polished face, poll and pein.

PART NO.	SIZE	WEIGHT	O/A LENGTH
54-004	5/0	4 oz.	10-7/8"
54-008	3/0	8 oz.	12-1/4"
54-012	2/0	12 oz.	13"
54-016	0	16 oz.	14"
54-024	2	24 oz.	15"
54-032	4	32 oz.	16"
54-040	6	40 oz.	16"

JACKETED FIBREGLASS BLACKSMITH'S HAMMERS

•New England pattern head •Forged steel head is hardened and tempered •Faces are ground and polished •Yellow jacketed fibreglass handles provide greater visibility, strength, and durability.

PART NO.	SIZE/LBS.	HEAD LENGTH	FACE DIAMETER	O/A LENGTH
56-218	2-1/2	5"	1-23/32"	13-3/8"
56-220	4	5-1/8"	1-29/32"	13-3/8"

SOFT FACE HAMMERS

•Replaceable tips are made of tough plastic that won't mar finely finished surfaces •Hickory lacquered handle.

PART NO.	HEAD WEIGHT	HANDLE LENGTH
57-594	8 oz.	12"
57-595	16 oz.	13-1/2"

RUBBER MALLET

•Tough rubber head molded to a lacquered handle.

PART NO.	HEAD WEIGHT	O/A LENGTH
57-522	18 oz.	13-3/4"

HAND DRILLING HAMMER

•Forged steel head is hardened and tempered •Faces are polished •Hickory clear lacquered handle.

PART NO.	SIZE/LBS.	HEAD LENGTH	FACE DIAMETER	HANDLE LENGTH
56-703	3	4-3/8"	1-9/16"	10-1/4"

BRICKLAYER'S WOOD HANDLE HAMMERS

•Forged steel heat treated head with clear lacquered hickory handle 24 oz., 11" length.
Part No. 54-435.

STANLEY®

Striking & Struck Tools

JACKETED FIBREGLASS ENGINEER HAMMERS

•Forged steel head is hardened and tempered •Yellow jacketed fibreglass handles provide greater visiblity, strength, and durability.

PART NO.	SIZE/LBS.	HEAD LENGTH	FACE DIAMETER	O/A LENGTH
56-202	2-1/2	4"	1-3/4"	13-5/8"
56-204	4	4-15/16"	1-15/16"	13-5/8"

HICKORY HANDLE ENGINEER HAMMERS

•Forged steel head is hardened and tempered •Clear lacquered hickory handle.

PART NO.	SIZE/LBS.	HEAD LENGTH	FACE DIAMETER	O/A LENGTH
56-803	3	5-1/8"	1-5/8"	16"
56-804	4	5-1/4"	1-3/4"	16"

HICKORY HANDLE SLEDGE HAMMERS

•Forged steel head is hardened and tempered •Clear lacquered hickory handle.

PART NO.	SIZE/LBS.	HEAD LENGTH	FACE DIAMETER	O/A LENGTH
56-808	8	6-1/2"	2-1/4"	32"
56-812	12	7-3/4"	2-1/2"	34"
56-816	16	8-1/2"	2-3/4"	34"

COMPO-CAST® BALL PEIN HAMMERS HI-VIS ORANGE

•Dead blow steel face ball pein hammer heads are tempered alloy steel with crowned faces for more accuracy - no bounce back •Steel reinforced handles •Dead blow function uses steel shot.

PART NO.	HAMMER WEIGHT	O/A LENGTH
54-508	8 oz.	10-3/4"
54-516	16 oz.	12-3/4"
54-524	24 oz.	13-1/4"
54-532	32 oz.	14"

COMPO-CAST® STANDARD HEAD SOFT FACE HAMMERS HI-VIS ORANGE

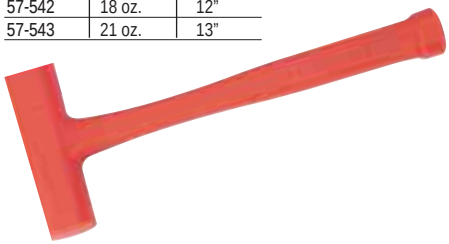
•Non-sparking soft face hammer •Soft face doesn't mar surfaces or equipment •Doesn't absorb liquids •Dead blow function uses steel shot •Steel reinforced handles.

PART NO.	HAMMER WEIGHT	O/A LENGTH
57-530	10 oz.	10-1/8"
57-531	18 oz.	11-1/4"
57-532	21 oz.	12-3/4"
57-533	42 oz.	14"
57-534	52 oz.	16"

COMPO-CAST® SLIMLINE HEAD SOFT FACE HAMMERS HI-VIS ORANGE

•Non-sparking soft face hammer •Soft face doesn't mar surfaces or equipment •Doesn't absorb liquids •Ideal for assembly and repair applications in confined areas •Dead blow function uses steel shot •Steel reinforced handles.

PART NO.	HAMMER WEIGHT	O/A LENGTH
57-540	5 oz.	10"
57-541	14 oz.	10-1/2"
57-542	18 oz.	12"
57-543	21 oz.	13"



COMPO-CAST® SLEDGE HEAD SOFT FACE HAMMERS HI-VIS ORANGE

•Non-sparking soft face hammer •Soft face doesn't mar surfaces or equipment •Urethane covering helps reduce noise pollution •Dead blow function uses steel shot •Steel reinforced handles.

PART NO.	HAMMER WEIGHT	O/A LENGTH
57-550	5 lbs.	19-5/8"
57-551	8 lbs.	29-7/8"
57-552	10.5 lbs.	30"

NAIL CLAW

•Special extracting claw •Heat treated •Beveled nail slot
•Stock size 9/16" •Overall length 10".
Part No. 55-033.

WONDER BAR® PRY BAR

•Forged high carbon steel •Heat treated for extra toughness with polished and beveled cutting edges •Contoured bar is ideal for pulling nails, prying, lifting, scraping •Beveled nail slot both ends •1-3/4" blade width •12-3/8" overall length.
Part No. 55-515.

OFFSET PATTERN RIPPING CHISEL

•Extra wide claw •Stock size 11/16" •Overall length 17"
•Cutting edge.
1-11/16"
Part No. 55-818.

WONDER BAR® II PRY BAR

•Tempered steel with nickel plated finish
•7/8" blade width •7" overall length.
Part No. 55-045.

FORGED HEXAGONAL STEEL RIPPING BAR

•High carbon steel for extra strength •Chisel end beveled
•Claw and chisel end polished, claw slotted.

PART NO.	SIZE
55-118	5/8" x 17"
55-124	3/4" x 23"
55-130	3/4" x 29"
55-136	3/4" x 35"

STANLEY®

STANLEY TOOLS
Striking & Struck Tools

CUSHION GRIP 3 PIECE NAIL SET

•Colour coded by tip size for easy identification •Cushioned grip •Shock absorbing ribbed grip for precision hold •Fully hardened precision milled steel for extra long life •Long beveled tip for easier nail head alignment •Contains: 1/32", 2/32", 3/32".
Part No. 58-930.

CUSHION GRIP NAIL SETS

•Colour coded by tip size for easy identification •Cushioned grip •Shock absorbing ribbed grip for precision hold •Fully hardened precision milled steel for extra long life •Long beveled tip for easier nail head alignment.

PART NO.	TIP SIZE	O/A LENGTH
58-911	1/32"	5"
58-912	2/32"	5"
58-913	3/32"	5"

CENTRE PUNCH

•1/8" tip •5/16" stock size •4" length.
Part No. 58-120.

SCREW HOLE PUNCH

•Self centering on hinges, catches, etc. •Nickel plated •3/8" diameter, 3-1/16" length.
Part No. 58-013.

Fastening Tools

100 PLUS® SCRATCH AWL

•1/4" bar diameter, 3-1/4"length. •Carded.
Part No. 69-006.

WOOD HANDLE SCRATCH AWL

• 3/16" bar dia., 3-3/8" bar length •Carded.
Part No. 69-122,

STANLEY®

GRAY TOOLS
Wrenches

SAE LARGE COMBINATION WRENCHES- 12 Point

•Made in Canada featuring professional industrial quality •Round shank for easy grip and more pulling power •Each wrench is nickel and chrome plated for rust free life •15° offset.

PART NO.	HEX	LENGTH
3182	2-9/16"	31"
3184	2-5/8"	31.5"
3186	2-11/16"	32"
3188	2-3/4"	32.5"
3190	2-13/16"	33"
3192	2-7/8"	33.5"
3194	2-15/16"	34"
3196	3"	34.5"
3198	3-1/16"	35"
3200	3-1/8"	35.5"
3304	3-1/4"	36"
3308	3-3/8"	36.5"
3312	3-1/2"	37"
3316	3-5/8"	37.5"
3320	3-3/4"	38"
3324	3-7/8"	38.5"
3328	4"	39"

SAE OFFSET STRIKING FACE WRENCHES - 12 Point

•Coated with black oxide and waxed for a rust-resistant finish •Forged from high carbon alloy steel for extra heavy duty strength •Offset striking face box wrench 45° offset head.

PART NO.	HEX	LENGTH
66834	1-1/16"	11"
66836	1-1/8"	11"
66840	1-1/4"	11"
66842	1-5/16"	11"
66846	1-7/16"	12-1/2"
66848	1-1/2"	12-1/2"
66852	1-5/8"	12-1/2"
66854	1-11/16"	12-1/2"
66856	1-3/4"	12-1/2"
66858	1-13/16"	12-1/2"
66860	1-7/8"	12-1/2"
66862	1-15/16"	12-1/2"
66864	2"	12-3/4"
66868	2-1/8"	14"
66870	2-3/16"	14"
66872	2-1/4"	14"
66874	2-5/16"	14"
66876	2-3/8"	14"
66880	2-1/2"	14-1/2"
66882	2-9/16"	14-1/2"
66884	2-5/8"	14-1/2"
66888	2-3/4"	16"
66894	2-15/16"	16"
66896	3"	16"
66899	3-1/8"	16"

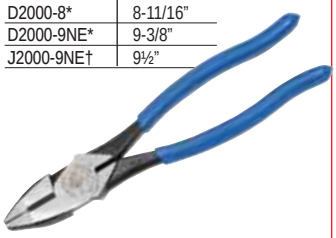
GRAY TOOLS
"the tools of the trade"®

Pliers

HIGH LEVERAGE SIDE CUTTING PLIERS - HEAVY DUTY CUTTING (2000 SERIES)

•New England nose type •Cuts ACSR, screws, nails and most hardened wire •High leverage design — rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs •Streamlined design with sure-gripping, cross-hatched knurled jaws
•Features combination polished and black oxide finish
*denotes plastic dipped handles
†denotes Journeyman handle finish

PART NO.	OVERALL LENGTH
D2000-8*	8-11/16"
D2000-9NE*	9-3/8"
J2000-9NE†	9½"



HIGH LEVERAGE SIDE CUTTING PLIERS

•New England nose type •High leverage design — rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs •Streamlined design with sure-gripping, cross-hatched knurled jaws
•Plastic dipped handles

PART NO.	OVERALL LENGTH
D213-8NE	8-11/16"
D213-9NE	9-3/8"

HIGH LEVERAGE SIDE CUTTING PLIERS — FISH TAPE PULLING

•New England nose type •Quickly and easily pulls 1/8" or ¼" flat steel fish tape without damaging the tape •High leverage design — rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs •Streamlined design with sure-gripping, cross-hatched knurled jaws
•Plastic dipped handles

PART NO.	OVERALL LENGTH
D213-9NETP	9-3/8"

HIGH LEVERAGE SIDE CUTTING PLIERS — LINEMAN'S BOLT-THREAD HOLDING

•New England nose type •Hinge opening holds and cleans 5/8" pole line and hardware bolts or threaded rods •High leverage design — rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs •Streamlined design with sure-gripping, cross-hatched knurled jaws
•Plastic dipped handles

PART NO.	OVERALL LENGTH
D213-9NETH	9-3/8"

HIGH LEVERAGE SIDE CUTTING PLIERS — CONNECTOR CRIMPING

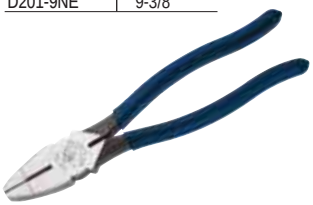
•New England nose type •Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs, and terminals •High leverage design — rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs •Streamlined design with sure-gripping, cross-hatched knurled jaws
•Plastic dipped handles

PART NO.	OVERALL LENGTH
D213-9NECR	9-3/8"

SIDE-CUTTING PLIERS

•New England nose type •Sure-gripping, cross-hatched knurled jaws
•Plastic dipped handles

PART NO.	OVERALL LENGTH
D201-8NE	8-11/16"
D201-9NE	9-3/8"



IRONWORKER'S WORK PLIERS — HIGH LEVERAGE

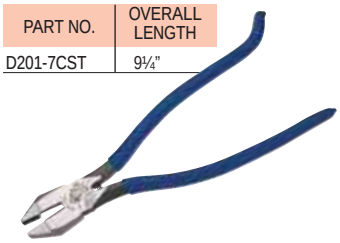
•Square nose type •Twists and cuts soft annealed rebar tie wire •High leverage design — rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs •Hook bend handle •Spring loaded action for self opening •Heavy duty knurled jaws
•Plastic dipped handles

PART NO.	OVERALL LENGTH
D213-9ST	9-3/8"

IRONWORKER'S WORK PLIERS

•Square nose type •Twists and cuts soft annealed rebar tie wire •Hook bend handle •Spring loaded action for self opening •Heavy duty knurled jaws
•Plastic dipped handles

PART NO.	OVERALL LENGTH
D201-7CST	9¼"



HIGH LEVERAGE DIAGONAL CUTTING PLIERS

•High leverage design — rivet is closer to the cutting edge for 36% greater cutting power than other plier designs •D2000-28 offers heavy duty cutting knives
•Plastic dipped handles

PART NO.	OVERALL LENGTH
D228-8	8-1/16"
D2000-28	8-1/16"

HIGH LEVERAGE DIAGONAL CUTTING PLIERS — ANGLED HEAD

•Angled head design for easy work in confined spaces •High leverage design — rivet is closer to the cutting edge for 36% greater cutting power than other plier designs •D2000-48 offers heavy duty cutting knives
*denotes plastic dipped handles
†denotes Journeyman handles

PART NO.	OVERALL LENGTH
D248-8*	8-1/16"
D2000-48*	8-1/16"
J2000-48†	8-1/8"

J2000-48 shown

HEAVY DUTY DIAGONAL CUTTING PLIERS — TAPERED NOSE

•Heavy duty tapered nose design •One-inch jaws easily reach into confined spaces
•Plastic dipped handles

PART NO.	OVERALL LENGTH
D220-7	7-11/16"

HEAVY DUTY DIAGONAL CUTTING PLIERS — ALL PURPOSE

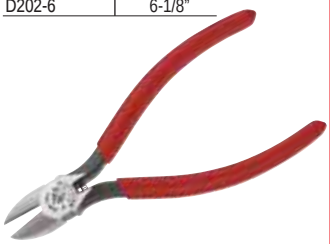
•Heavier design for all purpose use •Tapered nose for easy working in confined areas
•Plastic dipped handles

PART NO.	OVERALL LENGTH
D252-6	6-1/8"

STANDARD DIAGONAL CUTTING PLIERS — TAPERED NOSE

•Easy working in confined areas
•Plastic dipped handles

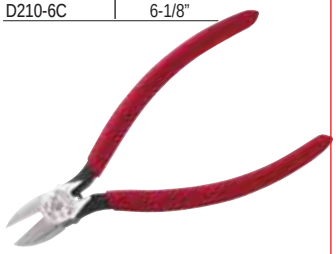
PART NO.	OVERALL LENGTH
D202-6	6-1/8"



STANDARD DIAGONAL CUTTING PLIERS — SEMI-FLUSH CUTTING

•Trims plastic or printed circuit boards •Spring-loaded for self-opening action
•Plastic dipped handles

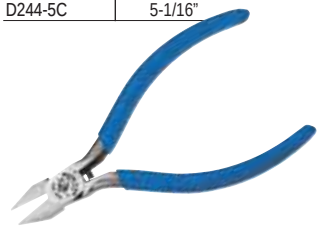
PART NO.	OVERALL LENGTH
D210-6C	6-1/8"



DIAGONAL CUTTING PLIERS — POINTED NOSE, NARROW JAWS

•Narrow jaw and hinge for delicate work in tight areas •Sharp pointed nose for precise tip cutting •Spring loaded action for self opening
•Plastic dipped handles

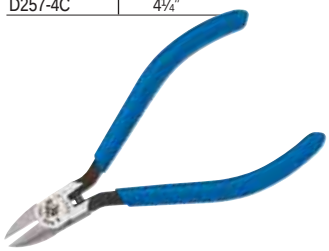
PART NO.	OVERALL LENGTH
D244-5C	5-1/16"



MIDGET STANDARD DIAGONAL CUTTING PLIERS

•Tapered nose for easy working in confined areas
•Plastic dipped handles

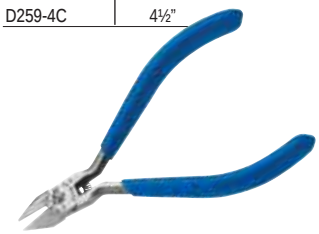
PART NO.	OVERALL LENGTH
D257-4C	4¼"



MIDGET DIAGONAL CUTTING PLIERS — POINTED NOSE, EXTRA NARROW JAWS

•Narrow jaw and hinge for delicate work in tight areas •Sharp pointed nose for precise tip cutting •Spring loaded action for self-opening
•Plastic dipped handles

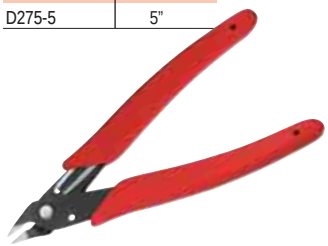
PART NO.	OVERALL LENGTH
D259-4C	4½"



LIGHTWEIGHT FLUSH CUTTER

•Shears wire up to 14 AWG with unique flush-cutting action that minimizes fly off •Steel hold-open spring for self-opening •Compact head for easy working in confined areas
•Plastic handles

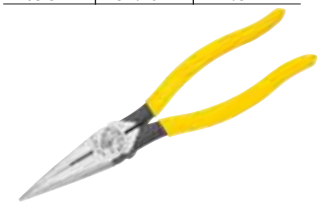
PART NO.	OVERALL LENGTH
D275-5	5"



HEAVY DUTY LONG NOSE PLIERS — SIDE CUTTING

•Induction hardened cutting knives for long life •Heavier design for greater cutting power
•Extended handles provide added reach and leverage
•Plastic dipped handles

PART NO.	OVERALL LENGTH	POINT THICKNESS
D203-8	8-7/16"	1/8"



STANDARD LONG NOSE PLIERS — SIDE CUTTING

•Induction hardened, long lasting cutting knives
•Knurled jaws for sure wrapping and looping
•Curved handles provide greater tool control
•Plastic dipped handles

PART NO.	OVERALL LENGTH	POINT THICKNESS
D203-6	6-5/8"	3/32"
D203-6C	6-5/8"	1/16"
D203-7	7-3/16"	3/32"
D203-7C	7-3/16"	1/16"

STANDARD LONG NOSE PLIERS — LONG REACH

•Knurled jaws for sure wrapping and looping
•Extended handles provide added reach and leverage
•Plastic dipped handles

PART NO.	OVERALL LENGTH	POINT THICKNESS
D314-8	8-1/8"	3/32"

CURVED LONG NOSE PLIERS

•70° bent nose for maximum work visibility in confined areas •Knurled jaws for sure wrapping and looping •Curved handles provide greater tool control
•Plastic dipped handles

PART NO.	OVERALL LENGTH	POINT THICKNESS
D302-6	6-3/8"	3/32"

END CUTTING PLIERS

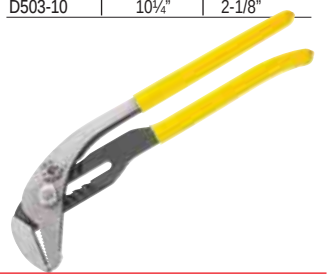
•Wide throat clearance for clean, even cutting of wire or nails at close range •High leverage design provides greater cutting power at the knives than other plier designs •Extended handles for longer reach and increased leverage
•Plastic dipped handles

PART NO.	OVERALL LENGTH
D232-8	8½"

PIPE WRENCH PLIERS — ANGLED HEAD

•90° angled jaws provide 20% more leverage than 32° angled jaws •Secure tongue and groove design for non-slip grip — even with heavy pressure •Seven versatile jaw positions
•Handle stop design prevents pinched fingers
•Plastic dipped handles

PART NO.	OVERALL LENGTH	MAX. JAW CAPACITY
D503-10	10¼"	2-1/8"



PUMP PLIERS

•Secure tongue and groove design for non-slip grip — even with heavy pressure •Wide range of versatile jaw positions
•Plastic dipped handles

PART NO.	OVERALL LENGTH	MAX. JAW CAPACITY
D502-10	10"	1¾"
D502-12	12¼"	2-3/8"

Strippers, Cutters, & Crimpers

WIRE STRIPPERS/CUTTERS — FOR SOLID & STRANDED WIRES

•Precision shear-type blades for clean cuts on solid and stranded copper wire •Easy-to-read markings on both sides •Strips solid AWG gauges 10 - 18 and stranded AWG gauges 12 - 20 •Overall length 7-1/8"
Part No. 11055.

WIRE STRIPPERS/CUTTERS

•Compact, lightweight wire stripping and cutting tool •Narrow nose fits into tight places •Hardened steel with precision ground stripping holes •Do not use for cutting steel wire or bolts •Overall length 6¼"
Part No. 11045, 10 - 18 AWG solid.
Part No. 11046, 16 - 26 AWG solid.
Part No. 11047, 22 - 30 AWG solid.
Part No. 11049, 8 - 18 AWG solid.

WIRE STRIPPERS/CUTTERS — FOR SOLID & STRANDED WIRE

•Strips six standard wire sizes without nicking wire •Scissors action of ½" wide cutter makes clean cuts with little effort •Serrated nose jaws to bend, shape or pull wire; holes for looping wire ends •Spring-loaded for self-opening action •Comfortable, plastic covered handles •Strips and cuts 10 - 20 AWG solid and stranded wire •Overall length 6-1/8"
Part No. 1011.

AUTOMATIC WIRE STRIPPER — FOR SOLID & STRANDED WIRE

•Strips from No. 10 to 22 AWG, up to a full 1" •No nicking, cutting or fraying wire •Wire is automatically gripped and stripped with the same motion — release pressure and jaws automatically open to release stripped wire — for clear nylon-jacket conductors, two activations are required •Plastic hand grips for comfort •Supplied with adjustable wire stop as a standard feature, to assure uniform, precise strip length •Overall length 6½"
Part No. 11062.

One pair of replacement blades, 10 - 22 AWG.
Part No. 11072.

MULTI-PURPOSE 6-in-1 TOOL

•Cleanly shears bolts •Easily cuts and strips wire •Measures stud sizes •Gauges wire sizes •Crimps insulated terminals •Plastic covered cushioned handles for comfort •Strips and cuts 10 - 22 AWG •Bolt sizes 4-40, 6-32, 8-32, 10-24, 10-32 •Overall length 7¾"
Part No. 1000.

MULTI-PURPOSE TOOL — 10 - 22 AWG

•Crimps insulated and non-insulated terminals, lugs, and splices •Crimps 7 mm ignition and distributor terminals •Easily cuts and strips wire •Cleanly shears bolts •Wire cutter in nose •Plastic covered cushioned handles for comfort •Strips and cuts 10 - 22 AWG •Bolt sizes 4-40, 6-32, 8-32, 10-24, 10-32 •Overall length 8½"
Part No. 1002.

LONG NOSE MULTI-PURPOSE TOOL

•Easily cuts and strips wire •Narrow, serrated pliers nose to pull, loop, and bend wire •Long, curved cutting blade •Cutters and strippers are in front of the pivot for maximum ease-of-use in reaching into tight places •Crimps insulated and non-insulated terminals and 7 to 8 mm ignition terminals •Cleanly shears bolts •Plastic covered cushioned handles for comfort •Strips and cuts 10 - 22 AWG •Bolt sizes 4-40, 5-40, 6-32, 8-32, 10-32, 10-24 •Overall length 8¼"
Part No. 1010.

CRIMPING/CUTTING TOOL - NON-INSULATED/ INSULATED TERMINALS

•Crimping die marked for insulated and non-insulated solderless terminals and connectors •Tapered nose design for working in confined spaces •Specially hardened wire cutter in nose •Hot-riveted joint for smooth action and no handle wobble •Crimps 10 - 22 AWG •Overall length 9¾"
Part No. 1005.

CRIMPING/CUTTING TOOL - NON-INSULATED TERMINALS

•Designed for crimping non-insulated solderless terminals and connectors •Specially hardened wire cutter in nose •Tapered nose for working in confined spaces •Plastic dipped cushioned handles for comfort •Crimps 10 - 22 AWG •Overall length 9¾"
Part No. 1006.

Cable & Bolt Cutters

HIGH LEVERAGE CABLE CUTTERS

•High leverage design for exceptional cutting capability •Precision, one-hand shearing action •Cable gripping shear type jaws •Perfect for working in confined spaces •Can be carried in most tool pouches •Maximum cable cutting capacity: 4/0 aluminum; 2/0 soft copper; 100-pair 24 AWG communications wire •Overall length 9½"
Part No. 63050.

RATCHETING CABLE CUTTERS

•Cleanly cuts copper up to 400 MCM, as well as aluminum and multi-conductor cables up to 600 MCM •Unique ratchet action holds cable tight and allows rapid, straight cuts with minimum effort •Hold-open spring speeds cutting action •Quick-release lever opens blade at any time during operation •Large, finger formed handles have limit guards and plastic covering for comfortable non-slip grip •Compact, lightweight tool can be locked in closed position for pouch carrying •Not designed for cutting steel or ACSR •Overall length 10"
Part No. 63060.

KLEIN TOOLS®
Insulated Tools

The line of insulated tools incorporates all the Klein quality design and construction features that professionals have relied on. The tools combine excellent functionality along with reduction of risk of injury where a tool might make contact with an energized source with voltage up to 1000 volts. All part numbers for Klein insulated tools have the suffix "-INS" and are marked with the official international 1000-volt rating symbol. Not all tools with plastic coatings or plastic handles provide protection against electric shock. Only use those tools that are marked with the official international 1000-volt rating symbol, if there is any chance that the tool will make contact with an energized source. Thick, exceptionally tough, high-dielectric white inner coating is bonded to the tool. Flame retardant, impact-resistant, bright orange outer coating.

1000 V

INSULATED HIGH-LEVERAGE SIDE-CUTTING PLIERS

•New England nose type •Individually tested to exceed standards •High leverage design provides 46% greater cutting and gripping power than other plier designs •Streamlined design with sure-gripping, cross-hatched knurled jaws •Overall length 9-5/8"

Part No. D213-9NE-INS.

INSULATED WIRE STRIPPER/CUTTER

•Individually tested to exceed standards •Gauges, cuts, strips, and loops wire •Spring-loaded for self-opening •Strong, hardened steel with precision-ground stripping holes for easy removal of insulation •Compact, lightweight wire-stripping and cutting tool •Narrow nose fits into tight places •Made of strong, hardened steel •Do not use for cutting steel wire or bolts •Strips and cuts 10, 12, 14, 16, 18 solid AWG •Overall length 6"

Part No. 11045-INS.

INSULATED KEYSTONE TIP — HEAVY DUTY ROUND SHANK SCREWDRIVERS

•Individually tested to exceed standards •Tips are precision ground to fit screw openings securely and resist slippage •Cushion grip handles for greater torque and comfort

Part No. 602-4-INS, ¼" shank tip width; 4" shank.
Part No. 602-6-INS, 5/16" shank tip width; 6" shank.
Part No. 602-10-INS, 3/8" shank tip width; 10"shank.

INSULATED CABINET TIP — ROUND SHANK SCREWDRIVERS

•Individually tested to exceed standards •Cushion grip handles for greater torque and comfort •Perfect for electrical, telephone and work in recessed holes and other tight spaces •3/16" shank tip width

Part No. 601-4-INS, 4" shank.
Part No. 601-6-INS, 6" shank.
Part No. 601-8-INS, 10"shank.

INSULATED PHILLIPS TIP — ROUND SHANK SCREWDRIVERS

•Individually tested to exceed standards •Cushion grip handles for greater torque and comfort •Tips are Profilated® to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers

Part No. 603-3-INS, No. 1 point size, 3" shank.
Part No. 603-4-INS, No. 2 point size, 4" shank.
Part No. 603-6-INS, No. 3 point size, 6"shank.

INSULATED SQUARE RECESS TIP SCREWDRIVER — ROUND SHANK

•Individually tested to exceed standards •Round shank with square recess tip •Cushion grip handle for greater torque and comfort

Part No. 666-INS, No. 2 point size, 8" shank.

INSULATED CUSHION GRIP, HOLLOW SHAFT NUT DRIVERS

•Individually tested to exceed standards •Cushion grip handle for greater torque and comfort •Handle caps are colour coded for easy size identification •Strong hex head drives nuts and socket screws •Insulated, full hollow shaft shank permits turning nuts on long screws

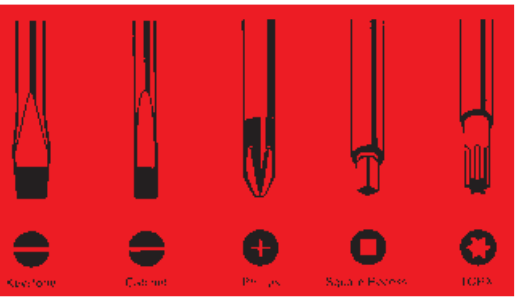
Part No. 630-3/16-INS, 3/16" hex, 3" shank.
Part No. 630-1/4-INS, ¼" hex, 3" shank.
Part No. 630-5/16-INS, 5/16" hex, 3" shank.
Part No. 630-11/32-INS, 11/32 hex, 3" shank.
Part No. 630-3/8-INS, 3/8" hex, 3" shank.
Part No. 630-7/16-INS, 7/16" hex, 3" shank.
Part No. 630-1/2-INS, 1/2" hex, 3" shank.
Part No. 630-9/16-INS, 9/16" hex, 4" shank.
Part No. 630-5/8-INS, 5/8" hex, 4" shank.

KLEIN ® EST. 1857 TOOLS

KLEIN TOOLS®

Screwdrivers, Nut Drivers, & Accessories

Klein screwdrivers give professionals extra quality features that have made the Klein name famous for hand tools — features that assure greater convenience, comfort and efficiency in use, plus exceptional strength and durability. All Klein drivers are made of the highest quality tempered steel, carefully heat treated for maximum strength. Shafts have integral flanges that provide an extra-strong torque-proof anchor in the handle. Strong, durable black tips are forged and precision ground with square edges to fit screw openings securely. They resist slippage and provide positive turning action. Cushion grip screwdrivers feature super comfortable, sure-grip handles on top quality blades for the professional. All Klein screwdrivers meet or exceed applicable ANSI and MIL specifications.



5-PIECE CUSHION GRIP SCREWDRIVER SET

•General purpose selection of the most frequently used screwdrivers •Includes two cabinet tip, one Phillips tip, and two keystone tip screwdrivers •Reusable plastic container
Part No. 85075.

7-PIECE CUSHION GRIP SCREWDRIVER SET

•General purpose selection of the most frequently used screwdrivers •Includes three cabinet tip, two Phillips tip, and two keystone tip screwdrivers •Reusable plastic container
Part No. 85076.

5-PIECE TORX® CUSHION GRIP SCREWDRIVER SET

•Colour coded handle ends with Tip-Ident® for quick and easy identification •TORX® drive systems transmit more torque to the work and reduce slippage, saving fasteners •Chrome plated shaft for corrosion resistance •Cushion grip handle for greater torque and comfort
Part No. 19555.

4-PIECE SQUARE RECESS CUSHION GRIP SCREWDRIVER SET

•Colour coded handle ends with Tip-Ident® for quick and easy identification •Round shank with Robertson® tip for square recess screws •Chrome plated shaft for corrosion resistance •Cushion grip handle for greater torque and comfort •Works on most combination head receptacle, switch and panel screws
Part No. 85664.

KEYSTONE TIP SCREWDRIVERS — HEAVY DUTY SQUARE SHANKS

•Heavy duty square shank for wrench assisted turning •Bolster reinforces shank for hard use •Designed for the most demanding uses
Part No. 600-4, ¼" shank tip width, 4" shank.
Part No. 600-6, 5/16" shank tip width, 6" shank.
Part No. 600-8, 3/8" shank tip width, 8" shank.
Part No. 600-12, ½" shank tip width, 12" shank.

KEYSTONE TIP SCREWDRIVERS — HEAVY DUTY ROUND SHANKS

•Built to handle the tough jobs with ease •Hex bolster reinforces shank for hard use and allows wrench assisted turning
Part No. 600-1*, ¼" shank tip width, 1½" shank.
Part No. 602-3, 7/32" shank tip width, 3" shank.
Part No. 602-4, ¼" shank tip width, 4" shank.
Part No. 602-6, 5/16" shank tip width, 6" shank.
Part No. 602-8, 3/8" shank tip width, 8" shank.
Part No. 602-10, 3/8" shank tip width, 10" shank.
Part No. 602-12, 3/8" shank tip width, 12" shank.
*Bolster not available in 600-1

CABINET TIP SCREWDRIVERS — ROUND SHANKS

•Narrow cabinet tip permits blade access where space is limited •3/16" shank tip width
Part No. 601-3, 3" shank.
Part No. 601-4, 4" shank.
Part No. 601-6, 6" shank.
Part No. 601-8, 8" shank.
Part No. 601-10, 10" shank.

PROFILATED® PHILLIPS TIP SCREWDRIVERS — ROUND SHANKS

•Tips are precision machined to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers •Provides accurate fit and torque without slippage
Part No. 603-1, No. 2 point size, 1½" shank.
Part No. 603-3, No. 1 point size, 3" shank.
Part No. 603-4, No. 2 point size, 4" shank.
Part No. 603-6, No. 3 point size, 6" shank.
Part No. 603-7, No. 2 point size, 7" shank.
Part No. 603-10, No. 2 point size, 10" shank.

SQUARE RECESS TIP SCREWDRIVERS — ROUND SHANKS

•Colour coded handle ends for quick and easy identification •Round shank with Robertson® tip for square recess screws •Black oxide shaft for corrosion resistance
Part No. 660, No. 0 point size, yellow, 4" shank.
Part No. 661, No. 1 point size, green, 4" shank.
Part No. 662, No. 2 point size, red, 4" shank.
Part No. 663, No. 3 point size, black, 4" shank.
Part No. 665, No. 1 point size, green, 8" shank.
Part No. 666, No. 2 point size, red, 8" shank.
Part No. 667, No. 3 point size, black, 8" shank.

TORX® SCREWDRIVERS — ROUND SHANKS

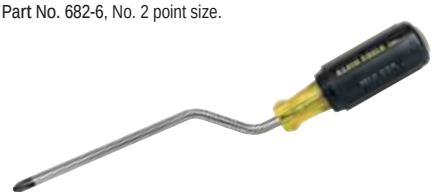
•Colour coded handle ends for quick and easy identification •TORX® tip drive cuts slippage, saves fasteners, transmits more torque to the work •Black oxide shaft for corrosion resistance •4" shanks
Part No. 19542, T15, yellow.
Part No. 19543, T20, green.
Part No. 19544, T25, blue.
Part No. 19545, T27, brown.
Part No. 19546, T30, red.

CABINET TIP SCREWDRIVERS — RAPI-DRIV®

•Crank action handle spins screws fast with one hand •Saves time and effort, especially on long threaded screws in switch plates, light fixtures, etc. •3/16" shank tip width •6" shank
Part No. 670-6.

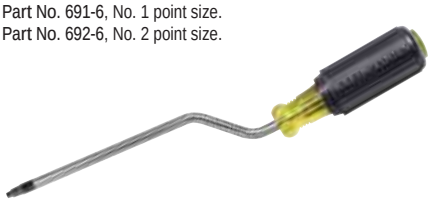
PHILLIPS SCREWDRIVERS — RAPI-DRIV®

•Crank action handle spins screws fast with one hand •Saves time and effort, especially on long threaded screws in switch plates, light fixtures, etc. •6" shank
Part No. 681-6, No. 1 point size.
Part No. 682-6, No. 2 point size.



SQUARE RECESS SCREWDRIVERS — RAPI-DRIV®

•Crank action handle spins screws fast with one hand •Saves time and effort, especially on long threaded screws in switch plates, light fixtures, etc. •6" shank
Part No. 691-6, No. 1 point size.
Part No. 692-6, No. 2 point size.



10-in-1 SCREWDRIVER/NUT DRIVER

•End of handle is marked to quickly identify tool •Contains 5/16" and ¼" nut drivers, #1 and #2 Phillips, ¼" and 3/16" slotted, #10 and #15 TORX®, #1 and #2 square recess
Part No. 32477.

MIDGET SCREWDRIVER

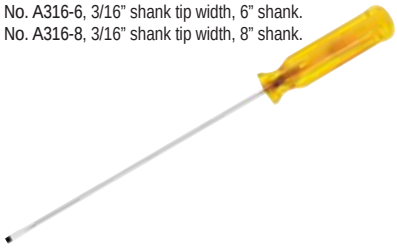
•Specially designed for delicate instrument work •Keystone tip screwdriver •3/32" shank tip width •1½" shank
Part No. A000.

POCKET CLIP SCREWDRIVERS

•Round shank screwdrivers with convenient pocket clip •1/8" shank tip width
Part No. A130-3, Cabinet tip, 3" shank.
Part No. P12, Phillips tip No. 0, 2½" shank.

CABINET TIP SCREWDRIVERS — ROUND SHANKS

•Small diameter shank for use in recessed holes or tight places •Well suited for electrical and telecommunications work
Part No. A216-2, 1/8" shank tip width, 2" shank.
Part No. A216-3, 1/8" shank tip width, 3" shank.
Part No. A216-4, 1/8" shank tip width, 4" shank.
Part No. A216-6, 1/8" shank tip width, 6" shank.
Part No. A216-8, 1/8" shank tip width, 8" shank.
Part No. A316-6, 3/16" shank tip width, 6" shank.
Part No. A316-8, 3/16" shank tip width, 8" shank.



SLOTTED SCREW HOLDING SCREWDRIVER

•Blade thickness of .043" expanding to .085" •Split blade screw holding driver wedges into screw slot •Positive gripping action holds, starts, and drives slotted screws in awkward, hard-to-reach places •Not designed for torquing or tightening •¼" shank tip width •6" shank
Part No. K36.

7-PIECE CUSHION GRIP NUT DRIVER SET — 3" SHANKS

•General purpose selection of the most frequently used nut drivers •Set contains 3/16" hex (black), ¼" hex (red), 5/16" hex (yellow), 11/32" hex (green), 3/8" hex (blue), 7/16" hex (brown), ½" hex (red) •Reusable plastic container
Part No. 631.

7-PIECE CUSHION GRIP NUT DRIVER SET — 6" SHANKS

•General purpose selection of the most frequently used nut drivers •Set contains 3/16" hex (black), ¼" hex (red), 5/16" hex (yellow), 11/32" hex (green), 3/8" hex (blue), 7/16" hex (brown), ½" hex (red) •Reusable plastic container
Part No. 647.

7-PIECE NUT DRIVER SET — 3" SHANKS

•Set contains seven hollow shaft nut drivers in the most popular hex sizes •Convenient vinyl pouch hangs up, rolls up •Contains 3/16" hex (black), ¼" hex (red), 5/16" hex (amber), 11/32" hex (green), 3/8" hex (blue), 7/16" hex (brown), ½" hex (red)
Part No. K7.

Screwdrivers, Nut Drivers, & Accessories

CUSHION GRIP HOLLOW SHANK NUT DRIVERS — 3" & 4" SHANKS

•Standard length for most applications •Fits over long bits and studs
Part No. 630-3/16, 3/16" hex, black, 3" shank.
Part No. 630-1/4, ¼" hex, red, 3" shank.
Part No. 630-5/16, 5/16" hex, yellow, 3" shank.
Part No. 630-11/32, 11/32" hex, green, 3" shank.
Part No. 630-3/8, 3/8" hex, blue, 3" shank.
Part No. 630-7/16, 7/16" hex, brown, 3" shank.
Part No. 630-1/2, ½" hex, red, 3" shank.
Part No. 630-9/16, 9/16" hex, orange, 4" shank.
Part No. 630-5/8, 5/8" hex, yellow, 4" shank.

CUSHION GRIP HOLLOW SHANK NUT DRIVERS — 6" SHANKS

•Reaches into deep recesses •Fits over extra long bolts and studs
Part No. 646-3/16, 3/16" hex, black, 6" shank.
Part No. 646-1/4, ¼" hex, red, 6" shank.
Part No. 646-5/16, 5/16" hex, yellow, 6" shank.
Part No. 646-11/32, 11/32" hex, green, 6" shank.
Part No. 646-3/8, 3/8" hex, blue, 6" shank.
Part No. 646-7/16, 7/16" hex, brown, 6" shank.
Part No. 646-1/2, ½" hex, red, 6" shank.
Part No. 646-9/16, 9/16" hex, orange, 6" shank.
Part No. 646-5/8, 5/8" hex, yellow, 6" shank.

HOLLOW SHANK NUT DRIVERS — 3" & 4" SHANKS

•Standard length works for most applications •Fits over long bolts and studs
Part No. S5, 5/32" hex, amber, 3" shank.
Part No. S6, 3/16" hex, black, 3" shank.
Part No. S7, 7/32" hex, brown, 3" shank.
Part No. S8, ¼" hex, red, 3" shank.
Part No. S9, 9/32" hex, orange, 3" shank.
Part No. S10, 5/16" hex, amber, 3" shank.
Part No. S11, 11/32" hex, green, 3" shank.
Part No. S12, 3/8" hex, blue, 3" shank.
Part No. S14, 7/16" hex, brown, 3" shank.
Part No. S16, ½" hex, red, 3" shank.
Part No. S18, 9/16" hex, red, 4" shank.
Part No. S20, 5/8" hex, red, 4" shank.

SIX-IN-ONE TAPPING TOOL

•Quickly forms new threads, re-forms burred threads, and cleans out plaster obstructions •Each tap size rethreads to next larger size if threads are stripped •Two high carbon steel taps are secured in reversible holder •Tap sizes 6-32, 8-32, 10-32, 10-24, 12-24, ¼-20 •Overall length 7-5/8"
Part No. 627-20.

CUSHION GRIP SCRATCH AWL

•Professional, heavy duty, hard pointed awl •Scribes metal, starts screw holes, performs a variety of piercing and punching jobs •Rigid, chrome plated, heat treated, tempered steel shank has full reinforcing bolster at handle for extra strength and for handle impact reinforcement •Internal flanges provide solid shank anchor •Cushion grip handle allows for greater comfort •3½" blade length •Overall length 7-7/8"
Part No. 650.

TRIPLE TAPS

•Quickly forms new threads, re-forms burred threads, and cleans out plaster obstructions •Each tap size rethreads to next larger size if threads are stripped •Tap sizes 6-32, 8-32, 10-24 •Overall length 7-1/8"
Part No. 625-24.
Part No. 626-24, Replacement tap for #625-24.

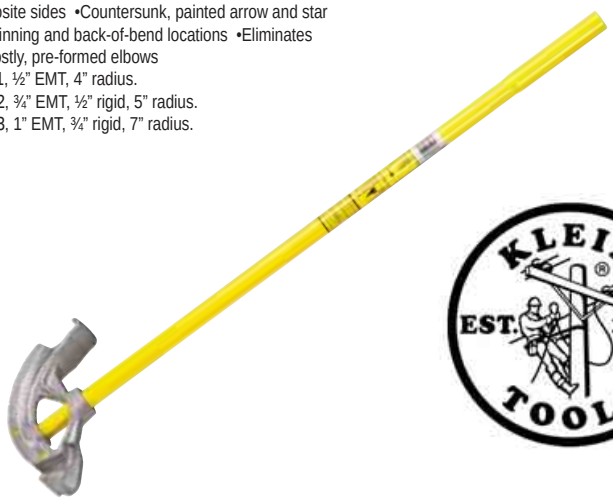
Fish Tapes & Conduit Tools

SPEEDWAY® FLAT STEEL FISH TAPES — GRIP-IT® HANDLES

•Tempered, high quality 1/8" wide steel tape •Flat steel fish tape is meant for everyday use •12" reel diameter
Part No. 50211, 120 ft.
Part No. 50221, 240 ft.

KLEIN'S BENFIELD® BENDERS

•Conduit bender head with handle •Fixed radius, one sweep design permits pinpoint precision even by inexperienced users •Easy-to-read, cast in, benchmark symbols and offset degree scales on opposite sides •Countersunk, painted arrow and star to indicate beginning and back-of-bend locations •Eliminates the need for costly, pre-formed elbows
Part No. 51211, ½" EMT, 4" radius.
Part No. 51212, ¾" EMT, ½" rigid, 5" radius.
Part No. 51213, 1" EMT, ¾" rigid, 7" radius.



6-POCKET TOOL POUCH

•Leather construction •Riveted to assure long life •Slotted belt connection with knife snap add-on •2" belt width •Overall size 7" x 10"

Part No. 5127.

8-POCKET EXTRA CAPACITY TOOL POUCH

•Leather construction •Extra capacity multi-purpose pouch •Stitched and riveted •Tunnel loop belt connection with knife snap, leather tape thong add-ons •3" belt width •Overall size 8½" x 10¾"

Part No. 5162T.

LINEMAN'S KNIFE HOLDER

•Leather construction •Riveted to assure long life •Slotted belt connection •Up to 2" belt width •Overall size 3½" x 9-3/8"

Part No. 5163.

HEAVY DUTY EMBOSSED TOOL BELTS

•Strong, heavy duty leather •Equipped with a double tongue buckle •2" width

Part No. 5415S, 32" - 40".

Part No. 5415, 36" - 44".

Part No. 5415L, 40" - 48".

Part No. 5415XL, 44" - 52".

CANVAS TOOL BAG — 10 INTERIOR POCKET

•Steel frame mouth with hinge for rugged use •Internal pockets in a variety of sizes •External pocket for additional carrying needs •Constructed of strong No. 8 natural canvas •Reinforced bottom supports heavy tools, blocks moisture, and provides durability at wear points •Wide opening provides easy access to large tools •Bottom is protected from the elements by 6 studs •Includes shoulder strap mounts, external pocket, leather bottom and 3" of sides covered with black leather, 2" wide web handles, leather handle wrap, and external tool loop handle in the webbing, retaining strap •18"L x 6"W x 14"D

Part No. 5003-18.

TOOL TOTE™ — SHOULDER STRAP

•Constructed of double layered, 600 x 300 denier polyester to resist wear and tear on the jobsite •Water resistant to avoid the build-up of mold and mildew •2" wide polypropylene padded carrying handles with comfortable leather wrap •Contoured, padded, slip-resistant shoulder strap for hands-free mobility •Durable molded bottom with drain holes to prevent water retention •5 interior pockets and a large interior compartment to easily carry a wide assortment of hand tools, power tools, and supplies •7 multi-tool exterior pockets for a variety of tools and mobile phone •15½"L x 7½W" x 10"D

Part No. 58888.

TOOL ORGANIZER — 10 INTERIOR POCKETS, 35 EXTERIOR POCKETS

•Constructed of double layered, 600 x 300 denier polyester to resist wear and tear on the jobsite •Water resistant to avoid the build-up of mold and mildew •Double layer of polyester at bucket edges for durability •Interior pockets: 3 tool sleeves, 1 power tool/cord sleeve, and 6 universal pockets •Exterior pockets: 9 screwdriver/nut driver pockets, 11 pliers pockets, 11 utility pockets, 2 wire stripper pockets, and 2 Velcro® closeable pockets •Heavy duty webbing keeps pockets open for easy access to supplies and tools •Fits standard 5 gallon buckets

Part No. 5777.

LEATHER BOTTOM BUCKET

•Polypropylene rope handle reinforced with leather for water resistance and strength •Durable buckets are made of heavy duty canvas •High density polyethylene top ring for strength and chemical resistance •No. 1 (thickest) canvas •Leather reinforced bottom extends 3" up the sides •Inside pocket measures 8" x 8" •12" top and bottom diameter, 17" height

Part No. 5104.

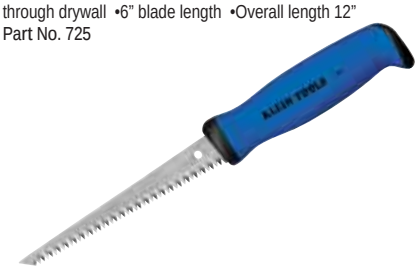
CANVAS ELECTRODE BAG

•Made of tough No. 4 canvas •Heat resistant, hard leather bottom •Web loop for sliding over belt •2½" diameter •Front depth 12" •Back depth 15½"

Part No. 5471.

Saws, Blades, Knives, & Scissors

JAB SAW
•Cuts drywall, wallboard, plywood, and plastic •Triple ground teeth for a fast cut •Blade cuts in both directions (push and pull) •Hardened, carbon steel blade for durability •Hardened, beveled blade point for scoring and plunge cuts •Comfort cushion grip with thumb groove •Handle structure designed for strength and durability •Flat end grip for palming or punching through drywall •6" blade length •Overall length 12"
Part No. 725



COMPACT POCKET KNIFE — DROP POINT BLADE
•Compact and lightweight knife •Stainless steel handles and blades for long life •Rosewood handle inserts on both sides •Modified spearpoint blade locks open •2" blade length; 3" length closed
Part No. 44033.

SPORTSMAN KNIFE — SHARP POINT BLADE
•Curved handle with big bolster •Brass bolsters and ebony wood handle •Stainless steel blade for long life •Brass linings •Blade locks open •Complete with leather snap case with belt loop •3-3/8" blade length •4-7/8" length closed
Part No. 44037.

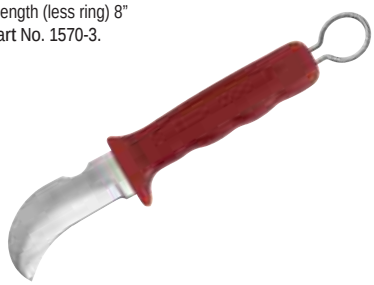
POCKET KNIFE — SHEEPFOOT SLITTING BLADE
•Extra large curved sheepfoot slitting blade — 2-5/8" long •Ideal for heavy duty line work •Woodgrain plastic handle •Blade locks open •Carbon steel blade •Length closed 4"
Part No. 1550-4.

POCKET KNIFE — SLITTING BLADE
•Large curved sheepfoot slitting blade — 2½" long •Ideal for heavy duty line work •Plastic handle •Blade locks open •Stainless steel blade •Length closed 4-3/8"
Part No. 1550-24.

2-BLADE POCKET KNIFE — SPEARPOINT & SCREWDRIVER TIP BLADES
•Standard spearpoint blade — 2½" long •Screwdriver tip blade — 2½" long •Screwdriver tip blade locks open •Carbon steel blade •Length closed 3¾"
Part No. 1550-2.

HEAVY DUTY UTILITY KNIFE — QUICK CHANGE RETRACTABLE BLADE
•Curved handle design with slip-resistant grip for comfort and ease of use •No tools required for quick blasde change •Plastic holster with belt clip for convenient use •Safety overlap handle design for heavy duty cutting •Retractable blade locks in 3 positions •Includes one heavy duty blade and stores up to 10 blades in handle •Fits most standard utility blades •Length closed 7"
Part No. 44107.

CABLE/LINEMAN'S SKINNING KNIFE
•Hook blade, notch, and ring •3" steel blade withstands frequent scoring and slitting of cable jacket •Blade and ring are securely molded in handle •Notch on blade back for scraping or removing wire insulation •Comfortable textured handle with finger grooves and guard •No contact between stainless steel ring and hardened steel blade •Rectangle shaped handle design for attachment to some utility hot stick equipment •Length (less ring) 8"
Part No. 1570-3.



CABLE SPLICER'S KNIFE
•Special purpose short blade with comfortable, full sized heavy duty handle •Coping type blade made of the finest cutlery steel, tough and carefully tempered to hold its edge •Handle is textured for comfort and firm grip •Hang hole for easy storage and portability •Blade length 1¾" •Overall length 6¼"
Part No. 44200.

CABLE SPLICER'S KIT
•Includes cable splicer's knife, electrician's scissors with stripping notches, and 2-pocket leather pouch •Cuts cable, telephone wire, and strips insulation •2-1/8" x 7½" •Leather pouch is slotted for belts up to 2" wide
Part No. 46037.

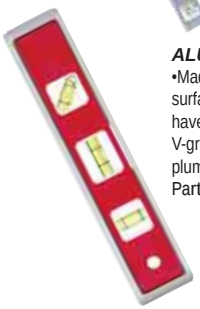
ELECTRICIAN'S SCISSORS — STRIPPING NOTCHES
•Upper blade has notches for stripping 19 and 23 gauge wire •Designed for telecom and electrical applications and heavy duty use •Strong, tough tempered steel •Nickel-plated finish resists corrosion •Scraper and file on outside of both blades •Screw hinge permits adjustment •Serrated lower blade reduces slippage •Overall length 5¼"
Part No. 2100-7.

EXPERT LEVELS

•Made of lightweight extruded aluminum in an I- beam construction •Permanent silver anodized finish and shock absorbing protective end caps •Feature 360° barrel vials held in place with ABS plastic vial covers and acrylic lenses.
Part No. 40-0086, 24", 3 vial.
Part No. 40-0089, 36", 3 vial.
Part No. 40-0090, 48", 3 vial.
Part No. 40-0092, 72", 4 vial.

APPRENTICE LEVELS

•Made of extruded aluminum that is durable, lightweight and formed into a heat treated aluminum frame •Features 360° barrel vials held in by ABS plastic vial covers.
Part No. 40-0102, 24", 3 vial.
Part No. 40-0104, 36", 3 vial.
Part No. 40-0106, 48", 3 vial.



ALUMINUM TORPEDO LEVELS

•Made of die cast aluminum frames with computer machined levelling surfaces •Feature a full length, recessed magnetic edge •Levels have a large top reading window, ABS plastic vial covers, and are V-grooved for conduit and pipe and have easy to read vials for level, plumb and 45°.
Part No. 40-0209, 9", 3 vial.

PLASTIC TORPEDO LEVELS

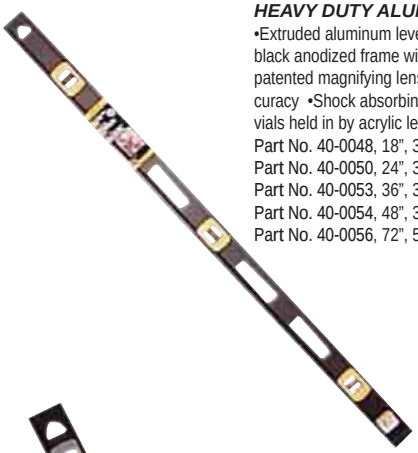
•Made of a sturdy molded ABS plastic, making these levels lightweight and durable. The model 40-0216 features a full length, recessed magnetic edge •Levels have a large top reading window, ABS plastic vial covers, and are V-grooved for conduit and pipe and have easy to read vials for level, plumb and 45°.
Part No. 40-0215, 9", 3 vial.
Part No. 40-0216, 9", 3 vial.

HEAVY DUTY EXTRUDED ALUMINUM LEVELS

•Large extruded aluminum I-beam frame, designed for heavy duty rugged use •Bright red anodized finish offering high on-sight job visibility, each sight has 2 adjustable independently calibrated curved yellow vials set in a shock proof holder and lens.
Part No. 40-0026, 24", 6 vial.
Part No. 40-0032, 48", 6 vial.
Part No. 40-0034, 72", 10 vial.

CAST ALUMINUM LEVELS

•Cast of aluminum, from a permanent mold process, these heavy duty aluminum levels are precision milled for a high degree of accuracy •Six hand set vials sealed behind heavy glass lenses resist dirt and moisture.
Part No. 40-0040, 24", 6 vial.
Part No. 40-0042, 28", 6 vial.
Part No. 40-0046, 48", 6 vial.



HEAVY DUTY ALUMINUM TOP-READ LEVELS

•Extruded aluminum levels feature a lightweight, rugged black anodized frame with large top-reading window and patented magnifying lens - milled edges assure greater accuracy •Shock absorbing protective ends and barrel shaped vials held in by acrylic lenses.
Part No. 40-0048, 18", 3 vial.
Part No. 40-0050, 24", 3 vial.
Part No. 40-0053, 36", 3 vial.
Part No. 40-0054, 48", 3 vial.
Part No. 40-0056, 72", 5 vial.

HEAVY DUTY ALUMINUM MAGNETIC TOP-READ LEVELS

•Feature a lightweight rugged black anodized frame with full length, recessed magnetic strip •This level holds securely to ferrous metals allowing for hands-free operation •Includes milled edges for greater accuracy, also has shock absorbing protective end caps and a large top-reading window with magnifying lens •Barrel shaped vials read a full 360° and are held in place by ABS plastic vial covers and acrylic lenses.
Part No. 40-0060, 24", 3 vial.
Part No. 40-0064, 48", 3 vial.
Part No. 40-0066, 72", 5 vial.

MAHOGANY LEVELS

•Made from first grade, kiln dried mahogany with clear lacquer
finish •Includes a double angle screwless brass binding, 6 hand set curved
vials assuring greater accuracy and sensitivity, heavy glass protective lenses and shock absorbing rubber end caps.
Part No. 40-0002, 24", 6 vial.
Part No. 40-0006, 48", 6 vial.

MAHOGANY ALUMINUM LEVELS

•Made from select kiln dried mahogany with a solid, heavy duty aluminum I-beam core and clear lacquer finish •Impervious to heat, cold, or moisture •Will not warp •Features include six hand set curved vials assuring greater accuracy and sensitivity •These levels also have heavy glass protective lenses and shock absorbing rubber caps.
Part No. 40-0012, 24", 6 vial.
Part No. 40-0014, 48", 6 vial.

ALUMINUM BOX BEAM LEVELS

•Heavy duty aluminum box beam frame construction with machined edges for optimum accuracy •Feature electronically calibrated solid block acrylic vials and an epoxy coated finish.
Part No. 40-0140, 24", 3 vial.
Part No. 40-0145, 24", 3 vial, magnetic.
Part No. 40-0142, 48", 3 vial.
Part No. 40-0147, 48", 3 vial, magnetic.

JOHNSON

Level & Tool Products

LINE, SURFACE & SPECIALTY LEVELS

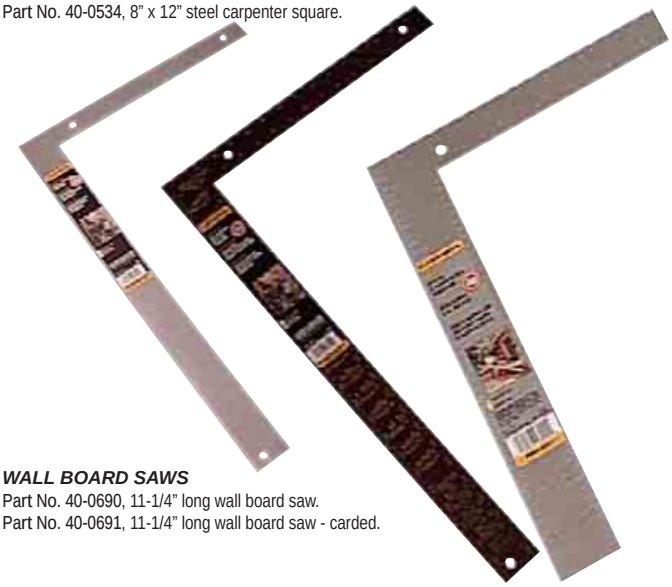
Part No. 40-0200, 3" heavy duty aluminum line and surface level.
Part No. 40-0202, 3" plastic line and surface level.
Part No. 40-0203, 3" cross check level.
Part No. 40-0204, 1-3/4" diameter Bull's eye level - 3 screw mount.
Part No. 40-0205, 3-1/4" magnetic stud finder with built-in level.
Part No. 40-0206, 5" aluminum pocket level.
Part No. 40-0217, 14" water level.
Part No. 40-0218, 2-7/8" diameter angle locator.
Part No. 40-0220, 4" diameter magnetic angle locator.
Part No. 40-0224, 5-1/2" x 3-1/2" post level.

HEAVY DUTY LEVEL GUARD

48" Level Guard - made of polypropylene . To protect all levels up to 1-1/4" x 2-1/2" in size when not in use. Will accommodate most conventional levels.
Part No. 40-0120.

CARPENTER SQUARES

Part No. 40-0522, 16" x 24" steel carpenter square.
Part No. 40-0524, 16" x 24" steel rafter square.
Part No. 40-0526, 16" x 24" steel carpenter square - metric.
Part No. 40-0528, 16" x 24" aluminum carpenter square.
Part No. 40-0530, 16" x 24" aluminum rafter square.
Part No. 40-0532, 16" x 24" heavy duty black aluminum rafter square.
Part No. 40-0534, 8" x 12" steel carpenter square.

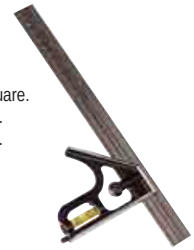


WALL BOARD SAWS

Part No. 40-0690, 11-1/4" long wall board saw.
Part No. 40-0691, 11-1/4" long wall board saw - carded.

COMBINATION SQUARES

Part No. 40-0536, 12" metric/Imperial Structo-Cast combination square.
Part No. 40-0540, 12" metric/Imperial Die Cast combination square.
Part No. 40-0544, 16" metric/Imperial Die Cast combination square.



8" TRY AND MITRE SQUARE

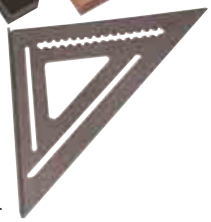
Part No. 40-0546, steel blade, plastic handle.
Part No. 40-0548, steel blade, mahogany handle.

8" SLIDING T-BEVELS

Part No. 40-0550, Steel blade, plastic handle.
Part No. 40-0551, Steel blade, mahogany handle.

RAFTER ANGLE SQUARE

Comes with instruction manual
Part No. 40-0518, 7" aluminum rafter angle square.
Part No. 40-0520, 12" aluminum rafter angle square.

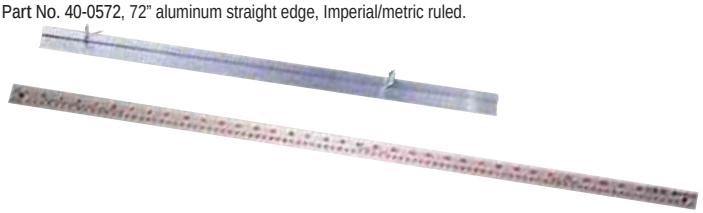


DRYWALL SQUARES

Part No. 40-0500, 48" x 2" aluminum adjustable drywall square.
Part No. 40-0504, 48" x 2" aluminum drywall T-square.

MEASURING & MARKING TOOLS

Part No. 40-0694, 49" x 2" Acculine cutting guide, c/w clamps.
Part No. 40-0554, 36" aluminum 2 sided yard stick.
Part No. 40-0560, 1 metre aluminum Imperial/metric metre stick.
Part No. 40-0564, 24" aluminum straight edge, Imperial/metric ruled.
Part No. 40-0566, 36" aluminum straight edge, Imperial/metric ruled.
Part No. 40-0568, 48" aluminum straight edge, Imperial/metric ruled.
Part No. 40-0572, 72" aluminum straight edge, Imperial/metric ruled.



PLUMB BOBS

Part No. 40-0670, 5 oz. hexagon steel plumb bob.
Part No. 40-0672, 8 oz. hexagon steel plumb bob.
Part No. 40-0674, 12 oz. hexagon steel plumb bob.
Part No. 40-0678, 8 oz. brass plumb bob.

LUMBER CRAYONS & CARPENTER PENCILS

Part No. 40-0650, Card of 3, yellow lumber crayons.
Part No. 40-0651, Box of 12, yellow lumber crayons.
Part No. 40-0652, Card of 3, red lumber crayons.
Part No. 40-0653, Box of 12, red lumber crayons.
Part No. 40-0654, Card of 3, blue lumber crayons.
Part No. 40-0655, Box of 12, blue lumber crayons.
Part No. 40-0656, Card of 3, black lumber crayons.
Part No. 40-0657, Box of 12, black lumber crayons.
Part No. 40-0660, Card of 2, carpenters' pencils.
Part No. 40-0662, Carpenter's pencil display, contains 72 pencils.
Part No. 40-0665, Insta-Mark mechanical carpenter's pencil.
Part No. 40-0666, Card of 10, Insta-Mark pencil replacement leads.

1/4" Drive Ratchets, Accessories & Sockets

PROFESSIONAL SOCKETS - Manufactured for strength and durability, forged from chrome vanadium steel and heat treated

1/4" DRIVE OPEN STOCK SOCKETS - 6 Point

REGULAR PART NO.	DEEP PART NO.	S.A.E.
01-1205	01-1305	5/32"
01-1206	01-1306	3/16"
01-1207	01-1307	7/32"
01-1208	01-1308	1/4"
01-1209	01-1309	9/32"
01-1210	01-1310	5/16"
01-1211	01-1311	11/32"
01-1212	01-1312	3/8"
01-1214	01-1314	7/16"
01-1216	01-1316	1/2"

REGULAR PART NO.	DEEP PART NO.	METRIC
01-2204	01-2304	4 mm
01-2294	01-2394	4.5 mm
01-2205	01-2305	5 mm
01-2295	01-2395	5.5 mm
01-2206	01-2306	6 mm
01-2207	01-2307	7 mm
01-2208	01-2308	8 mm
01-2209	01-2309	9 mm
01-2210	01-2310	10 mm
01-2211	01-2311	11 mm
01-2212	01-2312	12 mm
01-2213		13 mm
01-2214		14 mm

1/4" DRIVE SOCKET SETS

42 PC. 1/4" DR. SOCKET SET REGULAR & DEEP - S.A.E. & METRIC - 6 POINT

9 - Regular SAE Sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
9 - Deep SAE Sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
9 - Regular Metric Sockets: 4 mm, 5 mm, 6 mm, 7 mm, 8mm, 9mm, 10 mm, 11 mm, 12 mm
9 - Deep Metric Sockets: 4 mm, 5 mm, 6 mm, 7 mm, 8mm, 9mm, 10 mm, 11 mm, 12 mm
1 - 1/4" Dr. Quick Release Ratchet
1- Spinner Handle
2 - 2" & 6" Extension Bars
1 - Universal Joint
1 - High Impact Case
Part No. 01-8842.

24 PC. 1/4" DR. SOCKET SET REGULAR & DEEP - S.A.E. - 6 POINT

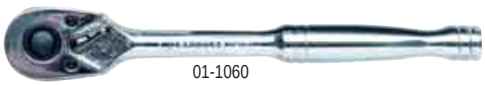
9 - Regular SAE Sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
9 - Deep SAE Sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
1 - 1/4" Dr. Quick Release Ratchet
1 - Spinner Handle
2 - 2" & 6" Extension Bars
1 - Universal Joint
1 - High Impact Case
Part No. 01-8816.

24 PC. 1/4" DR. SOCKET SET REGULAR & DEEP - METRIC - 6 POINT

9 - Regular Metric Sockets: 4 mm, 5 mm, 6 mm, 7 mm, 8mm, 9mm, 10 mm, 11 mm, 12 mm
9 - Deep Metric Sockets: 4 mm, 5 mm, 6 mm, 7 mm, 8mm, 9mm, 10 mm, 11 mm, 12 mm
1 - 1/4" Dr. Quick Release Ratchet
1 - Spinner Handle
2 - 2" & 6" Extension Bars
1 - Universal Joint
1 - High Impact Case
Part No. 01-8817.

01-1038

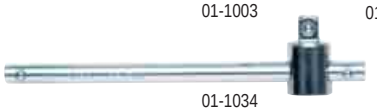
01-1050


01-1060

01-1030

01-1003

01-1002


01-1034

01-1036

01-1006

1/4" DRIVE RATCHET & ACCESSORIES

Part No. 01-1060, 1/4" Dr. Quick Release Ratchet, 48 teeth. 48 teeth allows for precision fastening and high torque. Advanced single pawl ratcheting system for the strongest possible gearing mechanism and smoother torque.
Part No. 01-1002, Extension Bar 2".
Part No. 01-1003, Extension Bar 3".
Part No. 01-1004, Extension Bar 4".
Part No. 01-1006, Extension Bar 6".
Part No. 01-1030, Flex Handle 6".
Part No. 01-1034, Sliding "T" Bar, 4".
Part No. 01-1035, Universal Joint.
Part No. 01-1036, Adapter 1/4" F x 3/8" M.
Part No. 01-1038, Spinner Handle 6".
Part No. 01-1040, Socket Holder Rail Clip 1/4" Dr.
Part No. 01-1050, Ratchet Repair Kit - Parts for #01-1060.

01-1035

01-1040

3/8" Drive Ratchets, Accessories & Sockets

PROFESSIONAL SOCKETS - Manufactured for strength and durability, forged from chrome vanadium steel and heat treated

3/8" DRIVE OPEN STOCK SOCKETS - 6 Point

REGULAR PART NO.	DEEP PART NO.	S.A.E.
02-1208	02-1308	1/4"
02-1210	02-1310	5/16"
02-1212	02-1312	3/8"
02-1214	02-1314	7/16"
02-1216	02-1316	1/2"
02-1218	02-1318	9/16"
02-1220	02-1320	5/8"
02-1222	02-1322	11/16"
02-1224	02-1324	3/4"
02-1226	02-1326	13/16"
02-1228	02-1328	7/8"

REGULAR PART NO.	DEEP PART NO.	METRIC
02-2206	02-2306	6 mm
02-2207	02-2307	7 mm
02-2208	02-2308	8 mm
02-2209	02-2309	9 mm
02-2210	02-2310	10 mm
02-2211	02-2311	11 mm
02-2212	02-2312	12 mm
02-2213	02-2313	13 mm
02-2214	02-2314	14 mm
02-2215	02-2315	15 mm
02-2216	02-2316	16 mm
02-2217	02-2317	17 mm
02-2218	02-2318	18 mm
02-2219	02-2319	19 mm
02-2220		20 mm
02-2221	02-2321	21 mm
02-2222		22 mm

3/8" DRIVE SPARK PLUG SOCKETS

Part No. 02-1120, 5/8".
Part No. 02-1126, 13/16".
Part No. 02-2121, 21 mm.

PROCORE

3/8" DRIVE SOCKET SETS

88 PC. 1/4" DR. & 3/8" DR. SOCKET SET REGULAR & DEEP - S.A.E. & METRIC - 6 POINT

1/4" DRIVE
9 - Regular SAE Sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
9 - Regular Metric Sockets: 4 mm, 5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm
1 - 1/4" Dr. Quick Release Ratchet
1 - Spinner Handle
1 - 4" Extension Bar
3/8" DRIVE
10 - Regular SAE Sockets: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
10 - Regular Metric Sockets: 8mm, 9mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 17 mm, 19 mm
5 - Deep SAE Sockets: 3/8", 7/16", 1/2", 9/16", 5/8"
5 - Deep Metric Sockets: 10 mm, 12 mm, 13 mm, 14 mm, 15 mm
2 - 5/8" & 13/16" Spark Plug Sockets
1 - 3/8" Dr. Quick Release Ratchet
2 - 3" & 6" Extension Bars
1 - Universal Joint
1 - Adapter 3/8" F x 1/4" M
3 - Phillips Bit Sockets: #1, #2, #3
3 - Square Bit Sockets: #1, #2, #3
11 - Hex Bit Sockets: 5/32", 3/16", 1/4", 5/16", 3/8", 3, 4, 5, 6, 8, 10 mm
10 - Torq Bit Sockets: T10, T15, T20, T25, T30, T40, T45, T50, T55, T60
2 - Slotted Bit Socket: 5, 5.5 mm
1 - High Impact Case
Part No. 02-8888.

20 PC. 3/8" DR. SOCKET SET REGULAR & DEEP - S.A.E. - 6 POINT

7 - Regular SAE Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
8 - Deep SAE Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"
1 - 3/8" Dr. Quick Release Ratchet
1 - Flex Handle 6"
1 - Extension Bar 3"
1 - Universal Joint
1 - High Impact Case
Part No. 02-8836.

50 PC. 3/8" DR. SOCKET SET REGULAR & DEEP - S.A.E. & METRIC - 6 POINT

9 - Regular SAE Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
9 - Deep SAE Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
14 - Regular Metric Sockets: 6 mm, 7 mm, 8mm, 9mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm
14 - Deep Metric Sockets: 6 mm, 7 mm, 8mm, 9mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm
1 - 3/8" Dr. Quick Release Ratchet
2 - 3" & 6" Extension Bars
1 - High Impact Case
Part No. 02-8850.

27 Pc. 3/8" Dr. Socket Set Regular & Deep - Metric - 6 Point

12 - Regular Metric Sockets: 8mm, 9mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm
10 - Deep Metric Sockets: 8mm, 9mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 17 mm, 19 mm
1 - 3/8" Dr. Quick Release Ratchet
2 - 3" & 6" Extension Bars
1 - Universal Joint
1 - High Impact Case
Part No. 02-8841.

PROCORE

14 PC. 3/8" DR. SOCKET SET METRIC - 6 POINT

13 - Metric Sockets: 7 mm, 8mm, 9mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm
1 - Metal Tray
Part No. 02-8830, Regular Sockets.
Part No. 02-8829, Deep Sockets.

10 PC. 3/8" DR. SOCKET SET DEEP - S.A.E. - 6 POINT

9 - Deep SAE Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
1 - Metal Tray
Part No. 02-8815.

11 PC. 3/8" DR. SOCKET SET REGULAR - S.A.E. - 6 POINT

8 - Regular SAE Sockets: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
1 - 3/8" Dr. Quick Release Ratchet
1 - Extension Bar 6"
1 - High Impact Case
Part No. 02-8819.

1/4" & 3/8" Drive Ratchets, Accessories & Sockets

PROCORE

1/4" & 3/8" DRIVE OPEN STOCK HEX BIT SOCKETS & SETS

Hex Bit Sockets

REGULAR PART NO.	EXTRA LONG PART NO.	S.A.E.
02-3304	02-3204	1/8"
02-3305	02-3205	5/32"
02-3306	02-3206	3/16"
02-3307	02-3207	7/32"
02-3308	02-3208	1/4"
02-3310	02-3210	5/16"
02-3312	023212	3/8"

Extra Long: 3" Overall Length

REGULAR PART NO.	EXTRA LONG PART NO.	METRIC
02-3353	02-3253	3 mm
02-3355	02-3255	4 mm
02-3357	02-3257	5 mm
02-3359	02-3259	6 mm
02-3361	02-3261	7 mm
02-3362	02-3262	8 mm
02-3364	02-3264	10 mm

Extra Long: 75 mm Overall Length

8 PC. 3/8" DR. HEX BIT SOCKET SET S.A.E.

S.A.E. Hex Bit Sockets: 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
Part No. 02-8809, Regular Hex Bit Socket Set on socket holder rail clip.
Part No. 02-8821, Extra Long Hex Bit Socket Set (3" Long) in high impact case.

8 PC. 3/8" DR. HEX BIT SOCKET SET METRIC

Metric Hex Bit Sockets: 3 mm, 4 mm, 5 mm, 6 mm, 7 mm, 8mm, 10 mm
Part No. 02-8810, Regular Hex Bit Socket Set on socket holder rail clip.
Part No. 02-8822, Extra Long Hex Bit Socket Set (75 mm Long) in high impact case.

1/4" DR. TORQ BITS

PART NO.	SIZE
01-3405	T10
01-3407	T15
01-3409	T20
01-3411	T25
01-3413	T27
01-3415	T30

1/4" DR. TORQ SOCKETS

PART NO.	SIZE
01-3450	E6
01-3451	E7
01-3452	E8

1/4" DR. TORQ SOCKETS TAMPER RESISTANT

PART NO.	SIZE
01-3505	T10H
01-3507	T15H
01-3509	T20H
01-3511	T25H
01-3513	T27H
01-3515	T30H

3/8" DR. TORQ BITS

PART NO.	SIZE
02-3405	T10
02-3407	T15
02-3409	T20
02-3411	T25
02-3415	T30
02-3419	T40
02-3421	T45
02-3422	T47
02-3423	T50
02-3425	T55
02-3427	T60

3/8" DR. TORQ SOCKETS

PART NO.	SIZE
02-3454	E10
02-3456	E12
02-3458	E14
02-3460	E16
02-3462	E18

3/8" DR. TORQ SOCKETS TAMPER RESISTANT

PART NO.	SIZE
02-3519	T40H
02-3521	T45H
02-3522	T47H
02-3523	T50H
02-3525	T55H
02-3527	T60H

3/8" DR. SCREWDRIVER BITS

PART NO.	SIZE
02-3601	Phillips #1
02-3602	Phillips #2
02-3603	Phillips #3
02-3611	Square #1
02-3612	Square #2
02-3613	Square #3
02-3625	Slotted 5 mm
02-3626	Slotted 5.5 mm

NEW!!

13 PC. 1/4" DR. & 3/8" DR. TAMPER RESISTANT TORQ SOCKET SET

6 - 1/4" Dr. Torq Sockets: T10H, T15H, T20H, T25H, T27H, T30H
6 - 3/8" Dr. Torq Sockets: T40H, T45H, T47H, T50H, T55H, T60H
1 - High Impact Case
Part No. 02-8826.

21 PC. 1/4" DR. & 3/8" DR. TORQ SOCKET AND SOCKET BIT SET

6 - 1/4" Dr. Torq Bits: T10, T15, T20, T25, T27, T30
6 - 3/8" Dr. Torq Bits: T40, T45, T47, T50, T55, T60
3 - 1/4" Dr. Torq Sockets: E6, E7, E8
5 - 3/8" Dr. Torq Sockets: E10, E12, E14, E16, E18
1 - High Impact Case
Part No. 02-8835.

02-1039

PROCORE

02-1071

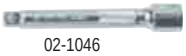
02-1035

02-1070

02-1063

02-1037

02-1043



02-1046

02-1036

3/8" DRIVE RATCHETS & ACCESSORIES

Part No. 02-1060, 3/8" Dr. Quick Release Ratchet 48 Teeth-3/8" Dr. 48 teeth. 48 teeth allows for precision fastening and high torque. Advanced single pawl ratcheting system for the strongest possible gearing mechanism and smoother torque.
Part No. 02-1071, 3/8" Dr. Flex Head 11" Ratchet 45 Teeth.
Part No. 02-1070, 3/8" Dr. Flex Head Stubby Ratchet 45 teeth
Part No. 02-1063, 3/8" Dr. Gearless Stubby Ratchet, the ultimate in precision.
Part No. 02-1003, Extension Bar 3".
Part No. 02-1006, Extension Bar 6".
Part No. 02-1010, Extension Bar 10".
Part No. 02-1012, Extension Bar 12".
Part No. 02-1020, Extension Bar 20".
Part No. 02-1030, Flex Handle 6".
Part No. 02-1034, Sliding "T" Bar.
Part No. 02-1035, Universal Joint.
Part No. 02-1036, Adapter 3/8"F x 1/2" M.
Part No. 02-1037, Adapter 3/8" F x 1/4" M.
Part No. 02-1038, Spinner Handle.
Part No. 02-1039, Speeder Handle.
Part No. 02-1040, Socket Holder Rail Clip 3/8".
Part No. 02-1043, Wobble Extension 3".
Part No. 02-1046, Wobble Extension 6".
Part No. 02-1050, Ratchet Repair Kit for #02-1060.

3/8" DRIVE EXTENSION BAR SETS

Carbon Steel Construction
Part No. 02-1094, 3 Piece Extension Bar Set 18", 24", 30".
Part No. 02-1095, 4 Piece Extension Bar Set 3", 6", 9", 12".

1/2" Drive Ratchets, Accessories & Sockets

1/2" DRIVE OPEN STOCK SOCKETS - 6 Point

REGULAR PART NO.	DEEP PART NO.	S.A.E.
03-1212	03-1312	3/8"
03-1214	03-1314	7/16"
03-1216	03-1316	1/2"
03-1218	03-1318	9/16"
03-1319		19/32"
03-1220	03-1320	5/8"
03-1222	03-1322	11/16"
03-1224	03-1324	3/4"
03-1226	03-1326	13/16"
03-1228	03-1328	7/8"
03-1230	03-1330	15/16"
03-1232	03-1332	1"
03-1234	03-1334	1-1/16"
03-1236	03-1336	1-1/8"
03-1238	03-1338	1-3/16"
03-1240	03-1340	1-1/4"

REGULAR PART NO.	DEEP PART NO.	METRIC
03-2210	03-2310	10 mm
03-2211	03-2311	11 mm
03-2212	03-2312	12 mm
03-2213	03-2313	13 mm
03-2214	03-2314	14 mm
03-2215	03-2315	15 mm
03-2216	03-2316	16 mm
03-2217	03-2317	17 mm
03-2218	03-2318	18 mm
03-2219	03-2319	19 mm
03-2220	03-2320	20 mm
03-2221	03-2321	21 mm
03-2222	03-2322	22 mm
03-2223	03-2323	23 mm
03-2224	03-2324	24 mm
03-2225	03-2325	25 mm
03-2226	03-2326	26 mm
03-2227	03-2327	27 mm
03-2228		28 mm
03-2229		29 mm
03-2230		30 mm
03-2231		31 mm
03-2232		32 mm

1/2" DRIVE OPEN STOCK SOCKETS - 12 Point

REGULAR PART NO.	S.A.E.
03-1612	3/8"
03-1614	7/16"
03-1616	1/2"
03-1618	9/16"
03-1620	5/8"
03-1622	11/16"
03-1624	3/4"
03-1626	13/16"
03-1628	7/8"
03-1630	15/16"
03-1632	1"
03-1634	1-1/16"
03-1636	1-1/8"
03-1638	1-3/16"
03-1640	1-1/4"

REGULAR PART NO.	METRIC
03-2610	10 mm
03-2611	11 mm
03-2612	12 mm
03-2613	13 mm
03-2614	14 mm
03-2615	15 mm
03-2616	16 mm
03-2617	17 mm
03-2618	18 mm
03-2619	19 mm
03-2620	20 mm
03-2621	21 mm
03-2622	22 mm
03-2623	23 mm
03-2624	24 mm

1/2" DRIVE SPARK PLUG SOCKETS

Part No. 03-1120, 5/8".
Part No. 03-1126, 13/16".
Part No. 03-2121, 21 mm.

1/2" DRIVE SOCKET SETS

20 PC. 1/2" DR. SOCKET SET REGULAR - S.A.E.

14 - Regular SAE Sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"
1 - 1/2" Dr. Quick Release Ratchet
1 - Flex Handle 16"
2 - 5" & 10" Extension Bars
1 - Universal Joint
1 - High Impact Case
Part No. 03-8824, 6 Point
Part No. 03-8825, 12 Point

16 PC. 1/2" DR. SOCKET SET REGULAR - S.A.E. - 6 POINT

15 - Regular SAE Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"
1 - Metal Tray
Part No. 03-8818.

12 PC. 1/2" DR. SOCKET SET DEEP - S.A.E. - 6 POINT

11 - Deep SAE Sockets: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8"
1 - Metal Tray
Part No. 03-8811.

19 PC. 1/2" DR. SOCKET SET REGULAR - METRIC - 6 POINT

13 - Regular Metric Sockets: 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm
1 - 1/2" Dr. Quick Release Ratchet
1 - Flex Handle 16"
2 - 5" & 10" Extension Bars
1 - Universal Joint
1 - High Impact Case
Part No. 03-8821.

16 PC. 1/2" DR. SOCKET SET REGULAR - METRIC - 6 POINT

15 - Regular Metric Sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm
1 - Metal Tray
Part No. 03-8817.

12 PC. 1/2" DR. SOCKET SET DEEP - METRIC - 6 POINT

11 - Deep Metric Sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm
1 - Metal Tray
Part No. 03-8810.

1/2" Drive Ratchets, Accessories & Sockets

1/2" DRIVE EXTENSION BAR SETS

Carbon Steel Construction
Part No. 03-1094, 3 Piece Extension Bar Set 18", 24", 30".
Part No. 03-1095, 4 Piece Extension Bar Set 3", 6", 9", 12"

1/2" DRIVE RATCHETS & ACCESSORIES

Part No. 03-1060, 1/2" Dr. Quick Release Ratchet, 48 teeth allows for precision fastening and high torque. Advanced single pawl ratcheting system for the strongest possible gearing mechanism and smoother torque.
Part No. 03-1003, Extension Bar 3".
Part No. 03-1005, Extension Bar 5".
Part No. 03-1010, Extension Bar 10".
Part No. 03-1020, Extension Bar 20".
Part No. 03-1030, Flex Handle 16".
Part No. 03-1031, Extra Long Flex Bar 24".
Part No. 03-1034, Sliding "T" Bar.
Part No. 03-1035, Universal Joint.
Part No. 03-1036, Adapter 1/2"F x 3/4" M.
Part No. 03-1037, Adapter 1/2" F x 3/8" M.
Part No. 03-1039, Speeder Handle.
Part No. 03-1040, Socket Holder Rail Clip 1/2" Dr.
Part No. 03-1041, 3 Pc. Socket Holder Rail Clip Set 1/4", 3/8", 1/2".
Part No. 03-1050, Ratchet Repair Kit for #03-1060.

3/4" Drive Ratchets, Accessories & Sockets

3/4" DRIVE SOCKET SETS

22 PC. 3/4" DR. SOCKET SET REGULAR - S.A.E. - 12 POINT

16 - Regular SAE Sockets: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-3/4", 1-13/16", 1-7/8", 2"
1 - 3/4" Dr. Quick Release Ratchet
1 - Sliding "T" Bar 18"
3 - 4", 8" & 16" Extension Bars
1 - High Impact Case
Part No. 04-8816.

5 PC. 3/8", 1/2", & 3/4" DR. SOCKET ADAPTER SET

Sizes:
•3/8" F x 1/4" M
•3/8" F x 1/2" M
•1/2" F x 3/8" M
•1/2" F x 3/4" M
•3/4" F x 1/2" M
Part No. 04-1042.

17 PC. 3/4" DR. SOCKET SET REGULAR - S.A.E. - 12 POINT

16 - Regular SAE Sockets: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-3/4", 1-13/16", 1-7/8", 2"
1 - Metal Case
Part No. 04-8809.

17 PC. 3/4" DR. SOCKET SET REGULAR - METRIC - 12 POINT

16 - Regular Metric Sockets: 22 mm, 23 mm, 24 mm, 25 mm, 26 mm, 27 mm, 29 mm, 30 mm, 32 mm, 34 mm, 35 mm, 36 mm, 38 mm, 41 mm, 46 mm, 50 mm
1 - Metal Case
Part No. 04-8810.

3/4" DRIVE OPEN STOCK SOCKETS - 12 Point

REGULAR PART NO.	S.A.E.
04-1624	3/4"
04-1626	13/16"
04-1628	7/8"
04-1630	15/16"
04-1632	1"
04-1634	1-1/16"
04-1636	1-1/8"
04-1638	1-3/16"
04-1640	1-1/4"
04-1642	1-5/16"
04-1644	1-3/8"
04-1646	1-7/16"
04-1648	1-1/2"
04-1652	1-5/8"
04-1654	1-11/16"
04-1656	1-3/4"
04-1658	1-13/16"
04-1660	1-7/8"
04-1664	2"
04-1670	2-3/16"
04-1672	2-1/4"
04-1676	2-3/8"
04-1680	2-1/2"

REGULAR PART NO.	METRIC
04-2619	19 mm
04-2621	21 mm
04-2622	22 mm
04-2623	23 mm
04-2624	24 mm
04-2625	25 mm
04-2626	26 mm
04-2627	27 mm
04-2628	28 mm
04-2629	29 mm
04-2630	30 mm
04-2632	32 mm
04-2633	33 mm
04-2634	34 mm
04-2635	35 mm
04-2636	36 mm
04-2638	38 mm
04-2641	41 mm
04-2646	46 mm
04-2650	50 mm
04-2654	54 mm
04-2655	55 mm
04-2658	58 mm
04-2660	60 mm

3/4" DRIVE RATCHETS & ACCESSORIES

Part No. 04-1060, 3/4" Dr. Quick Release Ratchet - 24 teeth.
Part No. 04-1004, Extension Bar 4".
Part No. 04-1008, Extension Bar 8".
Part No. 04-1016, Extension Bar 16".
Part No. 04-1030, Flex Handle 19".
Part No. 04-1034, Sliding "T" Bar 18".
Part No. 04-1035, Universal Joint.
Part No. 04-1036, Adapter 3/4" F x 1" M.
Part No. 04-1037, Adapter 3/4" F x 1/2" M.
Part No. 04-1050, Ratchet Repair Kit for #04-1060.

1" Drive Ratchets, Accessories & Sockets

1" DRIVE OPEN STOCK SOCKETS - 12 Point

REGULAR PART NO.	S.A.E.
05-1646	1-7/16"
05-1648	1-1/2"
05-1652	1-5/8"
05-1656	1-3/4"
05-1658	1-13/16"
05-1660	1-7/8"
05-1664	2"
05-1670	2-3/16"
05-1672	2-1/4"
05-1676	2-3/8"
05-1680	2-1/2"

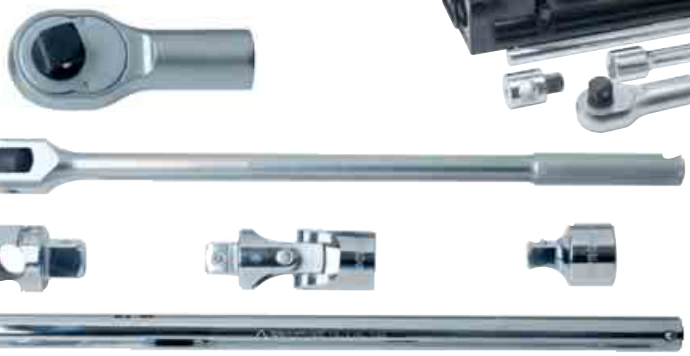
1" DRIVE SOCKET SETS

17 PC. 1" DR. SOCKET SET
REGULAR - S.A.E. - 12 POINT

11 - Regular SAE Sockets: 1-7/16", 1-1/2", 1-5/8", 1-3/4", 1-13/16", 1-7/8", 2", 2-3/16", 2-1/4", 2-3/8", 2-1/2"
1 - Ratchet Head - 1" Dr.
1 - "T" Bar Head
2 - 8" & 16" Extension Bars
1 - 22" Bar for Ratchet Head & T-Bar Head
1 - Metal Case
Part No. 05-8817.

1" DRIVE RATCHETS & ACCESSORIES

Part No. 05-1060, 1" Dr. Quick Release Ratchet Head - 24 teeth.
Part No. 05-1034, T-Bar Head.
Part No. 05-1008, Extension Bar 8".
Part No. 05-1016, Extension Bar 16".
Part No. 05-1022, 22" Bar for Ratchet Head & T-Bar Head.
Part No. 05-1030, Flex Handle 26".
Part No. 05-1035, Universal Joint.
Part No. 05-1037, Adapter 1" F x 3/4" M.
Part No. 05-1050, Ratchet Repair Kit for #05-1060.



3/8" Drive Impact Sockets & Accessories

3/8" DRIVE OPEN STOCK IMPACT SOCKETS - 6 Point

REGULAR PART NO.	DEEP PART NO.	S.A.E.
02-5210	02-5310	5/16"
02-5212	02-5312	3/8"
02-5214	02-5314	7/16"
02-5216	02-5316	1/2"
02-5218	02-5318	9/16"
02-5220	02-5320	5/8"
02-5222	02-5322	11/16"
02-5224	02-5324	3/4"
02-5226	02-5326	13/16"

REGULAR PART NO.	DEEP PART NO.	METRIC
02-6208	02-6308	8 mm
02-6209	02-6309	9 mm
02-6210	02-6310	10 mm
02-6211	02-6311	11 mm
02-6212	02-6312	12 mm
02-6213	02-6313	13 mm
02-6214	02-6314	14 mm
02-6215	02-6315	15 mm
02-6216	02-6316	16 mm
02-6217	02-6317	17 mm
02-6218	02-6318	18 mm
02-6219	02-6319	19 mm

3/8" DRIVE IMPACT SOCKET SETS

10 PC. 3/8" DR. IMPACT SOCKET SET
S.A.E. - 6 POINT

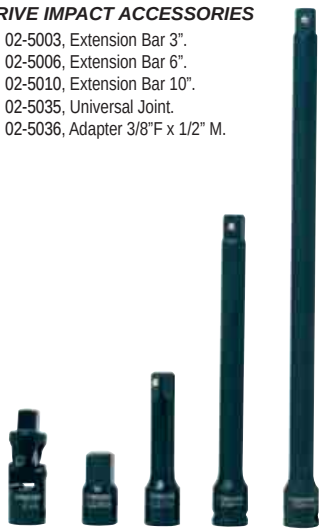
9 - SAE Impact Sockets: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"
Part No. 02-9914, Regular Sockets, in Metal Tray.
Part No. 02-9915, Deep Sockets in Metal Case.

13 PC. 3/8" DR. IMPACT SOCKET SET
METRIC - 6 POINT

12 - Metric Impact Sockets: 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm
Part No. 02-9920, Regular Sockets, in Metal Tray.
Part No. 02-9921, Deep Sockets, in Metal Case.

3/8" DRIVE IMPACT ACCESSORIES

Part No. 02-5003, Extension Bar 3".
Part No. 02-5006, Extension Bar 6".
Part No. 02-5010, Extension Bar 10".
Part No. 02-5035, Universal Joint.
Part No. 02-5036, Adapter 3/8"F x 1/2" M.



1/2" Drive Impact Socket & Accessories

1/2" DRIVE AXLE NUT SOCKETS

Part No. 03-7106, 30 mm.
Part No. 03-7108, 32 mm.
Part No. 03-7110, 34 mm.
Part No. 03-7112, 36 mm.
Part No. 03-7114, 38 mm.

1/2" DRIVE OPEN STOCK IMPACT SOCKETS - 6 Point

REGULAR PART NO.	DEEP PART NO.	S.A.E.
03-5212	03-5312	3/8"
03-5214	03-5314	7/16"
03-5216	03-5316	1/2"
03-5218	03-5318	9/16"
03-5220	03-5320	5/8"
03-5222	03-5322	11/16"
03-5224	03-5324	3/4"
03-5226	03-5326	13/16"
03-5228	03-5328	7/8"
03-5230	03-5330	15/16"
03-5232	03-5332	1"
03-5234	03-5334	1-1/16"
03-5236	03-5336	1-1/8"
03-5238	03-5338	1-3/16"
03-5240	03-5340	1-1/4"
03-5242	03-5342	1-5/16"
	03-5344	1-3/8"
	03-5346	1-7/16"
	03-5348	1-1/2"

REGULAR PART NO.	DEEP PART NO.	METRIC
03-6209	03-6309	9 mm
03-6210	03-6310	10 mm
03-6211	03-6311	11 mm
03-6212	03-6312	12 mm
03-6213	03-6313	13 mm
03-6214	03-6314	14 mm
03-6215	03-6315	15 mm
03-6216	03-6316	16 mm
03-6217	03-6317	17 mm
03-6218	03-6318	18 mm
03-6219	03-6319	19 mm
03-6220	03-6320	20 mm
03-6221	03-6321	21 mm
03-6222	03-6322	22 mm
03-6223	03-6323	23 mm
03-6224	03-6324	24 mm
03-6225	03-6325	25 mm
03-6226	03-6326	26 mm
03-6227	03-6327	27 mm
03-6228	03-6328	28 mm
03-6229	03-6329	29 mm
03-6230	03-6330	30 mm
03-6231	03-6331	31 mm
03-6232	03-6332	32 mm
03-6233	03-6333	33 mm
03-6234	03-6334	34 mm
03-6235	03-6335	35 mm
03-6236	03-6336	36 mm

PROCORE™

1/2" DRIVE IMPACT SOCKET SETS

16 PC. 1/2" DR. IMPACT SOCKET SET S.A.E. - 6 POINT

15 - SAE Impact Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"
1 - Metal Case
Part No. 03-9919, Regular Sockets.
Part No. 03-9918, Deep Sockets.

17 PC. 1/2" DR. IMPACT SOCKET SET METRIC - 6 POINT

16 - Metric Impact Sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm, 26 mm
1 - Metal Case
Part No. 03-9920, Regular Sockets.
Part No. 03-9921, Deep Sockets.

1/2" DRIVE IMPACT ACCESSORIES

Part No. 03-5003, Extension Bar 3".
Part No. 03-5005, Extension Bar 5".
Part No. 03-5010, Extension Bar 10".
Part No. 03-5035, Universal Joint.
Part No. 03-5036, Adapter 1/2"F x 3/4" M.
Part No. 03-5037, Adapter 1/2"F x 3/8" M.

3/4" Drive Impact Socket & Accessories

3/4" DRIVE OPEN STOCK IMPACT SOCKETS - 6 Point

REGULAR PART NO.	DEEP PART NO.	S.A.E.
04-5224	04-5324	3/4"
04-5226	04-5326	13/16"
04-5228	04-5328	7/8"
04-5230	04-5330	15/16"
04-5232	04-5332	1"
04-5234	04-5334	1-1/16"
04-5236	04-5336	1-1/8"
04-5238	04-5338	1-3/16"
04-5240	04-5340	1-1/4"
04-5242	04-5342	1-5/16"
04-5244	04-5344	1-3/8"
04-5246	04-5346	1-7/16"
04-5248	04-5348	1-1/2"
04-5250	04-5350	1-9/16"
04-5252	04-5352	1-5/8"
04-5254	04-5354	1-11/16"
04-5256	04-5356	1-3/4"
04-5258	04-5358	1-13/16"
04-5260	04-5360	1-7/8"
04-5264	04-5364	2"
04-5268		2-1/8"
04-5270		2-3/16"
04-5272		2-1/4"
04-5276		2-3/8"

DEEP PART NO.	METRIC
04-6317	17 mm
04-6318	18 mm
04-6319	19 mm
04-6320	20 mm
04-6321	21 mm
04-6322	22 mm
04-6323	23 mm
04-6324	24 mm
04-6325	25 mm
04-6326	26 mm
04-6327	27 mm
04-6328	28 mm
04-6329	29 mm
04-6330	30 mm
04-6331	31 mm
04-6332	32 mm
04-6333	33 mm
04-6334	34 mm
04-6335	35 mm
04-6336	36 mm

3/4" DRIVE IMPACT SOCKET SETS

17 PC. 3/4" DR. IMPACT SOCKET SET REGULAR S.A.E. - 6 POINT

16 - Regular SAE Impact Sockets: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-3/4", 1-13/16", 1-7/8", 2"
1 - Metal Case
Part No. 04-9915.

9 PC. 3/4" DR. IMPACT SOCKET SET REGULAR S.A.E. - 6 POINT

8 - Regular SAE Impact Sockets: 7/8", 15/16", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-7/16", 1-1/2"
1 - Metal Case
Part No. 04-9906.

9 PC. 3/4" DR. IMPACT SOCKET SET DEEP S.A.E. - 6 POINT

8 - Deep SAE Impact Sockets: 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2"
1 - Metal Case
Part No. 04-9907.

3/4" DRIVE IMPACT ACCESSORIES

Part No. 04-5004, Extension Bar 4"
Part No. 04-5007, Extension Bar 7"
Part No. 04-5010, Extension Bar 10"
Part No. 04-5035, Universal Joint
Part No. 04-5036, Adapter 3/4"F x 1" M
Part No. 04-5037, Adapter 3/4"F x 1/2" M
Part No. 04-5050, O-Ring and Retaining Pin Set - for 17-49 mm or 11/16"- 1-15/16"
Part No. 04-5051, O-Ring and Retaining Pin Set - for 50-70 mm or 2"- 2-3/4"

1" Drive Impact Sockets & Accessories

1" DRIVE OPEN STOCK IMPACT SOCKETS - 6 Point

REGULAR PART NO.	DEEP PART NO.	S.A.E.
05-5224	05-5324	3/4"
05-5226	05-5326	13/16"
05-5228	05-5328	7/8"
05-5230	05-5330	15/16"
05-5232	05-5332	1"
05-5234	05-5334	1-1/16"
05-5236	05-5336	1-1/8"
05-5238	05-5338	1-3/16"
05-5240	05-5340	1-1/4"
05-5242	05-5342	1-5/16"
05-5244	05-5344	1-3/8"
05-5246	05-5346	1-7/16"
05-5248	05-5348	1-1/2"
05-5250	05-5350	1-9/16"
05-5252	05-5352	1-5/8"
05-5254	05-5354	1-11/16"
05-5256	05-5356	1-3/4"
05-5258	05-5358	1-13/16"
05-5260	05-5360	1-7/8"
05-5264	05-5364	2"
05-5268	05-5368	2-1/8"
05-5270	05-5370	2-3/16"
05-5272	05-5372	2-1/4"
05-5276	05-5376	2-3/8"
05-5280	05-5380	2-1/2"
05-5284	05-5384	2-5/8"
05-5288	05-5388	2-3/4"

DEEP PART NO.	METRIC
05-6222	22 mm
05-6224	24 mm
05-6225	25 mm
05-6228	28 mm
05-6230	30 mm
05-6232	32 mm
05-6233	33 mm
05-6234	34 mm
05-6236	36 mm

1" DRIVE BUDD WHEEL SOCKETS

Part No. 05-7555, 35 mm
Part No. 05-7558, 38 mm
Part No. 05-7560, 41 mm
Part No. 05-7550, 1-1/2 x 13/16"

1" DRIVE IMPACT ACCESSORIES

Part No. 05-5004, Extension Bar 4"
Part No. 05-5007, Extension Bar 7"
Part No. 05-5010, Extension Bar 10"
Part No. 05-5013, Extension Bar 13"
Part No. 05-5035, Universal Joint
Part No. 05-5036, Adapter 1"F x 1-1/2" M
Part No.05-5037, Adapter 1"F x 3/4" M
Part No. 05-5050, O-Ring and Retaining Pin Set - for 17-70 mm or 11/16"- 2-3/4"

7 PC. 1" DR. IMPACT SOCKET SET REGULAR S.A.E. - 6 POINT

6 - Regular SAE Impact Sockets: 1-1/8", 1-1/4", 1-5/16", 1-1/2", 1-5/8", 1-7/8"
1 - Metal Case
Part No. 05-9907.

JUMBO COMBINATION WRENCHES OPEN STOCK

PART NO.	S.A.E.
17-0342	1-5/16”
17-0344	1-3/8”
17-0346	1-7/16”
17-0348	1-1/2”
17-0352	1-5/8”
17-0356	1-3/4”
17-0358	1-13/16”
17-0360	1-7/8”
17-0364	2”
17-0368	2-1/8”
17-0372	2-1/4”
17-0376	2-3/8”
17-0380	2-1/2”

COMBINATION WRENCHES OPEN STOCK

- Chrome Vanadium Steel

PART NO.	S.A.E.	PART NO.	METRIC
17-0108	1/4”	**17-0206**	6 mm
17-0110	5/16”	**17-0207**	7 mm
17-0112	3/8”	**17-0208**	8 mm
17-0114	7/16”	**17-0209**	9 mm
17-0116	1/2”	**17-0210**	10 mm
17-0118	9/16”	**17-0211**	11 mm
17-0120	5/8”	**17-0212**	12 mm
17-0122	11/16”	**17-0213**	13 mm
17-0124	3/4”	**17-0214**	14 mm
17-0126	13/16”	**17-0215**	15 mm
17-0128	7/8”	**17-0216**	16 mm
17-0130	15/16”	**17-0217**	17 mm
17-0132	1”	**17-0218**	18 mm
17-0134	1-1/16”	**17-0219**	19 mm
17-0136	1-1/8”	**17-0220**	20 mm
17-0140	1-1/4”	**17-0221**	21 mm
		17-0222	22 mm
		17-0223	23 mm
		17-0224	24 mm
		17-0225	25 mm
		17-0226	26 mm
		17-0227	27 mm
		17-0228	28 mm
		17-0229	29 mm
		17-0230	30 mm
		17-0232	32 mm

FULLY POLISHED COMBINATION WRENCHES OPEN STOCK

Mirror finished Chrome Vanadium steel for maximum strength, durability, aesthetics and corrosion resistance

PART NO.	S.A.E.	PART NO.	METRIC
17-0508	1/4”	**17-0606**	6 mm
17-0510	5/16”	**17-0607**	7 mm
17-0512	3/8”	**17-0608**	8 mm
17-0514	7/16”	**17-0609**	9 mm
17-0516	1/2”	**17-0610**	10 mm
17-0518	9/16”	**17-0611**	11 mm
17-0520	5/8”	**17-0612**	12 mm
17-0522	11/16”	**17-0613**	13 mm
17-0524	3/4”	**17-0614**	14mm
17-0526	13/16”	**17-0615**	15 m
17-0528	7/8”	**17-0616**	16 mm
17-0530	15/16”	**17-0617**	17 mm
17-0532	1”	**17-0618**	18 mm
17-0534	1-1/16”	**17-0619**	19 mm
17-0536	1-1/8”	**17-0620**	20 mm
17-0540	1-1/4”	**17-0621**	21 mm
		17-0622	22 mm
		17-0623	23 mm
		17-0624	24 mm
		17-0625	25 mm
		17-0626	26 mm
		17-0627	27 mm
		17-0628	28 mm
		17-0629	29 mm
		17-0630	30 mm
		17-0632	32 mm

11 PC. COMBINATION WRENCH SET, S.A.E.

Includes Sizes: 3/8”, 7/16”, 1/2”, 9/16”, 5/8”, 11/16”, 3/4”, 13/16”, 7/8”, 15/16”, 1”, canvas pouch.

Part No. 17-9011

11 PC. FULLY POLISHED COMBINATION WRENCH SET, S.A.E.

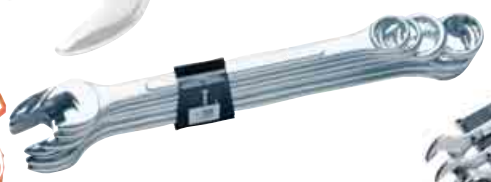
Includes Sizes: 5/16”, 3/8”, 7/16”, 1/2”, 9/16”, 5/8”, 11/16”, 3/4”, 13/16”, 7/8”, 15/16”, canvas pouch.

Part No. 17-9051.

6 PC. JUMBO COMBINATION WRENCH SET, S.A.E.

Includes Sizes: 1-3/8”, 1-1/2”, 1-5/8”, 1-3/4”, 1-7/8”, 2”, with metal clip.

Part No. 17-9006



WRENCH RACKS

(Wrenches not included.)

Part No. 17-0003, Holds 12 wrenches, 1/4” - 3/4” (7 mm - 19 mm).

Part No. 17-0004, Holds 15 wrenches, 1/4” - 1” (7 mm - 26

14 PC. COMBINATION WRENCH SET, METRIC

Includes Sizes: 6 mm, 7 mm, 8 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm , 16 mm, 17 mm, 18 mm, 19 mm, 21 mm, canvas pouch.

Part No. 17-9114.

Part No. 17-9154, Fully Polished.

14 PC. COMBINATION WRENCH SET, S.A.E.

Includes Sizes: 3/8”, 7/16”, 1/2”, 9/16”, 5/8”, 11/16”, 3/4”, 13/16”, 7/8”, 15/16”, 1”, 1-1/16”, 1-1/8”, 1-1/4”, canvas pouch.

Part No. 17-9014.

Part No. 17-9054, Fully Polished.

11 PC. COMBINATION WRENCH SET, METRIC

Includes Sizes: 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 17 mm, 18 mm, 19 mm, canvas pouch.

Part No. 17-9111.

Part No. 17-9151, Fully Polished.

Wrenches

FLARE NUT WRENCHES OPEN STOCK
Chrome Vanadium Steel. Mirror polished chrome.

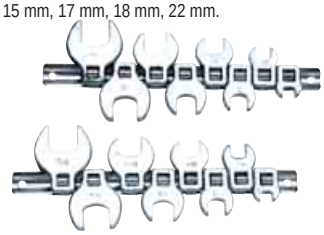
PART NO.	SIZE
17-0712	3/8" x 7/16"
17-0716	1/2" x 9/16"
17-0720	5/8" x 11/16"
17-0810	10 mm x 11 mm
17-0812	12 mm x 13 mm
17-0815	15 mm x 17 mm

3 PC. FLARE NUT WRENCH SETS
Chrome Vanadium Steel. Mirror polished chrome.

Flare Nut Wrench Set - S.A.E.
Includes Sizes: 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16", canvas pouch.
Part No. 17-9201.

Flare Nut Wrench Set - Metric
Includes Sizes: 10 mm x 11 mm, 12 mm x 13 mm, 15 mm x 17 mm, canvas pouch.
Part No. 17-9202.

8 Pc. 3/8" DRIVE CROWFOOT WRENCH SETS w/ STORAGE RAIL
Part No. 17-9306, *S.A.E.* Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8".
Part No. 17-9307, *Metric* Sizes: 10 mm, 11 mm, 13 mm, 14 mm, 15 mm, 17 mm, 18 mm, 22 mm.



OFFSET STRIKING FACE WRENCHES
•High carbon alloy steel •Rust resistant black finish
•45° offset head

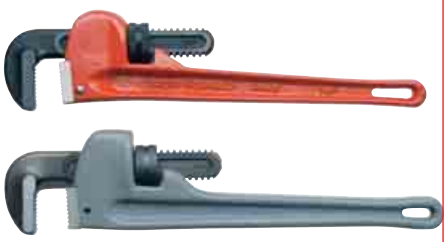
PART NO.	SIZE	LENGTH
17-1534	1-1/16"	10-5/8"
17-1536	1-1/8"	10-5/8"
17-1540	1-1/4"	11"
17-1542	1-5/16"	11-3/8"
17-1546	1-7/16"	11-3/4"
17-1548	1-1/2"	11-3/4"
17-1552	1-5/8"	12-5/8"
17-1554	1-11/16"	13-3/8"
17-1556	1-3/4"	13-3/8"
17-1558	1-13/16"	13-3/8"
17-1560	1-7/8"	13-3/8"
17-1562	1-15/16"	13-3/4"
17-1564	2"	13-3/4"
17-1568	2-1/8"	14-1/8"
17-1570	2-3/16"	14-1/8"
17-1572	2-1/4"	14-3/4"
17-1574	2-5/16"	14-3/4"
17-1576	2-3/8"	14-3/4"
17-1580	2-1/2"	15-3/8"
17-1582	2-9/16"	15-3/8"
17-1584	2-5/8"	15-3/8"
17-1588	2-3/4"	15-3/4"
17-1594	2-15/16"	16-1/2"
17-1596	3"	16-1/2"
17-1597	3-1/8"	17-1/4"

PIPE WRENCHES
STEEL Drop forged carbon steel. Precision jaw.

PART NO.	SIZE
17-3508	8"
17-3510	10"
17-3512	12"
17-3514	14"
17-3518	18"
17-3524	24"
17-3536	36"
17-3548	48"

ALUMINUM Nearly 40% lighter than steel yet built for heavy duty use.

PART NO.	SIZE
17-3614	14"
17-3618	18"
17-3624	24"
17-3636	36"



REPLACEMENT PARTS FOR PIPE WRENCHES

HOOK JAW PART NO.	HEEL JAW PART NO.	KNURL PART NO.	SPRING & PIN PART NO.	SIZE
17-3703	17-3723	17-3743	17-3763	8"
17-3705	17-3725	17-3745	17-3765	10"
17-3707	17-3727	17-3747	17-3767	12"
17-3709	17-3729	17-3749	17-3769	14"
17-3711	17-3731	17-3751	17-3771	18"
17-3713	17-3733	17-3753	17-3773	24"
17-3715	17-3735	17-3755	17-3775	36"
17-3717	17-3737	17-3757	17-3777	48"

STRAP WRENCH
Part No. 17-4501, Strap wrench with 36" strap.
Part No. 17-4510, 36" replacement strap.

CHAIN WRENCH
Part No. 17-4701, 16-1/2" length, 4" capacity.
Part No. 17-4710, 18" replacement chain.

INDUSTRIAL ADJUSTABLE WRENCHES
Chrome Vanadium Steel. Hot forged handle and jaw. Larger than standard jaw opening.

PART NO.	LENGTH	OPENING
17-2004	4"	9/16"
17-2006	6"	3/4"
17-2008	8"	1"
17-2010	10"	1-1/4"
17-2012	12"	1-7/16"
17-2015	15"	1-3/4"
17-2018	18"	2-1/8"
17-2024	24"	2-11/16"

REPLACEMENT PARTS FOR ADJUSTABLE WRENCHES

JAW PART NO.	KNURL PART NO.	SPRING & PIN PART NO.	SIZE
17-2118	17-2138	17-2158	4"
17-2120	17-2140	17-2160	6"
17-2122	17-2142	17-2162	8"
17-2124	17-2144	17-2164	10"
17-2126	17-2146	17-2166	12"
17-2128	17-2148	17-2168	15"
17-2130	17-2150	17-2170	18"
17-2132	17-2152	17-2172	24"

"TIGER GRIP" ADJUSTABLE WRENCHES
The unique functioning jaw design precisely grips the flat facets of the fastener while avoiding and protecting the corners of the nuts. Our "Sure Grip" feature also reduces slippage that can damage fasteners. Standard adjustable wrenches are not as precise and therefore must grip all areas of the fastener which leads to stripping and deformation of hardware.
Part No. 17-2410, 10".
Part No. 17-2412, 12".

Geometric "Less Weight, Stronger Handle Design" reduces 10% of the overall weight of the tool. Comfort "Tiger Grip" incorporates a new ergonomically designed handle that provides a comfortable hand fit and a durable grip.

18% to 25% wider jaw opening increases the useful range of fastener sizes and gives the advantages of economy, convenience and lighter weight

PROCORE

NON-SLIP RATCHETING COMBINATION WRENCHES

•Made of high quality chrome vanadium steel using a special heat treatment process that allows for thin walls while still maximizing strength 72-teeth ratcheting system provides high torque •5 degrees of operation in tight areas •The "Non-Slip" design on the open end allows for removal of damaged nuts and bolts even 50% - 70% rounded off.

STUBBY NON-SLIP RATCHETING COMBINATION WRENCHES

The perfect tool for those hard to access areas. The Stubby Non-Slip Ratcheting Wrench is ideal for places where no other wrench will work.

PART NO.	S.A.E.	PART NO.	METRIC
17-6210	5/16"	**17-6308**	8 mm
17-6212	3/8"	**17-6309**	9 mm
17-6214	7/16"	**17-6310**	10 mm
17-6216	1/2"	**17-6311**	11 mm
17-6218	9/16"	**17-6312**	12 mm
17-6220	5/8"	**17-6313**	13 mm
17-6222	11/16"	**17-6314**	14 mm
17-6224	3/4"	**17-6315**	15 mm
		17-6316	16 mm
		17-6317	17 mm
		17-6318	18 mm
		17-6319	19 mm

REVERSIBLE NON-SLIP RATCHETING COMBINATION WRENCHES

The Reversible Non-Slip Ratcheting Combination Wrench has an easy to use push button ratchet reverse system. This enables the user to switch direction while still engaged on the bolt or nut, and eliminates slippage caused by lever systems. The 15° offset design enables you to countersink bolts and clear obstacles.

PART NO.	S.A.E.	PART NO.	METRIC
17-6010	5/16"	**17-6108**	8 mm
17-6012	3/8"	**17-6109**	9 mm
17-6014	7/16"	**17-6110**	10 mm
17-6016	1/2"	**17-6111**	11 mm
17-6018	9/16"	**17-6112**	12 mm
17-6020	5/8"	**17-6113**	13 mm
17-6022	11/16"	**17-6114**	14 mm
17-6024	3/4"	**17-6115**	15 mm
17-6026	13/16"	**17-6116**	16 mm
17-6028	7/8"	**17-6117**	17 mm
17-6030	15/16"	**17-6118**	18 mm
		17-6119	19 mm
		17-6121	21 mm
		17-6122	22 mm
		17-6124	24 mm

ERGONOMIC RATCHETING COMBINATION WRENCHES

This unique tool incorporates both SAE and Metric sizes into one wrench. Ergonomic design increases torque and reduces hand fatigue.

PART NO.	S.A.E.	METRIC
17-6410	5/16"	8 mm
17-6412	3/8"	10 mm
17-6414	7/16"	11 mm
17-6416	1/2"	13 mm
17-6418	9/16"	14 mm
17-6420	5/8"	16 mm
17-6422	11/16"	17 mm
17-6424	3/4"	19 mm

REVERSIBLE NON-SLIP RATCHETING COMBINATION WRENCH SETS

8 PC. NON-SLIP RATCHETING COMBINATION WRENCH SET - S.A.E.

Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", canvas pouch.
Part No. 17-9508.

12 PC. NON-SLIP RATCHETING COMBINATION WRENCH SET - METRIC

Sizes: 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, canvas pouch.
Part No. 17-9512.

7 PC. STUBBY NON-SLIP RATCHETING COMBINATION WRENCH SETS

S.A.E. Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", wrench rack.
Part No. 17-9507.

Metric Sizes: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 17 mm, 19 mm, wrench rack.
Part No. 17-9506.

8 PC. ERGONOMIC NON-SLIP RATCHETING COMBINATION WRENCH SET

Incorporates both S.A.E and Metric sizes in the same wrench. Sizes: 5/16" / 8 mm, 3/8" / 10 mm, 7/16" / 11 mm, 1/2" / 13 mm, 9/16" / 14 mm, 5/8" / 16 mm, 11/16" / 17 mm, 3/4" / 19 mm, wrench rack.
Part No. 17-9509.

TORQUE WRENCHES

Reversible Ratchet •Micrometer measures inch-lbs. and cm-kgs. •High impact case.
Part No. 17-7040, 1/4" dr. 20-200 in. lb. range.

Reversible Ratchet •Micrometer measures ft.-lbs. and meter-kgs. •High impact case.
Part No. 17-7001, 3/8" dr. 10-80 ft. lb. range.
Part No. 17-7010, 1/2" dr. 10-150 ft. lb. range.
Part No. 17-7020, 3/4" dr. Heavy Duty 25-250 ft. lb. range.
Part No. 17-7050, 3/4" dr. Heavy Duty 100-600 ft. lb. range.

Needle Type Torque Wrench •Micrometer measures ft.-lbs. and meter-kgs.
Part No. 17-7030, 3/8" dr. and 1/2" dr. 0-150 ft. lb. range.

Screwdrivers

POWER GRIP SCREWDRIVERS
•Industrial grade with an ergonomically designed handle for maximum torque and minimum hand fatigue.

SLOTTED Screwdrivers
•Hex bolster and magnetic tips

PART NO.	TIP SIZE	SHAFT LENGTH
10-1202	1/4"	1-1/2"
10-1204	1/4"	4"
10-1206	1/4"	6"
10-1306	5/16"	6"
10-1408	3/8"	8"

SQUARE Screwdrivers
•Magnetic tips

PART NO.	TIP SIZE	SHAFT LENGTH
10-3004	#0	4" yellow
10-3104	#1	4" green
10-3202	#2	1-1/2" red
10-3205	#2	5" red
10-3208	#2	8" red
10-3305	#3	5" black
10-3308	#3	8" black

TORQ Screwdrivers
•Magnetic tips

PART NO.	TIP SIZE	SHAFT LENGTH
10-2104	T10	4"
10-2154	T15	4"
10-2204	T20	4"
10-2254	T25	4"

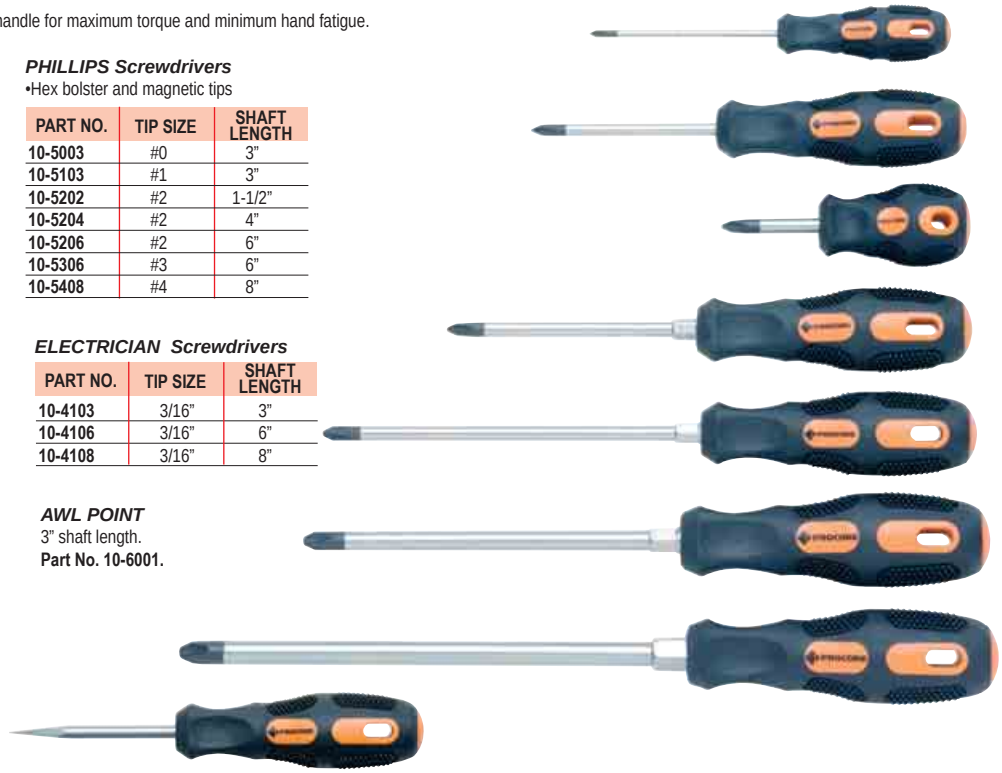
PHILLIPS Screwdrivers
•Hex bolster and magnetic tips

PART NO.	TIP SIZE	SHAFT LENGTH
10-5003	#0	3"
10-5103	#1	3"
10-5202	#2	1-1/2"
10-5204	#2	4"
10-5206	#2	6"
10-5306	#3	6"
10-5408	#4	8"

ELECTRICIAN Screwdrivers

PART NO.	TIP SIZE	SHAFT LENGTH
10-4103	3/16"	3"
10-4106	3/16"	6"
10-4108	3/16"	8"

AWL POINT
3" shaft length.
Part No. 10-6001.



4 PC. SQUARE SCREWDRIVER SET
Includes Tip Sizes: #0 (4" shaft length, yellow handle), #1 (4" shaft length, green handle), #2 (5" shaft length, red handle), #3 (5" shaft length, black handle).
Part No. 10-9904.

8 PC. SCREWDRIVER SET
Includes Tip Sizes; Electricians: 3/16" (3" shaft), 3/16" (6" shaft), Slotted: 1/4" (4" shaft), 5/16" (6" shaft), Phillips: #1 (3" shaft), #2 (4" shaft), Square: #1 (4" shaft, green), #2 (5" shaft, red).
Part No. 10-9908.

18 PC. SCREWDRIVER SET
Includes all the popular sizes for any job in a high impact case.
Includes Tip Sizes; Electricians: 3/16" (3" shaft), 3/16" (6" shaft), 3/16" (8" shaft), Slotted: 1/4" (1-1/2" shaft), 1/4" (4" shaft), 5/16" (6" shaft), 3/8" (8" shaft) Phillips: #0 (3" shaft), #1 (3" shaft), #2 (1-1/2" shaft), #2 (6" shaft), #3 (6" shaft), #4 (8" shaft), Square: #0 (4" shaft, yellow), #1 (4" shaft, green), #2 (1-1/2" shaft, red), #2 (5" shaft, red), #3 (5" shaft, black).
Part No. 10-9918.

45 PC. GEARLESS RATCHETING SCREWDRIVER SET
Includes Tip Sizes; Slotted: 4 mm, 4.5 mm, 5.5 mm, Phillips: #0, #1, #2, #3, Pozi-Drive: #1, #2, #3, Square: #0, #1, #2, #3, Torq: T10, T15, T20, T25, T27, T30, T40, T45, Hex: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 7/32", 1/4", 1.5 mm, 2.0 mm, 2.5 mm, 3.0 mm, 3.5 mm, 4.0 mm, 4.5 mm, 5.0 mm, 5.5 mm, 6.0 mm, 1/4" socket adapter, 2-1/2" extension, screwdriver handle, high impact case.
Part No. 14-9945.

29 PC. GEARLESS RATCHETING SCREWDRIVER BIT SET
Includes Tip Sizes; Slotted: 4 mm, 4.5 mm, 5.5 mm, 6.5 mm, 7 mm, Phillips: #0, #1, #2, #3, Pozi-Drive: #1, #2, Square: #0, #1, #2, #3, Torq: T10, T15, T20, T25, T30, T40, Hex: 5/64", 3/32", 7/64", 1/8", 9/64", 1/4" socket adapter, 2-1/2" extension, magnetic screwdriver handle, high impact case.
Part No. 14-9929.

12-In-1 MULTIPURPOSE SCREWDRIVER
•Includes: 3 Phillips bits (#1, 2, 3), 4 Square bits (#0, 1, 2, 3), 2 Slotted bits, 2 Hex bits, 1 Awl point, Screwdriver handle and Holster.
Part No. 10-6002.

6 pc. PRECISION SCREWDRIVER SET
•Includes: 4 slotted and 2 Phillips in a plastic case.
Part No. 10-9909.

PROCORE

SQUARE POWER BITS

PART NO.	LENGTH	TIP SIZE
14-3100	1”	#0
14-3101	1”	#1
14-3102	1”	#2
14-3103	1”	#3
14-3200	2”	#0
14-3201	2”	#1
14-3202	2”	#2
14-3203	2”	#3
14-3301	3”	#1
14-3302	3”	#2
14-3303	3”	#3
14-3401	4”	#1
14-3402	4”	#2
14-3403	4”	#3
14-3601	6”	#1
14-3602	6”	#2
14-3603	6”	#3

PHILLIPS POWER BITS

PART NO.	LENGTH	TIP SIZE
14-5195	1”	Drywall
14-5100	1”	#0
14-5101	1”	#1
14-5102	1”	#2
14-5103	1”	#3
14-5201	2”	#1
14-5202	2”	#2
14-5203	2”	#3
14-5301	2-3/4”	#1
14-5302	2-3/4”	#2
14-5303	2-3/4”	#3
14-5401	3-3/4”	#1
14-5402	3-3/4”	#2
14-5403	3-3/4”	#3
14-5601	6”	#1
14-5602	6”	#2
14-5603	6”	#3

TORQ POWER BITS

PART NO.	LENGTH	TIP SIZE
14-8107	1”	T7
14-8108	1”	T8
14-8109	1”	T9
14-8110	1”	T10
14-8115	1”	T15
14-8120	1”	T20
14-8125	1”	T25
14-8127	1”	T27
14-8130	1”	T30
14-8140	1”	T40
14-8145	1”	T45
14-8210	2”	T10
14-8215	2”	T15
14-8220	2”	T20
14-8225	2”	T25
14-8230	2”	T30

HEXAGONAL POWER BITS

PART NO.	LENGTH	TIP SIZE
14-6104	1”	1/16”
14-6105	1”	5/64”
14-6106	1”	3/32”
14-6107	1”	7/64”
14-6108	1”	1/8”
14-6109	1”	9/64”
14-6110	1”	5/32”
14-6114	1”	7/32”
14-6116	1”	1/4”
14-7151	1”	1.5 mm
14-7102	1”	2.0 mm
14-7152	1”	2.5 mm
14-7103	1”	3.0 mm
14-7104	1”	4.0 mm
14-7105	1”	5.0 mm
14-7155	1”	5.5 mm
14-7106	1”	6.0 mm

SLOTTED POWER BITS

PART NO.	LENGTH	TIP WIDTH
14-1104	1”	4 mm
14-1154	1”	4.5 mm
14-1155	1”	5.5 mm
14-1156	1”	6.5 mm
14-1107	1”	7 mm

POZI-DRIVE POWER BITS

PART NO.	LENGTH	TIP SIZE
14-2101	1”	#1
14-2102	1”	#2
14-2103	1”	#3
14-2201	2”	#1
14-2202	2”	#2
14-2203	2”	#3

NUTSETTER POWER BIT 1/4” HEX SHANK - MAGNETIC

PART NO.	LENGTH	HEX OPENING
14-4208	1-5/8”	1/4”
14-4210	1-5/8”	5/16”
14-4212	1-3/4”	3/8”
14-4214	1-3/4”	7/16”
14-4308	2-9/16”	1/4”
14-4310	2-9/16”	5/16”
14-4312	2-9/16”	3/8”
14-4314	2-9/16”	7/16”

BIT HOLDER 1/4” HEX SHANK - MAGNETIC

PART NO.	LENGTH	HEX OPENING
14-0001	3”	1/4”

41 PIECE PINK LADIES’ TOOL KIT

-Portable tool kit specially designed for **Ladies.**

Includes:
- Elegant durable nylon and leather carrying case with handles.
- 8 oz. Ergonomic Claw Hammer.
- 16 ft./5 m Tape Measure.
- Ergonmic Reversible and Ratcheting Bit Screwdriver.
- 9” 2 Way level.
- Autolock Utility Knife w/ 9mm Blade (*3 Extra Blades Included.*)
- 6” Needle Nose Pliers with Wire Cutter.
- 6” Ergonomic Grip Slip Joint Pliers.
- 8” Utility Scissors.
- 8” Ergonomic Grip Adjustable Wrench.
- 6 piece Precision Screwdriver Set.
- 22 piece Power Bit Set with holder.

Part No. 18-5999.

NEW!!

PROCORE™

Nutdrivers

PRO STYLE NUT DRIVERS OPEN STOCK

7 PC. NUT DRIVER SETS

S.A.E. Sizes: 3/16” (black), 1/4” (red), 5/16” (amber), 11/32” (green), 3/8” (blue), 7/16” (brown), 1/2” (red).
Part No. 10-9907.

Metric Sizes: 6 mm (black), 7 mm (red), 8 mm (amber), 9 mm (green), 10 mm (blue), 11 mm (brown), 12 mm (red).
Part No. 10-9977.

PART NO.	TIP SIZE	COLOUR
10-7006	3/16”	Black
10-7008	1/4”	Red
10-7010	5/16”	Amber
10-7011	11/32”	Green
10-7012	3/8”	Blue
10-7014	7/16”	Brown
10-7016	1/2”	Red
10-8006	6 mm	Black
10-8007	7 mm	Red
10-8008	8 mm	Amber
10-8009	9 mm	Green
10-8010	10 mm	Blue
10-8011	11 mm	Brown
10-8012	12 mm	Red

Hex Keys

BALL POINT HEX KEYS

PART NO.	SIZE
17-5208	1/8”
17-5210	5/32”
17-5212	3/16”
17-5214	7/32”
17-5216	1/4”
17-5220	5/16”
17-5224	3/8”
17-5352	2.5 mm
17-5303	3 mm
17-5304	4 mm
17-5305	5 mm
17-5306	6 mm
17-5308	8 mm
17-5310	10 mm

LONG-ARM HEX KEYS

PART NO.	S.A.E.	PART NO.	METRIC
17-5004	1/16”	17-5151	1.5 mm
17-5005	5/64”	17-5102	2 mm
17-5006	3/32”	17-5152	2.5 mm
17-5007	7/64”	17-5103	3 mm
17-5008	1/8”	17-5153	3.5 mm
17-5009	9/64”	17-5104	4 mm
17-5010	5/32”	17-5154	4.5 mm
17-5012	3/16”	17-5105	5 mm
17-5014	7/32”	17-5155	5.5 mm
17-5016	1/4”	17-5106	6 mm
17-5020	5/16”	17-5107	7 mm
17-5024	3/8”	17-5108	8 mm
17-5028	7/16”	17-5109	9 mm
17-5032	1/2”	17-5110	10 mm
17-5036	9/16”	17-5112	12 mm
17-5040	5/8”	17-5114	14 mm
17-5048	3/4”	17-5117	17 mm
17-5064	1”	17-5119	19 mm

ERGONOMIC T-HANDLE HEX KEYS

PART NO.	SIZE
17-5405	5/64”
17-5406	3/32”
17-5408	1/8”
17-5410	5/32”
17-5412	3/16”
17-5416	1/4”
17-5420	5/16”
17-5424	3/8”
17-5502	2 mm
17-5552	2.5 mm
17-5503	3 mm
17-5504	4 mm
17-5505	5 mm
17-5506	6 mm
17-5508	8 mm
17-5510	10 mm

25 PC. SAE/METRIC LONG-ARM HEX KEY SET

Handy canvas pouch. SAE Sizes: 1/16”, 5/64”, 3/32”, 7/64”, 1/8”, 9/64”, 5/32”, 3/16”, 7/32”, 1/4”, 5/16”, 3/8”. Metric Sizes: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 4.5 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm.
Part No. 17-9441.

8 PC. ERGONOMIC T-HANDLE HEX KEY SETS

SAE Sizes: 5/64”, 3/32”, 1/8”, 5/32”, 3/16”, 1/4”, 5/16”, 3/8”.
Part No. 17-9420.

Metric Sizes: 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm.
Part No. 17-9421.

7 PC. BALL POINT HEX KEY SETS

SAE Sizes: 1/8”, 5/32”, 3/16”, 7/32”, 1/4”, 5/16”, 3/8”.
Part No. 17-9435.

Metric Sizes: 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm.
Part No. 17-9436.

7 PC. FOLDING HEX KEY SETS

Includes steel case
SAE Sizes: 1/16”, 5/64”, 3/32”, 1/8”, 5/32”, 3/16”, 7/32”
Part No. 17-9407.

Metric Sizes: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm.
Part No. 17-9408.

8 PC. FOLDING TORQ HEX KEY SET

Includes steel case
Sizes: T9, T10, T15, T20, T25, T27, T30, T40.
Part No. 17-9414.

Magnetic Retrieving Tools

TELESCOPING POCKET MAGNETIC RETRIEVER

•Telescoping retriever extends 4” to 19” in length.
Part No. 10-6010.

TELESCOPING MAGNETIC RETRIEVER

•Extends to 17-¾” •With flex spring shaft.
Part No. 10-6015.

POCKET MAGNETIC RETRIEVER

•Extends from 4-¾” to 24” •Capacity of 3.5 lbs. •Convenient pocket clip.
Part No. 10-6020.

SWIVEL INSPECTION MIRROR

•Round mirror with multi-direction swivel for visual access to confined areas.
Part No. 10-6025.

MAGNETIC BOWLS/TRAYS

Part No. 10-6008, Bowl, 5-3/4” x 1-1/2”.
Part No. 10-6009, Tray, 9-1/2” x 5-1/2”.

LINESMAN'S PLIERS
•Industrial Grade •Side cutters have induction hardened edges for precision cutting
Part No. 15-0007, 7".
Part No. 15-0008, 8".
Part No. 15-0009, 9".

LONG NOSE PLIERS
•Industrial Grade •Side cutters have induction hardened edges for precision cutting
Part No. 15-0606, 6".
Part No. 15-0608, 8".

DIAGONAL CUTTING PLIERS
•Industrial Grade •Induction hardened cutting edges for precision cutting
Part No. 15-1106, 6".
Part No. 15-1208, 8".

SLIP JOINT PLIERS
•Industrial Grade
Part No. 15-1506, 6".
Part No. 15-1508, 8".
Part No. 15-1510, 10".

GROOVE JOINT PLIERS
•Industrial Grade
Part No. 15-2110, 10".
Part No. 15-2112, 12".
Part No. 15-2116, 16".

11" EXTRA LONG REACH PLIERS
•Industrial Grade
Part No. 15-2501, Straight tip.
Part No. 15-2502, 45° tip.
Part No. 15-2503, 90° tip.

10" FENCE REPAIR PLIER
•Unique multi-use tool serves as a hammer, prying tool, wire cutter and wire splicer. Great for installing and repairing wire fencing.
Part No. 15-3010.

8" MIG HELPER PLIERS
•For wire feed welders
Part No. 15-6508.

CRIMPING TOOL & WIRE CUTTER PLIER
•Heavy duty crimping tool, wire cutter and stripper.
Part No. 15-6701.

COMBINATION INTERNAL / EXTERNAL SNAP RING PLIER
•A combination tool for internal and external snap rings •4 interchangeable tips: straight-thin, straight-thick, 90°, 45°.
Part No. 15-9004.

4 pc. PLIER SET
•Includes: 6" slip joint, 6" long nose, 6" diagonal cutter and 7" linesman's pliers.
Part No. 15-9204.

NEW!!

1000 V

PROCORE

INSULATED PLIERS
Pliers suitable for use where they may come into contact with a source of voltage up to 1000 volts. 1000 V rated.
Part No. 15-0106, 6" Insulated Linesman's Plier.
Part No. 15-0107, 7" Insulated Linesman's Plier.
Part No. 15-0108, 8" Insulated Linesman's Plier.
Part No. 15-0706, 6" Insulated Long Nose Plier.
Part No. 15-0708, 8" Insulated Long Nose Plier.
Part No. 15-1306, 6" Insulated Diagonal Cutting Plier.
Part No. 15-2210, 10" Insulated Groove Joint Plier.
Part No. 15-6706, 6" Insulated Wire Stripper.

6 pc. MINIATURE ELECTRONICS PLIER SET
•Satin finish, spring loaded handles •Precision, smooth performance •Folding zip lock case •Includes long nose, flat nose, diagonal cutting, bent nose, and end nipper pliers.
Part No. 15-9006.

Part No. 15-3501, Miniature Long Nose Plier.
Part No. 15-3502, Miniature Flat Nose Plier.
Part No. 15-3503, Miniature Diagonal Cutting Plier.
Part No. 15-3504, Miniature Bent Nose Plier.
Part No. 15-3505, Miniature End Nipper Plier.

Locking Pliers, C-Clamps, Vises

LOCKING CURVED JAW PLIERS WITH CUTTER
•Chrome Vanadium steel •Jaw design improves gripping ability •Compound action for powerful lock •Convenient quick release lever
Part No. 15-4007, 7".
Part No. 15-4010, 10".

LOCKING FLAT JAW PLIERS
•Chrome Vanadium steel •Compound action for powerful lock •Convenient quick release lever
Part No. 15-4210, 10".

LOCKING LONG NOSE PLIERS
•Chrome Vanadium steel •Compound action for powerful lock •Convenient quick release lever
Part No. 15-4306, 6".
Part No. 15-4309, 9".

LOCKING CHAIN PLIERS
•Chrome Vanadium steel •With 18" chain
Part No. 15-4509, 9".
Part No. 15-4518, Replacement Chain.

LOCKING SHEET METAL CLAMP
•Chrome Vanadium steel •Wide flat jaws for smoother, more accurate bending and seaming. Locking pressure easily adjusted with adjustment screw.
Part No. 15-4608, 8".

LOCKING GRIP WELDING PLIERS
•Chrome Vanadium steel •Deep "U" shaped jaws for clamping purposes to aid in welding. Locking pressure easily adjusted with adjustment screw. Quick release lever.
Part No. 15-4709, 9".

LOCKING C-CLAMP
•Chrome Vanadium steel
Part No. 15-4411, 11".

C-CLAMPS
Part No. 15-5201, length: 1".
Part No. 15-5202, length: 2".
Part No. 15-5203, length: 3".
Part No. 15-5204, length: 4".
Part No. 15-5205, length: 5".
Part No. 15-5206, length: 6".
Part No. 15-5208, length: 8".
Part No. 15-5210, length: 10".
Part No. 15-5212, length: 12".

HEAVY DUTY BENCH VISES
•Unbreakable all steel body •Permanent pipe jaws and anvil •360° swivel base with positive locks
Part No. 15-5506, 6" jaws.
Part No. 15-5508, 8" jaws.

PROCORE

Cutting Tools

AVIATION TIN SNIPS
•Precision ground blades provide smooth cutting action •Special hardened and tempered process refines the steel's grain size providing enough strength to cut kevlar
Part No. 16-0101, Straight Cut, Yellow Handle.
Part No. 16-0110, Left Cut, Red Handle.
Part No. 16-0120, Right Cut, Green Handle.
Part No. 16-0130, Long-cut aviation tin snips
Part No. 16-0140, Aviation Bull Dog.

STRAIGHT PATTERN METAL SNIPS
•Cushion handle with smooth, comfortable bows for easy use and safety •Designed for cutting straight and wide curves to the left or right •Drop forged carbon steel, with induction hardened cutting edges for an acurate cut everytime.
Part No. 16-0607, 7".
Part No. 16-0608, 8".
Part No. 16-0612, 12".
Part No. 16-0714, 14" Industrial.
Part No. 16-0716, 16" Industrial Bull Dog.

BOLT CUTTERS
•High tensile industrial grade chrome vanadium jaws for maximum cutting power •Lockplate prevents jaw bolts from turning or loosening, for longer cutting life •Jaws are centre cut pattern for clean cuts •Blade gap is adjustable by bolt on joint arm •Comfortable hand grips

BOLT CUTTERS
Part No. 16-1114, 14".
Part No. 16-1118, 18".
Part No. 16-1124, 24".
Part No. 16-1130, 30".
Part No. 16-1136, 36".

REPLACEMENT JAWS
Part No. 16-1214, 14".
Part No. 16-1218, 18".
Part No. 16-1224, 24".
Part No. 16-1230, 30".
Part No. 16-1236, 36".

ALL METAL UTILITY KNIFE
•All metal heavy duty utility knife with push button retraction.
Part No. 16-2301.
Part No. 16-2353, Replacement blades, pack of 10.

QUICK CHANGE ERGONOMIC UTILITY KNIFE
•Ergonomic handle and knife holder.
Part No. 16-2320.
Part No. 16-2353, Replacement blades, pack of 10.

UTILITY KNIFE
•Heavy duty utility knife with thumb slide safety lock.
Part No. 16-2309.
Part No. 16-2350, Replacement blades, pack of 10.

MINI UTILITY KNIFE
Part No. 16-2315.
Part No. 16-2352, Replacement blades, pack of 10.

HEAVY DUTY UTILITY KNIFE
With auto lock, rubber grip, 18 mm blade, carded.
Part No. 16-2334.

HEAVY DUTY MINI UTILITY KNIFE
•With auto lock, rubber grip, 9 mm blade, carded.
Part No. 16-2332.
Part No. 16-2352, Replacement blades, pack of 10.

HEAVY DUTY UTILITY KNIFE
With thumb screw lock, ratcheting slide, rubber grip, 18 mm blade, carded.
Part No. 16-2336.

HEAVY DUTY UTILITY KNIFE
With thumb screw lock, ratcheting slide, rubber grip, open back, 25 mm blade, carded.
Part No. 16-2346.
Part No. 16-2351, Replacement blades, pack of 10.

3 PIECE HEAVY DUTY UTILITY KNIFE SET
Includes #16-2332, #16-2334, #16-2336, carded.
Part No. 16-2392.

RAZOR BLADE SCRAPER
•Includes box of 5 replacement blades
Part No. 16-2501.
Part No. 16-2550, Replacement single edge razor blades, pack of 100.

SAFETY SCRAPER
•Comfort grip handle and retractable blade
Part No. 16-2505.
Part No. 16-2551, Replacement blades, pack of 10.

SCRAPER/PUTTY KNIVES
Part No. 16-2401, 1¼" flexible.
Part No. 16-2403, 1¼" stiff.
Part No. 16-2406, 2" flexible.
Part No. 16-2409, 3" flexible.

CAULKING GUN
•Professional quality for heavy duty use •Regulated flow •Tip cleaning spike
Part No. 30-0001.

STANDARD HACKSAW
•Aluminum hacksaw with 12" blade •Die cast aluminum handle with rubber grip •Includes 1 blade.
Part No. 16-4112.

TUBULAR HACKSAW
•Tubular adjustable hacksaw with 12" blade •Adjustable 10" to 12" •Lightweight handle, includes 1 blade.
Part No. 16-4212.

DIGITAL CALIPER
•Includes an extra replacement 1.5V battery
Part No. 16-3003, 0" - 6".
Part No. 16-3006, 0" - 8".

Uses replacement 1.5V batteries:
76/357/G13/SR44W

DIAL CALIPER
Part No. 16-3009, 0" - 6".

PROCORE

VERNIER CALIPER
Part No. 16-3012, 0" - 6".

Punches, Pry Bars

FLAT COLD CHISELS
•Chrome Vanadium steel with black finish

PART NO.	SIZE	STOCK	LENGTH
09-0103	3/8"	3/8"	5-1/2"
09-0111	1/2"	7/16"	6"
09-0115	5/8"	1/2"	7"
09-0119	3/4"	5/8"	7"
09-0123	7/8"	3/4"	8"
09-0131	1"	13/16"	8"
09-0135	1"	13/16"	12"

PIN PUNCHES
•Chrome Vanadium steel with black finish

PART NO.	SIZE	STOCK	LENGTH
09-0203	3/32"	1/4"	4-1/2"
09-0207	1/8"	5/16"	5"
09-0211	5/32"	3/8"	5"
09-0215	3/16"	3/8"	6"
09-0219	1/4"	1/2"	6"

TAPER PUNCHES
•Chrome Vanadium steel with black finish

PART NO.	SIZE	STOCK	LENGTH
09-0303	1/8"	3/8"	5-3/4"
09-0307	1/8"	5/16"	10"
09-0311	5/32"	3/8"	6"
09-0315	3/32"	5/16"	5-1/4"
09-0319	3/16"	7/16"	6-1/4"
09-0323	3/16"	3/8"	10"
09-0327	1/4"	1/2"	6-3/4"
09-0331	1/4"	1/2"	10"

CENTRE PUNCHES
•Chrome Vanadium steel with black finish

PART NO.	STOCK	LENGTH
09-0411	3/8"	5"
09-0419	1/2"	6"

PRICK PUNCH
•Chrome Vanadium steel with black finish

PART NO.	STOCK	LENGTH
09-0503	3/8"	5"

ROLL PIN PUNCHES
•Chrome Vanadium steel with black finish

PART NO.	STOCK	LENGTH
09-0603	3/32"	3-1/2"
09-0607	1/8"	3-3/4"
09-0611	5/32"	4-1/2"
09-0615	3/16"	4-1/2"
09-0619	1/4"	5-1/2"
09-0623	5/16"	6"

6 PC. ROLL PIN PUNCH SET
•Chrome Vanadium steel with black finish •Contains: Roll pin punches: 3/32" x 3-1/2", 1/8" x 3-3/4", 5/32" x 4-1/2", 3/16" x 4-1/2", 1/4" x 5-1/2", 5/16" x 6" •Canvas storage pouch.
Part No. 09-9906.

13 PC. PUNCH & CHISEL SET
•Chrome Vanadium steel with black finish •Contains: 5 Flat chisels: 3/8" x 5-1/2", 1/2" x 6", 5/8" x 7", 3/4" x 7", 7/8" x 8" •3 Taper punches: 1/8" x 10", 3/16" x 10", 1/4" x 10" •4 Pin punches: 1/8" x 5", 5/32" x 5", 3/16" x 6", 1/4" x 6" •1 Center punch: 1/2" x 6" •Canvas storage pouch.
Part No. 09-9913.

16 PC. SHORT HANDLE PUNCH & CHISEL SET
•Chrome Vanadium steel with black finish •Contains: 3 Flat chisels: 3/8" x 5-1/2", 1/2" x 6", 5/8" x 7" •5 Taper punches: 1/8" x 5-3/4", 5/32" x 6", 3/32" x 5-1/4", 3/16" x 6-1/4", 1/4" x 6-1/4" •5 Pin punches: 3/32" x 4-1/2", 1/8" x 5", 5/32" x 5", 3/16" x 6", 1/4" x 6" •2 Center punch: 3/8" x 5", 1/2" x 6" •PC gauge •Canvas storage pouch.
Part No. 09-9916.

ALIGNING PRY BARS
•Forged chrome alloy steel •Used for prying, positioning, and aligning applications.

PART NO.	LENGTH	WIDTH OF TIP
09-5018	18"	5/8"
09-5024	24"	3/4"
09-5030	30"	7/8"
09-5046	46"	7/8"
09-5054	54"	1"

PRY BARS
•Black finished chrome Vanadium steel •Non-staining black plastic handles.

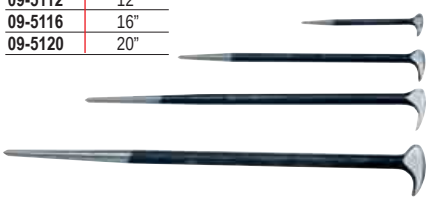
PART NO.	LENGTH
09-5208	8"
09-5212	12"
09-5218	18"
09-5224	24"

Part No. 09-9004, 4 pc. Pry Bar Set - Contains: 8", 12", 18", 24".

ROUND HEAD BARS & SET
•Rollinh head with aligning pin •Black finished chrome Vanadium steel.

PART NO.	LENGTH
09-5106	6"
09-5112	12"
09-5116	16"
09-5120	20"

Part No. 09-9104, 4 pc. Round Head Pry Bar Set - Contains: 6", 12",16", 20".



GOOSE NECK WRECKING BARS

PART NO.	SIZE
09-5318	18" x 5/8"
09-5324	24" x 5/8"
09-5330	30" x 5/8"
09-5336	36" x 5/8"

CHISEL POINT CROW BARS

PART NO.	LENGTH	WEIGHT	POINT
09-5451	51"	12 lbs.	1⅛" chisel point
09-5454	54"	14 lbs.	1⅛" chisel point
09-5457	57"	16 lbs.	1¼" chisel point
09-5460	60"	18 lbs.	1¼ chisel point

FIBREGLASS SLEDGE HAMMERS
•Heavy duty fibreglass handle, rubber grip.

PART NO.	WEIGHT	LENGTH
18-1004	4 lbs.	15”
18-1006	6 lbs.	31”
18-1008	8 lbs.	31”
18-1010	10 lbs.	31”
18-1012	12 lbs.	35”
18-1014	14 lbs.	35”
18-1016	16 lbs.	35”

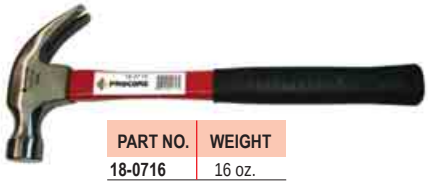
FIBREGLASS SLEDGE HAMMER HANDLE
Part No. 18-3035, 35”.

EPOXY KIT FOR SLEDGE HAMMER HANDLE
Part No. 18-3090.

FIBREGLASS BALL PEIN HAMMERS
•Drop forged high carbon steel heads •Heavy duty fibreglass handles •Rubber cushion grips.

PART NO.	WEIGHT
18-0108	8 oz.
18-0112	12 oz.
18-0116	16 oz.
18-0124	24 oz.
18-0132	32 oz.
18-0140	40 oz.

FIBREGLASS CLAW HAMMER
•Solid steel, comfort designed rubber grip.



PART NO.	WEIGHT
18-0716	16 oz.

CLAW HAMMER
•Solid steel, rubber grip.

PART NO.	WEIGHT
18-0616	16 oz.

RUBBER MALLETS
•Heavy duty rubber heads.
Part No. 18-1416, 16 oz. White head/Tubular handle.
Part No. 18-1524, 24 oz. Black head/Wood handle.

SOFT FACE HAMMERS
Part No. 18-1816, 16 oz. Soft face hammer.
Part No. 18-1861, Rubber Tip.
Part No. 18-1862, Plastic Tip.

DEAD BLOW HAMMERS
Part No. 18-2250, 2½ lbs.
Part No. 18-2251, 3½ lbs.

100pc. RIVET GUN REFILL KIT
•Contains the following rivets: (25) 3/32” x 7/32”, (25) 1/8” x 5/16”, (25) 5/32” x 7/32”, (25) 3/16” x 5/16” .
Part No. 15-6607.

HEAVY DUTY RIVET GUN
•Heavy duty gun with 4 nozzles for 3/32”, 1/8”, 5/32”, 3/16” rivets.
Part No. 15-6601.

WELDING/CHIPPING HAMMER
Part No. 18-2601.

PROCORE™

1/4" Drive Ratchets, Accessories, & Sockets

PROFESSIONAL RATCHETS & ACCESSORIES - Chrome Vanadium Construction

Part No. W36101, Quick Release, Teardrop Ratchet - 24 gear teeth, 5-3/4" ratchet length.
Part No. W36102, Quick Release, Teardrop Flexhead Ratchet - 24 gear teeth, 5-15/16" ratchet length.
Part No. W36100R, Teardrop Ratchet Repair Kit.
Part No. W36106, Round Head Ratchet - 42 gear teeth, 5-1/2" ratchet length.
Part No. W36113, Quick Release, Stubby Round Head Ratchet - 42 gear teeth, 3-3/4" ratchet length.
Part No. W36114, Round Head Stubby Flexhead Ratchet - 24 gear teeth, 3-3/4" ratchet length.
Part No. W36118, Flex Handle - 5-15/16" ratchet length.
Part No. W36123, Thumbwheel Ratchet - 42 gear teeth.
Part No. W36124, Spinner Handle - 6" ratchet length.
Part No. W36130, Universal Joint - 1-5/8" u-joint length.
Part No. W30933, 3 pc. Universal Joint Set - 1/4", 3/8", 1/2" drive set.
Part No. W36142, Extension, 2".
Part No. W36143, Extension, 3".
Part No. W36146, Extension, 6".
Part No. W36940, 3 pc. Extension Set - 2", 3", 6" set.
Part No. W36157, Socket Adapter - 1/4"F - 3/8"M.
Part No. W38159, Socket Adapter - 3/8" F - 1/4" M.
Part No. W30934, 4 pc. Socket Adapter Set - 1/4" F - 3/8" M, 3/8" F - 1/4" M, 3/8" F - 1/2" M, 1/2" F - 3/8" M.
Part No. W36000, Socket Rail, 1/4" - 14 pegs.

W36113

W36106

W36124

W36114

W36118

W36101

W36123

PROFESSIONAL COMPOSITE OFFSET RATCHET

• 1/4" Drive •Indestructible protective coating •Chrome Vanadium steel core •Precision 72 tooth gear drive •25% lighter
Part No. W38134.

W38134

GENERAL USE RATCHETS & ACCESSORIES - Heat Treated Alloy Steel, Polished Chrome Finish

Part No. W23C, Ratchet - polished chrome plated finish.
Part No. W14SKH, Socket Holder - 16 clips.
Part No. W3SKH, 3 pc. Socket Holder - 16 clips/rail, 1/4", 3/8", 1/2".

W23C

PROFESSIONAL SOCKETS - Chrome Vanadium Construction, Fully Polished, Recessed Edges

1/4" DRIVE STANDARD SOCKETS - 6 Point

PART NO.	SIZE	LENGTH
W36005	5/32"	1"
W36006	3/16"	1"
W36007	7/32"	1"
W36008	1/4"	1"
W36009	9/32"	1"
W36010	5/16"	1"
W36011	11/32"	1"
W36012	3/8"	1"
W36014	7/16"	1"
W36016	1/2"	1"
W36204	4 mm	1"
W36205	5 mm	1"
W36206	6 mm	1"
W36207	7 mm	1"
W36208	8 mm	1"
W36209	9 mm	1"
W36210	10 mm	1"
W36211	11 mm	1"
W36212	12 mm	1"
W36213	13 mm	1"

1/4" DRIVE DEEP SOCKETS - 6 Point

PART NO.	SIZE	LENGTH
W36305	5/32"	2"
W36306	3/16"	2"
W36307	7/32"	2"
W36308	1/4"	2"
W36309	9/32"	2"
W36310	5/16"	2"
W36311	11/32"	2"
W36312	3/8"	2"
W36314	7/16"	2"
W36316	1/2"	2"
W36404	4 mm	2"
W36405	5 mm	2"
W36406	6 mm	2"
W36407	7 mm	2"
W36408	8 mm	2"
W36409	9 mm	2"
W36410	10 mm	2"
W36411	11 mm	2"
W36412	12 mm	2"

Dual Drive Ratchets

•Comfortable rubber cushion grip handle •Features 72 gear teeth for speed and durability •Chrome Vanadium steel construction
Part No. W32110, 3/8 and 1/2" dual drive stubby ratchet.
Part No. W32111, 3/8 and 1/2" dual drive ratchet.
Part No. W38110, 1/4 and 3/8" dual drive stubby ratchet.
Part No. W38111, 1/4 and 3/8" dual drive stubby ratchet with flex head.

W32110

W38110

W32111

W38111
(Socket Not Included)

1/4" & 3/8" DUAL DRIVE COMPOSITE STUBBY RATCHET

•Indestructible protective coating •Chrome Vanadium steel core •Precision 72 tooth gear drive •25% lighter
Part No. W38104.

W38104

Performance Tool®

3/8" Drive Ratchets, Accessories, & Sockets

8118

W38120

W38123

Extensions

PROFESSIONAL RATCHETS & ACCESSORIES - Chrome Vanadium Construction

Part No. W38101, Quick Release, Teardrop Ratchet - 24 gear teeth, 7-5/8" ratchet length.
Part No. W38102, Quick Release, Teardrop Flexhead Ratchet - 32 gear teeth, 11" ratchet length.
Part No. W38103, Quick Release, Teardrop Flexhead Ratchet with bent handle - 32 gear teeth, 11" ratchet length.
Part No. W38100R, Teardrop Ratchet Repair Kit.
Part No. W38106, Round Head Ratchet - 42 gear teeth, 7-7/8" ratchet length.
Part No. W38107, Quick Release Round Head Ratchet - 42 gear teeth, 7-7/8" ratchet length.
Part No. W38108, Round Flexhead Ratchet - 42 gear teeth, 10-5/8" ratchet length.
Part No. W38109, Quick Release Round Flexhead Ratchet - 42 gear teeth, 10-5/8" ratchet length.
Part No. W38112, Stubby Round Head Ratchet - 42 gear teeth, 3-15/16" ratchet length.
Part No. W38113, Quick Release, Stubby Round Head Ratchet - 42 gear teeth, 3-15/16" ratchet length.
Part No. W38114, Stubby Round Head Flex Ratchet - 42 gear teeth, 3-15/16" ratchet length.
Part No. W38115, Quick Release, Stubby Round Flexhead Ratchet - 42 gear teeth, 5-1/4" ratchet length.
Part No. W38118, Flex Handle - 11" ratchet length.
Part No. W38120, Sliding T-Bar Handle - 6-1/2" ratchet length.
Part No. W38123, Thumbwheel Ratchet - 42 gear teeth.
Part No. W38130, Universal Joint - 2-1/8" u-joint length.
Part No. W30933, 3 pc. Universal Joint Set - 1/4", 3/8", 1/2" drive set.
Part No. W38140, Extension, 1-3/4".
Part No. W38143, Extension, 3".
Part No. W38146, Extension, 6".
Part No. W38148, Extension, 8".
Part No. W38150, Extension, 10".
Part No. W38156, Extension, 18".
Part No. W38152, 4 pc. Extension Set, 1-3/4", 3", 6", 8" set.
Part No. W38141, Wobble Extension, 1-3/4".
Part No. W38144, Wobble Extension, 3".
Part No. W38147, Wobble Extension, 6".
Part No. W38149, Wobble Extension, 8".
Part No. W38151, Wobble Extension, 10".

W38161

W38162

W38165

Part No. W32157, Socket Adapter, 1/2"F - 3/8"M.
Part No. W36157, Socket Adapter, 1/4" F - 3/8" M.
Part No. W38158, Socket Adapter, 3/8" F - 1/2" M.
Part No. W38159, Socket Adapter, 3/8" F - 1/4" M.
Part No. W30934, 4 pc. Socket Adapter Set, 1/4" F - 3/8" M, 3/8" F - 1/4" M, 3/8" F - 1/2" M, 1/2" F - 3/8" M.
Part No. W38160, Spark Plug Socket, 5/8" - 2-9/16" overall length.
Part No. W38163, Spark Plug Socket, 3/4" - 7/8" external hex, 2-9/16" overall length.
Part No. W38164, Spark Plug Socket, 13/16" - 2-9/16" overall length.
Part No. W38166, Spark Plug Socket, 14 mm - 2-1/2" overall length.
Part No. W38167, Spark Plug Socket, 16 mm - 2-9/16" overall length.
Part No. W38168, Spark Plug Socket, 18 mm - 2-1/2" overall length.
Part No. W38169, Spark Plug Socket, 21 mm - 2-9/16" overall length.
Part No. W38162, Extra Long Spark Plug Socket, 5/8" - 5-1/8" overall length.
Part No. W38161, Flexible Extension Spark Plug Socket, 5/8" - 3-1/4" overall length.
Part No. W38165, Flexible Extension Spark Plug Socket, 13/16", 3-5/16" overall length.
Part No. W38000, Socket Rail, 3/8" - 14 pegs.

Spark Plug Sockets

W38117

3/8" DR. OFFSET RATCHET

•Offset design makes this tool perfect for working in confined or obstructed areas •Comfortable rubber cushion grip handle •Features 72 gear teeth for speed and durability •Chrome Vanadium steel construction
Part No. W38117.

W38138

3/8" DR. PROFESSIONAL COMPOSITE OFFSET RATCHET

•Indestructible protective coating •Chrome Vanadium steel core •Precision 72 tooth gear drive •25% lighter
Part No. W38138.

NEW!!

W38105

3/8" DRIVE SWIVEL HEAD RATCHET

•Head swivels for added convenience •5 degree gear action
Part No. W38105.

NEW!!

GENERAL USE RATCHETS & ACCESSORIES - Heat Treated Alloy Steel, Polished Chrome Finish

W21C

W17C

W22C

Part No. W21C, Swivel Ratchet - carded.
Part No. W17C, Rubber Grip Ratchet - carded.
Part No. W17RB, Rubber Grip Ratchet - bulk.
Part No. W22C, Flex Handle - carded.
Part No. W1135, Socket Adapter, 3/8" F - 1/2" M.
Part No. W1136C, Socket Adapter, 1/2" F - 3/8" M.
Part No. W1138C, Socket Adapter, 3/8" F - 1/4" M.
Part No. W1126C, Spark Plug Socket, 13/16" - carded.
Part No. W1126B, Spark Plug Socket, 13/16" - bulk.
Part No. W1128C, Spark Plug Socket, 5/8" - carded.
Part No. W1128B, Spark Plug Socket, 5/8" - bulk.
Part No. W3SKH, 3 pc. Socket Holder - 16 clips/rail, 1/4", 3/8", 1/2".
Part No. W38SKH, Socket Holder - 16 clips.

3/8" Drive Ratchets, Accessories, & Sockets

PROFESSIONAL SOCKETS - Chrome Vanadium Construction, Fully Polished, Recessed Edges

3/8" DRIVE STANDARD SOCKETS - 6 Point

PART NO.	SIZE	LENGTH
W38008	1/4"	1-1/8"
W38010	5/16"	1-1/8"
W38012	3/8"	1-1/8"
W38014	7/16"	1-1/8"
W38016	1/2"	1-1/8"
W38018	9/16"	1-1/8"
W38020	5/8"	1-1/8"
W38022	11/16"	1-3/16"
W38024	3/4"	1-3/16"
W38026	13/16"	1-3/16"
W38028	7/8"	1-3/16"
W38030	15/16"	1-3/16"
W38206	6 mm	1-1/8"
W38207	7 mm	1-1/8"
W38208	8 mm	1-1/8"
W38209	9 mm	1-1/8"
W38210	10 mm	1-1/8"
W38211	11 mm	1-1/8"
W38212	12 mm	1-1/8"
W38213	13 mm	1-1/8"
W38214	14 mm	1-1/8"
W38215	15 mm	1-1/8"
W38216	16 mm	1-1/8"
W38217	17 mm	1-1/8"
W38218	18 mm	1-3/16"
W38219	19 mm	1-3/16"
W38220	20 mm	1-3/16"
W38221	21 mm	1-3/16"
W38222	22 mm	1-3/16"

3/8" DRIVE STANDARD SOCKETS - 12 Point

PART NO.	SIZE	LENGTH
W38510	5/16"	1-1/8"
W38512	3/8"	1-1/8"
W38514	7/16"	1-1/8"
W38516	1/2"	1-1/8"
W38518	9/16"	1-1/8"
W38520	5/8"	1-1/8"
W38522	11/16"	1-3/16"
W38524	3/4"	1-3/16"
W38526	13/16"	1-3/16"
W38528	7/8"	1-3/16"
W38807	7 mm	1-1/8"
W38808	8 mm	1-1/8"
W38809	9 mm	1-1/8"
W38810	10 mm	1-1/8"
W38811	11 mm	1-1/8"
W38812	12 mm	1-1/8"
W38813	13 mm	1-1/8"
W38814	14 mm	1-1/8"
W38815	15 mm	1-1/8"
W38816	16 mm	1-1/8"
W38817	17 mm	1-1/8"
W38818	18 mm	1-3/16"
W38819	19 mm	1-3/16"
W38820	20 mm	1-3/16"
W38821	21 mm	1-3/16"
W38822	22 mm	1-3/16"

3/8" DRIVE DEEP SOCKETS - 6 Point

PART NO.	SIZE	LENGTH
W38308	1/4"	2-1/2"
W38310	5/16"	2-1/2"
W38312	3/8"	2-1/2"
W38314	7/16"	2-1/2"
W38316	1/2"	2-1/2"
W38318	9/16"	2-1/2"
W38320	5/8"	2-1/2"
W38322	11/16"	2-1/2"
W38324	3/4"	2-1/2"
W38326	13/16"	2-1/2"
W38328	7/8"	2-1/2"
W38330	15/16"	2-1/2"
W38407	7 mm	2-1/2"
W38408	8 mm	2-1/2"
W38409	9 mm	2-1/2"
W38410	10 mm	2-1/2"
W38411	11 mm	2-1/2"
W38412	12 mm	2-1/2"
W38413	13 mm	2-1/2"
W38414	14 mm	2-1/2"
W38415	15 mm	2-1/2"
W38416	16 mm	2-1/2"
W38417	17 mm	2-1/2"
W38418	18 mm	2-1/2"
W38419	19 mm	2-1/2"
W38421	21 mm	2-1/2"
W38422	22 mm	2-1/2"

3/8" DRIVE DEEP SOCKETS - 12 Point

PART NO.	SIZE	LENGTH
W38612	3/8"	2-1/2"
W38614	7/16"	2-1/2"
W38616	1/2"	2-1/2"
W38618	9/16"	2-1/2"
W38620	5/8"	2-1/2"
W38622	11/16"	2-1/2"
W38624	3/4"	2-1/2"
W38626	13/16"	2-1/2"
W38628	7/8"	2-1/2"
W38630	15/16"	2-1/2"
W38708	8 mm	2-1/2"
W38709	9 mm	2-1/2"
W38710	10 mm	2-1/2"
W38711	11 mm	2-1/2"
W38712	12 mm	2-1/2"
W38713	13 mm	2-1/2"
W38714	14 mm	2-1/2"
W38715	15 mm	2-1/2"
W38716	16 mm	2-1/2"
W38717	17 mm	2-1/2"
W38718	18 mm	2-1/2"
W38719	19 mm	2-1/2"

1/2" Drive Ratchets, Accessories, & Sockets

PROFESSIONAL RATCHETS & ACCESSORIES - Chrome Vanadium Construction

Part No. W32101, Quick Release, Teardrop Ratchet - 24 gear teeth, 9-3/4" ratchet length.
Part No. W32102, Quick Release, Teardrop Flexhead Ratchet - 42 gear teeth, 11" ratchet length.
Part No. W32100R, Teardrop Ratchet Repair Kit.
Part No. W32106, Round Head Ratchet - 42 gear teeth, 9-7/8" ratchet length.
Part No. W32118, Flex Handle - 10" length.
Part No. W32119, Flex Handle - 15" length.
Part No. W32120, Flex Handle - 18" length.
Part No. W32121, Flex Handle - 24" length.
Part No. W32123, Thumbwheel Ratchet - 42 gear teeth.
Part No. W32130, Universal Joint - 2-15/16" u-joint length.
Part No. W30933, 3 pc. Universal Joint Set - 1/4", 3/8", 1/2" drive set.
Part No. W32143, Extension, 3".
Part No. W32145, Extension, 5".
Part No. W32150, Extension, 10".
Part No. W32153, Extension, 20".
Part No. W32157, Socket Adapter, 1/2"F - 3/8"M.
Part No. W32158, Socket Adapter, 1/2" F - 3/4" M.
Part No. W34157, Socket Adapter, 3/4" F - 1/2" M.
Part No. W38158, Socket Adapter, 3/8" F - 1/2" M.
Part No. W30934, 4 pc. Socket Adapter Set, 1/4" F - 3/8" M, 3/8" F - 1/4" M, 3/8" F - 1/2" M, 1/2" F - 3/8" M.
Part No. W32160, Spark Plug Socket, 5/8" - 3/4" external hex, 2-9/16" overall length.
Part No. W32163, Spark Plug Socket, 13/16" - 7/8" external hex, 2-9/16" overall length.
Part No. W32000, Socket Rail, 1/2" - 14 pegs.

W32106

Flex Handles

Socket Adapters

Spark Plug Sockets

PROFESSIONAL COMPOSITE OFFSET RATCHET

•1/2" Drive •Indestructible protective coating •Chrome Vanadium steel core •Precision 72 tooth gear drive •25% lighter
Part No. W38132.

Socket Rail

Extensions

1/2" Drive Ratchets, Accessories, & Sockets

GENERAL USE RATCHETS & ACCESSORIES - Heat Treated Alloy Steel

Part No. W20C, Ratchet - carded.
Part No. W1127C, Spark Plug Socket, 13/16" - carded.
Part No. W1137C, Spark Plug Socket, 5/8" - carded.
Part No. W12SKH, Socket Holder - 16 clips.

PROFESSIONAL SOCKETS - Chrome Vanadium Construction, Fully Polished, Recessed Edges

1/2" DRIVE STANDARD SOCKETS - 6 Point

PART NO.	SIZE	LENGTH
W32012	3/8"	1-1/2"
W32014	7/16"	1-1/2"
W32016	1/2"	1-1/2"
W32018	9/16"	1-1/2"
W32020	5/8"	1-1/2"
W32022	11/16"	1-1/2"
W32024	3/4"	1-1/2"
W32026	13/16"	1-1/2"
W32028	7/8"	1-9/16"
W32030	15/16"	1-9/16"
W32032	1"	1-11/16"
W32034	1-1/16"	1-11/16"
W32036	1-1/8"	1-3/4"
W32038	1-3/16"	1-3/4"
W32040	1-1/4"	1-3/4"
W32210	10 mm	1-1/2"
W32211	11 mm	1-1/2"
W32212	12 mm	1-1/2"
W32213	13 mm	1-1/2"
W32214	14 mm	1-1/2"
W32215	15 mm	1-1/2"
W32216	16 mm	1-1/2"
W32217	17 mm	1-1/2"
W32218	18 mm	1-1/2"
W32219	19 mm	1-1/2"
W32220	20 mm	1-1/2"
W32221	21 mm	1-1/2"
W32222	22 mm	1-9/16"
W32223	23 mm	1-9/16"
W32224	24 mm	1-9/16"
W32225	25 mm	1-11/16"
W32226	26 mm	1-11/16"
W32227	27 mm	1-11/16"
W32228	28 mm	1-11/16"
W32230	30 mm	1-3/4"
W32232	32 mm	1-3/4"

1/2" DRIVE STANDARD SOCKETS - 12 Point

PART NO.	SIZE	LENGTH
W32512	3/8"	1-1/2"
W32514	7/16"	1-1/2"
W32516	1/2"	1-1/2"
W32518	9/16"	1-1/2"
W32520	5/8"	1-1/2"
W32522	11/16"	1-1/2"
W32524	3/4"	1-1/2"
W32526	13/16"	1-1/2"
W32528	7/8"	1-9/16"
W32530	15/16"	1-9/16"
W32532	1"	1-11/16"
W32534	1-1/16"	1-11/16"
W32536	1-1/8"	1-3/4"
W32538	1-3/16"	1-3/4"
W32540	1-1/4"	1-3/4"
W32810	10 mm	1-1/2"
W32811	11 mm	1-1/2"
W32812	12 mm	1-1/2"
W32813	13 mm	1-1/2"
W32814	14 mm	1-1/2"
W32815	15 mm	1-1/2"
W32816	16 mm	1-1/2"
W32817	17 mm	1-1/2"
W32818	18 mm	1-1/2"
W32819	19 mm	1-1/2"
W32820	20 mm	1-1/2"
W32821	21 mm	1-1/2"
W32822	22 mm	1-9/16"
W32823	23 mm	1-9/16"
W32824	24 mm	1-9/16"
W32825	25 mm	1-11/16"
W32826	26 mm	1-11/16"
W32827	27 mm	1-11/16"
W32828	28 mm	1-11/16"
W32830	30 mm	1-3/4"
W32832	32 mm	1-3/4"

1/2" DRIVE DEEP SOCKETS - 6 Point

PART NO.	SIZE	LENGTH
W32316	1/2"	3"
W32318	9/16"	3"
W32320	5/8"	3"
W32322	11/16"	3"
W32324	3/4"	3"
W32326	13/16"	3"
W32328	7/8"	3"
W32330	15/16"	3"
W32332	1"	3"
W32334	1-1/16"	3"
W32336	1-1/8"	3"
W32340	1-1/4"	3"
W32410	10 mm	3"
W32411	11 mm	3"
W32412	12 mm	3"
W32413	13 mm	3"
W32414	14 mm	3"
W32415	15 mm	3"
W32416	16 mm	3"
W32417	17 mm	3"
W32418	18 mm	3"
W32419	19 mm	3"
W32420	20 mm	3"
W32421	21 mm	3"
W32422	22 mm	3"
W32423	23 mm	3"
W32424	24 mm	3"
W32427	27 mm	3"

1/2" DRIVE DEEP SOCKETS - 12 Point

PART NO.	SIZE	LENGTH
W32616	1/2"	3"
W32618	9/16"	3"
W32620	5/8"	3"
W32622	11/16"	3"
W32624	3/4"	3"
W32626	13/16"	3"
W32628	7/8"	3"
W32630	15/16"	3"
W32636	1-1/8"	3"

Performance Tool®

3/4" Drive Ratchets, Accessories, & Sockets

PROFESSIONAL RATCHETS & ACCESSORIES - Chrome Vanadium Construction, Fully Polished

Part No. W34100, Quick Release, Teardrop Ratchet - 24 gear teeth, 19-11/16" ratchet length.
Part No. W34100RH, Teardrop Replacement Head.
Part No. W34101, Round Head Ratchet - 43 gear teeth, 19-11/16" ratchet length.
Part No. W34120, Flex Handle - 19" ratchet length.
Part No. W34121, Sliding T-Bar Handle - 18" ratchet length.
Part No. W34130, Universal Joint - 4-15/16" u-joint length.
Part No. W34144, Extension, 4".
Part No. W34148, Extension, 8".
Part No. W34151, Extension, 16".
Part No. W34157, Socket Adapter, 3/4"F - 1/2"M.
Part No. W32158, Socket Adapter, 1/2" F - 3/4" M.
Part No. W34158, Socket Adapter, 3/4" F - 1" M.

W34100/W34101

W34130

Socket Adapters

W34120/W34121

GENERAL USE RATCHETS & ACCESSORIES - Heat Treated Chrome Vanadium Steel, Polished Chrome

Part No. M3002B, Ratchet , 20".
Part No. M3007B, Sliding T-Bar, 20".
Part No. M3008B, Flex Handle, 18".
Part No. M3004B, Extension Bar, 4".
Part No. M3006B, Extension Bar, 8".

PROFESSIONAL SOCKETS - Chrome Vanadium Construction, Recessed Edges

3/4" DRIVE STANDARD SOCKETS - 12 Point

PART NO.	SIZE	LENGTH
W34528	7/8"	1-15/16"
W34530	15/16"	1-15/16"
W34532	1"	2"
W34534	1-1/16"	2-1/16"
W34536	1-1/8"	2-1/16"
W34538	1-3/16"	2-1/8"
W34540	1-1/4"	2-7/32"
W34542	1-5/16"	2-7/32"
W34544	1-3/8"	2-9/32"
W34546	1-7/16"	2-9/32"
W34548	1-1/2"	2-3/8"
W34550	1-9/16"	2-1/2"
W34552	1-5/8"	2-1/2"
W34554	1-11/16"	2-9/16"
W34556	1-3/4"	2-5/8"
W34558	1-13/16"	2-11/16"
W34560	1-7/8"	2-11/16"
W34564	2"	2-13/16"
W34566	2-1/16"	3"
W34568	2-1/8"	3"
W34570	2-3/16"	3"
W34572	2-1/4"	3"
W34574	2-3/8"	3-1/8"

PART NO.	SIZE	LENGTH
W34822	22 mm	1-15/16"
W34823	23 mm	1-15/16"
W34824	24 mm	1-15/16"
W34825	25 mm	2"
W34826	26 mm	2"
W34827	27 mm	2-1/16"
W34828	28 mm	2-1/16"
W34829	29 mm	2-1/16"
W34830	30 mm	2-1/8"
W34832	32 mm	2-7/32"
W34833	33 mm	2-9/32"
W34835	35 mm	2-9/32"
W34836	36 mm	2-3/8"
W34838	38 mm	2-1/2"
W34840	40 mm	2-1/2"
W34841	41 mm	2-1/2"
W34842	42 mm	2-11/16"
W34846	46 mm	3"
W34850	50 mm	3"
W34855	55 mm	3"

GENERAL USE SOCKETS - Heat Treated Chrome Vanadium Steel, Polished Chrome Finish

3/4" DRIVE STANDARD SOCKETS - 12 Point

PART NO.	SIZE
M3010B	3/4"
M3012B	7/8"
M3014B	15/16"
M3016B	1"
M3018B	1-1/16"
M3020B	1-1/8"
M3022B	1-3/16"
M3024B	1-1/4"
M3026B	1-5/16"
M3028B	1-3/8"
M3030B	1-7/16"
M3032B	1-1/2"
M3034B	1-5/8"
M3036B	1-3/4"
M3038B	1-7/8"
M3040B	2"

PERFORMANCE TOOL®
1/4" & 3/8" Socket Sets

(P) PROFESSIONAL SOCKET SETS - Chrome Vanadium Construction
(G) GENERAL USE SOCKET SETS - Heat Treated Alloy Steel

W36300

W1162A

W38301

W38914

PART NO.	DESCRIPTION
W36002	**(P) 10 pc. 1/4" Drive Socket Set - 6 Point** Includes: •Sockets, 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
W36202	**(P) 10 pc. 1/4" Drive Metric Socket Set - 6 Point** Includes: •Sockets: 4 mm, 5 mm, 6 mm, 7 mm, 8 mm, 9 mm,10 mm, 11 mm, 12 mm, 13 mm
W36300	**(P) 10 pc. 1/4" Drive Deep Socket Set - 6 Point** Includes: •Sockets, 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
W36400	**(P) 10 pc. 1/4" Drive Metric Deep Socket Set - 6 Point** Includes: •Sockets: 4 mm, 5 mm, 6 mm, 7 mm, 8 mm, 9 mm,10 mm, 11 mm, 12 mm, 13 mm
W1162A	**(G) 17 pc. 1/4" Drive Socket Set - 6 & 8 Point** Includes: •6 Pt. Sockets: 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2" •8 Pt. Sockets: 1/4", 5/16", 3/8" •Ratchet •2" Extensions •Spin disk •Blow-mold case
W1162M	**(G) 17 pc. 1/4" Drive Metric Socket Set - 6 Point** Includes: •Sockets: 4 mm, 4.5 mm, 5 mm, 5.5 mm, 6 mm, 6.5 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm •Ratchet •2" Extensions •Spin disk •Blow-mold case
W1175	**(G) 9 pc. 3/8" Drive Deep Socket Set Clip Rail - 6 Point** Includes: •Sockets, 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"
W1175M	**(G) 9 pc. 3/8" Drive Metric Deep Socket Set Clip Rail - 6 Point** Includes: •Sockets, 10 mm, 11 mm, 13 mm, 14 mm, 16 mm, 17 mm, 19 mm, 21 mm
W38002	**(P) 10 pc. 3/8" Drive Socket Set - 6 Point** Includes: •Sockets, 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"
W38202	**(P) 10 pc. 3/8" Drive Metric Socket Set - 6 Point** Includes: •Sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm,16 mm, 17 mm, 18 mm, 19 mm
W38300	**(P) 10 pc. 3/8" Drive Deep Socket Set - 6 Point** Includes: •Sockets, 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"
W38301	**(P) 19 pc. 3/8" Drive SAE/Metric Socket Set** Includes: •Sockets, 3/8", 7/16", 1/2", 9/16",5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm,16 mm, 17 mm, 18 mm •Sturdy ratchet with full length handle for leverage •Rail ratchet storage hanger
W38402	**(P) 10 pc. 3/8" Drive Metric Deep Socket Set - 6 Point** Includes: •Sockets: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm,16 mm, 17 mm, 18 mm, 19 mm
W13SC	**(G) 13 pc. 3/8" Drive Socket Set Clip Rail - 6 Point** Includes: •Sockets, 9/32", 5/16", 11/32", 3/8", 7/16", 15/32", 1/2", 9/16", 19/32", 5/8", 11/16", 23/32", 3/4"
W13C	**(G) 13 pc. 3/8" Drive Metric Socket Set Clip Rail - 6 Point** Includes: •Sockets, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm
W38911	**(P) 20 pc. 3/8" Drive Socket Set - 6 Point** Includes: •Sockets, 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" •Deep Sockets, 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" •Teardrop ratchet •Extensions, 3", 6" •Universal joint •Spark plug sockets, 5/8", 11/16" •Molded case
W38914	**(P) 23 pc. 3/8" Drive Metric Socket Set - 6 Point** Includes: •Sockets, 10 mm, 11 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 19 mm •Deep Sockets, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 19 mm •Teardrop ratchet •Extensions, 3", 6" •Universal joint •Spark plug sockets, 16 mm, 21 mm •Molded case
W32300	**(P) 8 pc. 1/2" Drive Deep Socket Set - 6 Point** Includes: •Sockets, 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"
W32400	**(P) 8 pc. 1/2" Drive Metric Deep Socket Set - 6 Point** Includes: •Sockets: 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm,18 mm, 19 mm
W32002	**(P) 9 pc. 1/2" Drive Socket Set - 6 Point** Includes: •Sockets, 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
W32202	**(P) 9 pc. 1/2" Drive Metric Socket Set - 6 Point** Includes: •Sockets: 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm,18 mm, 19 mm, 22 mm
W1176M	**(G) 9 pc. 1/2" Drive Metric Deep Socket Set Clip Rail - 6 Point** Includes: •Sockets: 13 mm, 14 mm, 16 mm, 17 mm, 19 mm, 21 mm, 22 mm, 24 mm
W1160A	**(G) 25 pc. 1/2" Drive SAE/Metric Socket Set - 6 Point** Includes: •Sockets, 3/8", 7/16", 15/32", 1/2", 17/32", 9/16", 19/32", 5/8", 21/32", 11/16", 23/32", 3/4", 25/32", 13/16", 7/8" •Metric Sockets, 10 mm, 11 mm, 12 mm, 14 mm, 16 mm •Ratchet •5" Extension •16" Speeder handle •13/16" Spark plug socket •Molded case

W32002

W1160A

Performance Tool®

1/2" & 3/4" Socket Sets

(P) PROFESSIONAL SOCKET SETS - Chrome Vanadium Construction
(G) GENERAL USE SOCKET SETS - Heat Treated Alloy Steel

PART NO.	DESCRIPTION
W32901	**(P) 26 pc. 1/2" Drive Socket Set - 6 Point** Includes: •Sockets, 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1" •Deep Sockets, 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" •Ratchet •10" Flex handle •Extensions, 3", 5" •Universal joint •Spark plug sockets, 5/8", 13/16" •Molded case
W32904	**(P) 26 pc. 1/2" Drive Metric Socket Set - 6 Point** Includes: •Sockets, 12 mm, 13 mm, 14 mm, 16 mm, 17 mm, 19 mm, 21 mm, 22 mm, 23 mm, 24 mm, 27 mm •Deep Sockets, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 21 mm •Ratchet •10" Flexhandle •Extensions, 3", 5" •Universal joint •Spark plug sockets, 16 mm, 21 mm •Molded case
W1179	**(G) 9 pc. 3/4" Drive Socket Set - 12 Point** Includes: •Sockets, 2-1/16", 2-1/8", 2-3/16", 2-1/4", 2-5/16", 2-3/8", 2-7/16", 2-1/2" •Metal case
W1180	**(G) 21 pc. 3/4" Drive Socket Set - 12 Point** Includes: •Sockets, 3/4", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-3/4", 1-7/8", 2" •20" Ratchet •18" Flex handle •Extensions, 4", 8" •Metal case
W34904	**(P) 21 pc. 3/4" Drive Socket Set - 12 Point** Includes: •Sockets, 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-3/4", 1-13/16", 1-7/8", 2" •Quick release ratchet •T-Bar Handle •Extensions, 4", 8", 16" •Molded case

W32901

Assorted Socket Sets

GENERAL USE - Includes Blow-Molded Case for Storage

PART NO.	DESCRIPTION
W1170	**21 pc. 1/4" & 3/8" Drive Socket Set - 6 Point** Includes: •1/4" dr. Sockets, 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8" •3/8" dr. Sockets, 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" •3/8" dr. Ratchet •Extensions, 3", 6" •1/4" dr. PVC Spinner handle •5/8" Spark plug socket •3/8" to 1/4" Adaptor
W1171	**21 pc. 1/4" & 3/8" Drive Metric Socket Set - 6 Point** Includes: •1/4" dr. Sockets, 4 mm, 4.5 mm, 5 mm, 6 mm, 7 mm, 8 mm, 9 mm •3/8" dr. Sockets, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 17 mm, 19 mm •3/8" dr. Ratchet •Extensions, 3", 6" •1/4" dr. PVC Spinner handle •5/8" Spark plug socket •3/8" to 1/4" Adaptor
W1173	**40 pc. 1/4" & 3/8" Drive SAE/Metric Socket Set - 6 & 8 Point** Includes: •6 pt. 1/4" dr. Sockets, 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 4 mm, 4.5 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm •8 pt. 1/4" dr. Sockets, 1/4", 5/16", 3/8" •6 pt. 3/8" dr. Sockets, 1/2", 9/16", 11/16", 3/4", 14 mm, 16 mm, 17 mm •3/8" dr. Ratchet •3" Extension •1/4" dr. PVC Spinner handle •5/8" Spark plug socket •3/8" to 1/4" Adaptor
W1168	**60 pc. 1/4" & 3/8" Drive Socket & Bit Set** Includes: •3/8" dr. Ratchet •3" Extension •1/4" dr. Spinner handle, coupler •27 pc. 3/8" & 1/4" dr. sockets •3/8" F to 1/4" M adaptor •26 pc. 1" bits
W1172	**52 pc. 1/4", 3/8" & 1/2" Drive SAE/Metric Socket Set - 6 & 8 Point** Includes: •6 pt. 1/4" dr. Sockets, 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2", 4 mm, 4.5 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm •8 pt. 1/4" dr. Sockets, 1/4", 5/16", 3/8" •6 pt. 3/8" dr. Sockets, 9/16", 11/16", 3/4", 14 mm, 16 mm, 17 mm •6 pt. 1/2" dr. Sockets, 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8" •3/8" & 1/2" dr. Ratchet •3" Extension •1/4" dr. PVC Spinner handle •3/8" dr. Spark plug sockets, 5/8", 13/16" •3/8" to 1/4" Adaptor
W1595	**95 pc. 1/4", 3/8" & 1/2" Drive SAE/Metric Socket Set - 6 & 8 Point** Includes: •26 assorted bits, 24 SAE and metric hex keys, spinner handle and coupler, 3/8" and 1/2" Dr. ratchets, extension bar, 1/4, 3/8 and 1/2" Dr. sockets, 5/8" and 13/16" spark plug sockets

W1170

W1173

W1172

Assorted Tool Sets

COMPACT TOOL KIT WITH STORAGE CASE
•Contains: Multi-use tool with hammer end, 1/4" dr. Quick release ratchet, knife blade, file/serrated knife, saw, plier, Phillips screwdriver •8 SAE socket sizes: 1/2, 15/32, 7/16, 3/8, 11/32, 5/16, 1/4, 7/32" •Adaptor and 11 bits sizes: Phillips #1, #2, #3, Hex 5, 6, 7, Star T15, T20 and Robertson S1, S2, S3 •Handly Velcro case
Part No. W1517.

38 PC. COMPACT AUTO TOOL KIT WITH ZIPPER CASE
•Drop forged carbon steel, polished and chrome plated •1/4" dr. spinner handle, 1/4" dr. coupler adapter, 6" adjustable wrench, 6" slip joint plier •10 screwdriver bits: 4 star, 3 slotted, 2 Phillips, bit holder, 1/4" dr. hex adaptor •Break-away utility knife, compact flashlight, tire gauge, 12V tester •(18) 1/4" dr. 6 pt. sockets
Part No. W1197.

40 PC. HOME & AUTO TOOL KIT
•Drop forged carbon steel, polished and chrome plated •3/8" dr. flex ratchet, 6" extension, heat treated 3/8" to 1/4" dr. adaptor, 13/16" spark plug socket, 1/4" dr. PVC spinner handle, 6" lineman's plier, 10" groove joint plier •3 screwdrivers: slotted, stubby slotted, stubby Phillips •8 hex keys •6 combination wrenches •(8) 6 pt. sockets 3/8" dr. SAE •(8) 6 pt. sockets 1/4" dr. metric •Blow molded case
Part No. W1195.

41 PC. HOME & AUTO TOOL KIT
•Drop forged carbon steel, polished and chrome plated •3/8" dr. flex ratchet, 6" extension, heat treated 3/8" to 1/4" dr. adaptor, 13/16" spark plug socket, 1/4" dr. PVC spinner handle •(9) 6 pt. sockets 3/8" dr. SAE •(7) 6 pt. sockets 3/8" dr. SAE •6 combination wrenches •2 pro style handle screwdrivers with Chrome Vanadium steel shafts and magnetic tips - slotted and Phillips •(3) 6" black matte cushion grip pliers: diagonal, long nose, slip joint •8 hex keys •Tri-fold wall-mount blow molded case
Part No. W1192.

Performance Tool®

119 PC. MULTI-USE TOOL KIT

•Drop forged carbon steel, polished and chrome plated •3/8" dr. pro style ratchet, 3/8" dr. extension bar, universal joint, 3/8" to 1/4" dr. adaptor, (2) 3/8" dr. spark plug sockets sizes: 5/8", 13/16" •Heat treated carbon steel SAE and Metric sockets: (16) 3/8" dr., (8) 1/4" dr. •6" heat treated adjustable wrench •5" cushion grip long nose plier •5" cushion grip diagonal cutter •5 SAE combination wrenches •5 metric combination wrenches •3 pro style high visibility screwdrivers: slotted, #2 Phillips, #1 Phillips •Magnetic bit driver •20 screwdriver bits •8" wire crimper •12V circuit tester •44 wire terminals •Insulating tape •Brass detail brush •Break-away knife •Blow molded case.

Part No. W1193.

100 PC. 1/4", 3/8" & 1/2" DR. SOCKET/BIT KIT

•Drop forged carbon steel, polished and chrome plated •1/4", 3/8", and 1/2" dr. pro style ratchets •51 regular and deep SAE and metric 6 pt. sockets •Magnetic bit driver and 22 screwdriver bits •Blow molded case.

Part No. W1198.

150 PC. WORKSHOP TOOL SET

•Contains: 1/4" and 3/8" dr. pro-style ratchets, 1/4" and 3/8" dr. SAE and Metric deep and standard sockets, 3/8" dr. spark plug sockets, 3" and 6" extension bars, 8" long nose plier, 8" diagonal plier, 7" linesman plier and 8" adjustable wrench with double cushion grips, 12 SAE and Metric combination wrenches, hex key wrench sets, Phillips and slotted screwdrivers, ratcheting screwdriver, 1" and 2" bits with adapter.

Part No. W1524.

125 PC. MECHANIC'S TOOL SET

Set contains: 3/8" dr. and ½" dr. ratchets, ¼", 3/8" and ½" dr. SAE and Metric sockets, 3/8" dr. deep SAE and Metric sockets, 18 piece combination wrenches, hex key wrenches, magnetic hex bit driver, 24 piece 1" bits and more.

Part No. W1525.

156 PC. HOME & AUTO TOOL SET

•Includes: Hammer, Cushion Grip Pliers, Wrenches, 3/8" Dr. Ratchet, Sockets and Accessories, and much more.

Part No. W1534.

122 PC. HOME & AUTO TOOL SET

•Includes: Electrical Plier, Cushion Grip Pliers, Bit Driver and Bits, 3/8" Dr. Ratchet, Sockets and Accessories, and much more.

Part No. W1535.

265 PC. MULTI-USE TOOL SET

•Fully polished 3/8" dr. pro style ratchet •3/8" and 1/4" dr. SAE and metric sockets •3/8" dr. 3" extension, universal joint, 3/8" F to 1/4" M adapter •3/8" dr. spark plug sockets (5/8", 13/16") •Long nose plier, diagonal cutter and 6" adjustable wrench •10 SAE and metric combination wrenches •Magnetic bit driver with 20 pc. bit set with holders •Wire crimper with 44 assorted terminals in storage box •Stainless steel scissors, detail brush, break-away knife, electrical tape •150 assorted size and colour cable ties can be kept in built in storage tray •10 ft. tape measure •Tri-fold heavy duty storage case.

Part No. W1519.

285 PC. AUTOMOTIVE ELECTRICAL REPAIR KIT

•Great for use on automotive, marine, industrial and agricultural applications •Contains: wire crimping tool, 6-12 Volt tester, slotted screwdriver, Phillips screwdriver, roll electrical tape, 2 test leads, 32", 5 blade style fuses, 5 glass style fuses, fuse puller, roll primary wire, (10) 1/8" wire clamps, (3) 1/4" wire clamps, 10 heat shrink tubes, 30 small cable ties, 10 medium cable ties, 10 large cable ties, 6 rubber grommets, 26 assorted wire nuts, 160 assorted terminals, plastic organizer case.

Part No. W5207.

Performance Tool®

Impact Sockets

3/8" DRIVE IMPACT SOCKETS

PART NO.	SIZE
M750-12	3/8"
M750-14	7/16"
M750-16	1/2"
M750-18	9/16"
M750-20	5/8"
M750-22	11/16"
M750-24	3/4"
M750-26	13/16"
M750-28	7/8"
M751-10	10 mm
M751-11	11 mm
M751-12	12 mm
M751-13	13 mm
M751-14	14 mm
M751-15	15 mm
M751-16	16 mm
M751-17	17 mm
M751-18	18 mm
M751-19	19 mm

3/8" DRIVE DEEP IMPACT SOCKETS

PART NO.	SIZE
M752-12	3/8"
M752-14	7/16"
M752-16	1/2"
M752-18	9/16"
M752-20	5/8"
M752-22	11/16"
M752-24	3/4"
M752-26	13/16"
M752-28	7/8"
M753-10	10 mm
M753-11	11 mm
M753-12	12 mm
M753-13	13 mm
M753-14	14 mm
M753-15	15 mm
M753-16	16 mm
M753-17	17 mm
M753-18	18 mm
M753-19	19 mm

3/8" DRIVE FLEX IMPACT SOCKETS

PART NO.	SIZE
M758-12	3/8"
M758-14	7/16"
M758-16	1/2"
M758-18	9/16"
M758-20	5/8"
M758-22	11/16"
M758-24	3/4"
M759-10	10 mm
M759-11	11 mm
M759-12	12 mm
M759-13	13 mm
M759-14	14 mm
M759-15	15 mm

3/8" DRIVE FLEX DEEP IMPACT SOCKETS

PART NO.	SIZE
M758-34	1/2"
M758-36	9/16"
M758-38	5/8"
M758-40	11/16"
M759-16	16 mm
M759-17	17 mm
M759-18	18 mm

1/2" DRIVE IMPACT SOCKETS

PART NO.	SIZE
M754-14	7/16"
M754-16	1/2"
M754-18	9/16"
M754-20	5/8"
M754-22	11/16"
M754-24	3/4"
M754-26	13/16"
M754-28	7/8"
M754-30	15/16"
M754-32	1"
M754-34	1-1/16"
M754-36	1-1/8"
M754-40	1-1/4"
M754-42	1-5/16"
M755-10	10 mm
M755-11	11 mm
M755-12	12 mm
M755-13	13 mm
M755-14	14 mm
M755-15	15 mm
M755-16	16 mm
M755-17	17 mm
M755-18	18 mm
M755-19	19 mm
M755-20	20 mm
M755-21	21 mm
M755-22	22 mm
M755-24	24 mm
M755-26	26 mm
M755-27	27 mm

1/2" DRIVE DEEP IMPACT SOCKETS

PART NO.	PART NO. CARDED	SIZE
M756-14		7/16"
M756-16	M841	1/2"
M756-18	M842	9/16"
M756-20	M843	5/8"
M756-22	M844	11/16"
M756-24	M845	3/4"
M756-26	M846	13/16"
M756-28	M847	7/8"
M756-30	M848	15/16"
M756-32	M849	1"
M756-34		1-1/16"
M756-36		1-1/8"
M756-38		1-3/16"
M756-40		1-1/4"
M757-10	M860	10 mm
M757-11		11 mm
M757-12	M862	12 mm
M757-13	M863	13 mm
M757-14	M864	14 mm
M757-15	M865	15 mm
M757-16		16 mm
M757-17	M867	17 mm
M757-18	M868	18 mm
M757-19	M869	19 mm
M757-20		20 mm
M757-21	M871	21 mm
M757-22		22 mm
M757-23		23 mm
M757-24		24 mm
M757-26		**26 mm**
M757-27		27 mm
M757-30		30 mm
M757-32		32 mm

1/2" DRIVE FLEX IMPACT SOCKETS

PART NO.	SIZE
M760-14	7/16"
M760-16	1/2"
M760-18	9/16"
M760-20	5/8"
M760-22	11/16"
M760-24	3/4"
M760-26	13/16"
M760-28	7/8"
M761-13	13 mm
M761-14	14 mm
M761-15	15 mm
M761-16	16 mm
M761-17	17 mm
M761-18	18 mm
M761-19	19 mm

Impact

1/2" DRIVE 2 IN 1 FLIP IMPACT SOCKET

•Sizes: 3/4" and 13/16"
Part No. M587C.

Deep Impact

Flip Impact

Flex Impact

BUDD WHEEL SOCKETS

•Sizes: 1-1/2" x 13/16" •Extra deep design allows removal of both nut and stud with 1 socket. Fits most domestic trucks with dual rear wheels
Part No. M782, 3/4" drive.
Part No. M783, 1" drive.

3/4" DRIVE IMPACT SOCKETS

PART NO.	SIZE
M740-24	3/4"
M740-26	13/16"
M740-27	13/16"(S)
M740-28	7/8"
M740-30	15/16"
M740-32	1"
M740-34	1-1/16"
M740-36	1-1/8"
M740-38	1-3/16"
M740-40	1-1/4"
M740-42	1-5/16"
M740-44	1-3/8"
M740-46	1-7/16"
M740-48	1-1/2"

(S) Square

3/4" DRIVE DEEP IMPACT SOCKETS

PART NO.	SIZE
M742-32	1"
M742-34	1-1/16"
M742-36	1-1/8"
M742-40	1-1/4"
M742-42	1-5/16"
M742-44	1-3/8"
M742-46	1-7/16"
M742-48	1-1/2"
M743-33	33 mm

1" DRIVE IMPACT SOCKETS

PART NO.	SIZE
M745-10	13/16"(S)
M745-12	7/8"
M745-14	15/16"
M745-16	1"
M745-22	1-3/16"
M745-32	1-1/2"
M747-20	1-1/4"(D)
M747-30	1-1/2"(D)

(S) Square
(D) Deep

Performance Tool®

Impact Sockets & Accessories

M588DB

M594DB

M592DB

M590DB

M596

M792

M762 M764 M765

M763 M766

IMPACT DRIVE ACCESSORIES

Part No. M762, 3/8" (F) to 1/2" (M) Impact Adaptor.
Part No. M764, 1/2" (F) to 3/4" (M) Impact Adaptor.
Part No. M767, 3/8" dr. Impact Universal Joint.
Part No. M768, 1/2" dr. Impact Universal Joint.
Part No. M763, 1/2" (F) to 3/8" (M) Impact Adaptor.
Part No. M765, 3/4" (F) to 1/2" (M) Impact Adaptor.
Part No. M766, 1/2" (F) to 3/8" (M) Impact Wobble Adaptor.
Part No. M769, 1/2" dr. x 3" Impact Extension.
Part No. M770, 1/2" dr. x 5" Impact Extension.
Part No. M780, 3/4" (F) to 1" (M) Impact Adaptor.
Part No. M785, 1" (F) to 3/4" (M) Impact Adaptor.
Part No. M963, 1/2" (F) to 3/8" (M) Impact Adaptor.

Impact Socket Sets

PART NO.	DESCRIPTION
	8 pc. 3/8" dr. Impact Socket Set in metal tray
M588DB	SAE sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
M589DB	Metric sizes: 8 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 17 mm, 19 mm
	8 pc. 3/8" dr. Deep Impact Socket Set in metal box
M594DB	SAE sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"
M595DB	Metric sizes: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 16 mm, 17 mm, 19 mm
	10 pc. 1/2" dr. Impact Socket Set in metal tray
M592DB	SAE sizes: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
M593DB	Metric sizes: 11 mm, 12 mm, 13 mm, 14 mm, 16 mm, 17 mm, 19 mm, 21 mm, 22 mm, 24 mm
	11 pc. 1/2" dr. Deep Impact Socket Set in metal box
M590DB	SAE sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
M591DB	Metric sizes: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 16 mm, 17 mm, 19 mm, 21 mm, 22 mm, 24 mm
	8 pc. 1/2" dr. Flex Impact Socket Set in metal box
M596	SAE sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"
M596M	Metric sizes: 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 21 mm
	8 pc. 3/4" dr. Impact Socket Set in metal box - Chrome Moly steel construction
M790	SAE sizes: 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2"
	8 pc. 3/4" dr. Deep Impact Socket Set in metal box - Chrome Moly steel construction
M791	SAE sizes: 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2"
	11 pc. 3/4" dr. Truck Impact Socket Set in metal box - Chrome Moly steel construction
M792	SAE sizes: 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-1/2" and 13/16" square budd

Star & Hex Sockets

1/4", 3/8", 1/2" DRIVE STAR BIT SOCKETS

- Chrome Vanadium Constructed (Hang Tag)

PART NO.	STAR SIZE	DRIVE SIZE
W36810	T-10	1/4"
W36815	T-15	1/4"
W36820	T-20	1/4"
W36825	T-25	1/4"
W36827	T-27	1/4"
W36830	T-30	1/4"
W38840	T-40	3/8"
W38845	T-45	3/8"
W38847	T-47	3/8"
W38850	T-50	3/8"
W38855	T-55	3/8"
W32860	T-60	1/2"

1/4", 3/8", 1/2" DRIVE STAR BIT SOCKETS

- Chrome Vanadium Constructed (Carded)

PART NO.	STAR SIZE	DRIVE SIZE
W1320	T-10	1/4"
W1321	T-15	1/4"
W1322	T-20	1/4"
W1323	T-25	1/4"
W1324	T-27	1/4"
W1325	T-30	1/4"
W1326	T-40	3/8"
W1327	T-45	3/8"
W1328	T-47	3/8"
W1329	T-50	3/8"
W1330	T-55	3/8"
W1331	T-60	1/2"

1/4", 3/8" DRIVE TAMPER RESISTANT STAR BIT SOCKETS

- Chrome Vanadium Constructed

PART NO.	STAR SIZE	DRIVE SIZE
W1358	T-10	1/4"
W1359	T-15	1/4"
W1360	T-20	1/4"
W1361	T-25	1/4"
W1362	T-27	1/4"
W1363	T-30	1/4"
W1364	T-40	3/8"
W1365	T-45	3/8"
W1366	T-47	3/8"
W1367	T-50	3/8"
W1369	T-60	3/8"

3/8" HEX BIT SOCKETS

- Chrome Vanadium Constructed

PART NO.	SIZE	LENGTH
W38874	1/8"	1-7/8"
W38875	9/64"	1-7/8"
W38876	5/32"	1-7/8"
W38877	3/16"	1-7/8"
W38878	7/32"	1-7/8"
W38879	1/4"	1-7/8"
W38880	5/16"	1-7/8"
W38881	3/8"	1-7/8"
W38893	3 mm	1-7/8"
W38894	4 mm	1-7/8"
W38895	5 mm	1-7/8"
W38896	6 mm	1-7/8"
W38897	7 mm	1-7/8"
W38898	8 mm	1-7/8"
W38899	9 mm	1-7/8"
W38900	10 mm	1-7/8"

1/4", 3/8" DRIVE EXTERNAL STAR SOCKETS

- Chrome Vanadium Constructed

PART NO.	STAR
W81006	E-6
W81007	E-7
W81008	E-8
W81010	E-10
W81012	E-12
W81014	E-14
W81016	E-16
W81018	E-18

Star Bit Sockets

Hex Bit Sockets

Performance Tool®

Star & Hex Socket Sets

PART NO.	DESCRIPTION
W1318	**6 pc. 1/4" dr. Star Bit Socket Set** Includes: T-10, T-15, T-20, T-25, T-27, T-30 •Storage rail
W1178	**9 pc. 3/8" dr. Star Bit Socket Set** Includes: T-10, T-15, T-20, T-25, T-27, T-30, T-40, T-45, T-50 •Storage rail
W1385	**9 pc.Tamper Resistant Star Bit Socket Set** Includes: 1/4" dr. - T-10, T-15, T-20, T-25, T-27, T-30 •3/8" dr. - T-40, T-45, T-50 •Storage rail
W38802	**12 pc. Star Bit Socket Set** Includes 1/4", 3/8", 1/2" drive 12 piece: T-10, T-15, T-20, T-25, T-27, T-30, T-40, T-45, T-47, T-50, T-55, T-60
W1335	**12 pc. Star Bit Socket Set** Includes 1/4", 3/8", 1/2" drive 12 piece: T-10, T-15, T-20, T-25, T-27, T-30, T-40, T-45, T-47, T-50, T-55, T-60 •Storage rail
W1338	**9 pc. External Star Socket Set** Includes 3/8" to 1/4" drive adaptor •8 sizes: 1/4" dr. - E-5, E-6, E-7, E-8 3/8" dr. - E-10, E-12, E-14, E-16 •Storage rail
W38870	**8 pc. 3/8" SAE Hex Bit Socket Set** Includes: 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
W38890	**8 pc. 3/8" Metric Hex Bit Socket Set** Includes: 3 mm, 4 mm, 5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm
W1387	**10 pc. 3/8" SAE Hex Bit Socket Set** Includes: 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8" •Storage rail
W1388	**10 pc. 3/8" Metric Hex Bit Socket Set** Includes: 2 mm, 3 mm, 4 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm •Storage rail

W38802

W38870

W1387

Hex Key Sets

PART NO.	DESCRIPTION
	10 pc. T-Handle Hex Key Set •High quality carbon steel shafts •Black oxide finish •PVC T-handles for added torque and comfort •Handy storage rack
W80274	SAE Sizes: 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
W80275	Metric Sizes: 2 mm, 2.5 mm, 3 mm, 4 mm, 4.5 mm, 5 mm, 5.5 mm, 6 mm, 8 mm, 10 mm
W80277	**10 pc. SAE/Metric T-Handle Hex Key Set** •High quality carbon steel shafts •Black oxide finish •PVC T-handles for added torque and comfort •SAE wrenches are orange, Metric are green •Handy storage rack •Sizes: 1/8", 5/32", 3/16", 5/16", 3/8", 3 mm, 4 mm, 5 mm, 6 mm, 8 mm
	7 pc. Folding Hex Key Set •Heat treated alloy steel •Chrome plated jack knife style holder
W998C	SAE Sizes: .050", 1/16", 5/64",3/32", 1/8", 5/32", 3/16"
W999C	Metric Sizes: 1.27 mm, 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm
	8 pc. Hex Key Set •Heat treated alloy steel •Includes handy key ring style holder to keep keys organized
W1109C	SAE Sizes: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4"
W1108C	Metric Sizes: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 5.5 mm, 6 mm
	8 pc. Heavy Duty Hex Key Set •Heat treated alloy steel •Includes handy key ring style holder to keep keys organized
W1110C	SAE Sizes: 5/64",3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"
W1113C	Metric Sizes: 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm
W80280	**22 pc. Ball End Hex Key Set** •Heat treated alloy steel •Includes plastic holders for storage •SAE Shank: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8" •Metric Shank: 1.27 mm, 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 4.5 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 10 mm
W80281	**25 pc. SAE & Metric Hex Key Set** •Heat treated alloy steel •Includes 2 plastic holders for storage, 1 for SAE and 1 for Metric •Long Shank: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8" •Regular Shank: 1.27 mm, 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 4.5 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 10 mm
	12 pc. SAE Hex Key Set •Heat treated alloy steel •Includes plastic holder for storage •Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16"
W1391	Regular Shank Set
W1393	Long Shank Set
	9 pc. Metric Hex Key Set •Heat treated alloy steel •Includes plastic holder for storage •Sizes: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm
W1392	Regular Shank Set
W1394	Long Shank Set
W75933	**9 pc. L Type Star Wrench Set** •Drop forged steel construction •Roll pouch for storage •9 sizes: T-10, T-15, T-20, T-25, T-27, T-30, T-40, T-45, T-50
W1315	**8 pc. L Type Star Wrench Set** •Chrome Vanadium steel construction •Heat treated for strength •Handy "key ring" holder •8 sizes: T-9, T-10, T-15, T-20, T-25, T-27, T-30, T-40
W1317	**8 pc. Folding Star Key Set** •Chrome Vanadium steel construction •Corrosion resistant black oxide finish •8 sizes: T-9, T-10 T-25, T-27, T-30, T-40

W80274

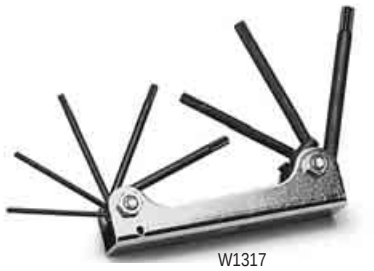
W80277

W1108C

W1391

W1393

W75933


W1317

RAISED PANEL COMBINATION WRENCHES

Chrome Vanadium Construction, Satin Finish

PART NO.	SIZE	LENGTH
W320C	1/4"	3-5/8"
W321C	5/16"	3-7/8"
W322C	3/8"	4-1/2"
W323C	7/16"	5-1/8"
W324C	1/2"	5-3/4"
W325C	9/16"	6-5/8"
W326C	5/8"	7-1/8"
W327C	11/16"	8-1/8"
W328C	3/4"	9"
W329C	13/16"	10-1/8"
W330C	7/8"	11"
W331C	15/16"	12-1/8"
W332C	1"	12-3/4"
W333C	1-1/16"	14-1/4"
W334C	1-1/8"	14-7/8"
W340C	1-1/4"	16"

PART NO.	SIZE	LENGTH
W308C	6 mm	3-5/8"
W309C	7 mm	3-7/8"
W310C	8 mm	4-1/8"
W311C	9 mm	4-3/8"
W312C	10 mm	4-7/8"
W313C	11 mm	5-1/8"
W314C	12 mm	5-5/8"
W315C	13 mm	5-3/4"
W316C	14 mm	6-5/8"
W317C	15 mm	7-1/8"
W318C	17 mm	8-1/8"
W349C	18 mm	9"
W319C	19 mm	9"
W341C	21 mm	10-1/4"
W342C	22 mm	10-7/8"

STANDARD LENGTH COMBINATION WRENCHES

Chrome Vanadium Construction, Fully Polished

PART NO.	SIZE	LENGTH
W30208	1/4"	3-7/8"
W30210	5/16"	4"
W30212	3/8"	4-1/2"
W30214	7/16"	5-1/8"
W30216	1/2"	5-3/4"
W30218	9/16"	6-5/8"
W30220	5/8"	7-1/8"
W30222	11/16"	8-1/8"
W30224	3/4"	9"
W30226	13/16"	10-1/8"
W30228	7/8"	11"
W30230	15/16"	12-1/8"
W30232	1"	12-3/4"
W30234	1-1/16"	14-1/4"
W30236	1-1/8"	15"
W30240	1-1/4"	16-1/8"

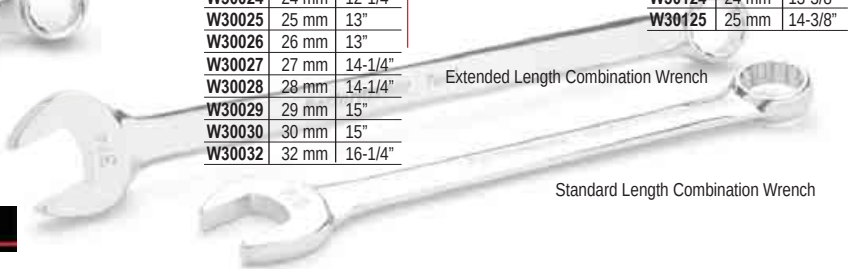
PART NO.	SIZE	LENGTH
W30006	6 mm	3-7/8"
W30007	7 mm	3-7/8"
W30008	8 mm	4-1/8"
W30009	9 mm	4-5/8"
W30010	10 mm	4-7/8"
W30011	11 mm	5-1/8"
W30012	12 mm	5-5/8"
W30013	13 mm	5-3/4"
W30014	14 mm	6-5/8"
W30015	15 mm	7-1/8"
W30016	16 mm	8-1/8"
W30017	17 mm	8-1/8"
W30018	18 mm	9"
W30019	19 mm	9"
W30020	20 mm	10-1/4"
W30021	21 mm	10-1/4"
W30022	22 mm	10-7/8"
W30023	23 mm	10-7/8"
W30024	24 mm	12-1/4"
W30025	25 mm	13"
W30026	26 mm	13"
W30027	27 mm	14-1/4"
W30028	28 mm	14-1/4"
W30029	29 mm	15"
W30030	30 mm	15"
W30032	32 mm	16-1/4"

EXTENDED LENGTH COMBINATION WRENCHES

Chrome Vanadium Construction, Fully Polished

PART NO.	SIZE	LENGTH
W30308	1/4"	5-1/16"
W30310	5/16"	5-13/16"
W30312	3/8"	6-9/16"
W30314	7/16"	6-9/16"
W30316	1/2"	8-1/16"
W30318	9/16"	8-3/4"
W30320	5/8"	9-9/16"
W30322	11/16"	10-5/16"
W30324	3/4"	11-1/16"
W30326	13/16"	11-7/8"
W30328	7/8"	12-9/16"
W30330	15/16"	13-3/8"
W30332	1"	14-1/8"

PART NO.	SIZE	LENGTH
W30106	6 mm	5-1/16"
W30107	7 mm	5-7/16"
W30108	8 mm	5-13/16"
W30109	9 mm	6-5/16"
W30110	10 mm	6-9/16"
W30111	11 mm	7-5/16"
W30112	12 mm	7-3/4"
W30113	13 mm	8-1/16"
W30114	14 mm	8-3/4"
W30115	15 mm	9-5/32"
W30116	16 mm	9-9/16"
W30117	17 mm	10-5/16"
W30118	18 mm	10-3/4"
W30119	19 mm	11-1/16"
W30120	20 mm	11-7/8"
W30121	21 mm	11-7/8"
W30122	22 mm	12-9/16"
W30123	23 mm	13-3/8"
W30124	24 mm	13-3/8"
W30125	25 mm	14-3/8"



Extended Length Combination Wrench

Standard Length Combination Wrench

Performance Tool

FLARE NUT WRENCHES

•Chrome Vanadium Construction •Fully Polished

PART NO.	SIZE	LENGTH
W30402	3/8" x 7/16"	6"
W30403	1/2" x 9/16"	7"
W30404	5/8" x 11/16"	7-3/4"
W30405	3/4" x 7/8"	8-5/32"
W30409	9 x 11 mm	5-29/32"
W30410	10 x 12 mm	6"
W30413	13 x 14 mm	7"
W30415	15 x 17 mm	7-3/4"
W30416	16 x 18 mm	8-5/32"
W30419	19 x 21 mm	8-1/8"

FLARE NUT WRENCHES

•Drop Forged Carbon Steel •Chrome Plated

PART NO.	SIZE
W360	3/8" x 7/16"
W361	1/2" x 9/16"
W362	11/16" x 5/8"
W365	10 x 12 mm
W366	13 x 14 mm
W367	15 x 17 mm

3/8" DR. OPEN END CROWFOOT WRENCHES

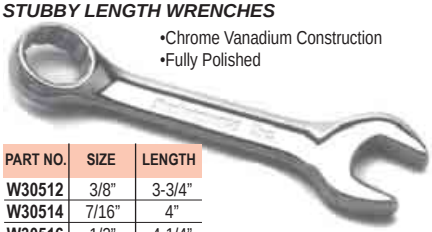
•Drop forged heat treated alloy steel

PART NO.	SIZE
W426	10 mm
W428	12 mm
W429	13 mm
W430	14 mm
W431	15 mm
W433	17 mm
W435	19 mm

PART NO.	SIZE
W441	3/8"
W442	7/16"
W443	1/2"
W444	9/16"
W445	5/8"
W446	11/16"
W447	3/4"

STUBBY LENGTH WRENCHES

•Chrome Vanadium Construction
•Fully Polished



PART NO.	SIZE	LENGTH
W30512	3/8"	3-3/4"
W30514	7/16"	4"
W30516	1/2"	4-1/4"
W30518	9/16"	4-9/16"
W30520	5/8"	4-13/16"
W30522	11/16"	5-1/4"
W30524	3/4"	5-1/2"
W30610	10 mm	3-3/4"
W30611	11 mm	4"
W30612	12 mm	4-1/8"
W30613	13 mm	4-1/4"
W30614	14 mm	4-9/16"
W30615	15 mm	4-3/4"
W30616	16 mm	4-13/16"
W30617	17 mm	5-1/8"
W30618	18 mm	5-1/4"
W30619	19 mm	5-1/2"

COMBINATION WRENCHES

•Carbon Steel

JUMBO

PART NO.	SIZE
W343B	1-3/8"
W344B	1-1/2"
W345B	1-5/8"
W346B	1-3/4"
W347B	1-7/8"
W348B	2"
W353B	2-1/8"
W354B	2-1/4"
W355B	2-3/8"
W356B	2-1/2"
W376B	1-5/16"
W377B	1-7/16"
W378B	1-11/16"
W379B	1-13/16"

REGULAR

PART NO.	SIZE
W322CB	3/8"
W312CB	10 mm
W313CB	11 mm
W314CB	12 mm
W315CB	13 mm
W316CB	14 mm
W317CB	15 mm

ADJUSTABLE WRENCHES

•Heat treated alloy steel, polished heads
•Precision crafted for smooth operation

PART NO.	SIZE
W4C*	4"
W6B	6"
W6C*	6"
W8B	8"
W8C*	8"
W10C*	10"
W12C*	12"
W415C	15"
W418P	18"
W424P	24"

*Carded

ADJUSTABLE WRENCHES

•Chrome Vanadium Construction
•Corrosion Resistant

PART NO.	SIZE
W30704	4"
W30706	6"
W30708	8"
W30710	10"
W30712	12"

Pipe Wrenches

HEAVY DUTY PIPE WRENCHES

•Drop forged steel jaws

PART NO.	SIZE
W1133-8B	8"
W1133-10B	10"
W1133-12B	12"
W1133-14B	14"
W1133-18B	18"
W1133-24B	24"
W1133-36B	36"

ALUMINUM PIPE WRENCHES

PART NO.	SIZE
W2110	10"
W2114	14"
W2118	18"
W2124	24"
W2136	36"
W2148	48"

Assorted Wrench Sets

PART NO.	DESCRIPTION
W1080	**30pc. Standard & Stubby Combination SAE/Metric Wrench Set** - •Polished chrome Vanadium steel construction •Durable plastic rack separates for handy storage •Standard SAE Sizes: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, and 7/8" •Standard Metric Sizes: 7, 8, 9, 10, 12, 13, 15, 17 and 18 mm •Stubby SAE Sizes: 3/8, 7/16, 1/2, 9/16, 5/8, and 11/16" •Stubby Metric Sizes: 10, 11, 12, 14, 16, and 19 mm
W1081	**30pc. Extended & Stubby Combination SAE/Metric Wrench Set** - •Polished chrome Vanadium steel construction •Durable plastic rack separates for handy storage •Extended SAE Sizes: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, and 7/8" •Extended Metric Sizes: 7, 8, 9, 10, 12, 13, 15, 17 and 18 mm •Stubby SAE Sizes: 3/8, 7/16, 1/2, 9/16, 5/8, and 11/16" •Stubby Metric Sizes: 10, 11, 12, 14, 16, and 19 mm
W1069	**22pc. Combination SAE/Metric Wrench Set** - •Polished chrome Vanadium steel construction •Durable plastic rack separates for handy storage •SAE Sizes: 1/4", 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, and 7/8" •Metric Sizes: 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19 mm
W1060	**18pc. Combination SAE/Metric Wrench Set** - •Raised panel chrome Vanadium steel construction •Durable plastic rack separates for handy storage •SAE Sizes: 1/4", 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, and 3/4" •Metric Sizes: 6, 8, 10, 11, 13, 14, 15, 17, and 18 mm
W1114 W1114M	**14pc. Combination Wrench Sets** - •Standard raised panel •Drop forged chrome plated carbon steel •Vinyl storage pouch •SAE Set: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, and 1-1/4" •Metric Set: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 21, and 22 mm
W1065 W1066	**12pc. Combination Wrench Sets** - •Standard raised panel •Drop forged chrome plated carbon steel •Metal rack for storage on wall or in tool box •SAE Set: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, and 7/8" •Metric Set: 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, and 19 mm
W1100S W1100M	**11pc. Combination Wrench Sets** - •Standard raised panel •Drop forged chrome plated carbon steel •SAE Set: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, and 7/8", vinyl storage pouch •Metric Set: 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, and 19 mm, vinyl pouch
W1061 W1062	**11pc. Combination Wrench Sets** - •Chrome Vanadium construction •Fully polished •Storage rack •SAE Set: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, and 7/8" •Metric Set: 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, and 19 mm
W30202 W30002 W30302 W30102	**10 pc. Combination Wrench Sets** - •Chrome Vanadium construction •Fully polished •SAE Standard Length Set: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, and 13/16" •Metric Standard Length Set: 10, 11, 12, 13, 14, 15, 16, 17, 18, and 19 mm •SAE Extended Length Set: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, and 13/16" •Metric Extended Length Set: 10, 11, 12, 13, 14, 15, 16, 17, 18, and 19 mm
W80050 W80051	**8 pc. Precision Combination Wrench Sets** - •Drop forged carbon steel •Chrome plated •Storage pouch •SAE Set: 7/32, 15/64, 1/4, 9/32, 5/16, 11/32, 3/8, and 7/16" •Metric Set: 5, 5.5, 6, 7, 8, 9, 10, and 11 mm
W351 W352	**8 pc. 3/8" Dr. Crows Foot Wrench Sets** - •Drop forged chrome plated carbon steel •Storage rail •SAE Set: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, and 7/8" •Metric Set: 10, 11, 13, 14, 15, 17, 18, and 22 mm
W453 W452	**10 pc. 3/8" Dr. Open End Crows Foot Wrench Sets** - •Drop forged alloy steel •Chrome plated •SAE Set: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, and 1" •Metric Set: 10, 12, 13, 14, 15, 16, 17, 18, 19, and 21 mm
W30200 W30001	**7 pc. Combination Wrench Sets** - •Chrome Vanadium construction •Fully polished •SAE Standard Length Set: 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, and 3/4" •Metric Standard Length Set: 10, 12, 13, 14, 15, 16, and 18 mm
W30630 W30631	**7 pc. Ratcheting Combination Wrench Sets** - •Chrome Vanadium construction •Fully polished •72 teeth ratcheting gear for power •Slim style, 12 point, box end needs as little as 5° to turn •SAE Set: 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, and 3/4" •Metric Set: 8, 10, 12, 13, 14, 15, and 18 mm

W1081

W1060

W1100S

W351

W30630

Performance Tool®

PERFORMANCE TOOL®

Assorted Wrench Sets

S4

W30430

W1087

PART NO.	DESCRIPTION
	7 pc. Stubby Combination Wrench Sets - •Chrome Vanadium construction •Fully polished
W30507	•SAE Stubby Length Set: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, and 3/4"
W30607	•Metric Stubby Length Set: 10, 12, 13, 14, 15, 18, and 19 mm
	7 pc. Stubby Combination Wrench Sets - •Drop forged carbon steel •Fully polished chrome plated finish
W80054	•SAE Stubby Length Set: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, and 3/4"
W80055	•Metric Stubby Length Set: 10, 12, 13, 14, 15, 17, and 19 mm
	7 pc. Stubby Combination Wrench Sets - •Fully polished chrome Vanadium construction •Storage rack
W1087	•SAE Stubby Length Set: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, and 3/4"
W1097	•Metric Stubby Length Set: 10, 11, 13, 14, 16, 17, and 19 mm
S6	6 pc. Jumbo Combination Wrench Set - •Raised panel design •Drop forged chrome plated carbon steel
	•SAE Sizes: 1-3/8, 1-1/2, 1-5/8, 1-3/4, 1-7/8, and 2"
	5 pc. Combination Wrench Sets - •Standard raised panel •Drop forged chrome plated carbon steel
W15P	•SAE Set: 3/8, 7/16, 1/2, 9/16, and 5/8", carded w/wrench clip
W15MP	•Metric Set: 8, 10, 12, 14, and 17 mm
S4	4 pc. Jumbo Combination Wrench Set - •Raised panel design •Drop forged chrome plated carbon steel
	•SAE Sizes: 2-1/8, 2-1/4, 2-3/8, and 2-1/2"
	4 pc. Flare Nut Wrench Sets - •Chrome Vanadium construction •Fully polished •15° offset
W30430	•SAE Set: 1/4 x 5/16", 3/8 x 7/16", 1/2 x 9/16", 5/8 x 11/16"
W30431	•Metric Set: 9 x 11 mm, 10 x 12 mm, 13 x 14 mm, 16 x 18 mm
	3 pc. Flare Nut Wrench Sets - •Heavy duty drop forged steel •Polished, chrome plated finish
W350	•SAE Set: 3/8 x 7/16", 1/2 x 9/16", 5/8 x 11/16"
W350M	•Metric Set: 10 x 12 mm, 13 x 14 mm, 16 x 18 mm
W719	3 pc. Adjustable Wrench Set - •Drop forged chrome plated carbon steel •Fully polished heads •Carded
	•Set Sizes: 6", 8", 10"

2 PC. ADJUSTABLE WRENCH SET

•Contains 6" and 8" adjustable wrench with machine knurled thumb adjuster for precision jaw positioning •Drop forged steel construction •Chrome plated, fully polished
Part No. W30700.

3 PC. ADJUSTABLE WRENCH SET

•12", 8" and 6" sizes •Precision SAE and Metric rules on wrench heads
•SAE box ends in handles
Part No. W30703.

Pliers

PROFESSIONAL LOCKING PLIERS

•Rugged Construction
Part No. W30752, 5" Curved Jaw.
Part No. W30754, 7" Curved Jaw.
Part No. W30756, 10" Curved Jaw.
Part No. W30758, 6-1/2" Long Nose.
Part No. W30760, 9" Long Nose.
Part No. W30757, 10" Straight Jaw.

PROFESSIONAL COMBINATION PLIERS

•Rugged Construction •Double cushion grip
Part No. W30720, 6" Slip Joint.
Part No. W30721, 8" Slip Joint.
Part No. W30722, 10" Slip Joint.
Part No. W30741, 9-1/2" Groove Joint.
Part No. W30743, 12" Groove Joint.
Part No. W30745, 16" Groove Joint.

PROFESSIONAL SPECIALTY PLIERS

•Rugged Construction •Double cushion grip
Part No. W30725, 6" Diagonal.
Part No. W30726, 8" Diagonal.
Part No. W30728, 8" Linesman.
Part No. W30731, 6" Long Nose.
Part No. W30732, 6" Curved Long Nose.
Part No. W30733, 8" Long Nose.

2 PC. PROFESSIONAL LOCKING PLIER SET

Contains: 6-1/2" long nose and 7" curved jaw locking pliers
Part No. W30750.

LOCK GRIP PLIERS

•Heavy Duty drop forged jaws •Plated for corrosion resistance
Part No. W1038, 5" Curved Jaw - Carded.
Part No. W1040, 5" Curved Jaw - Bulk.
Part No. W1039, 7" Curved Jaw - Carded.
Part No. W1116C, 10" Curved Jaw - Carded.

3 PC. LOCK GRIP PLIER SET

Contains: 5", 7" and 10" locking pliers •Drop forged jaws, milled teeth.
Part No. W1107DB.

Performance Tool®

Pliers

MINI CUSHION GRIP PLIERS
•4-1/2" length reaches tight spots •Drop forged steel construction •Cushion grips
Part No. W1050, Long Nose Plier - Bulk.
Part No. W1051, Flat Nose Plier - Bulk.
Part No. W1053, Bent Nose Plier - Bulk.
Part No. W1054, End Nipper - Bulk.

CUSHION GRIP PLIERS
•Standard lengths for almost every application around the home, shop auto, marine, office, etc. •Drop forged steel construction •Cushion grips
Part No. W1120PC, 6" Slip Joint Plier - Carded.
Part No. W1120PB, 6" Slip Joint Plier - Bulk.
Part No. W1121PC, 8" Slip Joint Plier - Carded.
Part No. W1121PB, 8" Slip Joint Plier - Bulk.
Part No. W1117C, 6" Long Nose Plier - Carded.
Part No. W1117B, 6" Long Nose Plier - Bulk.
Part No. W1122C, 6" Diagonal Cutter - Carded.
Part No. W1122B, 6" Diagonal Cutter - Bulk.
Part No. W1118C, 7" Lineman's Plier - Carded.
Part No. W1119C, 9-1/2" Groove Joint Plier - Carded.
Part No. W1119B, 9-1/2" Groove Joint Plier - Bulk.

LONG HANDLE CUSHION GRIP PLIERS
•11" length reaches tight spots •Drop forged steel construction •Black matte cushion grips
Part No. W1044, Straight tip.
Part No. W1045, 45° tip.
Part No. W1046, 90° tip.
Part No. W1047, Offset tip.
Part No. W1048, 1/2" Hose/Cable.

3 PC. DUAL CUSHION LOCK GRIP PLIER SET
•Includes: 10" curved jaw plier, 7" curved jaw plier and 6½" long nose plier •Ergonomic, soft, cushion grips •Machine polish finish & drop forged.
Part No. W30713.

7 PC. PLIER SET
•Includes: 10" groove joint plier, 7½" diagonal cutter, 8" long nose plier, 8" slip joint plier, 4½" diagonal cutter, bent nose and end nipper pliers.
Part No. W30759.

4 PC. LONG HANDLE PLIER SET
•Includes: 11" 90° bent nose, 45° bent nose and long nose, plus 7" needle nose •Ergonomic, cushion grip handles with safety rests, keep hands from slipping onto plier •Drop forged, hardened and tempered.
Part No. W30714.

4 PC. CUSHION GRIP COMBINATION PLIER/ WRENCH SET
Includes 6" slip joint plier, 6" long nose plier, 6" diagonal plier and 8" adjustable wrench •Double cushion grip handles for comfort and control •Drop forged steel construction •Fully polished & chrome plated.
Part No. W1070.

2 PC. CUSHION GRIP COMBINATION PLIER SET
Includes 8" slip joint and 10" groove joint plier •Double cushion grip handles •Drop forged steel construction •Fully polished & chrome plated.
Part No. W1071.

4 PC. CUSHION GRIP PLIER SET
Includes 6" slip joint, 6" long nose, 6" diagonal cutter and 7" lineman's plier •Drop forged steel.
Part No. W3003DB.

5 PC. MINI PLIER SET
Includes long nose, flat nose, diagonal cutter, bent nose and end nipper •Heat treated alloy steel •Spring loaded handles w/cushion grips.
Part No. W1132.

FENCE REPAIR PLIER
•Comfort grip handles •Features: hammer head, pick end, wire cutters, etc.
Part No. W1500.

Performance Tool®

PERFORMANCE TOOL®
Screwdrivers & Nutdrivers

PROFESSIONAL SCREWDRIVERS - 100% acetate handles - Blackened tips

STARDRIVERS

PART NO.	STAR SIZE
W30810	T-10
W30815	T-15
W30820	T-20
W30825	T-25
W30827	T-27
W30830	T-30

PHILLIPS Screwdrivers

PART NO.	BLADE SIZE	LENGTH
W30960	#0	2-1/2"
W30961	#1	3"
W30962	#1	6"
W30967	#2 (stubby)	1-1/2"
W30963	#2	4"
W30964	#2	6"
W30965	#2	8"
W30968	#3	6"
W30969	#4	8"

SLOTTED Screwdrivers

PART NO.	BLADE SIZE	LENGTH
W30970	1/8"	3"
W30986	3/16"	3"
W30987	3/16"	6"
W30994	1/4" (stubby)	1-1/2"
W30988	1/4"	4"
W30989	1/4"	6"
W30990	1/4"	8"
W30991	5/16"	6"
W30995	5/16"	8"
W30992	3/8"	8"
W30993	3/8"	10"
W30983	3/8"	12"

STARDRIVERS

•Heat treated alloy steel shafts with magnetic tips •Carded
Part No. W86007, T-7.
Part No. W86008, T-8.
Part No. W86009, T-9.

PRO STYLE NUT DRIVERS

•Clear, oversized handles for easy use •Hollow shafts
•Chrome Vanadium steel construction

PART NO.	SIZE
W30920	3/16"
W30922	1/4"
W30923	5/16"
W30925	3/8"
W30927	1/2"

PART NO.	SIZE
W30905	5 mm
W30906	6 mm
W30907	7 mm
W30908	8 mm
W30909	9 mm
W30910	10 mm
W30912	12 mm

7 pc. PRO STYLE NUT DRIVER SET

•Includes sizes: 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2"
•Carded
Part No. W950.

6 IN 1 QUICK-CHANGE SCREWDRIVER

•Includes 3/16" and 1/4" slotted, #1 and #2 Phillips bits •High visibility orange handle •Positive grip double ended bit holder with 1/4" and 5/16" nutdrivers •Bulk
Part No. W975.

4 IN 1 STAR-BIT SCREWDRIVER

•Magnetic tip holds bits in place •Bits store in handle •Sizes: T15, T20, T25, T30 •Carded
Part No. W940C.

8 IN 1 LIGHTED RATCHETING MAGNETIC SCREWDRIVER W/ Telescoping Retriever

•Dual lights in handle, shaft mounted bit holder •3-way ratcheting action: forward, lock reverse •6 screwdriver bits: #1 and #2 Phillips, 3/16" and 1/4" slotted, T-15 Star, R-2 Robertson •Magnetic retriever extends to 24-7/8" •Uses 2 AAA batteries (not included).
Part No. W937.

8 IN 1 LIGHTED MAGNETIC SCREWDRIVER W/ Telescoping Retriever

•Dual lights illuminate dark, confined areas •Shaft mounted bit holder •6 screwdriver bits: #1 , #2, #3 Phillips, 1/8", 3/16" and 1/4" slotted •Magnetic retriever extends to 23-1/2" •Uses 2 AAA batteries (not included)
Part No. W971.

8 IN 1 MAGNETIC SCREWDRIVER W/ Telescoping Retriever

•Removable bit holder •7 screwdriver bits: #1 , #2, #3 Phillips, 3/16" and 1/4" slotted, T-15, T-20 Star •Magnetic retriever extends to 23-1/2".
Part No. W973.

HI-TORQUE RATCHETING SCREWDRIVER W/ BITS

•Includes bit sizes: 3/16" & 1/4" slotted, #1 and #2 Phillips, T-15 and T-20 Star, S2 Square •Forward, reverse and lock •Compact, stubby design •Rubber cushion grip handle •Chrome Vanadium steel construction
Part No. W38937.

Performance Tool®

Screwdriver Sets

PART NO.	DESCRIPTION
W1316	2 pc. Offset Stardriver Set •90° offset allows access to confined areas •Fully polished chrome plated drop forged steel •Indispensible for restricted areas •Sizes: T-10 x T-15 and T-20 x T-30 •Carded
W921	3 pc. Offset Screwdriver Set •Drop forged chrome plated steel •Heat treated for long life •Knurled shafts for better grip •3 sizes: 3/16" slotted x #1 Phillips, 1/4" slotted x #2 Phillips, 5/16" slotted x #3 Phillips •Carded
W907	2 pc. Pocket Clip Screwdriver Set •2-1/2" pocket clip screwdrivers •Yellow and black line colour handles with handy pocket clip •Polished chrome plated alloy steel shafts •Magnetic tips •Sizes: #0 Phillips, 1/8" slotted •Carded
W924	3 pc. Long Shaft Screwdriver Set •22-1/2" overall length •2 colour plastic and rubber comfort and grip handles •Chrome Vanadium steel shafts with magnetic tips •Sizes: #2 Phillips, #3 Phillips, 1/4" slotted •Clamshell
W80004	4 pc. Mini Stubby Screwdriver Set •Contains: Phillips #1 and #2, Slotted 3/16" and 1/4" •Carded
W900S	5 pc. Stardriver Set •Heat resistant handles •Heat treated alloy steel shafts •Magnetic tips •Sizes: T-15, T-20, T-25, T-27, T-30 •Carded
W80025	5 pc. Purple Stardriver Set •Pro style PVC handles •Chrome Vanadium steel shafts •Magnetic tips •Sizes: T-10, T-15, T-20, T-25, T-30 •Clamshell
W1308	6 pc. Stardriver Set w/Rack •High visibility orange pro style handles •Chrome Vanadium steel shafts with magnetic tips •Storage rack with mounting screws •Contains T-10, T-15, T-20, T-25, T-27, T-30 •Carded
W80006	6 pc. Stardriver Set w/Rack •Oversized handles •Magnetic tips •Contains T-10, T-15, T-20, T-25, T-27, T-30 •Carded
W944S	6 pc. Precision Screwdriver Set •Hardened and tempered tool steel blades •Chrome plated handles •Great for electronics, computers, hobbies and eye glasses •6 slotted sizes: .9 mm, 1.2 mm, 1.8 mm, 2.4 mm, 3.0 mm, 3.5 mm •Plastic case •Carded
W80020	6 pc. Screwdriver Set •Pro style PVC handles •Chrome Vanadium steel shafts with hex bolster •Magnetic tips •3 red slotted sizes: 3/16" x 3", 1/4" x 4", 5/16" x 6" •3 yellow Phillips sizes: #1 x 3", #2 x 4", #3 x 6" •Packed in reusable storage tray
W80008	8 pc. Screwdriver Set •Oversized handles •Magnetic tips •Contains: Phillips #1 x 3", #2 x 1-1/2", #2 x 4" •Slotted 3/16 x 3", 1/4 x 1-1/2", 1/4 x 4" •Star T-15, T-20 x 4" •Carded
W941	8 pc. Specialty Pick & Driver Set •High visibility handles •Chrome Vanadium steel shafts •Magnetic tips •Contains: curved hook, offset 45° hook, 90° hook and straight pick, T-15 and T-20 stardrivers, 1/8" slotted screwdriver, #0 Phillips screwdriver •Carded
W904 W904GN W901S	8 pc. Pro Style Screwdriver Set - •Pro styles handles •Chrome Vanadium shafts with hex bolsters on larger drivers •Magnetic tips •5 slotted sizes: 3/8" x 8", 5/16" x 6", 1/4" x 4", 3/16" x 3", 1/4" x 1-1/2" stubby •3 Phillips sizes: #2 x 4, #1 x 3, and #2 x 1-1/2" stubby •Clamshell High Visibility Orange PVC handles High Visibility Green PVC handles Black Poly-Propylene handles
W943	9 pc. Lighted Precision Screwdriver Set •Contains lighted screwdriver handle and 8 precision screwdriver tip assemblies sizes: slotted: 1.6, 2.0, 2.4, 3.0 mm, Phillips: 1.6, 2.0, 2.4, 3.0 mm •Operates on 1 AAA battery (not included) •Plastic storage case
W80015	15 pc. Screwdriver Set •Oversized handles •Magnetic tips •Contains: Phillips #0 x 2-1/2", #1 x 3", #2 x 1-1/2", #2 x 4", #3 x 6" •Slotted 1/8" x 2-1/2", 3/16" x 3", 1/4" x 1-1/2", 1/4" x 4", 5/16" x 6" •Star T-15, T-20 x 4", Square R2 x 4", Offset 3/16" slotted and #1 Phillips, scratch awl •Carded
W903	17 pc. Cushion Grip Screwdriver Set •Chrome Vanadium shafts •Slotted sizes: 3/16" x 3", 1/8" x 3", 1/4" x 4", 1/4" x 1-1/2" •Phillips sizes: #1 x 3", #0 x 3", and #2 x 1-1/2", #2 x 4", #3 x 6" •Star sizes: T-10 x 4", T-15 x 4" •Precision Phillips 2.4 & 3.0 x 75 mm, and Precision slotted 2.0 & 2.4 x 75 mm
W80022	22 pc. Screwdriver Set •Pro style PVC handles •Chrome Vanadium steel shafts with hex bolster on larger drivers •Magnetic tips •8 red slotted sizes: 3/8" x 10", 5/16" x 8", 1/4" x 6", 1/4" x 4", 3/16" x 4", 1/8" x 3", 1/4" x 1-1/2" stubby, 5/32" x 4" w/screw starter •5 yellow Phillips sizes: #3 x 6", #2 x 4", #1 x 3", #0 x 3", #2 x 1-1/2" •3 teal Stardrivers sizes: T-10, T-15, T-20 •5 green Nutdrivers sizes: 3/16", 1/4", 5/16", 3/8", 7/16" •1 teal tack puller •Packed in reusable storage tray
W80028	28 pc. Mechanic's Screwdriver Set •Contains: 7 Square Shaft Slotted Screwdrivers, 2 Round Shaft Slotted Screwdrivers, 6 Phillips Screwdrivers, 2 Offset Screwdrivers and 3 Star Drivers, 2 Precision Screwdrivers: Slotted & Phillips, Spark Plug Gapper, Bonus 45°, 90°, Hook and Straight Specialty Pick Set
W1355	29 pc. Ratchet Driver Set •Reversible ratchet screwdriver •1/4" dr. hex adaptor •(11) 30 mm heat treated alloy steel bits: regular, Phillips, star and hex •(12) 1/4" dr. 6 pt. sockets: 1/4" — 1/2" and 5 — 10 mm •2 bit boots and 2 socket boots •Clamshell
W1356	45 pc. Lighted Driver & Bit Set •6 bit holder built into shaft of screwdriver •Cushioned grip for added comfort •Dual bulbs in handle illuminate your work •Quick change bits w/ 2-1/4" magnetic extension •Chrome vanadium steel bit construction •High carbon steel sockets •Handy storage case

W80025

W80020

W1308

W941

W1356

W80028

W80022

PERFORMANCE TOOL®

Bit & Drill Bit Sets

W1386

W9015

PART NO.	DESCRIPTION
W1386	8 pc. Tamper Resistant Star Bit Set •Heat treated alloy steel •1/4" hex to 1/4" square drive adaptor •Includes storage boot •Sizes: T10, T15, T20, T25, T27, T30, T40 •Carded
W1354	12 pc. Power Bit & Socket Set •Heat treated alloy steel •(7) 1/4" hex drive bits: #1, #2, #3 Phillips, 5/32", 1/4" Slotted, T10, T15 Star •1/4" hex to 1/4" square drive adaptor •(4) 1/4" drive sockets sizes: 3/16", 1/4", 5/16", 3/8" •Carded
W9015	21 pc. Black Polish High Speed Drill Bit Set •Ideal for drilling plastic, wood, metal •Handy storage case
W9016	21 pc. Drill Bit Set with Titanium Coating •Great for drilling plastic, wood, metal •Handy storage case
W1343	25 pc. Quik Change Drill Bit Set with Titanium Coating •Contains: 1 Quik change holder •3 SAE nut drivers •12 assorted 2" length Chrome Vanadium bits: Phillips, Slotted and Square •(2) 6" length Chrome Vanadium bits: Phillips, slotted •7 Titanium coated drill bits with hex shank •Handy storage case
W1352	45 pc. Power Bit Set •Contains: 27 Chrome Vanadium bits - slotted, Phillips, Hex, Star, Hi-Torque and Robertson •1/4" hex adaptor, 7 CR-V 6 point nutdrivers •Magnetic hex extension, 5 drill bits, 3 bit holders •Handy storage case
W1347	125 pc. Drill & Bit Project Set •Contains: 67 Chrome Vanadium bits - slotted, Phillips, Hex, Star, Hi-torque and Robertson and combo Phillips slotted •7 SAE and 7 metric assorted nut drivers •Magnetic quick change bit extension •28 assorted drill bits •4 hole saws, hole saw mandrel •1/4" center punch, countersink •Bit holders, screw finders •Handy storage case

W1343

W1352

W1347

Hammers

BALL PEIN HAMMERS

•Drop forged high carbon steel heads •Heavy duty fibreglass handles •Rubber cushion grips
Part No. M7030B, 12 oz.
Part No. M7032B, 16 oz.
Part No. M7034B, 24 oz.
Part No. M7036B, 32 oz.

BALL PEIN HAMMER

•Drop forged high carbon steel heads •Heavy duty hardwood handle
Part No. W1134-16, 16 oz.

HI-VIZ RUBBER COATED DEAD BLOW HAMMERS

Part No. M7008B, 8 oz.
Part No. M7216, 16 oz.
Part No. M7224, 24 oz.
Part No. M7232, 32 oz.
Part No. M7248, 48 oz.
Part No. M7264, 64 oz.

NEW!!

CLAW HAMMER

•Polished drop forged high carbon steel heads •Heavy duty fibreglass handle •Cushion grip
Part No. M7020B, 16 oz.

CLAW HAMMER

•Drop forged high carbon steel heads •Heavy duty hardwood handles
Part No. W1076, 16 oz.

RUBBER MALLETS

•Heavy duty rubber heads •Chrome plated shafts with rubber grips
Part No. W1153, 16 oz. (black).
Part No. W1154, 8 oz. (white).

SOFT FACE DEAD-BLOW HAMMERS

•Shockless, non-rebound urethane heads
•Chrome plated shafts with rubber grips
Part No. M7010B, 16 oz.
Part No. M7012B, 24 oz.
Part No. M7014B, 30 oz.
Part No. M7016B, 36 oz.

Performance Tool®

Assorted Hammers & Dollies

25 mm SOFT FACE HAMMER
•1 plastic face and 1 rubber face to prevent marring •Chrome plated head and shaft •Rubber cushion grip
Part No. M7000C, 12 oz.

HIGH QUALITY AUTO BODY HAMMERS
•High carbon drop forged steel head, hardened and tempered •Hickory handle
Part No. W1010, Straight Pein Finishing Hammer.
Part No. W1012, Heavy Shrinking Hammer.
Part No. W1013, Pick and Finish Hammer.

7 pc. ECONOMY AUTO BODY REPAIR KIT
•Contains: Pick and Finish hammer, Standard Bumping hammer, Reverse Curve hammer, Curved Dolly, Shrinking Dolly, Double-End Dolly and Utility Dolly.
Part No. W1007DB.

HIGH QUALITY AUTO BODY DOLLIES
•Drop forged medium carbon steel •Heat treated, ground and polished •Pouch
Part No. W1014, Utility Dolly.
Part No. W1016, Heel Dolly.

Chisels, Punches, Bolt Cutters, & Pry Bars

PIN PUNCHES
•Heat treated chrome Vanadium steel •Carded
Part No. W5414, 1/16".
Part No. W5417, 1/8".
Part No. W5420, 1/4".

PUNCHES
•Heat treated chrome Vanadium steel •Carded
Part No. W5424, 1/4" center punch.
Part No. W5427, 1/8" long taper punch.

COLD CHISELS
•Heat treated chrome Vanadium steel •Carded
Part No. W5432, 1/2".
Part No. W5434, 5/16".

FILES w/ PRO STYLE HANDLES
•Heat treated carbon steel •PVC handle •Bastard cut for quick stock removal •Carded
Part No. W5393, 10" Mill.
Part No. W5394, 8" Mill.
Part No. W5397, 4-Way.
Part No. W5398, 8" Half Round.
Part No. W5399, 8" Round.
Part No. W5400, 6" Round.
Part No. W5403, 6" Half Round.
Part No. W5406, 6" Flat.
Part No. W5410, 6" Triangular.

CHISEL & PUNCH SETS

PART NO.	DESCRIPTION
W752	4 pc. Pin Punch Set •Drop forged high carbon steel •Heat treated for long life •Contains: 4 punches: 1/8" x 6", 5/32" x 6", 3/16" x 6", 1/4" x 6" •Vinyl storage pouch
W750	7 pc. Chisel & Punch Set •Drop forged high carbon steel •Heat treated for long life •Vinyl grips •Contains: 3 cold chisels: 3/8" x 6", 1/2" x 6", 5/8" x 6" •2 Taper punches: 1/8" x 6", 3/16" x 6" •1 Pin punch: 3/16" x 6" •1 Centre punch: 3/8" x 6" •Clamshell
W751	12 pc. Chisel & Punch Set •Drop forged high carbon steel •Heat treated for long life •Contains: 4 cold chisels: 1/2" x 6", 5/8" x 7", 3/4" x 7-1/2", 7/8" x 8" •3 Taper punches: 3/16" x 6", 1/4" x 6", 3/16" x 10" •2 Pin punches: 5/32" x 6", 1/4" x 6" •1 Centre punch: 3/8" x 6" •1 Cape chisel: 3/16" x 6" •1 Concrete chisel: 1/2" x 6" •Vinyl storage pouch

HEAVY DUTY BOLT CUTTERS
•Steel handles •Heat treated alloy steel jaws •Rubber hand grips
Part No. BC-18, 18".
Part No. BC-24, 24".
Part No. BC-30, 30".
Part No. BC-36, 36".

15" MULTI PRY BAR
•Heavy duty drop forged steel •Tough black finish resists corrosion •Wide flat design for many pulling, prying and scraping operations.
Part No. W2022.

4 PC. PRY BAR SET
•Heavy duty drop forged steel •Tough black finish resists corrosion •Pro style black PVC handles •Contains: 8", 12", 18" and 24".
Part No. W2020.

4 PC. ROLL TYPE PRY BAR SET
•Heavy duty drop forged steel •Tapered shaft design •Tough black finish resists corrosion
•Contains: 6", 12", 16" and 20".
Part No. W2021.

5 PC. PRY BAR SET
•Heat treated drop forged steel •Tough black finish resists corrosion •Durable PVC handles
•8", 12", 18", and 24" sizes •Includes a 16" solid steel roll pry bar.
Part No. W2025.

Hacksaws, Scrapers & Utility Knives

STANDARD HACKSAW
•Adjusts to accomodate standard 8", 10" and 12" blades •Zinc plated •Pistol grip handle
Part No. W731.

TUBULAR HACKSAW
•Adjusts to accomodate standard 8", 10" and 12" blades •Heavy duty tubular frame •Molded aluminum handle with hand guard.
Part No. W730.

HEAVY DUTY HACKSAW
•Die-cast handle •Blade can be positioned for 45° or 90° angle cutting •Uses standard 12" blades •Can be used as a versatile keyhole saw.
Part No. W732.

UTILITY HACKSAW
•Comfort grip handle •Compact design
•Works with several blade sizes.
Part No. W733.

Performance Tool®

REPLACEMENT HACKSAW BLADES
•Heavy duty high carbon steel •4 blades per package (2) 18 teeth per inch, (2) 24 teeth per inch •Carded.
Part No. W740C, 10" length.
Part No. W741C, 12" length.

4" RETRACTABLE SAFETY SCRAPER
•Chrome plated •Blade retracts for safety
•Includes box of 5 replacement blades
Part No. W743, carded.
Part No. W742, 12 pc. replacement single edge razor blades.

UTILITY KNIFE
•Heavy duty all metal construction •Retractable blade adjusts to 3 positions •Extra blade included (stored in handle)
Part No. W745C, carded.
Part No. W744, 5 pc. replacement utility knife blades.

UTILITY KNIFE
•No tools required to open •High grade steel blade •Push button auto open and easy lock
•Durable rubber grip handle •Extra blade in internal storage compartment
Part No. W746, carded.

100 pc. SINGLE EDGE RAZOR BLADES
•Blades fit all standard scrapers, and other blade tools that utilize single edge razor blades
Part No. W747.

SAFETY SCRAPER
•Comfort grip handle •Removes wall paper, vinyl and resilient tile •Great for cleaning floors, glass and tile
Part No. W230, carded.
Part No. W229, Repl. Blades.

EXTENDED SCRAPER
•12" length reaches confined areas •Great for removing inspection stickers from windshields
•Extra blades store in handle
Part No. W233, carded.

CARBON & GASKET SCRAPER
•Alloy steel construction •Zinc plated to resist corrosion
Part No. W234C, carded.

STAINLESS STEEL ALL PURPOSE KNIVES
•Stainless steel folding blade •Nylon case for storage
Part No. W457, 3" blade.
Part No. W458, 4" blade.

General Tools

12 IN 1 POCKET WORKSHOP
•Includes: Plier, wire cutter, can opener, Phillips screwdriver, small, medium and large slotted screwdrivers, fish scaler, ruler, file, awl/hole punch, and knife blade •Storage pouch
Part No. W456C, carded.

PVC PIPE CUTTER
•Heavy duty construction •Ratcheting action for maximum cutting pressure •1-5/8" O.D. capacity
Part No. W699, carded.

HEAVY DUTY BENCH VISES
•Swivels a full 360° •Large anvil •Heavy duty drop forged, heat-treated jaws
Part No. MV-4, 4" jaws.
Part No. MV-5, 5" jaws.
Part No. MV-6, 6" jaws.

5" MULTI-VISE
•Head rotates 360° for standard or pipe jaw vise operation •Head locks automatically
•Dual lock down with 360° base rotation
Part No. MV-10.

Performance Tool®

General Tools

22 PC. NYLON CLAMP ASSORTMENT
•Handy assortment for the home, office, or shop •3/4" and 1" clamps •Clear plastic tube
Part No. W2920.

250 PC. CABLE TIE ASSORTMENT
•Handy assortment for the home, office, or shop •Clear plastic tube keeps small pieces in one place
Part No. W2918.

DOUBLE FLARE TOOL
•7 pc. set includes flaring bar, yoke, and 5 double flare dies for tubing sizes: 3/16", 1/4", 5/16", 3/8", 1/2" O.D.
Part No. W80670.

6" PLASTIC DIAL CALIPER
•4 way measurements for outside, inside, step and depth •Features adjustable dial and thumb wheel fine adjustment
Part No. W80149.

STAINLESS STEEL DIAL CALIPER
•Measures outside, inside, step and depth •Features adjustable dial and thumb wheel fine adjustment •0-6" range, .001" (.02mm) graduations, .100" (2.0mm) range/revolution
Part No. W80151.

6" PLASTIC CALIPER
•4 way measurements for outside, inside, step and depth
Part No. W80150.

STAINLESS STEEL DIGITAL CALIPER
•Measures outside, inside, step and depth •0-6" range (0-150mm) with SAE to Metric conversion •Battery included
Part No. W80152.

Performance Tool®

Tape Measures & Laser Levels

QUIK READ TAPE MEASURES
•Convenient and quick fractional readout every 1/8" •Durable casing stands up to rough treatment •Easy to find, bright colour.
Part No. W5020, 5/8" x 12 ft.
Part No. W5022, 3/4" x 16 ft.
Part No. W5024, 1" x 25 ft.

35 FT. FAST MEASURE TAPE MEASURE with Magnetic Tip
•Magnetic tip for complete control •Horizontal and vertical markings every inch •Convenient fractional readout every 1/8"
Part No. W5035.

CROSSBEAM LASER LEVEL
•With a turn of the dial, the crossbeam laser rotates from 0 to 90° •Adapter included, leaves hands free to work •Includes magnetic base and dual bubble levels for accuracy •Uses 2 AAA 1.5V batteries (not included) •Complete specifications and instructions included
Part No. W5737.

QUIK READ SUPER TAPE MEASURE
•Extra sturdy 25 ft. tape measure with 1" blade •Standout length of 7 ft. •Super wide blade
Part No. W5025.

100 FT. ROLL-UP TAPE MEASURE
•Quality casing for long lasting use •Hook end for convenience •Fast measure blade makes measuring easy and accurate
Part No. W5099.

QUIK LINE LASER LEVEL
•With a turn of the dial, the laser adjusts from horizontal to vertical •Adapter included, leaves hands free to work •Includes magnetic base and dual bubble levels for accuracy •Uses 2 AAA 1.5V batteries (not included) •Complete specifications and instructions included
Part No. W5739.

Digital Tape, Stud Finder & Tool Bags

2 IN 1 STUD FINDER

•Easy to use •Accurate and affordable •Finds studs and metal •Saves you time and money - cut down on wasted materials •Great for contractors or DIYers •Uses one 9V battery (not included)

Part No. W5762.

POINT-N-MEASURE DIGITAL TAPE

•Easy to use •Accurate and affordable •Calculates square footage or cubic feet •Use laser as a sight to determine area to be measured •Measures up to 50 feet •Great for contractors or DIYers •Uses one 9V battery (not included)

Part No. W5746.

12 POCKET ROLL-UP TOOL POUCH

•12 pockets hold a variety of tools including wrenches, pliers, screwdrivers & more •Great for automotive and motorcycle use •Heavy duty nylon fabric for long life •Long web strap with velcro fastener keeps pouch tightly closed

Part No. W88990.

13" WIDE OPENING TOOL BAG

•12 pockets hold a variety of tools including wrenches, pliers, screwdrivers & more •Great for automotive and motorcycle use •Heavy duty nylon fabric for long life •Double web handles •Reinforced rubber bottom for durability

Part No. W88991.

17" WIDE OPENING TOOL BAG

•18 pockets hold a variety of tools including wrenches, pliers, screwdrivers & more •Great for automotive and motorcycle use •Heavy duty nylon fabric for long life •Double web handles •Reinforced rubber bottom for durability

Part No. W88992.

Dent Repair Tools

SUCTION CUP DENT PULLER

•Pulls out many small dents without drilling holes •Fingertip pressure release knob

Part No. W1028, carded.

9 PC. DENT & SEAL PULLER KIT

•Includes heavy duty slide hammer with various attachments

Part No. W2029DB.

2 PC. PUTTY KNIFE SET

•Tough natural wood handles •3" wall scraper and 1-1/4" putty knife

Part No. W3013, carded.

BODY FILLER SCOOP

•For scooping body filler from gallon cans •Helps prevent waste by scraping filler from inside edges of cans

Part No. W1000.

3 PC. BODY FILLER APPLICATOR SET

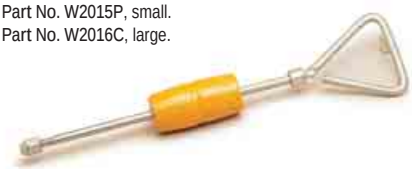
Part No. W407C.

SLIDE HAMMER DENT PULLERS

•Plated steel shaft •Screw tips included

Part No. W2015P, small.

Part No. W2016C, large.



3 PC. PLASTIC SPREADERS

•3 convenient sizes: 3-1/2" x 6-1/4", 3" x 5-1/4", 2-3/4" x 4"
•Useful for many filler or putty spreading jobs

Part No. W1001.

Finishing Tools

SANDING BLOCK
•Flexible natural rubber block •Distributes even pressure
Part No. W1019, carded.

FLEXIBLE SANDER
•Flexible design allows sanding on flat or curved surfaces •Includes sander and one 3" x 11" sheet of sandpaper
Part No. W1021, carded.

3 POSITION FILE HOLDER
•3 position adjustable handle •Blades may be used without holder for contoured surfaces
Part No. W1020, carded.
Part No. W1022, 10" flat replacement blade.
Part No. W1023, 10" half-round replacement blade.

1-1/4" RIGID CHISEL SCRAPER
•Ergonomic handle •Stainless steel blade extends through entire handle •High carbon steel hammer striking end
Part No. W5481.

Specialty Kits

40 PC. TAP & DIE SET
•For National Coarse, National Fine and pipe thread applications •Contains long handle tap wrench, T-handle tap wrench, die stock, screwdriver, pitch gauge and 17 taps and 17 dies •Metal storage box
Part No. W4001DB, SAE sizes.
Part No. W4002DB, Metric sizes.

61 PC. HAND RIVETER SET
•Heavy duty gun with 4 nozzles for 3/32", 1/8", 5/32", 3/16" rivets •Nozzles and nozzle wrench store in handle •60 blind rivets - 15 each of the above sizes •Vinyl grip handle
Part No. W2017C, carded.

100 PC. RIVET GUN REFILL KIT
•Contains the following rivets: (25) 3/32" x 7/32", (25) 1/8" x 5/16", (25) 5/32" x 7/32", (25) 3/16" x 5/16"
Part No. W2018, carded.

Torque Wrenches

PRECISION PRO LOCK TORQUE WRENCHES
•Patented torque adjusting lock/unlock collar •High grade spring steel torque mechanism •Heavy duty case
Part No. M197, 3/8" dr. 25-250 in. lb. range.
Part No. M198, 3/8" dr. 10-100 ft. lb. range.
Part No. M199, 1/2" dr. 30-250 ft. lb. range.

CLICK TORQUE WRENCHES
•Chrome plated alloy steel •Ratchet style with engraved scale
Part No. M200DB, 1/2" dr. 10-150 ft. lb. range.
Part No. M202P, 3/8" dr. 120-960 in. lb. range.

BEAM TORQUE WRENCH
•Chrome plated alloy steel body
Part No. W3001C, 1/2" dr. 0-150 ft. lb. range.

Brushes

3 PC. DETAIL BRUSH SET
•Stainless Steel - for paint and rust removal •Brass - for dirt and grime •Nylon - for interior and exterior auto detailing
Part No. W1148, carded.

3 PC. WIRE BRUSH SET
•Large brush has stainless steel bristles for paint and rust removal •Medium and small brushes have brass bristles for dirt and grime
Part No. W1149, carded.

PARTS CLEANING BRUSH
•PVC bristles are not affected by gas, oil or solvent •10-1/2" length
Part No. W197C, carded.
Part No. W197B, bulk.

UTILITY WIRE BRUSH
Part No. W1152, wood handle, carded.
Part No. W1150, plastic handle.

Fish Bowl Merchandisers

Part No. W501D, 24 pc. Electrical Tape Merchandiser - each roll 3/4" x 30 ft.
Part No. W985, 30 pc. Nail Brush Merchandiser.
Part No. W959, 30 pc. Mechanics Wire Merchandiser.
Part No. W147FB, 20 pc. Battery Terminal Cleaner Merchandiser.
Part No. W988, 50 pc. Utility Knife w/ Key Chain Merchandiser.
Part No. W960, 20 pc. 4 in 1 Stubby Screwdriver Merchandiser.
Part No. W965, 40 pc. 10 Pack Bit Tip Assortment Merchandiser.
Part No. W969, 30 pc. Multi Colour D Ring Key Holder.
Part No. W972, 35 pc. Break-Away Utility Knife Merchandiser.
Part No. W974, 40 pc. Teflon Tape Merchandiser.
Part No. W989, 50 pc. Rubber Grip Folding Knife w/ Key Chain Merchandiser.
Part No. W993, 30 pc. Single Blade Scraper Merchandiser.
Part No. W994, 50 pc. Multi-Function Mini Knife Merchandiser.
Part No. W984, 30 pc. 2 in 1 Screwdriver Merchandiser.
Part No. W987, 40 pc. Aluminum Mini Level Merchandiser.
Part No. W996, 50 pc. 3 ft. Mini Tape Measure Merchandiser.
Part No. W997, 75 pc. Nail Clipper w/ Key Chain Merchandiser.
Part No. W986, 30 pc. 1" Mini Nylon Spring Clip Merchandiser.
Part No. W983, 50 pc. Bottle Opener/Screwdriver/Key Ring Merchandiser.
Part No. W1132-30, 30 pc. Mini Plier Merchandiser.
Part No. W1900, 20 pc. 7 pc Bit Set with Magnetic Holder.
Part No. W1902, 30 pc. 4" Slip Joint Plier.
Part No. W1903, 25 pc. Inspection Mirror.
Part No. W1904, 30 pc. Magnetic Pickup.
Part No. W1906, 200 pc. Spark Plug Gap Gauge.
Part No. W1910, 30 pc. Multi-Colour Mini Flashlight.
Part No. W1907, 50 pc. Multi-Colour Tire Pressure Gauge.

SURGE™

Surge is a multi-tool powerhouse. Built with new, stronger jaws. The Surge delivers more squeezing force with less effort, helping you maintain a firm grip and cut larger hard and regular wire. Surge's unique blade exchanger lets you choose between a saw or diamond and wood/metal file. The blade exchanger, two knives and extra strong scissors are easily accessed from the outside of the tool. Inside the sculpted handles are two bit drivers, a hollow ground screwdriver, bottle/can opener, and newly designed awl with a thread loop. Surge will make a big splash at the work site.

SPECS: Needlenose pliers, Regular pliers, Wire cutters, Hard-wire cutters, Stranded-wire cutters, Electrical crimper, Clip-point knife, Serrated knife, Blade exchanger, Scissors, Large bit driver, Small bit driver, 5/16" screwdriver, Awl w/thread loop, Ruler (9 inches/22 cm), Bottle/can opener, Wire stripper, Lanyard ring, and Leather case. Includes Bits & Blades: Phillips and Flat tip, Eyeglasses screwdriver, Phillips #1-2 and Screwdriver 3/16", Diamond and Wood/Metal file, Saw
Part No. 830234.

CHARGE® ALX

The Leatherman Charge ALX packs a knife blade with one of the longest and strongest cutting edges of any multi-tool on the market today. Engineered bigger and wider knife blades that still fit in a compact, four inch multi-tool. You'll get the benefit of a longer cutting edge that can slice through any amount of work. And, larger thumbholes let you open the knives in a flash — with just one hand.

SPECS: Hard anodized aluminum handles, Needlenose pliers, Regular pliers, Wire cutters, hard-wire cutters, Crimper, 154 cm Clip-point knife, Serrated knife, Cutting hook, Saw, Wood/metal file, Diamond-coated file, Two large bit drivers, small bit driver, 9 double end bits: (Screwdrivers 1/4" and 3/16"/ Hex 5/32" and 9/64"/ Hex 1/8" and 7/64"/ Hex 3/32" and 5/64"/ Hex 1/16" and .050/ Robertson #2 and #3/ Screwdriver 1/8" and Torx #15/ Phillips #1 and #2/ Phillips and flat tip eyeglasses screwdriver), Ruler (8 inch/19 cm), Bottle/can opener, Wire stripper, Fixed lanyard ring, Quick release lanyard ring and Removable pocket clip.
Part No. 830710.

WAVE®

Best-selling multi-tool, now redesigned. Larger knives, stronger pliers, longer wire cutters and all-locking blades make the new Wave an essential piece of equipment for outdoor enthusiasts and professionals. Manufactured from stainless steel, Wave incorporates a larger bit driver—switch bits for a customized tool that meets all of your day's challenges. Larger knives with bigger thumbholes open easily with one hand. And scissors are strong enough to cut cloth, plastic and paper.

SPECS: Needlenose pliers, Regular pliers, Wire cutters, Hard-wire cutters, Clip-point knife, Serrated knife, Saw, Scissors, Wood/metal file, Diamond-coated file, Large bit driver, Small bit driver, Large screwdriver, Ruler (8 inches/19 cm), Bottle/can opener, Wire stripper, Lanyard ring, and Leather case. Includes Bits: Phillips and Flat tip, Eyeglasses screwdriver, Phillips #1-2 and Screwdriver 3/16"
Part No. 830110.

CRUNCH®

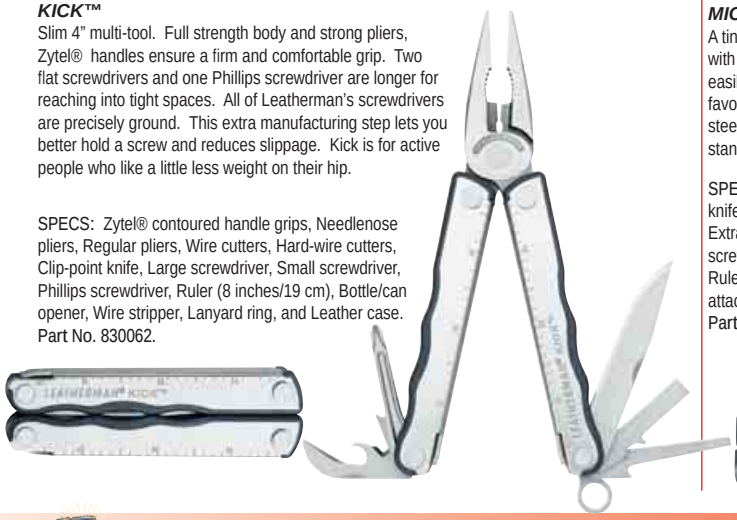
Like carrying a vise in your pocket. Locking pliers that fold away make the Crunch® unlike any other multi-tool on the market. Powerfully clamps pipes, bolts—just about anything up to one inch diameter. Remove the adjusting screw to find a 1/4" hex bit adapter built right into the handle. Inside, blades lock for safety and release at the push of a button. Innovative, compact and crafted from 100% stainless steel.

SPECS: Locking pliers, Wire cutters, Hard-wire cutters, Serrated knife, Wood/metal file, Small screwdriver, Medium screwdriver, Large screwdriver, Phillips screwdriver, Ruler, Bottle opener, Hex bit driver, Wire stripper, Lanyard ring, and Leather case.
Part No. 68010183N.

KICK™

Slim 4" multi-tool. Full strength body and strong pliers, Zytel® handles ensure a firm and comfortable grip. Two flat screwdrivers and one Phillips screwdriver are longer for reaching into tight spaces. All of Leatherman's screwdrivers are precisely ground. This extra manufacturing step lets you better hold a screw and reduces slippage. Kick is for active people who like a little less weight on their hip.

SPECS: Zytel® contoured handle grips, Needlenose pliers, Regular pliers, Wire cutters, Hard-wire cutters, Clip-point knife, Large screwdriver, Small screwdriver, Phillips screwdriver, Ruler (8 inches/19 cm), Bottle/can opener, Wire stripper, Lanyard ring, and Leather case.
Part No. 830062.



MICRA®

A tiny classic. Micra® offers spring-action scissors along with nine additional personal-care features. Attaches easily to key rings for speedy access and quick fixes. A favorite all over the world. Made from 100% stainless steel. Micra is engineered with the same rigorous standards that earn the name Leatherman.

SPECS: Scissors, Clip-point knife, Nail file/cleaner, Tweezers, Extra-small screwdriver, Medium screwdriver, Flat Phillips screwdriver, Ruler, Bottle opener, Key ring attachment.
Part No. 64010183N.

Multi-Tools & Accessories

SQUIRT® S4
Redefining the term "ultra-compact", Leatherman's key-chain size Squirt® S4 gives you the convenience of full-sized tools in one handy little package. Sharp blades help our scissors cut even fine materials. Beveled edges allow a close cut—especially important for a neat trim. Additional features—tweezers, knife, screwdrivers and more—make quick work of everyday tasks. Just under two ounces, it's light enough to take anywhere. Anodized aluminum handles available in "Glacier" blue.

SPECS: Scissors, Straight knife, Extra-small screwdriver, Medium screwdriver, Flat Phillips screwdriver, Nail file/Cleaner, Bottle opener, Key ring attachment, Tweezers, Ruler.
Part No. 81040083N.

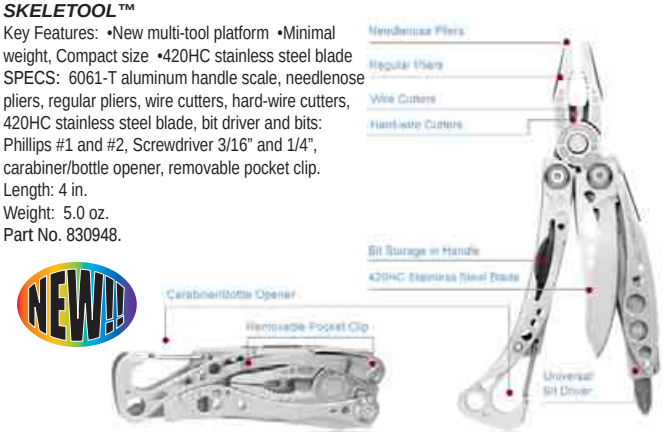
SQUIRT® P4
The first miniature pliers multi-tool tough enough to be a Leatherman. Don't be fooled by its size—The Squirt®P4 can handle big jobs and still fit into tiny spaces. Spring-action pliers, wire cutters, three screwdrivers and a knife blade provide the support of larger tools. The key ring attachment offers the flexibility to place it on your key chain, backpack or even a zipper. A file, opener and awl round out the tool. Weighs just two ounces and measures slightly over two inches in length. Available in "Glacier" blue.

SPECS: Needlenose pliers, Straight knife, Wire cutters, Extra-small screwdriver, Medium screwdriver, Flat Phillips screwdriver, Wood/metal file, Bottle opener, Key ring attachment, Awl.
Part No. 80040083N.

SQUIRT® E4
The first miniature wire cutter/wire stripper multi-tool tough enough to be a Leatherman. Don't be fooled by its size—The Squirt®E4 can handle big jobs and still fit into tiny spaces. Spring-action wire cutters, three screwdrivers and a knife blade provide the support of larger tools. The key ring attachment offers the flexibility to place it on your key chain, backpack or even a zipper. Weighs approximately two ounces and measures slightly over two inches in length. Available in "Glacier" blue.

SPECS: Five gauges of wire stripper (20GA, 18GA, 16GA, 14GA and 12GA), Electrical wire cutters, Spring-action pliers, Extra-small screwdriver, Small screwdriver, Phillips screwdriver, Straight knife, Wood/metal file, Bottle opener, Tweezers, Key ring attachment.
Part No. 82040081N.

SKELETOOL™
Key Features: •New multi-tool platform •Minimal weight, Compact size •420HC stainless steel blade
SPECS: 6061-T aluminum handle scale, needlenose pliers, regular pliers, wire cutters, hard-wire cutters, 420HC stainless steel blade, bit driver and bits: Phillips #1 and #2, Screwdriver 3/16" and 1/4", carabiner/bottle opener, removable pocket clip.
Length: 4 in.
Weight: 5.0 oz.
Part No. 830948.



SKELETOOL™ CX
Key Features: •New multi-tool platform •Minimal weight, Compact size •154CM stainless steel blade
SPECS: Tungsten DLC scratch-resistant coating, Carbon-fiber handle scale, needlenose pliers, regular pliers, wire cutters, hard-wire cutters, 154CM stainless steel blade, bit driver and bits: Phillips #1 and #2, Screwdriver 3/16" and 1/4", carabiner/bottle opener, removable pocket clip.
Length: 4 in.
Weight: 5.0 oz.
Part No. 830950.

UNIVERSAL TOOL ADAPTER™
The Tool Adapter™ quickly converts your favorite Leatherman tool into a heavy duty 1/4" hex drive. Just slide the Tool Adapter over the plier jaws and close handles to provide a safe, comfortable grip. The Universal Tool Adapter fits the Surge™, Charge®, Wave®, and Kick™. Comes with a set of six hex bits, but any regular 1/4" hex bit will fit, providing extra versatility and value. Includes a compact clip-on case and the following six bits: #8-10 slotted; #3 and #0 Phillips; #1 and #2 Robertson (square); and #15 Torx®.
SPECS: 1/4" Hex drive, 6 Hex bits, 3 Locking positions, Lanyard ring.
Part No. 65070381N.

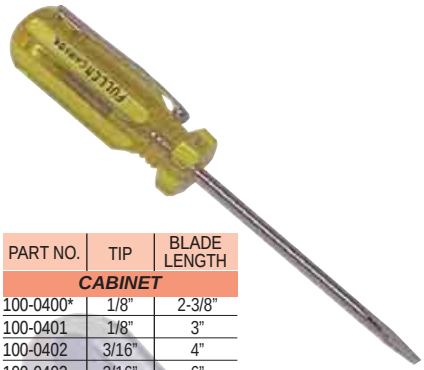
BIT KIT
The Bit Kit expands your driver's capabilities with 21 double-ended bits—42 tools in all. Use the Bit Kit with the bit drivers on Surge, Charge®, and Wave. Nylon sheath included.
Part No. 934875.

REPLACEMENT SHEATHS
Part No. 934845, Premium leather sheath for Charge®.
Part No. 934815, Standard leather sheath for Wave®.
Part No. 934825, Standard leather sheath for Crunch®, and Kick™.

ACCESSORIES
Part No. 931001, Replacement Squirt tweezers.
Part No. 934850, Quick release lanyard ring and removable pocket clip for Surge™, Charge® & Wave® multi-tools.
Part No. 934860, Removable pocket clip and screw for Kick™ multi-tool.
Part No. 930903, Black pocket sleeve for Squirt®.
Part No. 930902, Black pocket sleeve for Micra®.

GOLDEN GRIP® SCREWDRIVERS

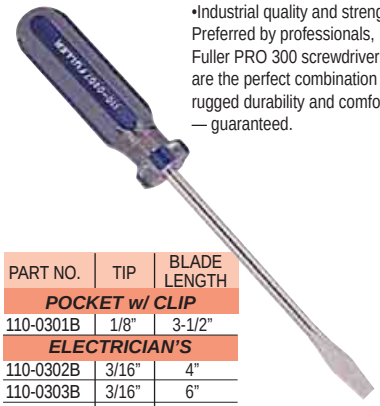
•The standard in the industry, combining durability with value. Golden Grip screwdrivers come in a complete range of types and sizes for all your fastening needs. Large, transparent handles provide both comfort and sure gripping power. Individually carded.



PART NO.	TIP	BLADE LENGTH
CABINET		
100-0400*	1/8"	2-3/8"
100-0401	1/8"	3"
100-0402	3/16"	4"
100-0403	3/16"	6"
MECHANIC'S		
100-0500	1/4"	1-1/2"
100-0501	1/4"	4"
100-0502	1/4"	5"
100-0503	1/4"	6"
100-0504	5/16"	6"
100-0505	3/8"	8"
TORX®		
100-0615	T15	3-1/2"
PHILLIPS		
100-0804	0	2-1/2"
100-0807	1	3-1/4"
100-0808	2	4"
100-0809**	2	1-1/2"
100-0811	3	6"
ROBERTSON		
100-1009	0	4"
100-1011	1	4"
100-1012	2	4"
100-1013	3	4"
100-1010**	1	1-1/2"
100-1014**	2	1-1/2"
100-1015**	3	1-1/2"
SCRATCH AWL		
100-0985	-	2-3/4"

*with clip
**stubby

PRO 300 SCREWDRIVERS



•Industrial quality and strength. Preferred by professionals, Fuller PRO 300 screwdrivers are the perfect combination of rugged durability and comfort — guaranteed.

PART NO.	TIP	BLADE LENGTH
POCKET w/ CLIP		
110-0301B	1/8"	3-1/2"
ELECTRICIAN'S		
110-0302B	3/16"	4"
110-0303B	3/16"	6"
110-1308B	3/16"	8"
MECHANIC'S		
110-0304B**	1/4"	1-1/2"
110-0305B	1/4"	4"
110-0306B	1/4"	6"
110-0307B	5/16"	6"
110-0308B	3/8"	8"
MECHANIC'S SQUARE SHANK		
110-0309B	1/4"	4"
110-0310B	5/16"	6"
110-1331B	5/16"	8"
110-1332B	3/8"	12"
PHILLIPS		
110-0311B**	2	1-1/2"
110-0312B	1	3"
110-0313B	2	4"
110-0314B	3	6"
110-0321B	0	2-1/2"
110-1312B	1	8"
110-1313B	2	8"
110-1314B	3	8"
ROBERTSON		
110-0322B	0	4"
110-0315B	1	4"
110-0316B	2	5"
110-0317B	3	5"
110-0318B	1	8"
110-0319B	2	8"
110-0320B	3	8"
110-0323B**	1	1-1/2"
110-0324B**	2	1-1/2"
110-0325B**	3	1-1/2"
TORX® TIP BLADES		
110-3310B	T10	4"
110-3315B	T15	4"
110-3320B	T20	4"
110-3325B	T25	4"
110-3330B	T30	4"

**stubby

PRO 700 SCREWDRIVERS

•Same features as the Pro 300 screwdrivers with the added feature of an extra large handle for maximum torque and comfortable grip.

PART NO.	TIP	BLADE LENGTH
ELECTRICIAN'S		
107-0401	1/8"	3"
107-0403	3/16"	6"
MECHANIC'S		
107-0405**	1/4"	1-1/2"
107-0406	1/4"	4"
107-0409	5/16"	6"
107-0410	3/8"	10"
PHILLIPS		
107-0420	0	3"
107-0421**	2	1-1/2"
107-0422	1	3"
107-0423	2	4"
107-0424	3	6"
ROBERTSON		
107-0430	0	4"
107-0431	1	4"
107-0432	2	6"
107-0433	3	6"

**stubby

FULLER

Multi-Purpose Screwdrivers

•Designed with the consumer in mind, Fuller offers the classic best selling All Purpose and the Dial-A-Bit® line.

SWITCH-A-BIT® SCREWDRIVERS

Features the unique dial-top which retrieves each bit one at a time. The specially designed locking mechanism locks bits securely in place. Chrome Vanadium steel blades for maximum performance.

PART NO.	DESCRIPTION	CONTENTS
125-0786	6-in-1	Phillips #1, #2; Robertson #1, #2; Slot 3/16", 1/4".
125-0789	9-in-1	Robertson #0, #1, #2, #3; Phillips #1, #2; Slot 3/16",1/4"; Torx® T15.
125-0790	Ratchet 6-in-1	Robertson #1, #2; Phillips #1, #2; Slot 3/16", 1/4".
125-0791	Magnetic 5-in-1	Robertson #1, #2; Phillips #1, #2; Slot 3/16".

ALL PURPOSE MULTIDRIVER

PART NO.	DESCRIPTION	CONTENTS
125-0055	5-in-1	Phillips #2; Robertson #1, #2; Slot 3/16", 1/4".

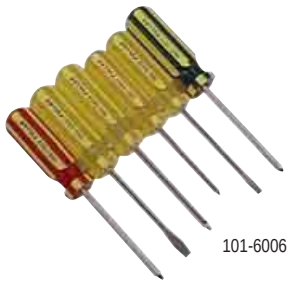
PIGGYBACK™ MULTI-DRIVER

Two screwdrivers in one, with a built-in stubby screwdriver. Ergonomic handle, reversible shaft and convenient blade storage makes the Piggyback the most complete multi-driver on the market. 17-in-1.
Part No. 125-2017.

Fastening & Cutting Tools

SCREWDRIVER SETS

PART NO.	DESCRIPTION	SET INCLUDES:
101-6006	Golden Grip 6 pc. Screwdriver Set	Robertson #1, #2; Phillips #1, #2; Slot 3/16 x 4", 1/4 x 4".
101-6010	Golden Grip 10 pc. Screwdriver Set	Robertson #1, #2, #2 stubby; Slot 3/16 x 4", 1/4 x 4"; Pocket Slot 1/8 x 2-3/8"; Phillips #0, #1, #2, #2 stubby.
101-6012	Golden Grip 12 pc. Screwdriver Set	Robertson #0, #1, #2; Phillips #0, #1, #2, #2 stubby; Slot 1/8" x 2-3/8", 3/16" x 4", 1/4" x 1-1/2", 1/4" x 4"; Torx T15.
101-6017	Golden Grip 17 pc. Screwdriver Set	Robertson #0, #1, #1 stubby, #2, #2 stubby; Phillips #0, #1, #2, #2 stubby; Slot 1/8" x 2-3/8", 1/8" x 3", 3/16" x 4", 3/16" x 6", 1/4" x 1-1/2", 1/4" x 4", 1/4" x 6"; Torx T15.
111-3000	Pro 300 7 pc. Screwdriver Set	Robertson #1, #2; Phillips #1, #2; Electrician's 3/16 x 4"; Mechanic's 1/4 x 4"; Pocket with clip1/8 x 3-1/2".
111-3107	Pro 300 Jumbo 7 pc. Screwdriver Set	Robertson #1 x 8", #2 x 8"; Phillips #1 x 8", #2 x 8", #3 x 8"; Slot 3/16" x 8", 3/8" x 8".
111-3015	Pro 300 15 pc. Screwdriver Set	Robertson #0, #1, #2, #2 stubby; Phillips #0, #1,#2, #2 stubby; Slot 1/8" x 3", 3/16" x 4", 3/16" x 6", 1/4" x 1½", 1/4" x 4"; Torx T10, T15.
107-0507	Pro 700 - 7 pc. Screwdriver Set	Robertson #1, #2; Phillips #1, #2; Slot 1/8" x 3", 3/16" x 4", 1/4" x 4".
108-0015	Pro 700 - 15 pc. Screwdriver Set	Robertson #0, #1, #2, #3; Phillips #0, #1, #2, #2 stubby, #3; Slot 1/8" x 3", 3/16" x 6", 1/4" x 1½", 1/4" x 4", 5/16" x 6"; Torx T15.
135-0826	Precision 6 pc. Screwdriver Set	Phillips #1, #2; Slot 1.4 mm, 2 mm, 2.4 mm, 3 mm.
135-1806	Precision 6 pc. Screwdriver Set	Phillips #00, #0, #1; Slot 1.5 mm, 2 mm, 3 mm with composite grips.
135-0916	Precision 16 pc. Screwdriver Set	Phillips #0, #0-1, #1-1, #1-2; Slot 1.0, 1.4, 2.0, 2.4, 3.0, 3.8; Female nut driver 1.5, 2.0, 2.5; Hex 3.0, 4.0, 5.0.
111-3104	Torx 4 pc. Screwdriver Set	T10, 15, 20, 25.


101-6006

111-3000

135-0826

135-0916

DRILL ACCESSORIES

Part No. 892-1001, 12" Flextension.
Part No. 893-7001, 11 piece Flextension set.

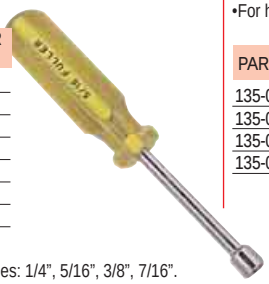
892-1001

893-7001

PRO NUT DRIVERS

•3-1/4" shaft length.

PART NO.	HEX SIZE	COLOUR CODE
115-0210	3/16"	Black
115-0211	1/4"	Red
115-0212	5/16"	Yellow
115-0213	11/32"	Green
115-0214	3/8"	Blue
115-0215	7/16"	Brown
115-0216	1/2"	Red



PRO NUT DRIVER SET

Part No. 116-0214, Includes sizes: 1/4", 5/16", 3/8", 7/16".

OFFSET SCREWDRIVERS

•For hard-to-reach areas such as door knob screws.

PART NO.	DESCRIPTION	POINT SIZE
135-0812	Phillips	#1, #2
135-0814	Slotted	5/16"
135-0816	Square	#1, #2
135-0818	Combination	Slotted 5/16", Phillips #2

135-0814

HEX KEY POUCHES

•Available in both alloy and chrome Vanadium steel, standard and metric sets. Individually set vinyl pouches for ease of identification and storage.

PART NO.	DESCRIPTION
130-0640	9 pc. SAE Alloy Steel Hex Key Set .050", 1/16", 5/16", 3/32",1/8", 5/32", 3/16", 7/32",1/4".
130-0641	9 pc. Metric Alloy Steel Hex Key Set 1.3 mm, 1.5 mm, 2.0 mm, 2.5 mm, 3.0 mm, 4.0 mm, 5.0 mm, 5.5 mm, 6.0 mm.
130-0650	10 pc. SAE Chrome Vanadium Hex Key Set 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".
130-0651	10 pc. Metric Chrome Vanadium Hex Key Set 1.5 mm, 2.0 mm, 2.5 mm, 3.0 mm, 4.0 mm, 5.0 mm, 5.5 mm, 6.0 mm, 8.0 mm, 10.0 mm.

FOLDING HEX KEYS

•Made of chrome Vanadium steel for both strength and durability. Tips are chamfered for ease of entry, and proper fit. Set folds securely into convenient storage compartment.
Part No. 130-7701, 8 pc. Folding Hex Key Set
Sizes: .050", 1/16", 5/64", 3/32",7/64", 1/8", 9/64", 5/32".
Part No. 130-7702, 9 pc. Folding Hex Key Set
Sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4".

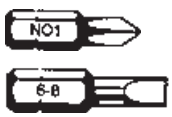
130-7702

CHISEL SET

3 pc. Chisel Set, 1/2", 3/4", 1".
Part No. 301-0099.

INSERT BITS

•Made of long lasting tool steel to withstand the rigours of professional use. A full selection of lengths from 1" to 3".



Part No. 815-3701B, 1" Phillips #1.
Part No. 815-3751B, 2" Phillips #1.
Part No. 815-3702B, 1" Phillips #2.
Part No. 815-3752B, 2" Phillips #2.
Part No. 815-3703B, 1" Phillips #3.
Part No. 815-3753B, 2" Phillips #3.
Part No. 815-3705B, 1" Phillips #2 drywall.
Part No. 815-3710B, 1" Torx® T10.
Part No. 815-3715B, 1" Torx® T15.
Part No. 815-3720B, 1" Torx® T20.
Part No. 815-3725B, 1" Torx® T25.
Part No. 815-3730B, 1" Torx® T30.
Part No. 815-3740B, 1" Robertson #0.
Part No. 815-3741B, 1" Robertson #1.
Part No. 815-3761B, 2" Robertson #1.
Part No. 815-3771B, 3" Robertson #1.
Part No. 815-3742B, 1" Robertson #2.
Part No. 815-3762B, 2" Robertson #2.
Part No. 815-3772B, 3" Robertson #2.
Part No. 815-3743B, 1" Robertson #3.
Part No. 815-3763B, 2" Robertson #3.
Part No. 815-3773B, 3" Robertson #3.
Part No. 815-3780B, #6-8 Slot with finder.
Part No. 815-3781B, #8-10 Slot with finder.
Part No. 815-3782B, #10-12 Slot with finder.
Part No. 815-3785B, 1/4" Nut Setter.
Part No. 815-3786B, 5/16" Nut Setter.
Part No. 815-3787B, 3/8" Nut Setter.
Part No. 815-3790B, Socket Adapter.
Part No. 815-3792, Magnetic Holder - carded.
Part No. 815-3792B, Magnetic Holder - bulk.

XL AUTO-LOADING UTILITY KNIFE
Ergonomic grip with padded insert. Chamber holds 8 heavy duty blades; replacement is done without the need for a screwdriver.
Part No. 305-0052.

HEAVY DUTY RETRACTABLE UTILITY KNIFE
Made of lightweight, rugged die cast zinc, 5 position lever locks blade. Contains 3 heavy duty blades
Part No. 305-0048.

AUTO-LOAD® SNAP OFF UTILITY KNIFE
Auto load feature makes blade changes quick and safe. Contains a 6 blade metal magazine.
Part No. 305-1064.

AUTO-LOCK® SNAP OFF UTILITY KNIFE
Blades lock into place with exclusive Auto-Lock. Contains 2 spare blades.
Part No. 305-1063.

SNAP OFF REPLACEMENT BLADES
In handy storage conatiner. (10) 18 mm blades; 8 points per blade.
Part No. 305-1069.

SNAP OFF UTILITY KNIVES
Clean snap knife blade.
Part No. 305-2009, 9 mm blade.
Part No. 305-2018, 18 mm blade.

MINI-SNAP OFF UTILITY KNIFE
All metal construction with handy pocket clip and built-in blade snapper. 2 spare blades on card.
Part No. 305-1061.

MINI TUBING CUTTER
Designed for cutting in confined areas, 1-1/2" clearance. Cuts tubes 1/8" to 7/8" O.D. capacity. Cuts copper, aluminum, or brass tubing.
Part No. 310-0002.

HEAVY DUTY TUBING CUTTER
Large feed wheel, a jack knife reamer blade as well as a flare groove feature. Cuts tubes 1/8" to 1-1/4" O.D. capacity.
Part No. 310-0004.

PRO TELESCOPIC TUBING CUTTER
Fixed turning radius for efficient cuts in a fixed clearance situation. Cuts tubes 1/8" to 1-1/4" O.D. capacity.
Part No. 310-0006.

DELUXE HEAVY DUTY TUBING CUTTER
Cuts tubes 1/8" to 1-1/4" O.D. capacity.
Part No. 310-0007.

REPLACEMENT WHEEL AND PIN
Fits all Fuller tubing cutters. Individually carded.
Part No. 310-0077.

BOLT, ROD, & WIRE CUTTERS
•Designed to cut soft and medium metals up to 9/16". Adjustable jaws and strong tubular handles with slip proof rubber grips. Chrome molybdenum steel jaws.
Part No. 315-0268, 8" mini bolt cutter. Cuts small screws, nails, and wire.
Part No. 315-0270, 14" bolt cutter. Cuts up to 1/4".
Part No. 315-0275, 18" bolt cutter. Cuts up to 5/16".
Part No. 315-0271, 24" bolt cutter. Cuts up to 3/8".
Part No. 315-0277, 36" bolt cutter. Cuts up to 9/16".

AVIATION SNIPS
•For professional and home use. Cuts aluminum, sheet metal, shingles, leather, floor coverings, paper, cardboard, and plastic. Straight cut, right cut, and left cut — handles are colour coded for easy identification.
Part No. 315-7801, Cuts left from tight curves to straight. Red handles.
Part No. 315-7802, Cuts straight or wide curves in light stock. Accomplishes most cutting requirements for home use. Yellow handles.
Part No. 315-7803, Cuts right from tight curves to straight. Green handles.

Cutting Tools

PROFESSIONAL HACKSAW
•Designed with the professional in mind. Its square frame construction and tension control features ensure true, efficient cuts under the toughest conditions. Sturdy comfort grip, blade storage compartment.
Part No. 320-0088.

SQUARE FRAME FIXED HACKSAW
Part No. 320-2009.

HEAVY DUTY HACKSAW
•Oval tube hacksaw cuts at 45° and 90° with 4" clearance.
Part No. 320-0086.

STANDARD HACKSAW
•Oval tube hacksaw with heavy gauge round steel tubing. Spring loaded release for quick blade changes. Cuts at 90° and 180°.
Part No. 320-0084.

PRECISION MINI-HACKSAW
•Designed to cut in confined areas. For flush cutting of nails. Blade length adjusts easily with a single screw. Durable comfort grip handle.
Part No. 320-0080.

KEYHOLE WOOD SAW
•Ideal for precision cuts in drywall, ceiling tiles, or panelling. Sharp point blade designed for self starting cuts in soft material. Comfortable pressure cast handle.
Part No. 320-0043.
Part No. 320-0045, 2 pk. replacement blades.

KEYHOLE HACKSAW
•Ideal for precision cuts in sheet metal, laminates, panelling, or composite materials. Comfortable pressure cast handle.
Part No. 320-0040.
Part No. 320-0044, 2 pk. replacement blades.

Mechanic's Tools

PRO SLIP JOINT PLIERS
•Sure gripping precision milled jaws with durable wire cutter. Light and rugged drop forged alloy steel.

PART NO.	LENGTH
400-1111	6-1/2"
400-1112	8"

•A general purpose economy tool for gripping and bending objects.

PART NO.	LENGTH
401-0111	6"
401-0112	8"

•Economy grade.

PART NO.	LENGTH
402-0181	6"

PRO GROOVE JOINT PLIERS
•Sure gripping precision milled jaws. Grooves undercut to prevent slipping when tightening.

PART NO.	LENGTH
400-1113	10"
400-1114	12"

•Economy grade.

PART NO.	LENGTH
401-0115	8"
401-0113	10"
401-0114	12"

PRO DIAGONAL CUTTING PLIERS
•For cutting wire close to the surface. Tapered head allows clearance for the user's knuckles.

PART NO.	LENGTH
405-2905	5"
405-2906	6"
405-2907	7"

•Economy grade

PART NO.	LENGTH
406-1905	5"
406-1906	6"
406-1907	7"

PRO LONG NOSE CUTTING PLIERS
•Strong sure gripping jaws manipulate wire and other awkward objects. Slim tapered head extends reach.

PART NO.	LENGTH
405-2925	5"
405-2926	6"
405-2928	8"

•Economy grade

PART NO.	LENGTH
406-1925	5"
406-1926	6"
406-1928	8"

PRO SLIP LINESMAN PLIERS
•Precision milled jaws grip and hold wire without slipping.

PART NO.	LENGTH
405-2947	7"
405-2948	8"

•Economy grade.

PART NO.	LENGTH
406-1947	7"
406-1948	8"

PRO END CUTTING NIPPER
•Designed for close to surface cutting. Sturdy head designed for maximum strength and leverage.

PART NO.	LENGTH
405-2956	6"

•Economy grade.

PART NO.	LENGTH
406-1956	6"

MINIATURE PLIERS

•Handy tools for the home and workshop. They are the perfect tool for general hobby or craft work.
Part No. 411-7151, Miniature long nose pliers, 5" length.
Part No. 411-7152, Miniature diagonal cutting pliers, 4-1/2" length.
Part No. 411-7153, Miniature needle nose pliers, 6" length.
Part No. 411-7154, Miniature end cutting nipper, 4" length.
Part No. 411-7155, Miniature bent nose pliers, 5" length.
Part No. 411-7156, Miniature flat nose pliers, 5" length.

PLIER SETS

Part No. 413-1972, 2 pc. Cutting Pliers Set - 6" diagonal pliers; 7" linesman pliers.
Part No. 413-1973, 3 pc. Cutting Pliers Set - 6" diagonal pliers; 6" long nose pliers; 7" linesman pliers.
Part No. 413-7005, 5 pc. Miniature Pliers Set - 5" long nose pliers; 4-1/2" diagonal pliers; 4" end cutting nippers; 5" bent nose pliers; 5" flat nose pliers.

PRO ADJUSTABLE WRENCHES

•Engineered to perform under the most demanding conditions. From its lightweight chrome Vanadium steel construction to its close-fitting adjustments, Fuller Pro Adjustables are designed to stand the test of time.

PART NO.	LENGTH
415-0004*	4"
415-0006*	6"
415-0008*	8"
415-0010*	10"
415-0012*	12"
415-0015	15"
415-0018	18"

*With durable rubber grip

•Economy grade

PART NO.	LENGTH
416-0006	6"
416-0008	8"
416-0010	10"
416-0012	12"

PIPE WRENCHES

•Every plumber and home handyman will appreciate the durability of Fuller Pipe Wrenches. Precision milled sure gripping teeth, spring action ensures sure grip and quick release. Drop forged alloy steel jaw.

PART NO.	LENGTH
431-0041	8"
431-0042	10"
431-0043	14"
431-0044	18"
431-0046	24"

PRO COMBINATION WRENCH SETS

•Fuller Pro combination wrench sets are packaged in durable cloth back pouches for long life protection. The 11 piece and 14 piece sets are in a rolled pouch with individual pockets for each wrench, for easy storage and identification.

PART NO.	DESCRIPTION	CONTENTS
421-1386	6 pc. S.A.E. Combination Wrench Set	3/8", 7/16", 1/2", 9/16", 5/8", 3/4"
421-1346	6 pc. Metric Combination Wrench Set	10 mm, 11 mm, 13 mm, 14 mm, 15 mm, 17 mm
421-1381	11 pc. S.A.E. Combination Wrench Set	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
421-1341	11 pc. Metric Combination Wrench Set	7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm,14 mm, 15 mm, 17 mm, 19 mm
421-1314	14 pc. S.A.E. Combination Wrench Set	3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"

ECONOMY GRADE COMBINATION WRENCH SETS

PART NO.	DESCRIPTION	CONTENTS
426-2206	6 pc. Metric Combination Wrench Set	7 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm
426-1372	9 pc. S.A.E. Combination Wrench Set	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
426-1371	9 pc. Metric Combination Wrench Set	7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm

FULLER

Mechanic's Tools

C-CLAMPS

•Reinforced at all stress points. Equipped with a heavy duty steel screw and a large clamping surface. Fully enamelled to preserve the finish.

PART NO.	OPENING	DEPTH	MATERIAL
450-0761	1"	1"	Malleable iron
450-0762	2"	1-1/2"	Malleable iron
450-0772	2-1/2"	2-3/8"	Ductile iron
450-0763	3"	1-3/4"	Ductile iron
450-0764	4"	2-3/8"	Ductile iron
450-0765	5"	2-1/2"	Ductile iron
450-0766	6"	2-3/4"	Ductile iron
450-0768	8"	3-3/8"	Ductile iron
450-0769	2-1/2"	4-3/8"	Ductile iron

SPRING CLAMPS

•The perfect tool when quick clamping of flat or round objects is required. Heavy duty spring and comfortable vinyl grips; vinyl covered tips.

PART NO.	LENGTH	CAPACITY
450-0101	4-1/4"	1"
450-0102	6-1/2"	2"
450-0103	9-1/4"	3"

GLUEING CLAMPS

•Constructed of strong malleable iron with Acme thread screws for maximum tightening strength.

Part No. 450-0971, For use with 1/2" threaded pipe.
Part No. 450-0973, For use with 3/4" threaded pipe.

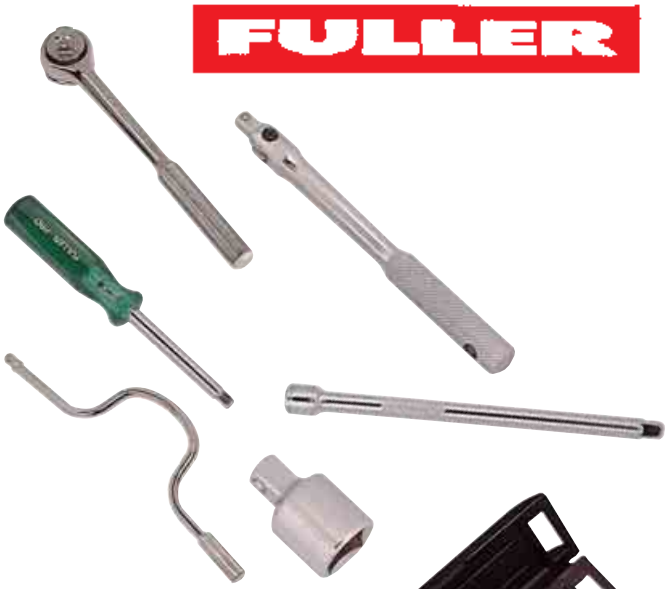
QUICK CLAMPS

Part No. 451-0904, 2 x 4" capacity.
Part No. 450-0906, 6" capacity.
Part No. 450-0912, 12" capacity.
Part No. 450-0918, 18" capacity.
Part No. 450-0924, 24" capacity.
Part No. 450-0936, 36" capacity.

Socket Accessories

PRO SOCKET ACCESSORIES - Chrome Vanadium - Chrome Finish

	1/4" DRIVE	3/8" DRIVE	1/2" DRIVE	3/4" DRIVE
Quick Release Ratchet	507-1902	507-3902	507-4902	—
Ratchet	507-1901	507-3901	507-4901	507-6901B
Flex Handle	507-1903	507-3903	507-4903 (12" length)	507-6903B
Flex Handle	—	—	507-4905 (15" length)	—
Spinner handle	507-1905	—	—	—
Speed handle	—	—	507-4930	—
Universal Joint	—	507-3910	507-4910	—
Adapters				
to 1/4"	—	507-3908	—	—
to 3/8"	—	—	507-4908	—
Extension Bars				
3"	507-1916	507-3916	—	—
4"	—	—	—	507-6916B
5"	—	—	507-4920	—
6"	507-1920	507-3920	—	—
8"	—	—	—	507-6918B
10"	—	—	507-4924	—
12"	—	507-3922	—	—
16"	—	—	—	507-6926B



Socket Sets

SOCKET SETS - Chrome Vanadium - 6 Point

PART NO.	DESCRIPTION	SET INCLUDES:
527-2204	20 pc. Socket Set - SAE	1/4" drive sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32". 3/8" drive sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"; 5/8" spark plug socket; 3/8" drive 3" and 6" extensions; 3/8" F x 1/4" M adapter; 3/8" drive professional ratchet; 1/4" drive spinner handle in plastic storage case.
537-2341	41 pc. Socket Set - SAE and Metric	1/4" drive sockets: 4 mm to 13 mm, 3/16" to 1/2"; 3/8" drive sockets: 11 mm to 19 mm, 3/8" to 3/4"; 3/8" drive 5/8" and 13/16" spark plug socket; 3/8" drive, 3" extensions; 3/8" F x 1/4" M adapter; 3/8" drive ratchet; 1/4" drive spinner handle in plastic storage case.

527-2204

PRO 3/8" DRIVE SOCKET SETS - Chrome Vanadium - 6 Point

PART NO.	DESCRIPTION	SET INCLUDES:
527-3144	14 pc. Socket Set - SAE	Sockets: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"; 5/8" spark plug socket; 3" and 6" extensions; professional ratchet in plastic storage case.
527-3200	20 pc. Socket Set - SAE	Sockets: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"; 5/8" spark plug socket; 3" and 6" extensions; professional ratchet in plastic storage case.
527-3359	35 pc. Socket Set - SAE and Metric	Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 18 mm, 19 mm; 1" insert bits: slot 1/4", 5/32", Phillips #1, #2, #3, square recess #0, #1, #2, #3, TORX® T15, T20, T25; Insert bit adapter; 5/8" spark plug socket; 3" and 6" extensions; 3/8" F x 1/4" M adapter; professional ratchet; 1/4" drive spinner handle in plastic storage case.

527-3144

PRO 3/4" DRIVE SOCKET SETS - Chrome Vanadium - 12 Point

PART NO.	DESCRIPTION	SET INCLUDES:
527-6204	20 pc. Socket Set - SAE	Sockets: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-3/4", 1-13/16", 1-7/8", 2"; 4" and 8" extensions; 20" professional ratchet in metal storage case.

527-3359

PRO WAVEX™ HAMMERS

•Shock absorbing Wavex hammer is "hard on nails but easy on the arm". Wavex Technology is recognized by the Canadian Physiotherapy Association as an effective shock-absorbing hammer. Cushion grip handle. Fully polished heat treated face.

PART NO.	DESCRIPTION	WEIGHT	HANDLE TYPE
600-8016	Claw hammer	16 oz.	Wavex cushion grip
600-8020	Claw hammer	20 oz.	Wavex cushion grip
600-8120	Ripping hammer	20 oz.	Wavex cushion grip
600-8322	Ripping hammer mill face	22 oz.	Wavex cushion grip
600-8328	Ripping hammer mill face	28 oz.	Wavex cushion grip
611-8016	Ball pein hammer	16 oz.	Wavex cushion grip
611-8024	Ball pein hammer	24 oz.	Wavex cushion grip
611-8032	Ball pein hammer	32 oz.	Wavex cushion grip

PRO STEEL HAMMERS

•One piece steel hammers — the contractors' choice. Perfectly balanced for years of durable use.

PART NO.	DESCRIPTION	WEIGHT	HANDLE TYPE
600-5016	Claw hammer	16 oz.	Comfort grip
600-5020	Ripping hammer	20 oz.	Comfort grip
600-5022	Ripping hammer	22 oz.	Comfort grip

PRO HAMMERS

•Fuller offers an extensive line of Tubular, Fibreglass, and Hickory handle hammers with the professional in mind.

PART NO.	DESCRIPTION	WEIGHT	HANDLE TYPE
600-3016	Claw hammer	16 oz.	Tubular
600-3216	Claw hammer	16 oz.	Fibreglass, black
600-4016	Claw hammer	16 oz.	American hickory
600-4022	Framing hammer	22 oz.	American hickory

HAMMERS

PART NO.	DESCRIPTION	WEIGHT	HANDLE TYPE
600-3116	Claw hammer	16 oz.	Tubular
600-3316	Claw hammer	16 oz.	Fibreglass, blue
600-4107	Claw hammer	7 oz.	Hardwood
600-4116	Claw hammer	16 oz.	Hardwood
600-4216	Claw hammer	16 oz.	Wood
605-9008	Dead blow hammer	8 oz.	Orange
605-9016	Dead blow hammer	16 oz.	Orange
605-9024	Dead blow hammer	24 oz.	Orange
605-9032	Dead blow hammer	32 oz.	Orange
611-4008	Ball pein hammer	8 oz.	Hickory
611-4016	Ball pein hammer	16 oz.	Hickory
611-4024	Ball pein hammer	24 oz.	Hickory
611-4032	Ball pein hammer	32 oz.	Hickory

RUBBER MALLETS

•Hardwood handle rubber mallets with either black or non-marking white rubber heads.
Part No. 605-0972, 16 oz., Black.
Part No. 605-0975, 32 oz., Black.
Part No. 605-0977, 16 oz., White.
Part No. 605-0978, 32 oz., White.

PRO CAMPER'S AXE

•With extra large head, heat treated to hold its edge. Hardened tubular steel shaft and deluxe grip. 20 oz.
Part No. 610-7220.

NAIL SETS & CENTRE PUNCHES

•Nail sets are made of hardened and tempered alloy steel. Tips are cupped for self centrering of nail, and tapered to minimize surface damage. Centre punch features a chamfered tip to minimize surface damage.
Part No. 620-0132, Nail set, 1/32" tip.
Part No. 620-0133, Nail set, 2/32" tip.
Part No. 620-0134, Nail set, 3/32" tip.
Part No. 620-0135, Centre punch, 1/8" tip.
Part No. 620-0136, 4 pc. nail sets and centre punch.

PRY & SCRAPER BARS

•Made of the highest quality heat treated carbon steel, with a baked paint finish. Edges are specially bevelled for pulling, lifting, and scraping.
Part No. 615-5513, All purpose pry bar, 7½" x 7/8".
Part No. 615-5514, Pry and scraper bar, 9½" x 1¾".
Part No. 615-5515, Heavy duty pry bar, 13½" x 2".

FULLER

Wrenches & Miscellaneous Tools

ADJUSTABLE WRENCHES
•Chrome plated

PART NO.	OVERALL LENGTH
GD-101	6”
GD-102	8”
GD-103	10”
GD-104	12”
GD-105	15”
GD-106	18”
GD-107	24”

4 pc. ADJUSTABLE WRENCH SET
•6”, 8”, 10”, and 12” adjustable wrenches
Part No. GD-108.

COMBINATION WRENCH SETS
Part No. GD-141, 11 pc. Combination wrench set - SAE 3/8” - 1”, high polished.
Part No. GD-142, 22 pc. Combination wrench set - SAE 3/8” - 1”, Metric 9 mm - 23 mm, high polished.
Part No. GD-143, 14 pc. Combination wrench set - SAE 3/8” - 1-1/4”, high polished.
Part No. GD-144, 11 pc. Combination wrench set - metric 8 mm - 22 mm, high polished.
Part No. GD-145, 14 pc. Combination wrench set - metric 9 mm - 32 mm, high polished.
Part No. GD-146, 10 pc. Jumbo combination wrench set - SAE 1-5/16” - 2” raised panel.

RIDGID PATTERN PIPE WRENCHES

PART NO.	OVERALL LENGTH
GD-181	8”
GD-182	10”
GD-184	14”
GD-185	18”
GD-186	24”
GD-187	36”
GD-188	48”

4 pc. RIDGID PATTERN PIPE WRENCH SETS
•Includes: 8”, 10”, 14”, and 18” ridgid pipe wrenches
Part No. GD-189.

•Includes: 8”, 10”, 14”, and 24” ridgid pipe wrenches
Part No. GD-190.

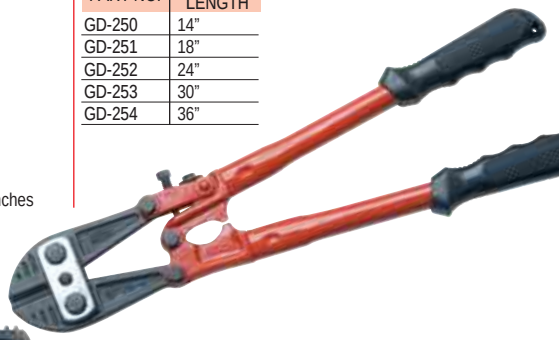
RIDGID PATTERN ALUMINUM PIPE WRENCHES

PART NO.	OVERALL LENGTH
GD-191	14”
GD-192	18”
GD-193	24”
GD-194	36”

3 pc. RIDGID PATTERN ALUMINUM PIPE WRENCH SET
•Includes: 14”, 18”, and 24” ridgid aluminum pipe wrenches
Part No. GD-195.

BOLT CUTTERS

PART NO.	OVERALL LENGTH
GD-250	14”
GD-251	18”
GD-252	24”
GD-253	30”
GD-254	36”



PIPE CUTTERS
Part No. GD-231, Pipe cutter #2: 1/2” - 2”.
Part No. GD-232, Pipe cutter #3: 1” - 3”.

TUBING CUTTER
Part No. GD-233, 1/8” - 1-1/8” tubing cutter.

RATCHET HEAD PIPE THREADER
c/w 5 dies 1/4” - 1”.
Part No. GD-230.

Pliers

•Drop forged, high grade steel construction •Non-slip, vinyl coated, cushion handles

COMBINATION LINESMAN PLIERS (HEAVY DUTY)
•Hardened side cutting blades
•Finely polished heads

PART NO.	LENGTH
GD-300	6”
GD-301	8”
GD-302	10”

LONG NOSE PLIERS (HEAVY DUTY)
•Hardened side cutting blades •Finely polished heads.

PART NO.	LENGTH
GD-305	6”
GD-306	8”

BENT NOSE PLIERS (HEAVY DUTY)
•Hardened side cutting blades •Finely polished heads

PART NO.	LENGTH
GD-310	6”
GD-311	8”

DIAGONAL CUTTING PLIERS (HEAVY DUTY)
•Finely polished heads •Non-slip, vinyl coated, cushion handles

PART NO.	LENGTH
GD-315	6” diagonal
GD-316*	7-1/2” diagonal
GD-317	8” offset
GD-318	10” diagonal

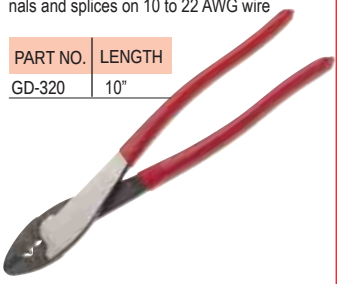
*“Big Head” high leverage design provides 40% more cutting power.

•Drop forged, high grade steel construction •Non-slip, vinyl coated, cushion handles

MULTI CRIMPING/CUTTING PLIERS (HEAVY DUTY)

•Provides excellent leverage for easy crimping and cutting •Crimps bare or insulated terminals and splices on 10 to 22 AWG wire

PART NO.	LENGTH
GD-320	10"



3 pc. PLIER SET (HEAVY DUTY)

•Hardened side cutting blades •Finely polished heads •Includes: 8" combination linesman pliers, 8" long nose pliers, and 7-1/2" diagonal cutter
Part No. GD-335.

FENCING PLIERS (HEAVY DUTY)

•Finely polished heads

PART NO.	LENGTH
GD-330	10-1/2"

CABLE CUTTER (HEAVY DUTY)

•Precision ground, hardened cutting edges

PART NO.	LENGTH
GD-325	10"

5 pc. PLIER SET (HEAVY DUTY)

•Hardened side cutting blades •Finely polished heads •Includes: 8" combination linesman pliers, 8" long nose pliers, 7-1/2" diagonal cutter, 8" slip joint pliers, and 10" locking pliers
Part No. GD-337.

STRAIGHT LONG NOSE PLIERS (HEAVY DUTY)

•Finely polished heads •Extra long design for hard-to-reach areas

PART NO.	LENGTH
GD-340	11"
GD-342	16"

OFFSET LONG-NOSE PLIERS (HEAVY DUTY)

•Finely polished heads •Extra long design for hard-to-reach areas

PART NO.	LENGTH
GD-345	11"
GD-347	16"

45° LONG-NOSE PLIERS (HEAVY DUTY)

•Finely polished heads •Extra long design for hard-to-reach areas

PART NO.	LENGTH
GD-350	11"
GD-352	16"

90° LONG-NOSE PLIERS (HEAVY DUTY)

•Finely polished heads •Extra long design for hard-to-reach areas

PART NO.	LENGTH
GD-355	11"
GD-357	16"

CIRCLE NOSE PLIERS (HEAVY DUTY)

•Finely polished heads •Extra long design for hard-to-reach areas

PART NO.	LENGTH
GD-360	11"
GD-362	16"

MINI END CUTTING PLIERS (HEAVY DUTY)

•Spring loaded •Hardened end cutting blades •Finely polished heads

PART NO.	LENGTH
GD-365	4-1/2"
GD-366	8"
GD-367	10"

3 pc. MINI PLIERS SET

•Drop forged, high-grade steel construction •Spring loaded •Hardened side cutting blades •Finely polished heads •Non-slip, vinyl coated, cushion handles •Includes: 5" mini long nose pliers, 5" mini bent nose pliers, and 4-1/2" mini diagonal cutter pliers
Part No. GD-370.

5 Pc. MINI PLIERS SET

•Drop forged, high-grade steel construction •Spring loaded •Hardened side cutting blades •Finely polished heads •Non-slip, vinyl coated, cushion handles •Includes: 5" mini long nose pliers, 5" mini bent nose pliers, 4½" mini diagonal cutter pliers, 4½" mini end cutter pliers, and 5" mini flat nose pliers
Part No. GD-372.

SLIP JOINT PLIERS

•Drop forged, high-grade steel construction •Precision milled jaws •Triple chrome plated heads •Non-slip, vinyl coated, cushion handles

PART NO.	LENGTH
GD-380	6"
GD-381	8"
GD-382	10"

GROOVE JOINT PLIERS

•Drop forged, high-grade steel construction •Precision milled jaws •Triple chrome plated heads •Non-slip, vinyl coated, cushion handles

PART NO.	LENGTH
GD-385	8"
GD-386	10"
GD-387	12"
GD-388	16"

Pliers

4 Pc. SNAP RING PLIERS SET WITH SPRING

•Black oxide finish •For use on both internal and external retaining rings •Includes: straight tip spring return "open" pliers, straight tip spring return "close" pliers, 90° tip spring return "open" pliers, and 90° tip spring return "close" pliers
Part No. GD-390, 6" snap ring plier set.
Part No. GD-391, 8" snap ring plier set.

Locking / Clamping Pliers & Clamps

•Drop forged alloy steel •Triple chrome plated

LOCKING GRIP PLIERS

•Precision milled curved jaws and wire cutter •Instant release lever and positive locking

PART NO.	LENGTH
GD-400	5"
GD-401	7"
GD-402	10"

LONG NOSE LOCKING GRIP PLIERS

•Precision milled jaws and wire cutter •Instant release lever and positive locking

PART NO.	LENGTH
GD-405	7"
GD-406	10"

LOCKING GRIP SHEET METAL PLIERS

•Instant release lever and positive locking

PART NO.	LENGTH
GD-410	10"

LOCKING GRIP WELDING PLIERS

•Instant release lever and positive locking

PART NO.	LENGTH
GD-415	9"

LOCKING GRIP C-CLAMP PLIERS

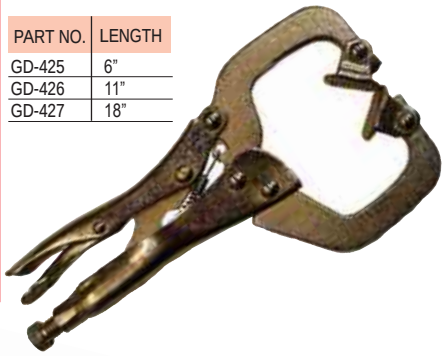
•Instant release lever and positive locking

PART NO.	LENGTH
GD-420	11"

LOCKING GRIP C-CLAMP PLIERS w/ SWIVEL PADS

•Instant release lever and positive locking •Ideal for uneven surfaces

PART NO.	LENGTH
GD-425	6"
GD-426	11"
GD-427	18"



LOCKING GRIP CHAIN CLAMP

•Quick release handle •Adjusts to ratchet pipe

PART NO.	LENGTH
GD-430	10" chain

Screwdrivers & Socket Sets

SPECIALTY SCREWDRIVERS

•Extra long 12" shaft

PART NO.	TIP
SLOT	
GD-470	3/16"
GD-471	1/4"
PHILLIPS	
GD-472	#1
GD-473	#2
ROBERTSON	
GD-474	#1
GD-475	#2

3 pc. SOCKET HOLDER SET

For 1/4", 3/8", 1/2" drive sockets.
Each bar holds 14 sockets.
Part No. GD-500.

21 pc. 3/4" DRIVE SOCKET SET - S.A.E.

Includes 16 sockets 7/8" - 2"; 3/4" ratchet; 2 extensions; flex handle.
Part No. GD-510.

IMPACT SOCKETS - SAE

3/8" DRIVE		
SIZE	SHALLOW	DEEP
5/16"	GD3810S	GD3810SD
3/8"	GD3812S	GD3812SD
7/16"	GD3814S	GD3814SD
1/2"	GD3816S	GD3816SD
9/16"	GD3818S	GD3818SD
5/8"	GD3820S	GD3820SD
11/16"	GD3822S	GD3822SD
3/4"	GD3824S	GD3824SD

1/2" DRIVE		
SIZE	SHALLOW	DEEP
7/16"	GD1214S	GD1214SD
1/2"	GD1216S	GD1216SD
9/16"	GD1218S	GD1218SD
5/8"	GD1220S	GD1220SD
11/16"	GD1222S	GD1222SD
3/4"	GD1224S	GD1224SD
13/16"	GD1226S	GD1226SD
7/8"	GD1228S	GD1228SD
15/16"	GD1230S	GD1230SD
1"	GD1232S	GD1232SD
1-1/16"	GD1234S	GD1234SD
1-1/8"	GD1236S	GD1236SD
1-3/16"	GD1238S	GD1238SD
1-1/4"	GD1240S	GD1240SD
1-5/16"	GD1242S	GD1242SD
1-3/8"	GD1244S	GD1244SD
1-7/16"	GD1246S	GD1246SD
1-1/2"	GD1248S	GD1248SD

3/4" DRIVE		
SIZE	SHALLOW	DEEP
3/4"	GD3424S	GD3424SD
13/16"	GD3426S	GD3426SD
7/8"	GD3428S	GD3428SD
15/16"	GD3430S	GD3430SD
1"	GD3432S	GD3432SD
1-1/16"	GD3434S	GD3434SD
1-1/8"	GD3436S	GD3436SD
1-3/16"	GD3438S	GD3438SD
1-1/4"	GD3440S	GD3440SD
1-5/16"	GD3442S	GD3442SD
1-3/8"	GD3444S	GD3444SD
1-7/16"	GD3446S	GD3446SD
1-1/2"	GD3448S	GD3448SD
1-9/16"	GD3450S	GD3450SD
1-5/8"	GD3452S	GD3452SD
1-11/16"	GD3454S	GD3454SD
1-3/4"	GD3456S	GD3456SD
1-13/16"	GD3458S	GD3458SD
1-7/8"	GD3460S	GD3460SD
1-15/16"	GD3462S	GD3462SD
2"	GD3464S	GD3464SD
2-1/16"	GD3466S	
2-1/8"	GD3468S	GD3468SD
2-3/16"	GD3470S	GD3470SD
2-1/4"	GD3472S	GD3472SD
2-5/16"	GD3474S	GD3474SD
2-3/8"	GD3476S	GD3476SD
2-7/16"	GD3478S	GD3478SD
2-1/2"	GD3480S	GD3480SD

1" DRIVE		
SIZE	SHALLOW	DEEP
1-1/2"	GD1048S	
1-9/16"	GD1050S	
1-5/8"	GD1052S	
1-11/16"	GD1054S	
1-3/4"	GD1056S	
1-13/16"	GD1058S	
1-7/8"	GD1060S	
1-15/16"	GD1062S	GD1062SD
2"	GD1064S	GD1064SD
2-1/16"	GD1066S	
2-1/8"	GD1068S	GD1068SD
2-3/16"	GD1070S	
2-1/4"	GD1072S	GD1072SD
2-5/16"	GD1074S	
2-3/8"	GD1076S	GD1076SD
2-7/16"	GD1078S	
2-1/2"	GD1080S	GD1080SD
2-9/16"	GD1082S	GD1082SD
2-5/8"	GD1084S	GD1084SD
2-11/16"	GD1086S	GD1086SD
2-3/4"	GD1088S	GD1088SD
2-13/16"	GD1090S	GD1090SD
2-7/8"	GD1092S	GD1092SD
2-15/16"	GD1094S	GD1094SD
3"	GD1096S	GD1096SD
3-1/8"	GD1098S	
3-1/4"	GD10100S	GD10100SD
3-3/8"	GD10102S	GD10102SD
3-1/2"	GD10104S	GD10104SD
3-5/8"	GD10106S	
3-3/4"	GD10108S	
3-7/8"	GD10110S	
4"	GD10112S	
4-1/8"	GD10114S	
4-1/4"	GD10116S	
4-1/2"	GD10118S	

1/2" SQ. DRIVE HEX IMPACT SOCKETS

PART NO.	SIZE
GD7310A	5/16"
GD7312A	3/8"
GD7314A	7/16"
GD7316A	1/2"
GD7318A	9/16"
GD7320A	5/8"
GD7322A	11/16"
GD7324A	3/4"

BUDD WHEEL SOCKETS

•Sizes: 1-1/2" x 13/16" •Extra deep design allows removal of both nut and stud with 1 socket. Fits most domestic trucks with dual rear wheels.
Part No. GD3448BSD, 3/4" drive.
Part No. GD1048BSD, 1" drive.

IMPACT SOCKET SETS

Part No. GD3809S, 9 pc. 3/8" Drive Shallow Impact Socket Set - SAE (5/16" - 3/4").
Part No. GD3809SD, 9 pc. 3/8" Drive Deep Impact Socket Set - SAE (5/16" - 3/4").
Part No. GD3809M, 9 pc. 3/8" Drive Shallow Impact Socket Set- METRIC (8 - 19 mm).
Part No. GD3809MD, 9 pc. 3/8" Drive Deep Impact Socket Set - METRIC (8 - 19mm).
Part No. GD1211S, 11 pc. 1/2" Drive Shallow Impact Socket Set- SAE (7/16" - 1").
Part No. GD1212SD, 12 pc. 1/2" Drive Deep Impact Socket Set - SAE (3/8" - 1").
Part No. GD1211M, 11 pc. 1/2" Drive Shallow Impact Socket Set - METRIC (11-24 mm).
Part No. GD1212MD, 12 pc. 1/2" Drive Deep Impact Socket Set - METRIC (10 - 24mm).
Part No. GD3409S, 9 pc. 3/4" Drive Shallow Impact Socket Set - SAE (1" - 1-1/2").
Part No. GD3409SD, 8 pc. 3/4" Drive Deep Impact Socket Set - SAE (1" - 1-1/2").
Part No. GD1009S, 9 pc. 1" Drive Shallow Impact Socket Set - SAE (1" - 2").
Part No. GD1009SD, 9 pc. 1" Drive Deep Impact Socket Set - SAE (1" - 2").

IMPACT SOCKET ACCESSORIES

	3/8" DRIVE	1/2" DRIVE	3/4" DRIVE	1" DRIVE
Universal Joint	GD3800UJ	GD1200UJ	GD3400UJ	GD1000UJ
Adapters				
to 3/8" male	—	GD1238AD	—	—
to 1/2" male	GD3812AD	—	—	—
to 1/2" male w/ ball	—	—	GD3412AD	—
to 3/4" male	—	GD1234AD	—	GD1034AD
to 1" male	—	—	GD3410AD	—
Extension Bars - 4"	—	—	GD3404EXT	GD1004EXT
Extension Bars - 6"	—	—	GD3406EXT	GD1006EXT
Extension Bars - 7"	—	—	GD3407EXT	GD1007EXT
Extension Bars - 8"	—	—	GD3408EXT	GD1008EXT
Extension Bars - 12"	—	—	GD3412EXT	GD1012EXT

IMPACT SLIDING T-HANDLES & L-BAR

Part No. GD6160, 3/4" drive, Sliding T-Handle Bar, length 20".
Part No. GD6180, 1" drive, Sliding T-Handle Bar, length 30".
Part No. GD6199, 3/4" drive, L-Bar.

Hacksaw Frames & Blades

ADJUSTABLE HACKSAW FRAME
•All steel, nickel plated handle.
Part No. GD-530.

12" HACKSAW BLADES
Part No. GD-531, 18 tooth.
Part No. GD-532, 24 tooth.

Punch & Chisel Sets

12 PC. HOLLOW PUNCH SET
Drop forged hardened steel
•Honed cutting edges •Knurled grip •Includes: 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", and 3/4".
Part No. GD-550.

12 PC. PUNCH AND CHISEL SET
•Includes: (6) Chisels, (1) Pin Punch, (2) Centre Punches, (3) Taper Punches
Part No. GD-551.

16 PC. MECHANIC'S PUNCH AND CHISEL SET
•Chrome Vanadium steel •Fully hardened and tempered •Includes: (5) Taper Punch sizes- 3/32" x 5-1/4", 1/8" x 5-3/4", 5/32" x 6", 3/16" x 6-1/4", 1/4" x 6-3/4"; (5) Pin Punch sizes- 3/32" x 4-1/4", 1/8" x 4-3/4", 5/32" x 5", 3/16" x 5-1/4", 1/4" x 5-3/4"; (3) Cold Chisels sizes-3/8" x 5-1/2", 1/2" x 6", 5/8" x 6-1/2"; (2) Centre Punch sizes-1/8" x 5", 3/16" x 6"; (1) Chisel and Punch Gauge.
Part No. GD-552.

Scraper & Remover Sets

5 pc. SCRAPER & REMOVER SET
•Includes: 8-1/4" and 11" multi-purpose scraper, 8" scratch awl, 9" cotter pin puller and radiator hose remover.
Part No. GD-560.

Hammers

PART NO.	DESCRIPTION	WEIGHT	HANDLE TYPES
GD-580	Claw Hammer	16 oz.	Fibreglass handle
GD-581	Claw Hammer	24 oz.	Fibreglass handle
GD-585	Framing Hammer	16 oz.	Fibreglass handle
GD-586	Framing Hammer	24 oz.	Fibreglass handle
GD-590	Ball Pein Hammer	16 oz.	Fibreglass handle
GD-591	Ball Pein Hammer	24 oz.	Fibreglass handle
GD-592	Ball Pein Hammer	32 oz.	Fibreglass handle
GD-595	Cross Pein Hammer	2 lb.	Fibreglass handle
GD-596	Cross Pein Hammer	3 lb.	Fibreglass handle
GD-597	Cross Pein Hammer	4 lb.	Fibreglass handle
GD-600	Short Handle Sledge Hammer	2 lb.	Fibreglass handle
GD-601	Short Handle Sledge Hammer	3 lb.	Fibreglass handle
GD-602	Short Handle Sledge Hammer	4 lb.	Fibreglass handle
GD-603	Long Handle Sledge Hammer	6 lb.	Fibreglass handle
GD-604	Long Handle Sledge Hammer	8 lb.	Fibreglass handle
GD-605	Long Handle Sledge Hammer	10 lb.	Fibreglass handle
GD-606	Long Handle Sledge Hammer	12 lb.	Fibreglass handle
GD-607	Long Handle Sledge Hammer	16 lb.	Fibreglass handle
GD-608	Long Handle Sledge Hammer	20 lb.	Fibreglass handle
GD-610	Brass Hammer	16 oz.	Fibreglass handle
GD-611	Brass Hammer	24 oz.	Fibreglass handle
GD-612	Brass Hammer	32 oz.	Fibreglass handle

C-CLAMPS

Part No. GD-640, 2".
Part No. GD-641, 3".
Part No. GD-642, 4".
Part No. GD-643, 6".
Part No. GD-644, 8".
Part No. GD-645, 10".
Part No. GD-646, 12".

4 pc. PRY BAR SET

Part No. GD-650.

4 pc. SCREWDRIVER TYPE PRY BAR SET

•8" - 24"
Part No. GD-655.

STEEL LETTER STAMP SETS

Part No. GD-690, 4 mm.
Part No. GD-691, 6 mm.
Part No. GD-692, 8 mm.

STEEL NUMBER STAMP SETS

Part No. GD-680, 4 mm.
Part No. GD-681, 6 mm.
Part No. GD-682, 8 mm.

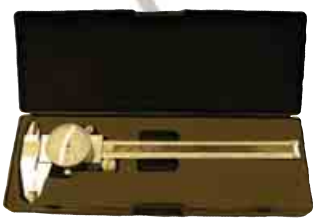
DRESSERS

•Calder dressers are used for cleaning and truing grinding wheels which keep the grinding wheels performing accurately and efficiently. Up to 10" diameter size of wheel dressed.
Part No. GD-700.

Replacement cutters for above dressers. 1-1/4" diameter, 7/16" face width, 1/4" hole size.
Part No. GD-701.

DIAL CALIPERS

Part No. GD-710.



ELECTRONIC DIGITAL CALIPERS

Part No. GD-711.
(Uses replacement battery #357BP.)

4 TON HAND CABLE PULLER

Part No. GD-770.

AUTOMATIC WIRE STRIPPER

Part No. GD-780.

SHOE HANDLE WIRE BRUSH - 4 ROW

Part No. GD-785.

CELEBRATING 40 YEARS
40
1968 Gregg 2008

Hand Tools

POST & TERMINAL CLEANER
4 way, shaves off rust and corrosion.
Part No. 613-121.

BATTERY BRUSH
Cleans battery posts and terminals. Plastic case.
Part No. 613-122.

SIDE TERMINAL BATTERY WRENCH
Reversible 5/16" ratcheting box wrench.
Part No. 613-123.

BATTERY TERMINAL LIFTER
Jaws spread 2-1/2" x 2" deep, use for pulling small gears, pulleys, and bearings. Perfect for removing worn terminal leads from battery. Steel.
Part No. 613-130.

MAGNETIC/MIRROR/SCRIBER TOOL
3-in-1 telescopic tool, 8-1/2" - 28".
Part No. 636-010.

TELESCOPIC MAGNETIC PICK-UP TOOLS
Part No. 636-012, 5-1/4" - 25".
Part No. 636-014, w/light, 6-1/2" - 27".

CIRCUIT/VOLTAGE TESTERS
12 and 24 volt heavy duty circuit tester. 48" lead.
Part No. 637-100.

6, 12, and 24 volt voltage tester. 60" lead.
Part No. 637-200.

BOLT CUTTERS
Drop forged chrome Vanadium steel blades. Hardness HRC56-62. Unique one-bolt blade adjustment. Comfortable grips.

BOLT CUTTER PART NO.	SIZE	REPLACEMENT BLADES PART NO.
690-350	12"	690-351
690-352	14"	690-353
690-354	18"	690-355
690-356	24"	690-357
690-358	30"	690-359
690-360	36"	690-361
690-362	42"	690-363

MULTI-FUNCTIONAL UTILITY PLIERS
8". Forged from quality chrome Vanadium alloy steel. 1000 watt voltage insulated grip. Numerous functions including soft and hard wire cutter, wire stripper, crimper, bottle cap opener, nail and wire puller, multi-wrench, small bolt cutter and wire twister.
Part No. 648-018.

MULTI-FUNCTIONAL LONG NOSE PLIERS
8". Forged from quality chrome Vanadium alloy steel. 1000 watt voltage insulated grip. Numerous functions including soft and hard wire cutter, wire stripper, crimper, bottle cap opener, nail and wire puller, multi-wrench, small bolt cutter and wire twister.
Part No. 648-028.

MULTI-FUNCTIONAL DIAGONAL PLIERS
8". Forged from quality chrome Vanadium alloy steel. 1000 watt voltage insulated grip. Numerous functions including soft and hard wire cutter, wire stripper, crimper, bottle cap opener, nail and wire puller, multi-wrench, small bolt cutter and wire twister.
Part No. 648-038.

CABLE & SPRING WIRE CUTTER
Cuts cleanly, eliminating frayed ends. Capacity 3/16" diameter — cable; 1/16" diameter — spring wire. Vinyl coated handles.
Part No. 648-040.

MULTI-PURPOSE HOME PARTNER PLIERS
10". Use as hammer, nail puller, pliers, etc.
Part No. 648-058.

BEARING PULLER
3 jaw. 1/2" - 1-1/2" I.D. capacity. For automotive flywheels, bicycle and motorcycle wheels, etc.
Part No. 648-060.

14 pc. CHISEL SET
SAE chisels.
Part No. 690-214.

MAGNETIC BOWLS/TRAYS
Stainless steel.
Part No. 636-001, Bowl, 6" diameter x 1.2" depth.
Part No. 636-005, Tray, 9.6"L x 5.6"W x 1.68"H.

5 pc. CHISEL SET
SAE chisels, 1/2" - 1".
Part No. 690-205.

DYNALINE INDUSTRIES

Tools

TIRE CHAIN PLIERS

•Opens and closes chain hardware easily •Steel handles with rubber hand grips •Alloy steel jaws •32-1/2" overall length.
Part No. 68100.

HAND SWAGER

•For installing 1/16" to 3/16" aluminum or copper ferrules and stops •Heat-treated alloy jaws •Capacity: 1/16" dia. to 3/16" dia. •26" overall length
Part No. 77100.

CABLE CUTTERS

•Aluminum drop forged handles and heat-treated blades

PART NO.	CAPACITY	OVERALL LENGTH
77107	Up to 3/16"dia.	7-1/2"
77116	Up to 5/8" dia.	23"

DYNALINE

INTER-PACIFIC TRADING CORP.

Miscellaneous Tools

WELDING GROUND CLAMP

Part No. WG-200, 200 amp.
Part No. WG-300, 300 amp.
Part No. WG-500, 500 amp.

WELDING ROD HOLDER

Part No. WRD-102, 400 amp.

CHIPPING HAMMER

Long wooden handle.
Part No. WH-20.

CHIPPING HAMMER

Spring handle with cone and chisel.
Part No. WHS-21.

TIP CLEANER

Part No. WHC-22.

TRIPLE FLINT LIGHTER

Part No. WHL-23.

4 PACK TRIPLE FLINT REFILLS

Part No. WHL-24.

5" SOAP STONE

Part No. WSS-25, flat.
Part No. WSS-26, round.

CELEBRATING 40 YEARS
40
1968 Gregg 2008

Gear Wrenches & Sets

SIGNET the perfect solution

REVERSIBLE GEAR WRENCHES

Reversible Ratcheting Combination Wrenches feature:
•15° offset •reverses with the flick of a lever •compact design •small working angle •high torque

PART NO.	SIZE	LENGTH
34661	5/16”	140 mm
34662	3/8”	159 mm
34663	7/16”	165 mm
34664	1/2”	178 mm
34665	9/16”	190 mm
34666	5/8”	208 mm
34667	11/16”	225 mm
34668	3/4”	248 mm
34608	8 mm	140 mm
34609	9 mm	149 mm
34610	10 mm	159 mm
34611	11 mm	165 mm
34612	12 mm	171 mm
34613	13 mm	178 mm
34614	14 mm	190 mm
34615	15 mm	199 mm
34616	16 mm	208 mm
34617	17 mm	225 mm
34618	18 mm	236 mm
34619	19 mm	248 mm

GEAR WRENCHES

Ratcheting Combination Wrenches feature:
•5° offset •72 teeth •compact design •small working angle •high torque

PART NO.	SIZE	LENGTH
34101	1/4”	140 mm
34102	5/16”	140 mm
34103	3/8”	159 mm
34104	7/16”	165 mm
34105	1/2”	178 mm
34106	9/16”	190 mm
34107	5/8”	208 mm
34108	11/16”	225 mm
34109	3/4”	248 mm
34110	13/16”	291 mm
34111	7/8”	291 mm
34112	15/16”	331 mm
34113	1”	331 mm
34114	1-1/16”	356 mm
34115	1-1/8”	407 mm
34116	1-1/4”	426 mm

PART NO.	SIZE	LENGTH
34208	8 mm	140 mm
34209	9 mm	149 mm
34210	10 mm	159 mm
34211	11 mm	165 mm
34212	12 mm	171 mm
34213	13 mm	178 mm
34214	14 mm	190 mm
34215	15 mm	199 mm
34216	16 mm	208 mm
34217	17 mm	225 mm
34218	18 mm	236 mm
34219	19 mm	248 mm
34222	22 mm	291 mm
34224	24 mm	331 mm
34227	27 mm	356 mm
34228	30 mm	400 mm
34229	32 mm	426 mm

GEAR WRENCH SETS

PART NO.	DESCRIPTION	SET INCLUDES:
34688	8 pc. SAE Reversible Gear Wrench Set	5/16”, 3/8”, 7/16”, 1/2”, 9/16”, 5/8”, 11/16”, 3/4” in blow mold case
34162	9 pc. SAE Gear Wrench Zipper Set	1/4”, 5/16”, 3/8”, 7/16”, 1/2”, 9/16”, 5/8”, 11/16”, 3/4”
34164	12 pc. SAE Gear Wrench Zipper Set	5/16”, 3/8”, 7/16”, 1/2”, 9/16”, 5/8”, 11/16”, 3/4”; 4 adapters
34170	20 pc. SAE Gear Wrench Set	5/16”, 3/8”, 7/16”, 1/2”, 9/16”, 5/8”, 3/4”; 4 adapters; 9 bits in blow mold case
34646	6 pc. Metric Reversible Gear Wrench Set	8 mm, 10 mm, 12 mm, 13 mm, 17 mm, 19 mm
34263	12 pc. Metric Gear Wrench Pouch Set	8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm,
34266	12 pc. Metric Gear Wrench Zipper Set	8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm,
34268	16 pc. Metric Gear Wrench Zipper Set	8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm,
34270	20 pc. Metric Gear Wrench Set	8 mm, 10 mm, 12 mm, 13 mm, 14 mm, 15 mm, 18 mm; 4 adapters; 9 bits in blow mold case

34162

34164

34170

34263

STUBBY GEAR WRENCHES

PART NO.	SIZE	LENGTH
34131	3/8”	94 mm
34132	7/16”	102 mm
34133	1/2”	105 mm
34134	9/16”	107 mm
34135	5/8”	118 mm
34136	11/16”	126 mm
34137	3/4”	130 mm
34231	10 mm	94 mm
34232	11 mm	102 mm
34233	12 mm	105 mm
34234	13 mm	107 mm
34235	14 mm	114 mm
34236	15 mm	118 mm
34237	16 mm	122 mm
34238	17 mm	126 mm
34239	18 mm	130 mm
34240	19 mm	138 mm

STUBBY GEAR WRENCHES
The same precision movement and quality as the full size gear Wrench. The short pattern along with the slim head and body allow these stubby wrenches into places where no other wrenches will work.

STUBBY GEAR WRENCH SETS

7 pc. SAE Stubby Gear Wrench Set
Includes: 3/8”, 7/16”, 1/2”, 9/16”, 5/8”, 11/16”, 3/4” in a packing tray
Part No. 34145.

10 pc. Metric Stubby Gear Wrench Set
Includes: 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm in a packing tray
Part No. 34249.

SIGNET INTERNATIONAL

SIGNET TOOL INC.

Double Box End Gear Wrenches & Sets

DOUBLE BOX END GEAR WRENCHES

PART NO.	SIZE	LENGTH
34402	5/16 x 3/8"	128 mm
34403	7/16 x 1/2"	160 mm
34404	9/16 x 5/8"	190 mm
34405	11/16 x 3/4"	230 mm
34502	8 x 9 mm	130 mm
34503	10 x 11 mm	150 mm
34504	12 x 13 mm	160 mm
34505	14 x 15 mm	190 mm
34506	16 x 18 mm	210 mm
34507	17 x 19 mm	230 mm

SAE & METRIC DOUBLE BOX END GEAR WRENCH SETS

PART NO.	DESCRIPTION	SET INCLUDES:
34454	4 pc. SAE Double End Gear Wrench Zipper Set	5/16 x 3/8", 7/16 x 1/2", 9/16 x 5/8", 11/16 x 3/4"
34556	6 pc. Metric Double End Gear Wrench Zipper Set	8 x 9 mm, 10 x 11 mm, 12 x 13 mm, 14 x 15 mm, 16 x 18 mm, 17 x 19 mm

Gear Wrench Adapters

Adapters allow you to use the GearWrench as a fine tooth socket and bits ratchet.

GEAR WRENCH ADAPTERS & SETS

Part No. 34180, 1/4" drive SAE hex adapter.
Part No. 34181, 1/4" drive (for 3/8") socket adapter.
Part No. 34182, 3/8" drive (for 1/2") socket adapter.
Part No. 34183, 1/2" drive (for 19 mm, 3/4") socket adapter.
Part No. 34291, 3/8" drive (for 1/2") socket adapter with quick release.
Part No. 34292, 1/2" drive (for 3/4") socket adapter with quick release.
Part No. 34184, 4 pc. gear wrench adapter set for SAE; includes #34180, 34181, 34182, 34183; carded.
Part No. 34280, 1/4" drive metric hex bit socket adapter.
Part No. 34281, 1/4" drive (for 10 mm) socket adapter.
Part No. 34282, 3/8" drive (for 13 mm) socket adapter.
Part No. 34283, 1/2" drive (for 18 mm) socket adapter.
Part No. 34297, 3/8" drive (for 13 mm) socket adapter with quick release.
Part No. 34298, 1/2" drive (for 19 mm) socket adapter with quick release.
Part No. 34284, 4 pc. gear wrench adapter set for metric; includes #34280, 34281, 34282, 34283; carded.

Noga Deburring Tools

56031

56011

56302

S20

N2

LIZA BURR - Double-sided SN blade holder, accepts all "N" and "S" blades. 1-N1 and 1-N2 blades included.
Part No. 56008.

NOGA BURR 3 - Tool with S10, S20 and S35 blades. Capable of holding all "S" blades.
Part No. 56006.

NOGA BURR 5 - Tool with S10, S20, S35, S101 and S202 blades. Capable of holding all "S" blades.
Part No. 56007.

INTERNAL THREAD CLEANER - Cleans damaged internal threads. Minimum dia. 9 mm.
Part No. 56032.

NOGA O RING BURR - Removes burrs from internal grooves. Range: 0 - 3 mm.
Part No. 56033.

EXTERNAL ROTO-DRIVE - Cuts external chamfer on almost all materials. Range: 5 - 18 mm.
Part No. 56031.

DOUBLE BURR - Includes: A handle with guard and 2 N-80 blades. Best tool available for deburring sheet metal.
Part No. 56011.

RAPID BURR - Tool with S10 blade. Accepts all "S" blades. Replaceable.
Part No. 56002.

UNIKIT EXTRA - The most complete UNIKIT. Recommended to professional machinists and tool makers.
Part No. 56302.

NOGA BLADES (Sold in packs of 10)

Part No. 56120, S10 Swivel Blade - for heavy duty steel, plastic and aluminum.
Part No. 56130, S20 Swivel Blade - for heavy duty brass and cast iron.
Part No. 56134, S35 Swivel Blade - for straight edges.
Part No. 56101, N1 Swivel Blade - for steel, plastic and aluminum.
Part No. 56110, N2 Swivel Blade - for brass and cast iron.
Part No. 56114, N10 Swivel Blade - for plastic and hard materials
Part No. 56161, Mini Scraper blade.

Specialty Automotive Tools

BRAKE CYLINDER HONES

•Controlled pressure makes it possible to polish or hone with just one stone grit •Square ends of stones hone to the end in step-cut and blind-end cylinders •240 grit stones are 1-1/8" long •Flexible driver
Part No. 10000, Three stone utility model - range 27/32" to 2".
Part No. 10500, Two stone model - range 11/16" to 2-1/2".
Part No. 10050, Set replacement stones for #10000.
Part No. 10550, Set replacement stones for #10500.

DISC BRAKE HONE

•Special abrasive pads polish the cylinder without cutting •Controlled pressure •Three abrasives and flexible driver give good stability and speed •Stones are 1" long
Part No. 10400, Disc brake hone - range 1-1/2" to 3-1/8"
Part No. 10490, Set replacement stones for #10400

BRAKE SPRING TOOL

•A special tool for removing and replacing brake return springs that are set over a post •Heat treated end fitting engages the hook and removes it from the post when the tool is turned clockwise •"Shoe horn" design on the other end makes it easy to slip the spring back over the post •Large handle gives good grip
Part No. 46750.

BRAKE SPRING PLIERS

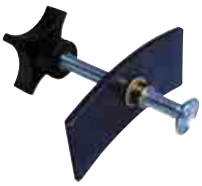
•Use plier tips to stretch brake spring •Handle ends remove and install spring over anchor post
Part No. 11260.

BRAKE SPRING WASHER TOOL

•Troublesome brake shoe retaining spring washers can now be easily removed and then reinstalled •Wide "window" allows better visibility to align the nail and washer slot •Fits both large and small washers
Part No. 47400.

DISC BRAKE PAD SPREADER

•For installing pads on most domestic and import cars and light trucks •Makes changing pads an easy job •Tool compresses disc brake piston for easy pad installation
Part No. 24400.



BRAKE BLEEDING KIT

•Everything needed to quickly bleed brakes with no mess •Plastic bottle collects discharged fluid •Three separate adapters fit the common bleeder screws
Part No. 19200.

BRAKE ADJUSTMENT TOOL

•Speeds star wheel adjusting •Insert tool through slot in backing plate •Different angle at each end adapts to various makes and models
Part No. 50700.

FRONT HUB & KNUCKLE SEPARATOR

•Prevents damage to bearing and other components when removing front hub •Tool drives against loosened retaining bolts to separate the hub from the knuckle
Part No. 39300.

PICKLE FORK KIT

•For separating ball joints, tie rods, Pitman arms and other uses •Six tools in one for exceptional versatility and value •Kit consists of three forks (11/16", 15/16", 1-1/8") and two handles; one for hammering, the other for use with air hammer (.401" shank) •All forks are threaded to interchange with either handle •Forks are heavy duty forgings •Handles are heat treated alloy steel
Part No. 41500.

BALL JOINT / TRUCK BRAKE ANCHOR PIN / U-JOINT PRESS

•Tough tool makes easy work of 3 different jobs •Removes and installs press fit type ball joints found on cars and light trucks •Tool makes removing and installing truck brake anchor pins fast and easy •Also works on u-joints to press joint from the drive shaft for replacement •Tool comes with detailed instructions and a heavy duty plastic storage case
Part No. 43620.

PITMAN ARM PULLER

•Heavy duty puller works on most cars and trucks •Designed to work on even the most stubborn Pitman arm pulling jobs •Position puller jaws over Pitman arm and turn centre screw to free Pitman arm •Puller body is drop forged and heat treated for strength
Part No. 41900.

STRUT TOOL

•This is an inexpensive, but safe strut spring compressor •Fits all strut spring sizes, import and domestic •Heavy duty clamps and bolts securely hold spring during operation
Part No. 62300.

4-WD WHEEL BEARING LOCK-NUT TOOLS

•#27250 for 4 slot applications •#27400 combination tool for both 4 slot and 6 slot applications
•1/2" drive •Not for use with impact wrench
Part No. 27250, Wheel bearing lock nut tool.
Part No. 27400, Combination 4-WD wheel bearing lock nut tool.

RATCHETING LOCK NUT TOOL

•Double ended for both sizes of ratcheting style lock nuts •Two tools in one! Small end fits Ford 1986 to 1994 light trucks with Dana 44 front axle •Large end fits 1985 and newer Ford F150-F350 trucks with Dana 80 full floating rear axle •Press tool into lock nut and rotate to release the ratchet inside the lock nut •A torque wrench is used when installing •Use with 1/2" square drive
Part No. 28000.

FWD AXLE NUT SOCKETS

•For all 30 mm and 36 mm axle nuts •Durable, impact grade material •Deep to fit over variable axle length •Works where standard sockets won't •Use 1/2" drive
Part No. 39500, 30 mm socket.
Part No. 39550, 36 mm socket.

ENGINE CYLINDER HONE

•Micrometer head assures accuracy in feeding •Expands quickly to cylinder size with fast action rack and pinion •Bottom guard plate helps prevent stones from accidentally hitting the crankshaft •Universal joint action makes grinding of back cylinder easy •Clip on stones and wipers are easily changed in a few seconds •Use with heavy duty 1/2" drill •Standard range 3" to 4-1/4" •Big range (2-3/4" - 10-1/4") with additional rack sets and stone sets •Long 5" stones cut faster, more accurately •Includes: Cylinder hone body with 1 set of #15540 standard range rack. 1 set each of #15500 coarse stones and #15510 medium stones, cleaning brush and dressing paddle in a sturdy storage case.
Part No. 15000.

See chart for rack sets and stone and wiper sets available. All stone and wiper sets consist of two stones and two wipers.

Cylinder Size Range	Rack Set Part No.	Stone & Wiper Set Part Numbers			
		80 Grit	180 Grit	280 Grit	500 Grit
2-3/4" - 3-3/4"	15550	15680	*15740	15700	—
3" - 4-1/4"	15540	15500	15510	15520	15990
4" - 6-1/4"	15530	15500	15510	15520	15990
6-1/8" - 10-1/4"	15560	15500	15510	15520	15990

*For Nikasil Cylinders

SMALL CYLINDER HONE - For 1-3/4" to 2-3/4" Cylinders

•Precision built for small cylinders •Stones are 3-1/2" long, assuring unusual accuracy •Stones cover full range, are easily changed, and available in four grits •Comes complete with #16410, #16420, and #16430 medium grit stone sets in sturdy storage case.
Part No. 16000.

*Stones For Nikasil Cylinders - These special stones are designed for honing Nikasil plated cylinders found on some ATVs, motorcycles, snowmobiles, waverunners and other small cylinders

Cylinder Size Range	Stone & Wiper Set Part Numbers			
	80 Grit	180 Grit	280 Grit	For Alum.
1.75" - 2.20"	16440	*16570	16380	16470
2.05" - 2.50"	16450	*16580	16390	16480
2.35" - 2.75"	16460	*16590	16400	16490

*For Nikasil Cylinders

CV BOOT CLAMP PLIERS

•For all ear type clamps including GM FWD outboard CV joints •Designed for use with a torque wrench, as required for stainless steel bands
Part No. 30800.

WRINKLE BAND RING COMPRESSOR

•Wrinkle band cuts friction in half •Rings slide in easily •Wrinkle band can't slip down into cylinder •Cam operated - set adjustment screw just once for entire set of pistons
Part No. 21700.

RING COMPRESSORS

•Spring clutch eliminates ratchet problems •Assures a proper fit on the piston and a positive locking action
Part No. 19500, Range 2⅛" to 5" - Height 3½".
Part No. 20500, Range 3½" to 7" - Height 3½".
Part No. 21000, Range 3½" to 7" - Height 7".
Part No. 21500, Range 7" to 10" - Height 7".

SMALL ENGINE RING COMPRESSOR

•Takes all the rings at one setting •For small cylinders: 1-1/2" to 3".
Part No. 18500.

COMBUSTION LEAK DETECTOR

•Quickly pinpoints combustion leaks •Checks for combustion leaks caused by bad head gaskets, cracked blocks, and cracked or warped heads •Indicating fluid changes from blue to yellow when exposed to combustion gases in the radiator
Part No. 75500.
Part No. 75630, Replacement fluid.

EXHAUST MANIFOLD SPREADER

•For reinstalling the manifold on small block Chevrolets •A simple way to expand a warped manifold so all bolt holes are accurately aligned •Helps prevent cross threading of manifold bolts •Works best when used in pairs, or install before removing manifold to prevent misalignment
Part No. 13000.

RIDGE REAMER

•Big range scraper action •Rollers assure easy turning in cylinder •Exclusive stabilizer spring allows operator to take selective cut to minimize chatter •Spring loaded carbide cutter follows contour of cylinder •Complete ridge removed in just a few easy turns •Offset jaw guides assure rigidity throughout the range of 2-11/16" to 5-5/16"
Part No. 36500.

RING GROOVE CLEANER

•Comes with two easy to set cutter wheels for quick cleaning of grooves •Heavy coil spring holds cutter in groove for fast removal of carbon •Tool comes with standard cutter blade sizes:
5/64", 3/32", 1/8", 5/32", 3/16" and special cutter blade sizes: 1.5 mm, 1/16", 1.75 mm, 2 mm, 1/4" •Handles pistons 2-3/4" to 5" diameter
Part No. 24000.

PISTON RING INSTALLER

•Save by reducing ring breakage •Tapered jaws to remove and install most passenger car and light truck rings from 3/64" to 1/4".
Part No. 33500.

VALVE SPRING COMPRESSOR

•An "on the car" tool •Makes compressing the spring and removing the keepers a simple job because there is no need to remove the head •Adjustable cam action •Fast, because there is no need to readjust the tool after each spring
Part No. 16750.

VALVE LAPPERS

•Thick, hardwood handles for easy lapping
Part No. 21100, Large valve lapper - 1-1/8" and 1-3/8" dia. cups.
Part No. 21200, Small valve lapper - 5/8" and 13/16" dia. cups.

SNEAKY PETE

•Removes and installs upper rear main seals without dropping crankshaft •Includes everything needed to speed up a long, slow job •Cork screw puller makes it easy to remove old seal •To install new seal included is a pulling wire with a removable T-handle and spring steel clip that grips the seal firmly as it is pulled into position •Two extra clips are furnished
Part No. 27000.

Specialty Automotive Tools

MECHANIC'S STETHOSCOPE
•Unique sound chamber and super thin diaphragm greatly amplifies sounds •Quickly pinpoints the source of noises in engines, transmissions, differentials and bearings
Part No. 52500.

STONE TYPE GLAZE BREAKER
•Controlled pressure assures positive, adjustable contact through full range •Operates with any electric drill •Furnished with 3" long 220 grit stones •Adjustable stop collar permits quick selection of two range settings, from 2" to 4" and from 4" to 7" •Stone arms are easily compressed to eliminate cylinder scratches
Part No. 23500, Glaze breaker - range 2" to 7"
Sets of Replacement Stones
Part No. 23520, 220 grit.
Part No. 23530, 240 grit.
Part No. 23540, 320 grit.

COMPRESSION TESTER
•Quickly and accurately check compression on gasoline engines •Gauge registers 0 - 300 psi and 0 - 2100 kpa •Fits 14 and 18 mm thread sizes
Part No. 20250.

COMPRESSION TESTER EXTENSION
•9" extension to access spark plug holes on Hemi and deep hole style engines •Accesses recessed 14mm spark plug holes •Use with a Lisle 20250 Compression tester and other compression testers with a 14mm male thread
Part No. 21950.

VACUUM GAUGE & FUEL PUMP TESTER
•Easy reading gauge assures accurate vacuum and pressure check
Part No. 20300.

OIL PRESSURE SWITCH SOCKET
•Fits 1-1/16" oil pressure sending unit (gauge type), found on most '91 and newer GM vehicles •Also fits '87 and newer Chrysler vehicles with combination light and gauge oil pressure switches •Use with 3/8" drive or 1-1/8" hex
Part No. 13250.

OXYGEN SENSOR SOCKET
•Removes and installs oxygen sensors on most domestic and some imports •Special 7/8" socket with cutaway slot to provide clearance for wire harness •Provides adequate depth to fit over sensor •Heat treated alloy steel •Use with 3/8" square drive or 1" wrench
Part No. 12100.

CARBURETOR ADJUSTING TOOL
•For adjusting idle / mixture screws on GM and Chrysler •Heavy duty flexible shaft for easy access •Four adapters conveniently store in the hollow handle
Part No. 55250.

SPARK PLUG HOLE THREAD CHASER
•Double ended for both 14 mm and 18 mm threads •Cleans threads in spark plug hole •Use with 13/16" spark plug socket
Part No. 20200.

SPARK PLUG GAPPERS
•For standard and electronic ignitions
Part No. 67800, Standard.
Part No. 67900, Electronic.

SPARK PLUG WIRE PULLER
•Removes spark plug wire boots from plugs •Tool performs well in difficult areas such as recessed and obstructed plugs •Square shaft prevents slipping •Thick plastic handle prevents electric shock and provides greater pulling power
Part No. 51250.

REMOTE STARTER SWITCH
•Tough, smooth working reliable switch •Features heavy gauge, rubber covered copper wire •Depress button to jog or start engine
Part No. 20750.

CLUTCH ALIGNMENT TOOL
•Faster, easier replacement of clutches •Align clutch plates and pilot bearings accurately •Shaft and bushings provide an accurate fit for eight pilot bearing sizes •Two turned sizes (1" and 1-1/8") fit 90% of the clutch plates and the tapered cone handles the rest
Part No. 55500.

SEAL PULLER
•For oil and grease seals •Simply insert the tip of the tool behind the oil or grease seal, press and pull •Leverage works for you •Two size tips reach in and fit nearly all seal applications
Part No. 56750.

ADJUSTABLE SEAL PULLER -
Head Adjusts to 5 Positions •Two hook sizes easily remove most oil and grease seals •Where clearance is a problem, remove the pin to reposition the head •The adjustable head works great on front wheel drive transaxles •Also works on front crankshaft seals without removing the radiator
Part No. 56650.
Part No. 56680, Pull Pin.

UNIVERSAL BEARING PACKER
•Fast and efficient •Simply place the bearing between the plastic cones, tighten, and apply grease through the fitting on the end of the threaded shaft •Forces out old grease and evenly injects fresh grease •Cone diameter is 4-1/2"
Part No. 65250.

HANDY PACKER™ BEARING PACKER

•Quickly flushes out old grease and repacks bearings with less mess •Works on bearings up to 3-1/2" O.D. •Can be used in a vise with heavy grease
Part No. 34550.

SHAFT IN SEAL PULLER

•Removes cam shaft and crank shaft seals without damage to the shaft •Engage the adjustable hook behind the seal •Brace the push rod against the engine head and push the handle to remove the seal •Removes the seal without damage to the shaft
Part No. 58430.

BEARING RACE & SEAL DRIVER

•Insert bearing race quickly, straight in on first try •Helps reduce damage to both race and axle housing •Six disc sizes fit most bearing race sizes •Turn discs over to drive seals
Part No. 12600.

SEAL DRIVER KIT

•Quickly drives seals without damage •Sixteen adapters for seals up to 3-3/8" diameter •Includes special adapters for "shielded" seals
Part No. 24800.

"SWIVEL GRIP" OIL FILTER WRENCHES

•Features the swivel handle, gripper "teeth" and 1" wide stainless steel band •The swivel handle makes it easy to turn filters in hard to reach locations •Vinyl covered handle
Part No. 53250, Large - range 4-1/8" to 4-1/2".
Part No. 53500, Standard - range 3-1/2" to 3-7/8".
Part No. 53700, Small - range 2-7/8" to 3-1/4".

OIL FILTER PLIERS

•Slip joint handle for greater range •Two position, slip joint handle produces the range of three separate conventional filter wrenches •Overall range 2-1/4" to 4" •Jaws are bent at a 20° angle to fit more applications •Sure grip teeth prevent slipping •Cushioned handles provide comfort
Part No. 50750.

TRUCK & TRACTOR OIL FILTER PLIERS

•Large pliers fit most truck and tractor oil filters including: Case, Caterpillar, Cummins, Detroit Diesel, John Deere, Mack and other applications •Two position, slip joint handle produces a big range •Overall range 3-5/8" to 6" •Sure grip teeth prevent slipping •Cushioned handles add comfort
Part No. 50950.

OIL / FUEL FILTER SOCKET FOR 6.0 L FORD DIESEL

•Removes and installs filters on 6 liter Ford diesel pickups •The low profile socket fits both the 35mm and 36mm fuel and oil filters •The low profile socket works in confined spaces •3/8" drive •Not for use with an impact wrench
Part No. 14500.

END CAP FILTER WRENCHES

•For many common oil filters •Cup design allows easy filter removal and installation from the end of the filter, even in tight locations •Use with 3/8" square drive •Important - match fluted end of the oil filter with the filter wrench to ensure you have the proper wrench
Part No. 54700, Fits 65 mm and 67 mm filters with 14 flutes.
Part No. 54740, Fits 74 mm and 76 mm filters with 15 flutes.
Part No. 54760, Fits 76 mm filters with 14 flutes.
Part No. 54780, Fits 93 mm filters with 15 flutes.

FILTER WRENCH

•Straight handle filter wrench •1" stainless steel band with special "teeth" grips tightly •Vinyl covered handle provides firm, comfortable grip •Overall range 3½" to 3-7/8".
Part No. 53900.

UNIVERSAL 3" OIL FILTER WRENCH

•Remove and install all 3" filters •Works in the tightest spots •Stainless steel band, with gripper teeth •3/8" square drive
Part No. 53400.

IMPORT CAR FILTER WRENCH

•Removes all oil filters from 2-1/2" to 3-1/8" in diameter •This extra large range fits most import car filters plus the common 3" domestic car filters •Steel jaws grip filter without slipping •Works in tight spots from the front of the filter using 3/8" drive
Part No. 63600, Filter wrench.
Part No. 63630, Replacement spring.

WIDE RANGE FILTER WRENCH

•Fits filters from 3-1/8" to 3-7/8" •The large range enables this wrench to fit most standard size filters •Steel jaws grip filter without slipping •Works great in tight spots since it works from the top of the filter •Use with 3/8" drive
Part No. 63250.

OIL FILTER WRENCH FOR JOHN DEERE

•Fits most John Deere tractors •Also works on some Case, Case/IHC, Allis Chalmers tractors and other farm implement products •Range 4-3/4" to 5-3/16" •"Swivel grip handle" •Tough stainless steel band with special "teeth" for extra gripping •Handle is made of tubular steel
Part No. 53200.

ADJUSTABLE OIL FILTER WRENCH

•For trucks and tractors •Case, Caterpillar, Detroit Diesel, John Deere, Mack and other applications •Tough stainless steel band with special "teeth" for extra gripping power •Professional quality •1/2" square drive •Range 4-3/8" to 5-5/8"
Part No. 53100.

"BIG RANGE" FILTER WRENCH

•Adjusts quickly to fit any spin-on filter up to 6" diameter •Use with 1/2" drive or 3/4" wrench •Strong nylon belt
Part No. 63500.

Specialty Automotive Tools

"SWIVEL GRIP" TRUCK FILTER WRENCH

•For truck size filters •"Swivel grip handle" •Tough stainless steel band with special "teeth" for extra gripping •Handle is made of tubular steel
Part No. 54200, Cummins & Detroit Diesel engines - range 4-5/16" to 4-3/4".
Part No. 54300, Caterpillar engines - range 5-1/4" to 5-3/4".

FUEL FILTER SOCKET, 5.9L CUMMINS

•Helps remove and install fuel filters on 5.9 litre Cummins engines •Use the low profile, 29mm socket on the raised hex on the fuel filter housing •3/8" drive
Part No. 14600.

MAGNETIC DRAIN PLUG

•Protect your engine •Remove metal particles from engine oil to help reduce engine wear •For most domestic engines •Replace regular 1/2" - 20 oil pan drain plugs
Part No. 12750.

TORX® SOCKET SET

•For external Torx bolts •Seven sizes E-6 through E-16 •The three smaller sizes are 1/4" drive •The four larger sizes are 3/8" drive •Made of heat treated alloy steel •Includes: E6, E7, E8, E10, E12, E14, E16
Part No. 26750.

TORX® BIT SETS

•Torx bits are made of heat treated alloy steel •Torx bits T-10 through T-30 are 1/4" drive, T-40 through T-55 are 3/8" drive, T-60 is 1/2" drive
9 piece set - Includes: T-10, T-15, T-20, T-25, T-27, T-30, T-40, T-45, T-50
Part No. 26550.

12 piece set - Includes: T-10, T-15, T-20, T-25, T-27, T-30, T-40, T-45, T-47, T-50, T-55, T-60
Part No. 27200.

MASTER TAMPER RESISTANT TORX® BIT SET

•Ten hex insert bits with two bit holders •Seven smallest bits are used with the 1/4" bit holder •Three largest bits are used with the 3/8" bit holder •Includes: T-10, T-15, T-20, T-25, T-27, T-30, T-40, T-45, T-50, T-55
Part No. 26530.

TAMPER RESISTANT TORX® BIT SET

•Seven 1/4" hex inserts bits with 1/4" drive bit holder •Fits tamper resistant Torx fasteners found on radio mountings, exterior mirrors, carburetors and other applications •Includes: T-10, T-15, T-20, T-25, T-27, T-30, T-40
Part No. 26000.

MAGNETIC TORX® SCREWDRIVER SET

•Bits conveniently store in handle •Bits held by a strong magnet •Includes four popular 1/4" hex insert Torx bits: T-15, T-20, T-25, T-30
Part No. 14750.

LONG ARM HEX KEY SETS

•Allows for longer reach for deep socket Allen type screws •Increases torque •Keys are heat treated alloy steel •Comes in handy storage case
12 key standard - Hex keys: 5/16", 1/4", 7/32", 3/16", 5/32", 9/64", 1/8", 7/64", 3/32", 5/64", 1/16", .50"
Part No. 42500.

9 key metric - Hex keys: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm
Part No. 42650.

FOLDING HEX / TORX® KEY SETS

•Keys are heat treated alloy steel
9 key standard - Hex keys: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16". Folded length: 3-1/2"
Part No. 42000.

7 key metric - Hex keys: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm. Folded length: 3-3/4"
Part No. 42020.

7 key Torx - Hex keys: T-10, T-15, T-20, T-25, T-27, T-30, T-40. Folded length: 4-1/4".
Part No. 42040.

HEX KEY SETS

•Keys are heat treated alloy steel •Comes in handy storage case
12 key standard - Hex keys: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16"
Part No. 42150.

9 key metric - Hex keys: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm
Part No. 42300.

HEX BIT SETS

•3/8" square drive •High strength, heat treated alloy steel bits are securely broached into chrome plated sockets •No set screws to tighten
7 pc. standard - Hex bits: 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
Part No. 13600.

7 pc. metric - Hex bits: 3 mm, 4 mm, 5 mm, 6 mm, 7 mm, 8 mm, 10 mm
Part No. 33850.

MASTER CHUCK KEYS

•Handy chuck keys, each with 4 sizes. Strong neodymium magnets for attachment close to the worksite or toolbox •Cast from alloy steel for strength
Part No. 12050, small master chuck key.
Part No. 12060, large master chuck key.

LOCK RING PLIERS

•For removing and installing all types of lock rings •Spreads lock rings commonly found on transmissions, master cylinders, brakes and other applications •Specially designed jaws are knurled on the end to prevent slippage
Part No. 44900.

COMBINATION INTERNAL / EXTERNAL SNAP RING PLIERS

•A combination tool for internal and external snap rings •Compresses internal rings in one position •Move the quick change reversing lever to expand external rings •Comes with four sets of tips in a plastic box
Part No. 46000.

IGNITION MODULE WRENCH FOR FORD

•For 7/32" hex retaining bolts on Ford ignition module •May be used with 1/2" wrench
Part No. 64650.

HAND IMPACT TOOL SET

•3/8" sq. drive impact tool with 3/8" drive bit holder; #1, #2, #3, #4 Phillips bits and 3/8" straight slot bit •Loosens rusted, frozen nuts, bolts and screws •Unique design delivers over 200 ft. of "shock torque" •Can be reversed to tighten •Can be used with impact sockets
Part No. 29200.

SUPER OUT EXTRACTOR SET

•Made of a special hardened, shock resistant steel •Works on both left and right hand threads •Cuts straight into bolts, eliminating wedging or further tightening of frozen bolts and screws •Five extractor sizes for bolt sizes: 1/4", 5/16", 3/8", 7/16", 1/2"
Part No. 62900.

WINDSHIELD LOCKING STRIP TOOL

•Two double ended tips to fit most applications •Unique design allows tip to swivel 90° in either direction to work where others won't •Select the tip with opening that most closely fits locking strip, and then feed locking strip into eyelet
Part No. 47000.

WINDOW & DOOR CLIP REMOVER/ INSTALLER

•Removes and installs door handle and window crank clips •Works on GM, Ford and others using the common "C" type clip •Helps prevent damage to door panel upholstery •Opposite end firmly holds clip for easy installation
Part No. 18600.

DOOR UPHOLSTERY REMOVER

•For plastic fasteners •Place tool under the edge of the door panel and insert into fastener as far as possible... then simply pry up •Rugged tool with a large comfortable handle
Part No. 35400.

PLASTIC FASTENER REMOVER

•Removes various types of plastic hold-down fasteners from weather stripping, radiator shrouds, fender linings, etc. •Has a sliding urethane button for use when extra leverage is necessary
Part No. 35260.

BATTERY TERMINAL & WIPER ARM PULLER

•A dual purpose puller •Easily removes stuck battery terminals •Also removes bolted on windshield wiper arms that fit over a tapered spline
Part No. 54150.

BATTERY BRUSH

•Cleans dirt and corrosion from battery terminals and cable clamps •The external brush cleans cable clamps and internal brush cleans terminal posts
Part No. 11120.

SIDE TERMINAL BATTERY CLEANER

•"Coil spring" cutters polish the battery contact while stainless steel brushes clean the cable terminals
Part No. 11400.

WIRE TERMINAL TOOLS

•Designed to remove wires from terminals without damage to either •Can also retrieve trouble codes from engine computer on late model GM vehicles
Part No. 14900, Designed for Pack-Con and Weather-Pack terminals on GM C3 systems.
Part No. 56500, Prongs depress the "barbs" on conventional terminals.

LOW CIRCUIT TESTER

•Quick check both AC and DC current up to 28 volts with power on •Helps locate shorts or breaks in wiring •Complete with insulated grounding clip
Part No. 26250, Tester.
Part No. 26270, Replacement bulb.

"HANDY HOOKER" CIRCUIT TESTER

•Hooded probe protects your fingers and automatically centres the wire •Small size allows easy use even in the tightest places •Quickly test low voltage up to 28 volts •Alligator clip grounds tester
Part No. 25600.

HEAVY DUTY CIRCUIT TESTER

•Quickly tests low voltage up to 28 volts •A heavy duty circuit tester for lifetime use •The probe, handle, cord, and clamp are reinforced for extra durability •Comes with a strain relief spring on the cord
Part No. 28400.

HIGH-LOW CIRCUIT TESTER

•Checks both low voltage and spark plug wires •Low side checks AC and DC current up to 28 volts with power on •High side checks spark plug wires without piercing •Complete with insulated clip
Part No. 29500.

COMPUTER SAFE CIRCUIT TESTER

•Safe for automotive computers •Won't damage sensitive electronic components •Draws less than 21mA. at 12 volts DC. •Operating range 3-28 volts •The red light indicates positive polarity, green indicates negative polarity
Part No. 24550, Tester.
Part No. 24560, Replacement bulb.

CONTINUITY TESTER

•Checks continuity on wires, fuses, switches and other electrical systems •Just clip lead to one end of wire in question, probe other end of wire, if bulb lights up there is continuity - if bulb fails to light the circuit is open •Not to be used on live circuits or computer sensor feed circuits
Part No. 26200, Tester.
Part No. 26210, Replacement bulb.

Specialty Automotive Tools

SERPENTINE BELT TOOL
•Tool is used to remove and install belts on serpentine belt systems using the spring loaded idler pulley •Will reach where conventional ratchets or breaker bars won't •Fits pulleys requiring 13 mm, 14 mm, 15 mm, 16 mm, 18 mm hex; 3/8" and 1/2" square drive sizes •Two extensions can be bolted on for hard to reach areas
Part No. 57900.

THERMOSTAT GASKET CLEANER
•Cleans all hard to reach gasket surfaces •Use with a die grinder to quickly clean gasket surfaces on Dodge pickups, oil pans, water pumps and other inaccessible applications. The tool is equipped with a floating guide shaft so the user can steer the abrasive pad around the gasket surface.
Part No. 22500.
Part No. 22570, Replaceable abrasive pad.

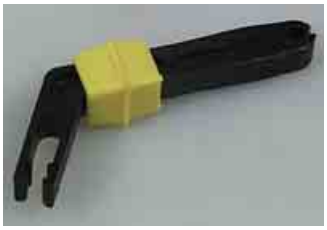
VALVE CORE TOOL
•Removes and installs valve cores and valve core caps. •The double ended core driver reverses in the tool body. The reversible driver fits both large and small valve cores •Use the reverse end to remove and install valve core caps •The long tool handle will access inside dual wheels •The light weight aluminum body is equipped with a pocket clip
Part No. 14100.
Part No. 14110, Core Driver.

Double ended core driver snaps into body.

STANDARD/HIGH ENERGY SPARK PLUG GAUGE & GAPPER
•Gauges and gaps all types of spark plugs from .020" to .100" (.50 mm to 2.53 mm) •Tapered edge for gauging spark plugs •Specially designed hole with flange adjusts side wire of plug without pressuring centre electrode
Part No. 67870.

SPARK PLUG WIRE TESTER
•Quickly locate faulty plug wires •No shock hazard •Now you can check spark plug wires without piercing the wires •Light flashes indicating sound wire
Part No. 26900.

FUSE PULLER
•Makes pulling fuses easy •No more stuck or broken fuses •For both glass and blade type fuses
Part No. 55200.



ELECTRICAL CONNECTOR SEPARATOR
•Quickly disconnects electrical connectors without damage •Tool is double-ended to fit different access angles •Works on Weather Pack and other electrical connectors
Part No. 13120.

DELUXE FEELER GAUGE
•31 blades •1 brass blade .010" •Precision blades ensure accurate measurements •Blades from .0015" to .035" (.038 - .889 mm) thickness are approximately 1/2" wide by 3-1/2" long
Part No. 68100.

STANDARD FEELER GAUGE
•15 steel blades •One 2" steel rule •Precision blades ensure accurate measurements •Blades from .002" to .025" (.051 - .635 mm) thickness are approximately 1/2" wide by 3-1/2" long
Part No. 67950.

GO-NO-GO FEELER GAUGE
•22 steel blades •Precision stepped blades have a .002" step for accurate settings •Blades from .004" to .027" (.102 - .686 mm) thickness are approximately 1/2" wide by 3-1/4" long
Part No. 68150.

HARMONIC BALANCE PULLER
•Helps stop damage to pulley and shaft •Designed to ease the operation of pulling the balancer pulley •It reduces damage to both the pulley and the shaft
Part No. 45500.

STEERING WHEEL PULLER
•Universal puller for most makes and models •Screw pad protects end of steering shaft •Heavy duty for long wear
Part No. 45000.

STRAP WRENCH
•Loosen or tighten cylindrical or rectangular objects •Self tightening strap wrench won't slip •Great for turning timing belt sprockets or belt pulleys •Range from 1" to 6-5/8" round •Tensile strength of strap is 1350 p.s.i. •Handle provides superior strength
Part No. 28500.

DOUBLE FLARING TOOL SET
•Makes both single and double S.A.E. flares •Tool set includes everything to flare thin wall steel, aluminium or .040 wall soft copper tubing •Set includes 5 thread dies and adapters for forming double flares on the following tubing sizes: 3/16", 1/4", 5/16", 3/8" and 1/2". Not for use on stainless steel tubing •Comes complete with detailed instructions and plastic storage box
Part No. 31310.

AIR CONDITIONING / FUEL LINE DISCONNECT TOOL SET
•Set of six tools which disconnect the spring lock couplings on Ford and Chrysler air conditioning line •Works on fuel line quick connect couplings found on GM, Ford, and Chrysler •The 5/16" size fits on push lock connectors found on Ford radiators and transmission lines •Easy to use in confined spaces •Includes: 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8"
Part No. 37000.

PULLEY PULLER / INSTALLER
•Removes and installs pressed on power steering, alternator and air pump pulleys •Puller will remove and install pulleys on most GM, Ford and Chrysler vehicles •Special adapters are included for GM 3.1 and Quad 4 engines •Works on traditional V-shaped pulleys and serpentine belt system pulleys •Tool comes complete with detailed instructions and plastic storage case
Part No. 38850.

HEAVY DUTY SCRAPER

•Sharp, hardened steel blades remove carbon, old gasket material, adhesives, sludge and other hard-to-clean substances from blocks, heads, etc. •Comes with three blades: 1", 1-1/2" and 2" widths •Tool will hold single edge razor blade for bumper stickers and decals

Part No. 51000.

RAZOR BLADE SCRAPER

•Designed to reach in tight places •Comes with five stainless steel blades for removing stickers from windshields, bumpers, etc. •Includes plastic blade for use on safety plastic laminated windshields •Spring release allows easy interchange of blades • Hollow handle stores blades

Part No. 52000, Scraper.

Part No. 52080, 5 pc. set, replacement plastic blades.

"O" RING & SEAL PICK

•Quickly removes and installs "O" rings and seals •Tips are angled for hard to reach areas typically found around brakes, air conditioning and transmissions •Tips are hardened to stay sharp •Handle is knurled for a sure grip

Part No. 31840.

SCRIBE

•Ideal for marking most metal and softer material surfaces •Comes with straight and 90° points to mark in even the tightest places •Heat treated carbon steel points provide durability •Knurled aluminum handle provides a sure grip

Part No. 31800.

TUBING BENDER

•Easy to use with one end connected - or can be mounted in a vise •Exclusive nylon form prevents kinking or flattening •For 3/16", 1/4", 5/16" and 3/8" O.D. tubing •Not recommended for 3/8" steel

Part No. 44000.

MINI CUTTER

•Smooth nylon action cuts tubing quickly •Features nylon construction, giving you smoother, easier operation and longer tool life •Can be used in tight places right on the car •For all types of metal tubing •Handles smallest to 5/8" O.D. •Non-corrosive

Part No. 50000.

FLEXIBLE FLASHLIGHT

•Flexible wire holds the shape you give it •Focused high intensity bulb (only 1/4" in diameter) fits into the tight spots

Part No. 32250, Flashlight.

Part No. 32310, Wire and bulb assembly.

TELESCOPING MIRROR

•Enables you to see around corners •2-¼" diameter mirror swivels to any position •Length extends from 6-5/8" to 36-3/8" •Has insulated vinyl grip

Part No. 32050.

HOT SLEEVE

•Protects arms from burns while working around the engine •Made of durable, heat-resistant Kevlar® •Double wall construction for added heat protection •Will protect hand and forearm from hot objects •Will work on either right or left arm. •Washable

Part No. 18700.

MAGNETIC PICK-UP TOOLS

•Will retrieve parts and tools from hard to reach places •Magnet shielded to concentrate magnetic field at end of tool

Part No. 31000, Extends from 14-1/2" to 23-1/4", lifts up to 2-1/2 lbs.

Part No. 31250, Total length 9-1/2", lifts up to 2 lbs.

Part No. 66500, Pocket pick-up telescopes from 4-1/2" to 16-1/4", lifts up to 2 lbs.

FENDER PROTECTOR

•Durable •Heavy duty •Long wearing foam vinyl protects the car and provides a convenient place for holding small tools and parts

Part No. 24750.

"SIDE WINDER" AIR HOSE REEL

•Provides a large 10" dia. reel to prevent tight coils in your air hose •Two built in tool hangers keep your air chuck, blow gun or other air tools handy •1/4" NPT brass swivel keeps air flowing freely and handles up to 250 p.s.i. •Coil spring brake keeps reel from unrolling •Versatile installation •All steel construction with durable powder baked paint finish •Supplies 28 C.F.M. at 90 p.s.i. •Reel holds 150 ft. of 5/8" O.D. hose or 100 ft. of 3/4" O.D. hose •17-3/4" dia. x 11" W x 19" H

Part No. 50350.

FLAT BAND HOSE CLAMP PLIERS

•Removes and installs flat band hose clamps used on heater and radiator hoses •Tips screw in and out to fit all clamp sizes •Ratcheting lock mechanism holds the clamp in an open position for easy removal and installation •Tips can be switched to accommodate different applications •Offset jaws allow access in hard to reach areas

Part No. 17100.

TAP SOCKET SET

•For use in restricted areas •Ideal for use in areas where a T handle won't fit •Set of 8 sockets fits all number and fractional M.C.T.I. standard taps through 1/2" •Fits 1/8" NPT taps and metric taps through 12 mm manufactured to M.C.T.I. standards

Part No. 70500.

TAP SOCKETS

Part No. 70860, #9 socket - for 5/8" (16 mm).

Part No. 70880, #10 socket - for 11/16" (18 mm).

Part No. 70900, #11 socket - for 3/4".

TAILPIPE EXPANDERS

•Removes clamp grooves and rounds out pipes •Practical, rugged tools that make easy work of a tough job •Two sizes fit most pipes

Part No. 32500, Range 1-5/8" to 2-7/16".

Part No. 32750, Range 2-3/8" to 3-1/4".

HOSE CUTTER

•Hose cutter will cleanly cut heater hoses, fuel lines, and other types of flexible hose up to 1-1/4" •Stainless steel blade is reversible for double the life

Part No. 11420.

Part No. 11450, Replacement blade.

Specialty Automotive Tools

PIPE STRETCHER RANGE EXTENDERS

•Fit over #34400 to create an even larger range of operation
•Made from strong, lightweight aluminum alloy

Part No. 17510, #1 Extender - range 2-3/8" to 2-3/4".
Part No. 17520, #2 Extender - range 2-3/4" to 3-1/8".
Part No. 17530, #3 Extender - range 3-1/8" to 3-1/2".
Part No. 17540, #4 Extender - range 3-1/2" to 3-7/8".
Part No. 17550*, #5 Extender - range 3-7/8" to 4-1/4".
* Extender #5 must be used with extender #3

EXHAUST/TAILPIPE STRETCHER

•Stretches all types of exhaust pipe including stainless steel •Use with an impact wrench to quickly stretch pipes for connection. Two collet sets fit pipes from 1-5/8" to 2-7/16". Can be used on the car. The pipe stretcher is a convenient, inexpensive alternative to hydraulic pipe expanders.
Part No. 34400.

HOOD PROP

•Includes a support to help prevent slipping •The tool includes our standard 45900 Hood Prop plus a support to help prevent the bottom of the tool from slipping •The three piece telescoping shaft locks in any position to hold hood to the desired height •The tool with the support telescopes from 20" to 48-1/4" •Place the support over a hood adjuster •Then set the hood prop base into the holding support
Part No. 46170, Hood Prop & Support.
Part No. 46180, Hood Prop Support.

Creepers

38" LOW PROFILE PLASTIC CREEPERS

•World's toughest creeper •Body fitting design •Six, pop in style 2" urethane wheels that resist corrosion and provide a smooth ride •Low profile 7/8" clearance •38" L x 17-1/2" W x 4" H
Part No. 92102, Red.
Part No. 93102, Yellow.
Part No. 94102, Blue.

Part No. 92132, Replacement 2" pop-in caster.

LOW PROFILE STEEL CREEPERS

•Tubular steel frame •Bed is high quality 1/2" plywood •Comes with four 2" ball bearing wheels for a smooth glide
Part No. 96102, 36" Creeper.
Part No. 96202, 42" Creeper.

Part No. 96132, Replacement 2" pop-in caster.

42" PADDED LOW PROFILE STEEL CREEPER

•Fully padded creeper on a 42" tubular steel frame •Pad is made of heavy duty vinyl and offers maximum comfort •Comes with four 2" ball bearing wheels
Part No. 96302, Creeper.

Part No. 96132, Replacement 2" pop-in caster.

LARGE WHEEL CREEPERS - Bigger Wheels for a Better Ride

•World's toughest creeper now available with larger, 4" pop-in urethane wheels •The larger wheels provide a much smoother ride on cracked or uneven floor surfaces, over floor debris and under heavy loads •Also rolls better on regular floor surfaces •The creeper body is the same as low profile plastic creeper models #92102, 93102 and 94102 •38" L x 17-1/2" W x 8-5/8" H •Floor clearance 3-3/4".
Part No. 92032, Red.
Part No. 93032, Yellow.
Part No. 94032, Blue.

LARGE CREEPER WHEELS

•Large 4" dia. urethane wheels for a better ride •The larger wheels roll better on all surfaces •Wheels also fit models #92102, 93102 and 94102.
Part No. 96572.

REPLACEMENT CREEPER WHEELS

(A) Part No. 99802, Replacement 2-3/4" plastic wheel.
(B) Part No. 99702, Replacement 3" steel wheel.
(C) Part No. 97112, Replacement 2" rubber wheel.

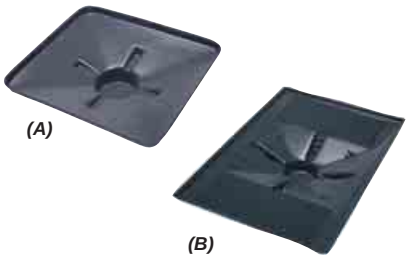
(A)

(B)

(C)

TRANSMISSION DRAIN FUNNELS

•Heavy duty plastic lift drain funnel extends the catch area of any lift drain •The funnel catches any loose parts •Flexible, if run over it will return to its original shape •Fluted design can be used for draining oil filters •#17902 fits on funnels from 13" to 18", Ford E 40D and others
(A) Part No. 17892, 22" x 23".
(B) Part No. 17902, 24" x 36".



55 GALLON DRUM DRAIN FUNNEL

•Designed to transfer liquids into a 55 gallon drum •Funnel drain sits on the top cover of 55 gallon drum •Funnel snout fits into the top bung hole for draining purposes •Four graduated circular indentations fit different oil filter sizes
Part No. 17912.

CATCH-ALL DRIP PAN

•Ideal for use on showroom floors, garages, carports, or under equipment •Made of durable polyethylene material to assure longevity and flexibility •Holds 8 quarts •24" x 36" x 1-1/2"
Part No. 19722.

4.5 GALLON OIL DRAIN PANS

•For easy transfer of liquids •High density polyethylene material is resistant to chemicals and solvents and is easy to clean •1" wide diameter spout for quick and easy pouring •Anti-splash lip and baffles help prevent spilling when carrying or pouring •Comes with large easy grip handles
(A) Part No. 17952, Green (antifreeze).
(B) Part No. 17942, Black (oil).

6 QUART DRAIN PAN

•Plastic drain pan with pour spout •Pan is 4" deep x 14" wide to the spout
Part No. 17932.

MULTI-DRAIN TUB

•30 quart •Heavy duty, all purpose plastic drain tub •For draining radiators, crankcases, transmissions, differentials, etc. on cars and trucks •Designed for easy pouring and disposal •Apron facilitates washing and sorting parts •33" x 22" x 8"
Part No. 17922.

TRUCK DRAIN ON WHEELS

•Use this heavy duty drain to drain large capacity crank cases. •Easily holds up to 60 quarts •Equipped with 4 rollers and a handle for easy transport and positioning under the truck •The sides curve inward to keep the oil from spilling during movement •Convenient handles and a pour spout facilitate spill free oil evacuation •Rolls under most all cab over axles so the oil can be changed without jacks or jack stands •Overall height 10", width 24-1/2", length 43".
Part No. 19122.

TRUCK & TRAILER WHEEL PAN

•Catches oil from wheel hubs after removing cap •Prevents oil mess during wheel repair •The pan fits rims with 13-3/4" ID and larger •Capacity 88 ounces
Part No. 19852.

WHEEL GUARDS

•Nylon front wheel guard and rear wheel guard separator plates help stop rust, corrosion and electrolysis
Part No. 19932, Rear - 1-1/8" and 7/8" dia. studs

RIM PROTECTOR

•Heavy duty plastic rim guards fit over lug nuts on cabover and semi trailer wheels •Prevents scratching and scoring usually caused by an impact wrench •Yellow plastic guard is flexible yet extremely durable
Part No. 19812.

Performance Tech™ Tools

FUEL & TRANSMISSION LINE DISCONNECT TOOL SET

•Colour coded, anodized aluminum fuel line disconnect tools sizes: 5/16" and 3/8" •Transmission cooler line disconnect tool •Ford and Mercury transmission cooler line disconnect tool •Ford, Chrysler and GM quick disconnect tool •Includes Ford fuel coupling tool
Part No. W89330.

MASTER DISCONNECT SET

•Includes disconnect tools for, air conditioning, fuel, heater, transmission, and power steering lines •O.E. tool identification number included •Tools colour coded for easy identification
Part No. W89331.

BRAKE CALIPER SERVICE SET

•For use on most import and domestic vehicles equipped with four wheel disc brakes
Part No. W89200.

AXLE NUT SOCKET SET

•Contains one each 29 mm, 30 mm, 32 mm, 34 mm, 35 mm, 36 mm, 38 mm •1/2" dr. 6-point extra long sockets •Heavy duty chrome moly construction
Part No. W89317.

SPINDLE NUT WRENCH SET

•For many 2 wheel and 4 wheel drive light truck applications •Includes 4 x 4 spindle removing socket •Includes Toyota locknut wrench Chrome Vanadium steel construction
Part No. W89319.

BUDD WHEEL SOCKET SET

•Contains: 33 mm, 35 mm, 38 mm, 41 mm and 1-1/2" sockets •1" drive 6 point sockets •Metric sockets fit front & rear axle wheels on Isuzu, Hino, Mitsubishi Fuso & import trucks with dual rear wheels •1-1/2" socket for domestic trucks with dual rear wheels •Heavy duty chrome moly construction
Part No. W89315.

WHEEL BEARING LOCKNUT SET

•Contains: 2-3/8", 2-1/2" and 55 mm locknuts, 2-1/2", 2-3/4", 2-9/16", 2-3/8" rounded locknuts •1/2" drive hex locknuts
Part No. W89314.

STEERING WHEEL REMOVER/LOCK PLATE COMPRESSOR SET

•For steering wheel removal of most automotive and light truck applications •Includes steering wheel puller and related bolts •Includes non-threaded puller legs for late model vehicles with non-threaded hubs •Includes steering wheel lock plate depressing tool •Includes pivot pin removing tool for servicing tilt steering wheels
Part No. W89704.

FRONT HUB PULLER & INSTALLER SET

•For use on most front wheel drive vehicles •Includes hub installer for some Ford applications
Part No. W89324.

Performance Tool®

SLIDE HAMMER PULLER SET
•Contains: slide hammer with multiple attachments: 2 / 3 jaw internal and external pullers, rear axle puller, locking plier adapter, puller hook, and dent puller
Part No. W89725.

TIE ROD/BALL JOINT SEPARATOR SET
•For separating most types of Pitman arms, Tie rods, and Ball joints found on automotive and light truck applications
•Complete coverage set, featuring five different sizes, including separators for late model Ford and GM pickups
Part No. W89310.

COIL SPRING COMPRESSOR
•For use on most automotive and light truck applications
•Chrome moly steel jaws
Part No. W89311.

Performance Tool®

PROFESSIONAL STRUT SPRING COMPRESSOR
•For use on most automotive and light truck applications •Includes locking pins for additional safety •Drop forged steel constructed
Part No. W89322.

TIMING GEAR PULLER
•Removes timing gears and other gears with tapped holes •Drop forged yoke is plated to resist corrosion •Heat treated centre screw
•Includes two 5/16" x 4" bolts
Part No. W89705.

PULLEY PULLER & INSTALLER SET
•For most alternator and power steering pulleys •Includes GM power steering line disconnect tool
Part No. W89708.

HARMONIC BALANCER PULLER & INSTALLER SET
•For removal and installation of harmonic balancers on most automotive and light truck applications •Master set: includes necessary bolts and adapters for most applications
Part No. W89711.

VALVE SPRING COMPRESSOR SET
•For servicing overhead valve engine with cylinder head removed •Includes small and large jaws for multiple applications
Part No. W89409.

PISTON RING COMPRESSOR SET
•Includes six sizes of brands for multiple applications:
2-7/8" thru 3-1/8"
3-1/8" thru 3-3/8"
3-3/8" thru 3-5/8"
3-5/8" thru 3-7/8"
3-7/8" thru 4-1/8"
4-1/8" thru 4-3/8"
Part No. W89410.

6 pc. ELECTRONIC FUEL INJECTION TEST LIGHT (NOID LIGHT) SET
•Quickly and easily tests electronic fuel injection systems on: GM TBI, Bosch PFI, Ford TBI, GM PFI, Geo TBI and GM SCPI equipped vehicles
Part No. W89500.

FRONT END SERVICE SET
•For removal of most types of pitman arms, tie rods, and ball joints found on automotive and light truck applications.
Part No. W89303.

PERFORMANCE TECH®
Tools for the Professional Technician

Brake Service Tools

BRAKE SPRING COMPRESSOR
•Zinc plated to resist corrosion
•Tough, easy grip handle •Removes and installs backing plate springs, cups and pins
Part No. W158C.

2 in 1 BRAKE SPRING WASHER TOOL
•Easlily removes and installs brake spring washers •Cutaway portion on tool allows better visual alignment of pin and washer
•For use on small and standard brake spring washers
Part No. W80622.

BRAKE SPRING INSTALLER
•Drop forged steel constuction •Zinc plated to resist corrosion •Installs and removes springs on Bendix brake shoes
Part No. W159C.

BRAKE SPRING PLIER/INSTALLER
•Heat treated alloy steel •Chrome plated •13" length for leverage
Part No. W175.

SEAL PULLER
•For removal of grease and oil seals •Two tip sizes accomodate many applications •Large easy grip handle with heavy duty chrome plated shaft
Part No. W1219.

BRAKE SPOONS
•Drop forged steel •Chrome plated to resist corrosion •Angled blades for confined areas
•Adjusts star-adjuster and screw-adjuster type brakes quickly and easily
Part No. W178C, 7".
Part No. W179C, 9".

UNIVERSAL OFFSET BRAKE SPOON
•Drop forged steel •Chrome plated to resist corrosion •Offset tip for confined areas
•Adjusts star-adjuster and screw-adjuster type brakes quickly and easily
Part No. W80630.

DISC BRAKE PISTON TOOL
•Fits 5 most popular piston patterns on many imports, Chrysler, Ford and GM vehicles with 4 wheel disc brakes •Removes and installs disc brakes •Turn with 3/8" dr. ratchet extension
Part No. W80621.

DISC BRAKE CALIPER WRENCHES
•Useful for removing and installing brake caliper mounting bolts on many vehicles
Part No. W3DC, 3 pc. Set - 1/4", 5/16", 3/8".
Part No. WGM38, 3/8" - Early model GM.
Part No. WGM56, 5/16" - Later model GM X-body.

3/8" dr. DISC BRAKE CALIPER RECESSED STAR SOCKETS
•Sockets incorporate a Star Bit inside a sleeve helping maintain correct tool alignment to reduce slippage and increase torque
Part No. W80607, T-50.
Part No. W80615, 3 pc. Ford Set (T-40, T-45, T-50).

HEX AND STAR BIT SIZE IDENTIFIERS
•Help eliminate confusion by offering a complete set of common size gauges.
Part No. W82011, Star - sizes: T10, T15, T20, T25, T27, T30, T40, T45, T47, T50, T55, T60.
External Star - sizes: E-6, E-7, E-8, E-10, E-12, E-14, E-16.

Part No. W82012, Hex - sizes: 7/32", 1/4", 5/16", 3/8", 7 mm, 8 mm, 10 mm.

3/8" DR. DISC BRAKE CALIPER HEX BITS
•Necessary for removing and installing brake caliper mounting bolts on many newer domestic and import vehicles
Part No. W1332, 1/4" - Ford.
Part No. W1333, 5/16" (8 mm) - Late model GM.
Part No. W1334, 3/8" - Early model GM.
Part No. W80610, 7 mm - Some AMC, Audi, Ford, Jeep, Lincoln and VW's.
Part No. W80611, 8 mm - GM.
Part No. W80612, 10 mm - Chevy, GMC trucks & vans.
Part No. W1336, 3 pc. SAE Set: 1/4", 5/16", 3/8".

3 pc. 3/8" dr. DISC BRAKE CALIPER STAR BITS
•Necessary for removing and installing brake caliper mounting bolts on many newer Ford and GM vehicles. Includes: T-40, T-45, T-50.
Part No. W1337.

3/8" dr. DISC BRAKE CALIPER HEX SOCKETS
•Heat treated alloy steel •Professional sand finish
Part No. W80609, 6 mm.
Part No. W1339, 4 pc. SAE Set: 1/4", 5/16", 3/8", 7/32".
Part No. W1341, 3 pc. Metric Set: 7 mm, 8 mm, 10 mm.

4 pc. 3/8" dr. LONG SHANK BRAKE CALIPER BIT SOCKET SETS
•Heat treated alloy steel •Professional sand finish •4" overall length
Part No. W86020, Star Bit Set: T-40, T-45, T-47, T-50.
Part No. W86021, SAE Hex Bit Set: 1/4", 3/8", 5/16", 7/32".
Part No. W86022, Metric Hex Bit Set: 6 mm, 7 mm, 8 mm, 10 mm.

2 in 1 BRAKE SPRING TOOL
•Easily removes and replaces brake return springs on anchor pins •Tough black oxide finish resists rust •Comfortable handle grip
Part No. W82001.

BRAKE CYLINDER HONES - Flexible shaft, Adjustable honing tension, Self centering

Part No. W80631, 3 Stone - 27/32" through 2" range.
Part No. W80632, 3 pc. replacement stone set.

Part No. W80633, 2 Stone - 11/16" through 2-1/2" range.
Part No. W80634, 2 pc. replacement stone set.

Part No. W193C, 3 Stone - 3/4" through 2-3/4" range.
Part No. W199C, 3 pc. replacement stone set.

Part No. W194C, 3 Stone - 7/8" through 1-1/4" range.

Part No. W196C, Economy 2 Stone - 11/16" through 2-1/2" range.
Part No. W198C, 3 pc. replacement stone set.

MINI TUBING CUTTER

•1/8" to 5/8" O.D. range •Small size for use in restricted areas
Part No. W700C.

TUBING CUTTER

•Hardened cutting wheel •Tapered burr remover •Cuts copper, brass, aluminum and mild steel tubing 1/8" to 1-1/8" O.D. •Wide dual rollers for square cuts.
Part No. W702C.

PROFESSIONAL TUBING CUTTER

•Chrome finish •Cuts most tubing including steel, brass, copper, aluminum, and thin wall conduit •Cuts to within 1/4" from end of tube •Pivoting reamer •Cutting range: 1/8" to 1-1/8"
Part No. W82003.

TUBING BENDERS

•Metal one piece construction •For copper and brass tubing and brake lines
Part No. W703, bends tubing up to 1/2" O.D.
Part No. W704C, bends tubing up to 5/16" O.D.

OFFSET BRAKE BLEEDER WRENCHES

•Chrome Vanadium steel construction •Fully polished chrome plated finish •Offset design for confined areas
Part No. W80616, 1/4" & 3/8".
Part No. W80617, 5/16" & 3/8".
Part No. W80619, 7 mm & 9 mm.
Part No. W80620, 8 mm & 10 mm.

ABS VALVE DEPRESSOR

•Disengages proportioning valve to provide equal brake line pressure to front and rear when pressure bleeding ABS system •For GM utility vehicles, vans and trucks with Kelsy Hayes ABS systems
Part No. W82010.

SINGLE FLARE TOOL

•Single flares copper, brass, aluminum and mild steel tubing sizes 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" O.D.
Part No. W701C.

BRAKE BLEEDER KIT

•Contains all necessary equipment to allow 1 person to easily expel air from brake lines
Part No. W80626.

BRAKE BLEEDER HOSE

•Removes air bubbles from brake lines •Services calipers, wheel cylinders and master cylinders •Fits most cars and light trucks
Part No. W170C.

DISC BRAKE PAD SPREADER

•Durable construction •Compresses inner pad and resets piston for easy pad replacement and reinstallation of caliper assembly
Part No. W209.

BEARING RACE & SEAL DRIVER

•Quickly and easily installs wheel bearing races and seals without destruction to race or axle housing •Set includes six discs to fit common bearing sizes: 1.565", 1.75", 1.965", 2.325", 2.47" and 2.555"
Part No. W83020.

Drive Train/Suspension Tools

FRONT WHEEL DRIVE AXLE NUT SOCKETS
•Extra deep 6 point sockets for removal or installation of axle nuts on front wheel drive vehicles •1/2" dr. •Heavy duty chrome-moly steel
Part No. W80548, 29 mm.
Part No. W80549, 35 mm.
Part No. W153, 30 mm.
Part No. W154, 36 mm.
Part No. W155, 32 mm.
Part No. W156, 34 mm.

CHROME PLATED FRONT WHEEL DRIVE AXLE NUT SOCKETS
•Extra deep 6 point sockets for removal or installation of axle nuts on front wheel drive vehicles •1/2" dr. •Heavy duty chrome Vanadium steel construction
Part No. W1296, 30 mm.
Part No. W1297, 32 mm.
Part No. W1298, 34 mm.
Part No. W1299, 36 mm.

1/2 TON 4WD WHEEL BEARING LOCKNUT TOOL
•Heavy duty chrome Vanadium steel construction •Removes and installs 4 slot front axle lock nuts •1/2" dr. •Not for use with impact wrenches
Part No. W1269.

3/4 - 1 TON 4WD WHEEL BEARING LOCKNUT TOOL
•Quickly and easily removes and installs 6 slot front axle lock nuts
•Turn with 1/2" square drive tool •Not for use with impact wrenches
Part No. W1270.

1/2 - 3/4 TON 4WD WHEEL BEARING LOCKNUT TOOL
•Heavy duty chrome Vanadium steel construction •Removes and installs 4 slot front axle lock nuts •1/2" dr. •Not for use with impact wrenches
Part No. W1271.

4 WHEEL DRIVE SPINDLE REMOVER
•Removes spindle from housing on most common 1/2 Ton and 3/4 Ton 4 wheel drive trucks •3 step design fits: 1-1/2", 1-5/8" and 2" spindles •Use with 1/2" - 20 or 5/8" -18 thread slide hammer
Part No. W83009.

1/2" Dr. 4 LUG SPINDLE NUT WRENCH
•Heavy duty carbon steel •Fits 1985 - current F250 and F350 rear axles with high shear axle nuts and Dana 80 rear axles •Center tube aligns wrench to nut •Not for use with power tools
Part No. W83008.

1/2" Dr. 4 LUG SPINDLE NUT WRENCH
•Quickly and easily removes and installs 4-slot front axle lock nuts •For use with 1/2" square drive tool •Heavy duty alloy steel construction
Part No. W83010.

1/2" Dr. 2 LUG SPINDLE NUT WRENCH
•Quickly and easily removes and installs 2-slot front axle lock nuts •For use with 1/2" square drive tool •Heavy duty alloy steel construction
Part No. W83007.

CV JOINT CLAMP BANDING TOOL
•For installing Band-It® and Band-It Jr.® and open end clamps on CV joint boots
Part No. W83011.

CV JOINT BOOT CLAMP PLIER
•Heavy duty construction •Easily tightens or removes notched type boot clamps from Constant Velocity joints
Part No. W80547.

CLUTCH ALIGNING TOOL
•Shaft and bushings to fit 8 pilot bearing sizes: .590", .612", .624", .668", .749", .786", .808", .904" •Plated aligning cone with graduated 1" and 1-1/8" dia. for automatic fit to most clutch plates •Tapered cone for all others
Part No. W1157P.

CLUTCH ALIGNING TOOL
•Shaft and bushings to fit 10 pilot bearing sizes: 12 mm, 12.6 mm, 14 mm, 15 mm, 15.8 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm •Plated aligning cone with graduated diameters for automatic fit to most clutch plates •Tapered cone for all others
Part No. W1158P.

TIE ROD SEPARATOR
•Drop forged steel •Removes tie rod from connecting links •Opening size 21/32" •For many foreign and domestic autos
Part No. W1204P.

BALL JOINT SEPARATOR
•Drop forged steel •Removes ball joint from connecting links •Opening size 15/16" •For many foreign and domestic autos
Part No. W1206P.

INNER TIE ROD TOOL
•Heavy duty alloy steel with black oxide finish •Removes and installs inner tie rods without removing rack •Dual socket end fits 2 popular sizes: 1-3/16" and 1-5/16".
Part No. W80558.

UNIVERSAL BEARING PACKER
•Quickly packs bearings with new grease while forcing out old grease •Accomodates many roller and ball bearings
Part No. W1218.

EMERGENCY LUG REMOVER SOCKET SET
•Can remove locking lug nut, if the locking lug nut key is misplaced, lost or worn •Can remove lug nuts when the lug nut head is stripped, worn or damaged •Heavy duty impact-grade steel will not split or crack •13/16" and 1" sizes fit most lug nuts/bolts on most vehicles •1/2" drive
Part No. M980.

5 pc. UNIVERSAL STRUT NUT REMOVER SET
•Removes recessed strut nuts on most MacPherson Struts •Allows for direct torque wrench readings as required •Set contains: 3/4" adaptor, 6.5 mm Hex & "Double D", 7.5 mm Hex & "Double D", T-50 Star & "Double D", 10 mm internal Hex & "Double D"
Part No. W83015.

CV JOINT BOOT CLAMP PLIERS
•Crimps and flattens ear type CV joint boot clamps including GM outboard CV boots
Part No. W83013.

UNIVERSAL SHOCK NUT TOOL SET
•Removes and install shock nuts on many vehicles •Includes shock nut socket and 2 stem tools to accomodate 3 sizes of stems
Part No. W80551.

HARMONIC BALANCER PULLER

•Forged alloy steel yoke •14 assorted bolts: 3 - 5/16" x 18 x 3", 2 - 3/8" x 16 x 3", 3 - 3/8" x 24 x 3", 3 - 8 mm x 1.25 x 80 mm, 3 - 10 mm x 1.5 x 75 mm

Part No. W151P.

TIE ROD END/PITMAN ARM PULLER

•Drop forged steel •Pulls tie rod ends and pitman arms from many cars and light trucks •Opening size: 1-1/16" •Pull travel: 1-3/4"

Part No. W80557.

PITMAN ARM PULLER

•Drop forged steel •Opening size: 1-5/16" •Pull travel: 2-1/2" •Fits most cars and light trucks

Part No. W142.

STRUT SPRING COMPRESSOR

•Safely and easily compresses coil springs not accessible from the center of the coil •Works with springs up to 6" outside dia. and wire dia. of a maximum of 5/8"

Part No. W80556.

MACPHERSON STRUT COIL SPRING COMPRESSOR

•Compresses springs for strut service or replacement •U-bolts securely attach tool to spring during operation for maximum safety

Part No. W80555.

COIL SPRING COMPRESSOR

•Tempered chrome moly steel jaws •Safely and easily compresses coil springs accessible from the center of the coil •12" rod with 8-1/4-14" jaw opening range •Can be used with straight or curved coil springs

Part No. W80554.

Engine Service Tools

UNIVERSAL OVERHEAD VALVE SPRING COMPRESSOR

•Conveniently removes valve springs on most cars and light trucks without removing cylinder head

Part No. W84001.

VALVE SPRING COMPRESSOR

•Compresses valve springs without removing head •Allows access for service to most valve train components •For GM 8 cylinder engines and others with stud type rocker arms

Part No. W84002.

FLEXIBLE AIR VALVE HOLDER

•Allows service of overhead valve components without removing head from engine block •Prevents valves from dropping into cylinder •14" flexible hose •Fits 14 and 18 mm spark plug holes

Part No. W84003.

2 pc. AIR HOLD FITTING SET

•Allows for service of overhead valve components without removing head from engine block •Prevents valves from dropping into cylinder •Contains 14 mm and 18 mm fitting

Part No. W84005.

UPPER REAR MAIN SEAL REMOVER/INSTALLER

•Removes and installs upper rear main seals without removing engine or crankshaft •Contains: corkscrew removal tool, T-handle and wire with clip for pulling new seal into place, 2 extra clips

Part No. W84019.

2 pc. HOSE PINCH PLIERS SET

•Clamps hose shut and locks in place allowing service on heater cores and other engine components without draining coolant and without damage to hose •High impact plastic is lightweight and non-conductive

Part No. W84017, 1/4" to 7/16".

Part No. W84018, 1/2" to 3/4".

TIMING GEAR PULLER

•Removes timing gears and other gears with tapped holes •Drop forged yoke is plated to resist corrosion •Heat treated center screw •Includes two 5/16" x 4" bolts

Part No. W87010.

POWER STEERING PUMP/ ALTERNATOR PULLEY PULLER

•Removes power steering and alternator pulleys on selected applications of Chrysler, Ford, GM, and Volkswagen with hub sizes: 1-1/8", 1-1/4", 1-5/16", 1-3/8"

Part No. W87020.

Drive Train/Suspension Tools

STEERING PIVOT PIN REMOVER
•Applications: 1969 and newer GM, Chrysler and Ford cars and trucks with tilt or telescoping Saginaw type steering columns
Part No. W80652.

FORD POWER STEERING PUMP PULLEY INSTALLER
•Installs pulleys without damage to pump by exerting force only through the shaft •For use on most Ford power steering pump pulleys
Part No. W87021.

GM POWER STEERING PUMP PULLEY REMOVER/INSTALLER
•Exerts force only through the shaft to prevent damage to pump and pulley
Part No. W87022.

SERPENTINE BELT TOOL
•Releases belt tension on many applications with spring loaded, self-adjusting idler pulleys •Fits idler pulleys requiring 15 mm, 16 mm, 18 mm hex or 3/8" or 1/2" square drive •Also includes 13 mm, 14 mm, 15 mm crowfoot wrenches
Part No. W84010.

BELT HOOK TOOL
•Long reach tool aids in removal and installational of serpentine belts, V-belts and timing belts •29" overall length
Part No. W84012.

3 STONE PISTON CYLINDER HONE
•Flexible shaft •Adjustable honing tension •2" to 7" diameter range, 2" thru 4" and 4" thru 7" settings •3 - 220 grit 3" stones
Part No. W80560.
Part No. W80561, replacement stone set.

PISTON RING COMPRESSOR
•3-1/2" compression band width •Adjustable friction brake with easy action thumb release switch •Bottom edge dimpled to prevent tool from slipping into cylinder
Part No. W80572, 2-1/8" to 5" dia. range.
Part No. W80573, 3-1/2" to 7" dia. range.

WRINKLE BAND PISTON RING COMPRESSOR
•Low friction wrinkle band fits 3" to 5" dia. pistons •Adjusts only once for all pistons
Part No. W80574.

Engine Service Tools

GM 1-3/16" DEEP OIL SENDER UNIT SOCKET
•Heat treated alloy steel construction •Fits 1-3/16" size units on 1987 - current GM with 2.0, 2.5, 2.8 and 3.0 liter engines •Use with 3/8" dr. ratchet or 3/4" wrench
Part No. W80591.

1-1/16" DEEP OIL SWITCH SOCKET
•Heat treated alloy steel •Fits 1-1/16" size units •Turn with 3/8" dr. ratchet or 1-1/8" wrench
Part No. W80590.

3/8" dr. OIL SENDER SOCKET
•Heat treated chrome Vanadium steel •Chrome plated for corrosion resistance •Fits 1" and 1-1/16" sender units as well as some stop light switches •Turn with 3/8" dr. ratchet or 3/4" wrench
Part No. W1130.

TAILPIPE EXPANDER
•Heavy duty construction •Rounds out pipe ends and removes clamp grooves
Part No. W80661, medium 1-1/2" - 2-7/16".
Part No. W80662, large 2-1/8" - 3-7/16".

GM WATER PUMP SOCKET
•1/2" drive size •Specially designed for use on 1993-current Northstar 4.6 litre, 1997-current Aurora 4.0 litre
Part No. W89399.

PISTON RING INSTALLER
•Installs and removes piston rings 3/64" thru 1/4" •Comfortable vinyl grip handles
Part No. W80575.

PISTON RING GROOVE CLEANER
•Cleans carbon and deposits from ring grooves •Includes two wheels with 5 cutters for a total of 10 groove cleaning sizes: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 1.5 mm, 1.75 mm, 2 mm
Part No. W80576.

HYDRAULIC VALVE LIFTER REMOVER
•Collet expands to tightly grasp hydraulic valve lifter allowing for easy removal •Specially designed slide hammer easily frees tight or stuck lifters •Knurled handle for secure grip •High quality steel construction
Part No. W84004.

16 pc. ROCKER ARM OIL PLUG SET
•Contains 16 clip-on oil plugs •Use to block oil holes in ball-pivoted rocker arms on late model GM and Ford with hollow, oil fed push rods
Part No. W80565.

VALVE LAPPER
•Heavy duty rubber suction cups •Hardwood handles •Use with lapping compound
Part No. W80570, small 5/8" and 13/16".
Part No. W80571, large 1-1/8" and 1-3/8".

0 - 300 P.S.I. COMPRESSION TESTER
•Tapered rubber tip fits all common spark plug holes •Large, easy to read gauge •Reads SAE (0-300psi) and Metric (1-21 kg/cm2)
Part No. W80580.

REMOTE STARTER SWITCH
•5 foot leads •Easy action thumb switch •Strong spring clips grip electrical contacts securely
Part No. W80581.

Performance Tool®

AUTOMOTIVE STETHOSCOPE

•Super sensitive •Quickly locates source of noise in automotive assemblies including engine, transmission, rear axle, transfer case, etc. •11" probe tip extends into confined areas
Part No. W80582.

FORD FAN CLUTCH WRENCH SET

•Necessary for access to fan clutch nut on many Ford engines from 1984 to present •Smaller tool holds clutch stationary while larger wrench turns nut •Each tool includes 1/2" sq. dr. hole for use with breaker bar for more torque
Part No. W80585.

HEAVY DUTY SWIVEL OIL FILTER WRENCH

•Chrome plated, vinyl grip handle •90° swivel feature for confined areas •Wide, studded band for better grip
Part No. W177C, small 2-7/8" to 3-1/4".
Part No. W187C, large 3-1/2" to 3-7/8"

HEAVY DUTY OIL FILTER WRENCH

•Automatic clamping action •Extra long vinyl grip handle for added torque •Wide, studded band for better grip
Part No. W181C, small 2-7/8" to 3-1/8".
Part No. W182C, large 3-5/8" to 3-15/16".

ADJUSTABLE CLAMP OIL FILTER WRENCH

•Clamping action allows wrench to fit virtually any filter with an extremely positive grip •Chrome plated •Turn with 3/8" dr. tool
Part No. W171C, small 2-3/4" to 3".

ADJUSTABLE OIL FILTER WRENCH

•Automatic clamping action •Heat treated handle with ribbed design for strength •3 adjustment settings
Part No. W186C, 2-1/2" to 3-7/8".

JAW GRIP OIL FILTER WRENCH

•Serrated jaws for maximum grip •Fully adjustable •Fits most filters
Part No. W157, 2-3/4" to 4-1/4".

OIL FILTER WRENCH

•Automatic clamping action •Studded band for better grip •Ribbed handle design for added strength
Part No. W183C, 3" to 3-3/4".

ADJUSTABLE SERRATED BAND OIL FILTER WRENCH

•Vinyl grip handle •Serrated band for better grip
Part No. W189C, 2-3/4" to 3-3/4".

HEAVY DUTY STRAP OIL FILTER WRENCH

•Fits filters up to 6" in dia. •No slip strap grips filters tightly •Turn with 1/2" dr. ratchet
Part No. W173C, 1-1/2" to 6-5/8".

UNIVERSAL 3 JAW OIL FILTER WRENCH

•Heat treated carbon steel with black oxide finish •Fits virtually all popular auto and light trucks •Turn with 3/8" drive ratchet
Part No. W270, 2-1/2" to 3-7/8".

OIL FILTER WRENCHES

•Comfort grip handles •Safety button locks in place •Three different positions
Part No. W54310, 2-1/4" to 3-1/2".
Part No. W54311, 3-1/4" to 4-1/2".

HEAVY DUTY PLASTIC CAP FILTER WRENCH

•3/8" dr. oil filter wrenches •Heavy duty construction
Part No. W251, Wrench #1, 74/76 mm, 15 flutes 2 steps.
Part No. W252, Wrench #2, 76 mm, 14 flutes.
Part No. W2 53, Wrench #3, 93 mm, 15 flutes.
Part No. W254, Wrench #4, 73 mm, 14 flutes.
Part No. W255, Wrench #5, 65/67 mm, 14 flutes 2 steps.
Part No. W256, Wrench #6, 68 mm, 14 flutes.
Part No. W257, Wrench #7, 80 mm, 15 flutes.
Part No. W259, Wrench #9, 90 mm, 15 flutes.
Part No. W260, Wrench #10, 82 mm, 15 flutes.
Part No. W261, Wrench #11, 93 mm, 36 flutes.

Performance Tool®

CODE RETRIEVER
•Tool allows for quick, easy retrieval of computer (ECM) trouble codes on most Ford and GM vehicles
Part No. W80520.

ELECTRONIC FUEL INJECTION TEST (NOID) LIGHTS
•Quickly and easily checks EFI system signals
Part No. W85101, GM T.B.I.
Part No. W85102, Bosch P.F.I.
Part No. W85103, Ford T.B.I.
Part No. W85104, GM P.F.I.
Part No. W85105, Geo T.B.I.
Part No. W85106, GM S.C.P.I.

FLEXIBLE SPARK PLUG REMOVER/INSTALLER
•Flexible shaft for removing and installing hard to reach plugs •Soft tip holds plug terminal and porcelain securely •Helps eliminate cross-threading
Part No. W85000.

OFFSET OXYGEN SENSOR WRENCH
•Removes and installs exhaust manifold located oxygen sensors on ECM equipped vehicles •3/8" dr. 7/8" 6-point socket with cutaway portion for wire clearance
Part No. W84008.

THICKNESS GAUGES
32 blades •Decimal and Metric sizes •.10" brass blade for transistorized ignitions. .0015" - .035", .04 mm - .88 mm.
Part No. W125C.

15 blades •Decimal and Metric sizes •3" steel rule. .002" - .025", .05 mm - .63 mm.
Part No. W131C.

15 BLADE TUNE-UP GAUGE
•9 thickness blades •6 spark plug blades •Decimal and Metric sizes •2" steel rule •Electrode adjuster
Part No. W129C.

TAPPET GAUGE
•12 offset tip blades •Decimal and Metric sizes. .008" - .026", .203 mm - .660 mm
Part No. W130C.

SPARK PLUG GAUGE
•8 spark plug blades •Decimal and Metric sizes •Electrode adjuster. •.0015" - .040" .40 mm - 1.00 mm
Part No. W127C.

ROUND SPARK PLUG GAUGES
•Electrode adjuster •Decimal and Metric wire test loops
Part No. W162C, 7 sizes: 0.020 to 0.40".
Part No. W163C, 8 sizes: 0.025 to 0.080" (H.E.I.)

IGNITION POINT FILE
•High grade steel construction •Precise double cut file pattern •Quickly cleans ignition points •Doubles as a light-duty general purpose file
Part No. W123C.

CARBURETOR ADJUSTING TOOL
•11-1/2" flexible shaft •4 tips: 4.5 mm, 1/4" hex sockets, Double-D socket and 3/32" hex bit
Part No. W1187.

DISTRIBUTOR POINT & CARBURETOR ADJUSTING TOOL
•Insulated handle •Flexible shaft for confined areas •Adjusts distributors with trap doors •2 carburetor adaptors
Part No. W1188C.

OFFSET DISTRIBUTOR CLAMP WRENCH
•Drop forged steel construction •Chrome plated finish •Contains two offset box wrenches sizes 1/2" and 9/16" •Use tool by itself or turn with 3/8" drive ratchet
Part No. W1189C.

DISTRIBUTOR CLAMP WRENCH
•13 mm and 15 mm distributor clamp wrench •Use tool by itself or turn with 3/8" drive ratchet •Chrome plated to resist corrosion and drop forged steel construction
Part No. W1186.

IGNITION MODULE TOOL W/T-20 STAR DRIVER
•For removal of 7/32" hex or T-20 Star retaining bolt on Ford ignition modules •Heat treated carbon steel shank •Knurled aluminum knob
Part No. W1216.

FORD IGNITION MODULE TOOL
•Heat treated carbon steel shank •Removes 7/32" hex retaining bolt on Ford ignition modules •Turn by hand or with 1/2" wrench
Part No. W1217.

Performance Tool®

SPARK PLUG WIRE TESTER
•Identifies damage spark plug wires easily by moving tool along wire from distributor towards spark plug •Tester light flashes in sync with spark plug firing when light stops flashing, break in wire has been located
Part No. W80530.

SPARK PLUG WIRE PULLER
•Heavy duty plastic construction •Insulates hands from electric shock •Grips boot to prevent wire damage
Part No. W80531.

INSULATED SPARK PLUG BOOT PULLER
•Angled nose for easier access to boots •Nylon insulating tips •Comfortable vinyl grip handles
Part No. W80532.

T-HANDLE SPARK PLUG WRENCH
•3 way swivel for confined areas •Neoprene insert grips plugs
Part No. W1125C, 13/16".
Part No. W1129C, 5/8".

3/8" dr. 5/8" EXTENDED SPARK PLUG SOCKET
•Heat treated alloy steel construction •Black oxide finish •Extended socket length reaches confined areas •Knurled design offers better grip when hand turning •Rubber insert grips plug
Part No. W80533.

SPARK PLUG WRENCHES
•Fits both 5/8" and 13/16" spark plugs •Includes handle for leverage
Part No. W165, 3-1/2".
Part No. W166, 5".

SPARK PLUG HOLE THREAD CHASERS
•Quickly and easily cleans dirt, carbon and metal particles from spark plug hole
Part No. W80537, 14 mm turn with 5/8" deep socket.

Part No. W80539, 14 & 18 mm turn with 13/16" deep socket.

3/8" dr. OXYGEN SENSOR SOCKET
•Alloy steel construction •Removes and installs oxygen sensors on computerized engine control vehicles •Cutaway slot for sensor wire clearance
Part No. W1267.

POCKET MULTI-TESTER
•Analyzing functions for Volts AC, Volts DC, amperes and ohms •Operates on 1 AA battery (included)
Part No. W2979C.

DIGITAL MULTI-TESTER
•For use on household appliances, automotive (computer controlled & standard ignitions), and a variety of hobbies •Features AC & DC volt measurement, DC current measurement, resistance measurement, diode test, and Ohms •Complete with 2 test leads and 9 volt battery
Part No. W2974.

BATTERY/ALTERNATOR VOLTAGE CHECKER
•For all 12 volt systems •Easy to read L.E.D. lights •Shows battery state-of-charge and level of alternator output
Part No. W2980.

12 VOLT TESTER
•Tests 12 volt accessory circuits •Test lead with alligator clip
Part No. W2975C.

REPLACEMENT FUSES
•6 glass fuses - 5, 9, 10, 14, 15 and 20 amp •Carded
Part No. W2961C.

12 VOLT HEAVY DUTY CIRCUIT TESTER
•Heavy duty 5 foot test lead with spring clip •Tests 6, 12 and 24 volt AC and DC circuits •Reinforcing spring prevents damage to test lead at base of handle
Part No. W2981.

CONTINUITY TESTER
•Alligator clip test lead •Self powered by AA battery (not included)
Part No. W2982.

Performance Tool®

Ignition & Electrical Tools

WIRE CRIMPER/STRIPPER
•Includes wire cutter, bolt cutter, crimper and wire stripper •Black anodized finish with insulated hand grips •Includes assortment of wire terminals
Part No. W190C.

7-WAY CRIMPING TOOL
•Wire cutter, terminal crimper and wire stripper •Crimp slot on end of tool secures most ignition terminals including "W" type, right angle and High Tower terminals •Works with 10 to 22 gauge solderless terminals
Part No. W86500.

40 pc. HOME & AUTO ELECTRICAL TEST KIT
•Includes crimping tool, 6" long nose plier, Phillips screwdriver, slotted screwdriver, insulating tape, (60) 500 V.A.C. neon tester, (6) 12 V.D.C. tester, (31) assorted terminals, 5 ft. 16 ga. primary wire •Storage case
Part No. W217.

500 pc. WIRE TERMINAL ASSORTMENT
•Huge assortment of most popular solderless terminals •Contains ring and spade terminals, male and female push-on connectors and bullet, hook and butt terminals •Storage case
Part No. W211.

SOLDERING GUN KIT
•Pistol grip style soldering gun •120 volts, 85 watts •Includes extra tip and solder
Part No. W2019A.

PENCIL STYLE SOLDERING IRON
•110/120 volts, 30 watts •Nickel plated tip for longer life and more efficient soldering •Includes tool rest
Part No. W2013.

AUTO VOLTAGE TESTER
•Tests 6 and 12 volt systems •Piercing tip for wire checks •18" test lead with alligator clip
Part No. W2973C.

2 pc. TEST LEADS
•Colour coded 30" leads complete with alligator clips
Part No. W3005.

General Specialty Tools

4 pc. METRIC 12 POINT BIT SET (TRIPLE SQUARE)
•Heat treated alloy steel •1/2" hex shaft - turn with 1/2" socket or wrench •Sizes: 6 mm, 8 mm, 10 mm, 12 mm •For use on some head bolts, brake calipers, and other applications
Part No. W1395.

HEAVY DUTY NUT SPLITTER
•Removes rusted, stripped and stubborn nuts •Self centering wobble tip •Offset design for easier operation •Splits nuts 7/16" - 3/4"
Part No. W88030.

5 pc. SCREW EXTRACTOR SET
•Removes damaged screws sizes •Includes storage case
Part No. W2966, 5/32" thru 3/4".
Part No. W2965, 3/32" thru 5/8".

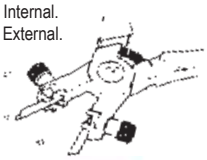
3/8" dr. IMPACT DRIVER
•Loosen rusted bolts, screws etc. •Reversible action •Includes 4 bits: #2, #3 Phillips, and 5/16" and 3/8" slotted •Blow molded case
Part No. W2500P.

BOLT EXTRACTORS
•Heat treated high strength tool steel •Removes bolts without wedging or binding •Works on right and left threaded bolts
Part No. W80637, 5/16".
Part No. W80638, 3/8".
Part No. W80639, 7/16".
Part No. W80640, 1/2".
Part No. W80635, 5 pc. set.

2 pc. SPECIALTY PICK SET
•Hardened tips •Knurled center grips •Easily removes and installs O-rings and seals •Contains 90° double end scribe and O-ring and seal pick
Part No. W80750.

LOCK RING PLIERS
•Removes lock rings on brakes, clutch shafts, transmissions, master cylinders, etc. •Spring loaded jaws •Vinyl grip handles
Part No. W88001.

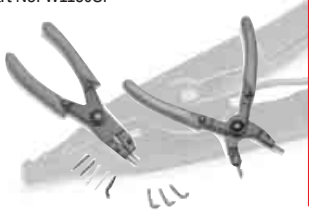
ADJUSTABLE SNAP RING PLIERS
•Tip angle adjustable for 0°, 45° or 90° operation •3 pairs of tips - 1 mm, 1.5 mm, 2 mm •Tips are threaded and secured in place with nuts for positive retention •Tips are tapered for better hold
Part No. W88010, Internal.
Part No. W88011, External.



INTERNAL/EXTERNAL SNAP RING PLIERS
•Push-button lever arm converts plier for internal or external snap rings •Includes 4 sets of tips in case: 2 straight, 1 45° and 1 90°
Part No. W1151.

5 pc. INTERNAL/EXTERNAL SNAP RING PLIER SET
•Plier handle and 4 tips: 2 straight, 1 45° and 1 90° •Spring retainer attaches tip assembly to either side of plier handle for internal or external application
Part No. W1159.

2 pc. ECONOMY SNAP RING PLIER SET
•Contains one internal and one external plier •Includes straight, 90° and 45° tips
Part No. W1150S.



TELESCOPING POCKET MAGNETIC RETRIEVER
•Telescoping retriever extends to 25" length •Heavy duty 3½ lb. capacity magnet •Handy pocket clip
Part No. W1254.
Part No. W1908, 25 pc. counter display.

LIGHTED 4 in 1 MAGNETIC RETRIEVER
•Telescoping tool extends to 24" •Lighted magnetic retriever •Compact magnetic retriever •1¼" dia. swivel inspection mirror •Metal scribe •Batteries included
Part No. W80705.

FLEXIBLE FLASHLIGHT
•Narrow, flexible shaft illuminates confined areas •Operates on 2 AA batteries (not included)
Part No. W80700.

SWIVEL INSPECTION MIRROR
•2" round mirror with multi-direction swivel for visual access to confined areas •Chrome plated corrosion resistant shaft extends from 11-1/2" to 18" •Vinyl grip
Part No. W1262C.

RETRIEVER CLAWS
•Powerful claw easily retrieves small parts from confined areas •Flexible shaft • 24" length
Part No. W1184C.

2 pc. RETRIEVER SET
•Contains 24" magnetic retriever and 24" claw retriever •Flexible shafts
Part No. W1182-2.

HEAVY DUTY TELESCOPING MAGNETIC RETRIEVER
•Telescoping handle extends magnet from 14" to 24" •Ball joint allows head to swivel 90°
Part No. W1200C.

TELESCOPING MAGNETIC RETRIEVER
•Extends to 19-1/2" •Heavy duty swivel magnet •Convenient pocket clip
Part No. W1260C.

POCKET MAGNETIC RETRIEVER
•Extends from 4-3/4" to 18-1/2" •Convenient pocket clip
Part No. W1261.

FORD HEADLIGHT ADJUSTER
•4 mm hex socket •For aerodynamic style headlight adjuster bolts on late model Ford, Lincoln and Mercury vehicles
Part No. W80665.

DOOR UPHOLSTERY TOOL
•Heavy duty chrome plated shaft •Large, easy grip handle •Removes panels without marring upholstery
Part No. W80645.

DOOR HANDLE & WINDOW CRANK CLIP TOOL
•Removes and installs door handle and window crank retainer clips on many popular vehicles
Part No. W80646.

WINDSHIELD MOLDING & DOOR HANDLE CLIP TOOL
•Heavy duty construction with vinyl grips •Offset handle
Part No. W80647.

PENCIL STYLE PRESSURE GAUGE
•Calibrated for 10 to 50 PSI •Impact resistant head and tough, chrome plated body •Easy to read metal scale •Handy pocket clip
Part No. W191C.

ANTENNA WRENCH
•Removes antennas on most domestic and import vehicles •Wrench removes bezel nut on antenna assembly, also loosens antenna mast •Alternative to antenna nut sockets
Part No. W80231.

LED POCKET FLASHLIGHT
•Super bright 9 bulb LED flashlight •Knurled barrel for extra grip •Rubber on/off push button •3 AAA batteries (included)
Part No. W2389.

RADIO REMOVER TOOL
•Disengages retaining clips on Ford and most imports for easy, damage-free removal
Part No. W80230.

Performance Tool®

Disconnect Tools

FORD FUEL & A/C LINE SPRING LOCK COUPLING TOOL
•Easily separates spring lock couplings on fuel lines and air conditioning systems •Sizes marked on tool: A=3/4", B=5/8", C=1/2", D=3/8"
Part No. W83113.

FUEL LINE QUICK DISCONNECT TOOL
•Easily separates quick disconnect style fittings on 5/16" and 3/8" fuel lines
Part No. W83114.

PRO STYLE QUICK DISCONNECT TOOLS
•Compact colour coded anodized aluminum tools easily separate fittings on fuel lines, fuel filters, fuel tank return lines and transmission cooler lines
Part No. W83130, fits 5/16" fuel lines.
Part No. W83131, fits 3/8" fuel lines and oil cooler lines.
Part No. W83132, fits 1/4" fuel pump return lines.
Part No. W83133, fits oil cooler lines on AXOD and ATX transmissions.
(Please consult your Gregg representative for specific application requirements.)

FORD FUEL LINE COUPLING TOOL
•Separates fuel line from fuel pressure regulator on applications with quick disconnect style couplings •Fits 1990 - current Ford Rangers & Explorers w/4.0L 6 cyl. engines
Part No. W80542.

FORD & GM QUICK DISCONNECT TOOL
•Easily separates quick disconnect style fittings on the following: Ford: EFI fuel lines with hair pin connectors, Transmission cooler lines on the following: 1987 to current - Buick Riviera & Reatta, Cadillac Concours, Eldorado & Seville, and Olds Toronado, 1989 to current - GM 1/2 ton, 3/4 ton and 1 ton pick ups
Part No. W83102.

FORD/MERCURY OIL COOLER LINE DISCONNECT TOOL
•Disconnects transmission to radiator cooler line quick connect fittings •Fits 1986 - current & Ford Taurus and Mercury Sable with AOD, ATX or AXOD transmissions
Part No. W83111.

GM HEATER LINE DISCONNECT TOOLS
•Disconnects heater line from engine block/thermostat housing •Fits 1991 - current GM 3.1 L, 3.4 L and 3.8 L (3800) engines
Part No. W83109.

HEATER HOSE DISCONNECT TOOL - Chrysler & Ford
•Disconnects 5/8" and 3/4" heater hose quick connect fittings from heater core without damaging coupling retainer or hose
Part No. W83108.

FUEL LINE DISCONNECT TOOL - Chrysler
•Releases and installs fuel lines •Separates quick-disconnect fittings on fuel filters and fuel lines
Part No. W83122.

A/C & FUEL LINE QUICK DISCONNECT TOOL SET
•Multiple sizes for an assortment of applications: 5/16", 3/8", 1/2", 5/8", 3/4", 7/8" •Colour coded, compact size for quick selection and easy storage
Part No. W83148.

HYDRAULIC CLUTCH LINE DISCONNECT TOOL
Part No. W83150, Ford.
Part No. W83151, GM.

Pullers

3 JAW REVERSIBLE GEAR PULLERS
•Heat treated alloy steel •Drop forged for strength •Chrome plated
Part No. W134DB, 4 pc. Set: 3", 4", 5", 6".
Part No. W135P, 3".
Part No. W136P, 4".
Part No. W137P, 6".
Part No. W138P, 8".

2 / 3 JAW GEAR PULLERS
•Heavy duty chrome Vanadium steel construction •Heat treated jaws •Fine thread center bolt for smooth operation
Part No. W87123, 3-1/4" reach - 4-3/4" spread.
Part No. W87126, 3-1/4" reach - 7" spread.
Part No. W87127, 5-1/2" reach - 7" spread.

2 JAW GEAR PULLERS
Heavy duty chrome Vanadium steel construction •Heat treated jaws •Fine thread center bolt for smooth operation
Part No. W87122, 3-1/4" reach - 4" spread.
Part No. W87124, 3-1/4" reach - 6" spread.
Part No. W87125, 5-1/2" reach - 6" spread.

STEERING WHEEL PULLER
•Heavy duty drop forged steel •Fits vehicles with 4" hubs •Complete with SAE and Metric threaded bolts
Part No. W150.

STEERING WHEEL LOCK PLATE TOOL
•Fits many domestic steering wheels including tilt and telescoping models •SAE and Metric adaptors included •For easy removal of lock ring
Part No. W80650.

STEERING WHEEL LOCK PLATE TOOL - REMOVER & INSTALLER
•2 puller yokes for more vehicle applications •Compatible with many domestic steering wheels including tilt and telescopic models •SAE and Metric adaptors included •For easy removal/installation of lock ring •Heavy duty construction
Part No. W80649.

STEERING WHEEL PULLER SET
•SAE and Metric threaded bolts for vehicles with 4" hubs •Puller legs for applications listed on back •All heavy duty components
Part No. W80651.

Pullers

2 JAW GEAR PULLERS

•Heat treated alloy steel construction •Plated for corrosion resistance •Beveled jaws
Part No. W139, 8".
Part No. W140, 3-1/2".
Part No. W141, 6".

PULLEY PULLER

•Heavy duty construction •Adjustable jaw tension •Pulls pressed-on 1 and 2 groove pulleys on alternators and power steering pumps •Also removes some alternator bearings
Part No. W80653.

Creepers & Carts

LOW BOY CREEPER

•4 caster creeper •36" x 17" x 3-1/2" creeper size •Powder coated, heavy duty, tubular steel frame •Shielded 2-1/2" swivel casters allow easy 360° movement •Fully padded deck with cushion headrest
Part No. W85004.

Part No. W85003, 2½" replacement caster assembly.

CREEPER with ADJUSTABLE HEADREST

•6 caster creeper •40" x 17" x 4" creeper size •Lever action headrest adjusts to 3 positions •Powder coated, heavy duty, tubular steel frame •Shielded 2-1/2" swivel casters allow easy 360° movement •Fully padded deck with cushion headrest
Part No. W85005.

Part No. W85003, 2½" replacement caster assembly.

C FRAME CREEPER SEAT

•Heavy duty, tubular steel frame •Convenient 11-1/2" x 12-1/2" tool tray •Shielded 2-1/2" swivel casters allow easy 360° movement •Fully padded seat cushion
Part No. W85007.

Part No. W85003, 2½" replacement caster assembly.

ROLL-AROUND STOOL with Pneumatic Seat

•Pneumatic action adjusts seat to 20" height quickly & easily •Convenient 15" dia. tool tray •Shielded 2-½" casters •Fully padded 12" dia. seat
Part No. W85008.

Part No. W85003, 2½" replacement caster assembly.

MECHANICS' UTILITY CART with LOCKING DRAWER

•16 gauge steel construction •2 swivel casters •Easy manoeuvering •Shelf dimensions: 28" x 16" x 3½" deep •Drawer dimensions: 27" x 15" x 3¾" deep
Part No. W54004.

Miscellaneous Items

DRILL PUMP

•Easily attaches to most electric drills (minimum 1,200 R.P.M.) •Pumps up to 8 feet •Standard garden hose threads
Part No. W1143.

12 VOLT D.C. FLUORESCENT WORK LIGHT

•Clips to battery terminals or plugs into cigarette lighter receptacle •Includes 2 piece plastic stand and hang hook •Great for roadside emergencies
Part No. W2395DB.

NYLON LICENSE FASTENERS

•All weather fasteners will not corrode or rattle loose •Set of 4 screws and hex nuts
Part No. W26C.

DELUXE LICENSE FASTENERS

•All weather fasteners will not corrode or rattle loose •4 metal screws and square nuts which fit newer vehicle frames
Part No. W26AC.

Performance Tool®

Miscellaneous Items

C-CLAMPS
•Heavy duty maleable iron construction •Tough grey enamel finish •Indispensible around the home and shop
Part No. W206C, 3".
Part No. W207C, 4".
Part No. W213C, 5".
Part No. W214C, 6".
Part No. W215C, 8".

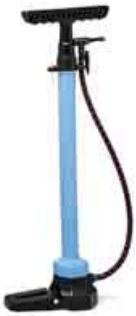
QUIK RELEASE C-CLAMPS
•Tough enamel finish •Chrome plated screw threads •Precision crafted for smooth operation •Features quik-release button to save time and twisting •Malleable iron construction
Part No. W284, 4" (2-1/4" depth) .
Part No. W286, 6" (2-7/8" depth) .

FENDER COVER
•Vinyl construction with foam backing
•Convenient built-in tool pockets •Fully sewn ribbed edge
Part No. W80583.

MANUAL CHOKE CONVERSION KIT
•Gives quicker starts in cold weather •Prevents sticking •Easy installation on most cars
Part No. W511C.

FOOT PUMP
•100 P.S.I. capacity •Steel construction
•Easy to read pressure gauge with adjustable marker •Needle valve and adaptor for sports balls and inflatables
Part No. W1638DB.

STANDARD TIRE PUMP
•60 P.S.I. capacity •1-1/4" x 15" barrel •Braided hose with quick release thumb lock chuck
Part No. W1635.



7 QT. DRAIN PAN
Part No. W4070.

MAGNETIC KEY HOLDERS
•Metal box with slide cover •Strong magnet sticks to most metal surfaces •Large
Part No. W1804C.

SQUEEGEE with WASH BRUSH
•Tough E.P.D.M. rubber blade •Red painted wood handle •Zinc plated to resist rust
Part No. W1464, 8" blade, 12" handle.
Part No. W1466, 8" blade, 20" handle.
Part No. W1468, 8" blade, 24" handle.
Part No. W1470, 10" blade, 12" handle.
Part No. W1472, 10" blade, 20" handle.

DELUXE SIPHON PUMP
•All purpose •Gas & oil resistant
Part No. W1144.

RATCHET CAULKING GUN
•Ratcheting action for easy material application
•Built-in caulk tube nozzle tip cutter •Pin for piercing tube seal and for clearing nozzles
Part No. W54250.

3 pc PAINT BRUSH SET
•Durable plastic handles •For use with all paints •3 sizes: 1/2, 1, 2 in.
Part No. W232C.

MULTI-USE TRANSFER PUMP
•Quickly and easily transfers any fluid •Can be used as an air pump (inflation needle not included) •Will not rust or corrode
Part No. W1145.

STAINLESS STEEL ROLL-AROUND MAGNETIC TRAY
•Stainless steel tray, with built-in magnets, keeps small parts and tools from being lost •Oil resistant, scratch proof wheels
Part No. W1257.

MAGNETIC TRAYS
•Sticks to almost any metal surface •Keeps small metal parts and tools from getting lost •Even works sideways or upside down
Part No. W1263, 3 magnet rectangular tray.
Part No. W1264, 1 magnet round tray.
Part No. W1265, 2 magnet rectangular tray.
Part No. W1268, 4 magnet square tray.

Performance Tool®

5 SPEED BENCH TOP DRILL PRESS

•1/3 HP motor •Drills metal, plastic and wood •1/2" spring loaded chuck with protective guard and 2-1/2" vise •Fully adjustable machined table tilts 45° left or right •Cast iron construction
Part No. W50005.

6" BENCH GRINDER WITH LIGHT

•1/2 HP motor •3400 RPM (no load) •1/2" arbor •36 and 60 grit wheels
Part No. W50001.

50 Ft. AIR HOSE & REEL with Auto Rewind

•50 f oot 300 PSI 3/8" air hose •Positive latching mechanism locks hose at desired length •Easy mount 180° swivel action works on wall or ceiling
Part No. M630.

PORTABLE AIR TANKS

•125 PSI maximum •Light weight, portable with handle •Safety pressure bypass valve with manual override •On/Off air adjustment dial •Industrial grade air hose with standard tire air chuck
Part No. W10005, 5 gallon.
Part No. W10011, 11 gallon.

50 ft. AIR HOSE ON REEL

•50 ft. 300 PSI 3/8" air hose •All brass 1/4" NPT 360° swivel valve •Mounts to ceiling, wall or floor •Steel frame with baked enamel finish •Reel can hold up to 100 ft. of 3/8" hose
Part No. M610.

25 ft. AIR HOSE ON REEL

•25 ft. 300 PSI 3/8" air hose •Mounts to ceiling, wall or floor •Spring powered auto rewind •Heavy gauge steel
Part No. M608.

AIR TANK GAUGE

Part No. W10055.

AIR TANK MANIFOLD

Part No. W10056.

4 ft. AIR HOSE WITH TIRE CHUCK

Part No. W10057.

14" 4-WAY LUG WRENCH

•Heat treated alloy steel •Drop forged for strength
Part No. W2, fits sizes: 17, 19, 21, and 23 mm.
Part No. W2SAE, fits 3/4, 13/16, 7/8 in. and 19 mm.

20" 4-WAY LUG WRENCH

•Heat treated alloy steel •Drop forged for strength •Fits standard lug sizes: 3/4", 13/16", 7/8", and 19 mm
Part No. W1.

25" HEAVY DUTY 4-WAY LUG WRENCH

•Fits large lug sizes: 7/8, 15/16, 1, 1-1/6 in.
Part No. W11.

SAE/METRIC COMBINATION LUG WRENCHES WITH SPADE TIP

•Fits standard lug sizes: 3/4, 13/16, 7/8 in. and 19, 21, and 23 mm. •Spade tip for hub cap removal
Part No. W9, 14" size.
Part No. W9A, 20" size.

WHEEL COVER & HUB CAP TOOL

•Durable, easy grip handle •Rugged construction •Tough rubber mallet •Spade tip removes wheel covers with ease
Part No. W5A.

Performance Tool®

THEXTON MFG.

Specialty Tools

SMALL PARTS CLEANING BASKET

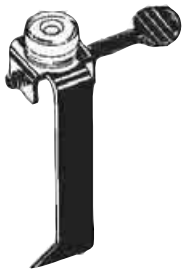
•Prevents loss of small parts like carburetor, fuel injection, or transmission parts. Basket is made of durable wire mesh with a galvanized steel cover that slides tightly over basket. Includes hook for hanging basket in solution for soaking parts.
Part No. 405.

UNIVERSAL RADIATOR PETCOCK SOCKET

•Fits petcocks used in radiators, engine blocks, liquid storage tanks, etc. •Can be used with 1/4" drive ratchet or 7/8" wrench •O-ring on socket helps hold wrench in place, allows one hand operation •Two slot design allows for use on all types and prevents damage to ears on petcock
Part No. 423.

STRUT ALIGNMENT LEVEL

•For domestic and imports using MacPherson strut type front ends with camber adjustment •Alignment level allows technician to return alignment angles to the same value as when the vehicle was brought in for service •Camber angle is checked by placing level on the rotor and adjusting level to centre the bubble •After strut is replaced, camber is adjusted to again centre the bubble
Part No. 447.



RADIATOR PETCOCK SOCKET

•Fits plug and flow through types •1/4" drive socket is made for narrow wing plastic drain plug fittings, both plug and flow through types •Molded plastic socket prevents damaging soft plastic drain fittings •Socket resists automotive chemicals and fits most current vehicles •Also works with 1/2"open end wrench
Part No. 473.

RADIATOR/CONDENSER CLEANING WAND

•Flushes condenser exterior to restore A/C efficiency •Also has many industrial applications •24" wand is zinc plated steel with valve assembly to adjust desired flow rate •Two foot length allows reaching between condenser and radiator to reverse flush dirt, bugs and debris that build up on front of condenser •Standard water hose connection
Part No. 467X.

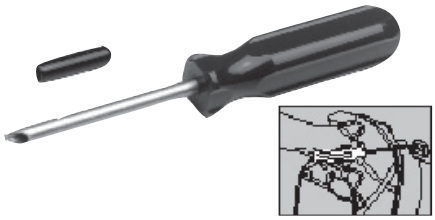
THEXTON

JUMBO WIRE INSERTION TOOL

•Tool has a 1/2" in diameter hollow stainless steel tube and handle •Aids in installing radios, alarm systems, auxiliary lights, cell phones and more •Sharp punch pierces thickest grommets •Allows feeding wire through tool to other side of firewall or panel
Part No. 475.

WIRE INSERTION TOOL

•For installation of wires or cable through rubber grommets such as those used in firewall or vehicle door •Sharp punch easily pierces thickest grommets •Hole through handle and punch shaft allows feeding wire through tool and grommet •Use for installation of radios, alarm systems, cellular phones, heavy gauge wiring, etc. •Stainless steel shaft •Vinyl tip cover
Part No. 436.



OTC TOOLS

Automotive Fuel Systems

RUBBER HOSE PINCH-OFF PLIERS

Acts like a third hand to help you keep rubber hoses and lines clamped tightly when you're servicing various engine components.
Part No. 7655.

DISCONNECT TOOL SET

OTC's handy disconnect tools all packaged together in one set. Nine separate tools for disconnecting fuel line, transmission, and AC connectors. Applications cover Ford, GM, and Chrysler.
Part No. 7604.

FORD FUEL LINE DISCONNECT TOOL SET

Used to easily disconnect the spring lock couplings of the fuel lines on Ford's popular throttle body and port fuel injection systems found on most of their cars and light trucks from 1986 - current. Spring loaded and durable. One 3/8" yellow; one 1/2" green.
Part No. 7337.

FUEL LINE DISCONNECT TOOL SET

Just right for working on quick connect fuel lines. They fit 5/16" or 3/8" fuel lines on Chrysler, Ford, or GM vehicles. They separate the fuel lines without damaging the connectors. One 5/16" grey; one 3/8" blue.
Part No. 7361.

OTC®

FUEL LINE DISCONNECT TOOL SET

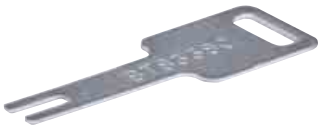
Works on quick connect fuel lines on Ford, GM, and Chrysler, and on the spring lock fuel line couplings on Ford's popular PFI system. Won't damage fuel lines or fuel line connectors. For 5/16", 3/8", and 1/2" fuel lines.
Part No. 7363.

FUEL LINE DISCONNECT TOOL

The scissors-like design allows for easy, damage-free fuel line quick connect coupler release — simply place tool around the fuel line and push into the female connector to release the male connector. It fits any 5/16" or 3/8" fuel line on GM, Ford, and Chrysler vehicles.
Part No. 7660.

GM CODE RETRIEVAL KEY

Key retrieves trouble codes from late model GM vehicles. ECM code retrieval key. Jumps between A and B terminals on ALDL connector to retrieve trouble codes from the ECM.
Part No. 7739.



PITMAN ARM WEDGE

Removes Pitman arms on cars and light trucks. Wedge end is placed between parts and a few hammer blows separates them. 11" long with 1-1/8" fork spread.
Part No. 6531.

BALL JOINT SEPARATOR

Designed solely to remove ball joints from spindle support arms without damaging other components. Almost 16" long and has a 15/16" fork spread.
Part No. 6535.

SHOCK LINK & TIE ROD SEPARATOR

Separates shock absorber links and tie rods. Tapered wedge end is inserted between parts; handle is hit with hammer. 16" long with 11/16" fork spread.
Part No. 6534.

SEPARATOR TOOL

Several tools in one. Removes the camber adjustment sleeves on Ford 4 x 2 and 4 x 4 pick-ups where the camber is adjustable. Also acts as a tie rod separating tool for medium and heavy duty trucks. Even serves as a Pitman arm wedge for light trucks. 11-5/8" long with 1-7/16" fork spread.
Part No. 6533.

GM PITMAN ARM REMOVER

Removes pitman arm on 1988-newer Chevrolet and GMC 1/2-and 3/4-ton 4WD pickups, Suburban, Tahoe and Yukon.
Part No. 6532.

DISC PARK BRAKE CALIPER TOOL KIT

A "must" item when installing new brake pads on vehicles with 4 wheel disc brakes. Rotate the tool on the parking brake actuator to retract the piston. Works on most GM vehicles with 1-1/2" brake pistons, most Ford vehicles, Pontiac Fiero, and imported vehicles. Kit includes plate, 3/8" extension, forcing screw, and adapters.
Part No. 7317A.

BALL JOINT SERVICE TOOL SET

This set removes and replaces ball joints. The C-frame press alone can also be used to remove and replace universal joints. For removing/installing most press-fit ball joints.
Part No. 7249.

Part No. 7248, C-frame press only to remove and replace universal joints with needle type bearings. Handles truck brake pins up to 1-1/4" diameter.

MASTER BALL JOINT ADAPTER SET

Expands the service capability of No. 7249 ball joint service tool set. Includes all the receiver tubes and removing/installing adapters needed to work on most GM, Ford, and Dodge 2WD and 4WD pickups, vans, and sport utility vehicles through 1997. Works on press-fit upper and lower ball joints •Set also includes the No. 7917 live center forcing screw plug, and a plastic storage/carrying case
Part No. 7918.

POWER STEERING PUMP/ ALTERNATOR PULLEY REMOVER

Removes pulleys on most Chrysler, Ford, GM, and VW vehicles. Works on pulleys with hub diameters of 1-1/8", 1-1/4", 1-5/16", and 1-3/8". Split collet design for damage free removal.
Part No. 7185.

POWER STEERING/ ALTERNATOR PULLEY PULLER/INSTALLER SET

Properly replaces pressed-on power steering and alternator pulleys on Ford, Chrysler, and late GM engines. Housed in a blow molded plastic storage case
Part No. 4529.

TIE ROD ADJUSTING TOOLS

Permit 360° rotation of adjusting sleeve. Has 1/2" drive square for use with ratchet or breaker bar.
Part No. 7095, For compact cars with 3/4" dia. adjusting sleeves.
Part No. 7096, For full-size cars with 7/8" dia. adjusting sleeves.
Part No. 7097, For light trucks with 1-1/8" dia. adjusting sleeves.
Part No. 6084, For full-size 3/4 ton and 1 ton pickups including Super Duty with 1-7/16" dia. adjusting sleeves.

HUB TAMER™

The most complete and up to date front wheel bearing service set available. Full set includes everything needed for servicing front wheel bearings on virtually all domestic and import vehicles with trapped or floating rotors. Includes the No. 7924A Front Hub Installer for use on Ford Probe and Focus, and the Ford Contour/Mercury Mystique.
Part No. 6537.

FRONT HUB PULLER FOR 4WD VEHICLES

For removal of the front hub assembly. Services most 1/2-, 3/4-, and 1 ton GM trucks and SUVs; Dodge Ram; Ford; Jeep Cherokee.
Part No. 6290.

Automotive Special Tools

FW BEARING LOCKNUT SOCKETS

PART NO.	APPLICATION
1928	1990-1993 Dodge trucks with Dana 60 manual hubs
1902	1984-1992, 1993-newer Ford Ranger, Bronco II, and Explorer with automatic hubs
7795	1995-newer Ford F-series 1/2 ton trucks and full-size Bronco with automatic hubs
7796	1995-newer Ford F-series 3/4 and 1 ton trucks with automatic hubs
7269	1985-newer Ford F-series 3/4 and 1 ton truck with Dana 80 rear axle
7270A	1986-1995 Ford F-series 1/2 ton truck and full size Bronco with Dana 44 front axle; 1984-1992 Ford Ranger and Bronco II with manual hubs; 1990-1993 Dodge trucks with Dana 44 automatic hubs
7090A	1973-1981 GM 3/4 and 1 ton 4WD trucks; 1978-1984 Ford F-series H.D. 3/4 and 1 ton 4WD trucks
7157	1960-1990 GM 1/2 ton truck and full size Blazer/Jimmy; 1993-newer Ford Ranger, Bronco II, and Explorer with manual hubs; 1995-newer Ford F-series 1/2 ton trucks and full size Bronco with manual hubs; 1995-newer Ford F-series 3/4 and 1 ton trucks with manual hubs; 1959-1985 Ford F-series 1/2 and 3/4 ton truck and full size Bronco; 1969-1972 International 1/2 ton trucks; 1969-1989 Dodge 1/2 ton trucks with manual hubs
7158	1982-1990 GM H.D. 3/4 and 1 ton trucks; 1985½-1995 Ford F-series H.D. 3/4 and 1 ton Dana 50 IFS or Dana 60 front axle; 1985-1995 Ford F-series 1/2 ton truck and full size Bronco with Dana 28 front axle

1928

7795/7796

7090A

7157/7158

7269

7270A

General Purpose Tools

RETAINING RING PLIERS

Choose from a wide variety of retaining ring pliers for automotive, light and heavy duty truck applications. Plier sets are available as are the pliers and some tips, sold separately below. There are three types: "internal" ring pliers for rings in a bore or housing; "external" pliers for rings on a shaft; "convertible" pliers with adjustable pivots for either internal or external rings.

RING SERIES NO.	SIZE RANGE (ring size no.)	BORE OF SHAFT DIAMETER RANGE ("inch" equivalent)	PLIERS PART NO.
5100, 5101, 5102, 5555	12, 15, 25 to 66	1/8" to 21/32"	1120, 1125
	25 to 143	1/4" to 1-7/16"	7053K, 7123K, or 7125K
	93 to 143	15/16" to 1-7/16"	1340, 1345
	31 to 75	5/16" to 3/4"	1340
	354 to 650	3-35/64" to 6-1/2"	7301
5108	50 to 78	1/2" to 25/32"	1120
	50 to 200	1/2" to 2"	7053K, 7123K, or 7125K
	106 to 200	1-1/16" to 2"	1340, 1345
	350 to 400	3-1/2" to 4"	7301
N5000, N5001, N5002	37 to 56	3/8" to 9/16"	1120, 1125
	37 to 200	3/8" to 1-3/4"	7053K, 7123K, or 7125K
	106 to 175	1-1/16" to 1-3/4"	1340
	306 to 625	3-1/16" to 6-1/4"	7300
5008	75 to 100	3/4" to 1"	1120, 1125
	75 to 200	3/4" to 2"	7053K, 7123K, or 7125K
	143 to 200	1-7/16" to 2"	1340, 1345
	315 to 400	3-5/32" to 4"	7300

How to select the proper pliers:

1. If ring number is known, locate ring number in chart — pliers are listed in right-hand column.
2. Or, measure diameter of shaft or bore and locate size in chart — pliers are in right-hand column.

INTERNAL/EXTERNAL RETAINING RING PLIER KIT

Includes four 90° tips (.038" dia.), four 45° tips (.047" dia.), and eight straight tips (.047" and .070" dia.).
Part No. 7053K.

CONVERTIBLE RETAINING RING PLIER KIT

For internal or external rings. Contains .038" diameter and .070" dia. pliers.
Part No. 7123K, Straight tip.
Part No. 7125K, 45° pliers.

STRAIGHT TIP RETAINING RING PLIERS

16" overall length.
Part No. 7300, Internal.
Part No. 7301, External.

REPLACEMENT TIPS

Pair of 90° replacement tips for pliers #7300 and #7301.
Part No. 222030.

HORSESHOE LOCK RING PLIERS

Ruggedly built and designed to spread and remove horseshoe lock rings used on hydraulic brakes, differentials, transmissions, and C.V. joints. Handle length 8".
Part No. 714.

HEAVY DUTY SNAP RING PLIERS SET

Heat treated steel "circlip" pliers for large equipment repair •Replaceable tips and spring ratchet locking mechanism to securely hold against snap ring tension •Internal pliers' capacity 3-1/16" to 6-1/4" snap rings •External pliers' capacity 3-1/2" to 6-1/2" snap rings •Blow molded storage case includes extra sets of replaceable tips
Part No. 4513.

CONVERTIBLE RETAINING RING PLIERS SET

Can be used on either inside or outside snap rings found in automotive and light/heavy duty truck applications. Tips include straight and 45° angles in three different sizes (.038, .047, and .070" dia.). Sturdy plastic storage/organizer case.
Part No. 7888.

RETAINING RING PLIERS SET FOR AUTOMOTIVE AND LIGHT AND HEAVY DUTY TRUCK APPLICATIONS

Includes twelve of the most popular retaining ring pliers. Tips include straight, 45°, and 90° angles in four different sizes (.038, .047, .070, and .090" dia.). Sturdy plastic organizer box. Some pliers in this kit are available separately.
Part No. 7412K, Kit.

Part No. 1120, Pliers only .038" dia., straight.
Part No. 1125, Pliers only .038" dia., 45°.
Part No. 1340, Pliers only .070" dia., straight.
Part No. 1345, Pliers only .070" dia., 45°.
Part No. 1560, Pliers only .090" dia., straight.
Part No. 1565, Pliers only .090" dia., 45°.

DELUXE METAL VACUUM PUMP

For complete vacuum testing and one-man brake bleeding, this kit has everything you need to do a variety of jobs. Made of sturdy die cast metal, the pump is repairable and comes complete with an easy-to-read gauge (inch and mm graduations), reservoir jar, transfer and storage lids, rubber cup adapter, automotive and brake bleeding adapter packages, tubing, and a user's manual. Pump develops and holds approximately 25" of mercury vacuum and will pump 1 cu. in. per stroke. Plastic carrying/storage case.
Part No. 7559.

COOLING SYSTEM PRESSURE TESTER

Now you can pressure test the cooling system on most cars, light commercial trucks, motorcycles, and even marine applications. The tester's universal fit eliminates the need for multiple adapters.
Part No. 7991.

ACCUTORQ™ CLIKKER TORQUE WRENCHES

This line of precision torque wrenches tells you with a loud click when you've reached the torque setting. All four wrenches feature ratchet style heads, all metal construction, permanently roll marked scales, and soft grip rubber handles that allow you to firmly grasp the wrench for right or left hand torquing. Each wrench is supplied in a molded plastic case.

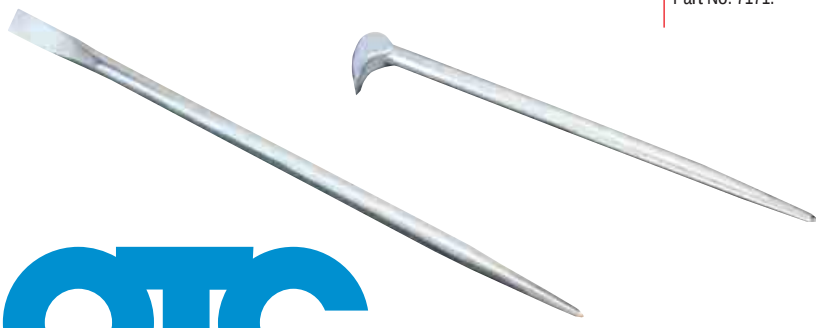
PART NO.	TORQUE RANGE	GRADUATIONS	SQUARE DRIVE	LENGTH
7375	150 - 750 in. lbs. (17-85 N-m)	10 in. lbs.	3/8"	15-1/8"
7377	30 - 150 ft. lbs. (41-203 N-m)	2 ft. lbs.	1/2"	17-3/4"
7378	50 - 250 ft. lbs. (68-339 N-m)	2 ft. lbs.	1/2"	19-3/8"
7379	100 - 600 ft. lbs. (136-813 N-m)	10 ft. lbs.	3/4"	42-1/4"

JIMMY BARS

Forged from chrome alloy steel and heat treated to resist bending and breaking.
Part No. 7166, 5/8" dia., 18" long.
Part No. 7167, 3/4" dia., 24" long.
Part No. 7168, 7/8" dia., 30" long.
Part No. 7420, 7/8" dia., 46" long.
Part No. 7421, 1" dia., 54" long.

ROLLING HEAD PRY BARS

Rolling head makes a great deal of leverage possible. Long tapered body may be used as a lining-up drift.
Part No. 7162, 6" long.
Part No. 7163, 12" long.
Part No. 7164, 16" long.
Part No. 7165, 18" long.



PRY PAC

Three pry bars in one economical package. 12" and 18" rolling head pry bars, and a 24" jimmy bar. Heat treated chrome alloy steel.
Part No. 7171.

O-RING/OIL SEAL PICK

Makes removal and installation of oil seals and o-rings a snap. Metal shaft.
Part No. 7312.

O-RING/OIL SEAL PICK SET

Set of 2.
Part No. 7103.

General Purpose Tools

10 pc. HEX KEY WRENCH SET
Extra length give you added leverage and accessibility. Included in set: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".
Part No. 7365.

9 pc. METRIC HEX KEY WRENCH SET
Extra length give you added leverage and accessibility. Included in set: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, and 10 mm.
Part No. 7334.

UNIVERSAL OUTSIDE THREAD CHASER
Precision dies restore threads to their original condition to make re-assembly of matching parts faster and easier. Eliminates the need for expensive thread cutting equipment. The die cast alloy V-pad will not damage the threads. Complete with 6 dies, threads per inch: 4, 5, 6, 7, 7½, 8, 9, 10, 11, 11-1/2, 12, 14, 16, 18, 20, and 24. Capacity: from 1¼" to 5" O.D.
Part No. 7402.

"BLAST-VAC" MULTIPURPOSE CLEANING GUN
Perfectly suited for quick and efficient cooling system flushing. Attach to radiator or heater hoses. Also can be used for washing engines and even shop floors. One connection to shop air and one to a typical water faucet. Creates a vortex air/water blast for powerful cleaning applications. Tool can also be used to vacuum by turning the venturi inside the gun in the opposite direction.
Part No. 6043.

WHEEL HUB RESURFACING KIT
Quickest way to sand rust off lug studs and rotors on the hub assembly. Tool fits your power drill; sanding pads attach with Velcro®.
Part No. 7942A.

UNIVERSAL FILTER WRENCH
Heavy duty filter wrench for filters up to 6", with leverage applied by a 3/8" drive ratchet, even the toughest filters are easily removed. 2" wide non-slip nylon strap.
Part No. 7062A.

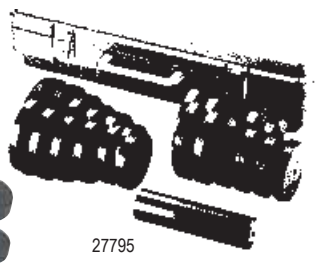
MULTI-PURPOSE STRAP WRENCH
53" long heavy duty nylon strap wrench won't mar precision surfaces of shafts, pulleys, or other components. Lightweight aluminum, 12" long handle.
Part No. 7206.

RATCHETING CHAIN WRENCHES
Head design permits turning in either direction without removing wrench from the work. Ratcheting action also makes it possible to re-grip without removal. Handles parts of most any shape — round, square, hexagon, octagon.
Part No. 7400, Chain wrench capacity 1/2" to 4-3/4" O.D., with 13" handle.
Part No. 7401, Chain wrench capacity 3" to 6-3/4" O.D., with 19" handle.

"CUSTOM-MADE" DRIVER TOOLS
Have the proper size driver for any seal, bearing, or bushing installing job. These sets include discs and handles you assemble to provide a pilot (to prevent cocking), a spacer (so force is applied on the proper area), and a driver (for even force distribution). Discs range in size from 1/2" through 4-1/2" in diameter, in 1/16" increments.

PART NO.	DESCRIPTION
27793	Starter set. Size range: 5/8" through 2" diameter. Contains handle and discs specially selected to provide the driver sizes most frequently needed in automotive service. Contained in handy plastic storage box.
27794	Basic set. Includes 41 discs and 2 handles. Size range: 1/2" through 3" diameter.
27795	Big job set. Used for servicing large components. You get coverage of 3-1/16" through 4-1/2" diameter with the 24 discs and handle provided.
27796	Intermediate set. An ideal automotive set. Includes a handle plus 25 discs having a range of 2" through 3-1/2" diameter.
27797	Master set. For maximum coverage. Three handle sizes and 65 discs to provide coverage of 1/2" through 4-1/2" diameter.

27793

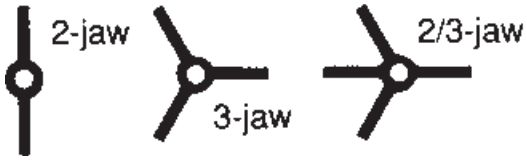

27795

Pullers

PITMAN ARM PULLER
Designed to handle the toughest Pitman arm pulling jobs on passenger cars and light trucks. Special forged jaws are shaped to fit the job, ensuring a positive grip.
Part No. 7314A.

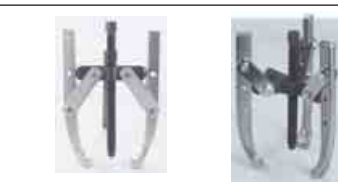
LARGE GEAR & PULLEY PULLER
Removes parts having tapped holes, such as gears, pulleys, etc. Cap screws are not included, but any cap screws up to 1/2" diameter may be used. Spread range when used with 1/2" diameter cap screws: 2" to 7-3/4".
Part No. 522.

GEAR & PULLEY PULLERS
Ideal for pulling timing gears, fan pulleys, harmonic balancers, and many other parts having tapped holes. Each puller includes two hex head cap screws, 3/8"-16 x 3" long. Spread range: 1-1/2" to 4-1/4".
Part No. 7392, Puller with 13" long screw.
Part No. 7393, Puller with 5-1/2" long screw.



MECHANICAL GRIP-O-MATIC® PULLERS

The most complete line of gear and bearing pullers, enabling you to remove and install parts for fast, effective repairs. The pullers are forged from quality steel, heat treated, and subjected to rigorous tests which exceed their rated capacity.

PART NO.	MAXIMUM REACH	MAXIMUM SPREAD	SCREW SIZE	CAPACITY & STYLE	ILLUSTRATION
1020	2-1/8”	3-1/4”	5/16”-24 x 3-7/8”	1 ton; 2 jaw	
1021	2-1/8”	3-1/4”	5/16”-24 x 3-7/8”	1 ton; 3 jaw	
1022	3-1/4”	4”	3/8”-24 x 4-7/8”	2 ton; 2 jaw (reversible jaws)	
1023	3-1/4”	4-3/4”	3/8”-24 x 4-7/8”	2 ton; 2/3 jaw (reversible jaws)	
1024	3-1/4”	6”	9/16”-20 x 6-15/16”	5 ton; 2 jaw (reversible jaws)	
1026	3-1/4”	7”	9/16”-20 x 6-15/16”	5 ton; 2/3 jaw (reversible jaws)	
1025	5-1/2”	6”	9/16”-20 x 6-15/16”	5 ton; long 2 jaw (reversible jaws)	
1027	5-1/2”	7”	9/16”-20 x 6-15/16”	5 ton; long 2/3 jaw (reversible jaws)	
1035	5”	9”	11/16”-18 x 9”	7 ton; 2 jaw (reversible jaws)	
1037	5”	10-1/2”	11/16”-18 x 9”	7 ton; 2/3 jaw (reversible jaws)	
1036	8-3/4”	9-1/2”	11/16”-18 x 9”	7 ton; long 2 jaw	
1038	8-3/4”	11”	11/16”-18 x 9”	7 ton; long 2/3 jaw	
1039	11”	12”	13/16”-16 x 12”	13 ton; 2 jaw	
1041	11”	12”	13/16”-16 x 12”	13 ton; 2/3 jaw	
1040	15-1/4”	15-1/2”	13/16”-16 x 12”	13 ton; long 2 jaw	
1042	15-1/4”	17”	13/16”-16 x 12”	13 ton; long 2/3 jaw	

Pullers

MALE-FEMALE THREADED ADAPTER

For use on the ends of push-puller legs or forcing screws when pulling shafts, bearing caps, pinions, etc. Female end: 5/8"-18; male end: 1/2"-13; length: 2-1/4".
Part No. 8007.

10 TON PUSH-PULLER

Can be used with bearing pulling attachments, pulley pulling attachments, and internal pulling attachments. 8-1/4" max. reach, 2-1/8" - 7-1/4" max. spread. 3/4"-16 x 12" screw size. 1/2" of forcing screw tip end is threaded 5/8"-18. Includes #1100 legs and leg ends.
Part No. 927.

17-1/2 TON PUSH-PULLER

Can be used with bearing pulling attachments, pulley pulling attachments, and internal pulling attachments. 11-1/2" max. reach, 3-1/8" - 11-3/4" max. spread. 1"-14 x 13-1/4" screw size. Leg ends threaded 5/8"-18. Includes #1106 legs and leg ends.
Part No. 938.

30 TON PUSH-PULLER

Can be used with bearing pulling attachments, pulley pulling attachments, and internal pulling attachments. 10-1/2" max. reach, 7" - 16-1/4" max. spread. 1-1/2"-12 x 17-1/4" screw size. Leg ends threaded 1"-14. Includes legs and leg ends.
Part No. 939.

927/938/939

Extra legs for #927:
Reach equals leg length plus 1-1/2" with leg end caps.
Part No. 1103, Pair of 4-3/4" legs.
Part No. 1100, Pair of 6-3/4" legs.
Part No. 1102, Pair of 11-3/4" legs.
Part No. 1101, Pair of 15-3/4" legs.

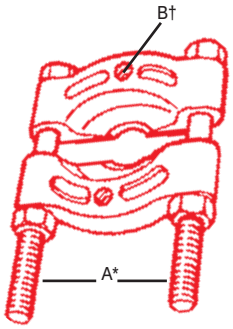
Extra legs for #938:
Reach equals leg length plus 2" with leg end caps.
Part No. 1107, Pair of 4-1/2" legs.
Part No. 1106, Pair of 9-1/2" legs.
Part No. 1104, Pair of 16-1/2" legs.
Part No. 1105, Pair of 22-1/2" legs.
Part No. 1108, Pair of 30" legs.

BEARING SPLITTERS

These versatile accessories feature "knife-like" edges which are easily placed behind the part to secure a gripping surface, even when clearances are extremely limited. When used with an OTC Grip-O-Matic® puller, puller jaws grip attachment's outer edge; when used with a Push-Puller, puller legs are threaded into the attachment's two tapped holes.

PART NO.	MAX. SPREAD	MIN. SPREAD	A*	B†	APPLICATION — USE WITH PULLER NOS.
1121	15/16"	1/4"	5/16"-18	1-11/16"	1020, 1022, 1023
1122	2"	1/8"	3/8"-16	2-7/16"	1024, 1025, 1026, 1027, 7392, 7393
1123	4-5/8"	1/2"	5/8"-18	4-3/8"	1035, 1036, 1037, 1038, 927
1124	5-3/4"	1/2"	5/8"-18	6"	1035, 1040, 1041, 1042, 1065, 1063, 938
1130	9"	1/2"	5/8"-18	6"	1035, 1040, 1041, 1042, 1065, 1063, 938
1126	8"	5/8"	1"-14	7-1/8"	1047, 1043, 939
1127	13-3/8"	3/4"	1"-14	10-1/4"	1047, 1073, 939

*A = Thread of tapped hole in adapter. †B = Distance between adjusting screws.

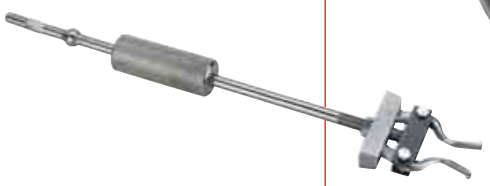


PILOT BEARING PULLER

These very versatile pullers are built specially for inside pulling jobs, and particularly for removing flywheel pilot bearings on automobiles, trucks, and tractors.
Part No. 1170, 3/4" reach; 1/2" min. I.D. spread; 1-1/2" max. I.D. spread.

Part No. 1171, 1" reach; 7/8" min. I.D. spread; 2-1/8" max. I.D. spread.

Part No. 1172, 1-3/4" reach; 1/2" min. I.D. spread; 2" max. I.D. spread.



BASIC SLIDE HAMMER UNIT

Can be used with internal pulling attachments or with female or male-female threaded adapters. 24" long with 5 lb. hammer and 5/8"-18 threaded end.
Part No. 1155.

SPECIAL SLIDE HAMMER PULLER

Ideal for pulling jobs in very close quarters, as in removal of small-bore bushings, bearings, oil seals, etc. Internal pulling attachment has jaw spread of 1/2" to 1-3/8". Handle end has a 1/2"-20 thread.
Part No. 1173, Slide hammer puller.
Part No. 1174, Head assembly only.

MANUAL & AUTOMATIC SLACK ADJUSTER PULLERS

To service all S-cam air brake slack adjusters on the market. #5055 fits all manual types, and #5056 works on Rockwell, Haldex, Gunite, and Bendix automatic adjusters. These tools eliminate costly S-cam damage caused by "heat and beat" method. With rugged forcing screw and cast steel body.
Part No. 5055, Manual slack adjuster puller.
Part No. 5056, Automatic slack adjuster puller.

MULTI-PURPOSE PULLER SET

This assortment of puller tools gives you a wide range of job versatility. You get a 5 lb. slide hammer puller, hub puller, two sizes of OTC Grip-O-Matic® jaw-type pullers, a bearing pulling attachment, plus a cross-bar gear and pulley puller, all contained in a handy plastic storage case.
Part No. 1181.

"SILVER SLAPPER" 8-WAY SLIDE HAMMER PULLER SET

You can pull flange-type rear axles, stubborn oil seals and bearings, and other press-fit parts. Jaws can be set up for 2/3-way internal or external pulling jobs. Consists of: Slide hammer, rear axle pulling attachment, 3-way cross-head, cone, 2-way cross-block, puller hook attachment, pulling jaws (3) for internal or external pulling jobs, grip wrench adapter w/ single lead (wrench not included), dent puller attachment.
Part No. 7947.

SLIDE HAMMER PULLER SET

Contains reversible jaw slide hammer puller (with 2-1/2 lb. hammer), plus an assortment of special jaws and adapters. Will pull various size pilot bearings, oil seals, bushings, timing gears, harmonic balancers, and other tightly fitted parts.
Part No. 1178.

10-TON PUSH-PULLER SET

Contains three popular OTC bar-type pullers in one versatile set, packed in a handy plastic storage case. Tools included permit damage-free pulling of gears, bearings, harmonic balancers, and other parts having tapped holes. Ideal for servicing heavy duty trucks, off-road construction equipment, and machinery.
Part No. 1180.

BEARING SPLITTER COMBO PACK

This combo pack contains four of OTC's most popular bearing splitters, plus a pulley pulling attachment. A rugged organizer case is included, enabling you to keep the tools together for instant use.
Part No. 1183.

FOUR-IN-ONE™ PULLER SET, 7-TON

With the parts included in the PA7 you can quickly assemble a 2/3 jaw puller with standard or long reach. 7-ton capacity, the maximum reach of 8-3/4" and maximum spread of 11" make it ideal for hundreds of pulling jobs.
Part No. PA7.

FLANGE TYPE PULLER COMBINATION

Two specialty pullers in one box. You get a flange type puller for removal of harmonic balancers, timing gears, and other parts with two or three tapped holes. You also get a steering wheel, pulley, and flywheel puller; and four sets of cap screws.
Part No. 525.

Heavy Duty Tools

TRUCK CLUTCH ALIGNMENT TOOLS

These truck clutch tools are available in the three most popular sizes: 1-1/2", 1-3/4", and 2" O.D. 10-spline shafts. Each tool is constructed of a lightweight fibreglass reinforced nylon body that won't hang up in the clutch disc splines.

Part No. 7072A, 1½" O.D., 1" pilot.
Part No. 7073A, 1¾" O.D., 1-1/4" pilot.
Part No. 7074A, 2" O.D., 1-1/4" pilot.
Part No. 7480, 1¾" O.D., 1" pilot.

HEAVY DUTY TRUCK BRAKE SPRING PLIER

Save time and effort removing and replacing extra heavy brake shoe return springs. This tool provides the extra leverage needed for servicing hydraulic, wedge-type, and "S" cam air brakes used on many trucks and trailers. Length of 26-1/4" combined with the huge jaw opening allows servicing of even the widest brake shoes.
Part No. 7069A.

TRUCK WHEEL BEARING LOCKNUT SOCKETS

Each of these sockets has 3/4" square drive opening, permitting the use of an extension and torque wrench to tighten the locknut as required. Locknut removal and installation is simple, even when wide-rim wheels are involved, since a long extension may be attached to the socket to provide the necessary clearance. Sockets are made of high strength steel; openings resist "rounding out".

PART NO.	OPENING SIZE
1901	2-3/32" - 6 pt.
1920	2-1/4" - 6 pt.
1902	2-3/8" - 6 pt.
1936*	2-3/8" - 6 pt.
1903	2-3/8" - 8 pt.
1921	2-1/2" - 6 pt.
1904	2-9/16" - 6 pt.
1905	2-9/16" - 8 pt.
1928*	2-9/16" - 6 pt.
1922	2-5/8" - 6 pt.
1923	2-3/4" - 6 pt.
1937	2-3/4" - 8 pt.
1932	2-7/8" - 6 pt.
1933	2-7/8" - 8 pt.
1906	3" - 6 pt.
1907	3" - 8 pt.
1934	3-1/8" - 6 pt.
1935	3-1/8" - 8 pt.
1908	3-1/4" - 6 pt.

PART NO.	OPENING SIZE
1909	3-1/4" - 8 pt.
1924	3-3/8" - 8 pt.
1910	3-1/2" - 6 pt.
1911	3-1/2" - 8 pt.
1925	3-3/4" - 8 pt.
1926	3-3/4" - 6 pt.
1927	3-13/16" - 8 pt.
1912	3-7/8" - 6 pt.
1913	3-7/8" - 8 pt.
1914	4" - 6 pt.
1915	4-1/8" - 6 pt.
1940	4-1/8" - 8 pt.
1916	4-3/8" - 6 pt.
1917	4-3/8" - 8 pt.
1938	4-1/2" - 8 pt.
1941	4-13/16" - 8 pt.
1918	4-7/8" - 6 pt.
1919	4-7/8" - 8 pt.
1939	5-1/4" - 6 pt.

*Fits special "rounded" hex nut as found on Dana axles of some Ford trucks.

BUDD WHEEL SOCKETS

•Metric sizes for Isuzu, Hino, Mitsubishi Fuso and import trucks, fit front and rear axle wheels.
•1-1/2" hex Budd wheel socket for American made trucks with dual rear wheels. The sockets' extra deep design lets you remove both nut and stud with just the one socket. They are usable with a 1" square drive impact wrench.
Part No. 1945A, 35 mm hex socket.
Part No. 1946A, 38 mm hex socket.
Part No. 1947A, 41 mm hex socket.
Part No. 1948A, 33 mm hex Budd wheel socket. For Mack Midliners, White Volvo, and other import trucks with dual rear wheels.
Part No. 1949A, 1-1/2" hex Budd wheel socket. For American made trucks with dual rear wheels.

BRAKE CLEVIS PIN PRESS

Easily services truck and trailer brake components that are rusted and corroded due to their exposure to the elements. Handy screw operated tool makes short work of removing air brake push rod clevis pins.
Part No. 5057.

AIR BRAKE SERVICE KIT

This kit includes the tools needed to remove the air brake push rod clevis pins, and both manual and automatic slack adjusters found on class 7 and 8 tractor and trailer brake systems. Three tools in a plastic storage case.
Part No. 5054.

SLACK CHECK

Quickly and accurately allows you to check the brake adjustment on all class 7 and 8 trucks and trailers with S-cam brake systems, with either manual or automatic slack adjusters. Four position handle provides the leverage you need at the proper angle.
Part No. 5052.

OTC TOOLS

Heavy Duty Tools

S-CAM AIR BRAKE SPRING TOOL

This tool eliminates unsafe methods, grip wrenches, pry bars, or screwdrivers to unhook and reconnect the two "Q" brake shoe retaining springs. Makes the job easier than ever.
Part No. 5081.

12 pc. TORX® BIT SOCKET SET

Includes 1/4" sq. drive sizes: T10, T15, T20, T25, T27, T30; 3/8" sq. drive sizes: T40, T45, T47, T50, T55; 1/2" sq. drive sizes: T60.
Part No. 6100.

3 pc. TORX® BIT SOCKET SET

Includes 3/8" sq. drive sizes: T50, T55; 1/2" sq. drive sizes: T60.
Part No. 6190.

8 pc. TORX® TAMPER-RESISTANT BIT SOCKET SET

Includes 1/4" hex inserts: T10H, T15H, T20H, T25H, T27H, T30H, T40H; 1/4" sq. drive sizes: 1/4" bit.
Part No. 6145.

9 pc. TORX® PLUS BIT SOCKET SET

Includes 1/4" sq. drive sizes: TP10, TP15, TP20, TP25, TP27, TP30; 3/8" sq. drive sizes: TP40, TP45, TP50.
Part No. 6180.

7 pc. TORX® SOCKET SET FOR EXTERNAL BOLTS

Includes 1/4" sq. drive sizes: E6, E7, E8; 3/8" sq. drive sizes: E10, E12, E14, E16.
Part No. 6150.

9 pc. UNIVERSAL BRAKE CALIPER BIT SOCKET SET

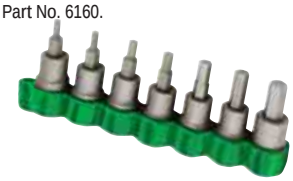
Includes 3/8" sq. drive sizes: T40, T45, T50, 1/4" hex, 3/8" hex, 7 mm hex, 8 mm hex, 10 mm hex; 1/2" sq. drive sizes: T60.
Part No. 6135.

7 pc. HEX BIT SOCKET SET — METRIC

Includes 3/8" sq. drive hex sizes: 3 mm, 4 mm, 5 mm, 6 mm, 7 mm, 8 mm, 10 mm.
Part No. 6170.

7 pc. HEX BIT SOCKET SET

Includes 3/8" sq. drive hex sizes: 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".
Part No. 6160.



TIGER TOOL

Heavy Duty Truck Tools

UNIVERSAL JOINT PULLER

The world's greatest u-joint puller! Engineered for use with up to a 1" impact wrench, this tool provides the ultimate "brute strength" for disassembling drivelines.
Part No. 10102.

Engineered for use with a 1/2" impact wrench, will fit all standard size drivelines. Not recommended for use on Spicer "Life Series" or Meritor "Permalube" series drivelines.
Part No. 10103.

YOKE PULLER

Simplifies and expedites the removal of heavy duty yokes on driveshafts, transmissions and rear-end differentials without damage to yokes or other components. For use with a 1/2" impact wrench.
Part No. 10803.

WHEEL STUD & BRAKE ANCHOR SERVICE KIT

Stud installer and case. Install 10 studs in only 20 - 30 minutes. Removal of the hub is no longer required. For use on inboard hubs on trucks, semi-trucks, and buses. Install new brake anchor pins and bushings in minutes.
Part No. 10603.

AXLE SHAFT PULLER

With two 5/8" x 18 adapters. Works on all medium to heavy duty Eaton and Rockwell drive axles. Has fully adjustable pulling arms and stud adapters that are quick and easy to install (less than one minute). Eaton eliminates damage to axle studs.
Part No. 11001.

SLACK ADJUSTER PULLERS & TOOLS

•High strength A.D.I. and steel castings •CNC machined, billet 4140 forcing screws •Grade 8 attaching hardware •Eliminates dangerous hammering and cutting torch methods •Designed for high capacity pull (can be used with a 1/2" impact wrench) •Simple to slip on for instant results

Part No. 10406, Fits virtually all makes and models of manual type slack adjusters.
Part No. 10407, Fits virtually all Rockwell self-adjusting slack adjusters.
Part No. 10409, Fits virtually all Gunite, Brunner, and Bendix self-adjusting slack adjusters.
Part No. 10410, New and improved design accommodates the removal of virtually all Haldex self-adjusting slack adjusters including left offset, right offset, and standard elongated arm designs from either side.

10406

10410

TIGER TOOL
Heavy Duty Truck Tools

BRAKE CLEVIS PIN PRESS
Works on all makes and models of truck and trailer slack adjusters. The spring-loaded plunger positions itself automatically over the brake clevis pin. Rotation of the forcing screw instantly shears the cotter pin as the clevis pin is removed quickly and easily.
Part No. 10501.

SLACK ADJUSTER ROD PIN PRESS
Positions itself automatically over the adjuster rod clevis pin with a spring loaded plunger. The cotter pin is instantly sheared off as the 3/16" clevis pin is easily removed. Fits virtually all makes and models of automatic slack adjuster rod pins.
Part No. 10502.

PITMAN ARM SPREADER
The Tiger Pitman Arm Spreader will aid the mechanic in spreading the pitman arm for removal from the splined output shaft of the steering box. The tool is easily adjusted to fit various widths and sizes of pitman arms.
Part No. 10386.

TIE ROD END REMOVERS
Provides a safe and effective means to "shock" tie rod ends loose without risk of damage to threaded areas, rubber seals, and grease nipples. Available in 3 sizes.
Part No. 10301, 7/8" for heavy duty trucks.
Part No. 10302, 3/4" for mid-size trucks.
Part No. 10304, 20 mm for metric (European) trucks.
Part No. 10310, Complete Set - Includes Nos. 10301, 10302, 10304; Skin Packed.

TIGER TOOL International Incorporated

CRESCENT® TOOLS
Adjustable Wrenches

Crescent®

ADJUSTABLE WRENCHES
•Tension spring stabilizes jaw and knurl adjusts easily •Wide capacity jaws •Alloy steel and heat treated •Proportioned dimensions for greatest strength and minimum weight •Chrome plated finish resists rust and corrosion •Polished head and regular, satin finished handle

PART NO.	OVERALL LENGTH
AC14V	4"
AC16V	6"
AC18V	8"
AC110V	10"
AC112V	12"

CELEBRATING 40 YEARS
40
1968 Gregg 2008

IRWIN VISE-GRIP®

Locking Pliers, Wrenches, Clamps & Specialty Tools

LOCKING PLIERS STRAIGHT JAW

•Straight jaws provide maximum contact on flat, square, or hex work

PART NO.	REFERENCE NO.	LENGTH
0302L3	7R	7”
0102L3	10R	10”

LOCKING PLIERS CURVED JAW w/ WIRE CUTTER

•Wire cutter •Curved jaw puts tremendous pressure on four points of any style nut or bolt head

PART NO.	REFERENCE NO.	LENGTH
1002L3	4WR	4”
0902L3	5WR	5”
0702L3	7WR	7”
0502L3	10WR	10”

LOCKING PLIERS CURVED JAW

•Curved jaw puts tremendous pressure on four points of any style nut or bolt head

PART NO.	REFERENCE NO.	LENGTH
1302L3	7CR	7”
1102L3	10CR	10”

LOCKING PLIERS LARGE JAW

•Heavy duty jaw grips around work of all shapes; ideal for plumbers, mechanics, welders, and others working with large objects

PART NO.	REFERENCE NO.	LENGTH
12L3	12LC	12”

LOCKING PLIERS LONG NOSE

•Long, straight nose provides easy access in narrow, hard-to-reach places •Ideal for precision work and hobbies

PART NO.	REFERENCE NO.	LENGTH
1602L3	4LN	4”
1402L3	6LN	6”
1502L3	9LN	9”

LOCKING WRENCHES

•Heavy duty jaw locks on to three sides of a hex fastener and will not slip or mar •Designed to replace up to 16 wrench sizes •Includes a built-in wire cutter

PART NO.	REFERENCE NO.	LENGTH
08	4LW	1/4” - 9/16”
04	7LW	7/16” - 3/4”
02	10LW	5/8” - 1-1/8”

LOCKING “C” CLAMP w/ REGULAR TIPS

PART NO.	REFERENCE NO.	LENGTH
17	6R	6”
30	9DR	9”
19	11R	11”
21	18R	18”
275	24R	24”

LOCKING “C” CLAMP w/ SWIVEL PADS

PART NO.	REFERENCE NO.	LENGTH
165	4SP	4”
18	6SP	6”
31	9SP	9”
20	11SP	11”
22	18SP	18”
28	24SP	24”

LOCKING “C” CLAMP w/ EXTENDED THROAT WIDTH w/ REGULAR TIPS

PART NO.	REFERENCE NO.	LENGTH
211	18DR	18”

LOCKING SHEET METAL TOOL

PART NO.	REFERENCE NO.	LENGTH
23	8R	8”

LOCKING WELDING CLAMP

PART NO.	REFERENCE NO.	LENGTH
25	9R	9”

LOCKING CHAIN CLAMP

PART NO.	REFERENCE NO.	LENGTH
27	20R	9”

Part No. 40EXT, 18” extension chain.
Part No. 40REP, 18” replacement chain.

LOCKING PINCH OFF TOOL

PART NO.	REFERENCE NO.	LENGTH
29	RR	7”

LOCKING PANEL CLAMP

PART NO.	REFERENCE NO.	LENGTH
251	9AC	9”

IRWIN. VISE-GRIP®

Quick-grip® Bar Clamps & Spreaders

STANDARD BAR CLAMPS

PART NO.	SIZE
506QC	6”
512QC	12”
518QC	18”
524QC	24”
536QC	36”
550QC	50”

MINI BAR CLAMPS

PART NO.	SIZE
546	6”
5412	12”

MICRO BAR CLAMP/SPREADER

PART NO.	SIZE
53006	4-1/2”

SPRING CLAMPS

PART NO.	LENGTH
58100	1”
58200	2”
58300	3”

QUICK-GRIP PIPE CLAMPS

Innovative clutch system eliminates the need for threaded pipe. Large feet offer more stability and clearance between handle and worktop. Larger, more ergonomic handle offers easier clamping. Larger clutch plates allow for easier release.

PART NO.	PIPE SIZE	THROAT DEPTH
224212	½”/12 mm	1½”/ 37 mm
224134	¾”/ 19 mm	1⅞”/ 47 mm

QUICK-GRIP C-CLAMPS

Double-rolled thread for faster clamping. Larger swivel pad reduces marring on work surface. Larger handle for greater clamping pressure with less effort.

PART NO.	CLAMPING CAPACITY	THROAT DEPTH
225101	1”/25 mm	1-3/16”/ 30 mm
225102	2”/50 mm	1-5/16”/ 33 mm
225103	3”/75 mm	2-1/4”/ 51 mm
225104	4”/10 cm	3”/ 75 mm
225106	6”/15 cm	3-1/2”/ 87 mm
225108	8”/20 cm	4”/ 10 cm
225123	2”/50 mm	3-1/2”/ 87 mm
225134	3”/75 mm	4-1/2”/ 12 cm

IRWIN.

11” QUICK ADJUSTING PIPE WRENCH

VISE-GRIP® Quick Adjusting Pipe Wrench - Is built with convenience and durability in mind. The quick adjusting jaw allows for one handed operation and enhances user speed and convenience. A special heat treated steel body and forged upper jaw optimize the tool’s durability. The cast aluminum construction is 40% lighter than a traditional 14” cast iron wrench and thus reduces user fatigue. 2-1/4” jaw capacity is equivalent to standard 14” pipe wrenches. Ideal for pipe diameters up to 1-1/2”. Broached teeth are ideal for most surfaces including black, galvanized, PVC and copper pipe, as well as nuts, bolts and couplings.
Part No. 274001.

QUICK-GRIP BAR CLAMPS

Soft grip handle is larger and more ergonomic, allowing higher clamping pressure with less effort. I-beam bar reduces flexing and bowing. Larger clutch plates allow for easier release. Available in clutch or passive lock. Passive lock has 35% greater throat depth.

Clutch Lock - 3-1/8”/76 mm Throat Depth

PART NO.	CLAMPING CAPACITY
223106	6”/15 cm
223112	12”/30 cm
223118	18”/45 cm
223124	24”/60 cm
223136	36”/91 cm

Passive Lock - 4-7/8”/12 cm Throat Depth

PART NO.	CLAMPING CAPACITY
223212	12”/30 cm
223218	18”/45 cm
223224	24”/60 cm
223230	30”/75 cm

Bessey Clamp Products

HEAT TREATED STEEL, SLIDING ARM CLAMPS w/ MORPAD

•These clamps offer a greater reach to eliminate the need to buy both regular and deep throat clamps •Tempered steel sliding arm •High strength electro galvanized tommy bar handle •Heat treated, high carbon acme threaded screw •Patented Morpad tilts to 35°

PART NO.	NOMINAL OPENING	NOMINAL THROAT DEPTH	NOMINAL CLAMPING PRESSURE	NOMINAL RAIL SIZE
2400S-8	8"	5-1/2"	2660 lbs.	1-3/16" x 9/16"
2400S-12	12"	5-1/2"	2660 lbs.	1-3/16" x 9/16"
2400S-20	20"	5-1/2"	2660 lbs.	1-3/16" x 9/16"
2400S-60	60"	5-1/2"	2660 lbs.	1-3/16" x 9/16"
4800S-12	12"	7"	4880 lbs.	1-9/16" x 3/4"
4800S-18	18"	7"	4880 lbs.	1-9/16" x 3/4"
4800S-36	36"	7"	4880 lbs.	1-9/16" x 3/4"
4800S-48	48"	7"	4880 lbs.	1-9/16" x 3/4"
4800S-60	60"	7"	4880 lbs.	1-9/16" x 3/4"
7200S-12	12"	8"	7770 lbs.	1-15/16" x 1"
7200S-18	18"	8"	7770 lbs.	1-15/16" x 1"
7200S-36	36"	8"	7770 lbs.	1-15/16" x 1"

ALL-STEEL INDUSTRIAL, "SUPER QUICK" SLIDING ARM CLAMPS w/ STANDARD PAD

•These clamps offer a greater reach to eliminate the need to buy both regular and deep throat clamps •9 times faster than a 'C' clamp

PART NO.	NOMINAL OPENING	NOMINAL THROAT DEPTH	NOMINAL CLAMPING PRESSURE	NOMINAL RAIL SIZE
SQ-4	6"	4-3/4"	1330 lbs.	27/32" x 13/32"
SQ-8	8"	4-3/4"	2660 lbs.	1-3/16" x 9/16"
SQ-12	12"	5-1/2"	2660 lbs.	1-3/16" x 9/16"
SQ-20	20"	4-3/4"	2660 lbs.	1-3/16" x 9/16"

LIGHT PRESSURE, SLIDING ARM CLAMPS w/ STANDARD PAD

•Tempered steel sliding arm •Heat treated, high carbon acme threaded screw •Rail, fixed jaws and pressure plate heat formed in one piece from cold drawn profiled steel

PART NO.	NOMINAL OPENING	NOMINAL THROAT DEPTH	NOMINAL CLAMPING PRESSURE	NOMINAL RAIL SIZE
1200S-8	8"	5-1/2"	1200 lbs.	1" x 15/32"
1200S-12	12"	5-1/2"	1200 lbs.	1" x 15/32"

RAPID ACTION LEVER CLAMPS

•Perfect for applications where vibration causes a conventional clamp to "walk" ... the lever clamp stays firmly in place even when you're using power tools such as grinders •Standard handle

PART NO.	NOMINAL OPENING	NOMINAL THROAT DEPTH	NOMINAL CLAMPING PRESSURE
LC-8	8"	4"	770 lbs.
LC-12	12"	5-1/2"	1110 lbs.

Drop Forged C-Clamp - Black Oxide Coated Frame

•Designed for heavy duty use •Drop forged and heat treated for added strength •Black oxide coated to resist corrosion •Ball-joint swivel pad •Spindles are available in two styles: •Copper coated to resist weld spatter or Black oxide to resist corrosion •Large ACME threads for fast clamping

BLACK OXIDE SPINDLE PART NO.	COPPER COATED SPINDLE PART NO.	NOMINAL OPENING	NOMINAL THROAT DEPTH	BESSEY LOAD TEST	SCREW DIAMETER
CDF402	CDF402C	2"	2"	3300 lbs.	5/8"
CDF403	CDF403C	3"	2-3/8"	3500 lbs.	5/8"
CDF404	CDF404C	4"	2-3/4"	4100 lbs.	3/4"
CDF406	CDF406C	6"	3-5/8"	5400 lbs.	3/4"
CDF408	CDF408C	8"	4-1/2"	5900 lbs.	3/4"
CDF410	CDF410C	10"	5-3/8"	6200 lbs.	3/4"
CDF412	CDF412C	12"	5-3/4"	9500 lbs.	3/4"

Drop Forged C-Clamp - Hi-Vis Yellow Frame

•Designed for heavy duty use •Drop forged and heat treated for added strength •Hi-vis clamps meet OSHA and ANSI safety colour coding standards •Ball-joint swivel pad •Spindles are available in two styles: •Copper coated to resist weld spatter or Black oxide to resist corrosion •Large ACME threads for fast clamping

BLACK OXIDE SPINDLE PART NO.	COPPER COATED SPINDLE PART NO.	NOMINAL OPENING	NOMINAL THROAT DEPTH	BESSEY LOAD TEST	SCREW DIAMETER
CDF402-HV	CDF402C-HV	2"	2"	3300 lbs.	5/8"
CDF403-HV	CDF403C-HV	3"	2-3/8"	3500 lbs.	5/8"
CDF404-HV	CDF404C-HV	4"	2-3/4"	4100 lbs.	3/4"
CDF406-HV	CDF406C-HV	6"	3-5/8"	5400 lbs.	3/4"
CDF408-HV	CDF408C-HV	8"	4-1/2"	5900 lbs.	3/4"
CDF410-HV	CDF410C-HV	10"	5-3/8"	6200 lbs.	3/4"
CDF412-HV	CDF412C-HV	12"	5-3/4"	9500 lbs.	3/4"

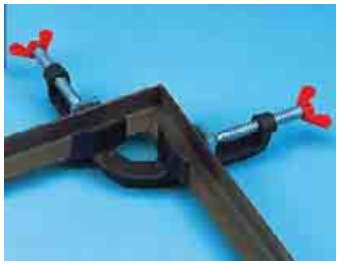
WSM WELDERS' ANGLE CLAMPS

•One handed, self centering jig and fixture clamp •Combination floating head and rotating spindle holds, fixes and aligns different material thicknesses at a 90° angle •Ideal for plates, angle iron, square tubing, pipe, channel iron, etc.

PART NO.	JAW HEIGHT	JAW LENGTH	PASSAGE FOR "T" JOINTS	CAPACITY FOR SIDES	MITRE JOINTS/SIDE
WSM-9	1-1/2"	4"	2-1/2"	7"	3-1/2"
WSM-12	2-1/2"	4-1/2"	4"	9-1/2"	4-3/4"

WELDERS' CORNER CLAMPS

•Open construction for more access to material being welded •Holds different thickness of metals at 90° angles
Part No. H94/1, 2" opening.
Part No. H94/2, 4" opening.



TRADESMEN™ BAR CLAMPS

•Malleable, cast iron bar clamp •Patented non slip locking mechanism; corrugated cast jaws; high quality profiled rail; coated Acme thread and large ergonomic wood handle

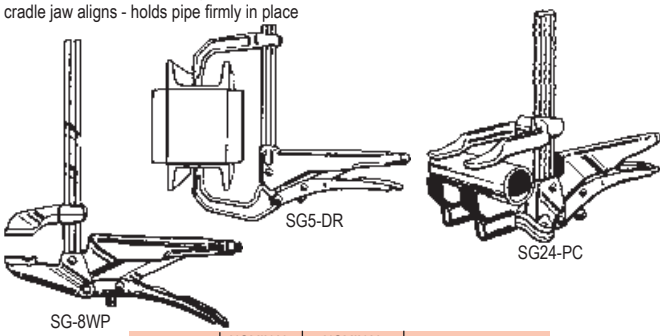
PART NO.	NOMINAL OPENING	NOMINAL THROAT DEPTH	NOMINAL CLAMPING PRESSURE	NOMINAL RAIL SIZE
MEDIUM DUTY				
TG2-004	4"	2"	450 lbs.	19/32" x 3/16"
TGJ2-506	6"	2-1/2"	600 lbs.	1" x 1/4"
TGJ2-512	12"	2-1/2"	600 lbs.	1" x 1/4"
TG4-008	8"	4"	880 lbs.	1" x 5/16"
TG4-012	12"	4"	880 lbs.	1" x 5/16"
TG4-016	16"	4"	880 lbs.	1" x 5/16"
TG4-524	24"	4-1/2"	1100 lbs.	1" x 5/16"
TG4-540	40"	4-1/2"	1100 lbs.	1" x 5/16"
HEAVY DUTY				
TGK4-516	16"	4-1/2"	1540 lbs.	1-1/4" x 3/8"
TGK4-524	24"	4-1/2"	1540 lbs.	1-1/4" x 3/8"
TGK4-540	40"	4-1/2"	1540 lbs.	1-1/4" x 3/8"
TGK4-550	50"	4-1/2"	1540 lbs.	1-1/4" x 3/8"
TGK4-579	79"	4-1/2"	1540 lbs.	1-1/4" x 3/8"

POWERGRIP™ CLAMP w/ ALUMINUM HANDLE

•For up to 1000 lbs. of clamping power •Bright drawn spring tempered "I" beam steel rail minimizes flexing and bending •Quick release button for rapid movement of sliding arm •4" nominal throat depth •200 lbs. nominal pressure with lever •1000 lbs. nominal pressure with handle
Part No. PG-24, 24" nominal opening.

SUPERGRIPS™

•SuperGrips™ combine the adjustability of the sliding jaw of screw clamps with the conventional grip plier design •The jaws remain parallel or at the proper angle to each other in any position •Welders' Ground SuperGrips™ come with hole for ground wire connection on jaw •Deep Reach SuperGrips™ clamp over angles, channel iron or obstructions •Pipe Clamps SuperGrips™ cradle jaw aligns - holds pipe firmly in place



PART NO.	NOMINAL OPENING	NOMINAL THROAT DEPT	NOMINAL CLAMPING PRESS.
STANDARD			
SG-4WP	4"	2-1/2"	440 lbs.
SG-8WP	8"	2-1/2"	440 lbs.
WELDERS' GROUND			
SG-GC	2-1/2"	2-3/4"	310 lbs.
DEEP REACH			
SG5-DR	3"	4-1/2"	310 lbs.
PIPE CLAMPS			
SG24-PC	3"	4-1/2"	310 lbs.

MULTI-PURPOSE MAGNETIC SQUARES

•High quality, rare earth magnets designed for fast, simple set-ups work firmly at 45°, 90°or 135° angles •Enclosed model prevents fi and dirt from getting in magnets •Large 100 lb. pull models are su with "T" handles to break magnet from work

PART NO.	TYPE	NOMINAL WIDTH	NOMINAL HEIGHT	NOMINAL THICKNESS	PULL
WMS-5	Super Square	3-3/4"	4-3/8"	3/4"	57 lbs.
CMS-1	Chunky	3-3/4"	4-3/8"	1-1/2"	100 lbs.
BDMS-1	Big Daddy	8"	8"	1-5/8"	100 lbs.

WELDER'S MAGNETIC GROUND CLAMPS

•Spring loaded electrode secures ground to work surface; rotating stud assembly allows ground wire to rotate 360° •1/2" connection stud size •55 lbs. average pull

PART NO.	MAX. AMP.	NOMINAL HEIGHT
MGC-1	250	2"
MGC-2	800	2-1/2"

JAMACC™ PIPE CLAMP FIXTURES

•Plated spindles to prevent rust and corrosion •"Clutch" action grips bar automatically •Large clamping surface - positive grip •Large handle - positive pressure
Part No. PC-12, 1/2" pipe dia.
Part No. PC-34, 3/4" pipe dia.

MAGBEND-IT MAGNET

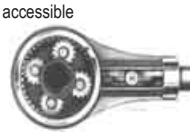
•19" bendable shaft retrieves iron objects from hard to reach places
Part No. MBT.

MAGPICK-UP PAL MAGNET

•Powerful, permanent neodymium magnet on a strong, lightweight 35" shaft saves wear and tear on your back around shop or home
Part No. MPU-1.

X4 TORQUE MULTIPLIERS

•Geared head device that offers 4 times the power of an ordinary torque wrench • It is an invaluable tool for maintenance, production, inspection or equipment service applications where you need the raw power but compressed air is not accessible



PART NO.	INPUT CAPACITY	OUTPUT CAPACITY	INPUT DRIVE	OUTPUT DRIVE	RATIO
JM-750	250 ft.lbs	1000 ft.lbs.	1/2"	3/4"	4:1
JM-1000	500 ft.lbs	2000 ft.lbs.	3/4"	1"	4:1
JM-1500	923 ft.lbs.	4000 ft.lbs.	1"	1-1/2"	4.33:1

ECLIPSE

Permanent Magnets

BUTTON MAGNETS

•Cylindrical magnet with both poles in the same plane •Button magnets can be used in temperatures up to 550°C •With fixing holes (plain) •Applications include paint plant jigs, damping, temperature sensitive devices, relay switches

PART NO.	DIAMETER (mm)	HEIGHT (mm)	MIN-MAX. SLOT SIZE (mm)	HOLE SIZE (mm)	MAX. PULL (kg)
E821	12.5	9.5	4.0 - 7.2	4.5	0.7
E822	19.1	12.7	5.6 - 8.7	4.8	1.9
E823	25.4	15.9	5.6 - 8.7	4.8	3.4
E824	31.8	25.4	8.0 - 12.7	7.1	4.8

POWER MAGNETS

•This powerful square "horseshoe" type magnet is characterized by its ability to attract materials through wide air gaps •The magnet is supplied with fixing holes •Power magnets can be used in temperatures up to 550°C •Applications include retrieval, welding/soldering fixtures, ultrasonic testing, crack detection/non-destructive testing, attracting, clamping, and securing steel parts

PART NO.	LENGTH (mm)	HEIGHT (mm)	WIDTH (mm)	WIDTH OF GAP (mm)	HOLE SIZE (mm)	MAX. PULL (kg)
811	30	20	20	15	4	4.5
812	40	25	25	20	5	9.0
813	45	30	30	23	5	11.8

POT MAGNETS

•Cylindrical magnets in a mild steel pot with poles in the same plane •Threaded hole for secure fixing •Provides superior grip at contact •Pot magnets are constructed from Alcomax III (magnet), aluminum ring (spacer) and mild steel (pot) •Pot magnets can be used in temperatures up to 220°C •Pot magnets have an insulated magnetic circuit, preventing flux leakage when fitted into jigs and fixtures •Supplied with keeper •Applications include gripping and lifting, positioning jigs, soldering fixtures, sinking into jigs and fixtures, securing and fixing

PART NO.	DIAMETER (mm)	HEIGHT (mm)	THREAD SIZE	MAX. PULL (kg)
829	9.5	15.1	M3	1.00
830	12.7	15.9	M4	2.00
831	17.5	16.0	10-32	2.65
832	20.5	19.0	10-32	4.00
833	27.0	25.0	10-32	6.10
834	35.0	30.0	10-32	14.75

SHALLOW POT MAGNETS

•Shallow pot magnets can be fixed using the central countersunk hole •They can be fixed to steel surfaces without losing magnetism •Magnetic on one face only •Can be used at temperatures up to 550°C (except #826; up to 100°C) •Ideal for securing items to thin sheet metal surfaces •Applications include gripping and lifting, positioning jigs, soldering fixtures, sinking into jigs and fixtures, securing and fixing, handling thin steel sheets •Designed for applications where height is restricted for conventional pot magnets

PART NO.	DIAMETER (mm)	HEIGHT (mm)	SCREW HEAD SIZE (plain hole)	MAX. PULL (kg)
826	19.1	7.50	M3 Csk	3
827	28.6	8.70	M4 Csk	5
828	38.1	10.35	M4 Csk	13

ECLIPSE

WISS® TOOLS

Specialty Snips

METAL-WIZZ MULTI PURPOSE SNIPS

•Designed for the home craftsman •Cuts curves, straight or any combination •Recommended max. capacity 20 gauge
Part No. MPC-3.

ALL-PURPOSE CUTTERS
Cuts close to anything!

•Wiss All-Purpose Cutter makes quick work of cardboard, shingles, wire mesh, sheet metal, sheet vinyl, and so much more •Compound action provides a 5:1 power ratio for less fatigue •Non-slip textured cushion grip handles are designed for small hand comfort •Serrated blade grabs hold and aggressively cuts through the material •Extra long 3" chrome plated blades provide a longer cut than most tools
Part No. MPX.

MULTI-MASTER SNIPS w/ 3" BLADES

•Provides fast powerful cutting with compound action that multiplies hand force by 5 times •Cuts virtually anything •Hi-viz handle •Recommended max. capacity 20 gauge
Part No. M300.

Wiss®

TINNER'S SNIPS

•Straight pattern cuts straight and wide curves (when trimming light gauge stock)

PART NO.	LENGTH	RECOMMENDED MAX. CAPACITY
A-13N	7"	23 gauge
A-12N	8-1/4"	23 gauge
A-11N	9-3/4"	23 gauge
A-10N	11"	21 gauge
A-9N	12-1/2"	20 gauge

INDUSTRIAL SNIPS

•Straight pattern cuts straight and wide curves (for industrial use when trimming light gauge stock)

PART NO.	LENGTH	RECOMMENDED MAX. CAPACITY
W7N	14-1/2"	18 gauge

DUCKBILL SNIPS

•Combination pattern cuts straight and moderately tight curves left or right (when trimming light gauge stock)

PART NO.	LENGTH	RECOMMENDED MAX. CAPACITY
V-10N	10-1/4"	23 gauge
V-19N	13"	21 gauge

COMPOUND SNIPS

•Metalmaster snips made from extra tough molybdenum steel for cutting tight curves or heavy stock •Recommended max. capacity 18 gauge

M-1R

M-2R

M-3R

Part No. M-1R, Left cut - red handle.
Part No. M-2R, Right cut - green handle.
Part No. M-3R, Straight cut - yellow handle.

COMPOUND BULLDOG SNIPS

•Metalmaster snips for notching or trimming extra heavy stock •Recommended max. capacity 16 gauge

Part No. M-5R, Red handle.

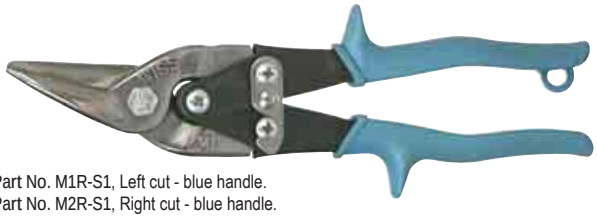
OFFSET SNIPS

•Metalmaster snips that withstand the strain of cutting tight curves and heavy stock •Offset blades keep hands clear of metal •Recommended max. capacity 18 gauge

Part No. M-6R, Left cut - red handle.
Part No. M-7R, Right cut - green handle.

SPECIAL SERIES SNIPS

•Metalmaster snips specially hardened to cut exotic metals •Cuts tight curves and heavy stock •Recommended max. capacity 18 gauge stainless steel



Part No. M1R-S1, Left cut - blue handle.
Part No. M2R-S1, Right cut - blue handle.

COMPOUND PIPE/DUCT SNIPS

•Metalmaster snips cut any shape ducts, seams, sheet metal stock, vinyl tiles and plastic laminates •Recommended max. capacity 20 gauge

Part No. M-41R, Yellow handle.

Wiss®

TUBE CUTTERS - Metal Tubing, for hard or soft copper, aluminum, brass, thin wall steel, stainless steel, monel, titanium, and other tubing.

HI-DUTY® TUBE CUTTERS

Unique design eliminates spiralling. Makes clean, right angle cuts with no burrs or chips to clog tubing. Includes: rollers with flare cut-off groove, fold away reamer and spare cutting wheel. Rugged aluminum alloy body designed for handling ease. Finish: hand buffed high lustre nickel-chrome plated body. Cuts 1/8" to 1-1/8" O.D. tubing. Length 5".
Part No. TC-1000.
Part No. S75015, Replacement cutting wheel for soft copper aluminum brass and steel tubing.
Part No. S75046, Replacement cutting wheel for stainless steel, monel, and hard temper copper tubing.

IMP® TUBE CUTTERS

Unique design eliminates spiralling. Re-positioned rollers to bottom of tool allows for easier cutter engagement on tubing. Enclosed feed screw minimizes contamination. Re-designed feed mechanism and new stainless steel rollers improves overall cutting action. New handle for better grip. Finish: hand buffed high lustre nickel-chrome plated body. Requires only 1-1/4" swing radius. Cuts 1/8" to 5/8" O.D. tubing. Length 1-3/4".
Part No. TC-1050.
Part No. S32633, Replacement cutting wheel.

JUNIOR TUBE CUTTERS

Exceptionally handy in close quarters. Makes quick, clean, right angle cuts without flattening tube. Enclosed feed mechanism. Satin finish. Cuts 1/8" to 3/4" O.D. tubing. Length 3-1/2".
Part No. 227-FA.
Part No. S32633, Replacement cutting wheel.

RATCHETING TUBE CUTTER

•Cuts 1/8" to 5/8" and 4 mm to 15 mm outside diameter tubing •Minimal clearance radius of 1¼" •Easily completes a full revolution, maximizing leverage •Cutter can easily be removed from the handle •Includes (1) general purpose cutter wheel •Ergonomic handle with non-slip grip •100% factory tested to ensure accurate spiral-free cutting •Six independent drive pawls provide 15° arc-swing •5" nominal length •For hard or soft copper, aluminum, brass, thin wall steel, stainless steel, monel, titanium, and other tubing
Part No. TC-1050RH.
Part No. TC-1051, Replacement handle.

TUBE BENDERS - LEVER TYPE

For soft copper, aluminum, brass, steel, stainless steel and other metals. Each tool bends one size. Open side type which slips over tube at any point. Makes smooth tight radius bends up to 180° with minimum effort. No scoring or flattening of tubing. Calibrated to show angle of bend, wide hook grips tubing securely.

PART NO.	TUBE O.D.	RADIUS TO CENTRE OF TUBE
364-FH-02	1/8"	3/8"
364-FH-03	3/16"	7/16"
364-FHA-04	1/4"	9/16"
364-FHA-05	5/16"	11/16"
364-FHA-06	3/8"	15/16"
364-FHA-08	1/2"	1-1/2"
364-FHA-10*	5/8"	2-1/4"
364-FHA-12*	3/4"	3"
364-FHA-16*	1"	3-1/2"

*For bending annealed copper and aluminum tubing only

TUBE BENDERS - SWIVEL HANDLE

For soft copper, aluminum, brass, steel, stainless steel and other metals. Each tool bends one size. Has a swivel handle that can be re-positioned midway through a bend when both handles begin to meet. Allows easy fabrication of bends up to 180° with minimum effort.

PART NO.	TUBE O.D.	RADIUS TO CENTRE OF TUBE
364-FHB-04	1/4"	9/16"
364-FHB-05	5/16"	11/16"
364-FHB-06	3/8"	15/16"
364-FHB-07	7/16"	1-1/2"
364-FHB-08	1/2"	1-1/2"

TUBE BENDERS - LEVER TYPE - HEAVY DUTY

For soft copper, aluminum, brass, steel, stainless steel and other tubing. Each tool bends one size. Meets ANSI/ASME Boiler/Power requirements. Features steel construction on all components subjected to stress during the bending process - including forming rollers, form wheel, stop pins, hook, and cam adjustment shaft. Has offset handle and is vise mountable. Starts with handles at 90° angle and makes precise bends. Self aligning rollers eliminate scoring and reduce bending effort.

PART NO.	TUBE O.D.	RADIUS TO CENTRE OF TUBE
564-FHT-06	3/8"	15/16"
564-FH-06	3/8"	1-1/8"
564-FH-08	1/2"	1-1/2"

IMP® TRIPLE HEADER BENDERS

For soft copper, aluminum, and thin wall steel tubing. Calibrated markings for making accurate left hand, right and offset bends. 90° start requires less effort — making bending fast and easy.
Part No. 367-FH, For 1/8", 3/16", and 1/4" O.D. tubing. 9/16" radius to centre of tube.

Part No. 368-FH, For 3/16", 1/4", 5/16", and 3/8" O.D. tubing. 15/16" radius to centre of tube.

TUBE BENDER - GEAR TYPE

For aircraft grade stainless steel and all other metal tubing of bending temper. Spur-gear type with 10:1 ratio for easy bending of all tempered tubing. Floating shoe aligns tube perfectly on calibrated forming wheel. Pull-pin on wheel speeds repositioning for bends over 90°. Portable; can be hand held, clamped in vise, or bolted to bench.

PART NO.	TUBE O.D.	RADIUS*	MIN. RETURN*	WALL THICKNESS
270-F-06	3/8"	1-3/4"	4-1/2"	.030 to .060"
270-F-08	1/2"	2-1/2"	6"	.035 to .065"
270-F-10	5/8"	3"	7-1/2"	.040 to .072"
270-F-12	3/4"	4"	9-1/2"	.042 to .083"
270-F-16	1"	4"	9-1/2"	.065 to .095"

*from centre to centre of tubing

TRIPLE HEAD 180° TUBE BENDER with Roto-Lok™ Indexing Handle

•Bends 3/16", 1/4", 5/16" and 3/8" Tubing •Makes Smooth, Tight Radius 180° Bends •Calibrated Markings - for making accurate left-hand, right-hand and offset bends •Adjustable Hook •Optimum Bending Radius - for each tubing size •Cushion Grips - for extreme comfort •Made of Lightweight Die-Cast Aluminum •For Bending Soft Copper, Aluminum, Brass, Steel and Other Tubing
Part No. 470-FH.

Imperial® DEPENDABLE UNDER PRESSURE™

TUBE BENDERS - SPRING TYPE

For soft copper and aluminum tubing. Allows hand bending of soft tubing to any shape without collapsing walls. Special spring steel, chrome finish. End belled for quick tube removal.

PART NO.	TUBE O.D.	LENGTH
102-F-04	1/4"	10"
102-F-05	5/16"	10"
102-F-06	3/8"	10"
102-F-07	7/16"	12"
102-F-08	1/2"	12"
102-F-10	5/8"	12"
102-F-12	3/4"	12"

HEAVY DUTY 180° TUBE BENDER with ROTO-LOCK™ INDEXING HANDLE

•For ¼" to ½" O.D. tubing •New design for accurate bends up to 180° in stainless steel and other tough metals •Patented, quick action trigger release repositions two stage handle midway through a bend when both handles begin to meet (allows easy fabrication of bends up to 180° with reduced effort, better control and no crossing of handles!) •Rollers in bending handle reduce friction and bending effort; eliminate scoring of tubing •Comfortable and durable ergonomically molded cushion grips •Vise lug for mounting in vise •Clam-shell packaging available for ¼" and 3/8" O.D. models

PART NO.	TUBE O.D.	RADIUS TO CENTRE OF TUBE
464-FH-04	¼"	¾"
464-FH-06	3/8"	1⅛"
464-FH-08	½"	1½"

45° FLARING TOOL

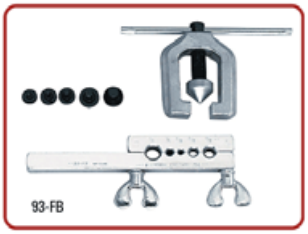
For 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", and 5/8" O.D. tubing. Rugged forged steel slip-on yoke and hardened flaring bar. Positive clamping action of bars prevents tube slippage. Self centrering yoke with swivel type, hardened steel chrome finished flaring cone forms better flares with less effort. Design of yoke permits flaring where there is little space between nut and tube end. Satin finish, nickel chrome plated.
Part No. 195-FC.

45° LARGE SIZE FLARING TOOL

Flares larger tube sizes of 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", and 3/4" O.D. tubing. Quick slip-on yoke with hard chrome finished, swivel flaring cone reduces effort. Positive clamping action of flaring bar eliminates tube movement. Nickel chrome finish.
Part No. 375-FS.

45° DOUBLE FLARING TOOL

For 3/16", 1/4", 5/16", 3/8", and 1/2" O.D. tubing. Recommended for Bundy and other annealed soft steel tubing (wall thickness to .035"). Also makes single or double flares in soft copper or aluminum tubing. Small, lightweight, easy to handle. Forged steel yoke; swivel type hardened steel chrome finished flaring cone. Bar provides positive grip of tubing. Includes tool case.
Part No. 93-FB.



Adapters for use with #93-FB:
Part No. S68015, 1/2" adapter.
Part No. S68012, 1/4" adapter.
Part No. S38388, 3/16" adapter.
Part No. S68014, 3/8" adapter.
Part No. S68013, 5/16" adapter.

45° DOUBLE FLARING TOOL

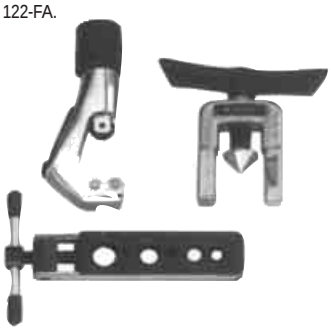
For 1/4", 5/16", 3/8", 1/2", 5/8", and 3/4" O.D. tubing. Designed for automotive air conditioning service. Makes double flares in soft copper or aluminum tubing (wall thickness to .035"). Easy operating ball bearing swivel type hard chrome finished flaring cone. Quick slip-on yoke. Flaring bar offers positive grip of tubing. Also makes single flares.
Part No. 195-FB.

WIDE RANGE TOOL KIT

For flaring, cutting, and bending soft copper, aluminum, and brass tubing. All purpose tubing tool kit contains: #TC-1000 tube cutter; #375-FS flaring tool; #102-F-04, #102-F-06, and #102-F-08 spring benders; #123-C ratchet wrench.
Part No. 121-F.

CUTTING & 37° FLARING KIT

For flaring, cutting, and bending soft copper, aluminum, and brass tubing. Contains #TC-1000 tube cutter for 1/8" to 1-1/8" O.D. tubing and #437-FB 37° flaring tool. Flaring tool range: 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" O.D.
Part No. 122-FA.



REFRIGERATION/AIR CONDITIONING RATCHET WRENCHES

•Rugged steel forged wrench. For use on small refrigerant cylinders, shut-off valves, packing gland nuts, etc. Ratchet has 1/4" square drive and raised face. Handle has 3/16" and 1/4" square drives and 1/2" hex.
Part No. 123-C.

Imperial®
DEPENDABLE UNDER PRESSURE™

Electrical Tools

Cutters, strippers, and crimpers are designed to the demanding specifications of the professional. Made from high carbon, heat treated steel, each tool is manufactured to produce clean, exacting results.

UPFRONT STRIPPER

•5-in-1 combination tool. Strips: 22/20/18/16/14/12/10 AWG. Crimps: ins. and non-ins.: 22-18, 16-10 AWG; non-ins: Auto 7 and 8 mm. Bolt cutter: 4-40/5-40/6-32/8-32/10-32/10-24. Wire sizes etc. are embossed in metal and paint filled. Air pocket cushion grips. 8-1/4" overall length.
Part No. IE-110.

HEAVY DUTY UPFRONT STRIPPERS & CUTTERS

•Strips: 20/18/16/14/12/10 AWG; .8/1.0/1.3/1.6/2.0/2.6 mm. Wire sizes are embossed in metal and pad printed on face.
Part No. IE-120.

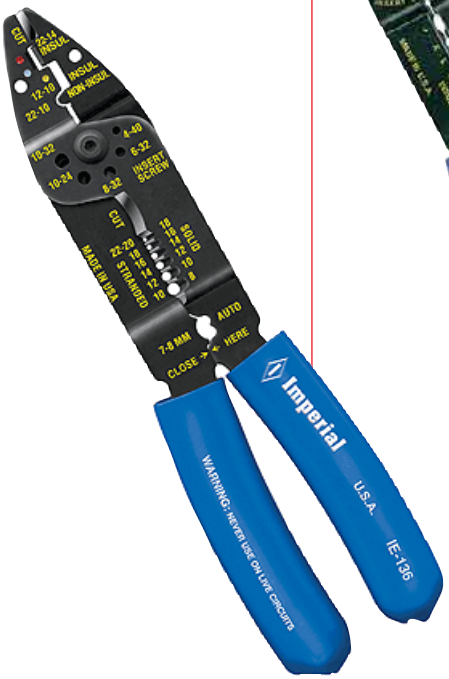
•Strips: 26/24/22/20/18/16 AWG; .40/.50/.65/.80/1.0/1.3 mm.
Part No. IE-125.

•Strips: 30/28/26/24/22 AWG; .25/.32/.40/.50/.65 mm.
Part No. IE-130.

UPFRONT CRIMPERS

•All purpose tool. Strips: 22-20/18/16/14/12/10 AWG. Crimps: ins. and non-ins.: 22-14, 12-10 AWG; non-ins.: Auto 7 and 8 mm. Bolt cutter: 4-40/6-32/8-32/10-32/10-24. Air pocket cushion grips. 8-3/4" overall length.
Part No. IE-136.

•All purpose tool. •Strips:22-20/18/16/14/12/10 AWG. Crimps: ins.: 22-14, 12-10 AWG. Bolt cutter: 4-40/6-32/8-32/10-32/10-24. Air pocket cushion grips. Anvil type wire cutter. 7-1/2" overall length.
Part No. IE-140.



AUTOMOTIVE/MULTI-PURPOSE CRIMPER

•Insulated and non-insulated crimp stations including Weatherpack Terminals •Bolt/screw sizing and cutting stations •Highly visible, easy-to-read graphics •Cushion grips
Part No. IE-150.

Imperial®

DEPENDABLE UNDER PRESSURE™

HEAVY DUTY STRAIGHT PIPE WRENCHES

•Sturdy, cast-iron housing and I beam handle with full floating forged hook jaw, featuring self-cleaning threads with replaceable hook and heel jaws •Comply with federal specifications GGG-N65IE, Type II, Class A.

PART NO.	SIZE	PIPE CAPACITY
31005	8”	1”
31010	10”	1½”
31015	12”	2”
31020	14”	2”
31025	18”	2½”
31030	24”	3”
31035	36”	5”
31040	48”	6”
31045	60”	8”

ALUMINUM STRAIGHT PIPE WRENCHES

•Nearly 40% lighter than comparable cast-iron wrenches •Professional strength in lightweight aluminum •Jaws and all other parts identical to Ridgid heavy duty wrenches

PART NO.	SIZE	PIPE CAPACITY
31090	10”	1½”
47057	12”	2”
31095	14”	2”
31100	18”	2½”
31105	24”	3”
31110	36”	5”
31115	48”	6”

HEAVY DUTY END PIPE WRENCHES

•Assures a fast and easy grip for pipe working in restricted spaces or close to a wall •Provides a faster, easier way to get a grip and long handle swing

PART NO.	SIZE	PIPE CAPACITY
31060	10”	1½”
31065	12”	2”
31070	14”	2”
31075	18”	2½”
31080	24”	3”
31085	36”	5”

ALUMINUM END PIPE WRENCHES

•Ideal for jobs in close quarters and overhead applications •Designed for easy access in close parallel lines •40% lighter than heavy duty wrenches

PART NO.	SIZE	PIPE CAPACITY
90117	14”	2”
90122	18”	2½”
90127	24”	3”

HEAVY DUTY OFFSET PIPE WRENCHES

•Features a jaw opening parallel to the handle and a narrower hook jaw head •Provides easy entry into tight spots

PART NO.	SIZE	PIPE CAPACITY
89435	14”	2”
89440	18”	2½”
89445	24”	3”

ALUMINUM OFFSET PIPE WRENCHES

•Features a jaw opening parallel to the handle and a narrower hook jaw head •Provides easy entry into tight spots

PART NO.	SIZE	PIPE CAPACITY
31120	14”	2”
31125	18”	2½”
31130	24”	3”

COMPOUND LEVERAGE WRENCH

•A unique design multiplies the turning force applied to a pipe •Ideal for freeing locked couplings and joints frozen by age or damage •Replaceable jaws are hardened alloy steel

PART NO.	PIPE CAPACITY
31390	8”

CHAIN WRENCHES

•Gives action-grip in extra close quarters on round, square, and irregular shapes •Fast, ratchet-like action lets you work from either side •Tempered steel chain locks securely, releases quickly •Light duty model (*) has one-piece forged alloy steel handle and jaw •Grab ring provides quick and easy locking and releasing

PART NO.	RATED PIPE CAPACITY	ACTUAL O.D. CAPACITY
31310*	2”	4”
31315	2”	5”
31320	2½”	5”
31325	3”	5”
31330	4½”	7½”

Part No. 32570, Replacement chain for #31325.
Part No. 32605, Replacement chain for #31330.

ALUMINUM RAPIDGRIP

•35% lighter than heavy duty models •Ideal for overhead applications •Quick one handed operation makes your jobs move faster •The spring loaded jaw design provides rapid ratcheting action •Unique combination heel/hook jaw design aggressively bites the work piece and ensures a secure grip

PART NO.	SIZE	PIPE CAPACITY	FITTINGS CAPACITY
12693	14”	2”	1½”
12698	18”	3”	2½”

STRAP WRENCHES

•For use on polished pipe and tubing •Made with strong I-beam handle and solid head, all in one piece •Straps easily replaced

PART NO.	STRAP LENGTH	PIPE CAPACITY	TUBE CAPACITY	STRAP WIDTH
31355*	17”	2”	3½”	1-1/16”
31340	17”	2”	3½”	1-1/8”
31345	30”	2”	5½”	1-1/8”
31360	29¼”	5”	7”	1¾”

*Strap designed for use with plastic pipe

RIDGID

Replacement straps:
Part No. 32015, 17” length, 1-1/8” wide.
Part No. 32025, 30” length, 1-1/8” wide.
Part No. 32035, 17” length, 1-1/16” wide.
Part No. 32050, 29¼” length, 1¾” wide.

Wrenches

DOUBLE END CHAIN TONGS

•Designed and sized to provide extra leverage for the toughest jobs •Features double end jaw styles which can be reversed

PART NO.	CHAIN LENGTH	PIPE CAPACITY
92675	32”	1 - 6”
92680	40½”	1½ - 8”

OFFSET HEX WRENCH

•Hex jaw design gives multi-sided, secure grip on all hex nuts, square nuts, unions and valve packing nuts •The extra wide opening offset model is ideal for securing drain nuts on sinks and tubs •Thin, smooth jaws slip into the tightest places

PART NO.	SIZE	PIPE CAPACITY
31305	9-1/2”	1-1/8”-2-5/8”

INTERNAL WRENCH

•Holds closet spuds and bath, basin and sink strainers through 2” •Use to install or extract 1” through 2” nipples •Jaws expand by eccentric action and are reversible for various sizes

PART NO.	SIZE	PIPE CAPACITY
31405	4½”	1-2”

TELESCOPING BASIN WRENCHES

•Spring loaded jaws of forged alloy steel provide fast, one hand ratcheting •Tension plug holds head in any position up to 90° angle •Telescopic shank quickly adjusts for lengths from 10” to 17”

PART NO.	SIZE	PIPE CAPACITY
31175	10-17”	3/8”-1¼”
31180	10-17”	1¼” - 2½”

SPUD WRENCH

•12” Spud Wrench features narrow jaws to fit into tight places •Smooth, toothless jaws ideal for square or rectangular stock

PART NO.	SIZE	PIPE CAPACITY
31400	12”	3/8”-2-5/8”

PLASTIC NUT BASIN WRENCH

•Designed to reach and turn plastic mounting nuts on faucets, sprayers and ballcocks

PART NO.	SIZE
66807	11”

PIPE WRENCH PARTS

PART NO.	DESCRIPTION
31595	8” wrench knurl
31585	8” wrench heel jaw and pin assembly
31580	8” wrench hook jaw
31605	10” wrench hook jaw
31610	10” wrench heel jaw and pin assembly
31615	10” wrench knurl
31630	12” wrench hook jaw
31635	12” and 14” wrench heel jaw and pin assembly
31645	12” wrench knurl
31655	14” wrench hook jaw
31665	14” wrench knurl
31670	18” wrench hook jaw
31675	18” wrench heel jaw and pin assembly
31685	18” wrench knurl
31695	24” wrench hook jaw
31700	24” wrench heel jaw and pin assembly
31710	24” wrench knurl
31720	36” wrench hook jaw
31725	36” wrench heel jaw and pin assembly
31730	36” wrench coil and flat spring assembly
31735	36” wrench knurl
31745	48” wrench hook jaw
31750	48” wrench heel jaw and pin assembly
31755	48” wrench coil and flat spring assembly
31760	48” wrench knurl
31770	60” wrench hook jaw
31785	60” wrench knurl
31775	60” wrench heel jaw and pin assembly
31780	60” wrench coil and flat spring assembly

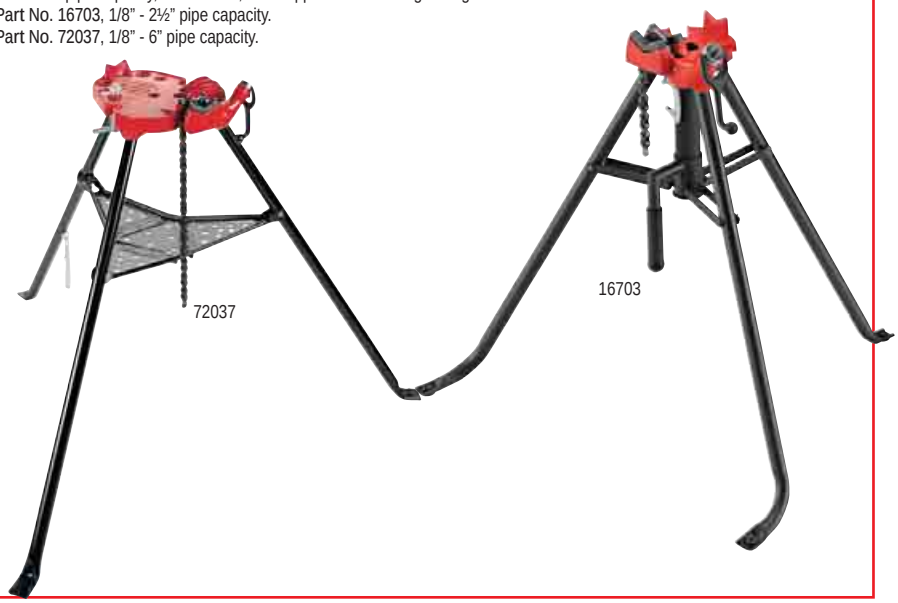
Pipe Vises & Supports

PORTABLE TRI-STAND® CHAIN VISE

•Integral legs and tray fold in for easy carrying and setup •Large vise base overhangs front legs for clear tool swing •Complete with slots for hanging tools, pipe rest, three pipe benders, and ceiling brace screw •Features a larger work surface for increased pipe capacity, 6” diameter, rear support and receding ceiling brace screw

Part No. 16703, 1/8” - 2½” pipe capacity.

Part No. 72037, 1/8” - 6” pipe capacity.



RIDGID

NEW!!

TOP SCREW BENCH CHAIN VISES

•Crank handle is anchored to base •Rugged cast iron base has handy pipe rest and bender •Toothless jaws are neoprene coated to prevent scoring of pipe.

PART NO.	PIPE CAPACITY
40185	1/8 - 2½"
40195	1/8 - 4"
40205	1/8 - 5"
40210	1/4 - 6"
40215	1/2 - 8"

REPLACEMENT PARTS:

REPLACEMENT PART	PART NO. FOR MODEL #40195	PART NO. FOR MODEL #40205	PART NO. FOR MODEL #40210	PART NO. FOR MODEL #40215
Chain Assembly	41055	72092	41130	41155
Jaw Screw w/ Washer (2)	32457	32457	41090	41145
Handle Assembly	41050	41050	41125	41125
Handle	41015	41015	41080	41080
Swivel Nut Assembly	41060	41060	41135	41135
Friction Ring	41025	41025	41100	41100
Chain Screw	41065	41065	41095	41095

BENCH YOKE VISES

•Yoke and base made of strong, dependable iron •Hardened alloy steel jaws and convenient pipe rest and bender

PART NO.	PIPE CAPACITY
40100	1-1/8 - 4"
40110	1/8 - 6"

ADJUSTABLE PIPE SUPPORTS

•6" maximum pipe capacity •2500 lbs. maximum weight capacity

PART NO.	HEIGHT ADJUSTMENT
42505	23 - 33"
42510	32 - 41"

42505

42510

V HEAD HIGH PIPE STAND

•Heavy duty adjustable pipe stand •Suitable for use with threading machines, roll groovers, etc. •Height adjustment 28 - 52" •12" maximum pipe capacity •2500 lbs. maximum weight capacity

Part No. 56662.

ROLLER HEAD HIGH PIPE STAND

•Heavy duty adjustable pipe stand •Suitable for use with threading machines, roll groovers, etc. •Height adjustment 32 - 55" •12" maximum pipe capacity •2500 lbs. maximum weight capacity

Part No. 56672.

RIDGID

Pipe/ Tube Cutting & Preparation

HEAVY DUTY PIPE CUTTERS

•For fast, clean pipe cutting by hand •Extra long shank protects adjustment threads, while an extra large handle is provided for quick, easy adjustment

Part No. 32810, 1/8 - 1¼" pipe capacity

Part No. 32820, 1/8 - 2" pipe capacity

Part No. 32840, 2 - 4" pipe capacity

Part No. 32850, 4 - 6" pipe capacity

4-WHEEL PIPE CUTTER

•Designed for work in areas where a complete turn is impossible •Has a short handle for use in areas where only a 130° turn can be made •Equipped with four heavy duty wheels

Part No. 32870, 3/4 - 2" pipe capacity

WIDE-ROLL PIPE CUTTER

•Features extra wide rolls, this cutter is especially designed for use with power drives •The wide rolls provide for true tracking and cleaner cuts

Part No. 32895, 1/8 - 2" pipe capacity

HINGED PIPE CUTTER

•Designed for rapid cutting of heavy wall steel pipe •Operates with minimal cutter rotation as necessary for tight quarters
Part No. 83080, 4 - 6" pipe capacity
Part No. 83145, 6 - 8" pipe capacity
Part No. 83165, 8 - 12" pipe capacity

SOIL PIPE CUTTER

•Cuts 1½" - 6" clay, cast iron or cement pipe and 4" class 22 water main •Ratchet action handle parallel to pipe allows for application in minimum width trenches •Complete with hand guard to protect operator's knuckles when cutting
Part No. 32900.
Part No. 34575, Optional chain as shown in photo expands capacity up to 8".

TORQUE WRENCH

•Preset to eliminate guesswork in No Hub soil pipe installations
•Assures proper coupling tightness for strong, leak free joints
•The 5/16" drive tightens with a fast ratchet action until the wrench clicks for accurate 60 inch-pounds torque
Part No. 31410.

LONG LIFE CUTTER WHEELS

CUTTER WHEELS PART NO.	BLADE EXP.	APPLICATION/ MATERIAL	PIPE CUTTERS 32810	32820	32840	32850	32870	32895	83080	83145	83165
44185	.450	Steel Pipe & Ductile Iron					#	#			
44190	.450	Stainless Steel Pipe					#	#			
33105	.312	Steel Pipe & Ductile Iron	#	#			•	#			
33110	.312	Stainless Steel Pipe	#	#			#	#			
33125	.411	Steel Pipe & Ductile Iron			#				•	•	•
33130	.411	Stainless Steel Pipe			#				#	#	#
33145	.470	Steel Pipe & Ductile Iron				•					
33150	.470	Stainless Steel Pipe				#					
33100	.312	Steel Pipe & Ductile Iron	•	•			#	•			
33120	.411	Steel Pipe & Ductile Iron			•				#	#	#

• Denotes Cutter Wheels furnished with original product
# Denotes alternate Cutter Wheel

RIDGID®

PIPE REAMERS

Part No. 34955, Spiral Ratchet Reamer - Self feeding spiral design for extra fast and easy hand reaming (not suitable for power drive reaming). ¼ - 2" capacity.

Part No. 34945, Straight Ratchet Reamer - Long taper design will not dig in. Suitable for use with power drivers. 1/8 - 2" capacity.

Part No. 34960, Spiral Ratchet Reamer - Hollow centre reduces weight. Large pressure plate. Hardened alloy steel cone removable for sharpening. 2½ - 4" capacity. Note: All reamers include handle.

PIPE EXTRACTORS

•Pipe extractors make easy work of removing broken threaded ends of pipe, pipe plugs and fittings •Each is plainly marked showing drill size used when solid ends of plugs and fittings must be drilled to receive extractor.

PART NO.	PIPE SIZE	OVERALL LENGTH	USE DRILL
35605	3/8"	2-3/4"	1/2"
35610	1/2"	3"	5/8"
35615	3/4"	3-1/4"	1-3/16"
35620	1"	3-1/2"	1-1/16"

CLOSE QUARTERS TUBING CUTTERS

•Specifically designed for use in restricted spaces on small diameter, hard and soft copper, aluminum, brass and plastic tubing; rollers include grooves for close to flare cuts •Strong lightweight slide and wheel housing, large knurled feed screw knob gives easy control of cutting pressure for clean cuts •Part Nos. 97787, 86127 include a self feeding cutter wheel that automatically cuts after tightening the knob only once •Part No. 97787 features a special knob for easier tightening of the feedscrew

PART NO.	PIPE CAPACITY
40617*	1/4 - 1-1/8"
32975	1/8 - 5/8"
32985	3/16 - 15/16"
97787	3/16 - 15/16"
86127*	1/4 - 1-1/8"

*Includes spare cutter wheel in knob.

97787

86127

CONSTANT SWING CUTTER

•Telescoping feed screw design keeps the cutter at the same length regardless of tubing diameter - good for tight spaces •Features an enclosed feed screw to eliminate clogging and jamming, grooved rollers for close to flare cuts, and a fold away reamer •Includes X-CEL™ knob and X-CEL Pin for quicker cutting and wheel replacement •Made from high strength zinc alloy •Spare cutter wheel included in the knob •Cuts copper, brass, and aluminum tubing and thin wall conduit.

Part No. 31622, 1/8 - 1-1/8" capacity.

ENCLOSED FEED CUTTER

•Cuts copper, brass and aluminum tubing and thin wall conduit •Enclosed feed cutter has a quick acting mechanism for faster size adjustments •Spare cutter wheel

Part No. 33055, 1/4 - 2-3/8" capacity.

TUBING & CONDUIT CUTTERS

•Clean, square cuts are easily made on copper, brass, aluminum and thin wall conduit •Includes X-CEL™ knob for quicker cutting •Spare wheel included in knob •Part Nos. 32910, 32915, 32920, 32925, 32930, 32935 feature a convenient fold away reamer •Part No. 32940 is rated for larger diameter steel and stainless steel tubing •Part No. 97212 is especially designed for stainless steel tubing. Includes special roller bearings and cutter wheel to make stainless cutting easier.

PART NO.	DESCRIPTION	PIPE CAPACITY
32910	Screw Feed Cutter	1/8 - 1"
32915	Above w/H-D Wheel	1/8 - 1"
32920	Screw Feed Cutter	3/16 - 1-1/8"
32925	Above w/H-D Wheel	3/16 - 1-1/8"
32930	Screw Feed Cutter	5/8 - 2-1/8"
32935	Above w/H-D Wheel	5/8 - 2-1/8"
32940	Screw Feed Cutter	1 - 3-1/8"
97212	Stainless Steel Cutter	3/16 - 1-1/8"

QUICK ACTING TUBING CUTTERS

•Feature a quick acting design, I-beam construction, hardened wear surfaces and thrust bearing slide assemblies for smooth operation •These cutters are available for plastic pipe or metallic tubing •Includes X-CEL™ knob and X-CEL pin for quicker cutting and wheel replacement •Spare wheel included in knob •Part Nos. 31632, 31637, 31642, 31647 feature a convenient fold away reamer •Plastic cutters include spare cutting wheels for cutting copper.

PART NO.	DESCRIPTION	PIPE CAPACITY
31632	Quick Acting Cutter	1/4 - 1-5/8"
31637	Above w/Wheel for Plastic	1/8 - 1-1/4"*
31642	Quick Acting Cutter	1/4 - 2-5/8"
31647	Above w/Wheel for Plastic	1/4 - 2"*
31652	Quick Acting Cutter	1-7/8 - 4-1/2"
31657	Above w/Wheel for Plastic	1-1/2 - 4"*
31662	Quick Acting Cutter	4 - 6-5/8"
31667	Above w/Wheel for Plastic	4 - 6"*

*Nominal plastic pipe size

INNER-OUTER REAMER

•Handy for quick, clean and easy I.D. reaming and O.D. beveling of ¼" through 1½" nominal water tube •Plastic construction with long wearing alloy steel blades •Gives fast professional reaming on copper, aluminum, brass and other types of tubing

Part No. 34965.

INTERNAL TUBING CUTTERS

•For trimming tubing below floor level for shower/floor drain installations, or above the ceiling for sprinkler head installations •Features hardened steel rollers and cutter wheels

Part No. 83240, Internal cutter, 1¼ - 2" nominal capacity, ¼ - 1¾" depth.

Part No. 83290, 2-Handle internal cutter, 2½ - 4" nominal capacity, ¼ - 2-1/8" depth.

PLASTIC PIPE RATCHET CUTTER

•Designed for quick, clean cuts through plastic pipe and tube •Feature compound leverage ratchet mechanisms and hardened steel blades •Do not use to cut plastic coated metallic tubing or pipe

Part No. 12831, 1/8 - 2-3/8" O.D. capacity.

Part No. 22086, Replacement blade.

LONG LIFE CUTTER WHEELS

CUTTER WHEELS PART NO.	BLADE EXP.	APPLICATION/ MATERIAL	TUBING CUTTERS																					
			32910	32920	97212	32930	32940	40617	86127	32975	32985	97787	31622	83240	83290	31632	31637	31642	31647	31652	31657	31662	31667	33055	93492
33165	.162	Steel - Stainless Steel	#	#		#																			
33175	.292	Steel Tubing					#													#		#			
33170	.220	Aluminum & Copper					•							•	•					•		•			
33185	.149	Aluminum & Copper						•	•	•	•	•	•			•		•						•	
33190	.162	Steel - Stainless Steel														#		#						#	
33195	.290	PVC, ABS, Std. Wall															#		#						
33180	.412	PVC, ABS, Std. Wall												#							#		#		
33160	.149	Aluminum & Copper	•	•		•																			
96397	.120	Stainless Steel			•																				
33551	.292	Stainless Steel																							#

• Denotes Cutter Wheels furnished with original product
# Denotes alternate Cutter Wheel

EXPOSED RATCHET THREADER SETS

•Matched threader sets include die heads, ratchet assembly, ratchet handle and alloy dies •Threader sets use same 12-R dies in die head.
Part No. 36345, NPT, Model 00-R, ½ - 1" capacity.
Part No. 36475, NPT, Model 12-R, ½ - 2" capacity.
Part No. 38605, Case for Model 00-R.
Part No. 38625, Case for Model 12-R.

(Case sold separately.)

MANUAL RECEDING THREADER

•True threads, fast and easy on 1", 1¼", 1½", and 2" pipe with one set of high speed dies that stays in threader. Jam-proof drive pawl kicks out when thread is cut. Cam type workholder set to pipe size instantly. Right hand tool only. Furnished complete with one set of dies and cam-type workholder.
Part No. 36570.

Replacement receding threader die 1" through 2"-11½ TPI National Pipe Taper (high speed).
Part No. 38100.

RECEDING GEARED THREADER

•Threads 2½", 3", 3½", 4" pipe with one set of dies •Jaw clutch prevents jamming •Simple adjustment for tapered or straight threads •Cam-type workholder sets instantly •Fully enclosed gearing •Right hand only
Part No. 36620.

Replacement receding threader die high speed RH NPT die, 2½" through 4", 8 TPI.
Part No. 38120.

Drive bar for use with receding geared threader.
Part No. 42405.

RATCHET & HANDLE ONLY

•Ratchet knob indicates forward and reverse •Die heads snap in from both sides and lock in place.
Part No. 38540, Model 00-R.
Part No. 38555, Model 12-R.

PIPE DIES

Alloy RH, NPT, For models 12-R and 00-R:
Part No. 37810, 1/8 -27 nominal pipe size.
Part No. 37815, ¼ -18 nominal pipe size.
Part No. 37820, 3/8 -18 nominal pipe size.
Part No. 37825, ½ -14 nominal pipe size.
Part No. 37830, ¾ -14 nominal pipe size.
Part No. 37835, 1 -11½ nominal pipe size.
Part No. 37840, 1¼ -11½ nominal pipe size.
Part No. 37845, 1½ - 11½ nominal pipe size.
Part No. 37850, 2 -11½ nominal pipe size.

DIE HEADS

• North American standards
Alloy RH, NPT, Model 00-R:
Part No. 36875, 1/8" nominal pipe size.
Part No. 36880, 1/4" nominal pipe size.
Part No. 36885, 3/8" nominal pipe size.
Part No. 36890, 1/2" nominal pipe size.
Part No. 36895, 3/4" nominal pipe size.
Part No. 36900, 1" nominal pipe size.

Alloy RH, NPT, Model 12-R:
Part No. 37385, 3/8" nominal pipe size.
Part No. 37390, 1/2" nominal pipe size.
Part No. 37395, 3/4" nominal pipe size.
Part No. 37400, 1" nominal pipe size.
Part No. 37405, 1-1/4" nominal pipe size.
Part No. 37410, 1-1/2" nominal pipe size.
Part No. 37415, 2" nominal pipe size.

THREAD CUTTING OIL

•Cools threads and pipe during operation •Speeds metal removal •Improves thread quality
Ridgid thread cutting oils are free of chlorine and other halogens, PCBs and heavy metals. Dark Oil — Traditional mineral oil with low odour and anti-mist formulation. Nu-Clear® Oil — Clear mineral oil with low odour and anti-mist formulation. Special low temperature properties maintain workable viscosity to -29°C. Extreme Performance Oil — High performance mineral oil formulated to produce superior quality threads on stainless steel and black pipe.
Part No. 70830, 1 gallon, DARK.
Part No. 41600, 5 gallon, DARK.
Part No. 70835, 1 gallon, NU-CLEAR.
Part No. 41575, 5 gallon, NU-CLEAR.
Part No. 74012, 1 gallon, EXTREME PERFORMANCE.

Part No. 10883, Hand operated oiler.

RIDGID

SCREW & PIPE EXTRACTOR SET

Contains one each of screw extractors nos. 1 to 8 inclusive (nos. 1 to 5 extractors with turnuts)[1 (¼"), 2 (5/16"), 3 (3/8"), 4 (7/16"), 5 (½" - 9/16")]; drill nos. 1 to 8 inclusive, and one no. 36; and complete set of drill guides and bushings. Maximum depth extractor range 1" to 3". Pipe extractors nos. 80 to 85 also included. These precision tools are packed in a fitted compartment box. Screw ¼" to 1" capacity; pipe 1/8" to 1" capacity.
Part No. 35590.

SCREW EXTRACTOR SET

Contains 20 precision tools — one each of extractor nos. 1 to 5 inclusive with turnuts, [1 (¼"), 2 (5/16"), 3 (3/8"), 4 (7/16"), 5 (½" - 9/16")] drill nos. 1 to 5 inclusive, and drill guides nos. 921 to 1821 inclusive. Pre-formed plastic box provides convenient storage. ¼" to ½" capacity.
Part No. 35585.

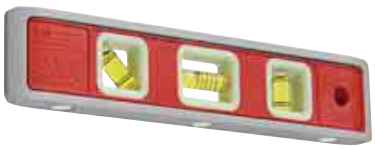
SCREW EXTRACTOR SET

Includes nos. 1 (¼"), 2 (5/16"), 3 (3/8"), 4 (7/16"), 5 (½" - 9/16").
Part No. 35580.

Replacement Extractors
Part No. 35535, #1, ¼".
Part No. 35540, #2, 5/16".
Part No. 35545, #3, 3/8".
Part No. 35550, #4, 7/16.
Part No. 35555, #5, ½-9/16.

NIGHTSHADE TORPEDO LEVEL

Ideal for general use and work in tight places. Glow in the dark vial frames for dark areas. Three vials for plumb, level, and 45° miter. 3 strong rare earth magnets. V-grooved edge for pipe and conduit work. 9" long.
Part No. 20233.



BOLT CUTTERS

•Hardened alloy steel jaws are designed and manufactured to assure the longest possible blade life •One-step internal cam mechanism provides the quickest and simplest way to keep the cutting blades precisely aligned •Handles and grips designed to allow greater mechanical advantage for crisp, controlled cutting •Centre cut

PART NO.	OVERALL LENGTH	REPLACEMENT HEAD
14213	15"	18363
14218	19"	18368
14223	26"	18373
14228	31"	18378
14233	38"	18383
14238	44"	18388

Bending & Forming

LEVER BENDERS

•Designed to bend copper tubing to a maximum of 180° •Offset cushion grip handles and a 90° start angle, together with a specially engineered plastic shoe, combine to ease bending effort •These lever benders form smooth bends in types K & L soft (annealed) copper tubing

PART NO.	TUBE SIZE CAPACITY (ACTUAL O.D.)	BEND RADIUS
36972	¾"	2-7/8"
36962*	16 mm	56 mm

*Dual purpose, being both inch and metric.

LEVER INSTRUMENT BENDERS

•Combine accuracy with easy operation •Offset cushion grip handles eliminate knuckle cracking when forming 180° bends •A 90° start angle and unique oil-absorbing shoe minimize bending effort while forming accurate bends in copper, steel, and stainless steel tubing

PART NO.	TUBE SIZE CAPACITY (ACTUAL O.D.)	BEND RADIUS
36122	¼"	5/8"
36097	3/8"	5/16"
36132	½"	1½"

HEAVY DUTY LEVER INSTRUMENT BENDERS

•Specially designed for bending stainless steel, titanium and other types of hard tubing •A unique two-stage handle design and rollers in the bending handle combine to produce high quality bends with significantly less effort than with conventional benders

PART NO.	CAPACITY	BEND RADIUS
51912	3/8"	15/16"
51917	½"	1½"

RIDGID

Bending, Forming, & Pressing

GEARED RATCHET TUBE BENDERS

•High geared mechanical ratios, bend heavy wall steel tube (up to 1/8" wall thickness), stainless steel tube (up to 3/32" wall thickness) and hard copper water tube (types K and L) •Benders produce uniform bends up to 180°, with no need to anneal tubing or use special temper grade tubing •Reduce bending effort to a minimum

PART NO.	RADIUS TO CENTRE OF TUBE	TUBE O.D.
35170	3"	5/8"
35175	3¾"	¾"
35180	3¾"	7/8"

RATCHET FLARING TOOL

•This precision tool provides smooth, uniform flares with minimum effort •The new ratcheting feed screw handle turns easily and requires less motion and effort than a standard handle •Hardened steel flaring cone, eccentrically mounted in needle bearings, produces rolling action for even metal flow, giving uniform flare walls without galling •Recommended for soft materials such as aluminum and soft copper as well as steel, stainless steel, hard copper and brass

PART NO.	DESCRIPTION	SIZES (inches)
83037	45° SAE flares	1/8, 3/16, ¼, 5/16, 3/8, ½, 5/8, ¾
41162	37° SAE flares	3/16, ¼, 5/16, 3/8, ½, 5/8, ¾
41285	37° SAE flares	½, 5/8, ¾, 7/8, 1

FLARING TOOL

•A precision designed tool for producing 45° flares in soft copper, brass, aluminum and mild steel (JIC and Bundy) tubing •A hardened, smooth cone provides fast, 45° flares either single lap •A single clamp screw provides for easy clamping and removal of tubing

PART NO.	DESCRIPTION	SIZES (inches)
23332	45° SAE flares	3/16, ¼, 5/16, 3/8, 7/16, ½, 5/8

ASTM F 1807 PEX CRIMP TOOLS

The Ridgid PEX crimp tools are ideal for making PEX tubing connections in potable water and radiant heating applications with ASTM F 1807 copper crimp rings. The handles are constructed of a durable, glass-filled polycarbonate making the tools over 20% lighter than traditional style crimp tools, yet rugged enough for the toughest jobs. The E3 (Expert Engineered Ergonomics™) handles also provide increased comfort and make crimping effortless. •Compact tool length for access to tight spaces •Lightweight, durable design •Easily adjustable lock screw for tool calibration •All tools come standard with a go/no-go gauge

Part No. 23448, ½" PEX crimp tool, 14¼" length.
Part No. 23458, ¾" PEX crimp tool, 14¾" length.
Part No. 23463, 1" PEX crimp tool, 15¼" length.

RIDGID®

BALLDRIVER® L-WRENCH SINGLES

•Balldriver® L-Wrenches save time with the ballpoint on the long blade to reach remote and blind locations. The short arm allows high torque and features a precision tip that permits unobstructed screw entry every time. All tools feature a black finish.

INCH SINGLES

PART NO.	BLADE SIZE
10902	.050”
10903	1/16”
10904	5/64”
10905	3/32”
10906	7/64”
10907	1/8”
10908	9/64”
10909	5/32”
10910	3/16”
10911	7/32”
10912	1/4”
10913	5/16”
10914	3/8”

METRIC SINGLES

PART NO.	BLADE SIZE
10949	1.27 mm
10950	1.5 mm
10952	2 mm
10954	2.5 mm
10956	3 mm
10958	3.5 mm
10960	4 mm
10962	4.5 mm
10964	5 mm
10966	5.5 mm
10968	6 mm
10970	7 mm
10972	8 mm
10974	9 mm
10976	10 mm

BALLDRIVER® L-WRENCH SETS

•Ideal where a variety of tool sizes are required. All sets are packaged in a patented Bondhex™ tool case. Wrenches slip easily into individually marked slots and twist to lock securely in place.

PART NO.	SET DESCRIPTION
10937	13 pc. Fractional Set Includes: .050”, 1/16”, 5/64”, 3/32”, 7/64”, 1/8”, 9/64”, 5/32”, 3/16”, 7/32”, 1/4”, 5/16”, 3/8”
10999	9 pc. Metric Set Includes: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm
10995	15 pc. Metric Set Includes: 1.27 mm, 1.5 mm, 2 mm, 2.5 mm, 3 mm, 3.5 mm, 4 mm, 4.5 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm
20199	Double L-Wrench Set Includes #10937 and #10999

BALLSTAR™ L-WRENCH SINGLES

PART NO.	BLADE SIZE
11706	T-6
11707	T-7
11708	T-8
11709	T-9
11710	T-10
11715	T-15
11720	T-20
11725	T-25
11727	T-27
11730	T-30
11740	T-40
11745	T-45
11750	T-50
11755	T-55

BALLSTAR™ L-WRENCH SETS

•BallStar™ tools for star recessed screws require only one insertion, are quick fastening from an angle and offer easy access to blind locations. All tools feature a black finish.

PART NO.	SET DESCRIPTION
11332	8 pc. set includes: T9, T10, T15, T20, T25, T27, T30, T40
11346	6 pc. set includes: T6, T7, T8, T9, T10, T15

SINGLES — INCH HEX LONG

PART NO.	BLADE SIZE
12102	.050”
12103	1/16”
12104	5/64”
12105	3/32”
12106	7/64”
12107	1/8”
12108	9/64”
12109	5/32”
12110	3/16”
12111	7/32”
12112	1/4”
12113	5/16”
12114	3/8”

SINGLES — INCH HEX SHORT

PART NO.	BLADE SIZE
12202	.050”
12203	1/16”
12204	5/64”
12205	3/32”
12206	7/64”
12207	1/8”
12208	9/64”
12209	5/32”
12210	3/16”
12211	7/32”
12212	1/4”
12213	5/16”
12214	3/8”

HEX L-WRENCH SETS — FRACTIONAL

PART NO.	SET DESCRIPTION
12137	13 pc. Fractional Regular Length Hex L-Wrench Set Includes: .050”, 1/16”, 5/64”, 3/32”, 7/64”, 1/8”, 9/64”, 5/32”, 3/16”, 7/32”, 1/4”, 5/16”, 3/8”. Black finish.
12237	13 pc. Fractional Short Length Hex L-Wrench Set Includes: .050”, 1/16”, 5/64”, 3/32”, 7/64”, 1/8”, 9/64”, 5/32”, 3/16”, 7/32”, 1/4”, 5/16”, 3/8”. Black finish.

Hex Tools

HEX L-WRENCH SETS — METRIC

PART NO.	SET DESCRIPTION
12199	9 pc. Metric Regular Length Hex L-Wrench Set Includes: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm. Black finish.
12299	9 pc. Metric Short Length Hex L-Wrench Set Includes: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm. Black finish.

SINGLES — METRIC HEX LONG

PART NO.	BLADE SIZE
12150	1.5 mm
12152	2 mm
12154	2.5 mm
12156	3 mm
12158	3.5 mm
12160	4 mm
12162	4.5 mm
12164	5 mm
12166	5.5 mm
12168	6 mm
12170	7 mm
12172	8 mm
12174	9 mm
12176	10 mm

SINGLES — METRIC HEX SHORT

PART NO.	BLADE SIZE
12250	1.5 mm
12252	2 mm
12254	2.5 mm
12256	3 mm
12258	3.5 mm
12260	4 mm
12262	4.5 mm
12264	5 mm
12266	5.5 mm
12268	6 mm
12270	7 mm
12272	8 mm
12274	9 mm
12276	10 mm

BALLDRIVER® T-HANDLE HEX TOOL SETS

•Balldriver® T-handles are built to last with Protanium™ High Torque Steel. They feature welded steel handles with cushion grips sized for maximum torque while protecting ballpoint and screw from rounding or stripping.

PART NO.	SET DESCRIPTION
13146	6 pc. set includes: 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
13148	5 pc. set includes: 4 mm, 5 mm, 6 mm, 8 mm, 10 mm

SINGLES — INCH BALLPOINT SERIES

PART NO.	SIZE	BLADE LENGTH (inches)
13109	5/32"	9.1
13110	3/16"	9.8
13111	7/32"	10.3
13112	1/4"	10.8
13113	5/16"	11.4
13114	3/8"	11.8

SINGLES — METRIC BALLPOINT SERIES

PART NO.	SIZE	BLADE LENGTH (inches)
13160	4 mm	8.7
13164	5 mm	9.7
13168	6 mm	10.5
13172	8 mm	11.2
13176	10 mm	12.1

STANDARD T-HANDLE HEX TOOL SETS

•Each hex tool provides for long reach with its Protanium™ steel blade. Sizes are clearly marked on each colour-coded handle.

PART NO.	SET DESCRIPTION
13390	10 pc. set includes: 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"; stand
13389	8 pc. set includes: 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm; stand

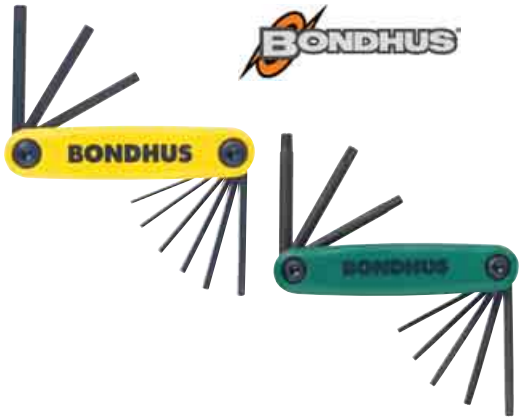
SINGLES — INCH STANDARD HEX SERIES

PART NO.	SIZE	BLADE LENGTH (inches)
13305	3/32"	4.2
13306	7/64"	4.4
13307	1/8"	4.6
13308	9/64"	4.9
13309	5/32"	5.2
13310	3/16"	5.6
13311	7/32"	6.1
13312	1/4"	6.5
13313	5/16"	7.4
13314	3/8"	8.3

SINGLES — METRIC STANDARD HEX SERIES

PART NO.	SIZE	BLADE LENGTH (inches)
13352	2 mm	4
13354	2.5 mm	4.3
13356	3 mm	4.7
13360	4 mm	5.3
13364	5 mm	5.9
13368	6 mm	6.8
13372	8 mm	7.9
13376	10 mm	9.1

BONDHUS
Hex Tools



GORILLAGRIP® FOLD-UP SETS — THE WORLD'S STRONGEST

•Fold-up key sets are compact, fitting easily into pockets or toolboxes. The handles are colour-coded for easy identification. Tool assortments are aimed at making any type of job easier. Precision tips eliminate cut-off burrs and the comfortable handle provides sturdy grip. Protanium™ steel is 20% stronger with more torque and twice the wear of the competitors' tools. Proguard™ dry finish is environmentally safe, provides better tool grip, resists solvents and is 5 times more corrosion resistant. All tools feature a black finish (aside from the colour-coded handles).

PART NO.	SET TYPE	SET DESCRIPTION
12585	5 pc. Inch GorillaGrip®	Includes: 3/16", 7/32", 1/4", 5/16", 3/8"
12589	9 pc. Inch GorillaGrip®	Includes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"
12587	7 pc. Metric GorillaGrip®	Includes: 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm
12595	6 pc. Metric GorillaGrip®	Includes: 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm
12632	8 pc. Star Recessed GorillaGrip®	Includes: T6, T7, T8, T9, T10, T15, T20, T25
12634	8 pc. Star Recessed GorillaGrip®	Includes: T9, T10, T15, T20, T25, T27, T30, T40

HANSON®
Bolt Extractors

Hanson bolt extractors work, when everything else fails. They are ideal for removing rusted and rounded off nuts and bolts. The left hand spiral flutes will tightly grip the damaged fasteners (metric or standard) for quick and easy removal. Because they have both a square drive and hexagonal flats, these bolt extractors can be used with socket wrenches, flat wrenches or impact wrenches. Individual sizes as well as combination sets are available.

BOLT EXTRACTORS WITH 3/8" DRIVE

Part No. 53901, 1/4" extractor.
Part No. 53902, 5/16" - 8 mm extractor.
Part No. 53903, 3/8" extractor.
Part No. 53904, 10 mm extractor.
Part No. 53905, 7/16" - 11 mm extractor.
Part No. 53906, 12 mm extractor.
Part No. 53907, 1/2" extractor.
Part No. 53908, 13 mm extractor.
Part No. 53909, 9/16" - 14 mm extractor.
Part No. 53910, 5/8" - 16 mm extractor.
Part No. 53911, 17 mm extractor.
Part No. 53912, 11/16" extractor.
Part No. 53913, 3/4" - 19 mm extractor.

BOLT EXTRACTORS WITH 1/2" DRIVE

Part No. 53914, 3/4" - 19 mm extractor.
Part No. 53915, 13/16" - 21 mm extractor.
Part No. 53916, 7/8" - 22 mm extractor.
Part No. 53917, 15/16" - 24 mm extractor.
Part No. 53918, 1" extractor.

BOLT EXTRACTOR SET

9 piece Extractor Set. 1/4" - 3/4" w/ 3/8" drive.
Part No. 54009.

BOLT EXTRACTOR SET

9 piece Extractor Set. 8 mm - 19 mm w/ 3/8" drive.
Part No. 54019.

BOLT EXTRACTOR SET

5 piece Extractor Set. 3/4" - 1" w/ 1/2" drive.
Part No. 54125.

DOCAP
Socket Screw/Hex Keys

Bare Metal, Alloy Steel

SOCKET SCREW/HEX KEYS - Fractional, Short Arm

PART NO.	SIZE
244-001	.028"
244-002	.035"
244-003	.050"
244-005	5/64"
244-006	3/32"
244-007	7/64"
244-008	1/8"
244-009	9/64"
244-010	5/32"
244-011	3/16"
244-012	7/32"
244-013	1/4"
244-014	5/16"
244-015	3/8"
244-016	7/16"
244-017	1/2"
244-018	9/16"
244-019	5/8"
244-020	3/4"
244-021	7/8"
244-022	1"

SOCKET SCREW/HEX KEYS - Fractional, Long Arm

PART NO.	SIZE
245-004	1/16"
245-005	5/64"
245-006	3/32"
245-007	7/64"
245-008	1/8"
245-009	9/64"
245-010	5/32"
245-011	3/16"
245-012	7/32"
245-013	1/4"
245-014	5/16"
245-015	3/8"
245-016	7/16"
245-017	1/2"
245-018	9/16"
245-019	5/8"
245-020	3/4"
245-021	7/8"

SOCKET SCREW/HEX KEYS - Metric, Short Arm

PART NO.	SIZE
234-015	1.5 mm
234-020	2 mm
234-025	2.5 mm
234-030	3 mm
234-040	4 mm
234-050	5 mm
234-060	6 mm
234-080	8 mm
234-100	10 mm
234-120	12 mm
234-140	14 mm
234-170	17 mm

A J MANUFACTURING CO., INC.

Torque Sticks

Torque Sticks

Torque Sticks are a time saving alternative to torque wrenches that essentially convert your impact wrench into a powered torque wrench. After a simple calibration you can deliver proper torque every time without damaging wheels, lugs, brakes or rotors. All Torque Sticks are colour-coded.

INDIVIDUAL TORQUE STICKS

PART NO.	COLOUR	SIZE
TS-1500A	Brown	13/16"-100 ft/lbs.
TS-1500B	Orange	21 mm -80 ft/lbs.
TS-1500BB	Turquoise	21 mm -150 ft/lbs.
TS-1500C	Grey	19 mm -100 ft/lbs.
TS-1500D	Black	21 mm -60 ft/lbs.
TS-1500E	Blue	19 mm -80 ft/lbs.
TS-1500F	Yellow	19 mm -65 ft/lbs.
TS-1500G	Red	17 mm -80 ft/lbs.
TS-1500H	Dark Green	17 mm -55 ft/lbs.
TS-1500I	White	7/8"-120 ft/lbs.
TS-1500J	Tan	1"-140 ft/lbs.
TS-1500K	Purple	17 mm -110 ft/lbs.
TS-1500L	Green	1" -170 ft/lbs.
TS-1500Q	Aqua	7/8" -140 ft/lbs.
TS-1500TT	Light Green	15/16" -135 ft/lbs.
TS-1500V	Burgundy	1-1/16" -140 ft/lbs.
TS-1500YY	Navy Blue	7/8" -100 ft/lbs.
TS-1500Z	Beige	7/8" -65 ft/lbs.

INDIVIDUAL TRUCK TORQUE STICKS

PART NO.	DRIVE	SIZE
TK-B	1"	400 ft/lbs.
TK-M	3/4"	475 ft/lbs.
TK-N	3/4"	250 ft/lbs.
TK-O	3/4"	175 ft/lbs.
TK-P	1"	475 ft/lbs.
TK-R	1"	250 ft/lbs.
TK-S	1"	350 ft/lbs.
TK-T	1"	175 ft/lbs.
TK-U	3/4"	350 ft/lbs.
TK-W	1"	650 ft/lbs.
TK-Y	1"	550 ft/lbs.

1/2" DRIVE TORQUE STICK SETS

PART NO.	SET DESCRIPTION
TS-1540	4 Pc. Torque Set - covers many of the most popular late model domestic cars (Includes A, C, E, I).
TS-1590	9 Pc. Torque Set - covers a majority of domestic and many foreign cars and mini-vans as well as older model heavy duty pick-ups (Includes A to I).

CLUTHÉ®

Unidrivers

Bits are all stored in the handles which incorporate a unique cap design that prevents loss of bits.

Original Unidriver comes with 6 interchangeable winged bits and hand tightening chuck. Bits include 2 slot head, 2 Phillips head, and 2 square socket head.
Part No. 19656.

19656

Big Grip Unidriver comes with 12 interchangeable winged bits and hand tightening chuck. Bits included are 2 slot head, 3 Phillips head, 4 square socket head, 2 hex head, and 1 scratch awl.
Part No. 19752.

19752

ONWARD CLUTHE
Hardware Products

SQUARE RECESS POWER BIT, 1/4" HEX SHANK

The Pro-Tip recess power bit has a heat treated steel tip swaged into a steel body shank. The tip is cold forged under rigid dimensional control to ensure a "cling fit". These bits offer the best combination of hardness and toughness to provide a long lasting tool.

PART NO.	LENGTH	POINT SIZE	TIP SIZE ACROSS FLATS
B140310	1"	#0	.075
B140311	1"	#1	.091
B140312	1"	#2	.112
B140313	1"	#3	.134
B140320	2"	#0	.075
B140321	2"	#1	.091
B140322	2"	#2	.112
B140323	2"	#3	.134
B140331	3"	#1	.091
B140332	3"	#2	.112
B140333	3"	#3	.134
B140341	4"	#1	.091
B140342	4"	#2	.112
B140343	4"	#3	.134
B140361	6"	#1	.091
B140362	6"	#2	.112
B140363	6"	#3	.134

BIT HOLDER, 1/4" HEX SHANK - MAGNETIC

The Pro-Tip Bit Holder is manufactured from 303 stainless and assembled with a high strength Alnico magnet.

PART NO.	LENGTH	HEX OPENING	SOCKET BODY DIAMETER
B222355	3"	1/4"	7/16"

PROFESSIONAL BIT KIT

Includes most popular square, Phillips, Torx, and slot drive bits in 1", 2", 4", and 6" lengths. All square drive bits are 2 piece construction. Also includes 4 magnetic nutsetters with permanent high strength Alnico magnet. Nutsetters have hexagon shank for positive drive and they fit standard electric drills. Magnetic bit holder with high-strength Alnico magnet.
Part No. 8020-923.

RATCHET SCREWDRIVER SET

Contains 35 pieces — 32 sizes of popular bit assortment (inch and metric series), plus ratchet screwdriver, magnetic bit holder, and socket adapter.
Part No. 8020-920.

PHILLIPS POWER BIT, 1/4" HEX SHANK

The Pro-Tip Phillips power bit is manufactured from high quality tool steel and is heat treated to withstand constant use in the field.

PART NO.	LENGTH	POINT SIZE	BODY DIAMETER
B140422	1"	drywall	3/16"
B140411	1"	#1	3/16"
B140412	1"	#2	1/4"
B140413	1"	#3	1/4"
B140421	2"	#1	3/16"
B140424	2"	#2	1/4"
B140423	2"	#3	1/4"
B140431	2-3/4"	#1	3/16"
B140432	2-3/4"	#2	1/4"
B140433	2-3/4"	#3	1/4"
B140441	3-3/4"	#1	3/16"
B140442	3-3/4"	#2	1/4"
B140443	3-3/4"	#3	1/4"
B140461	6"	#1	3/16"
B140462	6"	#2	1/4"
B140463	6"	#3	1/4"

NUTSETTER POWER BIT, 1/4" HEX SHANK - MAGNETIC

The Pro-Tip Nutsetter with its permanent high strength Alnico magnet is manufactured from high quality tool steel and is heat treated for long tool life.

PART NO.	LENGTH	HEX OPENING	SOCKET BODY DIAMETER
B222360	1-7/8"	1/4"	7/16"
B222365	1-7/8"	5/16"	1/2"
B222366	1-7/8"	3/8"	9/16"
B222367	1-7/8"	7/16"	5/8"
B222370	2-9/16"	1/4"	7/16"
B222375	2-9/16"	5/16"	1/2"
B222376	2-9/16"	3/8"	9/16"
B222377	2-9/16"	7/16"	5/8"

MULTI-TOOL BIT KIT

Unique compact design power tool kit with ratchet tool. Complete with 9 of the most popular 1" insert bits and 6 of the most popular 2" power bits. Also contains 4 of the most popular standard sockets and socket adapter. All bits are manufactured from the highest quality tool steel and heat treated for long life. All square drive bits are 2 piece construction.
Part No. 8020-909.

POZIDRIV® POWER BIT, 1/4" HEX SHANK

PART NO.	LENGTH	POINT SIZE	BODY DIAMETER
B140711	1"	#1	3/16"
B140712	1"	#2	1/4"
B140713	1"	#3	1/4"
B140721	2"	#1	1/4"
B140722	2"	#2	1/4"
B140723	2"	#3	1/4"

TORX® POWER BIT, 1/4" HEX SHANK

PART NO.	LENGTH	POINT SIZE
B231988	1"	T7
B231989	1"	T8
B231990	1"	T9
B231991	1"	T10
B231992	1"	T15
B231993	1"	T20
B231994	1"	T25
B231995	1"	T27
B231996	1"	T30
B231998	1"	T40
B231971	2"	T10
B231972	2"	T15
B231973	2"	T20
B231974	2"	T25
B231977	2"	T30

720 PC. PRO-TIP BULK MERCHANDISER

The Pro-Tip bulk merchandiser with its attractive acrylic construction is ideal for point of sale marketing. Included in the 26 compartments is a selection of the most popular screwdriving bits and accessories. Overall size is 14" wide x 15" deep x 8" high. Complete with labels, header, and a fully locking hinged lid for easy access. (The square recess bits are 2 piece construction.)
Part No. B022123.

Merchandiser includes a total of 720 screwdriving bits in the following quantities:

DESCRIPTION	QTY.
#0 x 1" sq	50
#1 x 1" sq	50
#2 x 1" sq	50
#3 x 1" sq	50
#1 x 2" sq	25
#2 x 2" sq	25
#3 x 2" sq	25
#1 x 3" sq	20
#2 x 3" sq	20
#3 x 3" sq	20
#2 x 4" sq	20
#2 x 6" sq	20
Drywall	50
#1 x 1" Phillips	50
#2 x 1" Phillips	50
#3 x 1" Phillips	50
#1 x 2" Phillips	25
#2 x 2" Phillips	25
#3 x 2" Phillips	25

DESCRIPTION	QTY.
1/4" x 1-7/8" MNS	10
5/16" x 1-7/8" MNS	10
3/8" x 1-7/8" MNS	10
1/4" x 2-9/16" MNS	10
5/16" x 2-9/16" MNS	10
3/8" x 2-9/16" MNS	10
1/4" x 3" MBH	10

GARANT®

Striking Tools & Replacement Handles

SLEDGE HAMMERS

•Double face tempered and polished head •Varnished hickory handle

PART NO.	HEAD WEIGHT	HANDLE LENGTH	REPL. HANDLE
DF0424C	4 lb.	24”	B30024-05
DF0632C	6 lb.	32”	B30132-05
DF0832C	8 lb.	32”	B30132-05
DF1036C	10 lb.	36”	B30136-05
DF1236C	12 lb.	36”	B30136-05

PROFESSIONAL QUALITY SLEDGE HAMMERS

•Double face tempered and machine face finish head •Poly covered fibreglass core handle

PART NO.	HEAD WEIGHT	HANDLE LENGTH	REPL. HANDLE
DF0834FG	8 lb.	36”	G756RYB
DF1234FG	12 lb.	36”	G756RYB
DF1634FG	16 lb.	36”	G756RYB

RUBBER MALLETS

•Available in black (B in part no.) or white (W in part no.)
•Varnished hardwood handle

PART NO.	HEAD WEIGHT	HANDLE LENGTH
D14B14	12 oz.	12”
D28B16	24 oz.	14”
D14W14	12 oz.	12”
D28W16	24 oz.	14”

MACHINIST HAMMERS

•Varnished hickory handle

PART NO.	HEAD WEIGHT	HANDLE LENGTH	REPL. HANDLE
D20805	1/2 lb.	12”	B40212-01
D21605	1 lb.	14”	B40214-01
D22405	1-1/2 lb.	16”	B40616-01SG
D23205	2 lb.	16”	B40616-01SG

MASON CLUB HAMMERS

•Varnished hickory handle

PART NO.	HEAD WEIGHT	HANDLE LENGTH	REPL. HANDLE
MCH25011	2-1/2 lb.	11”	B49310-05
MCH40011	4 lb.	11”	B49310-05

BLACKSMITH HAMMERS

•Varnished hickory handle

PART NO.	HEAD WEIGHT	HANDLE LENGTH	REPL. HANDLE
BSH30016	3 lb.	16”	B40616-01SG

HAMMER REPLACEMENT HANDLES

•Hickory, clear varnish finish

PART NO.	HANDLE LENGTH
B49310-05	11”
B40212-01	12”
B40214-01	14”
B40616-01SG	16”

FIBREGLASS SLEDGE HAMMER REPLACEMENT HANDLES

•Poly covered fibreglass core

PART NO.	HANDLE LENGTH
G756RYB	36”

HICKORY SLEDGE HAMMER REPLACEMENT HANDLES

•Clear varnish finish

PART NO.	HANDLE LENGTH
B30024-05	24”
B30132-05	32”
B30136-05	36”

ELGIN

Sledge Hammers & Replacement Handles

SLEDGE HAMMER HANDLES - KING

PART NO.	HANDLE LENGTH
16HH	16”
24HH	24”
32HH	32”
36HH	36”
36XHH	36” (Large eye)

MACHINIST HAMMER HANDLES - KING

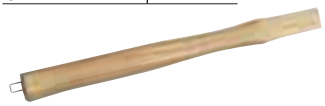
PART NO.	HANDLE LENGTH
MA-12	12”
MA-14	14”
MA-16	16”
MA-18	18”
MA-18LE	18” (Large eye)

SLEDGE HAMMERS

PART NO.	HEAD WEIGHT	HANDLE LENGTH	REPL. HANDLE
H-650-4	4 lb.	16”	16HH
H-650-6	6 lb.	32”	32HH
H-650-8	8 lb.	32”	32HH
H-650-10	10 lb.	36”	36HH
H-650-12	12 lb.	36”	36HH
H-650-14	14 lb.	36”	36XHH

CLAW HAMMER HANDLES - KING

PART NO.	HANDLE LENGTH
CH-14	14”



WEDGE PACK

Part No. WP-S, One each wooden and steel wedges for small handles.

WOODEN WEDGES

Part No. WD-W, For sledges.

STEEL WEDGES

Part No. ST-W, #5 - Sledges.
Part No. ST-4W, #4 - Sledges, axes.
Part No. ST-3W, #3 - Small handles.

GRAY TOOLS
Pry Bars

ERECTORS' PRY BARS - HEXAGON SHANK - ROYAL BLUE PAINT FINISH

•Hot forged from North American made high quality alloy steel

PART NO.	LENGTH	SHANK	WIDTH OF CUT	WEIGHT
73324	24"	7/8"	1-3/16"	3.0 lb.
73330	30"	7/8"	1-3/16"	5.0 lb.
73336	36"	7/8"	1-3/16"	6.2 lb.

PINCH BARS - ROUND SHANK - NICKEL PLATE FINISH

PART NO.	LENGTH	SHANK	WIDTH OF CUT	WEIGHT
C65	15"	9/16"	11/16"	1.0 lb.
C66	18"	5/8"	3/4"	1.4 lb.
C67	24"	3/4"	7/8"	2.6 lb.
C68	30"	7/8"	15/16"	4.4 lb.
C69	36"	1"	1-3/16"	7.0 lb.
C70	42"	1"	1-1/4"	9.3 lb.

GRAY TOOLS
"the tools of the trade"®

LEVERAGE TOOLS
Crow Bars, Wrecking Bars, & Pry Bars

CHISEL POINT CROW BARS

PART NO.	SIZE/DESCRIPTION
409-12	51", 12 lb., 1-1/8" chisel point
409-14	54", 14 lb., 1-1/8" chisel point
409-16	57", 16 lb., 1-1/4" chisel point
409-18	60", 18 lb., 1-1/4" chisel point

WRECKING BARS (GOOSE NECK)

PART NO.	SIZE
371-18	18" x 5/8"
371-24	24" x 5/8"
371-30	30" x 5/8"
371-36	36" x 5/8"

CARBON STEEL PRY BARS

PART NO.	SIZE
101-24	24", 2-1/2 lb.
101-36	36", 3-1/2 lb.

ECLIPSE
Hacksaws & Blades

HICUT BIMETAL HACKSAW BLADES

Cuts a wide variety of materials, even the most difficult alloys and is ideal for all types of users. Virtually unbreakable in normal use. The Hicut bimetal blade consists of M2 HSS edge electron beam welded to a tough alloy back.

Part No. 1018, 10" x 1/2" x .025" blade - 18 teeth/inch.
Part No. 1024, 10" x 1/2" x .025" blade - 24 teeth/inch.
Part No. 1032, 10" x 1/2" x .025" blade - 32 teeth/inch.
Part No. 1218, 12" x 1/2" x .025" blade - 18 teeth/inch.
Part No. 1224, 12" x 1/2" x .025" blade - 24 teeth/inch.
Part No. 1232, 12" x 1/2" x .025" blade - 32 teeth/inch.

ALL-PRO HACKSAW

Frame designed to withstand the daily stresses and strains of the professional. With handles front and rear the light but strong frame provides exceptional blade tensioning. 12" bimetal blade can be angled at 90° to the frame if necessary. Complete with 12" bimetal blade.
Part No. 70-500R.

PROFESSIONAL HACKSAW

Strong die-cast handle provides superb comfort and control and the guarded grip design protects knuckles. The tubular frame ensures perfect rigidity and balance, in addition to providing storage space for spare blades. Adjustable to accept 10" blades. Complete with 12" flex blade.
Part No. 20-T.

ECLIPSE

Concrete & Masonry Tools

MAGNESIUM HAND FLOATS w/ HIGH LIFT HANDLE

•Extra clearance handle with firm grip design allows more knuckle room for larger hands •Blade is 3-1/2" wide extruded magnesium design

PART NO.	SIZE	TYPE
84389-06425	16" x 3-1/2"	Extruded

MAGNESIUM HAND FLOATS

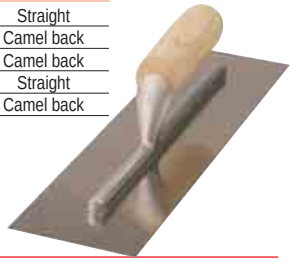
•Magnesium blades have a very fine, hard and dense grain structure •Broken-in face for immediate use •Durable magnesium will not warp, lasts longer and is easy to clean •Wood handle

PART NO.	SIZE	HANDLE
84389-06150	16" x 3-1/2"	Bevel-end

CARBON STEEL FINISHING TROWELS

•For concrete finishing •Strong, lightweight rustproof aluminum mountings

PART NO.	SIZE	HANDLE
84389-06112	12" x 4"	Straight
84389-06517	14" x 4"	Camel back
84389-06522	16" x 4"	Camel back
84389-06122	16" x 4"	Straight
84389-06531	20" x 4"	Camel back



WIDE MAHOGANY FLOATS

•Bevel-edge Redwood mahogany •Lightweight and easy to use •Fitted with comfortable wood handle. 12" x 4-1/2".
Part No. 84389-06151.

UNIVERSAL GROOVER

•Stainless steel •Turned up in front/prevents indentation of concrete •Rivet free for longer life •Size: 6" x 3", Bit groove 1/2"D x 1/2"W
Part No. 84389-06208.

CURVED END OUTSIDE EDGERS

•Stainless steel, long wearing •Turned up ends •Size: 6" x 3", 1/4" radius, 3/8" lip
Part No. 84389-06241.

HEAVY DUTY MAGNESIUM BULL FLOATS

•Heavy duty ribs on top side prevents warping •Lasts longer than other floats •Magnesium prevents concrete from clinging to the float •Float bracket included •Size: 48" x 8"
Part No. 84389-16302.

ALUMINUM EXTENSION HANDLES

•Fits all Goldblatt bull floats •Molded round threads are easy to clean •Easy to join and no couplings are required •Handles will not load up with mortar or cross thread •Made of lightweight aluminum, long lasting •Size: 1-3/4" x 6 ft.
Part No. 84389-16326.

RUBBER KNEE PADS

•Rubber cushion/heavy duty for long life and comfort •Solid rubber surface for rugged long wear - prevents moisture from penetrating clothes •Adjustable web straps •Pads will not slip down while walking
Part No. 84389-06170.

MARGIN TROWELS

•Precision forged from high quality carbon steel •Steel ferruled maple handle will not move •Durable, yet flexible and easy to use
Part No. 84389-09331, 5" x 1-1/2".
Part No. 84389-09332, 5" x 2".

POINTING TROWELS

•Precision forged from high quality carbon steel •Steel ferruled maple handle will not move •Flexible and easy to use with 2-3/4" heel
Part No. 84389-09322, 5-1/2".
Part No. 84389-09323, 7".

UTILITY BRUSHES

•Versatile brush designed for many uses •Tampico bristles in wood block •For use on masonry, brick, tile, and stone •Size: 6-1/2" x 2"
Part No. 84389-01426.

250 ft. BRAIDED NYLON LINE

•Abrasion and alkali resistant •157 lb. test •Yellow
Part No. 84389-11238.

350 ft. TUBE TWISTED NYLON LINE

•Specially treated to hold knot •All the advantages of nylon and is abrasion and alkali resistant •135 lb. test
Part No. 84389-11247, White.
Part No. 84389-11249, Yellow.

Drywall Tools

INSIDE CORNER TAPING TOOL

•Blade formed from one piece of highly flexible stainless steel •Sidewalls are full 4" wide with blades set at 103° angle and flex to 90° for perfect tight corner
Part No. 84389-05520.

UTILITY SAW

•6" blade with hardened fixed teeth and sharp point •Easily cuts through wallboard, wood, masonite, etc. •Comfortable wood handle with steel ferrule
Part No. 84389-05143.

Goldblatt®

EIFS/Plaster Tools

HAWKS

•Made of strong, yet lightweight aluminum •Cold rolled for long wear •4" flange reinforces the centre of hawk •Equipped with a special sponge rubber callous preventer 1/2" thick •Size: 13" x 13"
Part No. 84389-03175.

MOLDED SPONGE RUBBER FLOATS

•Most popular sponge float for bringing sand to the surface •Molded very compactly with a dense texture •Permanently cemented to a specially shaped back plate •Natural wood handle •Size: 8" x 4" x 5/8" thick
Part No. 84389-03295.

SPONGE RUBBER FLOAT

•Sponge rubber float brings sand to the surface •Choice of dense or coarse texture •Float pad is permanently cemented to an aluminum back plate •Size: 8" x 4" x 5/8" thick
Part No. 84389-03271, Dense.
Part No. 84389-03281, Coarse.

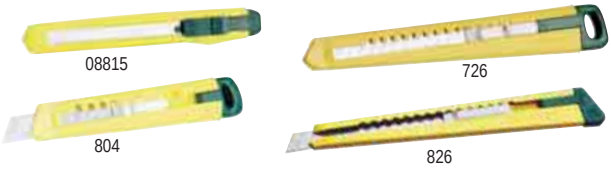
Industrial Knives & Blades

•High quality carbon steel blades and yellow/green hardwood birch handles.

Part No. L-3, Sharp point industrial knife - 0.050" thick blade.
Part No. L-4, Square point industrial knife - 0.050" thick blade.
Part No. L-4-G, Square point industrial knife w/ guard - 0.050" thick blade.
Part No. L-5, Long square point industrial knife - 0.050" thick blade.
Part No. L-5-G, Long square point industrial knife w/ guard - 0.075" thick blade.
Part No. L-5-H, Heavy duty long square point industrial knife - 0.075" thick blade.
Part No. L-6, Tapered point industrial knife - 0.050" thick blade.
Part No. L-7, Bevel point industrial utility knife - 0.050" thick blade.
Part No. L-7-H, Heavy duty bevel point industrial knife - 0.075" thick blade.
Part No. R-1, Roofing knife •High quality carbon steel blade and black plastic handle. - 0.050" thick blade.
Part No. 2910, Leather knife sheath w/ belt slots, fits; #L-3, L-4, L-5, L-6, L-7, and R-1 industrial knives.

Utility Knives & Blades

Part No. 08815, Carded safety lock plastic utility knife w/ 13-point snap-off blade.
Part No. 726, Carded positive lock plastic utility knife w/ 13 point snap-off blade.
Part No. 727, Positive lock plastic utility knife w/ 13-point snap-off blade.
Part No. 804, Carded large positive lock plastic nylon utility knife w/ 8-point snap-off blade.
Part No. 826, Carded positive lock metal utility knife w/ 13-point snap-off blade.
Part No. 728, Pack of 5 replacement blades for #08815, 726, 727, and 826 utility knives.
Part No. 729, Pack of 100 replacement blades for #08815, 726, 727, and 826 utility knives.
Part No. 817, Pack of 5 replacement blades for #804 utility knife.
Part No. 09850, Pack of 50 replacement blades for #804 utility knife.
Part No. 818, Pack of 100 replacement blades for #804 utility knife.



Putty Knives & Wall Scrapers

•ULTRA SERIES - Finest quality offered to the industrial/professional tradesman. Stainless steel blades with green polypropylene handles.

Part No. ST-1-1/4-F, 1-1/4" flexible putty knife.
Part No. ST-2-F, 2" flexible putty knife.
Part No. ST-1-1/4-S, 1-1/4" stiff putty knife.
Part No. ST-3-F, 3" flexible wall scraper.
Part No. ST-4-F, 4" flexible wall scraper.
Part No. ST-5-F, 5" flexible wall scraper.
Part No. ST-6-F, 6" flexible wall scraper.
Part No. ST-3-S, 3" stiff wall scraper.

Putty Knives & Wall Scrapers

•PRO SERIES - High quality carbon steel blades and Ergo-Grip™ handles.

Part No. RUB-1-1/4-F, 1-1/4" flexible putty knife.
Part No. RUB-2-F, 2" flexible putty knife.
Part No. RUB-1-1/4-S, 1-1/4" stiff putty knife.
Part No. RUB-2-S, 2" stiff putty knife.
Part No. RUB-3-F, 3" flexible wall scraper.
Part No. RUB-3-S, 3" stiff wall scraper.
Part No. RUB-114, 4" flexible wall scraper.
Part No. RUB-115, 5" flexible wall scraper.
Part No. RUB-116, 6" flexible wall scraper.

•PRO SERIES - Brass blades and black polypropylene handles. Brass blades are non-sparking and corrosion proof.

Part No. RUB151, 1-1/4" stiff putty knife.
Part No. RUB152, 2" stiff putty knife.
Part No. RUB153, 3" stiff wall scraper.

•SIGNATURE SERIES - Economical, high quality tools with many features required by the professional. High quality carbon steel blades and yellow/green polypropylene handles.

Part No. H-1-F, 1-3/16" flexible putty knife.
Part No. H-3-F, 3" flexible wall scraper.
Part No. H-4-F, 4" flexible wall scraper.
Part No. H-1-S, 1-3/16" stiff putty knife.
Part No. H-3-S, 3" stiff wall scraper.
Part No. H-4-S, 4" stiff wall scraper.

•PRO SERIES - Meets the requirements of a wide selection of craftsmen and home owners. High quality carbon steel blades and black polypropylene handles.

Part No. P-1-1/4-F, 1-1/4" flexible putty knife.
Part No. P-1-1/2-F, 1-1/2" flexible putty knife.
Part No. P-2-F, 2" flexible putty knife.
Part No. P-1-1/4-S, 1-1/4" stiff putty knife.
Part No. P-1-1/2-S, 1-1/2" stiff putty knife.
Part No. P-2-S, 2" stiff putty knife.
Part No. P-1-1/4-B, 1-1/4" bent putty knife.
Part No. P-1-1/4-C, 1-1/4" chisel putty knife.
Part No. P-1-1/2-O, 1-1/2" offset putty knife.
Part No. P-1-1/2-A, 1-1/2" English putty knife.
Part No. S-3-F, 3" flexible wall scraper.
Part No. S-3-1/2-F, 3-1/2" flexible wall scraper.
Part No. S-4-F, 4" flexible wall scraper.
Part No. S-5-F, 5" flexible wall scraper.
Part No. S-6-F, 6" flexible wall scraper.
Part No. S-3-S, 3" stiff wall scraper.
Part No. S-3-1/2-S, 3-1/2" stiff wall scraper.
Part No. S-4-S, 4" stiff wall scraper.
Part No. S-5-S, 5" stiff wall scraper.
Part No. S-6-S, 6" stiff wall scraper.
Part No. S-3-B, 3" bent paint/varnish scraper w/ hardwood birch handle.
Part No. 119, 6-in-1 combination tool - roller cleaner/ cleans out cracks/ can opener/ scraper/ sets nails/ putty knife.

•PRO SERIES - High quality carbon steel blades and walnut wood handles.

Part No. PW-1-1/4-F, 1-1/4" flexible putty knife.
Part No. PW-2-F, 2" flexible putty knife.
Part No. PW-1-1/4-S, 1-1/4" stiff putty knife.
Part No. PW-2-S, 2" stiff putty knife.
Part No. PW-1-1/4-C, 1-1/4" chisel edge putty knife.
Part No. SW-3-F, 3" flexible wall scraper.
Part No. SW-4-F, 4" flexible wall scraper.
Part No. SW-5-F, 5" flexible wall scraper.
Part No. SW-6-F, 6" flexible wall scraper.
Part No. SW-3-S, 3" stiff wall scraper.

Wood Scrapers & Blades

•Yellow/green polypropylene handles.

Part No. W-1-3/4, 1-3/4" wood scraper w/ 7-5/8" handle.
Part No. W-2-1/2, 2-1/2" wood scraper w/ 8-1/2" handle.
Part No. W-14, 2-1/2" wood scraper w/ 14" handle.
Part No. W-1-3/4-B, Replacement blade for #W-1-3/4 wood scraper - pack of 20.
Part No. W-2-1/2-B, Replacement blade for #W-2-1/2 and W-14 wood scrapers - pack of 20.

W-14

Specialty Tools & Parts

Part No. US-10, 10" lever bar/scraper combination tool. Scrapes paint, smoothes wood, removes base boards and nails. High quality carbon steel construction.
Part No. C-6, Carded laminate cutter w/ 0.065" thick steel blade and yellow/green polypropylene handle.
Part No. C-6-B, Replacement blade for #C-6 laminate cutter.
Part No. 18500, Heavy duty 48" drywall T-square.
Part No. GL-5, Carded 6 wheel glass cutter w/ plastic handle.
Part No. 8058, Pack of 2 steel #2 wedges for wood handles.
Part No. 8059, Pack of 2 steel #4 wedges for wood handles.
Part No. 8060, Pack of 2 steel #5 wedges for wood handles.
Part No. 8061, Pack of 2 steel #10 wedges for wood handles.
Part No. 8062, Pack of 2 steel #15 wedges for wood handles.

Razor Scrapers & Blades

Part No. RS-100, Carded positive lock plastic razor scraper.
Part No. RS-300, Carded positive lock metal razor scraper.
Part No. RS-2-B, Pack of 5 replacement single edge carbon steel razor blades - 0.009" thick.
Part No. 1209, Pack of 100 replacement single edge carbon steel razor blades - 0.009" thick.
Part No. 1212, Pack of 100 replacement single edge carbon steel razor blades - 0.012" thick.
Part No. 3101, Pack of 100 replacement single edge stainless steel razor blades - 0.009" thick.

RS-100

RS-300

GL-5

US-10

C-6

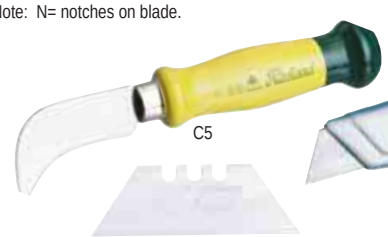
Hexo Mixers

Part No. 55006, 16" long x 2.4" diameter hexshaft paint mixer - fits 3/8" drill size.
Part No. 55008, 16" long x 3.2" diameter hexshaft paint mixer - fits 3/8" drill size.
Part No. 55010, 24" long x 4.0" diameter hexshaft paint mixer - fits 1/2" drill size.
Part No. 55012, 30" long x 4.8" diameter hexshaft paint mixer - fits 1/2" drill size.
Part No. 55014, 30" long x 5.6" diameter hexshaft paint mixer - fits 1/2" drill size.

55010

Floor Covering Tools

Part No. CS-3-1/16, 3" wide x 1/16" "V" notched steel adhesive spreader w/ hardwood birch handle.
Part No. CS-6-1/16, 6" wide x 1/16" "V" notched steel adhesive spreader.
Part No. CS-9-1/16, 9" wide x 1/16" "V" notched steel adhesive spreader.
Part No. C-5, Short point linoleum knife w/ hardwood birch handle - 0.050" thick blade.
Part No. C-1, Long point linoleum knife w/ hardwood birch handle - 0.075" thick blade.
Part No. C-4, Long point linoleum knife w/ polypropylene handle - replaceable 0.075" thick blade.
Part No. C-4-B, Replacement blade for #C-4 linoleum knife.
Part No. U-1-C, Carded fixed blade utility knife w/ 5 spare blades.
Part No. U-3-C, Carded retractable blade utility knife w/ 3 spare blades.
Part No. U-1-B, Pack of 5 replacement blades for #U-1-C and U-3-C utility knives - 0.017" thick (3N).
Part No. U-4-B, Pack of 5 replacement blades for #U-1-C and U-3-C utility knives - 0.025" thick (2N).
Part No. U-1-H, Pack of 5 replacement hook blades for #U-1-C and U-3-C utility knives - 0 .017" thick (3N).
Part No. U-1-B-B, Pack of 100 replacement blades for #U-1-C and U-3-C utility knives 0.017" thick (3N).
Part No. U-4-B-B, Pack of 100 replacement blades for #U-1-C and U-3-C utility knives 0.025" thick (2N).
Part No. U-1-H-B, Pack of 100 replacement hook blades for #U-1-C and U-3-C utility knives 0.017" thick (3N)
Note: N= notches on blade.


C5

U-1-C

U-1-B

Sabinox Trowels

•Steel blades, and hardwood handles.
Part No. PP-305, 5" brick/pointing trowel.
Part No. PP-306, 6" brick/pointing trowel.
Part No. BP-210, 10" brick/pointing trowel.
Part No. BP-211, 11" brick/pointing trowel.
Part No. PC-111, 11" x 4-1/2" cement finishing trowel.
Part No. FC-114, 14" x 4" cement finishing trowel.
Part No. FC-116, 16" x 4" cement finishing trowel.
Part No. MT-5, 5" x 2" margin trowel.

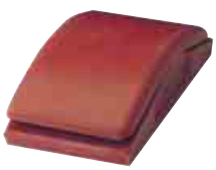
BP-210

Sanding Blocks

Part No. B-1, Plastic hand sanding block.
Part No. 07716, Carded hard rubber hand sanding block.
Part No. 702, Steel hand sanding block.

B-1

702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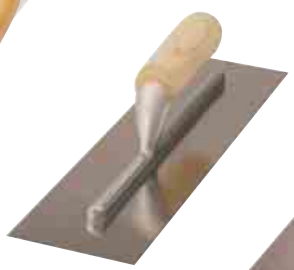
PP-305


FC-114

MT-5

STANDARD CUTTER C/W SLIDE LOCK.
Part No. 180.

"ORIGINAL" HEAVY DUTY UTILITY KNIFE - ROTARY LOCK.
Part No. L-1.

"ERGONOMIC" HEAVY DUTY UTILITY KNIFE - C/W RUBBER GRIP INSERT.
Part No. L-2.

EXTRA HEAVY DUTY CUTTER C/W RUBBER GRIP INSERT.
Part No. H-1.

HEAVY DUTY CARTON CUTTER WITH SELF RETRACTING BLADE FOR ENHANCED USER SAFETY.
Part No. SK-4.

HEAVY DUTY "HAND SAVER" SOFT GRIP KNIFE C/W ROTARY LOCK.
Part No. NOL-1.

HEAVY DUTY "HAND SAVER" SOFT GRIP KNIFE - AUTO LOCKING.
Part No. NL-AL.

EXTRA HEAVY DUTY "HAND SAVER" SOFT GRIP KNIFE - ROTARY LOCK.
Part No. NH-1.

HEAVY DUTY PLASTIC/LAMINATE CUTTER C/W 3 TUNGSTEN BLADES.
Part No. P-800.

HEAVY DUTY CARPET/FLOOR COVERING KNIFE C/W ROTARY LOCK.
Part No. OL.

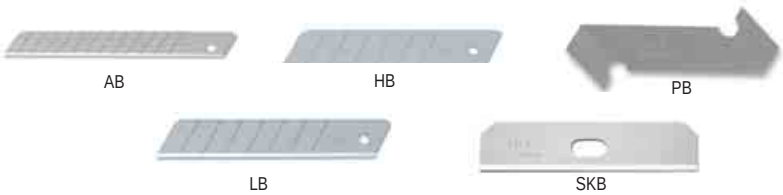
HEAVY DUTY COMPASS CUTTER - CUTS UP TO 12" CIRCLE.
Part No. CMP-2.

STAINLESS STEEL SERRATED EDGE SCISSORS.
Part No. SCS-1, 5" blade.
Part No. SCS-2, 7" blade.

BLADE DISPOSAL CAN
Disposal can that does not open, preventing blade segments from falling out accidentally. Features a "tambour door" that securely covers the blade slot when not in use and slides open when the user is ready to snap a new edge.
Part No. DC-3.

Utility Knife Blades

Part No. AB-10B, Pack of 10 blades for #180 cutter, w/ plastic case, carded.
Part No. LB-10B, Pack of 10 heavy duty blades for all heavy duty cutters (L1, L2, NOL-1, NL-AL, OL) w/ plastic case.
Part No. LB-50B, Pack of 50 blades for all heavy duty cutters (L1, L2, NOL-1, NL-AL, OL) w/ plastic case, carded.
Part No. HB-20B, Pack of 20 extra heavy duty blades for all extra heavy duty cutters (H-1, NH-1) w/ plastic case.
Part No. PB-800, Pack of 3 tungsten-carbide blades for P-800.
Part No. SKB-210B, Pack of 10 blades for #SK-4 cutter, w/ plastic case, carded.
Part No. SKB-250B, Pack of 50 blades for #SK-4 cutter, w/ plastic case, carded.



OLFA®
Best made cutting tools in the world.®

KDS

AAA/1731

Knives

Part No. L-18, Auto Lock Knife. The knife for every warehouse, toolbox, or drawer. Economical, with an easy auto-lock. One blade loaded and two spares in the handle.
Part No. H-12, JobBoss® Knife. Non-slip screw lock. Thick 0.7 mm BlackMax H-blade. A strong, rugged knife for power cuts. Strong ABS body. Steel blade channel.
Part No. S-11, Slim Trim Knife. Stainless steel body and blade. Clip it on a pocket for use anywhere. One blade loaded with two spares.
Part No. L-19Y, Twist Lock Knife. Safely and easily locks blade in position.
Part No. LB10H, 10 pack Series L replacement blades.
Part No. HB10H, 10 pack Series H replacement blades.
Part No. SB10SH, 10 pack Series S replacement blades.

DOCAP

DOC/1816

Shears

MULTI-PURPOSE SHEARS
•Cuts wire, wood, branches, dowelling, rope, cord, cardboard, leather and many other materials •Stainless steel blades, precision ground and hardened for long lasting sharp edges •Handles designed for either left or right handed users
Part No. 690-321.

HEAVY DUTY SHEARS
•Ideal for cutting heavy cloth, fabric, rubber, upholstery, rope, leather, cardboard and poultry processing •Stainless steel blades, precision ground and hardened for long lasting sharp edges •Ergonomic handles made from TPE, can be used for either left or right hand cutting •Adjustable knife edge with nut and bolt construction •Light weight
Part No. 690-322.

PREMIUM TOOLS

AAA/3316

Utility Knives & Blades

Economy utility knives. Yellow poly handle with slide locking mechanism, blade snapper.

Part No. N1100, Heavy duty utility knife.
Part No. N1200, Heavy duty utility knife c/w metal tip.
Part No. N1300, Heavy duty utility knife c/w metal tip and auto lock.
Part No. N1310, Heavy duty utility knife c/w metal tip and screw lock.
Part No. N1315, Large extra heavy duty utility knife c/w rubber grip, metal tip and screw lock.
Part No. N1500, Pack of 10, heavy duty utility knife blades.
Part No. N1505, Pack of 10, extra heavy duty utility knife blades.

STARRETT®

STT/2081

Utility Knives & Blades

Part No. S01O, 4 position adjustable locking orange utility knife c/w blades.
Part No. S03, Pocket sized 3 position adjustable utility knife c/w blades and keychain.
Part No. S01R-5, Pack of 5 replacement blades for S01O utility knives.
Part No. SB100, Pack of 100 replacement blades for S01O utility knives.
Part No. S03R-5, Pack of 5 replacement blades for S03 pocket sized utility knife.

PRO SERIES 3000 TAPES

•Ny-Clad® blade coating extends blade life 5 times longer than standard •Hi-Viz® orange case with black non-slip coverage •Virtually unbreakable Quad Hook™; four rivets for extra strength •Non-slip toggle lock allows complete control of power tape blade •Rubber cushion shell protects tape from impact and improves grip •Compact size for comfort and easy storage •Removable belt clip •Carded

PART NO.	BLADE SIZE		BLADE STYLE
	WIDTH	LENGTH	
PS3425	1"	25'	A2
PS3048CME	1" (25mm)	25' (7.5m)	A13

SERIES 2000 TAPES

•Lightweight, high strength chrome finished case •Toggle lock is positioned for convenient operation and holds the blade securely in any position •Virtually unbreakable Quad Hook™; four rivets for extra strength (1" blade only) •Cushioned blade return •Removable belt clip •Carded

PART NO.	BLADE SIZE		BLADE STYLE
	WIDTH	LENGTH	
2410CME	1"(25mm)	33'(10m)	A30
2130	1"	30'	A5
2049CME	1"(25mm)	30'(9m)	A30
2125	1"	25'	A5
2048CME	1"(25mm)	26'(8m)	A30
2325	3/4"	25'	A2
2338CME	3/4"(19mm)	26'(8m)	A13
2316	3/4"	16'	A2
2035CME	3/4"(19mm)	16'(5m)	A13
2312	3/4"	12'	A2
2034CME	3/4"(19mm)	13'(4m)	A13
2033CME	3/4"(19mm)	10'(3m)	A13
2212	1/2"	12'	A1
2024CME	1/2"(13mm)	13'(4m)	A13
2210	1/2"	10'	A1
2223CME	1/2"(13mm)	10'(3m)	A13

SERIES 1000 TAPES

•Lightweight, high strength Hi-Viz® orange case •Toggle lock is positioned for convenient operation and holds the blade securely in any position •Virtually unbreakable Quad Hook™; four rivets for extra strength (1" blade only) •Cushioned blade return •Removable belt clip •Carded

PART NO.	BLADE SIZE		BLADE STYLE
	WIDTH	LENGTH	
HV1425	1"	25'	A5
HV1430	1"	30'	A5
HV1048CME	1"(25mm)	26'(8m)	A30
HV1049CME	1"(25mm)	30'(9m)	A30
HV1312	3/4"	12'	A2
HV1034CME	3/4"(19mm)	13'(4m)	A13
HV1316	3/4"	16'	A2
HV1035CME	3/4"(19mm)	16'(5m)	A13
HV1325	3/4"	25'	A2
HV1010	1/2"	10'	A1
HV1023CME	1/2"(13mm)	10'(3m)	A13
HV1012	1/2"	12'	A1

Lufkin®

BLACK MAX TAPES

•White blade for extra visibility •High impact black ABS case with a rubber non-slip grip •Shock absorber cushions blade return •Virtually unbreakable Quad Hook™; four rivets for extra strength

PART NO.	BLADE SIZE	
	WIDTH	LENGTH
BM416	1"	16'
BM416CME	1" (25mm)	16' (5m)
M525	1-1/4"	25'
M525CME	1-1/4"	25' (7.5m)

POWER RETURN TAPES

•Easy to find Hi-Viz® case or chrome case •Positive toggle lock holds the blade securely in any position •Self-compensating end hook for inside and outside measurements •Virtually unbreakable Quad Hook™; four rivets for extra strength •Built in bumper reduces shock when blade is retracted

Hi-Viz® Orange Case

PART NO.	BLADE SIZE		BLADE STYLE
	WIDTH	LENGTH	
HV420	1"	20'	A5
HV46CME	1"(25mm)	20'(6m)	A30

Chrome Case

PART NO.	BLADE SIZE		BLADE STYLE
	WIDTH	LENGTH	
Y420	1"	20'	A5
Y46CME	1"(25mm)	20'(6m)	A30

PEE WEE® TAPES

•Pocket size ideal for office or home •High strength black case •Power retraction operation

PART NO.	BLADE SIZE		BLADE STYLE
	WIDTH	LENGTH	
Y613ME	1/4"(6mm)	10'(3m)	A17
W616	1/4"	6'	A16
W6110	1/4"	10'	A16

See next page for picture of blade style

Lufkin Measuring Tapes are continued on the following page.

Long Measuring Tapes & Accessories

HI-VIZ® SPEEDWINDER® LONG TAPES

•Impact resistant, attractive, self standing case •Heavy duty yellow clad blade protected by an abrasion resistant coating; 0.008"/0.2mm thick •New design extends, measures and rewinds in less time than conventional long steel tapes •Easy to read bold black markings

PART NO.	BLADE SIZE WIDTH	BLADE SIZE LENGTH	BLADE STYLE
HYT15CME	3/8"(10mm)	50'(15m)	B14
HYT30CME	3/8"(10mm)	100'(30m)	B14
HYT50CME	3/8"(10mm)	164'(50m)	B14

HI-VIZ® UNIVERSAL LIGHTWEIGHT LONG TAPES

•High impact polystyrene case in Hi-Viz® orange •Yellow clad blade .005"/0.13mm thick •Easy wind nylon drum •Removable belt clip •2 sided end hook for use with either scale

PART NO.	BLADE SIZE WIDTH	BLADE SIZE LENGTH	BLADE STYLE
HV15CME	3/8"(10mm)	50'(15m)	B8
HV30CME	3/8"(10mm)	100'(30m)	B8

FIBREGLASS HI-VIZ® LINEAR REELS

•Line does not collect dirt in case •Ligthweight open reel is easy to handle and rewind •Hi-Viz® orange case

PART NO.	BLADE SIZE WIDTH	BLADE SIZE LENGTH	BLADE STYLE
1703	1/2"	50'	C1
1706	1/2"	100'	C1
HY1730CME	1/2"(13mm)	100'(30m)	C4

FIBREGLASS HI-VIZ® LINEAR REELS

•Lightweight open reel is easy to handle and rewind; line does not collect dirt in case •Hi-Viz® orange ca

1709

PART NO.	BLADE SIZE WIDTH	BLADE SIZE LENGTH	BLADE STYLE
1707	1/2"	150'	C1
HY1750CME	1/2"(13mm)	164'(50m)	C4
1708	1/2"	200'	C1
1709*	1/2"	300'	C1

*Long handle for fast and effortless rewinding

PRO SERIES HEAVY DUTY FIBREGLASS TAPE

•Super fast 3:1 gear ratio tape retrieval •Heavy duty fibreglass blade has twice the stretch resistance of standard fibreglass •Blade is double PVC coated for added strength and durability •High impact ABS plastic case •Fibreglass blade is non-conductive for added safety around electrical hazards •Water proof and durable - able to withstand abrasion and resist breakage under extreme conditions

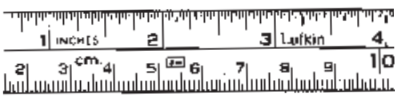
Part No. PS1706, 100 ft.
Part No. PS1708, 200 ft.
Part No. PS1709, 300 ft.

Blade Styles

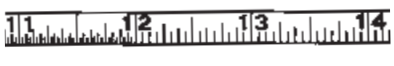
A1

A2

A5



A13

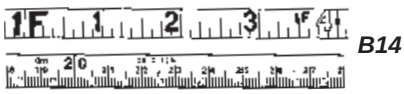


A16

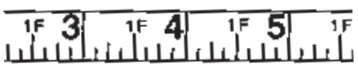
A17

A30

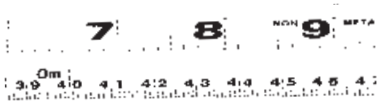
B8



B14



C1



C4

Refills

PART NO.	SIZE	DESCRIPTION
RY210	10 ft. x 1/2"	Yellow tape refill
RY212	12 ft. x 1/2"	Yellow tape refill
RW312	12 ft. x 3/4"	Yellow tape refill
RW316	16 ft. x 3/4"	Yellow tape refill
RY325	25 ft. x 3/4"	Yellow tape refill
RY425	25 ft. x 1"	Yellow tape refill
RY430	30 ft. x 1"	Yellow tape refill
RY35CME	5 m/16 ft. x 19 mm/3/4"	Yellow tape refill

PART NO.	SIZE	DESCRIPTION
RY30CME	30 m/100 ft. x 10 mm/3/8"	Speedwinder tape refill
RHY50CME	50 m/164 ft. x 10 mm/3/8"	Speedwinder tape refill
0703L	50 ft. x 1/2"	Fibreglass tape refill
0706L	100 ft. x 1/2"	Fibreglass tape refill
01707	150 ft. x 1/2"	Fibreglass tape refill

Lufkin®

LUFKIN
Measuring Tapes & Accessories

CONTRACTOR MEASURING WHEEL

•With large wheel for uneven terrain. Measures almost 2 miles without resetting •Measure as fast as you can walk. Measures curved, horizontal, and vertical surfaces. Tough plastic parts and molded rubber tires resist corrosion. Telescoping handles.
Part No. MW38, Measures to 99,99 ft. 11" .
Part No. MW38M, Measures to approx. 3047 m, Measures over 3 km without resetting.

EXECUTIVE COMPACT MEASURING WHEEL

•Measure as fast as you can walk. Measures curved, horizontal, and vertical surfaces. Tough plastic parts and molded rubber tires resist corrosion. Telescoping handles. Convenient for quick estimates
Part No. MW18, Measures to 999 ft. 11" .
Part No. MW18M, Measures to approx. 305 m, measures in metres and decimetres.

Lufkin®

STARRETT®
Measuring Tapes

3/4" TRU-LOK® TAPES

•Tough Tip™ blade protector •Yellow blades
•Cam-activated lock

PART NO.	BLADE LENGTH	CASE COLOUR
CH34-12	12 ft.	Charcoal
CH34-16	16 ft.	Charcoal
C34-16	16 ft.	Chrome
CH34-5ME12	5 m/16 ft.	Charcoal
C34-5ME12	5 m/16 ft.	Chrome
CH34-25	25 ft.	Charcoal
CH34-8ME12	8 m/26 ft.	Charcoal

1" TRU-LOK® TAPES

•Tough Tip™ blade protector •Yellow blades
•Cam-activated lock

PART NO.	BLADE LENGTH	CASE COLOUR
CH1-25	25 ft.	Charcoal
C1-25	25 ft.	Chrome
CH1-8ME12	8 m/26 ft.	Charcoal
C1-8ME12	8 m/26 ft.	Chrome
C1-30	30 ft.	Chrome
Y1-30	30 ft.	Neon yellow

REPLACEMENT BLADES

PART NO.	BLADE LENGTH
¾" BLADES	
L34-12	12 ft.
L34-16	16 ft.
L34-5ME12	5 m/16 ft.
L34-25	25 ft.
L34-8ME12	8 m/26 ft.
1" BLADES	
L1-25	25 ft.
L1-8ME12	8 m/26 ft.
L1-30	30 ft.

SACL-100

SCL-50

SCL15

SC8B

Chalk Lines & Accessories

Part No. SACL-100, 100 ft. Reel-Fast™ chrome/ABS plastic cased chalk and plumb line. Rewinds 3½ times faster. Locking handle.
Part No. SCL15, 50 ft. economy ABS plastic cased chalk line c/w slide-action lock and hook ring.
Part No. SCL110, 100 ft. economy ABS plastic cased chalk line c/w slide-action lock and hook ring.
Part No. SCL50, 50 ft. heavy duty die cast metal cased chalk line c/w slide-action lock and hook ring.
Part No. SCL100, 100 ft. heavy duty die cast metal cased chalk line c/w slide-action lock and hook ring.

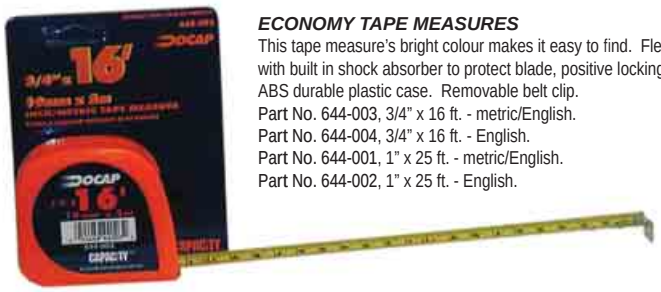
Part No. SC8B, 8 oz. bottle BLUE chalk refill for chalk lines.
Part No. SC8R, 8 oz. bottle RED chalk refill for chalk lines.

Part No. SRL50, 50 ft. replacement roll of chalk line string.
Part No. SRL100, 100 ft. replacement roll of chalk line string.

Starrett®

DOCAP
Measuring Tapes

DOCAP



ECONOMY TAPE MEASURES

This tape measure's bright colour makes it easy to find. Flexible steel blade coated with lacquer with built in shock absorber to protect blade, positive locking knob and automatic power return. ABS durable plastic case. Removable belt clip.
Part No. 644-003, 3/4" x 16 ft. - metric/English.
Part No. 644-004, 3/4" x 16 ft. - English.
Part No. 644-001, 1" x 25 ft. - metric/English.
Part No. 644-002, 1" x 25 ft. - English.

CHROME TAPE MEASURE

AAA/0020

CHROME TAPE MEASURE
1" wide blade, S.A.E./Metric,
25 ft./7.5 m.
Part No. CTM-25.

PROCORE

NEW!!

PCR/3307

Tape Measures

ERGONOMIC DESIGN TAPE MEASURES — GREY
•Grey rubber case over silver plastic shell for impact resistance •30% thicker blade for durability and long standouts •Tru-zero feature hook allows for accurate measurements •Slotted hook allows tape to be used in drawing circles or arcs •Belt clip and strap included •Posi-lock slide and friction bottom button ensure positive blade lock

PART NO.	WIDTH	LENGTH
16-3502	5/8" (16 mm)	12 ft. 3.6 m
16-3504	3/4" (19 mm)	16 ft. 5 m
16-3506	3/4" (19 mm)	16 ft. English only
16-3508	1" (25 mm)	25 ft. 7.5 m
16-3510	1" (25 mm)	25 ft. English only

ERGONOMIC DESIGN TAPE MEASURES — BLACK
•Black rubber case over orange plastic shell for impact resistance •30% thicker blade for durability and long standouts •Tru-zero feature hook allows for accurate measurements •Slotted hook allows tape to be used in drawing circles or arcs •Belt clip and strap included •Posi-lock slide and friction bottom and side lock •Magnetic tip end

PART NO.	WIDTH	LENGTH
16-3522	5/8" (16 mm)	12 ft. 3.6 m
16-3524	3/4" (19 mm)	16 ft. 5 m
16-3526	3/4" (19 mm)	16 ft. English only
16-3528	1" (25 mm)	25 ft. 7.5 m
16-3530	1" (25 mm)	25 ft. English only

PROCORE

COX

AAA/1020

Caulking Guns & Applicators

DO-IT-YOURSELF CARTRIDGE APPLICATOR
For use with 215 mm maximum length cartridges. Made of a lightweight high-performance composite plastic. Gun is corrosion resistant and has a high impact resistance. Utilizing a cartridge support this unit is capable of using any plastic, metal or composite cartridge with integral or screw-on nozzle.
Part No. DIYGUN.

SKELETON TYPE CARTRIDGE GUN
Made for professional or home handyman use. Constructed of a die cast alloy and steel this rugged unit will accept all cartridges with a maximum length of 215 mm. Smooth hexagonal drive rod, precision catch plate, and a die cast handle and trigger offer effortless action and comfortable operation.
Part No. WEXFORD215.

PROFESSIONAL CARTRIDGE GUN
Designed for the construction trade. Made of a durable die cast aluminum with a profiled hand grip for strength and lightness. This gun will accept all integral nozzle cartridges of 215 mm length.
Part No. CHILTON.

PROFESSIONAL CARTRIDGE GUN
Designed for the construction trade. This gun is capable of handling all cartridges up to and including the 320 mm long 1 litre cartridges. Made from a combination of die cast aluminum and steel this rugged gun is a lightweight yet very durable unit.
Part No. JUMBO.

PNEUMATIC APPLICATOR
Trigger handle is contoured for comfortable operation. Pressure regulator provides zero to maximum pressure control with a responsive half a turn of the knob. A silencer provides very quiet operation (below the 70dB mark); and the air hose connector swivels for maximum freedom of movement. For cartridges.
Part No. TYNE.

ARROW Fastening Tools

JUNIOR STAPLE GUN

•Light duty junior staple gun tacker •Baked enamel finish •All steel construction •Jam proof mechanism •Hand contoured handle •Built in staple lifter •Visual refill window •Uses staple sizes 1/4", 5/16", 3/8".
Part No. JT-21M.

MULTIPURPOSE WIRE TACKER

•Low voltage wire staple gun tacker •All steel construction lasts and lasts •Grooved driving blade •Short span easy compression handle •Chrome finish resists wear and tear •Grooved guide ensures perfect stapling •Fits wire up to 1/4" •Uses staple sizes 3/8", 7/16", 9/16", 9/32"
Part No. T-25M.

HEAVY DUTY STAPLER GUN TACKER

Heavy duty hand operated staple gun tacker •Easy squeeze double leverage mechanism •All steel construction •Jam proof mechanism •Uses staple sizes 1/4", 5/16", 3/8", 1/2", 9/16", 17/32".
Part No. T-50P.

ALL CHROME STAPLER GUN TACKER

•Chrome all purpose hand operated staple gun tacker •Chrome finish •All steel construction •Hand contoured handle •Safety handle lock •Visual refill window •Jam proof mechanism •Molded plastic handle stop •Uses staple sizes 1/4", 5/16", 3/8", 1/2", 9/16", 17/32".
Part No. T-55C.

THE TOMAHAWK HEAVY DUTY HAMMER TACKER

•All steel construction •High carbon hardened steel working parts •Jam proof mechanisms •Precision locked rear loading •Retractable striking edge •Specially designed power grip handles •Durable chrome finish
Part No. HT-50P.

THE MIGHTY MO EXTRA HEAVY DUTY HAMMER TACKER

•Ideal for new roofing installation
Part No. HT-65.

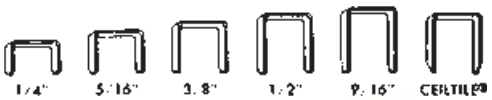
ELECTRO-MATIC TACKER GUN

•Great all purpose electric staple gun •Solid state electronic circuity •On/Off safety trigger lock •Trigger squeeze speed ease of operation •Tough impact resistant housing •Jam proof mechanism •Lightweight, compact, and well balanced •Hand contoured grip for comfort •Uses staple sizes 1/4", 5/16", 3/8", 1/2", 9/16", 17/32".
Part No. ET-50.

DELUXE STANDARD DESK STAPLER

Part No.107BL.

Staples



Part No. 214, Package of 1000 JT-21 1/4" staples for JT-21M staple gun.
Part No. 215, Package of 1000 JT-21 5/16" staples for JT-21M staple gun.
Part No. 25932, Package of 1000 T-25 9/32" staples for T-25M staple gun.
Part No. 256, Package of 1000 T-25 3/8" staples for T-25M staple gun.
Part No. 257, Package of 1000 T-25 7/16" staples for T-25M staple gun.
Part No. 259, Package of 1000 T-25 9/16" staples for T-25M staple gun.
Part No. 504, Package of 1250 T-50 1/4" staples for 50 and 55 series staple guns.
Part No. 505, Package of 1250 T-50 5/16" staples for 50 and 55 series staple guns.
Part No. 506, Package of 1250 T-50 3/8" staples for 50 and 55 series staple guns.
Part No. 508, Package of 1250 T-50 1/2" staples for 50 and 55 series staple guns.
Part No. 509, Package of 1250 T-50 9/16" staples for 50 and 55 series staple guns.
Part No. 50CT, Package of 1250 ceiltile staples for 50 and 55 series staple guns.
Part No. 202-10, Package of 5000 staples for any standard desk stapler.
Part No. 65S, Package of 624 staples for HT65 hammer tacker.

Rivet Tools

PROFESSIONAL RIVET TOOL

•All steel construction •Comfortable vinyl grip •Spring loaded handle for easy loading •Extended nose for hard to get at places •Hi-Viz non slip grip handle •Lock clip when not in use •Includes four nose pieces and wrench •4 rivet sizes: 3/32", 1/8", 5/32", 3/16"
Part No. RH-200.

TWISTER RIVET TOOL

•Unique riveter head twists 360° •Durable all steel construction •Comfortable vinyl grip •Spring loaded handle for easy loading •Extended nose for hard to get at places •Hi-Viz non slip grip handle •Lock clip when not in use •Includes four nose pieces and wrench •4 rivet sizes: 3/32", 1/8", 5/32", 3/16"
Part No. RHT-300.

Glue Guns & Glue Sticks

TRIGGER LEVER FEED HOT MELT GLUE GUN

•Exclusive clutch prevents glue run on
•Easy squeeze lever for precise glue control
•Integrated drip tray with stand
Part No. TR550.

Part No. AP5, Card of 6, 4" all purpose glue sticks.
Part No. SS6, Card of 6, 4" slow set glue sticks.
Part No. CS7, Card of 6, 4" caulk/sealer glue sticks.
Part No. BAP5-4, Card of 24, 4" all purpose glue sticks.
Part No. AP10-4, Card of 12, 10" all purpose glue sticks.

PRYOR MARKING TECHNOLOGY

Marking Stamps

Made from the finest quality controlled Sheffield chromium tool steel, these stamps are hardened to 58 - 62 R.C. at the character end to give you long life on tough materials. Combined with the tempering back to 32 - 40 R.C. on the striking end to give absolute safety, these are the best stamps available today. Packed in strong plastic cases, the letter and figure sets have separate compartments to allow quick and easy selection of the marking stamps you are using. Machine made (economy) or hand made (premium).

MACHINE MADE STEEL LETTERS & FIGURES

High grade steel stamps at an economical price. "Blue" heat treated finish.

Letter Sets A-Z (26 characters)

PART NO.	CHARACTER SIZE	BLANK SIZE
PI27030	1/8"	2-3/4" long x 1/4" square
PI27050	3/16"	3" long x 5/16" square
PI27060	1/4"	3" long x 3/8" square

Figure Sets 0-9 (10 characters)

PART NO.	CHARACTER SIZE	BLANK SIZE
PI10030	1/8"	2-1/2" long x 1/4" square
PI10050	3/16"	3" long x 5/16" square
PI10060	1/4"	3" long x 3/8" square

Combination Sets A-Z, 0-8, "&" (36 characters)

PART NO.	CHARACTER SIZE	BLANK SIZE
PI36030	1/8"	2-3/4" long x 1/4" square
PI36050	3/16"	3" long x 5/16" square
PI36060	1/4"	3" long x 3/8" square

HAND CUT STEEL LETTERS & FIGURES

Premium grade stamps with a wide size range to cover all your marking requirements. Finished in protective nickel coating.

Letter Sets A-Z, "&" (27 characters)

PART NO.	CHARACTER SIZE	BLANK SIZE
PP27030	1/8"	2-1/2" long x 1/4" square
PP27050	3/16"	2-3/4" long x 3/8" square
PP27060	1/4"	2-3/4" long x 3/8" square
PP27100	3/8"	3-1/2" long x 9/16" square
PP27125	1/2"	3-1/2" long x 3/4" square

Figure Sets 0-9 (10 characters)

PART NO.	CHARACTER SIZE	BLANK SIZE
PP10030	1/8"	2-1/2" long x 1/4" square
PP10050	3/16"	2-3/4" long x 3/8" square
PP10060	1/4"	2-3/4" long x 3/8" square
PP10080	5/16"	3-1/2" long x 1/2" square
PP10100	3/8"	3-1/2" long x 9/16" square
PP10125	1/2"	3-1/2" long x 3/4" square

DOTSTRESS MARKING LETTERS & FIGURES

Dotstress marking type is for use in applications which dictate that lower stress levels are introduced into the component being marked. This is usually a requirement for Aerospace, Nuclear, Oil and Gas installations and some M.O.D. work.

Letter Sets A-Z (26 letters)

PART NO.	CHARACTER SIZE	BLANK SIZE
PPDS26030	1/8"	2-1/2" long x 1/4" square
PPDS26050	3/16"	2-3/4" long x 3/8" square
PPDS26060	1/4"	2-3/4" long x 3/8" square
PPDS26080	5/16"	3-1/2" long x 1/2" square

Figure Sets 0-9 (10 figures)

PART NO.	CHARACTER SIZE	BLANK SIZE
PPDS10030	1/8"	2-1/2" long x 1/4" square
PPDS10050	3/16"	2-3/4" long x 3/8" square
PPDS10060	1/4"	2-3/4" long x 3/8" square
PPDS10080	5/16"	3-1/2" long x 1/2" square

PRYOR
MARKING TECHNOLOGY

DOCAP

Engraver

ENGRAVER

•Engraves any surface •Includes extra diamond tip
Part No. 563-080.

ECONOMY TESTERS

Part No. AT-901, Antifreeze tester.
Part No. BT-901, Battery tester.

THEXTON MFG.

Testers

THEXTON

COLD-CHEK® PROFESSIONAL ANTI-FREEZE TESTER

•Disc type anti-freeze tester •Use for Dex-Cool® and other long life automotive coolants •Large professional size (16-1/4") tester is accurate at all temperatures •Tests coolant, hot or cold •Easy to read discs are magnified by convex design •One piece bulb and neoprene dip tube
Part No. 106.

PROPYLENE GLYCOL ANTI-FREEZE COLD-CHEK® COOLANT TESTER

•For testing propylene glycol anti-freeze used in automotive radiators and also for testing winterized fresh water systems in RVs and boats •Number of floating discs measures level of protection •Temperature compensating tester is accurate whether coolant is hot or cold
Part No. 107.

E-Z-RED

Tester

Part No. 101, E-Z-Red battery tester.
Part No. 102, E-Z-Red antifreeze tester.
Part No. 103, E-Z-Red combination battery and antifreeze tester.
Part No. EZB, Replacement bulb for 101, 102, and 103 testers.

PERFORMANCE TOOL®

Power Pullers & Testers

W4004DB

W4000DB

W1653C

W1641

W1660C

W1655C

Performance Tool®

Part No. W4000DB, 2 Ton Power Puller •Notch-at-a-time safety release •2 ton pulling capacity (rolling) •5 ft. pull length.

Part No. W4004DB, 4 Ton Power Puller •Versatile 3 hook design for multiple rigging methods •Notch-at-a-time safety release •4 ton pulling capacity (rolling - double line configuration) •2 ton pulling capacity (rolling - single line configuration) •10 ft. pull length.

Part No. W1653C, Tube Style Battery Tester •Easy to read colour coded hydrometer •Gives precise readings for status of battery cells •Acid resistant.

Part No. W1641, Battery Filler Bulb •6 oz. capacity bulb •6" flexible spout.

Part No. W1660C, Temperature Compensating Anti-Freeze Tester •Easy to read colour coded hydrometer •Gives temperature corrected readings for best winter protection.

Part No. W1654C, Tube Style Anti-Freeze Tester •Easy to read colour coded hydrometer •Precision calibrated •Easy to use.

Part No. W1655C, Pocket Anti-Freeze Tester •Colour coded balls for easy readings.
Part No. W1666C, Pocket Battery Tester •Colour coded balls for easy readings.

DOCAP

Heavy Duty Power Pullers

1 TON HAND POWER PULLER

•Horizontal pulling capacity: 2000 lbs. (907 kg) •Vertical lifting capacity: 1000 lbs. (453 kg) •Single line cable: 3/16" x 5 mm x 12 ft. •Double line cable: 3/16" x 5 mm x 6 ft. •2 hooks •Single gear and pawl •Includes plastic blow case
Part No. 647-901.

2 TON HAND POWER PULLER

•Heavy duty stamped aluminum •Patent drive pawl and stop pawl •2 drop forged steel hooks with spring safety catches •Double safety switches •3 m (10 ft.) cable •Lifting capacity: 2000 lbs (907 kg) •Maximum lift: 4.5 ft. •Pulling capacity: 4000 lbs. (1814 kg)
Part No. 647-902.

4 TON HAND POWER PULLER

•Heavy duty stamped steel •Twin drive pawl and twin stop pawl •3 drop forged steel hooks with spring safety catches •Double safety switches •3 m (10 ft.) cable •Lifting capacity: 4000 lbs (1814 kg) •Maximum lift: 4.5 ft. •Pulling capacity: 8000 lbs. (3628 kg)
Part No. 647-904.

DOCAP

DUTTON-LAINSON

Fence Stretcher-Splicers

GoldenRod Fence Stretcher-Splicers are built for easy operation. Splice, stretch, and reposition wire. When splicing wire, the unit holds the ends in place so both hands are free to make the splice. Unique features allow other operations to be made with one hand when necessary. For high tensile, barbed, and smooth wire.

Part No. 400, Fence stretcher-splicer - standard model - original, reliable design.
Part No. 405, Fence stretcher-splicer - with controlled release holding ratchet, reduced line breakage.
Part No. 415, Fence stretcher-splicer - with new patented third hook design which allows for longer pulls without resetting tool.
Part No. 445, Set of 2 improved cast wire guides for high tensile wire. Fits #400, 405, 415.
Part No. 400-5, Replacement springs set for #400 and 415.
Part No. 405-5, Replacement springs set for #405.

400

415

Fence Staple Driver

GoldenRod Hired Hand Staple Driver is like having an extra pair of hands. Just grip the handle and use the guide to position the wire. Staples are fed automatically. Then hit the punch with your hammer to drive the staple in, to the correct depth every time. Left handed? No problem, just reverse the handle and guard and you're ready to go. Less effort. Less time. No cuts from sharp edges. You'll have a fence that will last longer too, thanks to the holding power of our barbed staples.
•FASTER - Positions wire on post and feeds staple
•EASIER - Punch drives staple in with less effort
•SAFER - No smashed finger, no loose staples
Part No. 56650, 420 Staple Driver.
Part No. 56653, 1-1/4" Staple Strips, 352 staples per box.
Part No. 56652, 1-1/2" Staple Strips, 352 staples per box.
Part No. 56651, 1-3/4" Staple Strips, 352 staples per box.

Gate Closer

Features/Benefits: •Open and close gates in a fraction of the time •Minimal effort required •No wires to break or come loose over time •Attach to stationary post or slip outer loop over gate post, pull inner loop back to secure gate
Part No. 435.

OUTSIDE MICROMETER NO. 436 SERIES

These are the most popular precision micrometers used by skilled workmen worldwide. They are accurate, rugged, and easy to use. The 0-6" sizes and 0-150 mm sizes have rugged spindles and anvils sized at .270" (6.8 mm) diameter. 1" and 25 mm models complete in fitted plastic case, 2" and 50 mm and up complete without case. Carbide measuring face; ratchet stop and lock nut.

PART NO.	GRADUATION	RANGE
T436•1XRL-1	.0001"	0-1"
T436•1XRL-2	.0001"	1-2"
T436•1XRL-3	.0001"	2-3"
T436•1XRL-4	.0001"	3-4"
T436•1XRL-5	.0001"	4-5"
T436•1XRL-6	.0001"	5-6"
436•1MXRL-25	0.01 mm	0-25 mm
436•1MXRL-50	0.01 mm	25-50 mm
436•1MXRL-75	0.01 mm	50-75 mm
436•1MXRL-100	0.01 mm	75-100 mm
436•1MXRL-125	0.01 mm	100-125 mm
436•1MXRL-150	0.01 mm	125-150 mm

Part No. 913, Case only for 2" and 50 mm micrometers
Part No. 922, Case only for 3" and 75 mm micrometers
Part No. 952, Case only for 4" and 100 mm micrometers
Part No. 953, Case only for 5" and 125 mm micrometers
Part No. 954, Case only for 6" and 150 mm micrometers

MICROMETER SET WITH STANDARDS NO. S436 SERIES

Recommended for mechanics, automotive service and machine shops, toolrooms, inspection departments, and wherever gauging involves a wide range of measurements. Ratchet stop and lock nut. Graduation is .001". Range: 0-4". Includes 1", 2", 3", and 4" micrometers, with three standards, in attractive protective case.
Part No. S436•1BRLZ.

LIGHT SOLID-ROD INSIDE MICROMETER SET NO. 124 SERIES

These are the most popular inside micrometers because of their lightness, ease of use, and range. They are very useful for measuring inside diameters of cylinders and rings, measuring parallel surfaces, etc. The desired range is obtained by assembling rods and spacing gauges to the micrometer head. Measuring rods are provided with a shoulder that is set accurately in the micrometer head and locked in position.
Rod diameters are approximately 1/4". Each rod has individual length adjustment for the anvil by means of special wrenches furnished.
1/2" movement of screw. 6 measuring rods and one 1/2" gauge. Graduation is .001". Range: 2-8".Complete with protective case.
Part No. 124AZ.

"FAY" SPRING-TYPE DIVIDERS NO. 77 SERIES

Feature exceptionally rugged construction. The legs are made from heavy square stock, machined to a smooth taper. The fulcrum stud is hardened and has a large bearing surface to prevent side deflection of the legs. The quick-adjusting automatic-closing spring nut is designed for making fast, accurate settings. 6" in size and approximate capacity.
Part No. 77B-6.

MICROMETER DEPTH GAUGE NO. 440 SERIES

The depths of holes, slots, shoulders, and projections can be measured to .001" with this fine tool. The No. 440 gauges are furnished with 1/8" diameter measuring rods (#440Z-3RL has 3; #440Z-6RL has 6). Ratchet stop and lock nut. 2-1/2" base length. Complete with an attractive protective case.

PART NO.	GRADUATION	RANGE
440Z-3RL	.001"	0-3"
440Z-6RL	.001"	0-6"

DIAL CALIPER NO. 120 SERIES

The only North American made dial caliper. This is one of the handiest measuring tools available, used by mechanics and tool-makers everywhere. It is direct reading, reliable, and accurate. Graduation is .001". Range: 0-6" •Black dial colour, complete with fitted case.
Part No. B120A-6.

Starrett®

MACHINISTS' IMPROVED LEVEL WITH CROSS TEST VIAL NO. 98 SERIES

These are the finest levels available, used for precision work that is typically required in industry. These levels have a cross test vial and are adjustable. Housed in a friction-fit closing cover to prevent breakage. The 6" level vial has graduations that are approximately 80-90 seconds or .005" per foot.
Part No. 98-6.

ELECTRONIC DIGITAL CALIPER NO. 721 SERIES

The only North American made electronic digital caliper. Three control buttons: •Inch/millimeter conversion •Zero at any position •Hold readout at any position. 6" (150 mm) linear accuracy is +/- .001" (+/- 0.03 mm). Resolution is .0005" (0.01 mm). Range: 0-6" (150 mm) •Complete with fitted plastic case.
Part No. 797B-6-150.

MAGNETIC BASE TEST INDICATOR HOLDER NO. 657AA SERIES

Magnetic base with all attachments; magnetic base, upright base post, snug, rod, indicator attachment and snug complete - 1/4" and 3/8" holes. For use with all test, AGD, dial and miniature-dial indicators. Magnetic base 1-15/16 x 1-5/8 x 1-7/8". Push button on/off switch for one-hand operation. Base has three precision ground magnetic contact points. Grips horizontally, vertically, and upside down. V-step holds base to arbors, shafts, etc. Base has extra 1/4-20 tapped hole on one side for mounting post. Black wrinkle finish on non-working surfaces.
Part No. 657AA.

THIN STEEL TRY SQUARE NO. 21 SERIES

Inner and outer edges are accurate for squareness. Machine-divided graduations on both sides and on inner and outer edges. Blade length 6" and 4". Width 7/8", thickness 1/16", graduations 16ths, 32nds.
Part No. 21.

FLEX-O-POST INDICATOR HOLDER WITH MAGNETIC BASE NO. 657T SERIES

Magnetic base with Flex-O-Post assembly; gauge rod 3/8" x 3" has 5/16, 1/4 and 7/32" steps, adjusting take-up sleeve with locking nut, post snug with 3/8" hole, Flex-O-Post, locking lever and magnetic base with push button on/off switch. For use with all test, AGD, and dial indicators. The flexible post can be adjusted to any position and locked by turning a lever near the magnetic base. This makes it possible to use indicators in awkward places that are hard to reach with conventional holding devices. The post has a vertical reach of approximately 15" and a horizontal reach of approximately 10". The indicator snug on the end of the post can be rotated through 360° and locked in any position. The base has three precision ground magnetic contact surfaces. Grips horizontally, vertically or upside down. V-step holds base to arbors, shafts and chucks.
Part No. 657T.

AUTOMATIC CENTRE PUNCH WITH ADJUSTABLE STROKE NO. 18 SERIES

These punches are universally used, but most often by machinists and carpenters. These all-steel punches automatically strike a blow when downward pressure is applied. No hammer is required, making one hand always free to steady the work. The force of the blow is regulated by the adjustable knurled cap. The point can be easily removed for grinding and/or replacement.
Part No. 18AA, 4" length, 7/16" diameter.
Part No. 18C, heavy duty, 5-1/4" length, 11/16" diameter.

UNIVERSAL BACK-PLUNGER DIAL TEST INDICATORS NO. 196 SERIES

This general purpose test indicator is one of the most versatile indicators available. It is accurate and reliable, simple to operate, rugged and smooth in operation. Has rotatable dial bezel. This indicator with graduations to .001" and a range of .200" will handle by far the majority of jobs. Shank diameter is 1/4". Dial reading 0-100.
Part No. 196A6Z, Anti-magnetic indicator with 3 contact points, 3 attachments which include clamp, tool post holder, snug, and hole attachment. Complete with case.
Part No. 196B6, Anti-magnetic indicator with 3 contact points only.

DIAL INDICATOR NO. 25 SERIES AGD GROUP 2

These indicators have a shockless, hardened steel gear train and jewel bearings for smooth, sensitive action and long wear life. They are furnished with a top lift and lug-on-centre back. Hardened stainless steel rack, pinions, gears and bottom stem resist shock and extend life. Rotatable, serrated-grip bezel lock, contact point is interchangeable. Easy to read dial style. Inch reading model with jewel bearings. Graduation 0.001", one rev. range 0.100", total range 1.00". Dial reading 0-100. Rugged indicator, yet lightweight.
Part No. 25-441J.

DIAL INDICATOR ACCESSORIES

Part No. 657S, Snug.
Part No. 657Y, Indicator attachment.

END MEASURING RODS WITH SPHERICAL ENDS NO. 234 SERIES

These rods or "standards" are for checking and setting micrometers of 2" capacity and larger, and are also used on machine tools for comparing gauges, checking precision measuring tools, for measuring parallel surfaces, and many other types of work. They are made of special tool steel in rod form with ends hardened and accurately lapped to a spherical radius. Furnished without insulated handle for all black enamelled frame micrometers.

PART NO.	LENGTH
234MB-25	25 mm
234MB-50	50 mm
234MB-75	75 mm
234MB-100	100 mm
234MB-125	125 mm
234B-1	1"
234B-2	2"
234B-3	3"
234B-4	4"
234B-5	5"

6" ELECTRONIC DIGITAL CALIPER
Part No. IPTM4306.
(Uses replacement battery #357BP.)

6" DIAL CALIPER
Part No. IPTM5006.

VERNIER CALIPER
Part No. IPTM5916, 6".
Part No. IPTM5918, 8".

6 pc. SNAP GAUGE SET
Part No. IPTM5501.

OUTSIDE MICROMETER
Part No. IPTM101, Range 0-1" x 0.001".

DISC BRAKE MICROMETER
Part No. IPTM7001, Range 0.3 - 1.3" x 0.001".

DIAL INDICATOR
Part No. IPTM5411, Range 0-1" x 0.001".

MAGNETIC BASE FOR DIAL INDICATOR
Part No. IPTM6306.

Non-Contact Infrared Thermometer

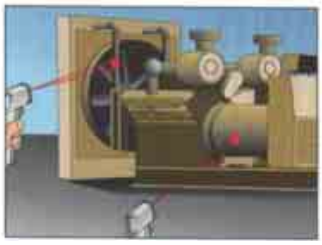
- Precise non-contact measurements
- Built in laser pointer
- °C/°F switchable button
- Automatic Data Hold
- Auto power off
- The meter at 8" away measures 1" target
- Backlit LCD display

Temperature Range: -20 to 270°C (-4 to 518°F)
Accuracy: ± 2% of reading or ± 2°C/±4°F
Part No. DT-8810.

Temperature Range: -20 to 450°C (-4 to 842°F)
Accuracy: ± 2% of reading or ± 2°C/±4°F
Part No. DT-8811.

DT8811

DT8810



RAYTEK

Specialty Non-Contact Thermometers

Raynger ST Series

These hand held, non-contact thermometers use infrared technology to measure the temperature of materials up close, or from a distance. You simply aim, pull the trigger, and read the temperature on a large, backlit LCD display. Lightweight, compact, and easy to use, the Raynger ST can safely measure hot, hazardous, or hard-to-reach materials without contaminating or damaging the material's surface. Many applications: automotive, HVAC, food safety, industrial/electrical, and more. Battery powered — included.

Features	Part Nos. ST-20	ST-60	ST-80
Emissivity	pre-set to 0.95	adj. 0.3 to 1.0	adj. 0.3 to 1.0
Laser Sighting	single point	8 point circular	8 point circular
MAX, MIN, DIF, AVG temperature	MAX only	✓	✓
Recall last reading		✓	✓
Display hold (7 seconds)	✓	✓	✓
HI/LO audible and visible alarms		✓	✓
LCD backlight	✓	✓	✓
Temperature display	0.2°C (0.5°F)	0.1°C/F	0.1°C/F
Temperature range	-32 to 400°C	-32 to 600°C	-32 to 760°C
	-25 to 750°F	-25 to 1100°F	-25 to 1400°F
D:S (distance to spot size) (90% energy)	12:1	30:1	50:1
Hard carrying case	✓	✓	✓

MINITEMP INFRARED THERMOMETERS

Portable IR thermometers have become indispensable tools for automotive troubleshooting and diagnostics. Quick noncontact temperature measurements make it easy to spot cooling systems faults, identify engine misfires, check for proper A/C performance, verify catalytic converter operation and much more.

The MiniTemp MT6 is the ideal introduction to noncontact thermometers for technicians new to infrared. Features the popular single dot laser sighting system and the large temperature display provides current and maximum readings together while scanning, all in a conveniently sized handheld tool with a protective boot for added durability.

The MiniTemp MT4 provides great ways to solve common temperature measurement problems, and is small enough to fit in your pocket! Includes single dot laser sighting to assist with aiming.

NEW!!

Features	Part Nos. MT4	MT6
Emissivity	pre-set at 0.95	pre-set at 0.95
Laser Sighting	✓	✓
Response Time	500 mSec	500 mSec
Typical Distance to Target (Spot)	Up to 1.5 m	Up to 2 m
Temperature display	°C or °F selectable	°C or °F selectable
Temperature range	-18 to 400°C	-30 to 500°C
	0 to 750°F	-20° to 932°F
D:S (distance to spot size)	8:1	10:1
Protective Boot	No	Yes

Part No. MTCASE, MiniTemp soft case with wrist strap.

Raytek
A Fluke Company

CEM

Digital Multimeters

•9 functions include DC/AC voltage; DC/AC current; resistance; capacitance; diode; transistor; continuity test •Fused current inputs and overload protection on all ranges •Auto power off saves battery life •Complete with 9 volt battery, test leads, and rubber holster •Dimensions/Weight: 147 x 70 x 39 mm; 205 grams
Part No. DT9602A.

•10 functions include DC/AC voltage; DC/AC current; resistance; capacitance; temperature; diode; transistor; continuity test •Fused current inputs and overload protection on all ranges •Complete with 9 volt battery, test leads, and rubber holster •Dimensions/Weight: 147 x 70 x 39 mm; 205 grams
Part No. Part No. DT9603.

•9 functions include DC/AC voltage; DC current; resistance; diode; transistor; test signal output; audible continuity and battery condition test •Fused current inputs and overload protection on all ranges •Complete with rubber holster, test leads, and 9 volt battery •Dimensions/Weight: 147 x 70 x 39 mm; 190 grams
Part No. Part No. DT9605.

Digital Multimeter Mini Clamps

DC/AC 200A Mini Clamp DMM. •0.9" (23 mm) clamp jaw opening •Resolution to 10mA DC current measurements •Measures DC/AC current; DC/AC voltage; resistance; temperature •Continuity check •One touch "Auto Zero" for DCA measurements •Data hold •Large 0.68" 3-1/2 digit LCD display with low battery indication •Dimensions/Weight: 181 x 43 x 30 mm; 225 grams •Complete with K thermocouple temperature probe, test leads, carrying case, and 9 volt battery
Part No. DT9701.

DC/AC 600A Mini Clamp DMM. •1.2" (30 mm) clamp jaw opening •Resolution to 100mA DC current measurements •Measures DC/AC current; DC/AC voltage; resistance; temperature •Continuity check •One touch "Auto Zero" for DCA measurements •Data hold •Large 0.68" 3-1/2 digit LCD display with low battery indication •Dimensions/Weight: 208 x 43 x 33 mm; 290 grams •Complete with K thermocouple temperature probe, test leads, carrying case, and 9 volt battery
Part No. DT9700.

JOURNEYMAN CARPENTER APRON

Made of full grain sierra tan leather with five reversed nail pockets for easy access (two large and three small). Centre pocket for tape or other tools. Steel hammer holder, pencil holder. Heavy leather belt with roller buckle. Reinforced at all stress points.
Part No. AP-630.

JOURNEYMAN CARPENTER APRON

Same as #AP-630, except heavy split grain leather.
Part No. AP-625.

CARPENTER APRON

Made of split grain leather with two reversed nail pockets for easy access. Leather hammer holder, with pencil holder. Adjustable belt with twist-loc buckle. Reinforced at all stress points.
Part No. AP-604.

COMPONENT POUCH — LEFT SIDE

Made of all-weather brown loggertan leather. Has extra large reversed main pouch with large reversed front pouch, easy accessible top pouch and three small utility pockets. Has three backwall tool pockets and additional side tool slots for saw or cat's claw. Roll over style back for multi-positioning on belt. Will fit on belt up to 3-1/2".
Part No. AP-450L.

JOURNEYMAN CARPENTER HALF APRON

Made of split grain leather with one large and one small reversed nail pocket for easy access. Steel hammer holder and leather pencil holder. Roll over type back. Fits any size belt up to 3". Reinforced at all stress points.
Part No. AP-719.

JOURNEYMAN ELECTRICAL POUCH

Made of heavy top grain leather. Has a large accessible tool pouch with inside corrugated strip for screw drivers and small wrenches. Large front dividers for extra tools. Tape chain and quick release snap. Roll over type back to fit most industrial belts up to 4". Rivet reinforced at all stress points.
Part No. EL-807.

ELECTRICAL SIDE POUCH

Made of full grain leather. Roll over back to fit industrial belt up to 3-1/2" wide. Foldover flap with snaps to secure fittings inside. Size large enough for easy access.
Part No. EL-803.

SWING HAMMER HOLDER

Made of heavy top grain leather. This free-swinging holder keeps hammer vertical during bending and kneeling. Slotted belt loop to fit up to 2-1/4" belt.
Part No. HM-219.

HAMMER & KNIFE OR TOOL HOLDER

Made of top grain leather. Lock stitched, rivet reinforced. Cradle design steel hammer holder. Roll over type back.
Part No. HM-216.

BULL PIN HOLDER

Made of durable top grain leather. Slotted belt loop to fit up to 2-1/4" belt.
Part No. PL-17.

PLIER POUCH

Made of heavy top grain leather. Fits almost all pliers. Rollover type back.
Part No. PL-19.

UTILITY KNIFE & PLIER HOLDER

Made of heavy top grain leather. All rivet construction. Fits most standard utility style trim knives and most pliers. Slotted belt.
Part No. PL-21.

PIPE & CRESCENT WRENCH POUCH

Made from heavy top grain leather. Holds 8" crescent wrench and 8" pipe wrench. Slotted belt loop to fit up to 3" belt.
Part No. PL-36.

FLASHLIGHT HOLDER

Made of durable top grain leather. Fits a large variety of flashlights. Fold over belt loop with snaps easily attaches to belt.
Part No. PL-9.

FLASHLIGHT HOLDER

Made of heavy top grain leather. All rivet construction. Fits all standard flashlights. Slotted belt loop.
Part No. PL-10.

Leather Products

MISCELLANEOUS TOOL POUCH
Made of full grain leather. Designed to fit assorted utility items: pens, markers, tape, utility knife etc. Rivet reinforced. Slotted belt loop to fit up to 2" belt.
Part No. PH-38.

UTILITY KNIFE, PEN/PENCIL HOLDER
Made of full grain leather. Designed to fit pen/pencil and utility knife. Comes with quick release snap belt loop.
Part No. PH-40.

WELDER'S POUCH
Made of durable split leather. Large pouch for welding rod with a snap for striker. Reinforced rivet construction. Roll over type back.
Part No. WR-100.

BULL PIN/BOLT BAGS
The design of this large capacity canvas bolt bag has met acceptance among iron workers and trades alike. Deep bag holds a generous supply of bolts, etc. Tapered tool loop on each side for carrying bull pins. Double bottom for added durability. Sturdy 3" nylon belt loops.
Part No. SW-721.

THE PRO CONTRACTOR BAG
Made of water resistant nylon material providing strength and durability. 22 pocket design provides excellent storage space for a multiple of tools, power tools, and accessories. Open mouth design for easy top access. Bottom is foam padded for protection of contents while providing a framework for the tote. Web outer pockets provide additional outside storage. Padded web handles and shoulder carrying strap included.
Part No. SW-797.

30 POCKET BUCKET BUDDY
Made of durable cordura nylon. Contains 30 pockets for a large assortment of tools and gear. Easily attaches to any five gallon bucket. Highly appreciated by plumbers, masons, servicemen, and do-it-yourselfers.
Part No. BB-32.

Wrench Case, Belts, Suspenders & Knee Pads

WRENCH CASE
Made of durable split leather. Holds full open end wrench set. Fold over flap to hold wrenches in place. Comes with leather string tie. Reinforced at all stress points.
Part No.WR-203.

HEAVY NYLON BELT
Made of heavy nylon 2" in width with a high quality twist-loc steel buckle.
Part No. EL-904.

INDUSTRIAL BELT
Made of top grain leather. 2" in width, with heavy roller buckle.
Part No. EL-901.

2" ELASTIC/NYLON INDUSTRIAL SUSPENDERS
Comfort and support in an industrial suspender. Made of durable 2" heavy nylon with elastic material from the double full grain leather cross patch in the rear, down to the clips. Fully adjustable to fit all sizes. Heavy duty steel construction clips provide long lasting grip and durability. Black.
Part No. SP-17BL.

POLY CAP KNEE PADS
Made of durable nylon material, with a protective poly cap. Fully stitched cap provides long lasting durability. High density foam provides long lasting comfort. 1-1/2" elastic straps with Velcro closures.
Part No. KP-295.

HEAVY DUTY LEATHER KNEE PADS
Made of top grain heavy leather. Designed for heavy duty professional use. Comfortable 3/4" felt lining provides long lasting comfort and support. Riveted construction provides durability and strength. Adjustable leather straps with heavy duty steel hardware.
Part No. KP-300.

ACCORDION KNEE PADS
Accordion top provides comfort while standing. Flexible outer shell with thick closed cell foam provides extreme comfort. Thermoplastic rubber straps prevents pad from sliding out of position, while preventing knee joint stress.
Part No. KP-309.

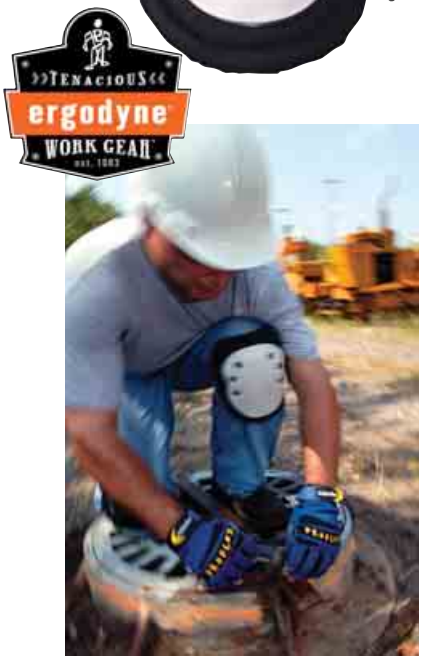
DURABLE FOAM PADS
Made of durable molded dense foam material. Two 1-1/4" elastic straps with Velcro fastener. Designed for comfort and support in a lightweight pad.
Part No. KP-314.

MECHANIX WEAR
Team Issue Knee Pads

TEAM ISSUE KNEE PADS
Features: •Rubberized interior surface adheres to pit crew clothing, eliminates slippage, keeps pad firmly in position •Anatomically correct left/right design •Thermal plastic elastomer injection molded exterior knee plate features pliable, durable rubber surface to disperse impact over wider area •3 mm neoprene full coverage wrapped construction offers superior protection and support for professional pit crews •Multi layered EVA foam padding conforms to contour of individual knees •Dual stage upper/lower extra wide hook and loop closures provides complete adjustability •Nylon web pull strap allows ease of installation and quick adjustment •One size fits all •Black
Part No. MKP-05-700.

ERGODYNE®
Proflex® Knee Pads

PROFLEX® HEAVY DUTY KNEE PADS
Feature longer cut cushions plus support areas above, below, and around the knee. Superior buckle and hook and loop closures make for easy donning and doffing. •Abrasion resistant long hard cap stands up to tough environments •840D nylon fabric cover •½" EVA padding •Wicked™ treated •One size •Black with white caps
Part No. 315.



PROFLEX® HEAVY DUTY KNEE PADS — SLIP RESISTANT
Feature longer cut cushions plus support areas above, below, and around the knee. Superior buckle and hook and loop closures make for easy donning and doffing. •Slip-resistant long rubber cap to grip work surfaces •840D nylon fabric cover •½" EVA padding •Wicked™ treated •Black grommets •Black with black caps •One size
Part No. 335.

PROFLEX® GEL KNEE PADS
•1680D ballistic nylon outer shell for puncture resistance •12 mm NBR gel padding for maximum comfort and support •Cut-resistant, abrasion-resistant, and non-marring 420D nylon and Hypalon rubber composite pad •Slip-resistant durable nylon-rubber surface to grip work surfaces •Breathable neoprene stretch strap adjusts for secure, comfortable fit •Hook and loop closure •Wipe clean with a damp cloth •One size
Part No. 350.

PROFLEX® LIGHT DUTY SERIES KNEE PADS
•Lightweight, slip-on elbow pads with soft outer cloth and foam padding •Woven elastic sleeve for easy on and off •Wear over or under clothing •Machine washable •Universal size
Part No. 260.

KNEELING PADS
The perfect protection for static kneeling situations. •Non-conductive, silicone free •Closed cell foam rubber •Resistant to petroleum products •3 sizes to choose from •1" thick
Part No. 380, 14" x 21".
Part No. 385, 16" x 28".
Part No. 390, 18" x 36".

100% Canadian!!!!

Section B

Power Tools

Look!
Fresh out of the crate!!
What's New In this Section?
We've highlighted new-product lines in this section with a "New" logo.
Please Note: Many existing product lines have been expanded and may not be listed on this quick index.
FRAGILE
HANDLE WITH CARE
Product Line
Jacobs® Chuck ..... B25 - B28
Baldor Industrial Grinders B41
Ridgid Tools (Equipment) ..... B42 - B49
Section B
Gregg Distributors Ltd.

Makita Lithium-Ion Extreme Technology

•LXT Makita Cordless Advantage:
LXT tools have been designed specifically for Lithium-Ion technology and redefine "Cordless" by delivering 18V power in the weight of a 12V tool.
•More Power:
The new Makita built, 4-pole maximum torque motor delivers more efficient power in a compact size. Energy is generated every 90° on the magnetic field rather than 180° like the competition. The motor is supported with two steel ball bearings for more durability.
•Less Weight - Better Fit:
With a more compact design, LXT are 40% lighter but deliver 18V power with the weight of a 12V. Plus they are ergonomically designed to fit like a glove for even pressure on the hand and added control.
•More Work:
Makita's LXT Lithium-Ion Batteries and Optimum Charging System produce 280% more lifetime work with 2x more battery cycles than traditional Ni-Cd batteries. LXT Lithium-Ion also provides longer run time, 5x lower self-discharge (for use any time) and sixteen firm holding contact terminals (for constant high power). The 45 minute Optimum Charger and battery communicate throughout the charging process using the built-in memory chip in the battery and the built-in CPU chip in the charger. Combined, these two elements recognize the charging history and condition of the battery and select the optimal charging method. The optimal charging method uses "3 Active Controls" for current control, thermal control and voltage control. The charger also has a built-in fan to cool the battery to produce more lifetime work.

4-PIECE COMBO KIT - 18 Volt
Part No. LXT400

Comes with:
•1/2" Hammer Driver Drill
•Impact Driver
•6½" Circular Saw
•Flashlight
•Charger
•LXT Lithium-Ion 3.0Ah battery

1/2" HAMMER DRIVER-DRILL KIT - 18 Volt
Part No. BHP451

Features:
•4-pole motor produces 560 in.lbs. of torque
•3-speed all metal transmission
•Two built-in L.E.D. lights
Includes: (2) LXT Lithium-Ion 3.0Ah Battery, 45 minute Optimum Charger, Screwdriver bits, Tool case

SPECIFICATIONS

Capacities	Steel (1/2"), Masonry (5/8")
No load speed (RPM):	1st (0-300), 2nd (0-600), 3rd (0-1,700)
Blows per min. (BPM):	1st (0-4,500), 2nd (0-9,000), 3rd (0-25,500)
Maximum torque	560 in./lbs.
Overall length	9-7/8"
Net weight	4.9 lbs. (w/battery)

1/2" DRIVER-DRILL KIT - 18 Volt
Part No. BDF451

Features:
•4-pole motor produces 560 in.lbs. of torque
•3-speed all metal transmission
•Two built-in L.E.D. lights
Includes: (2) LXT Lithium-Ion 3.0Ah Battery, 45 minute Optimum Charger, Screwdriver bits, Tool case

SPECIFICATIONS

Capacities	Steel (1/2"), Wood (2-9/16")
No load speed (RPM):	1st (0-300), 2nd (0-600), 3rd (0-1,700)
Maximum torque	560 in./lbs.
Overall length	9-3/8"
Net weight	4.6 lbs. (w/battery)

1/4" IMPACT DRIVER KIT - 18 Volt
Part No. BTD140

Features:
•4-pole motor produces 1,280 in.lbs. of torque
•40% more compact at only 5-3/4" length
•Built-in L.E.D. light
Includes: (2) LXT Lithium-Ion 3.0Ah Battery, 45 minute Optimum Charger, Tool case

SPECIFICATIONS

Hex shank	1/4"
No load speed (RPM):	0-2,300
Impacts per min. (IPM):	0-3,200
Maximum torque	1,280 in./lbs.
Overall length	5-3/4"
Net weight	3.3 lbs. (w/battery)

RECIPRO SAW - 18 Volt
Part No. BJR181Z

Features:
•50% faster cutting with 1-1/8" stroke at 2,900 SPM
•Totally tool-less blade changes & shoe adjustment
•Retractable sky hook for hanging off rafters

SPECIFICATIONS

Length of stroke	1-1/8"
Strokes per minute	0-2,900 SPM
Overall length	19-5/8"
Net weight	8.1 lbs. (w/battery)

ACCESSORIES

Part No. 194205-3, 18V LXT Lithium-Ion 3.0Ah Battery.
Part No. DC18RA, LXT Lithium-Ion Charger.

makita
INDUSTRIAL POWER TOOLS

Cordless Power Tools

Makita eXtreme Technology

•MXT Makita Cordless Advantage:
Heavy duty two-piece high power motor featuring a rare earth magnet for increased torque. Locking single sleeve ratcheting chuck is resistant to loosening during operation. The only true 3 mode Hammer/Driver/Drill (8444DWFE). Lever moves to hammer, drill, or driver. No competitive model has this feature. The Makita MXT has a decibel rating of only 76.1 db. Featuring a true aluminum housing for the gears assembly and double sealed ball bearing for longevity of use and dust protection. The MXT drills use different pieces for the motor assembly, armature, and field for reduced replacement costs.

•Metal Planetary Gears:
Precision machined components provide reliable and efficient transmission of power and torque from the motor to the chuck in even the most demanding applications.

•2-Piece Motor:
Makita's modular motor construction allows for easy serviceability and longer tool life. As each component wears out, it can be easily replaced for a fraction of the cost of an entire new motor.

•Easy Mode Selector:
Greater versatility is achieved at the slide of a lever to go from Hammering to Drilling to Driving (on the 8444DWFE only)

•3-Speed Gearing:
The new 3 speed gearing now allows for more efficiency in a wider range of uses. Low range for extreme duty applications. Mid range for heavy duty and high range for optimum light duty use.

•Total Control Trigger:
With true Variable Speed Control.

1/2" MXT CORDLESS DRIVER DRILL - 14.4 VOLT

Part No. 6339DWFE- Variable Speed
•Comes with 2 batteries, charger, 2 each Phillips/slotted bits, side handle, plastic carrying case, 2/battery cover

Part No. 193139-7, 14.4 V, 3 Ah Ni-MH replacement battery.

SPECIFICATIONS
Battery ..... 14.4 V (3 Ah) Ni-MH
Capacities:
Steel ..... 1/2"
Wood ..... 2"
No Load Speed:
1st speed..... 0-300 RPM
2nd speed..... 0-600 RPM
3rd speed..... 0-1700 RPM
Fastening Torque..... 450 in./lbs.
Overall Length ..... 9-7/8"
Net Weight..... 5.1 lbs.

1/2" MXT CORDLESS DRIVER DRILL - 18 VOLT

Part No. 6349DWFE- Variable Speed
•Comes with 2 batteries, charger, 2 each Phillips/slotted bits, side handle, plastic carrying case, 2/battery cover

Part No. 193140-2, 18 V, 3 Ah Ni-MH replacement battery.

SPECIFICATIONS
Battery ..... 18 V (3 Ah) Ni-MH
Capacities:
Steel ..... 1/2"
Wood ..... 2-9/16"
No Load Speed:
1st speed..... 0-300 RPM
2nd speed..... 0-600 RPM
3rd speed..... 0-1700 RPM
Fastening Torque..... 560 in./lbs.
Overall Length ..... 9-7/8"
Net Weight..... 5.7 lbs.

1/2" MXT CORDLESS HAMMER DRIVER DRILL - 18 VOLT

Part No. 8444DWFE- Variable Speed
•Comes with 2 batteries, charger, 2 each Phillips/slotted bits, side handle, plastic carrying case, 2/battery cover

Part No. 193140-2, 18 V, 3 Ah Ni-MH replacement battery.

SPECIFICATIONS
Battery ..... 18 V (3 Ah) Ni-MH
Capacities:
Steel ..... 1/2"
Wood ..... 2-9/16"
Masonry..... 5/8"
Blows per Minute:
1st speed..... 0-4500 BPM
2nd speed..... 0-9000 BPM
3rd speed..... 0-25,000 BPM
No Load Speed:
1st speed..... 0-300 RPM
2nd speed..... 0-600 RPM
3rd speed..... 0-1700 RPM
Fastening Torque.... 560 in./lbs.
Overall Length ..... 10-3/8"
Net Weight..... 6 lbs.

1/2" CORDLESS DRIVER DRILL KIT - 18 VOLT

Part No. 6390DWPE - Variable 2-Speed, Reversible
•True variable two speed (0-350 rpm; 0-1,200 rpm) for controlled drilling •1/2" keyless chuck •16 torque settings plus drill mode for optimum torque control •Electric brake for added control and comfort •Ergonomic and compact design featuring rubber inlay grip and high power to weight ratio •Includes (2) 18V Ni-MH batteries, charger, Phillips bit, 1/2" keyless chuck, battery covers and plastic carrying case.

SPECIFICATIONS
Battery .....18 V (1.3 Ah) Ni-MH
Capacities:
Steel .....1/2"
Wood .....1-7/16"
No Load Speed:
Low.....0-350 RPM
High .....0-1200 RPM
Maximum Torque .....375 in./lbs.
Overall Length .....8-5/8"
Net Weight.....4.9 lbs.

3/8" CORDLESS DRIVER DRILL KIT - 14.4 VOLT

Part No. 6280DWPE- Variable 2-Speed, Reversible
•Increased output power for more efficient operation •Keyless drill chuck of Makita original design •Ergonomic design soft grip for vibration absorption and comfortable operation •High/low speed change lever •Heavy duty gear assembly •Compact design with a reduced body length of only 7-9/16" •Comes with Phillips bit, battery, and charger

Part No. 638350-9-2, 2-pack 14.4 V, 1.3 Ah Ni-Cad replacement batteries.

SPECIFICATIONS
Battery ..... 14.4 V
(1.3 Ah) Ni-Cd
Capacities:
Steel ..... 3/8"
Wood ..... 1"
No Load Speed:
Low..... 0-350 RPM
Hi ..... 0-1300 RPM
Max. Torque.... 177 in./lbs.
Net Weight..... 3.5 lbs.

3/8" CORDLESS DRIVER DRILL KIT - 12 VOLT

Part No. 6270DWPE- Variable 2-Speed, Reversible
•Increased output power for more efficient operation •Keyless drill chuck of Makita original design •Ergonomic design soft grip for vibration absorption and comfortable operation •High/low speed change lever •Heavy duty gear assembly •Compact design with a reduced body length of only 7-9/16" •Comes with Phillips bit, battery, and charger

Part No. 638347-8-2, 2-pack 12 V, 1.3 Ah Ni-Cad replacement batteries.

SPECIFICATIONS
Battery ..... 12 V (1.3 Ah) Ni-Cd
Capacities:
Steel ..... 3/8"
Wood ..... 1"
No Load Speed:
Low..... 0-350 RPM
Hi ..... 0-1300 RPM
Max. Torque.... 159 in./lbs.
Net Weight..... 3.3 lbs.

100% Canadian.

3/8" CORDLESS DRIVER DRILL KIT - 9.6 VOLT

Variable 2-Speed, Reversible
•Increased output power for more efficient operation •Keyless drill chuck of Makita original design •Ergonomic design soft grip for vibration absorption and comfortable operation •High/low speed change lever •Heavy duty gear assembly •Compact design with a reduced body length of only 7-9/16" •Comes with Phillips bit, battery, and charger
Part No. 6260DWPE.

Part No. 638344-4-2, 2-pack 9.6 V, 1.3 Ah Ni-Cad replacement batteries.

SPECIFICATIONS
Battery ..... 9.6 V (1.3 Ah) Ni-Cd
Capacities:
Steel ..... 3/8"
Wood ..... 13/16"
No Load Speed:
Low ..... 0-350 RPM
Hi ..... 0-1300 RPM
Max. Torque ..... 124 in./lbs.
Net Weight ..... 3.1 lbs.

3/8" CORDLESS ANGLE DRILL KIT - 9.6 VOLT

Variable Speed, Reversible
•Ideal for close quarter drilling or driving; measures only 4-1/2" from tip of chuck to widest portion of tool body •Variable speed for pinpoint hole positioning •Keyless chuck for fast and easy bit installation •Electric brake stops chuck quickly •Compact, well balanced and light weight for easy maneuverability •Overload protector helps prevent motor burnout •Includes battery, charger, keyless chuck, plastic carrying case
Part No. DA391DW.

SPECIFICATIONS
Battery ..... 9.6 VDC (1.3Ah) Ni-Cad
Capacities:
Steel ..... 3/8"
Wood ..... 1/2"
Wood Screw ..... #9 x 3/4"
No Load Speed ..... 0-800 RPM
Max. Tightening Torque ..43.4 in./lbs.
Net Weight ..... 2.9 lbs.

18 VOLT CORDLESS FLASHLIGHT

•4 position flashlight head
•Uses 18 V batteries #1822 and #1833
Part No. ML180.

Replacement Bulbs:
Part No. A-90261, 2 pack.

SPECIFICATIONS
Continuous Use ..... 180 min.
Overall Length ..... 12-3/4"
Net Weight ..... 0.66 lbs.

14.4 VOLT CORDLESS FLASHLIGHT

•4 position flashlight head
•Uses 14.4 V batteries #1422 and #1433
•Bulb #A90233
Part No. ML140.

SPECIFICATIONS
Continuous Use ..... 160 min.
Overall Length ..... 10-11/16"
Net Weight ..... 0.59 lbs.

12 VOLT CORDLESS FLASHLIGHT

•4 position flashlight head
•Uses 12 V batteries #1233, #1222, #1220, #1201A, #1201and #1200
•Bulb #A90233
Part No. ML120.

SPECIFICATIONS
Continuous Use ..... 130 min.
Overall Length ..... 10-11/16"
Net Weight ..... 0.57 lbs.

9.6 VOLT CORDLESS FLASHLIGHT

•4 position flashlight head
•Uses 9.6 V batteries #9000 and #9033
•Pivoting head
•Bulb #192545-3
Part No. ML902.

SPECIFICATIONS
Continuous Use ..... 120 min.
Overall Length ..... 12-13/16"
Net Weight ..... 0.55 lbs.

7.2 VOLT CORDLESS FLASHLIGHT

•4 position flashlight head
•Uses 7.2 V batteries #7000
•Pivoting head
•Bulb #192242-1
Part No. ML702.

SPECIFICATIONS
Continuous Use ..... 120 min.
Overall Length ..... 11-1/8"
Net Weight ..... 0.51 lbs.

Power Tools

3/4" HAMMER DRILL - 2-Speed, Variable Speed, Reversible

•All ball and needle bearings for long life •2-speed gear change for ideal speed and power •Variable speed switch for easy starting of holes •Depth setting rod for "drop-in" type anchors •Powerful 6 amp motor for continuous use •Adjustable side handle for greater control •Double insulated •0 - 46,000 blows per minute (high); 0 - 18,000 blows per minute (low) •Overall length 13-3/4" •Includes drill chuck, chuck key, steel tool case, side handle
Part No. HP2010N.

1/2" HAMMER DRILL - 2-Speed, Variable Speed, Reversible

•Two tools in one; quick disengagement from drilling with or without hammering •4.8 amp motor delivers more output power for increased performance •Larger carbon brushes for 30% longer brush life •Compact and lightweight •Adjustable depth guide and side handle mount on either side of the tool •0 - 22,000 blows per minute (high); 0 - 8800 blows per minute (low) •Includes side handle, chuck key, drill chuck, depth rod assembly, steel tool case
Part No. NHP1310.

1/2" HAMMER DRILL - Variable Speed, Reversible

•Dual purpose for "Rotation only" or "rotation with hammering" •Designed for low noise and reduced vibration •In-line positive grip design maximizes power thrust •Recessed lock-on button for continuous use •Large trigger switch for easy operation •Belt clip designed for keeping your tool close at hand •360° swivel side handle for convenient operation •Includes grip assembly, depth rod, keyless chuck •0 - 44,800 blows per minute •Overall length 11-3/4"
Part No. HP1621K.

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INDUSTRIAL POWER TOOLS

1/2" DRILL - Reversible

•Rocker switch for easy one handed reversing •D-handle rotates 360° for multi-position operation •6.3 amp •550 RPM with double gear reduction for added torque •Ball and needle bearing construction •Heavy duty industrial 1/2" chuck •Handy chuck key retained in handle to prevent loss •Overall length 13-3/8" •Includes top handle, drill chuck, chuck key

Part No. 6013BR.

Part No. 191947-0, Replacement brushes for #6013BR.

1/2" DRILL - Variable Speed, Reversible

•Powerful 6.5 amp motor for heavy duty continuous production work •Industrial metal gear housing for durability and long tool life •Variable speed (0 - 550 RPM) for controlled drilling •Heavy duty ½" drill chuck •Compact and lightweight •Large and conveniently located recessed lock-on button •Belt clip attaches tool to belt or holster •Side handle can be attached to either side •Double insulated •Overall length 11¼" •Includes drill chuck, chuck key, side handle and plastic carrying case

Part No. 6302HK.

3/8" DRILL - Variable Speed, Reversible

•Powerful 5.2 amp motor for super duty performance •Variable speed (0 - 1200 RPM) for drilling in a variety of materials •Separate reversing switch for using as a screwdriver •Lightweight and well balanced •Variable speed with lock-on button •Heavy duty industrial drill chuck •All ball and needle bearing construction •Double gear reduction for extra power •Convenient belt clip •Overall length 10-3/8" •Includes drill chuck, chuck key

Part No. 6402.

3/8" DRILL - Variable Speed, Reversible

•Heavy duty 3.5 amp high torque motor for production work •High power-to-weight ratio (3.3 lbs.) •0 - 1050 RPM for all drilling applications •All ball bearing construction •Well balanced and has conveniently located lock-on button •Separate reversing switch for ease of operation •Convenient belt clip •Overall length 9-1/2" •Includes drill chuck, chuck key

Part No. 6510LVR.

Part No. 191956-9, Replacement brushes for #6510LVR.

3/8" DRILL - Variable Speed, Reversible

•Powerful 4.9 amp motor •Larger trigger switch for easy operation •Variable speed (0 - 2500 RPM) for drilling in a wide variety of materials •Low dB rating for quieter operation •In-line handle design for maximum power thrust •Large recessed lock-on button •Reversing switch is conveniently located •All ball bearing construction •Overall length 10-1/4" •Includes keyless chuck and plastic carrying case

Part No. 6408K.

1/2" ANGLE DRILL - Variable 2-Speed, Reversible

•Powerful drilling with maximum 87 N-m torque •Palm fitting soft handle •2-speed: either high speed (0-900 RPM) for drilling small holes or low speed (0-400 RPM) for larger holes •7.5 amp •Angle attachment rotates 360° to drill in any position •Overall length 16-1/4" •Includes side grip, wrench, heavy duty industrial drill chuck, chuck key, wrench, plastic case

Part No. DA4000LR.

3/8" ANGLE DRILL - Variable Speed, Reversible, LED Job Light

•Ball and needle bearings for long life •Variable speed with reverse for easy starting and fastening screws •4.0 amp •0 - 2400 RPM •Paddle switch for easy one hand operation •Compact design for tight fits and close quarter drilling •Double insulated •Overall length 10-5/8" •Includes drill chuck, chuck key

Part No. DA3010F.

1/4" DRYWALL SCREWDRIVER - Variable Speed, Reversible

•6.5 amp •Synchronized pin clutch for reduced wear •Retractable belt clip allows operation in tight areas •Lightweight cast aluminum gear housing for durability •Adjustable depth locator assembly with "sure lock" feature for easy and consistent screw depth setting •Double insulated •Overall length 11-3/8" •1/4" hex bit shank •Includes 1 Phillips insert bit, magnetic bit holder, noise piece.

Part No. 6824N, No load speed (0- 4500 RPM).

Part No. 6825, No load speed (0- 6000 RPM)

3/4" SQ. DRIVE IMPACT WRENCH - Reversible

•Hi-tech 9 amp motor for heavy duty applications •Precision gearing plus ball and needle bearing construction •Rocker type reversing switch for easy one handed forward/reverse operation •Side handle adjusts 360° •Externally accessible brushes •Double insulated •Includes steel tool case, grip assembly •1600 IPM and 1700 RPM •Overall length 12-7/8" •433 ft./lbs. torque

Part No. 6906.

Part No. 191945-4, Replacement brushes for #6906.

1/2" SQ. DRIVE IMPACT WRENCH - Reversible

•3.5 amp motor •2000 IPM and 2000 RPM •Heavy duty aluminum gear housing •Rubber inlay grip reduces vibration •Rocker switch for forward and reverse •Overall length 11-1/8" •258.2 ft./lbs. torque •Includes plastic carrying case
Part No. TW0350.

1/2" SQ. DRIVE IMPACT WRENCH - Reversible

•Hi-tech 4 amp motor for superior performance under heavy duty applications •1700 RPM •Lightweight for less operator fatigue •Well balanced and easy handling in confined work areas •All ball bearing construction •Precision machined gears for long life and production usage •Convenient rocker switch for easy reversing •Externally accessible brushes •Double insulated •Overall length 10¼" •2000 impacts per minute •217 ft./lbs. torque
Part No. 6905B.
Part No. 191947-0, Replacement brushes for #6905B.

10" DUAL SLIDING COMPOUND SAW

•Two pole linear ball bearing mounted sliding cutting head •Precision bevel cutting up to 45° both left and right •Mitre cuts 0-47° left and 0-52° right with positive stops at 15°, 22.5°, 31.6°, 45° left and right and 0° •Powerful 13 amp motor •Adjustable pivot fence for supporting larger stock •Cuts a 2 x 12 at 90° and a 2 x 8 at compound 45° left •5/8" arbor •3700 RPM •Overall dimensions (LxWxH) 29-7/8" x 20-1/2" x 24-5/8" •Includes carbide tipped saw blade, vertical vise, socket wrench, dust bag, triangular rule, (2) holders
Part No. LS1013.

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10" COMPOUND MITRE SAW

•Performs compound cutting operations •Dual post compound pivoting arm •Bevel cuts up to 45° to the left •Mitre cuts 0-45° left and 0-52° right •Positive stops at 9 settings; 15°, 22.5°, 30°, 45° right or left and 0° (90° cuts) •Powerful 15 amp motor •Pivoting fence flips for supporting larger stock •Shaft lock for easy blade changes •Precision machined aluminum base •5/8" arbor •Overall length 18-23/32" •4600 RPM •Includes dust bag, socket wrench, cross-cut blade, triangular rule
Part No. LS1040.

16-5/16" CIRCULAR SAW

•Features electric blade brake •Large capacity for beam and timber cutting •Large capacity cuts 6-1/4" at 90° and 4-3/16" at 45° Weighs only 28.7 lbs for ease of operation •Electric brake for fast stopping of the blade •Powerful motor delivers 1800 max watts out •Low noise at only 87dB •Includes carbide tip blade, wrench, rip fence •1" arbor •Overall length 24-1/4" •2200 RPM
Part No. 5402NA.

10-1/4" CIRCULAR SAW - with Electric Brake

•Huge blade cuts 3-3/4" at 90° and 2-1/2" at 45° •Extra powerful motor for heavy duty applications •Well balanced and lightweight for better control and ease of operation •Precision gearing with ball and needle bearing construction for smooth and efficient power transmission •Electric brake for fast stopping of blade; saves time between cuts •Rugged steel base for stability •3700 RPM •5/8" arbor •Overall length 17-1/2" •Includes combination blade, rip fence, wrenches for flange and bolt
Part No. 5201NA.
Part No. 181047-4, Replacement brushes for #5201NA.

8-1/4" CIRCULAR SAW

•Bevel cuts 0 - 45° with a 45° bevel capacity of 2¼" •Heavy gauge aluminum wrap-around base •Well balanced with the handle designed for better control from above and behind the saw •Integrated LED •Includes 8¼" C.T. saw blade 24T, rip fence, wrench
Part No. 5008FA.
Part No. 181047-4, Replacement brushes for #5008FA.

7-1/4" CIRCULAR SAW Built-in LED Job Light

•Features on board LED light illuminating the cutting line •Well balanced design for superior handling and performance •LED light switch operates independently from the trigger •Flat motor housing design increases stability when changing blades •Powerful 15 amp motor delivers high power to weight ratio •Includes 24T carbide blade, wrench, rip fence •5/8" arbor •45° maximum cutting depth 1-3/4"; 90° maximum cutting depth 2-3/8" •Overall length 12" •5800 RPM
Part No. 5007F.
Part No. 5007FA, Same as 5007F, plus electric blade brake.
Part No. 5007FK, Same as 5007F, plus plastic carrying case.
Part No. 5007FAK, Same as 5007F, plus electric blade brake and plastic carrying case.

7-1/4" CIRCULAR SAW

•Heavy duty motor for continuous use •Heavy gauge aluminum wraparound base ensures stable support •Well balanced design •Shaft lock for easy blade replacement •Ball and needle bearing construction •Includes special "thin rim" carbide blade, wrench, rip fence •5/8" arbor •45° maximum cutting depth 1-3/4"; 90° maximum cutting depth 2-3/8" •Overall length 12" •5800 RPM •13 amps.
Part No. 5007NB.

7-1/4" METAL CUTTING SAW

•Dust free high speed cutting with one-touch removable dust box •Cuts metal sheet, square pipe, C-stud, angle stud, metal stud, rebar, conduit pipe, steel pipe, corrugated sheet •Cuts steel with minimal burrs and burns •7-1/4" metal cutter for cutting steel up to 1/4" thick •Comes with "Cermet (Ceramic Metal) Tipped Saw Blade" having longer life than other competitors •Quick release dust box for fast saw dust disposal and blade changes •High power and heavy duty motor - high temperature resistant motor for heavy duty applications •Plunge lever opens the safety cover for easier start plunge cuts •Window on dust box lets operator know when to empty the container •Stainless steel base plate •Sight line and blade entry point indicators for straight accurate cuts •Standard equipment: Cermet tip blade 7-1/4", hex wrench and safety goggles.
Part No. 4131.

CAPACITIES
Blade Diameter.....7-1/4"
Max. Cutting Depth at 90°.....2-1/2"
No Load Speed.....3,500 RPM
Net Weight.....10.6 lbs.

Dry Cutting Blades for #4131.
•7¼" Blade diameter
Part No. A-93815, Cermet tipped, 36 tooth, recommended for metal sheet, C-stud, angle stud, metal stud, rebar, pipe.
Part No. A-93837, Carbide tipped, 48 tooth, recommended for metal sheet, C-stud, angle stud, metal stud, some rebar, pipe, some corrugated sheet.
Part No. A-93843, Carbide tipped, 70 tooth, recommended for metal sheet, some metal stud, corrugated sheet.

RECIPROCATING SAW - Anti-Vibration Technology, Variable Speed

•Features tool-less blade change system •Variable speed preset dial •Orbital change lever offers 3 stages and one straight cutting action •Tool-less lock button for adjusting shoe position •Accepts standard 1/2" shank blades •1-1/4" stroke length •0-2800 strokes per minute •15 amp •Includes 2 blades and steel carrying case
Part No. JR3070CT.

RECIPROCATING SAW - Variable Speed

•Features tool-less blade change system •Orbital change lever offers 3 stages and one straight cutting action •Tool-less lock button for adjusting shoe position •Accepts standard 1/2" shank blades •Blade can be inverted for near flush cutting •1-1/4" stroke length •0-2800 strokes per minute •12 amp •Includes 2 blades and plastic carrying case
Part No. JR3060T.

RECIPROCATING SAW - Variable Speed

•Features tool-less blade change system •Tool-less lock button for adjusting shoe position •Accepts standard 1/2" shank blades •Blade can be inverted for near flush cutting •1-1/8" stroke length •0-2800 strokes per minute •9 amp •Includes 1 blade
Part No. JR3050TY.

JIG SAW - Orbital, Variable Speed, LED Job Light

•Anti-vibration technology along with dynamically balanced motor for over 40% reduced vibration and noise than competitive models •Illuminate your work with LED light for increased visiblity •3 orbital settings plus straight cutting with powerful 6.3 amp motor for cutting in all varieties of materials •Electronic variable speed control dial (800 - 2800 SPM) maintains consistent speed throughout the cut for superior results •Tool-less blade change •Die-cast aluminum base adjusts up to 45° right or left and positive stop at 90° •Built-in dust blower •Max. cutting capacity: Wood (at 90°) 5-5/16"; Steel (at 90°) 3/8" •Overall length 9¼" •Includes 2 each of 3 blades (B10, B13, B22), anti-splintering device, cover plate, plastic case
Part No. 4350FCT.

JIG SAW - Orbital, Variable Speed

•3 orbital settings plus straight cutting •Bevel cuts up to 45° right or left, positive stops at 90° and 45° •Sliding dust cover keeps chips from flying •Speed dial for setting maximum speed •Vacuum port for connecting saw to vacuum •Includes 1 blade, hex wrench, and plastic carrying case
Part No. 4324K.

SPECIFICATIONS
Length of Stroke .....11/16"
90° Max. Cutting Capacities
-Wood.....2-9/16"
-Steel.....1/4"
Strokes per Minute ..500 - 3100
Amps (120V).....3.7
Overall length .....3-3/16"
Net Weight.....4.2 lbs.

16" PORTABLE CUT-OFF SAW

•AC/DC switch •Cuts at 2300 RPM with a powerful 13 amp motor •Cuts stock up to 9-3/8" wide at 90° •Chops through tubing, angle iron, pipe, and conduit •Vise and fence come as standard equipment •Arbor 1" •Overall length 24" •Includes abrasive wheel, socket wrench
Part No. 2416S.
Part No. 181047-4, Replacement brushes for #2416S.

14" PORTABLE CUT-OFF SAW

•15 amp •D-shape handle for easy gripping •Lock-off button to prevent accidental starting •Spark diversion guard for operator's safety •Guide plate adjusts 45° right and left — 3 locations for various sizes of materials •Quick release vise •Socket wrench stored on base •Adjustable depth stop for precise, repeatable cutting depth •Shaft lock for easy wheel changes •AC/DC switch •3800 RPM •Arbor 1" •Overall length 19-3/4" •Includes abrasive wheel, socket wrench, (2) switch buttons
Part No. 2414DB.

12" PORTABLE METAL CUTTING SAW

•Specifically designed to use carbide tipped blades •Long lasting carbide tipped blade for cost efficient and clean cutting; virtually burr free •Lock-off button to prevent accidental starting •Quick release vise for secure retention and fast repeated cuts •Guide plate adjusts 45° left for various sizes of materials •Spark guard for operators' safety •Includes 1 carbide tipped blade, socket wrench, lock-off button
Part No. LC1230.

SPECIFICATIONS
Blade Diameter..... 12"
Arbor..... 1"
No Load Speed..... 1300 RPM
Amps (120V)..... 15.0
Overall Length ..... 20¼"
Net Weight..... 41.9 lbs.

Carbide Tipped Dry Cutting Blades for #LC1230.

•12" Blade diameter •1" arbor
Part No. A-90897, 60 TPI, recommended for mild steel - pipe (black iron, cast iron), channel.
Part No. A-90722, 60 TPI, recommended for angle iron, tubing (round, square, rectangular).
Part No. A-90875, 78 TPI, recommended for thin mild steel - pipe, angle iron, tubing.
Part No. A-90847, 78 TPI, recommended for stainless steel - as above +conduit, threaded rod.

1-3/16" x 21" BELT SANDER - Variable Speed

•Belt speed can be adjusted between 656 - 3280 ft./min. for sanding a wide variety of materials •5 amp •Compact and lightweight for close quarter work •Ball and needle bearing construction •Narrow belt and exposed front pulley for use in close quarters or on irregular shapes •Multi-position side handle •Lock-on button for continuous operation •Connects to dust collector •Overall length 15" •Includes 2 each abrasive belts in #40, #60, #80, #100, and #120 grit
Part No. 9031.

3" x 24" BELT SANDER

•7.8 amp •All ball and needle bearings for long life •Extended base to allow flush sanding •Replaceable graphite wear plate to reduce repair •Extra long cord •Easy lever control to change belts •Low profile for balance and less gouging •Highly efficient dust collector bag •Double insulated •Overall length 14" •1300 ft./min. •Includes 1 abrasive belt #80 grit, dust bag
Part No. 9924DB.
Part No. 191945-4, Replacement brushes for #9924DB.

4" x 24" BELT SANDER

•Powerful 11 amp motor for high production use •1640 ft./min. for fast material removal •Low noise for quieter operation •Labyrinth construction seals motor and bearings from contamination •Unique design allows flush sanding to walls •Large front grip is positioned for operator comfort •Cord is located on the upper portion of the handle for operator convenience •Dust bag swivels 360° •Overall length 13-7/8" •Includes 1 abrasive belt #80 grit, dust bag
Part No. 9403.

RANDOM ORBIT SANDER

•Uses quick changing hook-and-loop abrasive discs •12,000 OPM •2 amp •Lightweight design •Redesigned palm-grip for more comfortable handling •Random-orbit action for fast and super smooth sanding •Efficient through-the-pad dust collection system •Fast stop feature •Dust bag adjusts to 12 positions for more convenient operation •Dimensions (LxWxH) 5-7/8" x 4-13/16" x 5-11/16" •Abrasive disc size 5" •Includes 2 abrasive discs, dust bag
Part No. BO5010.

2¼ H.P. ROUTER

•Accepts standard sized router template guides •Electronic speed control maintains constant speed under load •Sub-base accepts industry standard template guides •Durable flat top for stability when changing bits •Soft start feature for smooth start-ups •Industrial cam-lock for fast and easy depth adjustment and removal of motor •Includes ¼" collet cone, ½" collet cone, wrenches
Part No. RF1101.

SPECIFICATIONS
Collet Capacities.....½" & ¼"
No Load Speed.....8,000 - 24,000 RPM
Amps (120V).....11.0
Overall Height.....8¾"
Net Weight.....7.9 lbs.

1-1/4 H.P. PLUNGE ROUTER

•24,000 RPM for fast, clean routing •7.8 amp •Contoured handle design with built-in switch for better control •0 - 1-3/8" plunge depth capacity with three pre-set plunge depths •Rugged polycarbonate housing with a non-marring base •Uses commonly available 1/4" shank router bits •Double insulated •Overall height 8-5/16" •Includes 1/4" collet cone, wrenches, plastic tool case, straight guide
Part No. 3620.

7"/9" ANGLE SANDER

•All ball and needle bearing construction for long life •Extra heavy duty 15 amp motor •6000 RPM for optimum material removal •Accepts 7" or 9" wheel with correct guards •Removable side handle can be mounted on either side •AC/DC switch •Rugged housing •Spindle lock for easy wheel changes •Spindle 5/8"-11 UNC •Overall length 16-1/4" •Includes spindle washer, side handle
Part No. GA7911.
Part No. 181047-4, Replacement brushes for #GA7911.
Part No. 651128-3, Replacement switch for #GA7911.
Part No. 191228-2, 7" accessory kit for #GA7911.
Part No. 191231-3, 9" accessory kit for #GA7911.

Power Tools

7"/9" SANDER-GRINDER

•All ball and needle bearing construction for long life •Extra heavy duty 15 amp motor •6000 RPM for optimum material removal •Accepts 7" or 9" wheel with correct guards •Removable side handle can be mounted on either side •AC/DC switch •Rugged housing •Spindle lock for easy wheel changes •Spindle 5/8"-11 UNC •Overall length 16-1/4" •May also be used as a 9" grinder with optional accessory kit

Part No. GA7910.
Part No. 181047-4, Replacement brushes for #GA7910.
Part No. 651128-3, Replacement switch for #GA7910.
Part No. 191228-2, 7" accessory kit for #GA7910.
Part No. 191231-3, 9" accessory kit for #GA7910.

7" ANGLE GRINDER

•Electronic current limiter, prevents motor burn-out •Tool-less wheel cover •Labyrinth construction seals motor and bearings from contamination •Heavy duty motor for high production and continuous use •AUtomatic brush cut-out system •Removable side handle can be mounted left, right and center •Large trigger switch for easy operation •8400 RPM no load speed •Includes depressed centre wheel, side handle, inner flange, lock nut, lock nut wrench and wheel guard

Part No. GA7010C.

7" ANGLE GRINDER

•Removable side handle can be attached left, right and centre •Labyrinth construction seals motor and bearings from contamination •AC/DC paddle switch •Heavy duty motor for high production and continuous use •Lightweight and well balanced for easy handling •Automatic brush cut-out system •Lock on button for continuous operation •Max. capacities: 7" grinding wheels; 4-3/8" wire cup brushes; 7" sanding discs •Spindle thread 5/8"-11 UNC •No load speed 8500 RPM •15 amps •Overall length 18" •Net weight 9.3 lbs. •Includes 7" depressed centre wheel, lock nut wrench, inner flange, lock nut, side grip handle and wheel guard

Part No. 9067DB.

7" DISC GRINDER

•AC/DC switch •Shaft lock for easy wheel changes •Heavy duty 15 amp Makita motor •3-point tool rest on top •Side handle can be used on either side •Double insulated •8000 RPM •Spindle thread 5/8"-11 UNC •Overall length 16-1/4" •Includes depressed centre wheel, wheel guard, inner flange, lock nut wrench

Part No. 9607NB.
Part No. 651128-3, Replacement switch for #9607NB.
Part No. 181047-4, Replacement brushes for #9607NB.

6" ANGLE GRINDER

•Powerful 12.5 amp motor yet light weight for maximum production •All ball bearing construction •Spiral gears for efficient power transmission •Shaft lock for easy accessory changes •Labyrinth construction seals motor and bearings from contamination •Grinder head rotates 90° for operator convenience •Externally accessible brushes •Double insulated •9000 RPM •Lock-on button •Includes grinding wheel, wheel guard, side handle, inner flange, lock nut, lock nut wrench

Part No. 9016DB, has AC/DC paddle switch.
Part No. 9016DBZ, has AC/DC trigger switch.

5" ANGLE GRINDER

•Powerful 12.5 amp motor yet lightweight for maximum production •All ball bearing construction •Spiral gears for efficient power transmission •Shaft lock for easy accessory changes •Labyrinth construction seals motor and bearings from contamination •Grinder head rotates 90° for operator convenience •Double insulated •10,000 RPM •Spindle thread 5/8"-11 UNC •Overall length 15-3/8" •Lock-on button •Includes grinding wheel, wheel guard, side handle, inner flange, lock nut, lock nut wrench

Part No. 9015DB, has AC/DC paddle switch.
Part No. 9015DBZ, has AC/DC trigger switch.

5" ANGLE GRINDER

•Powerful 10 amp motor yet light weight for high production work with less fatigue •Ball bearing construction •Removable side handle can be installed on either side •Shaft lock for easy accessory changes •AC/DC lock-on switch •Double insulated •10,000 RPM •Spindle thread 5/8"-11 UNC •Overall length 14" •Includes grinding wheel, wheel guard, side handle, inner flange, lock nut, lock nut wrench, spindle washer

Part No. 9005B.
Part No. 651128-3, Switch for #9005B.
Part No. 191945-4, Replacement brushes for #9005B.
Part No. 743015-1, 5" rubber pad for use with #9005B.

1/4" DIE GRINDER w/ Paddle Switch

•Large two-stage paddle switch for safety and convenience •Rubber front housing cover reduces vibration and improves user comfort •Powerful 3.5 amp industrial motor •25,000 RPM •Lightweight at only 3.7 lbs. •Overall length: 14-1/8" •Includes collet cone and 2 wrenches

Part No. GD0600.

1/4" DIE GRINDER

•All ball bearing construction •Heavy duty 27,000 RPM for fast and efficient grinding •3 amp •Sturdy aluminum housing for durability •Slimline design for easy handling •1/4" collet capacity •Metal coupling •Overall length 14" •Includes 2 wrenches and a 1/4" collet nut

Part No. 906H.
Part No. 191947-0, Replacement brushes for #906H.

1/4" DIE GRINDER

•Efficient die grinding, deburring, and scraping •Fast grinding at 25,000 RPM •Industrial strength 2 amp motor •Textured housing solid grip •All ball bearing construction •Double insulated •Overall length 11-1/8" •C/w wrenches for collet nut and spindle

Part No. 906.
Part No. 191956-9, Replacement brushes for #906.

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INDUSTRIAL POWER TOOLS

MINI-GRINDERS: High Performance for Masonry & Metal Cutting —

Choose from Thumb Switch or Paddle Switch

•High Performance Motor with Power Input of 840W:
Provides power enough for masonry cutting, yet still having high heat resistance.

•Small Circumference Barrel Grip for Easy Handling:
Use of Type 55 motor enables the circumference to be smaller than competition's. And use of the same brush as used for Makita 9560 series models allows flat design without protrusions of brush cap. Side handle can be mounted left or right of tool.

•High Dust-Proof Motor:
Armature coated with protective zigzag varnish and field coated with powder varnish protect motor from dust and wire breakage, ensuring durability enough for masonry cutting. Plus high efficiency motor fan to keep area clean. Labyrinth construction protects all ball bearings from dust and debris.

•Shaft Lock for Easy Wheel Changes:
The shaft lock system is made bigger for easier replacement of abrasive wheel. Recessed into the tool housing to prevent accidental lock-ups.

•Gear Section with Increased Repairability:
Use of a woodruff key to assemble gear onto spindle allows for easier repairing of gear section.

•Rotatable Gear Housing:
Can be positioned at every 90 degrees to suit most cutting and grinding operations.

•O-Rings for Protection from Grease Leakage:
Placed in the following portions: Joint between gear housing and bearing box; shaft lock pin installation hole.

THUMB SWITCH UNITS

4" MINI GRINDER

•Includes side handle, lock nut wrench, depressed centre wheel, inner flange, lock nut, and plastic carrying case
Part No. 9553NBK.

CAPACITIES
No Load Speed.... 11,000 RPM
Amps 6.0
Spindle Thread .... M10 x 1.5
Net Weight..... 3.1 lbs.

4½" MINI GRINDER

•Includes side handle, lock nut wrench, depressed centre wheel, inner flange, lock nut, and plastic carrying case
Part No. 9554NBK.

CAPACITIES
No Load Speed.... 10,000 RPM
Amps 6.0
Spindle Thread .... 5/8"-11UNC
Net Weight..... 3.1 lbs.

4½" MINI GRINDER

•Includes side handle, lock nut wrench, depressed centre wheel, inner flange, lock nut
Part No. 9557NB.

CAPACITIES
No Load Speed.... 11,000 RPM
Amps 7.5
Spindle Thread .... 5/8"-11UNC
Net Weight..... 3.5 lbs.

5" MINI GRINDER

•Includes side handle, lock nut wrench, depressed centre wheel, inner flange, lock nut, and plastic carrying case
Part No. 9555NBK.

CAPACITIES
No Load Speed.... 10,000 RPM
Amps 6.0
Spindle Thread .... 5/8"-11UNC
Net Weight..... 3.1 lbs.

5" MINI GRINDER

•Includes side handle, lock nut wrench, depressed centre wheel, inner flange, lock nut
Part No. 9558NB.

CAPACITIES
No Load Speed.... 11,000 RPM
Amps 7.5
Spindle Thread .... 5/8"-11UNC
Net Weight..... 3.5 lbs.

PADDLE SWITCH UNITS

4" MINI GRINDER

•Includes side handle, lock nut wrench, depressed centre wheel, wheel cover assembly, inner flange, lock nut
Part No. 9556PB.

CAPACITIES
No Load Speed.... 11,000 RPM
Amps 7.5
Spindle Thread .... M10 x 1.5
Net Weight..... 3.5 lbs.

4½" MINI GRINDER

•Includes side handle, lock nut wrench, depressed centre wheel, wheel cover assembly, inner flange, lock nut, and plastic carrying case
Part No. 9557PBK.

CAPACITIES
No Load Speed.... 10,000 RPM
Amps 7.5
Spindle Thread .... 5/8"-11UNC
Net Weight..... 3.5 lbs.

5" MINI GRINDER

•Includes side handle, lock nut wrench, depressed centre wheel, wheel cover assembly, inner flange, lock nut
Part No. 9558PB.

CAPACITIES
No Load Speed.... 10,000 RPM
Amps 7.5
Spindle Thread .... 5/8"-11UNC
Net Weight..... 3.5 lbs.

7" ELECTRONIC SANDER-POLISHER

•Variable speed (0 - 3000 RPM) with pre-set maximum speed dial; ideal for ultra slow polishing •10 amp •Electronic speed control maintains constant speed under load •Easily converts to a sander •3 prong plug to prevent static electricity accumulation •Fast and powerful polishing for clearcoat finishes •Lock-on button for continuous use at one speed •Overall length 18-1/2" •Spindle thread 5/8"-11UNC •Includes hook-and-loop pad, hex wrench
Part No. 9227C.
Part No. 192629-7, Optional wool bonnet for use with #9227C.

STRAIGHT SHEAR - Variable Speed

•Pistol grip design for comfort and convenience •Shear head attachment rotates 360° •Lightweight cast aluminum gear housing for durability •Large variable speed trigger switch for controlled cutting speed •Brushes are easily accessible for fast replacement •Retracable belt clip allows operation in tight area •Lock-on button for continuous operation •0-2500 SPM •6.5 amps •Capacities: Steel - 18 ga. (1.2mm); Stainless - 20 ga. (0.09mm) •Includes hex wrench, shear head assembly
Part No. JS1300.

SHEAR

•Powerful 2.8 amp motor for continuous use in 16 gauge mild steel and 18 gauge stainless steel •Built-in thickness gauge •Lever switch for comfort •Easy replaceable blades with a total of 8 cutting edges each •Lightweight for one handed operation •All ball and needle bearings for long life •Double insulated •4000 SPM •Overall length 9-1/8" •Includes wrench, shear blade set
Part No. JS1600.
Part No. 191947-0, Replacement brushes for #JS1600.

16 GAUGE STRAIGHT SHEAR

•2.3 amp •New stepped blade with rounded edges for mar-free action •Continuous metal curl in one direction •No material deformation (as with single blade shears) •Sliding thumb switch •Fatigue free operation at only 2.9 lbs. •4500 SPM •Overall length 12" •16 gauge steel or 18 gauge stainless steel •Includes 1 pair side blades, centre blade, hex wrench, blade gauge
Part No. JS1660.
Part No. 191947-0, Replacement brushes for #JS1660.

NIBBLER

•Clean, precise work in keystone plate, deck plate and other corrugated sheet materials •Die rotates 360° •Large 1/4" stroke •Ergonomic, slim body design for easy gripping •Lock on sliding switch for continuous use •Built in thickness gauge for convenience •Easy punch and die replacement for less down time •Double insulated •5 Amp •2200 SPM •2" outside edge cutting radius •1-3/4" inside edge cutting radius •Net weight 3.5 lbs.
Part No. JN1601.

HEAT GUN

•Variable temperature control 121°C - 593°C for a wide variety of applications •Strips paint and varnish, thaws frozen pipes, loosens tile and putty, re-melts adhesives, etc. •2-speed blower setting for 8 CFM or 14 CFM •Thermocouple control maintains precise temperature •12.5 amp •1500 watts •Overall length 10"
Part No. HG1100.

12" ANGLE CUTTER - AC/DC

•Used to cut steel, concrete, and masonry materials with a dry cutting diamond blade •15 amp •Superior performance and long life •Lightweight and well balanced for easy handling •Removable base for a closer edge-to-edge cut •Guide wheels on the tool guard ensures smooth tool travel over surface material •Rubber shield helps keep debris from entering the motor •Lock on button for continuous operation •Ball bearing construction for longer tool life •5000 RPM no load speed •Arbor 1" •Overall length 25-1/2" •Includes plastic carrying case, socket wrench
Part No. 4112H.

Warning: For #4112H, use only recommended cut-off wheels.

14" POWERCUT - Gasoline

•With "Smooth Start" — this feature reduces the force required on the start pull (70% less strain) •73 cc •4.5 cu. in. displacement •5.6 HP power rating •No load RPM 9350 •Four rubber buffers situated throughout the frame provides significantly less vibration •5 stage filtration system •Electronic ignition •Air inlet ports reduce noise by up to 40% •Lighter weight than conventional powercuts •Ergonomic design •Central and lateral cutting positions for the cut-off wheel •Reinforced aluminum blade guard with 70° range of limitless positioning using a marked knob handle •Double insulated fuel tank •Water kit is assembled to saw and can be used with garden hose, gravity tank or pressure tank •Improved exhaust emissions are EPA Phase II compliant while maintaining power and performance •Includes cut-off wheel, universal wrench, Torx wrench, screwdriver and adapter ring
Part No. DPC7311.

39 cc CHAINSAW - General Use - Gasoline

•With "Smooth Start" — this feature reduces the force required on the start pull (70% less strain) •12,000 RPM •Suitable for light general forestry operations, pruning, tree surgery, limbing, and construction work •Chain brake •External electronic ignition •Automatic chain oiler •Anti-vibration design •Duplex intake system •Includes chain, guide bar, bar guard, universal wrench, Allen key, Torx wrench
Part No. DCS401-16, 16" bar.

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33 cc CHAINSAW - General Use - Gasoline

•With "Smooth Start" — this feature reduces the force required on the start pull (70% less strain) •11,500 RPM •Ideal for cutting firewood, fence posts, and for light to medium sawing and limbing operations •Chain brake •External electronic ignition •Automatic adjustable chain oiler •Anti-vibration design •Duplex intake system •Includes chain, guide bar, bar guard, universal wrench
Part No. DCS341-16, 16" bar.

26 cc LINE TRIMMER - Professional Use - Gasoline

•Cutting width: 17" •Electronic ignition •Features environmentally friendly catalytic converter •Solid straight shaft with loop handle •Diaphragm type carburetor allows operation in any direction •Features bump and feed trimmer head •Primer pump and recoil starter provide easy starting •Adjustable front handle for multi-positioning •Includes bump and feed trimmer head, guard, shoulder harness, tool kit
Part No. BCM2610.

26 cc BRUSH CUTTER - Professional Use - Gasoline

•Cutting width: 9" •Electronic ignition •Features environmentally friendly catalytic converter •Heavy duty solid straight shaft design •U-handle design for safety and stability •Multi-functional handle puts all operating controls at your fingertips •Heavy duty gear box •Primer pump and recoil starter provide easy starting •Includes star blade, guard, shoulder harness, and tool kit
Part No. BCM2600.

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2.0 HP WATER PUMP - General Use

•115 ft. total head (total height at sea level, to which water can be raised above original water level) •Electronic sensor shuts off engine if oil level is low •Self priming pump for easy operation •Super low noise muffler •Meets EPA/CARB emission standards •Includes tool kit and strainer
Part No. EW120R.

12,000 WATT GENERATOR - Electronic Start / Professional Use

•Receptacles: Duplex 120V (20 amp) Locking 120V (20 amp), Locking 120V (30 amp), Locking 120V, 240V (20 amp) •Generator: Full copper windings, AC and DC circuit breakers. Automatic voltage regulator •4 stroke engine: •10W-30 oil. Idle switch features full power mode, low oil automatic shut-off. Auto decompression/Electronic ignition. Overhead valve for more fuel efficiency. Includes tool kit. Battery not included.
Part No. G12000R.

SPECIFICATIONS

Output current (120V)	12,000 W (20 AMP)
AC Output Current	10,000 W
AC Voltage	60 Hz (120V)
DC Voltage	12VDC (8.3 AMP)
Displacement	653 cc.
Max. Power	22 HP.
Fuel Tank Cap.	11.3 Gal (42.8L)
Continuous Operation	8.8 hrs. (at high RPM)
Noise Level	77 db
Dimensions (LxWxH)	32.25"x23.9"x29.9"
Dry Weight	310 lbs. (140.6 kg)

7300 WATT GENERATOR - Electronic Start / Professional Use

•Receptacles: Duplex 120V (20 amp) Locking 120V (20 amp), Locking 120V (30 amp), Locking 120V, 240V (20 amp) •Generator: Full copper windings, AC and DC circuit breakers. Automatic voltage regulator •4 stroke engine: •10W-30 oil. Idle switch features full power mode, low oil automatic shut-off. Auto decompression/Electronic ignition. Overhead valve for more fuel efficiency. Includes tool kit. Battery not included.
Part No. G7301R.

SPECIFICATIONS

Output current (120V)	7300 W (20 AMP)
AC Output Current	6,000 W
AC Voltage	60 Hz (120V)
DC Voltage	12VDC (8.3 AMP)
Displacement	404 cc.
Max. Power	13.5 HP.
Fuel Tank Cap.	8.8 Gal (33.19L)
Continuous Operation	7.0 hrs. (at high RPM)
Noise Level	75.5 db
Dimensions (LxWxH)	27.2"x20.9"x20.9"
Dry Weight	198 lbs. (89.8 kg)

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1650 WATT GENERATOR

•EPA phase 2 emissions compliant •Inverter type voltage regulator •AC & DC circuit breakers •Electronic ignition •Noise suppression •Easy start recoil starter •Auto decompression •Unified run, start, choke control •Duplex receptacle •Lightweight portable design •Cast iron cylinder liner •Copper wound rotors and stators •Lightweight - compact design uses a common cooling fan for engine and alternator. Inner type recoil starter and use of resin parts create a top class lightweight •Auto-idle feature - economical fuel consumption is achieved by employing auto power saving function with electronic throttle carburetor which controls engine speed corresponding to electric power consumption of appliance connected to generator •Low oil auto-shut off - oil sensor prevents engine damage by automatically shutting off the generator whenever the oil level falls too low

Part No. G1700I.

4300 WATT GENERATOR

•EPA phase 2 emissions compliant •Condenser type voltage regulator •AC & DC circuit breakers •Electronic ignition •Noise suppression •Electric starter •Easy start recoil starter •Auto decompression for easier recoil starts •Unified run, start, choke control •Duplex receptacle •Cast iron cylinder liner •Copper wound rotors and stators •Innovative control - stable outputs are realized by employing a microcomputer control and multifunctioned monitor integrating AC voltmeter, frequency meter, hour meter, idle control and oil sensor •LED display - easy to read controls for outside operation use high intensity LED for indication of each meter •Auto-idle feature - economical fuel consumption is achieved by employing auto power saving function with electronic throttle carburetor which controls engine speed corresponding to electric power consumption of appliance connected to generator •Low oil auto-shut off - oil sensor prevents engine damage by automatically shutting off the generator whenever the oil level falls too low

Part No. G4300N.

5800 WATT GENERATOR

•Full power switch
•Condenser voltage regulation ensures stable voltage outputs
•Automatic idle control reduces engine RPM under no load for reduced fuel consumption and engine wear
•Convenient dual voltage output (120/240VAC); 12VDC for added versatility
•5.68 gal. fuel tank capacity for 7 hours of continuous operation
•Rugged steel roll cage frame
•Brushless alternator design for less maintenance and downtime
•Water-deflecting louvers all around for watertightness
•Aluminum alloy, OHV, 4-Cycle engine for reduced oil and fuel consumption

Part No. G6100R, Recoil Starter.
Part No. G6101R, Electric Starter.

	PART NO. G1700I	PART NO. G4300N	PART NO. G6100R/G6101R
Type	Inverter	AVR(Automatic Voltage Regulator)	AVR(Automatic Voltage Regulator)
Frequency	60 Hz	60 Hz	60 Hz
Rated AC Voltage	120 V	120 V	120 V
Maximum Output	1650 Watts	4300 Watts	5800 Watts
Continuous Rated Output	1400 Watts	3700 Watts	4800 Watts
DC Output	12V - 8.3 Amps	12V - 8.3 Amps	12V - 8.3 Amps
Over-Current Protector	Breaker	Breaker	Breaker
Feature:	Unified Start/Run/Choke Switch	Unified Start/Run/Choke Switch	
Outlet (1) - Type	Duplex Receptacle	Duplex Receptacle	Duplex Receptacle
Outlet Capacity:	20 Amps	Up to 20 Amps	Up to 20 Amps
NEMA #	5-20R	5-20R	L5-20R and 30R
Engine Brand	Robin	Robin	Robin
Engine Model	EH09-2	EX27	EH34D
Type	Forced Air-Cooled, 4 cycle, OHV	Forced Air-Cooled, 4 cycle, OHC Gas	Forced Air-Cooled, 4 cycle, OHV Gas
Displacement cc's	85.8 cc	265 cc	338 cc
Horsepower	2.4 hp	9.0 hp	11.0 hp
Fuel	Automotive Unleaded Gas	Automotive Unleaded Gas	Automotive Unleaded Gas
Fuel Tank Capacity	3.5 litres	12.8 litres	21.5 litres
Rated Continuous Operation	3.5 hours	6.4 hours	7 hours
Starting System	Recoil	Electric Start/Recoil	Recoil/Electric
Low Oil Shut Off?	Yes	Yes	Yes
Automatic Idle Feature	Yes	Yes	Yes
Decibels	59 db (A)	71 db (A)	74 db
Dry Weight:	45.2 lbs	163.1 lbs	178 lbs.
Dimensions (LWH):	19.3" x 11.6" x 17.5"	22.8" x 20.8" x 24.3"	33.7" x 18.9" x 23.2"

One duplex 120V-20A GFCI; NEMA 5-20R

One 120V-20A and 30A Locking Receptacle; NEMA L5-20R and 30R

One 120V-20A Locking Receptacle; NEMA L14-20R

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INDUSTRIAL POWER TOOLS

28 VOLT Power Tools V28 LITHIUM-ION

•EXCEPTIONAL RUN TIME: V28 tools run up to 2X longer than 18V NiCD tools. •HIGH POWER: 28V Milwaukee high power motor and battery for corded performance with the convenience of cordless; consistent "fade free" power from the first cut to the last. •DURABILITY: V28 provides up to 2.5X more lifetime work output over the life of comparable 18V NiCD batteries. 5 year tool warranty, 2 year battery warranty. •ERGONOMICS: Lightweight Li-ion battery for 28V power at 18V battery weight. •CONVENIENCE: Battery fuel gauge eliminates guessing at battery pack charge level.

V28™ 1/2" IMPACT WRENCH KIT

•Up to 2X run-time of 18V tools •Lightweight — 28V power with 18V weight •Consistent power from the first bolt to the last •28 volt Milwaukee high power motor delivers 325 ft.-lbs. of torque •Durable magnesium mechanism housing •Variable speed trigger control delivers 0-1450 RPM and 0-2450 IPM •Comfortable non-slip, soft grip handle

Kit Contains: Tool, (2) V28 Lithium-Ion battery packs, hanger bracket w/ steel ring, round head detent pin accessory, 1-hour charger and impact resistant carrying case.

Part No. 0779-22.

V28™ SAWZALL® RECIP SAW KIT

•Up to 2X run-time of 18V tools •Lightweight — 28V power with 18V weight •Consistent power from the first cut to the last •28 volt Milwaukee high power motor •Variable speed trigger: 0-2000/0-3000 SPM •Keyless Quik-Lok™ blade clamp •1-1/8" stroke for extremely fast cutting •Exclusive gear protecting clutch

Kit Contains: Tool, (2) V28 Lithium-Ion battery packs, 2-pack Sawzall® blades, 1-hour charger and impact resistant carrying case.

Part No. 0719-22.

V28™ PORTABLE BAND SAW KIT

•Up to 2X run-time of 18V tools •Over 200 cuts of 1" conduit per charge •Consistent power from the first cut to the last •Optimal cutting speed: 0-225/0-350 SFPM •Deep cut, full 4.75 x 4.75 cutting capacity •LED light for cutting visibility

Kit Contains: Tool, V28 Lithium-Ion battery pack, band saw blade , 1-hour charger and impact resistant carrying case.

Part No. 0729-21.

V28™ 1/2" HAMMER-DRILL/DRIVER KIT

•Up to 2X run-time of 18V tools •Lightweight — 28V power with 18V weight •Consistent power from the first hole to the last •28V Milwaukee high power motor delivers 600 in.-lbs. of torque •Heavy duty 2-speed gear box: 0-600/0-1800 RPM; 0-9000/0-27,000 BPM •Ratcheting, single-sleeve chuck with carbide jaws •Clip-Lok™ system secures tool to belt with one-hand

Kit Contains: Tool w/ Clip-Lok™ system, (2) V28 Lithium-Ion battery packs, #2 Phillips bit, 1-hour charger and impact resistant carrying case.

Part No. 0724-24.

V28™ 6½" CIRCULAR SAW KIT

•Up to 2X run-time of 18V tools •Lightweight — 28V power with 18V weight •Consistent power from the first cut to the last •28V Milwaukee high power motor delivers 4200 RPM •Electric brake for quick blade stops •Cuts faster, longer and with more power than any 24 volt unit on the market •All-metal upper and lower blade guards

Kit Contains: Tool, (2) V28 Lithium-Ion battery packs, 6½" 24T carbide blade, wrench, rip fence, 1-hour charger and impact resistant carrying case.

Part No. 0730-22.

V28™ 4-PACK COMBO KIT

•Includes Sawzall® Recip Saw •1/2" Hammer-Drill/Driver •6-1/2" Circular Saw •V28 Work Light with faceted reflector offers a bright uniform beam; compatible with Clip-Lok™ belt attachment.

Kit Also Contains: Work light, Clip-Lok™ system, side handle, (2) V28 Lithium-Ion battery packs, #2 Phillips bit, 6-1/2" 24T carbide blade, rip fence, 2-pack Sawzall® blades, charger and heavy duty contractor bag.

Part No. 0928-29.

NEW HEAVY-DUTY POWER

V28 Lithium-Ion Cordless Power Tools

V28™ 3-PACK COMBO KIT

•Includes Sawzall® Recip Saw •1/2" Hammer-Drill/Driver •V28 Work Light with faceted reflector offers a bright uniform beam; compatible with Clip-Lok™ belt attachment.
Kit Also Contains: (2) V28 Lithium-Ion battery packs, 2-pack Sawzall® blades, side handle, Clip-Lok, bit, charger and heavy duty contractor bag.
Part No. 0928-23.

V28 LITHIUM-ION

V28™ METAL CUTTING CIRCULAR SAW KIT

•Up to 2X run-time of 18V tools •Lightweight — 28V power with 18V weight •Consistent power from the first cut to the last •28V Milwaukee high power motor delivers 3200 RPM •Electric brake for quick blade stops •Comfortable non-slip soft grip reduces vibration and fatigue •LED light for greater cutting visibility •Heavy duty lightweight all steel shoe •Large impact resistant window for clear line of site •Kit Contains: Tool, (2) V28 Lithium-Ion battery packs, 36T blade, wrench, safety glasses, 1-hour charger and impact resistant carrying case.
Part No. 0740-22.

V28™ ROTARY HAMMER KIT

•Up to 2X run-time of 18V tools •Lightweight — 28V power with 18V weight •Consistent power from the first cut to the last •28V Milwaukee high power motor delivers 4700 BPM and 2.4 Ft.lbs. of impact energy •Comfortable non-slip soft grip reduces vibration and fatigue •Comfortable two finger variable speed trigger, for smooth, controlled starts •Magnesium gearcase for durability and lighter weight •SDS+ chuck •Rotation stop feature for light chiseling; hammer action stop feature for drilling •Kit Contains: Tool, (2) V28 Lithium-Ion battery packs, side handle, depth gauge, 1-hour charger and impact resistant carrying case.
Part No. 0756-22.

V28™ RIGHT ANGLE DRILL KIT

•Up to 2X run-time of 18V tools •Lightweight — 28V power with 18V weight •28V Milwaukee high power motor delivers 1,081 in/lbs max torque in low gear •Comfortable non-slip soft grip reduces vibration and fatigue •Comfortable two finger variable speed trigger with easy to reach reversing lever •Head and handle swivel 360°, can be locked tight in any position •Powerful - drill up to a 2-9/16" hole in 2 x 4 with selfeed bit in low gear •Metal, 2-sleeve, grip-lok™ chuck for fast tool free blade changes •0-400/0-1000 RPM •Kit Contains: Tool, (1) V28 Lithium-Ion battery packs, side handle, chuck key 1-hour charger and impact resistant carrying case.
Part No. 0721-21.

V28™ JOB SITE RADIO

•Rugged job site radio withstands 8 ft. drop to concrete •Digital turner with 20 presets (10AM/10FM) •Detachable storage bag and 12 volt auxiliary output on back •Rockford fosgate® speaker system with punch® EQ bass boost delivers powerful crystal clear sounds •Pass through plug on the 10 ft. cord provides an extra AC outlet •Auxiliary stereo jack input for CD, iPod® or MP3 player •Versatile - uses Milwaukee 12 - 28 volt slide-on batteries (not included) or standard 120 volt AC
Part No. 49-24-0280.

NEW HEAVY-DUTY POWER

Milwaukee®

100% Canadian.

18 VOLT Power Tools

The V18™ system, a new line of power tools and 18 volt batteries that can provide a Li-Ion power upgrade to existing Milwaukee 18 volt Ni-Cd tools. In addition to a full line of 18V Li-Ion tools that deliver the same performance and fade free power Milwaukee customers have come to expect from V™ technology, including up to 50% longer runtime vs. Ni-Cad, the V18 system includes a battery and charger that is compatible with all current milwaukee 18 volt tools. By placing a V18 battery on their current 18 volt tools, tradesmen are able to get an immediate performance boost without investing in an entirely new platform.

V18™ 1/2" HAMMER DRILL & DRILL KIT

•High power motor delivers 550 in-lbs. of torque •Battery pack can be installed from the front or rear to fit in tight areas •Cuts up to 25 2-9/16 in. self feed bit holes per charge •1/2" metal ratcheting chuck with carbide jaws provides superior bit grip •No load speed: 0-450/0-1700 RPM •No load BPM: 0-7200/0-27,200 •1/2 in. capacity in steel

Part No. 0824-20, Tool only.

Part No. 0824-24, Kit - includes Tool, (2) V18 Lithium-Ion battery packs, #2 Phillips bit, side handle •18V -28V universal charger and impact resistant carrying case.

0824-20

0824-24

V18™ 4-PACK COMBO KIT

•Includes Sawzall® Recip Saw •1/2" Hammer-Drill/Driver •6-1/2" Circular Saw •V18 Work Light

Kit Also Contains: (2) V18 Lithium-Ion battery packs, 2-pack Sawzall® blades, side handle, #2 Philips bit, 6½" 24T carbide blade, rip fence, one-hour Li-Ion charger and carrying case.

Part No. 0920-29.

V18™ SAWZALL® RECIP SAW KIT

•18 volt Milwaukee high power motor •0-2700 strokes per minute and 1-1/8" stroke length for fast cutting •Keyless Quik-Lok™ blade clamp for fast and easy blade replacement •V18™ Lithium-Ion battery weighs 1/2 lbs. less than comparable NiCd batteries and offers up to 50% longer run time •Universal Li-Ion/NiCd charger - charges all Milwaukee batteries from 18V to 28V •Kit Contains: Tool, (1) V18 Lithium-Ion battery, 2-pack Sawzall® blades, 1 universal charger and impact resistant carrying case.

Part No. 0819-21.

V18™ DRIVER DRILL KIT

•High power motor delivers 550 in-lbs. of torque •Battery pack can be installed from the front or rear to fit in tight areas •1/2" metal ratcheting chuck with carbide jaws provides superior bit grip •Bit holder accommodates 2" length bits and most magnetic bit holders •No load speed: 0-450/0-1700 RPM •Kit Contains: Tool, (2) V18 Lithium-Ion battery packs, #2 Phillips bit, side handle •18V -28V universal charger and impact resistant carrying case.

Part No. 0822-24.

V18™ WOOD CUTTING CIRCULAR SAW KIT

•6½" blade •3,200 RPM •2-1/8" depth cut at 90° •1-9/16" depth cut at 45° •Kit Contains: Tool, (2) V18 Lithium-Ion batteries, 6½" 24T blade, rip fence guide, hex key, 1 universal charger and impact resistant carrying case.

Part No. 0830-22.

V18™ METAL CUTTING CIRCULAR SAW KIT

•6-7/8" blade •3,200 RPM •2-7/16" depth cut at 90° •Kit Contains: Tool, (2) V18 Lithium-Ion batteries, 6-7/8" 36T blade, hex key, safety glasses, 1 universal charger and impact resistant carrying case.

Part No. 0840-22.

V18™ 1/2" IMPACT WRENCH KIT

•1/2" square drive with flat-end detent pin •240 ft-lbs max torque •0-1,400 RPM, 0-2,150 IPM

Kit Contains: Tool, (2) V18 Lithium-Ion batteries, optional round end detent pin, 1 universal charger and impact resistant carrying case.

Part No. 0879-22.

Milwaukee High Performance, Ergonomics & Bit Grip Hammer-Drills & Driver-Drills

•Power: •18V Hammer-Drills and Driver/Drills develop 495 in.lbs. maximum torque (14.4V 460 in.lbs.) •Two speed ranges: 0-500 rpm and 0-1700 rpm •20 position torque adjustment
•Ergonomics: •Patented reversible battery allows drill to fit in tight areas and provides better balance when drilling overhead •Clip-Lok® system frees both hands for work positioning •Side handle rotates 360° and provides ultimate user control during high torque applications •Ergonomic soft finger grip for enhanced comfort
•Bit Grip: •1/2" metal single sleeve Grip-Lok™ ratcheting chuck with carbide jaws for 20% more grip strength
•18 Volt, 2.4 Amp-Hr Battery: •Delivers long run time and is compatible with all other Milwaukee slide-on style, 18 volt battery products •Long run time 2.4 amp-Hr pack with no memory effect
•One-Hour NiCd Charger: •Charger is compatible with 12V, 14.4V and 18V slide-on style NiCd batteries
•Exclusive Clip-Lok® System: •Allows for convenient, hands-free, transportation of the drill and provides a convenient location to set the tool •One-handed load and release of tool •The tool securely "locks" onto the belt •Bit Storage (2-bit capacity) •Clip-Lok® hanger can be placed on either side of drill so it is comfortable for both right and left handed users

1/2" HAMMER-DRILL KIT - 18 Volt
Part No. 0627-24
Includes: (2) 18V NiCd Batteries, 1-Hour Charger, Clip-Lok® Belt Clip, Screwdriver Bit, Side Handle and Impact Resistant Carrying Case
SPECIFICATIONS
High speed (no load): ..... 0-1,700 RPM
Low speed (no load): ..... 0-500 RPM
Maximum torque..... 495 in./lbs.
Overall length ..... 10-5/8"
Net weight..... 6.7 lbs. (tool only)

1/2" HAMMER-DRILL KIT - 14.4 Volt
Part No. 0617-24
Includes: (2) 14.4V NiCd Batteries, 1-Hour Charger, Clip-Lok® Belt Clip, Screwdriver Bit, Side Handle and Impact Resistant Carrying Case
SPECIFICATIONS
High speed (no load): ..... 0-1,700 RPM
Low speed (no load): ..... 0-500 RPM
Maximum torque..... 460 in./lbs.
Overall length ..... 10-5/8"
Net weight..... 6.1 lbs. (tool only)

1/2" DRIVER-DRILL KIT - 18 Volt
Part No. 0625-24
Includes: (2) 18V NiCd Batteries, 1-Hour Charger, Clip-Lok® Belt Clip, Screwdriver Bit, Side Handle and Impact Resistant Carrying Case
SPECIFICATIONS
High speed (no load): ..... 0-1,700 RPM
Low speed (no load): ..... 0-500 RPM
Maximum torque..... 495 in./lbs.
Overall length ..... 10-1/16"
Net weight..... 6.5 lbs. (tool only)

1/2" DRIVER-DRILL KIT - 14.4 Volt
Part No. 0615-24
Includes: (2) 14.4V NiCd Batteries, 1-Hour Charger, Clip-Lok® Belt Clip, Screwdriver Bit, Side Handle and Impact Resistant Carrying Case
SPECIFICATIONS
High speed (no load): ..... 0-1,700 RPM
Low speed (no load): ..... 0-500 RPM
Maximum torque..... 460 in./lbs.
Overall length ..... 10-1/16"
Net weight..... 5.9 lbs. (tool only)

1/2" HAMMER-DRILL, SAWZALL® RECIP SAW & WORK LIGHT COMBO KIT - 18 Volt
Part No. 0922-23
Comes with:
•1/2" Hammer Drill
•Sawzall® Recip Saw
•Work Light
•(2) 18V NiCd 2.4 Amp-hr Battery
•1-HR NiCd Battery Charger
•Contractor Bag
Also Includes: (2) Recip. Blades, Side Handle, Clip-Lok® Belt Clip and Screwdriver Bit

1/2" HAMMER-DRILL, SAWZALL-THE HATCHET® RECIP SAW, METAL CUTTING CIRCULAR SAW & WORK LIGHT COMBO KIT - 18 Volt
Part No. 0924-24
Comes with:
•1/2" Hammer Drill
•Sawzall® Recip Saw
•Circular Saw
•Work Light
•(2) 18V NiCd 2.4 Amp-hr Battery
•1-HR NiCd Battery Charger
•Impact Resistant Case
Also Includes: (2) Recip. Blades, 6-7/8" Blade, Side Handle, Safety Glasses, Hex Key, Clip-Lok® Belt Clip and Screwdriver Bit

1/2" HAMMER-DRILL, SAWZALL® RECIP SAW, WOOD CUTTING CIRCULAR SAW & WORK LIGHT COMBO KIT - 18 Volt
Part No. 0925-24

Comes with:
•1/2" Hammer Drill
•(2) 18V NiCd 2.4 Amp-hr Battery
•Sawzall® Recip Saw
•1-HR NiCd Battery Charger
•Circular Saw
•Contractor Bag
•Work Light
Also Includes: (2) Recip. Blades, 6½" x 24T Blade, Side Handle, Rip Fence Guide, Hex Key, Clip-Lok® Belt Clip and Screwdriver Bit

1/2" HAMMER-DRILL, SAWZALL-THE HATCHET® RECIP SAW, WOOD CUTTING CIRCULAR SAW & WORK LIGHT COMBO KIT - 18 Volt
Part No. 0926-24

Comes with:
•1/2" Hammer Drill
•(2) 18V NiCd 2.4 Amp-hr Battery
•Sawzall® Recip Saw
•1-HR NiCd Battery Charger
•Circular Saw
•Impact Resistant Case
•Work Light
Also Includes: (2) Recip. Blades, 6½" x 24T Blade, Side Handle, Rip Fence Guide, Hex Key, Clip-Lok® Belt Clip and Screwdriver Bit

18 VOLT POWER-PLUS™ 1/2" SQUARE DRIVE IMPACT WRENCH KIT

•Produces up to 240 ft./lbs. maximum torque and 0 - 2200 impacts per minute, 0-1400 RPM •Easily removes and tightens lug nuts on vehicle tires •Includes two 2.4 amp-hr, power-plus batteries and Power-plus one hour universal charger •Reversible battery pack fits into cramped work spaces and adjusts balance •Variable speed switch for maximum user control •Mid handle design for comfort and balance •1/2" pin/detent socket retainer holds sockets and adapters more securely •Impact resistant carrying case
Part No. 9079-22.

18 VOLT POWER-PLUS™ 6½" CIRCULAR SAW KIT

•3200 no load speed RPM 18 volt, 2.4 amp-hr. •5/8" arbor •9.1 lbs. net weight •Cuts more 2 x 4's per battery charge than any other cordless circular saw •Easily cuts all 2X material at 45° bevel angle •Includes two 2.4 amp-hr, power-plus batteries and Power-plus one hour universal charger •Large 50° bevel capacity •Electric brake for quick stops •Comes with 24 tooth blade, rip fence guide, allen wrench and impact resistant carrying case
Part No. 6310-22.

18 VOLT POWER-PLUS™ 6½" CIRCULAR SAW KIT - FOR METAL CUTTING APPLICATIONS

•3200 no load speed RPM •18 volt, 2.4 amp-hr. •5/8" arbor •Features: •Electric brake for quick stops •Powerful Milwaukee built motor with replaceable brushes •Ergonomic cushion grip D-handle •All metal upper and lower guards •Superior balance •Large, easy access, lower blade guard lever •Left blade provides the best line of sight •2-1/8" depth of cut - the most of any cordless metal cutting circular saw •Spindle lock and on board hex wrench for easy blade change •Common materials cut: conduit, copper pipe, metal studs, unistrut and 'C' channel, plunge cut and fabricating metal duct work, angle steel, black pipe, galvanized pipe, aluminum •Includes two 2.4 amp-hr, power-plus batteries and Power-Plus one hour universal charger •Comes with 48 tooth carbide blade for ferrous metals, safety glasses and contractor bag
Part No. 6320-22.

18 VOLT POWER-PLUS™ ORBITAL SAWZALL® KIT

•0-2700 SPM •6 position rotatable handle allows user to get between joists, studs and other confined spaces •Orbital action selector for aggressive wood cutting •3/4" blade stroke •Rugged, tool free adjustable shoe •Reversible battery allows easier plunge cutting •Counter balanced mechanism reduces vibration •25 amp marquardt variable speed switch •Heavy duty steel, keyless Quik-Lok® blade clamp •Includes 2.4 amp-hr, power-plus battery and Power-plus one hour universal charger and carrying case
Part No. 6514-21.

CARBIDE BLADE

6½" 48 Tooth Carbide Blade for Ferrous Metals.
Part No. 48-40-4015.

14 VOLT CAULK/ADHESIVE GUN KITS
•Powerful 620 lbs. pushing force to dispense the highest viscosity materials •Optimal bead control: Variable speed dial to set the speed range; trigger switch for fine tuning control •50% faster in pushing speed than any competitive products •interchangeable front ends to accommodate the 10 oz. standard cartridge, quart size, and the 20 oz. sausage packs •Patented auto reverse feature to prevent unwanted dripping of materials
Part No. 6562-21, Dispenses up to 185 tubes of standard caulk per battery charge. Includes caulk gun, 10 oz. cartridge, plunger rod, one 14.4V battery, and charger.

Part No. 6562-23, Dispenses up to 76 tubes of sub floor adhesive per battery charge. Includes caulk gun, quart size cartridge, plunger rod, one 14.4V battery, and charger.

Part No. 6562-24, Dispenses up to 41 sausage packs of standard caulk per battery charge. Includes caulk gun, 20 oz. sausage barrel, plunger rod, one 14.4V battery, and charger.

2.4 VOLT TWO SPEED SCREWDRIVER KIT
•Two speed 200 and 400 RPM •Two 2.4 volt battery packs •One hour charger •1/4" chuck attachment with key •Includes 4 piece bit set (1/4" socket driver with 1/4" hex, 1/8", 3/16", and 1/4" twist bits) •6 position adjustable clutch •Forward/ reverse button with switch lock feature •Impact resistant carrying case
Part No. 6547-22.

Li-iON/NiCdMULTI-BAY CHARGER
•Charge up to three Milwaukee batteries at the same time •Top off mode reconditions each battery pack during every charge to provide longer life and increased performance •High visibility LED indicators let you know the charging state of the battery packs •Rugged steel handle for easy portability and protection
Part No. 48-59-0280.

2.4 VOLT SINGLE SPEED SCREWDRIVER
•190 RPM •2.4 volt battery pack •One hour charger •Includes 2 phillips and 1 slotted bit •6 position adjustable clutch •Forward/ reverse button with switch lock feature
Part No. 6539-6.

Cordless Tool Accessories

STANDARD BATTERIES/CHARGERS
Part No. 48-11-0100, 2.4 volt Ni-Cad battery
Part No. 48-11-0200, 12 volt, 1.7 Amp-Hr Super Tough Ni-Cad battery
Part No. 48-11-2230, 18 volt, 2.4 Amp-Hr "Slide-On-Style" battery.
Part No. 48-59-0186, One hour vehicle charger, charges all Milwaukee "Slide-On-Style" batteries, including Ni-Cd and Ni-MH.
Part No. 48-59-0255, One hour universal charger, charges all Milwaukee "Slide-On-Style" batteries, including Ni-Cd and Ni-MH.

V18 Li-ION BATTERIES/CHARGERS
Part No. 48-11-1830, V18 Li-Ion battery.
Part No. 48-59-2818, V18/V28 Li-Ion battery charger.
Part No. 48-11-1833, V18 Li-Ion battery & charger pack.

V28 Li-ION BATTERIES/ACCESSORIES
Part No. 48-11-2830, V28 Li-Ion battery.
Part No. 49-24-0185, V28 Li-Ion work light.
Part No. 49-81-0040, Pack of 2 V28 work light bulbs.
Part No. 42-70-5005, V28 Clip-Lok™ belt clip.

1/2" MAGNUM® METAL CHUCK KEYLESS HOLE-SHOOTER

•Grip-Lok™ all metal single sleeve keyless chuck •0-850 RPM •5.5 amp motor •120 volt AC •Side handle •Removable brush cartridge system •Aluminum gear case and diaphragm supplies greater support for shaft and bearings •Trigger speed control reversing switches •High strength, impact resistant handles •8 ft. 3 wire Quik-Lok® cord
Part No. 0235-21.

1/2" MAGNUM® HOLE-SHOOTER

•Chuck key with rubber flex key holder •0-850 RPM •5.5 amp motor •120 volt AC •Side handle •Removable brush cartridge system •Aluminum gear case and diaphragm supplies greater support for shaft and bearings •Trigger speed control reversing switches •High strength, impact resistant handles •8 ft. 3 wire Quik-Lok® cord
Part No. 0234-6.

3/8" HEAVY DUTY HOLE-SHOOTER

With Grip-Lok™ all metal two-sleeve keyless chuck •0-2500 RPM •7.0 amp motor •Double insulated •120 volt AC •All metal gear case and diaphragm supplies greater support for shaft and bearings •Trigger speed control reversing switches •High strength, impact resistant handles •10 ft. 2 wire straight rubber cord •Side handle
Part No. 0201-20.

1/2" DRILL

•Designed for comfort and balance •0-850 RPM •8.0 amp motor •120 volt AC •Quiet helical-cut heat treated steel gears •Heavy duty keyed chuck •360° side handle •Metal gear case and diaphram •Positive action reversing lever •Ergonomic 2-finger trigger
Part No. 0299-20.

1/2" COMPACT HOLE-SHOOTER

•650 RPM •7.0 amp motor •120 volt AC •Electronic speed control adds greater precision •Heat treated gears are helical cut for quiet performance •Chrome moly alloy steel for high torque transmission •Extra long switch handle and pipe handle afford maximum leverage for drilling or reaming large holes •Glass filled nylon spade and switch handles
Part No. 1610-1.

1/2" HOLE-HAWG® KIT

•300/1200 RPM •7.5 amp motor •120 volt AC •Can power up to 4-5/8" selfeed bit in low speed •Drill up to 1-3/8" selfeed bit in high speed •Power and torque, reversing compact design for drilling between studs and joists •Heat treated gears •All ball and roller bearings •Triple reduction gearing •2 position pipe handle, 3 position spade handle •2 speed gear shift •External brush caps •With steel carrying case
Part No. 1676-6.

1/2" IMPACT WRENCH

•2600 impacts per minute •300 ft./lbs. torque •1/2" square drive with ball detent •7 amp •120 volt AC-DC •New mechanism delivers higher torque and smoother operation •Metal gear and transmission housing •Lanyard hole •1/2" "hog" ring socket retainer for frequent socket changes •Forward/reverse rocker switch (AC/DC) is ideal when frequent reversing is necessary
Part No. 9071-20.

1/2" HAMMER DRILL

•Dual torque/speed ranges 0-1350 and 0-2500 RPM •7.5 amp motor •120 volt AC •Hammer action produces 0-22,000 BPM (Low), 0-40,000 BPM (High) •Removable side handle •Trigger speed control reversing switches •Double insulated •Self stopping brushes •Keyed chuck •All ball and roller bearings •For percussion carbide bit drilling in concrete and masonry or drilling without hammering in wood or metal
Part No. 5378-20.

1½" THUNDERBOLT® SPLINE DRIVE HAMMER KIT

•190-385 no load RPM •11 amp motor •120 volt AC •Hammer action produces 1700-3400 no load BPM •Single motion push in spline bit reception •Vibration isolation system •Service reminder light •Speed dial •Two operating modes •Removable, independent depth rod bracket, side handle •10 ft. Quik-Lok™ cord and steel carrying case
Part No. 5321-21.

Heavy Duty Electric Tools

1/2" VARIABLE SPEED RIGHT ANGLE DRILL KIT

•0-500 no load drill only RPM •7 amp motor •120 volt AC •RPM W/RAD 0-335 low side, 0-750 high side •Trigger speed control reversing •Helical cut, heat treated gears •Durable, glass reinforced nylon handle •All ball and roller bearings •Right Angle Drill Features: Use with up to 4-5/8" selfeed bits •Steel hardened shaft •Head and handle swivel 360° - can be locked tight in any position - allows 5½" for right angle drill head and chuck •Includes right angle drive, open end wrench, socket wrench, chuck remover bar, side handle and carrying case
Part No. 3107-6.

HEAVY DUTY DRYWALL SCREWDRIVER

•0-4000 no load RPM •6.5 amp motor •120 volt AC •Variable trigger speed •Only 3.49 lbs. •Quiet snap action clutch •Ramp off depth locator •Patented locator design positively maintains setting when removed from tool •All metal gear case and diaphragm •Improved ergonomic soft grip on handle and motor housing •New switch with two finger trigger •Modular brush card design •All ball and roller bearings •10 ft. 2-wire rubber cord •Includes #2 drywall bit tip and magnetic bit tip holder
Part No. 6742-20.

TILT-LOK™ 7¼" CIRCULAR SAW

•5800 no load speed RPM •15.0 amp motor •3.25 maximum horsepower motor •120 volt AC-DC •5/8" arbor •10.4 lbs. net weight •Exclusive adjustable main handle •Cushion front grip /rear handle •Wide, clear sight line •Convenient bevel scale •One touch spindle lock •Includes framing/rip carbide blade, blade wrench and impact resistant carrying case
Part No. 6390-21.

10¼" CIRCULAR SAW

•5200 no load speed RPM •15.0 amp motor •120 volt AC-DC •5/8" arbor •19½ lbs. net weight •Smooth height and angle adjustments •All ball and roller bearings •Hardened steel helical gearing •External brushes for fast and easy replacement •Extra long, 9 ft. flexible rubber cord •Impact resistant, glass reinforced nylon motor housing •Lower guard contour lip design for retraction •Extreme cut capacity (cuts 4x4's) •Rigid steel shoe for extra strength
Part No. 6460.

8¼" WORM DRIVE SAW

•4400 no load speed RPM •15.0 amp motor •120 volt AC-DC •Diamond arbor •All ball and roller bearings for extended life •Rigid steel shoe for maximum strength •Spindle lock for fast easy blade removal •Serviceable external brushes •Includes combination saw blade and 9/16" wrench
Part No. 6378.

HEAVY DUTY 8" METAL CUTTING SAW KIT

•Durable magnesium blade shield deflects hot metal chips and sparks •Integral chiptank efficiently collects waste for easy clean up •2-9/16" depth of cut for one pass through most metal stud, grating, panel and decking •Exclusive quick release blade shield latch for convenient chip disposal and blade changes •Convenient guard retraction lever for plunge cuts •Dry cut technology provides faster, cleaner, more affordable metal cutting •Powerful 13.0 Amp, 3700 RPM motor optimized for metal cutting •Heavy duty 22.0 Amp switch •120 V AC-DC •Premium carbide tipped metal cutting blade included; cuts faster, cleaner, longer than other carbide tipped or friction blades •Includes hex blade wrench and impact resistant carrying case
Part No. 6370-21.

METAL CUTTING SAW BLADES

8" carbide blade for ferrous metals.
Part No. 48-40-4515, 42 tooth; > 3/32" thick.
Part No. 48-40-4520, 50 tooth; < 3/32" thick.

8" ALUMINUM CUTTING CIRCULAR SAW BLADES

•Laser cut, resin filled expansion slots for sound and vibration dampening. Cuts the "chatter" and blade noise •Fully hardened tensioned steel plate for accurate cuts •Carbide teeth for longer life •Cuts cooler than abrasive blades •Produces smooth, burr-free edges •Costs less per cut than an abrasive blade •60 teeth
Part No. 48-40-4530, for 1/4" x 2" bar stock and 1/4" x 1-1/4" flat stock.
Part No. 48-40-4540, for sheet aluminum and up to 1/4" plate.

14" ABRASIVE CUT OFF MACHINE

•3900 no load RPM •15 amp motor •120 volt AC •1" arbor •All ball bearing construction •Heavy duty cast iron base •For use with abrasive cut-off wheels 14" x 3/32" x 1" •5" pipe cutting capacity •Spindle lock for convenient changing of abrasive wheels •Pivoting wheel guard •Easily accessible brushes •Quick release locking vise •Includes abrasive wheel and hex wrench
Part No. 6176-20.

14" ABRASIVE CUT-OFF MACHINE

•More Power - 5.4 max. horsepower, 15 Amp motor, 3,900 RPM •Completely Tool Free - toolless abrasive wheel system, quick release/adjust vise, 3 position back fence •Heavy Duty Construction - cast aluminum base with 1/4" steel reinforced plate, 3/8" thick cast vise and fence •Horizontal D-Handle
Part No. 6180-20.

14" DRY CUT-OFF MACHINE

•Dry Cut Technology - cuts faster •Burr free cut •Little to no sparks •Durable - 4.8 max. horsepower 15 amp motor (1,500 RPM), 3/8" thick cast vise and fence, heavy duty cast aluminum base •Tool Free - tool free fence, quick release/adjust vise •Horizontal D-Handle
Part No. 6190-2

Part No. 48-40-4505, Replacement 14", 72 tooth carbide-tipped saw blade.
Part No. 48-40-4510, Replacement 14", 90 tooth carbide-tipped saw blade.

DEEP CUT PORTABLE ELECTRIC BAND SAW

•6.0 amp motor •120 volt AC •Large 4¾" x 4¾" capacity •Trigger speed control 0-350 surface ft./min. •Uses standard 44-7/8" x 1/2" x .020" band saw blades •Long life brushes and high output fans •Optimum speed range •All ball and roller bearings •High torque worm gear and chain drive mechanism •Open line of sight •Blade tightening lever •Includes 14 tooth Super-Tough® bi-metal blade and steel carrying case
Part No. 6232-6.

Heavy Duty Electric Tools

ROTATING SUPER SAWZALL

•360° rotating handle - locks at 45° increments, can continuously rotate without going back to starting position, trigger can stay on while rotating, provides optimal user comfort in various cutting applications •High powered 13 amp motor, 1¼" stroke fast cutting •Variable speed trigger, 0-3000 spm •Orbital cutting action - more aggressive cutting in wood •Quik-Lok™ blade clamp - larger, heavy duty, with new gripping ribs, provide fast and easy blade changes •Counter balanced provides smooth operation and less vibration •Gear protecting clutch allows the Sawzall to withstand impacts, lengthening the life of the tool •Cushion grip handle •Speed dial for repetitive cuts •Keyless adjustable shoe for better control of cuts, extends blade life, saves time •Quik-Lok™ cord for fast and easy field replacement
Part No. 6523-21.

ORBITAL SUPER SAWZALL

•High powered 13 amp motor, 1-1/4" stroke fast cutting •Variable speed trigger, 0-3000 spm •Orbital cutting action - more aggressive cutting in wood •Quik-Lok™ blade clamp - larger, heavy duty, with new gripping ribs, provide fast and easy blade changes •Counter balanced provides smooth operation and less vibration •Gear protecting clutch allows the Sawzall to withstand impacts, lengthening the life of the tool •Cushion grip handle •Keyless adjustable shoe for better control of cuts, extends blade life, saves time
Part No. 6536-21.

HEAVY DUTY SAWZALL®

•0-2800 SPM •10.0 amp motor •120 volt AC •All ball and roller bearings •Legendary sawzall durability •Lightweight - only 7 pounds •Trigger speed control •No starting hole needed for plunge cuts into floors or walls •Heavy duty cord positioned for easier plunge cutting •Heavy duty steel Quik-Lok™ blade clamp •Easy access to pivot shoe, adjusting screws •Includes 2 blade pack, 8 ft. 2-wire rubber cord
Part No. 6509-20.

COMPACT ELECTROMAGNETIC DRILL PRESS

•120 volt AC •Powerful 1.1 max HP - 9.0 amp motor •High strength magnet ensures stability and superior holding force during drilling •Accepts 3/4" dia. shank annular cutters •World class cutting capacity: 1-1/2" dia. annular cutter capacity with a 2" D.O.C., 1/2" dia. twist bit capacity with a 4-1/4" D.O.C. •Simple two button control panel •Two position toolless feed handle •Used for drilling holes in metal, bolt clearance holes for bridge building, repair or steel fabrication
Part No. 4270-20, Drill press only.
Part No. 4270-21, Drill press and impact resistant carrying case.

1/2" Drill Chuck Arbor Assembly. Easily converts #4270 mag press arbor to accept up to 1/2" diameter 6" long twist drill bits.
Part No. 48-66-2125.

ELECTROMAGNETIC DRILL PRESS

•12.5 amp motor •120 volt AC •Base control panel includes variable speed adjusting for motor •Solid state electronic switching •Feedback speed control •Computer controlled reverse •Full wave magnetic holding power •Superior cutting tool performance •Line lock-out •Motor/magnet interlock •Automatic base/chip de-mag •Soft start •For use on any flat ferrous material 1/2" and thicker
Part No. 4206-1, 3/4" drill capacity.

Part No. 4208-1,
1-1/4" drill capacity.

BODY GRIP ORBITAL JIG SAW

At 6.2 amps, Milwaukee's 6276-21 Orbital Jig Saw is the highest powered Jig Saw in the industry! The Jig Saw has a 1 inch blade stroke with a 4 position orbital cutting action and 7 setting speed dial with 500 to 3,000 strokes per minute for fast cutting when you need it. A sturdy 6.25 inch cast aluminum base provides greater stability and the base plate has the tightest distance to nose of saw for cutting in tight corners. A keyless 45° bevel shoe adjusts quickly for angle cuts. The low position roller guide ensures blade stability and a precision cut. The Quik-Lok™ blade change system allows quick blade changes without the use of any tools. The built-in dust collection port allows attachment to a vacuum. Uses T-shank jig saw blades. Includes: anti-splintering device, plastic shoe cover, carrying case and two blades.
Part No. 6276-21.

T-SHANK ORBITAL JIG SAW w/ LED LIGHT

•6.5 amp motor •Variable speed trigger for ultimate speed control •Heavy duty all metal gear case •4 position orbital selection lever for fast ripping or precise cutting •Quik-Lok blade change system •Power lock-on •9.5 ft. rubber cord •Counter balance mechanism for smooth operation •Baffle control with 10 setting dust blower adjustment •7 setting speed dial control (500-3000 SPM) for cutting a variety of materials •Die cast aluminum shoe for strength and durability, with plastic shoe cover that won't mar surfaces •Keyless bevel shoe adjustment - 45 degrees in both directions •Built in dust collection port allows attachment to vacuum •Large convenient on/off switch •Utilizes T-shank blades •Roller blade guide for blade stability and precision cutting •Cushion grip for ultimate user comfort •Includes anti-splintering device, two accessory blades, plastic shoe cover and impact resistant carrying case
Part No. 6268-21.

DIE GRINDER

•21,000 RPM •4.5 amp motor •120 volt AC/DC •For mounted wheels and points up to 1-5/8", reinforced wheels up to 2" •Armature dynamically balanced for smooth, efficient operation •On-off toggle switch •Strong lightweight, glass reinforced nylon motor housing and handle •Long life brush system •All ball and roller bearings •Heavy duty aluminum gear case
Part No. 5192.

100% Canadian.

6" RIGHT ANGLE GRINDER

Paddle style switch provides optimal comfort and operator control. Users prefer a paddle style switch and it is often required on major job sites. Milwaukee offers the only 6" grinder with a paddle style switch. The 1.9 max horsepower 11.0 amp moter (9000 rpm) easily handles the toughest cutting and grinding applications. Solid state electronics - tachometer feedback provides constant speed and power under load to optimize cutting and grinding performance. The overload protection helps prevent over heating and motor failures. The soft start reduces start-up torque and improves motor and gear life. Three position side handle for maximum control and comfort during cutting and grinding applications. Lightweight - only 6.6 pounds and compact to fit in tight spaces. Great for; Cutting - •Tubing, pipe or conduit •Angle iron •Channel and I-beam •Rebar •UniStrut •Anchors •Sheet steel, Grinding - •Welds •Steel and stainless steel

Part No. 6160-20.

5" SANDER/GRINDER

•10,000 RPM •5.5 amp motor •120 volt AC/DC •5/8" - 11 spindle size •Double insulated •Long life brushes and high output fans •Optimum speed range for various accessories •All ball and roller bearing construction •Spiral bevel gears •Cast aluminum gear housing with recessed spindle lock •3 position large flanged side handle •Adjustable wheel guard •Includes spanner wrench, grinding wheel guard assembly

Part No. 6141.

4½" MAGNUM™ SANDER/GRINDER

•10,000 RPM •8.5 amp motor •120 volt AC/DC •Double insulated •Paddle switch with lock off button •Long life brushes and high output fans •Optimum speed range for various accessories •All ball and roller bearing construction •Spiral bevel gears •Cast aluminum gear housing with recessed spindle lock •3 position large flanged side handle •Adjustable wheel guard •Lock on button •Includes spanner wrench, grinding disc, guard, and flange

Part No. 6148-6.

5" SUPER MAGNUM™ SANDER/GRINDER

•11,000 RPM •12.0 amp motor •120 volt AC/DC •Double insulated •Long life brushes and high output fans •Optimum speed range for various accessories •All ball and roller bearing construction •Spiral bevel gears •Cast aluminum gear housing with recessed spindle lock •3 position large flanged side handle •Adjustable wheel guard •Includes spanner wrench, grinding disc, guard, and flange

Part No. 6155-20.

7"/9" POLISHER

•0-1750 no load RPM •11.0 amp motor •120 volt AC •7"/9" pad diameter for use with standard liquid polishes •Double insulated •Self stopping long life brush system •All ball and roller bearing construction •Spindle lock for convenient accessory change •Helical gearing •Aluminum gear case with protective urethane bumpers •Dial speed control •Quik-Lok® cord •Includes 7" rubber backing pad, disc nut, nylon washer and side handle

Part No. 5460-6.

7" POLISHER

•0-2800 no load RPM •11.0 amp motor •120 volt AC •7" pad diameter for use with high speed standard liquid machine polishes •Double insulated •Self stopping long life brush system •All ball and roller bearing construction •Spindle lock for convenient accessory change •Helical gearing •Aluminum gear case with protective urethane bumpers •Dial speed control •Quik-Lok® cord set •Includes 7" rubber backing pad, disc nut, nylon washer, and side handle

Part No. 5540.

HEAVY DUTY SHEARS

•360° swivel head for optimal positioning •Powerful 6.8 amp Milwaukee-built motor allows for smoother cuts •0 - 2800 SPM variable speed trigger •Ergonomic tactile grip for optimal user comfort •Lightweight, heavy duty magnesium gear case for superior balance •10 ft. fixed flexible rubber cord •18 gauge capacity

Part No. 6852-20.

DUAL TEMPERATURE HEAT GUN (298°C & 537°C)

•11.6 amp motor •120 volt AC •14.8 cu. ft. min. air volume •298°C and 537°C air temperatures •Impact resistant heating element •Cool air inlet design •Support stand •3 position rocker switch- off, high and low •Double insulated

Part No. 8975-6, Heat Gun.

Part No. 8980, Heat Gun Kit, includes accessory assortment and impact resistant carrying case.

VARIABLE TEMPERATURE HEAT GUN (60°C to 560°C)

•11.6 amp motor •120 volt AC •14.8 cu. ft. min. air volume •60°C to 560°C air temperatures •Impact resistant heating element •Cool air inlet design •Double insulated •Rotate rear housing to select temperature •Support stand •Includes accessory assortment and impact resistant carrying case

Part No. 8977-20, Heat Gun.

Part No. 8985, Heat Gun Kit, includes accessory assortment and impact resistant carrying case.

QUIK-LOK® CORD SET
Quik-Lok® Cord Set - 3 wire, 8 ft. 5-15P NEMA plug type.
Part No. 48-76-4008.

ARBOR KIT
Use to adapt a 3/4" capacity chuck to 1¼" drills with No. 3 internal Morse Taper socket.
Part No. 49-22-1550.

MORSE TAPERS
Morse Taper No. 3 Arbor assembly for threaded shank steel hawg cutters (Metric thread size M 18 x 1.5, 4 lead).
Part No. 49-57-0010.

Morse Taper No. 3 Arbor assembly for use on motor 4292-1, 4297-1. #3 Morse Taper Assembly will allow 3/4" Weldon® style shank cutters to be used with Milwaukee's large magnetic drill stands. Oil hose and hand pump NOT included.
Part No. 49-57-0025.

HEX KEY, SCREW, & CLAMP KIT
Consists of 1 hex key, 1 blade clamp screw and 1 blade clamp.
Part No. 49-22-5010.

KEYLESS DRILL CHUCK
3/8" capacity, 3/8"-24 threaded keyless drill chuck.
Part No. 48-66-1530.

1/4" CHUCK ATTACHMENT
Part No. 49-22-1560.

RIGHT ANGLE DRILL ATTACHMENT KIT
•Allows contractors to get into tight spaces and drill holes or drive screws quickly and easily •Ideal for cordless 2.4 to 18 volt drills. Fits into any 1/4" or larger chuck •Durable - all metal housing and steel gears with ball bearing construction handles up to 235 in.-lbs. of torque •Compact - adapter measures only 2" wide, allowing it to fit in tight spaces •Convenient - quick change chuck accepts standard 1/4" hex drive accessories
Part No. 49-22-8510.

NEW!!

JACOBS® CHUCK
Keyed Chucks – Industrial

BALL BEARING CHUCKS - Super Chuck® Ball Bearing Chucks are designed for heavy duty, close tolerance production drilling on precision equipment.

•Is adaptable to a wide range of production drilling equipment, jig borers, milling machines, lathes and radials. Utilizing a ball thrust bearing to reduce friction in the chuck closing mechanism, it permits the application of more gripping force on drill shanks to maximize drilling torque under the most demanding machining conditions.

FEATURES: •Ball bearing construction maximizes gripping force and drilling accuracy •Jaws centre-ground for absolute straightness and alignment •One-piece sleeve eliminates crack between driving teeth often found in other designs •Through-hardened sleeve teeth, plus hardened nose and keyholes provide outstanding wear resistance •Fluted sleeve standard •Each chuck 100% inspected for performance and precision •T.I.R. .003" maximum at half capacity

- TAPER MOUNTED

PART NO.	MODEL NO.	MAX. CAPACITY RANGE	JACOBS MOUNT	KEY NO.
30209	8½ N	0.250 in) / 6.4 (mm)	2JT	3664
30215	11N	0.375 (in) / 10.0 (mm)	2JT	3666
30221	14N	0.500 (in) / 13.0 (mm)	3JT	3651
30227	16N	0.625 (in) / 16.0 (mm)	3JT	3655
30233	18N	0.750 (in) / 19.0 (mm)	4JT	3655
30239	20N	1.000 (in) / 25.4 (mm)	5JT	3657

PLAIN BEARING CHUCKS - The O.E.M. standard for accuracy and durability on all types of industrial power and machine tools.

•Is the world's most widely used for medium or heavy-duty portable , bench or floor mounted power tools. This industrial quality chuck, with fully hardened and ground working components, offers exceptionally high accuracy, gripping power and durability. Both heavy and medium duty models are available in a wide range of capacities for use on threaded or taper mounted spindles.

FEATURES: •Heavy and medium duty models for threaded or taper mounting •Jaws centre-ground for absolute straightness and alignment •One-piece sleeve eliminates crack between driving teeth often found in other designs •Through-hardened sleeve teeth, plus hardened nose and keyholes provide outstanding wear resistance •Each chuck 100% inspected for performance and precision •T.I.R. .004" maximum at half capacity

TAPER MOUNTED - HEAVY DUTY MODEL (Fluted sleeve standard except Part #14451, which is smooth and ground.)

PART NO.	MODEL NO.	MAX. CAPACITY RANGE	JACOBS MOUNT	KEY NO.
6223	3A	0.625 (in) / 16.0 (mm)	3JT	3651
14442	34-02	0.500 (in) / 13.0 (mm)	2JT	3651
6295	34-06	0.500 (in) / 13.0 (mm)	6JT	3651
14445	34-33	0.500 (in) / 13.0 (mm)	33JT	3651
14451	34-33C (4)	0.500 (in) / 13.0 (mm)	33JT	3653
6309	36	0.800 (in) / 20.3 (mm)	3JT	3655
14865	36KD (2)	0.800 (in) / 20.3 (mm)	3JT	3655

(2) Equipped with positive drive slot.
(4) Equipped with locking collar - 1-1/16-20 thread, smooth sleeve.

TAPER MOUNTED - MEDIUM DUTY MODEL (Fluted sleeve standard except Part #6200 and 6206, which are smooth and ground. Part #6279 Plain Bearing Chucks are hammer capable.)

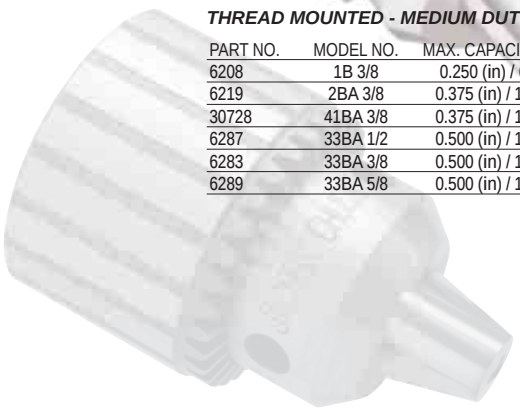
PART NO.	MODEL NO.	MAX. CAPACITY RANGE	JACOBS MOUNT	KEY NO.
6200	0	0.156 (in) / 4.0 (mm)	0JT	3637
6206	1A	0.250 (in) / 6.5 (mm)	1JT	3641
6214	2A	0.375 (in) / 10.0 (mm)	2JT	3649
14698	31-02	0.375 (in) / 10.0 (mm)	2JT	3664
6279	33	0.500 (in) / 13.0 (mm)	33JT	3666

THREAD MOUNTED - HEAVY DUTY MODEL (Fluted sleeve standard)

PART NO.	MODEL NO.	MAX. CAPACITY RANGE	JACOBS MOUNT	KEY NO.
6255	7BA 3/8	0.25 (in) / 6.5 (mm)	3/8-24	3659

THREAD MOUNTED - MEDIUM DUTY MODEL (Fluted sleeve standard except Part #6208, which is smooth and ground.)

PART NO.	MODEL NO.	MAX. CAPACITY RANGE	JACOBS MOUNT	KEY NO.
6208	1B 3/8	0.250 (in) / 6.5 (mm)	3/8-24	3641
6219	2BA 3/8	0.375 (in) / 10.0 (mm)	3/8-24	3649
30728	41BA 3/8	0.375 (in) / 10.0 (mm)	3/8-24	3664
6287	33BA 1/2	0.500 (in) / 13.0 (mm)	1/2-20	3666
6283	33BA 3/8	0.500 (in) / 13.0 (mm)	3/8-24	3666
6289	33BA 5/8	0.500 (in) / 13.0 (mm)	5/8-16	3666



Jacobs® CHUCK

JACOBS® CHUCK

Keyless Chucks – Industrial

NEW!!

INDUSTRIAL KEYLESS CHUCKS - Precision design combines keyless operation with the ultimate in drill chuck accuracy

•High precision devices specifically designed for high accuracy applications on either conventional or CNC equipment. Tightened and released by hand, they permit more rapid tooling changes to increase machining productivity. A self-tightening feature produces significantly higher gripping force to resist tool shank slippage. Precision manufactures and tested to the most exacting quality standards, Jacobs Industrial Keyless Chucks can be counted on for extremely high reliability and durability under the most demanding machining conditions.

FEATURES: •Self-tightenig feature automatically increases gripping force proportional to increased torque to prevent tool shank slippage •All components exposed to wear are completely hardened to maintain accuracy and extended chuck life •Jacobs taper mount permits use on a wide range of high accuracy drill presses, jig borers, milling machines and production drilling equipment •Precision tested and certified to T.I.R. .0016" maximum at half capacity

TAPER MOUNTED - HIGH PRECISION MODEL (For general machining applications)

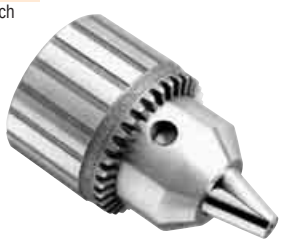
PART NO.	MODEL NO.	MAX. CAPACITY RANGE	JACOBS MOUNT
9682	JKP 130-J33	0.512 (in) / 13.0 (mm)	33JT
9684	JKP 130-J6	0.512 (in) / 13.0 (mm)	6JT

Keyed Chucks – Portable

JACOBS® PROFESSIONAL DUTY CHUCKS - Industrial quality drill chuck gives precision performance for the tradesman or serious home craftsman

These chucks are standard equipment on many of the world's finest commercial-grade drills. No other chuck in its class can match the accuracy, grip and strength produced by the Jacobs Professional Chuck with its through-hardened jaws and durable internal construction.

FEATURES: •One-piece sleeve eliminates crack between driving teeth often found in other designs •Fluted sleeve finish •Each chuck 100% inspected for performance and precision



PART NO.	MAX. CAPACITY RANGE	MOUNT THREAD	KEY NO.
30246	0.375 (in) / 10.0 (mm)	3/8-24	30052
31052	0.500 (in) / 13.0 (mm)	1/2-20	30052

MULTI-CRAFT® DRILL CHUCKS - The world's most popular drill chuck for portable power tools

The Multi-Craft® Drill Chuck is mounted as original equipment on more drills than any other chuck by both domestic and import drill manufacturers. It features through-hardened jaws and a design found only in competitors' industrial-grade chucks. Ideal for corded or cordless reversible or non-reversible power drills.

PART NO.	MAX. CAPACITY RANGE	MOUNT THREAD	KEY NO.
1/4" CAPACITY			
30243	0.250(in) / 6.5 (mm)	3/8-24	14273
3/8" CAPACITY			
30247	0.375(in) / 10.0 (mm)	3/8-24	14273
1/2" CAPACITY			
30598	0.500(in) / 13.0 (mm)	3/8-24	30052
30602	0.500(in) / 13.0 (mm)	1/2-20	30052

ADAPT-A-DRIVE® CHUCK - Converts any cordless screwdriver to a multi-purpose mini-drill for bit sizes up to 1/4"

Easy conversion-integral hex mount locks the Adapt-A-Drive chuck into the screwdriver bit socket. Ideal for use in starting holes for use in hard to reach spaces.

PART NO.	MAX. CAPACITY RANGE	MOUNT THREAD	KEY NO.
30248	0.250 (in) / 6.5 (mm)	.250-Hex	14273

Jacobs® CHUCK

NEW!!

JACOBS® CHUCK
Keyless Chucks – Portable

HAND-TITE® KEYLESS DRILL CHUCKS - Keyless design, with 10mm and 13mm capacities, produces greater bit gripping force than conventional keyed chucks

•Hand-Tite® keyless operation increases operator productivity and convenience by speeding bit changeovers and eliminating downtime caused by loss of chuck keys. Ergonomic design increases hand tightening efficiency and user comfort. Components are constructed from high performance materials designed to provide durable, long lasting performance.

HARD NOSE BLACK FINISH

PART NO.	MAX. CAPACITY RANGE	MOUNT THREAD
10 mm Capacity (3/8")		
30354	0.375 (in) / 10 (mm)	3/8-24
13 mm Capacity (1/2")		
31038	0.500 (in) / 13 (mm)	1/2-20
31037	0.500 (in) / 13 (mm)	3/8-24

HAND-TITE® KEYLESS HAMMER DRILL CHUCKS - Unique, Hammerlock® mechanism expands Hand-Tite® keyless chuck performance and convenience to include 13mm AC or cordless hammer drills

•Hammer-capable Hand-Tite® chucks are designed specifically for use on professional hammer drills. They are equipped with the unique Hammerlock® mechanism. This device automatically engages as the chuck is tightened on the drill bit. It then maintains full gripping pressure to prevent drill bit slippage during hammer drilling. Unlike rigid locking systems which cannot compensate for the effects of impact and vibration, the Hammerlock® system absorbs and compensates for these forces. The result is reliable and consistent performance under severe operating conditions.

HAMMERLOCK® MECHANISM BLACK FINISH

PART NO.	MAX. CAPACITY RANGE	MOUNT THREAD
13 mm Capacity (1/2")		
31237	0.500 (in) / 13 (mm)	1/2-20

Arbors

ARBORS - Precision CNC machined and ground to ensure high accuracy and close-tolerance fit

FEATURES: •Precision machined and ground to master gages for maximum performance with Jacobs drill and tap chucks •Adapt Jacobs taper to: Morse tapers, straight shanks, threaded shanks and Bridgeport® tapers •Each chuck, with one interchangeable Rubber-Flex® Collet, handles a wide range of tap sizes to speed tap size changes •Ideal for use with custom tool and work holder designs and for specialized machining applications

MORSE TAPER TO JACOBS® TAPER ARBOR

PART NO.	AO NO.	DESCRIPTION	OVERALL LENGTH
7307	AO202	2 Morse x 2JT	4.16 (in) /105.6 (mm)
7308	AO203	2 Morse x 3JT	4.50 (in) /114.3 (mm)
7309	AO204	2 Morse x 4JT	4.94 (in) /125.4 (mm)
7311	AO206	2 Morse x 6JT	4.28 (in) /108.7 (mm)
7312	AO233	2 Morse x 33JT	4.28 (in) /108.7 (mm)
7314	AO302	3 Morse x 2JT	4.94 (in) /125.4 (mm)
7315	AO303	3 Morse x 3JT	5.27 (in) /133.8 (mm)
7316	AO304	3 Morse x 4JT	5.70 (in) /144.9 (mm)
7318	AO306	3 Morse x 6JT	5.06 (in) /128.6 (mm)
7319	AO333	3 Morse x 33JT	5.06 (in) /128.6 (mm)
7321	AO403	4 Morse x 3JT	6.25 (in) /158.8 (mm)
7322	AO404	4 Morse x 4JT	6.69 (in) /169.9 (mm)
7324	AO406	4 Morse x 6JT	6.03 (in) /153.2 (mm)
7327	AO503	5 Morse x 3JT	7.50 (in) /190.5 (mm)
7328	AO504	5 Morse x 4JT	7.946 (in) 201.6 (mm)

STRAIGHT SHANK TO JACOBS® TAPER

PART NO.	AO NO.	DESCRIPTION	STRAIGHT SHANKS	OVERALL LENGTH
7349	A4001	1/2" x 1JT	2.50 (in) /63.5 (mm)	3.312 (in) /84.1 (mm)
7350	A4002	1/2" x 2JT	2.50 (in) /63.5 (mm)	3.531 (in) /89.7 (mm)
7351	A4003	1/2" x 3JT	2.50 (in) /63.5 (mm)	3.875 (in) /98.4 (mm)
7353	A4006	1/2" x 6JT	2.50 (in) /63.5 (mm)	3.656 (in) /92.9 (mm)
7354	A4033	1/2" x 33JT	2.50 (in) /63.5 (mm)	3.656 (in) /92.9 (mm)
7361	A4202	3/4" x 2JT	3.00 (in) /76.2 (mm)	4.031 (in) /102.4 (mm)
7362	A4203	3/4" x 3JT	3.00 (in) /76.2 (mm)	4.375 (in) /111.1 (mm)
7364	A4206	3/4" x 6JT	3.00 (in) /76.2 (mm)	4.156 (in) /105.6 (mm)
7367	A4303	1" x 3JT	3.00 (in) /76.2 (mm)	4.375 (in) /111.1 (mm)

Drill Sleeves

NEW!!

DRILL SLEEVES - MORSE TAPER - Archer® Series 600 & 700 precision machine tool accessories for maximum flexibility in tooling setups

FEATURES: •Adapt smaller Morse taper shank tools to larger machine spindles •Oil toughened and externally precision ground with hardened tang

PART NO.	MODEL NO.	MORSE TAPER NO.	OVERALL LENGTH
30421	610	1 Outside / 0 Inside	3.125 (in) /79 (mm)
30422	621	2 Outside / 1 Inside	3.62 (in) /92 (mm)
30423	632	3 Outside / 2 Inside	4.38 (in) /111 (mm)
30425	643	4 Outside / 3 Inside	5.50 (in) /140 (mm)
30428	654	5 Outside / 4 Inside	6.69 (in) /170 (mm)
30431	665	6 Outside / 5 Inside	8.56 (in) /217 (mm)
30434	732	3 Outside / 2 Inside	4.38 (in) /111 (mm)

Ejecting Drifts

FEATURES: •Hardened and tempered •Eject Morse taper sizes 0 through 6 from sleeves, sockets, and machine spindles

PART NO.	MODEL NO.	FOR EJECTION OF
30484	900	No. 0 Morse Taper
30485	902	Nos. 1 & 2 Morse Tapers
30486	903	Nos. 3 & 4 Morse Tapers
30487	904	Nos. 4 & 5 Morse Tapers
30488	906	No. 6 Morse Taper
30489	914	Nos. 4 & 5 Morse Tapers

Chuck Keys & Accessories

CHUCK KEYS

FEATURES: •Nickel thumb grip styles increase leverage and user comfort •Soft steel handles limit the potential for dangerous fracturing under excessive load •Self-ejecting models with spring loaded ejectors ensure key disengagement after tightening

T-Handle

L-Handle

Thumb Handle

PART NO.	MODEL NO.	DESCRIPTION	PILOT SIZE	USED ON
3637	K0	T-Handle	1/8"	0 Series
3641	K1	T-handle	5/32"	1 Series
3649	K2	Thumb Handle	1/4"	2 Series
3651	K3	Thumb Handle	5/16"	3, 34 Series & 14N
3653	K3C	Thumb Handle	5/16"	34-33 C
3655	K4	Thumb Handle	3/8"	36, 16 & 18N
3657	K5	T-Handle	7/16"	20N
3659	K7	Thumb Handle	7/32"	7 Series
3664	K30	Thumb Handle	15/16"	31 Series & 8-1/2N
3666	K32	Thumb Handle	1/4"	32, 33 Series & 11N
30052	KK	T-Handle	9/32"	DC8, SM8, 74K, 22BA, 23BA, 24BA, 26BA, 29-33, 30246, 30598, 30602, 31052
14273	KG1	T-Handle	1/4"	1/4 & 3/8 Multi-Craft (black handle)
3605	KGA	L-Handle	1/4"	1/4 & 3/8 Multi-Craft

SELF-EJECTING KEYS

PART NO.	MODEL NO.	DESCRIPTION	PILOT SIZE	USED ON
2948	S-K3C	T-Handle	5/16"	3, 34 Series & 14N
3157	S-KK	T-Handle	9/32"	DC8, SM8, 74K, 22BA, 23BA, 24BA, 26BA

WEDGE SETS

For removing taper mount chucks from arbors or chucks

PART NO.	SET NO.	USED ON JACOBS TAPER NO.
13266	#1 Wedge Set	1JT
13267	#2 Wedge Set	2JT
13268	#3 Wedge Set	3JT
13269	#6 Wedge Set	6JT

KEY LEASHES

PART NO.	MODEL NO.	FITS KEY NO.
3685	Model A	K0, K1, K7, KG
3686	Model B	K30, K32, K2, KK

Jacobs® CHUCK

DOCAP Drill Chucks

695-002

695-001

695-024 & 695-098

Part No. 695-001, 1/16" - 3/8" capacity, 3/8"-24 threaded keyless drill chuck.
Part No. 695-002, 0 - 1/2" capacity, 1/2"-20 threaded heavy duty keyless drill chuck.
Part No. 695-003, 0 - 1/2" capacity, JT6 thread mount super heavy duty keyless taper mount drill chuck.
Part No. 695-004, 0 - 1/2" capacity, JT6 thread mount heavy duty keyless taper mount drill chuck.
Part No. 695-011, 1/16" - 3/8" capacity, 3/8"-24 threaded medium duty drill chuck*.
Part No. 695-015, 5/64" - 1/2" capacity, 1/2"-20 threaded medium duty drill chuck*.
Part No. 695-016, 5/64" - 1/2" capacity, 3/8"-24 threaded medium duty drill chuck*.
Part No. 695-022, 0 - 3/8" capacity, 3/8"-24 threaded heavy duty drill chuck*.
Part No. 695-024, 0 - 1/2" capacity, 1/2"-20 threaded heavy duty drill chuck*.
Part No. 695-026, 0 - 1/2" capacity, 3/8"-24 threaded heavy duty drill chuck*.
Part No. 695-027, 0 - 1/2" capacity, JT6 taper mount drill chuck*.
Part No. 695-095, Chuck key for 695-027 drill chuck.
Part No. 695-096, Chuck key for 695-011 drill chuck.
Part No. 695-097, Chuck key for 695-022 drill chuck.
Part No. 695-098, Chuck key for 695-024 and 695-026 drill chucks.
Part No. 695-099, Chuck key for 695-015 and 695-016 drill chucks.
Part No. 695-100, Speed angle driver, 90° drive attachment with 3/8" drill chuck. 3/8"-24 thread mount, 1/16" - 3/8" capacity. For drilling in tight corners or at awkward angles. For right or left hand use.

*Comes complete with key

DEWALT Cordless Tools

36 VOLT POWER TOOLS
The Power of Corded Without The Cord

The 36 volt cordless battery platform was developed to provide professional contractors with the performance needed to complete high-powered applications which, previously, were only possible with corded tools. DeWalt 36 Volt features a unique Nano-Phosphate Lithium-Ion design that offers a high level of power, run-time and durability when compared to conventional lithium technology. With this breakthrough innovation, the new DeWalt 36 volt tools will live up to DeWalt's commitment to providing guaranteed tough product for the professional end user.

DEWALT 36 VOLT THE POWER OF CORDED WITHOUT THE CORD

1/2" HAMMERDRILL/DRILL/DRIVER, RECIP SAW, CIRCULAR SAW & FLOODLIGHT COMBO KIT - 36 Volt
Part No. DCX6401
Comes with:
•1/2" Hammerdrill/Drill/Driver (DC900KL)
•FloodLight (DC509)
•Reciprocating Saw (DC305K)
•(2) 36V Battery Packs (DC9360)
•Circular Saw (DC300K)
•1-HR Battery Charger (DC9000)
Also Includes: 360° side handle, 7¼" carbide tipped saw blade, rip fence, reciprocating saw blade, and heavy duty kit box.

1/2" HAMMERDRILL/DRILL/DRIVER, RECIPROCATING SAW COMBO KIT - 36 Volt
Part No. DCX6210
Comes with:
•1/2" Hammerdrill/Drill/Driver (DC900KL)
•(2) 36V Battery Packs (DC9360)
•Reciprocating Saw (DC305K)
•1-HR Battery Charger (DC9000)
Also Includes: 360° side handle, reciprocating saw blade, contractor bag.

1/2" HAMMERDRILL/DRILL/DRIVER, CIRCULAR SAW COMBO KIT - 36 Volt
Part No. DCX6200
Comes with:
•1/2" Hammerdrill/Drill/Driver (DC900KL)
•(2) 36V Battery Packs (DC9360)
•Circular Saw (DC300K)
•1-HR Battery Charger (DC9000)
Also Includes: 360° side handle, 7¼" carbide tipped saw blade, rip fence, contractor bag.

HEAVY DUTY 1/2" HAMMERDRILL/DRILL/ DRIVER - 36 Volt
Part No. DC900KL

Features: •Patented 3-Speed All-Metal Transmission - Matches the speed to the application for optimal performance •High Power, High Efficiency Motor - Delivers maximum performance in all drilling and fastening applications •Anti-Slip Comfort Grip - Provides increased comfort and control •36V High Performance Battery Pack - Provides long run time and battery life •Enhanced Durability and Reliability - Built to withstand the job site environment and the most demanding applications •Heavy Duty 1/2" Self-Tightening Chuck - Chuck tightens throughout operation providing superior bit gripping.
Includes: (2) 36V battery packs, 1-hour charger, 360° side handle, heavy duty kit box

SPECIFICATIONS
Max RPM:.....0-400/0-1,200/0-1,600
Max BPM:.....0-6800/0-20,400/0-27,200
# of Clutch Settings: ...22
Weight: .....6.9 lbs.

HEAVY DUTY RECIPROCATING SAW KIT - 36 Volt
Part No. DC305K

Features: •3-Position Adjustable Shoe - Easily adjusts depth of cut and extends blade life •High Power, High Efficiency Motor with Electric Brake - Powerful enough for the toughest applications •Anti-Slip Comfort Grip - Provides increased comfort and control •36V High Performance Battery Pack - Provides long run time and battery life •4-Position Keyless Blade Clamp - Allows for flush cutting and increased versatility •1-1/8" Stroke Length & 0-3,000 SPM - For faster cutting speed in wood, metal and plastics.
Includes: (1) 36V battery pack, 1-hour charger, blade, heavy duty kit box

HEAVY DUTY 7¼" CIRCULAR SAW KIT - 36 Volt
Part No. DC300K

Features: •High Strength Magnesium Shoe and Upper Guard - Provides increased durability for long term cut accuracy •High Power, High Efficiency Motor with Electric Brake - Powerful enough for the toughest applications •Anti-Slip Comfort Grip - Provides increased comfort and control •36V High Performance Battery Pack - Provides long run time and battery life •All-Metal Keyless Blade Change System - For quick and easy blade changes •7-1/4" Carbide Tipped Blade - For 2x cutting capacity at 90° and 45° •0-50° Bevel Capacity with Lever-Action Detents at 22.5° and 45° - Allows for aggressive bevel cuts while allowing users to locate common angles quickly.
Includes: (1) 36V battery pack, 1-hour charger, 7-1/4" carbide tipped blade, rip fence, heavy duty kit box

SPECIFICATIONS
No Load Speed:.....4,000 RPM
Arbor Size:.....5/8"
Depth of Cut at 45°:....1-5/8"
Depth of Cut at 90°:....2-7/16"
Weight: .....9.9 lbs.

HEAVY DUTY SDS ROTARY HAMMER KIT - 36 Volt
Part No. DC232KL

Features: •1.9 ft.lbs. Impact Energy - Provides corded power without the cord •Compact L-Shape Design - Allows access in tight spaces while providing optimal balance to the user •High Torque, High Efficiency Motor - Delivers maximum performance in all drilling applications •Anti-Slip Comfort Grip - Provides increased comfort and control •36V High Performance Battery Pack - Provides long run time and battery life •Dual Mode: Hammerdrill/Drill - For increased versatility •Shocks™ Active Vibration Control - Significantly reduces vibration and increases user comfort and productivity.
Includes: (2) 36V battery packs, 1-hour charger, 360° side handle with depth rod, heavy duty kit box

SPECIFICATIONS
Chuck Type:..... SDS Plus
No Load Speed:..... 0-1,150 RPM
Blows/Min: ..... 0-4,400 BPM
Concrete Optimum: ..... 1/4" - 5/8"
Weight: ..... 7.8 lbs.

HEAVY DUTY 1/2" IMPACT WRENCH KIT - 36 Volt
Part No. DC800KL

Features: •Heavy Duty Impact Mechanism - Delivers superior torque for heavy duty applications •High Speed All-Metal Transmission - Delivers increased productivity •High Power, High Efficiency Motor with Replaceable Brushes - Delivers maximum performance in all fastening applications •Anti-Slip Comfort Grip - Provides increased comfort and control •36V High Performance Battery Pack - Provides long run time and battery life •Preferred Rocker Switch Design - For fast and easy forward and reverse •All-Metal Anvil - Provides durability and prevents shearing.
Includes: (2) 36V battery packs, 1-hour charger, heavy duty kit box

SPECIFICATIONS
Drive: ..... 1/2" Square w/ Detent Pin
Max Torque:..... 325 ft.lbs. based on clamp load method
No Load Speed:..... 1,400 RPM
Blows/Min: ..... 2,500 BPM
Weight: ..... 7.5 lbs.

HEAVY DUTY JIG SAW KIT - 36 Volt
Part No. DC308K

Features: •1" Stroke Length and 0-2,700 SPM with Electric Brake - For improved control and versatility in different materials and applications •Adjustable Dust Blower - Keeps line of cut clear from chips •4-Position Orbital Action - Provides control of aggressiveness of cut and speed •Anti-Slip Comfort Grip - Provides increased comfort and control •36V High Performance Battery Pack - Provides long run time and battery life •All-Metal Lever-Action Keyless Blade Change - For quick and easy blade changes •All-Metal Keyless Shoe Bevel with Detents at 0°, 15°, 30° and 45° - Provides versatility for easy bevel cutting.
Includes: (1) 36V battery pack, 1-hour charger, jig saw blades, heavy duty kit box

SPECIFICATIONS
Strokes Per Minute:..... 0-2,700 SPM
Weight: ..... 7.5 lbs.

100% Canadian.

HEAVY DUTY FLOODLIGHT - 36 Volt
Part No. DC509

Features: •Flex-Neck Design with Lockable Head Clips - Allows for hands-free use and versatility to stand or hang light •Wide Angle Beam of Light - Provides more light than a conventional flashlight •Xenon Bulbs - Provide an extra bright beam of light •8 Hours Run Time - On 1 charge.

SPECIFICATIONS
Bulb Life:..... 110 hours
Weight: ..... 1.14 lbs. (without battery pack)

BATTERY PACK - 36 Volt
Part No. DC9360

Features: •Nano-Phosphate Lithium-Ion Cells - Provide high power for corded performance; Deliver 2-3x more run time vs 18V batteries; Offer long battery life and durability: 2000 recharges •Lightweight Design - 2.4 lbs. - same weight as a DeWalt 18V battery •No Memory and No Self-Discharge - For maximum productivity and less downtime.

1 HOUR BATTERY CHARGER - 36 Volt
Part No. DC9000

Features: •1 Hour Charging - Provides fast charging for minimum downtime •DeWalt 3-Stage Charging System - Provides maximum run time and extends overall life of the battery •Battery Fuel Gauge - Indicates how much charge is in the battery •Cord Wrap - Provides improved cord storage.

CORDLESS HEAVY DUTY XRP™ 4-TOOL COMBO KIT - 18 VOLT

•Includes: •DC925 XRP™ 18V Hammerdrill with DeWalt built high power motor delivers 510 unit watts out of power •Heavy duty ½" self-tightening chuck tightens throughout operation providing superior bit gripping torque •DC390 XRP™ 18V Circular Saw with 6-½" carbide blade and rip fence can cut 2x4's at a 45° angle in a single pass •DC385 XRP™ 18V Reciprocating Saw with keyless blade clamp allows for quick blade change without touching blade or reciprocating shaft •DW919 18V Flexible Floodlight provides hands free use
Part No. DC4PAKA.

CORDLESS HEAVY DUTY XRP™ DRYWALL/ DECK SCREWDRIVER KIT - 18 VOLT

•Dual speed ranges (0-900/0-2,900 rpm); high speed for drywall, low speed for decking •Depth sensitive "set and forget" nosepiece for consistent fastener depth •DeWalt built high performance motor with fan cooling delivers maximum power and durability •Includes: 1 hour charger, (2) 18V XRP™ batteries, bit tip/magnetic holder, drywall nosepiece, TEKS® nosepiece and heavy duty kit box.
Part No. DC520KA.

SPECIFICATIONS
Drive ..... 1/4" Hex
Max. Torque..... 180 in-lbs
No Load Speed:
Low..... 0-900 RPM
Hi ..... 0-2900 RPM
Capacity (CRS) ..... 12 ga.
Net Weight..... 5.1 lbs.

1/2" CORDLESS HEAVY DUTY XRP™ HAMMERDRILL/DRILL/DRIVER KIT - 18 VOLT

•High power, high efficiency motor provides faster speed of application •3-speed transmission matches speed to the application for optimal performance •Self-tightening chuck •Includes 360° side handle, 1 hour charger, (2) 18V XRP™ batteries, kitbox
Part No. DC926KA .

SPECIFICATIONS
Chuck Size ..... 1/2"
Max. Power..... 510 UWO
# of Speed Settings..... 3
Max. RPM..... 0-450/0-1500/0-2000
Max. BPM..... 0-7650/0-25,500/0-34,000
Net Weight..... 6.2 lbs.

1/2" CORDLESS HEAVY DUTY XRP™ DRILL/ DRIVER KIT - 18 VOLT

•High efficiency motor delivers 510 units watts out of power for maximum performance •XRP™ extended run time batteries provide long run time and battery life •3 speed transmission features a max 3rd speed at 2000 rpm •Heavu duty 1/2" axial locking chuck locks the sleeve to prevent bits from slipping and falling out •Superior ergonomics provides optimal balance, comfort and control •Includes: 1 hour charger, (2) batteries, 360° side handle, double ended screwdriver bit and heavy duty kit box
Part No. DC920KA .

SPECIFICATIONS
Chuck Size ..... 1/2"
# of Speed Settings..... 3
No Load Speed:
Low..... 0-450 RPM
Hi ..... 0-2000 RPM
Net Weight..... 6.0 lbs.

CORDLESS HEAVY DUTY XRP™ CIRCULAR SAW KIT - 18 VOLT

•3700 rpm for fast rip cuts and cross cuts •6-1/2" carbide tipped blade for 2x cutting capacity at 90° and 45° •High strength magnesium shoe and upper guard provides increased durability •0-50° bevel capacity provides additional capacity for a multitude of applications •Fan cooled motor with replaceable brushes for maximum power and durability •XRP™ extended run time batteries provide long run time and battery life •Includes: 1 hour charger, (1) battery, 16-tooth carbide saw blade, blade wrench, rip fence and heavy duty kit box
Part No. DC390K.

SPECIFICATIONS
No Load Speed..... 3700 RPM
Blade Diameter..... 6-1/2"
Arbor Size..... 16 mm
Bevel Capacity..... 0-50°
Depth Of Cut at 45°..... 1-5/8"
Depth Of Cut at 90°..... 2-1/4"
Net Weight..... 8.7 lbs.

CORDLESS HEAVY DUTY XRP™ RECIPROCATING SAW KIT - 18 VOLT

•1" stroke length and 2900 spm for fast cutting •Keyless blade clamp allows quick blade change without touching blade or reciprocating shaft •Electric brake minimizes blade breakage when exiting plunge cuts •Compact and lightweight •Pivoting shoe with open top for maximum visibility •Blade can be reversed for flush and plunge cutting •Variable speed with trigger lock for increased blade control •Includes: 1 hour charger, (1) battery, reciprocating saw blade and heavy duty kit box
Part No. DC385K.

SPECIFICATIONS
Keyless Blade Clamp ..... yes
Strokes/Min..... 0-2900 spm
Stroke Length 1
Net Weight..... 7.1 lbs.

CORDLESS HEAVY DUTY XRP™ DRILL/DRIVER/ RECIPROCATING SAW COMBO KIT - 18 VOLT

•Includes: DC925 hammerdrill/drill/driver, DC385 XRP™ reciprocating saw, 1 hour charger, (2) 18 V XRP™ batteries, 360° side handle, reciprocating saw blade and kit box
Part No. DC2PAKCA.

CORDLESS HEAVY DUTY XRP™ 1/2 GALLON WET/DRY PORTABLE VAC - 18 VOLT

•Dual clean-up modes allow for debris clean up with either the front utility nozzle or extendable rubber hose •1/2 gallon tank with heavy duty latch is easy to empty and clean •Gore™ HEPA wet/dry filter traps 99.97% of dust at 0.3 microns •Washable filter •Heavy duty rubber hose provides durability and flexibility •Large on/off switch that is easy to access with one hand •Runs off of 18V DeWalt battery packs for longer runtime
Part No. DC515K.

1/2" CORDLESS HEAVY DUTY XRP™ HAMMERDRILL/DRILL/DRIVER KIT - 14.4 VOLT

•High power, high efficiency motor provides faster speed of application •3-speed transmission matches speed to the application for optimal performance •Self-tightening chuck •Includes 360° side handle, 1 hour charger, (2) 14.4V XRP™ batteries, kitbox
Part No. DC936KA.

SPECIFICATIONS
Chuck Size ..... 1/2"
Max. Power..... 335 UWO
# of Speed Settings 3
Max. RPM..... 0-450/0-1450/0-1800
Max. BPM..... 0-7650/0-24,650/0-30,600
Net Weight..... 5.4 lbs.

1/2" CORDLESS HEAVY DUTY XRP™ DRILL/ DRIVER KIT - 14.4 VOLT

•High torque motor delivers 450 in-lbs of maximum torque •XRP™ extended run time batteries provide long run time and battery life •3 speed transmission features a max 3rd speed at 1800 rpm •1/2" metal ratcheting chuck with carbide jaws helps to prevent bits from slipping •Superior ergonomics provides optimal balance, comfort and control •Includes: 1 hour charger, (2) batteries, double ended screwdriver bit and heavy duty kit box
Part No. DC930KA

SPECIFICATIONS
Chuck Size .....
Max. Torque.....
# of Speed Settings
No Load Speed:
Low..... 0-450 RPM
Hi ..... 0-1800 RPM
Net Weight..... 5.3 lbs.

1/2" CORDLESS HEAVY DUTY XRP™ DRILL/ DRIVER KIT - 12 VOLT

•High power, high efficiency motor provides faster speed of application •3-speed transmission matches speed to the application for optimal performance •Metal, single sleeve ratcheting chuck type •Includes 360° side handle, 1 hour charger, (2) 12V XRP™ batteries, kitbox
Part No. DC940KA.

SPECIFICATIONS
Chuck Size .....1/2"
Max. Power.....290 UWO
# of Speed Settings 3
Max. RPM.....0-450/0-1450/0-1800
Net Weight.....5.0 lbs.

3/8" CORDLESS HEAVY DUTY RIGHT ANGLE DRILL/DRIVER KIT - 12 VOLT

•2 speed ranges: 0-400/0-1200 rpm allowing the user to get into tighter spaces while still having access to the trigger •180 in-lbs. of maximum torque for increased applications such as turning large bits and fasteners •Multi grip trigger provides comfort and convenience allowing the user to get into tight spaces •Includes: 1 hour charger, (2) batteries and heavy duty kit box
Part No. DW965K-2.

SPECIFICATIONS
Chuck Size ..... 3/8"
Max. Torque..... 180 in-lbs
# of Speed Settings 2
No Load Speed:
Low..... 0-400 RPM
Hi ..... 0-1200 RPM
Net Weight..... 4.1 lbs.

HEAVY DUTY 18V CORDLESS FLEXIBLE FLOODLIGHT

Features: •Wide angle beam is brighter than traditional flashlights •Flexible neck allows for hands-free operation and light to be projected in any direction whether it is standing on its base, wrapped around a pipe, or hanging from rafters overhead •Lockable head clip offers versatility and convenience of a lantern •Extra bright Xenon bulb maximizes brightness of the beam •Battery sold separately
Part No. DW919.

NEW!!

Cordless Tool Batteries, Chargers, & Accessories

XRP™ EXTENDED RUN-TIME BATTERY PACKS

•40% more run time than standard batteries.
Part No. DC9071, 12 Volt, 2.4 amp/hr.
Part No. DC9091, 14.4 Volt, 2.4 amp/hr.
Part No. DC9096, 18 Volt, 2.4 amp/hr.
Part No. DC9096-2, Pack of 2 - 18 Volt, 2.4 amp/hr.

1 HOUR FAST CHARGER

•7.2 volt to 18 volt •Accepts the following DeWalt battery packs: #DW9096, DW9095, DW9098, DW9091, DW9094, DW9071, DW9072, DW9061, DW9062, DW9057.
Part No. DW9116.

1 HOUR VEHICLE CHARGER

•7.2 volt to 18 volt •Accepts the following DeWalt battery packs: #DW9096, DW9095, DW9098, DW9091, DW9094, DW9071, DW9072, DW9061, DW9062, DW9057.
Part No. DW9109.

3/8" HEAVY DUTY DRILL
•6.0 amp •0 - 2500 rpm •Variable speed, reversing
Part No. D21002.

3/8" HEAVY DUTY DRILL w/ KEYLESS CHUCK
•6.0 amp •0 - 2500 rpm •Variable speed, reversing •Includes level on top of drill
Part No. D21009.

3/8" HEAVY DUTY DRILL w/ KEYLESS CHUCK
•6.7 amp •0 - 1200 rpm •Variable speed, reversing •Spindle lock
Part No. DW222.

3/8" HEAVY DUTY DRILL
•7.0 amp •0 - 1200 rpm •Variable speed, reversing
Part No. DW223G.

1/2" HEAVY DUTY DRILL
•7.8 amp •0 - 600 rpm •Variable speed, reversing •360° side handle
Part No. DW245.

1/2" HEAVY DUTY DRILL w/ KEYLESS CHUCK
•7.8 amp •0 - 600 rpm •Variable speed, reversing •360° side handle, spindle lock
Part No. DW246.

1/2" HEAVY DUTY DRILL w/ KEYLESS CHUCK
•7.8 amp •0 - 850 rpm •Variable speed, reversing •360° side handle, spindle lock
Part No. DW236K.

1/2" HEAVY DUTY SPADE HANDLE DRILL
•9.0 amp •550 rpm •Reversing •Includes chuck key and holder
Part No. DW130V.

1/2" HEAVY DUTY JOIST & STUD DRILL KIT
•8.0 amp •2 speed, 300 rpm/1200 rpm •Reversing •Includes carrying case, bail handle, chuck key and holder
Part No. DW124K.

2" HEAVY DUTY MAGNETIC DRILL/CUTTER PRESS
•10.0 amp •375 rpm •Drills 1-1/4" - 2" holes •Reversing •Includes 5 ft. safety strap
Part No. DW159.

HEAVY DUTY DRYWALL SCREWDRIVER w/ QUIET CLUTCH
•6.0 amp •0 - 5300 rpm •Variable speed, reversing
Part No. DW255.

HEAVY DUTY DECK/DRYWALL SCREWDRIVER
•6.2 amp •0 - 2500 rpm •Variable speed, reversing
Part No. DW257.

HEAVY DUTY VERSA-CLUTCH® SCREWDRIVER

•6.5 amp •0 - 2500 rpm •Variable speed, reversing
Part No. DW268.

1/2" HEAVY DUTY IMPACT WRENCH

•7.5 amp •2100 bpm no load speed •2700 bpm impacts per minute •AC/DC forward/reverse rocker switch •325 ft./lbs. of torque in forward and reverse •Soft grip handle for superior ergonomics •Includes hog ring retainer for easy socket changes •Ball bearing construction for increased durability
Part No. DW293.

7¼" HEAVY DUTY CIRCULAR SAW

•15.0 amp high torque motor •5800 rpm •2 second electric brake •Rear pivot depth of cut adjustment •Includes blade and wrench
Part No. DW364.

7¼" HEAVY DUTY LIGHTWEIGHT CIRCULAR SAW

•15.0 amp high torque motor •5800 rpm •9.5 lb. lightweight tool ergonomically designed •2200 max watts out •56° beveling capacity •Includes blade, wrench and heavy duty carrying case
Part No. DW368K.

8¼" HEAVY DUTY CIRCULAR SAW

•15.0 amp high torque motor •5800 rpm •2 second electric brake •Rear pivot depth of cut adjustment •Includes blade and wrench
Part No. DW384.

HEAVY DUTY 7¼" HIGH TORQUE FRAMING SAW

•Lightweight - 13 lbs. for decreased user fatigue •15 Amp, high torque motor for increased productivity •50° bevel capacity increases range of applications •Integrated saw hook to hang tool on rafters/trusses •High strength cast aluminum base with integral stiffeners provides superior durability •Lower guard design improves performance when making bevel cuts and cutting shims •Includes: carbide tipped framing blade, grounded plug and blade wrench
Part No. DW378G.

SPECIFICATIONS

Max Watts Out	2000 W
No Load Speed	4600 rpm
Depth of Cut at 90°	2-7/16"
Depth of Cut at 45°	1-7/8"
Net Weight	13.0 lbs.

HEAVY DUTY RECIPROCATING SAW KIT with 4 POSITION BLADE CLAMP

•4 position blade clamp allows for flush cutting and increased versatility •Powerful 10 Amp motor designed for heavy duty applications •Lever action keyless blade clamp for quick and easy blade changing •0-2,800 strokes per minute and 1-1/8" stroke length deliver fast cutting •Variable speed trigger provides improved control •Includes: metal cutting blade and heavy duty kit box
Part No. DW304PK.

SPECIFICATIONS

Keyless Blade Clamp	Yes
Strokes/Min	0-2800 spm
Stroke Length	1-1/8"
Net Weight	7.0 lbs.

HEAVY DUTY 12 AMP RECIPROCATING SAW KIT

•12 amp motor delivers increased power for heavy duty applications •0-2,700 SPM and
1-1/8" stroke length for fast and efficient cutting •Keyless stainless steel blade clamp for quick and easy blade changes and increased reliability •Keyless adjustable shoe easily adjusts depth of cut and extends blade life •Variable speed trigger provides control and increased versatility
Part No. DW310K.

HEAVY DUTY 13 AMP RECIPROCATING SAW KIT

•13 amp motor delivers increased power for heavy duty applications •Orbital action delivers fast cutting for wood applications •0-2,700 SPM and 1-1/8" stroke length for fast and efficient cutting •Keyless stainless steel blade clamp for quick and easy blade changes and increased reliability •Keyless adjustable shoe easily adjusts depth of cut and extends blade life •Variable speed control dial matches the correct speed for the application for increased versatility and control •Anti-slip comfort grip handle for increased comfort
Part No. DW311K.

HEAVY DUTY DEEP CUT VARIABLE SPEED PORTABLE BAND SAW KIT

•Rubber bumpers protect casting from jobsite abuse •Lightweigh and well balanced design allows for more accurate cuts •Innovative sight light allows the user to see cut line in any jobsite environment •Powerful 6 amp motor designed to withstand jobsite applications
•4-3/4" deep cut capacity for round or rectangular stock •Dual bearing blade guide rollers increase durability in the blade support system •Durable and adjustable material guide allows the user to adjust for various jobsite materials •Large front handle allows for more space and control •Ergonomic soft grip handle provides comfort during use •Externally replaceable brushes allow for quick repairs on the jobsite •Speed control knob allows user to tailor the blade speed for various applications •Integrated hang hook allows user to hang the saw without damaging front handle or casting •Includes: hex wrench and standard 44-7/8" x 1/2" x .020" blade.
Part No. D28770.
Part No. D28770K, c/w heavy duty kit box.

SPECIFICATIONS
Ft./Min.....82 - 280 ft.
Max. Capacity (Rectangular)....4¾"
Max. Capacity (Round).....4¾"
Net Weight.....15.0 lbs.

HEAVY DUTY LARGE ANGLE GRINDERS

•High power 4 HP (maximum motor HP) overload protection provides higher operating speeds under load •Epoxy coated field and armature provide long service life against abrasion from airborne debris •Keyless adjustable guard allows for guard adjustments to be made without tools •Low profile gearcase allows for work in tight areas •Automatic turn off brushes shut down the tool when brushes need to be changed to avoid tool damage

9" LARGE ANGLE GRINDERS

Includes: 9" guard, 5 position side handle
Part No. D28493N.

SPECIFICATIONS
Amps ..... 15.0 AC/DC Amps
Max Watts Out..... 3,084 W
No Load Speed..... 5,000 rpm
Use Wheels RPM Above ... 5,500 rpm
Net Weight..... 13.6 lbs.

HEAVY DUTY 7" / 9" LARGE ANGLE SANDER

•High power 4 HP (maximum motor HP) 6,000 rpm motor with overload protection provides higher operating speeds under load •Epoxy coated field and armature provide long service life against abrasion from airborne debris •Durable magnesium gearcase is easy to control •Automatic turn off brushes shut down the tool when brushes need to be changed to avoid tool damage •3 position side handle provides improved ergonomics for specific applications •Includes: 3 position side handle
Part No. D28497.

SPECIFICATIONS
Amps ..... 15.0 AC/DC Amps
Max Watts Out..... 3,084 W
No Load Speed..... 6,000 rpm
Use Wheels RPM Above ... 6,600 rpm
Net Weight..... 12.9 lbs.

HEAVY DUTY 7" / 9" LARGE ANGLE GRINDER

•High power 5.3 HP (maximum motor HP) 6,000 rpm motor with overload protection provides higher operating speeds under load •Epoxy coated field and armature provide long service life against abrasion from airborne debris •Keyless adjustable guard allows for guard adjustments to be made without tools •Rotating rear handle provides improved ergonomics in cutting and grinding applications •Automatic turn off brushes shut down the tool when brushes need to be changed to avoid tool damage •Includes: 7" and 9" guards and 5 position side handle
Part No. D28499X.

SPECIFICATIONS
Amps ..... 15.0 AC/DC Amps
Max Watts Out..... 3,950 W
No Load Speed..... 6,000 rpm
Use Wheels RPM Above ... 6,600 rpm
Net Weight..... 14.5 lbs.

HEAVY DUTY 7" LARGE ANGLE GRINDER

•15 amps, 4 HP (maximum motor HP) 8,000 rpm motor with overload protection provides higher operating speeds under load •Epoxy coated motor for abrasion protection and long life •5/8" - 11 spindle, 13.15 lbs. •Keyless guard allows for wrench free guard adjustment •5 position side handle allows for ideal ergonomic balance in surface and edge grinding applications •Includes: 7" grinding wheel, guard, flange, nut wrench and side handle
Part No. D28474C.

HEAVY DUTY HIGH PERFORMANCE 4½" - 5" GRINDER

•11,000 RPM no load speed •13.0 Amp/2.3 Max. Motor HP, DEWALT built motor designed for faster material removal and higher overload protection •Dual clutch protection prevents the gears from stripping and motor from burning up in a wheel pinch/stall increasing durability •Dust Ejection System™ increases durability •Quick Change Wheel Release provides tool free wheel removal •Complete Electronic Control™ provides multiple advanced technology features such as E-Clutch™, Power-Off™ and Power-Loss Reset™ •Vibration reducing 2-position side handle provides user comfort and reduces user felt vibration •Auto-off brushes shut the tool down when the brushes need replacing to avoid tool damage •Keyless adjustable guard •Lock-on slide switch •Includes 2-position side handle, Type 27 depressed centre wheel, Type 27 keyless adjustable guard, Type 1 cutting wheel, Type 1 keyless adjustable guard and wrench •Specifications: •13.0 Amps •1700 W / 2.3HP •5/8" - 11 spindle thread •13" tool length •4.6 lbs. tool weight
Part No. D28131.

5"/6" RAT TAIL GRINDER WITH LOCK

DURABILITY: •Dust Ejection System™ •One piece brush arm •Motor abrasion protection •Jam-pot gear case •Spiral bevel gear set •Auto-off brushes POWER / PERFORMANCE: •50% more copper than standard motors provides increased power (12 amps - 1700 MWO) and the highest overload protection of any Rat Tail. ERGONOMICS: •Rubber grip provides more control and added comfort •Two position vibration reducing side handle provides added comfort during periods of extended grinding and/or cutting. VERSATILITY: •Supplied with 5" and 6" guards to accommodate grinding wheels, wire wheels and cutting wheels •Lever action keyless guard w/ extra large steel hinges and adjustable tension screw. EASE OF USE: •Quick-Change™ wheel flange release system allows users to remove wheels with 4 times less torque than standard flanges •Side located oversized spindle lock button provides best in class comfort while increasing durability due to the side location
Part No. D28065.
Part No. D28065N, No lock.

HEAVY DUTY HIGH PERFORMANCE 6" CUT-OFF GRINDER

•9000 RPM no load speed •13.0 Amp/2.3 Max. Motor HP, DEWALT built motor designed for faster material removal and higher overload protection •Dual clutch protection prevents the gears from stripping and motor from burning up in a wheel pinch/stall increasing durability •Dust Ejection System™ increases durability •Quick Change Wheel Release provides tool free wheel removal •Complete Electronic Control™ provides multiple advanced technology features such as E-Clutch™, Power-Off™ and Power-Loss Reset™ •Vibration reducing 2-position side handle provides user comfort and reduces user felt vibration •Auto-off brushes shut the tool down when the brushes need replacing to avoid tool damage •Keyless adjustable guard •Lock-on slide switch •Includes 2-position side handle, Type 27 depressed centre wheel, Type 27 keyless adjustable guard, Type 1 cutting wheel, Type 1 keyless adjustable guard and wrench •Specifications: •13.0 Amps •1700 W / 2.3HP •5/8" - 11 spindle thread •13" tool length •4.6 lbs. tool weight
Part No. D28140.

5" HEAVY DUTY MEDIUM ANGLE GRINDER

•12 amp •120 volt AC/DC •10,000 rpm •Includes depressed centre wheel, wrench, backing flange, clamp nut, and tool-free guard
Part No. DW831.

7" HEAVY DUTY MEDIUM ANGLE GRINDER

•13 amp •120 volt AC/DC •8000 rpm •Includes depressed centre wheel, wrench, backing flange, clamp nut, and guard
Part No. DW840.

4½" - 5" HIGH PERFORMANCE GRINDER

•Jam-pot, low profile gear case provides precise gear alignment •13 amp, 2.3 max. motor HP DeWalt-built motor •E-Clutch™ shuts the grinder off during a sudden stall to protect against gear stripping, motor burn-up and reduce the risk of kickback •Dust Ejection System™ increases durability •One-piece brush arm prevents brush hang-up •Oversized, protected spindle lock button •Quick-change wheel release allows the user to remove wheels without using a wrench •Keyless adjustable guard provides tool-free guard adjustment •11,000 RPM no load speed •Spindle lock •5/8"-11 spindle thread
Part No. D28114.

HEAVY DUTY 4-1/2" SMALL ANGLE GRINDER

•7.0 amp AC/DC, 11,000 rpm motor designed for faster material removal and higher overload protection •Quick-Change™ Wheel Release provides easier and quicker wheel removal without the need for a wrench •Low profile jam-pot gear case increases durability and allows tool to fit into tight spaces •Oversized, protected spindle lock button provides easier and quicker wheel changes •2 position removable side handle provides increased comfort and control •Slim, ergonomic body design provides increased comfort in extended use applications •5/8" - 11 spindle thread accepts a wide range of 4-1/2" accessories
Part No. D28110, Slide switch.

HEAVY DUTY 4-1/2" SMALL ANGLE GRINDER

•10.0 amp AC/DC, 11,000 rpm motor designed for faster material removal and higher overload protection •Dust Ejection System™ provides durability by ejecting dust and debris particles that enter the tool •One piece brush arm prevents brush hang-up due to dust •Quick-Change™ Wheel Release provides easier and quicker wheel removal without the need for a wrench •Keyless adjustable guard •Vibration reducing removable side handle •Auto-off brushes •Oversized, protected spindle lock button provides easier and quicker wheel changes •Matching wheel flanges allow the use of common accessories
Part No. D28112, Slide switch.
Part No. D28402, Paddle switch.

7/9" HEAVY DUTY ELECTRONIC POLISHER

•8.0 amp •120 volt AC •0 - 1000/3000 rpm •Variable speed
Part No. DW849.

COMPACT JIG SAW KIT

•5.5 amp •0-3100 spm •Variable speed
•4 position orbital action •1" stroke length •Shoe bevels 0- 45° for beveled cuts •Keyless blade clamp for fast, easy blade installation and removal •Heavy duty carrying case
Part No. DW317K.

HEAVY DUTY TOP HANDLE JIG SAW KIT

•6.5 amp •500-3100 spm •Variable speed
•4 position orbital action •1" stroke length •Shoe bevels 0- 45° for beveled cuts •Keyless blade clamp for fast, easy blade installation and removal •Heavy duty carrying case
Part No. DW331K.

HEAVY DUTY 12" SINGLE-BEVEL COMPOUND MITER SAW

•15 amp motor, 4,000 rpm provides extended power and durability •Adjustable stainless steel miter detent plate with 11 positive stops delivers repeatable accuracy and worksite durability •Exclusive precise miter system and machined base fence support deliver increased cutting accuracy •Tall sliding fence supports crown molding up to 5-1/4" nested and base molding up to 6-1/2" vertically against the fence while easily sliding out of the way for bevel cuts •Bevels 0°-48° to the left and 0°-3° to the right for increased capacity •0°-50° left and right miter capacity for greater versatility •Lightweight with built in carry handle for easy portability •Cam lock miter handle with miter detent override deliver quick and accurate miter angles •4 hardened steel bevel stops at 0°, 33.9°, 45° and 48° delivers versatility at most common bevel angles •Designed for use with DW7187 DeWalt adjustable miter saw laser system which delivers visibility to the cutting path

Part No. DW715.

HEAVY DUTY 12" DUAL-BEVEL COMPOUND MITER SAW

•15.0 amp motor, 3,600 rpm motor provides extended power and durability •Adjustable stainless steel miter detent plate with 11 positive stops delivers repeatable accuracy and worksite durability •Exclusive precise miter system and machined base fence support deliver increased cutting accuracy •Tall sliding fence supports crown molding up to 6-5/8" nested and base molding up to 6-1/2" vertically against the fence while easily sliding out of the way for bevel cuts •Innovative gearbox and belt-drive design delivers increased vertical cutting capacity •Double bevel design allows saw to bevel left and right 0°-48° with positive stops at 0°, 33.9°, 45° and 48° both left and right allowing user to flip the saw not the material •Exclusive back fence design delivers ability to cut 2 x 10 dimensional lumber at 90° and 2 x 8 at 45°, 0-50° left and right miter capacity for greater versatility •Lightweight, head lock-down pin, and built in carrying handle for increased portability •Designed for use with DW7187 DeWalt adjustable miter saw laser system which delivers visibility to the cutting path

Part No. DW716.

HEAVY DUTY 12" DOUBLE-BEVEL SLIDING COMPOUND MITER SAW

•15.0 amp motor, 3,600 rpm motor provides extended power and durability •Adjustable stainless steel miter detent plate with 10 positive stops delivers repeatable accuracy and worksite durability •Exclusive precise miter system and machined base fence support deliver increased cutting accuracy •Tall sliding fence supports crown molding up to 6-5/8" nested and base molding up to 6-1/2" vertically against the fence while easily sliding out of the way for bevel cuts •Innovative gearbox and belt-drive design delivers increased vertical cutting capacity •Single lever action double bevel design allows saw to bevel left and right 0°-48° with positive stops at 0°, 22.5°, 33.9° and 45° in both directions permitting user to flip the saw not the material •Exclusive back fence design delivers ability to cut 2 x 16 dimensional lumber at 90° and 2 x12 at 45° •Miters 60° to the left and 50° to the right •Dual horizontal steel rails with innovative clamping mechanism and linear ball bearings deliver accurate, durable and compact saw •Designed for use with DW7187 DeWalt adjustable miter saw laser system which delivers visibility to the cutting path

Part No. DW718.

HEAVY DUTY ADJUSTABLE MITER SAW LASER SYSTEM

•Adjustable laser line allows user to adjust line to the left or right side of blade •On/Off switch allows laser to operate with or without blade spinning •Protected laser diode in optimum location delivers long term durability while keeping laser diode clear and visible •Bright laser line delivers enhanced visibility in low and high light locations •Upper guard mount location line visibility thoughout entire range of motion •Powered by the saw and elimates the need for batteries •Easy to install and calibrate: Installs in about 10 minutes •Designed for use on the DW715, DW716 and DW718 DeWalt 12" miter saws and will not fit any other DeWalt miter saw or any other miter saw brand

Part No. DW7187.

HEAVY DUTY 14" CHOP SAW

•15.0 amp/4.0 HP (max motor HP) motor provides overload protection, increasing performance and durability •Ergonomically designed horizontal "D" handle provides a more comfortable hand position reducing fatigue and increasing productivity •Quick lock vise allows for fast clamping on different size materials to increase productivity •45° pivoting fence allows for fast and accurate angle cuts •Steel base allows users to weld jigs or stops directly onto the base •Spindle lock allows user to make wheel changes quickly and easily •Integrated top handle allows the saw to be carried around easily •Heavy duty lock down pin •Adjustable spark guard •On board wheel change wrench •Compression spring provides smoother movement and increased durability

Part No. D28700.

14" HEAVY DUTY CHOP SAW

•15.0 amp •5.5 hp •120 volt AC/DC •4000 rpm •Includes 14" abrasive wheel and wrench •Quick Lock vise •Quick Change keyless blade change system

Part No. D28715.

10" JOB SITE TABLE SAW

Features: •15 Amp, 2600 MWO motor delivers the power and torque for hardwoods and stacked cuts •Electronic module maintains blade speed/torque in tough applications •Soft Start eliminates "bark" and jump at start-up •At 58 lbs. it is the lightest job site saw in it's class •Panel perforations improve air flow to the motor for better cooling during difficult applications •13/16" Dado capability for use as primary shop saw •Telescoping Fence provides 24" of right rip capacity for 4' x 8' sheet goods •Rack and Pinion rails maintain accuracy of cut within 1/64" and lock front and back

Part No. DW744X.

Part No. DW744XRS, Job site table with stand.

10" COMPACT JOB SITE TABLE SAW

Features: •15 Amp motor quickly rips through hardwoods with ease •Rack and Pinion fence design delivers consistent fence to blade parallelism •Telescoping fence rails retract to create a small, portable package •16" of rip easily cuts a variety of larger shelving and trim materials •Metal roll cage base offers greater durability than plastic bases •Blade can be adjusted 0 - 45 degrees for bevel applications •Table coating reduces friction for smoother cutting •Includes miter gauge, push stick, 10" 24T carbide blade and blade guard.

Part No. DW745.

Part No. DW7450, Table saw stand.

1/2" DUAL SPEED RANGE HAMMERDRILL KIT

•8.2 amp •0 - 1050/0 - 2400 rpm •Variable speed •Includes multi-position side handle, depth rod, and heavy duty carrying case

Part No. DW520K.

1½" HEAVY DUTY DIE GRINDER

•3.0 amp •120 volt AC/DC •25,000 rpm •Includes 2 wrenches

Part No. DW887.

18 GAUGE HEAVY DUTY SWIVEL HEAD SHEAR

•5.0 amp •120 volt AC •Variable speed •Head swivels 360° •Cuts 7/32" strip

Part No. DW890.

HEAVY DUTY MITER SAW STAND

•Universal design works with all brands of miter saws •Lightweight aluminum construction (35 lbs.) allows for easy transport to and from the jobsite •5-1/2 ft. beam extends to support up to 16 ft. of material and up to 400 lbs. •Legs provide superior support and fold for easy storage •Work stops/supports can be repositioned quickly anywhere along the rail •Non marring feet on tool mount will not scratch material •Includes: 2 convertible work supports/stops

Part No. DW723.

CORDLESS HEAVY DUTY WORK SITE RADIO/ CHARGER

• 1 hour charger for 7.2V to 18V DeWalt battery packs (except Univolt) •Heavy duty AM/FM radio with auxiliary port allows user to listen to the radio or CD (when plugged into auxiliary port) •Powered by 9.6 volt to 18 volt DeWalt batteries •Battery sold separately

Part No. DC011.

Part No. DW756.
SPECIFICATIONS
Amps 4.0AC
Horsepower ..... 5/8 HP
No Load Speed..... 3450 RPM
Wheel Diameter..... 6”
Spindle Diameter..... 1/2”
Tool Length..... 15”

Part No. DW758.
SPECIFICATIONS
Amps 4.2AC
Horsepower ..... 3/4 HP
No Load Speed..... 3600 RPM
Wheel Diameter..... 8”
Spindle Diameter..... 5/8”
Tool Length..... 16”

BENCH GRINDERS

•Rugged cast iron base and motor housing provide durability and prolonged life •Precision machined aluminum tool rests allow the user to accurately position work •Rear exhaust ports in wheel guards for a smoother operation •12½” distance between wheels for larger and longer grinding applications •Includes 36 and 60 grit wheels, eye shields, spark deflectors, tool rests, and adjusting wrench

DEWALT

HEAVY DUTY 2900 WATT GAS GENERATOR

•Honda 5.5 HP, OHV GX engine provides worksite reliability •Maintenance free, brush-less alternator for increased durability •High amp surge capacity ideal for starting high amp tools •Super quiet muffler reduces engine noise •Low oil shut-off protects engine
Part No. DG2900.

SPECIFICATIONS
Max. AC Output ..... 2900 watts
Rated AC Output ..... 2400 watts
Max. Current (120V/240V)..... 24.2/NA amps
Alternator Type ..... Brushless
Rated Current (120V/240V)..... 20/NA amps
Fuel Tank Capacity ..... 3 gallons
120 V GFCI Receptacles (20 amp) 2
120 V GFCI Twist Locking Receptacle (20 amp)..... 1
Decibel, idle up (calculated 7 yards from unit)... 72 dBA
Run-Time (@ 50% maximum output)..... 11.3 hrs
Tool Length..... 22.4”
Tool Width..... 19.1”
Tool Height..... 18.9”
Dry Weight..... 99 lbs.
Shipping Weight ..... 104 lbs.
Starting System ..... Recoil

4400 WATT COMMERCIAL GENERATOR w/ 18V BATTERY START

•18 volt battery start — battery and charger come with the generator •270cc (9 hp) OHV engine provides worksite reliability •20% more starting watts than generators in its class •Proper 120V and 240V outlets for jobsite applications •Worksite tested frame with panel protection bars for increased durability •Super quiet muffler reduces engine noise •Idle control saves fuel and reduces noise •Low oil shut-off protects engine
Part No. DG4400B.

SPECIFICATIONS
Max. AC Output ..... 4400 watts
Rated AC Output ..... 4180 watts
Max. Current (120V/240V)..... 38/20 amps
Alternator Type ..... Brushless
Rated Current (120V/240V)..... 32/16 amps
Fuel Tank Capacity ..... 4.8 gallons
Engine Type..... DeWalt 270cc (9 hp)
120 V GFCI Receptacles (20 amp) 4
120 V GFCI Twist Locking Receptacle (20 amp)..... 1
120V/240V Twist Locking Receptacle (20 amp)..... 1
Decibel, idle up (calculated 7 yards from unit)... 72 dBA
Run-Time (@ 50% maximum output)..... 8 hrs
Tool Length..... 24”
Tool Width..... 19”
Tool Height..... 21”
Dry Weight..... 118 lbs.
Shipping Weight ..... 118 lbs.
Starting System ..... Battery Start/Recoil

6300 WATT COMMERCIAL GENERATOR w/ 18V BATTERY START

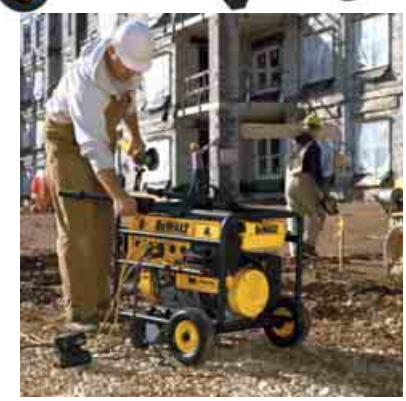
•18 volt battery start — battery and charger come with the generator •389cc (13 hp) OHV engine provides worksite reliability •20% more starting watts than generators in its class •Proper 120V and 240V outlets for jobsite applications •Worksite tested frame with panel protection bars for increased durability •Super quiet muffler reduces engine noise •Idle control saves fuel and reduces noise •Low oil shut-off protects engine
Part No. DG6300B.

SPECIFICATIONS
Max. AC Output ..... 6300 watts
Rated AC Output ..... 5950 watts
Max. Current (120V/240V)..... 55/29 amps
Alternator Type ..... Brushless
Rated Current (120V/240V)..... 49.6/24.8 amps
Fuel Tank Capacity ..... 4.8 gallons
Engine Type..... DeWalt 389cc (13 hp)
120 V GFCI Receptacles (20 amp) 4
120V Twist Locking Receptacle (30 amp) 2
120V/240V Twist Locking Receptacle (30 amp)..... 1
Decibel, idle up (calculated 7 yards from unit)... 72 dBA
Run-Time (@ 50% maximum output)..... 8 hrs
Tool Length..... 28”
Tool Width..... 22”
Tool Height..... 22”
Dry Weight..... 246 lbs.
Shipping Weight ..... 246 lbs.
Starting System ..... Battery Start/Recoil

7000 WATT COMMERCIAL GENERATOR w/ 18V BATTERY START

•18 volt battery start — battery and charger come with the generator •389cc (13 hp) OHV engine provides worksite reliability •20% more starting watts than generators in its class •Proper 120V and 240V outlets for jobsite applications •Worksite tested frame with panel protection bars for increased durability •Super quiet muffler reduces engine noise •Idle control saves fuel and reduces noise •Low oil shut-off protects engine
Part No. DG7000B.

SPECIFICATIONS
Max. AC Output ..... 7000 watts
Rated AC Output ..... 6550 watts
Max. Current (120V/240V)..... 60/30 amps
Alternator Type ..... Brushless
Rated Current (120V/240V)..... 55/27 amps
Fuel Tank Capacity ..... 4.8 gallons
Engine Type..... DeWalt 389cc (13 hp)
120 V GFCI Receptacles (20 amp) 4
120V Twist Locking Receptacle (30 amp) 2
120V/240V Twist Locking Receptacle (30 amp)..... 1
Decibel, idle up (calculated 7 yards from unit)... 72 dBA
Run-Time (@ 50% maximum output)..... 8 hrs
Tool Length..... 28”
Tool Width..... 22”
Tool Height..... 22”
Dry Weight..... 246 lbs.
Shipping Weight ..... 246 lbs.
Starting System ..... Battery Start/Recoil



JIG SAW BLADES

•All jigsaw blades are cobalt steel u-shank blades
Part No. DW3700-5, Pack of 5, 4", 6 TPI, fast rough wood cut.
Part No. DW3701-5, Pack of 5, 4", 6 TPI, fast wood cut.
Part No. DW3703-5, Pack of 5, 4", 6 TPI, clean wood cut.
Part No. DW3705-5, Pack of 5, 4", 8 TPI, aluminum/fibreglass.
Part No. DW3710-5, Pack of 5, 4", 10 TPI, fine wood finish.
Part No. DW3712-5, Pack of 5, 4", 10 TPI, laminate down cutting.
Part No. DW3715-5, Pack of 5, 3", 12 TPI, trim/coping, wood cut.
Part No. DW3720-5, Pack of 5, 3", 14 TPI, thick metal cut.
Part No. DW3724-5, Pack of 5, 3", 18 TPI, medium metal cut.
Part No. DW3726-5, Pack of 5, 3", 24 TPI, thin metal cut.
Part No. DW3728-5, Pack of 5, 3", 36 TPI, sheet metal cut.
Part No. DW3790, 8 piece assorted blade package, contains #DW3700, DW3703, DW3705, DW3710, DW3712, DW3715, DW3720, and DW3726.

BI-METAL RECIPROCATING SAW BLADES

•1/2" universal shank •Sold individually, 100 blades in a bulk box
Wood Cutting:
Part No. DW4802B, 6", 6 TPI, taper back.
Part No. DW4803B, 9", 6 TPI, taper back.
Part No. DW4804B, 12", 6 TPI, taper back.
Part No. DW4806B, 6", 10 TPI, straight back.

Metal Cutting:
Part No. DW4807B, 4", 14 TPI, straight back.
Part No. DW4808B, 6", 14 TPI, straight back.
Part No. DW4809B, 8", 14 TPI, straight back.
Part No. DW4811B, 6", 18 TPI, straight back.
Part No. DW4813B, 6", 24 TPI, straight back.

DEMOLITION RECIPROCATING SAW BLADES

•Demotition blades are thicker than standard blades thereby preventing breakage •Reinforced teeth for increased durability
Part No. DW4860, Pack of 5, 12", 6 TPI, bi-metal.
Part No. DW4862, Pack of 5, 6", 6 TPI, bi-metal.
Part No. DW4864, Pack of 5, 6", 10 TPI, bi-metal.
Part No. DW4863, Pack of 5, 9", 6 TPI, bi-metal.
Part No. DW4865, Pack of 5, 9", 10 TPI, bi-metal.

CIRCULAR SAW BLADES

Part No. DW3571, 7¼", 16 tooth mid-range thin kerf blade.
Part No. DW3578, 7¼", 24 tooth nail eater thin kerf blade.
Part No. DW3591, 7¼", 18 tooth Rock Carbide™ blade.
Part No. DW3582, 8¼", 24 tooth mid-range thin kerf blade.
Part No. DW3114, 10", 40 tooth table saw thin kerf blade.

PORTABLE BAND SAW BLADES - 3 PACK

•Matrix II high speed steel edge for heat and wear resistance •8% cobalt content for added durability and wear •Rc 65-67 tooth hardness for increased wear resistance •Alloy steel backer for fatigue resistance •Length: 44-7/8" •Height: 1/2" •Thickness: .020"
Part No. DW3981, 10 TPI.
Part No. DW3982, 14 TPI.
Part No. DW3983, 18 TPI.
Part No. DW3984, 24 TPI.
Part No. DW3985, 10/14 TPI.
Part No. DW3986, 14/18 TPI.

DRILL ACCESSORIES

Part No. DW2301, 1/4" or 3/8" chuck key, 15/64" pilot
Part No. DW2303, 1/4" or 3/8" chuck key, 1/4" pilot
Part No. DW2304, 1/2" chuck key, 1/4" pilot

DW2301

GRINDER ACCESSORIES

Part No. DW4706, 4½" backing flange.
Part No. DW4900, 5/8"-11 arbor adapter for M10 x 1.25 spindles.
Part No. DW4939, 4½" backing pad only.
Part No. DW4945, 4½" rubber backing pad w/ 5/8"-11 locking nut.

DW4706

DW4900

DW4939

BALDOR

NEW!!

BALDOR Industrial Grinders

BIG RED INDUSTRIAL GRINDER/BUFFERS & ACCESSORIES

•Built for heavy duty grinding •Slim design provides extra clearance for grinding odd shaped pieces •Adjustable stamp-steel tool-rest, spark-breaks and eye-shields •Grinder/Buffer supplied with coarse (36) grit aluminum oxide grinding wheel and wire wheel brush (.014) •Base mount on/off switch and rubber feet to minimize vibration •Includes 8 ft. 3 conductor power cord.

PART NO.	HP	Voltage	Phase	Hz	Motor Type	Arbor Hole	RPM	Wheel Width x Dia.	Other Information
662R	1/3	115	1	60	split phase	½"	3600	3/4" x 6"	Non-exhaust type wheel guards
762R	1/2	115/230	1	60	PSC	5/8"	3600	1" x 7"	Non-exhaust type wheel guards
762RE	1/2	115/230	1	60	PSC	5/8"	3600	1" x 7"	Exhaust type wheel guards
862RE	3/4	115/230	1	60	single	¾"	3600	1" x 8"	Cast iron exhaust type wheel guards accommodate a 3" diameter vent

Also available:

Part No. GA14R, Cabinet style pedestal, red.
Part No. GA16RE, Light industrial tube style pedestal, red.
Part No. GA16R, Industrial tube style pedestal, red.
Part No. GA9SR, Pair of lighted eyeshields with on/off switch, red.

INDUSTRIAL GRINDERS & ACCESSORIES

•Built for heavy duty grinding •Slim design provides extra clearance for grinding odd shaped pieces •Adjustable cast iron tool-rest, stamp steel spark-breaks and eye-shields •Grinder supplied with one coarse (36) grit and one medium (60) grit aluminum-oxide grinding wheel •Base mount on/off switch and rubber feet to minimize vibration.

PART NO.	Hp	Voltage	Hz	Motor Type	Arbor Hole	RPM	Wheel Width x Dia.	Other Information
8102W	3/4	208-230/460	50/60	3-phase	¾"	1500/1800	1" x 8"	Cast iron exhaust type wheel guards accommodate a 3" diameter vent
1021W	1½	208-230/460	50/60	3-phase	7/8"	1500/1800	1" x 10"	Cast iron exhaust type wheel guards accommodate a 4" diameter vent

Also available:

Part No. GA16, Cast iron tube style pedestal, grey.
Part No. GA9-1, Lighted eyeshield, grey.
Part No. GA10, Pair of 6" x 4" eyeshields, fits Baldor 6" grinders and #762R.
Part No. GA11, Pair of 5" x 4" eyeshields, fits Baldor grinders 7" through 14".

REPLACEMENT SWITCHES

Part No. SP9017SP, On-off switch for single phase 6" grinders.
Part No. SP9000SP, On-off switch for single phase 7" grinders.
Part No. SP9004, On-off switch for three phase 7" grinders.

Industrial Portable Generators

POWERCHIEF® INDUSTRIAL PORTABLE GENERATORS

•Powerchief generators with Switchless Full Pow'R do not need a power switch, they are always full power •Plug in 120v or 240v in any combination •No need to change voltage settings •No need to worry about which cord is plugged in •Reduces the chance for generator damage

	PART NO. PC30H	PART NO. PC40H	PART NO. PC50H	PART NO. PC60H	PART NO. PC60HE
FEATURES					
Switchless Full Pow'R	—	STD	STD	STD	STD
AC Circuit Breakers	STD	STD	STD	STD	STD
Low Oil Shutdown	STD	STD	STD	STD	STD
Spark Arrestor Muffler	STD	STD	STD	STD	STD
Extended Run Fuel Tank	—	STD	STD	STD	STD
Tubular Roll Cage	STD	STD	STD	STD	STD
Neoprene Isolators	STD	STD	STD	STD	STD
Focal Vibration System	—	STD	STD	STD	STD
ENGINE MODEL	***Honda***	***Honda***	***Honda***	***Honda***	***Honda***
Horsepower	5.5	8	9	11	11
Cylinder	1	1	1	1	1
Displacement-CC	163	242	270	337	337
Starting Systems	Recoil	Recoil	Recoil	Recoil	12 Volt with Recoil
RATING					
Max Rating	3000W	4000W	5000W	6000W	6000W
Rated	2500W	3500W	4000W	5000W	5000W
Volts	120 VAC	120/240VAC	120/240VAC	120/240VAC	120/240VAC
Amps	20.8	29.2/14.6	33.3/16.7	41.6/20.8	41.6/20.8
dBA (Avg) @ 7 meters	70	73	73	72	72
RECEPTACLES					
Straight (515R) 120V, 15A, Single	1	—	—	—	—
Straight (515R) 120V, 15A, Duplex	1	—	—	—	—
Straight (520R GFCI) 120V, 20A, Duplex	—	1	1	1	1
Twist Lock (L530R) 120V, 30A	—	1	1	1	1
Twist Lock (L1430R) 120/240V, 30A	—	1	1	1	1
FUEL SYSTEM					
Fuel Capacity (U.S. Gallons)	3.8 qt	4.6 gal	4.6 gal	4.6 gal	4.6 gal
Operational Run Time/Full Load	1.5 hr	4 hr	6 hr	4 hr	4 hr
Operational Run Time/Half Load	2.3 hr	7 hr	10 hr	7 hr	7 hr
DIMENSIONS					
Length	22"	28"	28"	28"	28"
Width	15.75"	20.5"	20.5"	20.5"	20.5"
Height	16.5"	22.25"	22.25"	22.25"	22.25"
Weight (Net Dry)	94 lbs	162 lbs	162 lbs	187 lbs	193 lbs

BALDOR

Power Pipe/Tube Cutting

POWER PIPE CUTTER

•Power Pipe Cutter cuts 2½" to 8" schedule 10/40 steel pipe, galvanized pipe, rigid conduit etc. at the job site or in the shop. Powered by the Ridgid #41935 Power Drive (not included). •Features: •Square cut 21ft. or nipple lengths of pipe without effort •Easily cuts by displacing instead of removing pipe material •No abrasive dust, dangerous sparks, or open flame •Quickly cuts steel pipe with minimal burr •Great for cutting pipe for groove joining •Operator controls the feeding rate by pumping the hydraulic foot pump throughout the operation •Power drive RPM : 33 (no load). •Standard Equipment: (1) square drive adapter #42620, (1) 8½" HD cutter wheel assembly #66687, (1) hydraulic ram and foot pump, (2) 2½" to 12" ball transfer pipe supports.
Part No. 50767.

Accessories

Part No. 50812, 8½" heavy duty cutter wheel.
Part No. 58222, 8½" thin wall cutter wheel.

COPPER CUTTING PREP MACHINE

•Designed to cut, clean, ream (reams up to 2" in dia.), and debur ½" to 4" copper tubing and fittings quickly and professionally. Weighing only 50 pounds, it is ideal for transport directly to the job site. Rugged cast aluminum housing •Features: •115V powerful 1/3 HP induction motor drives rollers at 450 RPM •Rugged O.D. cleaning brush cleans tubing quickly with minimal effort •Core reamer easily removes turbulence causing burrs •Cutting handle adjusts to accommodate different tubing sizes •Cutter wheel tested to over 10,000 cuts •Guide rollers ensure a straight cut with no tracking •Large carrying handle •Built in ½" incremental scale for quick, easy measuring •Reamer: Single flute cone, RH, ½" to 2" •CSA approved •Approved to UL Standards (NRTLC) •Standard Equipment: (1) O.D. cleaning brush #94682, (1) core reamer, (1) fitting brush kit (#93707) includes six brushes*, storage rack and collet #93747.
Part No. 93492, Cutting/Prep Machine.

Accessories

Part No. 33175, Cutter wheel for copper.
Part No. 33551, Cutter wheel for copper and stainless steel.

*Brush numbers/sizes included in the kit are as follows:
Part No. 93717, ½".
Part No. 93722, ¾".
Part No. 93727, 1".
Part No. 93732, 1¼".
Part No. 93737, 1½".
Part No. 93742, 2".

Power Threaders

Model 600 HAND HELD POWER THREADER

•A hand held, powerful, portable power drive •Features a reversible 115V universal motor •Capacity 1/8" - 1¼" pipe (designed for Ridgid 11R die heads) •Ideal for on-site applications such as gas line pipe installation •CSA approved •Approved to UL standards (NRTLC) •½ HP universal 115V, 50-60 Hz •Heavy duty paddle type switch with safety lock off switch; separate forward/reverse switch •Aluminum gear housing •Durable heavy duty fibreglass reinforced plastic body and handle •32 RPM no load spindle speed •20" long •Standard Equipment: •Type 11R die heads, ½" (#37040), ¾" (#37045), 1" (#37050), 1¼" (#37055) •With case #20826 and support arm #34497
Part No. 36912.

Model 690 HAND HELD POWER THREADER

A new lightweight and powerful hand held power drive. The 690 is designed for threading 1/8" - 2" pipe with the use of 11R die heads, 25 - 60 NPT. It comes equipped with a full set of 11R die heads (½" #37040, ¾" #37045, 1" #37050, 1½" #20923, 2" #20943), support arm #43292, and a durable carrying case and die head adapter. This is the perfect lightweight and portable power drive for maintenance and repair workers, as well as service plumbers requiring 2" pipe capacity. •Capacity: 1/8" - 2" pipe •24" long •Universal 1020 watt 115 volt, 50-60 Hz •Heavy duty paddle switch with safety lock-off device (automatically locks off when released); separate forward/reverse switch •Spur gear reduction/face gear drive (all shafts, ball and needle bearing mounted, permanently lubricated die cast aluminum gear housing) •Durable, heavy duty, fibreglass reinforced industrial plastic body and handle •32 RPM spindle speed
Part No. 16013.

Model 700 HAND HELD POWER THREADER

•Heavy duty hand held power drive •Features reversible 115V universal motor •Capacity 1/8" - 2" pipe; ¼" - 1" bolt (using OO-RB die heads) •Designed for Ridgid No. 12R die heads •CSA approved •Approved to UL standards (NRTLC) •Universal motor ½ HP, 115 V, 25-60 Hz •All spur gear reduction gear head •Spring loaded adapter pawl •Hardened steel spindle gear •Cast aluminum body •32 RPM no load spindle speed •28¼" long
Part No. 41935.
Also available:
Part No. 42620, Square drive adapter - 15/16".
Part No. 42625, Support arm.

RIDGID®

100% Canadian.

Model 300 POWER THREADING MACHINE

•Ridgid speed chuck with replaceable rocker action jaws •Reversible ½ HP universal motor •Capacity: 1/8" - 2" pipe, 2¼" - 4" with 141, and 4" - 6" with 161 geared threaders; ¼" - 2" rod •Recessed on/off/reverse switch •CSA approved •Approved to UL standards (NRTLC) •½ HP universal motor, single phase, 25-60 Hz, 115V •Heavy duty FOR/OFF/REV and integral foot switch •38 RPM spindle speed •Rear centrering device: cam action turns with chuck •Includes 2 heavy duty support bars •Available as a complete portable threading machine unit or as the machine only

Part No. 15682, Complete unit, includes die heads and dies, cutters, reamers, carriage with lever, stand, clip-on tool tray, oiler, nipple chuck.

Part No. 41855, 300 machine only.

Also available:

Part No. 68815, Carriage with No. 312 lever.
Part No. 42385, Carriage feed lever.
Part No. 10883, Oiler with 1 gallon of Nu-Clear Thread Cutting Oil.
Part No. 42365, Reamer for #68815 Carriage with lever.
Part No. 42370, Cutter for #68815 Carriage.
Part No. 97065, Universal Q.O. die head only, right hand only.
Part No. 97075, Self-opening die head only, right hand only.
Part No. 51005, Nipple chuck complete, ½" - 2".

Model 535 THREADING MACHINE

The Model 535 maintains the ruggedness of the industry workhorse while adding the features that makes the threading operation more productive. A large chip tray and oil reservoir make the 535 ideal for longer uninterrupted threading. Features a high clearance carriage making the threading operation easier and a generous top cover area that is ideal for keeping tools and work related materials handy. This unit is designed around maximum uptime with the upgrades that matter most to the pipe working professional. Users also benefit from the part commonality between the 535, 535A Automatic and other Ridgid equipment.
•Capacities: pipe - 1/8" - 2" , 2½" - 4", 4" - 6" with #36620 and #36630 geared threaders; bolt - ¼" - 2" •Speed chuck with rocker-action jaws centres and grips work piece instantly •Length gauge for quick, accurate cut-off •CSA approved •Approved to UL standards (NRTLC) •½ HP, single phase, 115V, 25-60 Hz, 15 amp reversible universal motor •FOR/OFF/REV and integral safety foot switch •Rear centrering device: cam action, turns with chuck •With self centrering, full floating standard wheel type cutter •36 RPM no load spindle speed •With 5 flute cone RH reamer •Self-priming gerotor oil pump •Standard Equipment (1) universal quick opening die head #97065, (1) reamer #42365, (1) cutter #42390, (1) set ½" - ¾" universal alloy dies #47745, (1) set 1" - 2" universal alloy dies #47750, (1) gallon premium oil, (4) hex wrenches, (1) spare cutter wheel #44185
Part No. 93287.

Also available:

Part No. 84537, 1/8" - ¾" semi-automatic die head.
Part No. 84532, 1" - 2" semi-automatic die head.

Model 1215 THREADING MACHINE

•Compact, lightweight design •One piece aluminum housing •Two easy-to-use carrying handles •Integral foot switch hanger •Powerful motor and transmission •Through die head oiling •Adjustable oil flow control •CSA approved •Approved to UL standards (NRTLC) •Capacities: ¼" - 1½" pipe; 5/16" - 1" bolt •½ HP universal motor, 25-60 Hz •ON/OFF heavy duty switch and integral foot switch •44 RPM spindle speed (right hand operation) •Hammer type front chuck with replaceable rocker action jaw inserts •Rear centrering device: cam action •Self-priming constant flow, gerotor type pump •Standard Equipment - (1) quick opening die head #97065, (1) set ½" - ¾" universal alloy NPT dies #47745, (1) set 1" - 1½" universal alloy NPT dies, (1) five fluted reamer ¼" - 1½" #34612, (1) cutter with cutter wheel, (1) gallon Nu-Clear oil
Part No. 61142.

Accessories

Part No. 84537, 1/8" - ¾" semi-automatic die head.
Part No. 84532, 1" - 2" semi-automatic die head.

RIDGID®

Model 300 COMPACT THREADING MACHINE

•Heavy duty proven performance •Lightweight, portable design •Fast transport and set-up •Self-contained oil system with adjustable flow control •Versatility for threading and grooving •Quiet operation •CSA approved •Approved to UL standards (NRTLC) •Capacity: 1/8" - 2" pipe; ¼" - 2" bolt •½ HP, 115V universal motor, 25-60 Hz •Heavy duty rotary FOR/OFF/REV with integral foot switch •38 RPM spindle speed •Hammer type chuck with replaceable, rocker-action jaw inserts •Through-the-head oiling system with integral oil reservoir •Self-priming, constant flow, gerotor pump •Standard Equipment - (1) quick opening die head #97065, (1) reamer #34612, (1) cutter #42370 with cutter wheel #44185, (1) set ½" - ¾" alloy universal dies #47745, (1) set 1" - 2" alloy universal dies #47750, (1) gallon Nu-Clear threading cutting oil
Part No. 67182.
Also available:
Part No. 51005, Nipple chuck, ½" - 2" NPT.
Part No. 97075, 1/8" - 2" NPT, self-opening, RH die head.
Part No. 84537, 1/8" - ¾" semi-automatic die head.
Part No. 84532, 1" - 2" semi-automatic die head.
Part No. 22638, Model 1452 clip-on tool tray.

22638

Model 1224 THREADING MACHINE

•Threads ¼" - 2" pipe at 36 RPM and 2½" - 4" at 12 RPM •Threads a wide range of pipe including black, galvanized and plastic coated pipe, together with stainless steel, IMC and heavy wall conduit, as well as rod up to 30 Rockwell C •An induction motor insures sound levels well within the limits set by the regulating authorities •A special capacitor-start/capacitor-run motor allows the 1224 to thread a full range of material where voltage drop is experienced •¼" - 2" universal die head; 2½" - 4" receding die head allows cutting of tapered or straight NPT/NPSM or BSPT/BSPP threads •Constant and proper lubrication of dies and workpiece with through-head oiling •CSA approved •Approved to UL standards (NRTLC) •Capacity: ¼" - 4" pipe, 4" - 6" with #36630 geared threader; ¼" - 2" bolt •120V, 1½ HP, single phase, 60 Hz induction type motor •REV/OFF/FOR, heavy duty rotary type and integral foot switch •36/12 RPM spindle speed •Two speed gear box 3:1 ratio •Hammer type chuck with replaceable rocker-action jaw inserts •Cam action rear centrering device •Through die head oiling •Self-priming, gerotor type, automatic reversing, constant flow pump •Standard Equipment - (1) 2½" - 4" receding self-opening die head #26152, (1) ¼" - 2" universal self-opening die head #26132, (1) set ½" - ¾" universal alloy dies #47745, (1) set 1" - 2" universal alloy dies #47750, (1) set 2½" - 4" 1224 high speed dies, (1) gallon Nu-Clear oil, (3) hex keys, (1) spare cutter wheel #33125, (1) ¾" combination wrench, (1) tool box, (1) reamer #26217, (1) cutter #26212
Part No. 26092.
Also available:
Part No. 33072, 45° bevelling dies, 2½" - 4" capacity.
Part No. 33077, 37½° bevelling dies, 2½" - 4" capacity.
Part No. 44997, 37½° bevel bit only.
Part No. 45002, 45° bevel bit only.
Part No. 51005, Nipple chuck, ½" - 2" NPT.
Part No. 92462, Model 150A stand.

(Model 150A Stand not included)

Threader Accessories

Pipe Dies for Machine Die Heads

DIE MATERIAL OR TYPE	NPT - NOMINAL PIPE SIZE-THREADS PER INCH			
	1/8"-27	¼"-3/8"-18	½"-¾"-14	1"-2"-11½
Alloy RH	47735	47740	47745	47750
High Speed RH	47755	47760	47765	47770
H.S. for Stainless Steel RH	-	-	47785	47790

Bevelling Dies

For bevelling pipe prior to welding. A set of bevelling dies consists of three guide segments and one cutting segment.
Part No. 52192, 37½° bevel die set, ½-¾" pipe, universal.
Part No. 50960, 37½° bevel die set, 1-2" pipe, universal.

Accessories:

Part No. 22638, Clip-on tool tray

RIDGID

Model 915 MANUAL ROLL GROOVER

The new Ridgid 915 Roll Groover is a manual roll groover for in-place field applications. Requires only 3½" of clearance to travel around a pipe and a minimum of 2¾" of exposed pipe for grooving. With the appropriate roll sets, the 915 can groove from 1¼" to 12" pipe, the widest range in its class! The 915's cast-in handle allows for easy transport or chaining the groover down to prevent theft. The 915 is a must for service work crews. •Lightweight design — only 23 lbs. •Easy roll set change out — up to 12" wide capacity range in one unit for service versatility •Included ratchet — 90° bend-in handle makes grooving easier •Available customized tool box — holds 915 groover and all available roll sets •Easy to use depth setting gauge — helps make accurate grooves Capacity: •1¼" - 12" Sch. 10 steel and stainless steel pipe •1¼" - 6" Sch. 40 steel and stainless steel pipe •2"-8" K, L, M, DWV copper •1¼" - 6" Sch. 40 PVC •1½", 2½" - 3" Sch. 80 PVC •Operation: Feed screw with ½" ratchet wrench (included) Standard Equipment: •915 roll groover with 2" - 6" Sch. 10 (2" - 3½" Sch. 40) •Roll set ratchet wrench
Part No. 88232.

Drive & Groove Roll Sets:

Part No. 92437, For 1¼" - 1½" Sch. 10 or 40 steel, stainless steel, PVC.
Part No. 92447, For 4" - 6" Sch. 40 steel, stainless steel, PVC.
Part No. 92442, For 8" - 12" Sch. 10 steel, stainless steel, PVC.
Part No. 92452, For 2" - 8" copper tube type K, L, M, and DWV.
Part No. 93642, For 2" - 6" Sch. 10 steel, stainless steel, PVC, 2" - 3¼" Sch. 40 steel.

Accessories:

Part No. 93497, Customized tool box.

Model 960 RATCHET DRIVEN ROLL GROOVER

The Ridgid 960 Roll Groover is a ratchet driven, portable roll groover for field applications. With a cast in carrying handle, the 960 roll groover is easier to move around the jobsite than any other roll groover of its kind. Mounts on the Ridgid 300 Power Drive for convenient grooving of steel and copper pipe. Can be actuated by either a ½" drive ratchet or any wrench that fits the 15/16" hex on the feed screw •Ability to groove 6" schedule 10 and 40 steel pipe with 17% less torque than the competition •Grooving capacity of 1" to 6" schedule 10 and 40 steel pipe, 2" - 6" copper tube type K, L, M, and DWV •Convenient carrying handle •Permanently affixed depth setting gauge that will not fall off or get tangled during operation •Heat treated feed screw bushing for added durability •Quick change-out rollset design allows easy transformation to roll groove 1" steel or 2" - 6" copper tubing •Feed screw can be actuated by using either the standard 15" long ratchet or any 15/16" hex Capacity: •Pipe: 1" to 6" schedule 10 and 40 steel pipe 2" - 6" O.D. •Copper Tube: (Type K, L, M, and DWV), 1" schedule 10 and 40 •Depth adjustment with adjusting screw with patent pending integral depth setting gauge •Actuation: feed screw with ½" ratchet wrench or 15/16" (included) hex wrench •Power drive mounting: Ridgid 300 power drive 38/57 RPM Standard Equipment: •15" long ratchet ½" drive •Roll set to groove 1¼" - 6" schedule 10 or schedule 40 steel pipe
Part No. 91207.

Roll Sets:

Part No. 90842, For 1" Sch. 10 and 40 steel pipe.
Part No. 90837, For 2" - 6" copper tube type K, L, M, and DWV.

Model 916 POWER DRIVEN ROLL GROOVER

The Ridgid 916 Roll Groover is the most durable and efficient lightweight portable unit available. Built with a solid, durable cast-iron housing, it withstands heavy usage, yet is light enough for easy transportation. Features a patented single stroke feed mechanism that allows for accurate operation quickly and effortlessly. •Specifically designed for field service roll grooving applications •Quick and easy mount to Ridgid nos. 300 Power Drive, 535 or 1822 Threading Machines •Cam-type feed actuation — translates into minimum operator effort to form roll grooves •Durable cast-iron housing withstands extensive field use •Depth adjustment screw separate from feed mechanism allows for consistent groove depth •Lightweight (only 33 lbs.) •Integral feed handle is part of overall unit; no extra tools required •Easy serviceability — drive and groove rolls are easy to change Capacity: •1¼" - 6" Sch. 10 steel, stainless steel, PVC •1¼" - 3" Sch. 40 steel, stainless steel, PVC Standard Equipment: •One (1) 1¼" - 6" roll groove set for steel (1¼" - 6" schedule 10, 1¼" - 3" schedule 40)
Part No. 45007.

Roll Sets:

Part No. 45347, For 1" Sch. 10, 40.
Part No. 45352, For Copper.
Part No. 69667, For 1¼" - 1½" AWWA.
Part No. 69692, For 2" - 6" AWWA.

shown with #41855 Power Drive

Model 918 HYDRAULIC ROLL GROOVER

The Model 918 Hydraulic Roll Groover features a powerful 15-ton hydraulic ram in a compact, easy to transport unit. With one man set-up and operation, the 918 is the ideal groover for job site requirements. Mounts quickly to Ridgid 300 Power Drive, 535, 1822, or 1224 Threading Machines. Designed to provide maximum efficiency, the 918 is capable of grooving up to 12" Schedule 10 and 8" Schedule 40 standard wall pipes. Roll set changeout is accomplished in seconds. Capacity: •1" - 12" Schedule 10 steel, stainless steel, PVC •1"- 8" Schedule 40 steel, PVC •1" - 2" Schedule 40 stainless steel •2" - 6" copper (types K, L, M, DWV) •2½" - 6" Schedule 80 PVC Standard Equipment: •One (1) 2" - 6" Schedule 10/40 roll set •One (1) 8" - 12" Schedule 10 (8" Schedule 40) roll set •Tools for roll set change •One (1) carrying case for roll sets
Part No. 48297.

shown with #41855 Power Drive and #42360 stand

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NEW!!

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Drilling & Tapping

Model RT3422 TAPPING TOOL

The Model RT3422 is designed for branching pressurized water, steam and natural gas mains. With up to 2" capacity, corrosion-proof design, ability to handle most types of material and being light in weight, the RT3422 is the tool to meet your tapping needs. •Easy to use — at only 21", this lightweight and compact tool is great for tight quarters and awkward locations •Heavy duty design — sturdy machined, corrosion resistant materials for dependable lifelong benefits •Built-in bleed valve allows for easy purge of chips •Independent cutter feed gives the operator total independent control of the cutter feed rotation for optimal saw life •Taps a variety of materials — steel, cast iron, ductile iron and plastic pipe •Capable of tapping mains of water up to 500 psig as well as steam, air and natural gas up to 150 psig •Coupon retaining bits — exclusive pilot bits give you the confidence that the coupon will not be dropped in the pipe, preventing medium contamination or possible damage of downstream equipment •Tapping capacity: ¾" - 2" •Mounting: Saddle, welded nipple, Weld-o-let, Thread-o-let •Cutter travel: 14" •Activation: Hand ratchet, air ratchet, right angle drill •Cutter field: Rotation of sleeve around an Acme threaded barrel •Pressure: Water, 500 psig @ 37.7°C steam, air and natural gas; 150 psig @ 187.7°C
Each RT3422 comes with: tapping tool with bleed valve, shaft extensions, heavy duty hole saw arbors, ¼" (#76027) and 3/8" (#76032) coupon retaining pilot bits, ratchet wrench #76022, (2) spud wrenches, and 5 valve adapters in a steel tool box.
Part No. 75992, ¾" - 2" NPT Set (Male).

Tube Repair & Joining

Model SF2500 PIPE FREEZER

SuperFreeze™ Pipe Freezer is an easy to use pipe freezing unit that allows the contractor to keep water systems operating while making repairs. The Ridgid SF-2500 is a mini refrigeration unit that circulates self contained refrigerant to its aluminum freeze heads. This forms an ice plug in as little as 5 minutes in copper tube up to 2½" or steel pipe up to 2". Once the pipe is plugged, repairs can be made with no fear of the ice plug melting because the unit remains on! Includes a bottle of specially formulated freeze gel to speed freezing. Apply the gel to freeze heads before placing on pipe. •CSA and UL approved •Capacity: Copper tube ½" - 2½"; Steel pipe ½" - 2" •Compressor: 115V, 60 Hz, 4.3A •Refrigerant: R-507 (14.2 oz. charge) •Weight: 55 lbs. •Hose length: 8.5 ft. (17 ft. span) •Dimensions: 21"L x 10½"W x 13"H
Part No. 68967.

Accessories:

Part No. 65937, SF-2000R Velcro straps (set of 2).
Part No. 69707, SF-2500R Velcro straps (set of 2).
Part No. 66462, SF-2000R 1¼" CTS bushings (set of 2).
Part No. 69712, SF-2500R ¾" CTS bushings (set of 2).
Part No. 70652, SF-2500R 1¼" CTS bushings (set of 2).
Part No. 69717, SF-2500R 2" CTS bushings (set of 2).
Part No. 68842, SF-2000R 3/8" end adapters (set of 2).
Part No. 68847, SF-2000R ½" end adapters (set of 2).
Part No. 68972, SF-2000R ¾" end adapters (set of 2).
Part No. 68857, SF-2500R ½" end adapters (set of 2).
Part No. 68862, SF-2500R ¾" end adapters (set of 2).
Part No. 65942, Quick Grip clamp.
Part No. 74946, Ridgid freeze gel.

Pipe Inspection & Locating

SEESNAKE MICRO™

See it... Find it... Fix it

The new RIDGID SeeSnake micro™ inspection camera allows you to easily perform visual inspections in hard to reach areas. Its lightweight, handheld design means that it can be carried anywhere providing solutions when and where you need them, while allowing you to offer more services and increase productivity.

Specifications:

Display..... 2.5" Colour LCD
Camera Diameter ..... 0.7" (17 mm)
Lighting..... 2 adjustable LEDs
Cable Reach..... 3 ft.
Waterproof..... Camera and cable to 10 ft. (when properly assembled)
Power Source..... 4 AA batteries (3 hrs. of continuous run-time)
Attachments..... Mirror, Hook and Magnet
Weight ..... 1.2 lbs.

Part No. 25643, SeeSnake Micro Inspection Camera.
Part No. 26658, 3 ft. Cable Extension.
Part No. 26663, Replacement Camera Head and Cable.
Part No. 26668, Accessory Pack (Mirror, Hook and Magnet).

SEE IT: With the SeeSnake micro inspection camera you can now easily see objects in hard to reach areas.

FIND IT: You will easily find and diagnose problems with the 3' flexible cable, colour camera, adjustable lighting and 2.5" LCD.

FIX IT: Three standard attachments can be used to fix a variety of problems.

100% Canadian.

SEESNAKE COMPACT COLOUR VIDEO INSPECTION SYSTEM

At less than 20 lbs., these systems offer fast set-up for quick inspections. Their ultra portability makes these cameras excellent complements to your SeeSnake Plus. •AC/DC operation Monitor System: •High resolution monitor •Power on/off button with step function dimming •Splash resistant case with built-in sunshade •Video in/out jack •Power indicator light •Interconnect cord Camera System: Scratch resistant, debris shedding, flush mounted sapphire lens •Integrated transmitter •Durable stainless steel camera head assembly and tapered spring assembly Reel: •100 ft. of push cable •Debris capturing, rotating drum with mercury-free slip ring •Counter to display distance on monitor in feet and inches Frame: •Rust resistant roll cage frame •Skid resistant feet for stability

Part No. 95542, 115V Colour Compact System w/ 2 batteries and 1 charger.

Part No. 83407, 14.4V battery.

Part No. 83417, Battery charger.

MINI-SEESNAKE PLUS SYSTEM

For 1¼" to 6" lines. At 25 lbs., the Mini-SeeSnake combines portability with a rugged camera used to inspect lines up to 200 ft. It is built tougher for unmatched durability, reliability and performance. Features: •100% hardened stainless steel camera head for increased durability •Improved push cable and smaller camera head to push farther through tigher spots •Inspects 1¼" - 6" lines; 2" P-Traps •Rugged, high intensity lights for improved visibility •Flexible transmitter makes locating easier and is fully compatible with Ridgid NaviTrack II and NaviTrack Scout •Choose Mini-SeeSnake when portability and maneuverability are crucial (multi-story buildings, rooftops, confined areas, etc.) •115V system includes 200 ft. cable on mini reel, LCD colour monitor and DVD

Part No. 23888.

NAVITRACK II LOCATOR

NaviTrack II navigates you to the location of underground pipes quickly and easily. It tracks energized lines with ease. Provides unprecedented ease of use. Due to NaviTrack II's advanced technology, training time is greatly reduced. You can learn to locate with NaviTrack II in minutes. NaviTrack II Locates: •SeeSnake in-line transmitters •Remote transmitters (sondes) •Energized metallic lines Performance: •Approach the transmitter from any direction for faster, more accurate locates •Maximize the signal and the locate is complete •Verify the locate using the large mapping display •Depth measurement is continuous •Depths of greater than 15 ft. can be read Specifications: •Weight: 5 lbs. •Power Source: 4 C-cell batteries •Battery Life: Approximately 16 hours Standard Frequencies: •Sonde: 512 Hz •Active Line Trace: 128 Hz, 1 kHz, 8 kHz, 33 kHz, 262 kHz •Passive AC Line Trace: 60 Hz, 50 Hz Additional Frequencies: •Sonde: 16 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz •Active Line Trace: 65 kHz, 200 kHz Standard Equipment: •Hard plastic carrying case #22388 •Surface markers and clip #12543 •Instructional DVD •Operator's manual •4 C-cell batteries

For users that locate both remote transmitters and energized lines on a regular basis, NaviTrack II is the fastest, easiest, most versatile locator.

Part No. 96967.

Drain Cleaning

TOILET AUGERS

High quality tools in 3 ft. and 6 ft. lengths provide fast and safe clearing of toilet obstructions. Features include: •Vinyl guard to protect porcelain •New durable, kink-resistant, ½" compression wrapped inner core cable •Large, ergonomically designed handles •Negotiate water conserving toilets •With bulb head

Part No. 59787, 3 ft. toilet auger.

Part No. 59797, 6 ft. toilet auger.

GRAPPLER HOOK

•Retrieves rocks, tools, objects •Extends your reach 6 ft. for even the deepest traps

Part No. 59190.

HAND SPINNER

Ideal for users seeking excellent performance and value. Features include: •Slip resistant collet chuck that grips/ungrips cable with the flick of the wrist •5/16" x 25 ft. hollow core cable with bulb head auger •Rotary molded plastic drum that won't rust or dent — cleans easily •Open drum design that permits access to cable

Part No. 59812.

RIDGID

SINK MACHINE w/ ACTION CHUCK & AUTO FEED

¾" to 2½" capacity. Quickly opens clogged tub lines. Advance and retrieve cable without reversing motor. •Excellent for small line cleaning, opens clogged lavatory, sink lines, urinals, and tub/shower drains •5/16" cables best for ¾" to 1½" lines •3/8" cables best for 1¼" to 2½" lines •Slide action chuck for quick locking/releasing of cable •Advanced two-way feed keeps hands off cable — advances and retrieves cable with push of a lever •Lightweight, easy to use, no set-up required •Variable speed power unit rotates cable 0-450 RPMs •Two piece twist lock canister with interchangeable inner drum: Makes cable changeout simple, easy to match the right cable to the job; inner drum prevents water leaks and greatly reduces cable flip over; drums won't rust or dent — ever •Drum capacity: 50 ft. of 5/16" or 35 ft. of 3/8" •115V •CSA approved •Machine includes 25 ft. of 5/16" cable #56782, 35 ft. of 3/8" cable #62260, 5-piece tool set for 3/8" cable #48482, carrying case #89410

Part No. 23513.

INNER CORE CABLES

•Vinyl wrapped inner core to prevent core from rusting to spring — enhances cable life •Compression wound for strength •Resists kinking; negotiates tough bends and traps •Provides good flexibility and cleaning power to the cable end

Part No. 62225, 5/16" x 25 ft. cable with bulb auger.
Part No. 62245, 3/8" x 25 ft. cable with male coupling.
Part No. 62260, 3/8" x 35 ft. cable with male coupling.

CABLE TOOLS

Part No. 62990, Straight auger, 5" long.
Part No. 63000, Bulb auger, 7/8" O.D.
Part No. 63065, Drop head, 4" long.
Part No. 63005, "C" cutter, 1-3/8".
Part No. 63010, Funnel auger, 3" long.
Part No. 63030, Grease cutter, 1".
Part No. 52812, "C" cutter, 2".

Model K-3800 DRUM MACHINE

For ¾" to 4" drain lines. •A powerful, easy to transport, versatile machine for cleaning indoor drains. Requires minimal set-up to clean sink lines, floor drains, and roof vents. •Rugged, corrosion resistant molded cable drum won't dent or rust. The drum tilt adjusts for proper cable feed angle. Inner-drum guards against cable flip over. •Cable drum's quick release and built in hand holds allow easy cable change and transport. •Standard drum capacity is 100 ft. of 3/8" or 90 ft. of ½" continuous length cable. •3/8" cable best for 1½" to 3" lines up to 100 ft. •½" cable best for 2" to 4" lines up to 90 ft. •Optional sink drum #55007 holds up to 50 ft. of 5/16" or ¼" cable — ideal for cleaning through ¾" to 1½" sink traps •Powerful 1/12 HP universal motor spins cable at 240 RPM. When cable hits blockage, motor gears down automatically to deliver more power and enhance operator control. •Tools connect to cable in seconds •115 V •CSA approved •Approved to UL standards (NRTLC) •Machine includes ½" x 90 ft. cable #55467, funnel auger #62855, knife blade cutter #54852, spade cutter #62880, pin key, pair of gloves

Part No. 53127.

SINK DRUM CABLES

Part No. 56782, 5/16" x 25 ft. inner core w/ bulb auger.

ACCESSORIES

Part No. 59230, Pin key for 3/8" cable.
Part No. 59225, Pin key for ½" cable.
Part No. 60087, Power feed.
Part No. 37852, 3/8" x 100 ft. inner core cable.

Model K-750 DRUM MACHINE

For 3" to 8" drain/sewer lines. •Powerful, self-contained machine ideal for lateral lines. Easy to transport, minimal set-up — attach a tool and go. •Autofeed advances, retrieves cable automatically, up to 20 ft. per minute •Versatile Autofeed adjusts for either 5/8" or ¾" cable with a twist of a screwdriver •Recommend 5/8" cable for 3" to 6" drain lines up to 150 ft.; ¾" cable for 4" to 8" drain lines up to 200 ft. •Cable spins at 200 RPM •Tough, corrosion resistant cable drum withstands harsh treatment and abuse. It will not dent or corrode and cleans easily. •Drum holds 100 ft. of ¾" or 125 ft. of 5/8" cable and is designed for quick, easy removal •Well balanced design gives machine a lightweight "feel". Transport wheels ease loading into service truck/van. •Equipped with ½ HP induction motor, 115V, 60 Hz •CSA approved •Approved to UL standards (NRTLC) Machine comes with standard 5/8" tool set which includes: •3" P-trap cutter #92485 •Spear blade cutter #92495 •3" cutter #92520 •Retrieving auger #92500 •2" cutter #92510 •Also includes 5/8" x 100 ft. cable #43647 and a pair of gloves

Part No. 47047.

INNER CORE CABLES

Good flexibility and more cleaning power to the cable end.

Part No. 43647, 5/8" x 100 ft. cable.
Part No. 41697, ¾" x 100 ft. cable.

SAWTOOTH CUTTER

Part No. 92505.

Model K-50 SECTIONAL MACHINE

For ¾" to 4" drain lines. •Compact, versatile, professional's machine. Capable of running three different size cables: 5/16", 3/8", and 5/8". The perfect, all around sink, shower and floor drain machine. Weighs less than 40 lbs. •Unique, easy to use, instant-acting cable clutch maximizes operator control: -pull handle down and cable spins at 400 RPM -release handle, cable stops — instantly •Uses sections of 5/8" cable, cleans 1¼" to 4" lines up to 100 ft. •Equipped with an A-17A adapter #59250 and an A-17B adapter #59255, runs up to 50 ft. of 5/16" or 35 ft. of 3/8" continuous length cable •5/16" best for ¾" to 1½" lines •3/8" best for 1¼" to 2" lines •Equipped with 1/6 HP motor •115V •CSA approved •Approved to UL standards (NRTLC) Machine comes with A-30 cable kit #59365 which includes: •Six sections 7½ ft. x 5/8" cable (45 ft.) #62270 •Cable carrier #59210 •Straight auger #62990 •Bulb auger #62995 •"C" cutter #63005 •Spade cutter #63035 •Coupling pin key #59230 •Rear guide hose #59235 •Left hand mitt #59205

Part No. 59000.

Optional Tools:

Part No. 63000, Bulb auger, 7/8" O.D.
Part No. 63065, Drop head, 4" long.
Part No. 63010, Funnel auger, 3" long.
Part No. 63030, Grease cutter, 1".
Part No. 52812, Heavy duty "C" cutter, 2".

Model K-60 SECTIONAL MACHINE

For 1¼" to 4" drain lines. •A compact machine for institutional, commercial or residential cleaning. Also ideal for septic tank vacuum truck operators. Small enough to fit into cramped spaces, yet powerful enough to clear tough blockages. •Ideal for rooftop vent stacks. Rear handle allows for easy transporting up ladders and onto rooftops. •Unique, easy to use instant acting cable clutch maximizes operator control: -push handle down, cable spins at 600 RPM -release handle, cable stops instantly, no overrun to kink or damage cable •Simple adjustment knob allows unit to spin both 7/8" and 5/8" diameter cable. Adjusts in seconds. •7/8" cable cleans 2" to 4" lines through 150 ft. •5/8" cable cleans 1¼" to 4" lines through 125 ft. •Remove only two bolts to access jaw set for cleaning or replacement. Removal of same bolts provides access to belt drive. •Equipped with ½ HP motor •115 V •CSA approved •Approved to UL standards (NRTLC) •Machine includes cable carrier #59470, five sections of 7/8" cable (75 ft.) #62275, rear guide hose #61615, operator's mitt #59205, straight auger #62850, funnel auger #62855, spade cutter #62880, retrieving auger #27642, sharktooth cutter #98055, tool box #59360, pin key #59225 Part No. 66497.

CABLES & CABLE KITS

Part No. 61630, Standard equipment cable kit includes five sections 7/8" x 15 ft. cable (75 ft.), cable carrier.

CELEBRATING 40 YEARS
40
1968 Gregg 2008

Automotive Air Tools – Impact Wrenches

Chicago Pneumatic

1/4" HEAVY DUTY IMPACT WRENCH

•Durable clutch mechanism with oil lubrication •Contoured elastomer handle grip provides comfort and ergonomics •Handle exhaust directs air away from workpiece and operator •Plunger type reverse valve for true one hand operation •Applications: small fasteners, small engine repair, body shops
Part No. CP-719.

Also available as a Quick Change version.
Part No. CP-719QC.

3/8" HEAVY DUTY IMPACT WRENCH

•Rocking dog clutch with oil lubrication for long life and durability •Energy efficient motor for maximum performance •Built-in power regulator •Pistol-type grip with ergonomically designed handle for less fatigue •Applications: bench work, small engines, transmissions
Part No. CP-721.

3/8" HEAVY DUTY IMPACT WRENCH

•Rocking dog clutch with oil lubrication for long life and durability •Air inlet swivels 360° for easy maneuvering •Butterfly throttle allows one hand directional changes •Streamline housing for greater access into tight areas •Applications: bench work, carburetors, ignitions, body panels, transmissions, fender struts, oil pans, and small engine work
Part No. CP-722.

3/8" HEAVY DUTY IMPACT WRENCH

•Improved oil bath DYNA-PACT clutch delivers higher performance and extended durability •Differential regulator allows the operator to match the required power to the job •Handle exhaust directs air away from the workpiece and operator •Integral 360° air inlet swivel keeps air hose from being twisted and kinked •Teasing throttle design for precise control •Applications: transmissions, exhaust systems, body shops, general repair in the 3/8" range
Part No. CP-724H.

Protective cover:
Part No. CA146522.

3/8" HEAVY DUTY IMPACT WRENCH

•Durable clutch mechanism for long life •Handle exhaust directs air away from workpiece and operator •Positive action trigger for precise control •Contoured elastomer handle grip provides comfort and ergonomics •Applications: transmissions, exhaust systems, body shops, general repair in the 3/8" range
Part No. CP-727.

1/2" HEAVY DUTY IMPACT WRENCH

•Improved oil bath DYNA-PACT clutch delivers higher performance and extended durability •Differential regulator allows the operator to match the required power to the job •Handle exhaust directs air away from the workpiece and operator •Integral 360° air inlet swivel keeps air hose from being twisted and kinked •Teasing throttle design for precise control •Applications: transmissions, exhaust systems, body shops, general repair
Part No. CP-726H.

Protective cover:
Part No. CA146522.

1/2" SUPER DUTY IMPACT WRENCH

•Improved oil bath DYNA-PACT clutch delivers higher performance and extended durability •Differential regulator allows the operator to match the required power to the job •Handle exhaust directs air away from the workpiece and operator •Teasing throttle design for precise control •Applications: overall automotive service, body shop, farm, light truck work, etc.
Part No. CP-734H.

Protective cover:
Part No. CA146523.

1/2" SUPER DUTY IMPACT WRENCH

•CP's most powerful, 1/2" impact wrench •Oil bath "Spring Hammer" clutch mechanism for ultimate power, high durability and reduced vibration •Differential regulator with four positive power settings in forward and ultimate power in reverse •Contoured elastomer handle grip provides comfort and ergonomics •Applications: heavy automobile and light truck applications
Part No. CP-749.

Protective cover:
Part No. CA155537.

PART NO.	WORKING TORQUE RANGE ft.-lb. (Nm)	MAX. TORQUE @90 PSI Rev. ft.-lb. (Nm)	FREE SPEED	WEIGHT (lbs.)	LENGTH (in.)	AVG. AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	SOUND dBA PRESSURE	VIBRATION m/s^2
CP-719	5-20 (7-27)	30 (47)	7000	2.5	4.5	2	1/4	87.6	<2.5
CP-721	5-50 (7-68)	75 (102)	11,000	2.63	5.75	2.5	1/4	84.1	4.9
CP-722	5-50 (7-68)	75 (102)	9500	2	5.75	2.25	1/4	86.3	<2.5
CP-724H	40-170 (54-230)	200 (271)	8500	3.1	6	3	1/4	94	<2.5
CP-727	40-150 (54-230)	180 (244)	6800	3.5	6	3	1/4	95	4.7
CP-726H	40-170 (54-230)	200 (271)	8500	3.1	6	3	1/4	94	<2.5
CP-734H	25-310 (34-420)	425 (576)	8400	5.13	9.13	3.75	1/4	90	3.4
CP-749	50-450 (68-610)	625 (827)	6400	5.5	7	5.5	1/4	95.4	4.9

Listed specifications are for reference only. Please check documents in each tool.

Gregg Distributors carries the complete line of Chicago Pneumatic Tools — Please consult your Gregg's Representative today!!

100% Canadian.

1/2" EXTREME DUTY IMPACT WRENCH

•800 ft.lbs of ultimate torque •Run it in standard mode and you've got a great 1/2" wrench with 600 ft.lbs of torque – Switch to Turbo mode and you've got an unbelievable 800 ft.lbs. •Patented CP Turbo high performance motor system •2 forward and 2 reverse speeds •Lightweight, compact design •Applications: heavy duty repair jobs on trucks, buses, off-road equipment, SUVs pick up trucks or anywhere you need extra power and compact size.
Part No. CP-7750.

800 ft.lbs.
of Ultimate Torque

PART NO.	WORKING TORQUE RANGE ft.-lb. (Nm)	MAX. TORQUE @90 PSI Rev. ft.-lb. (Nm)	FREE SPEED	WEIGHT (lbs.)	LENGTH (in.)	AVG. AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	SOUND dBA PRESSURE	VIBRATION m/s²
CP-7750	50-550 (68-746)	800 (1085)	6200	5	7.6	6	1/4	94	4.4

1/2" SUPER DUTY AIR IMPACT WRENCH

•Features a high performance dual chamber motor, liner, rotor and end plates made with exclusive patented MgDRIVEN technology •This innovative magnesium (Mg) alloy is extremely light but tough material which makes the CP7740 lighter, stronger and more durable than any other ½" impact guns on the market •A weight of only 2.7 lbs. just 6.3 inches long and over 500 ft.lbs. of maximum torque •Light, powerful, and efficient. The CP 7740 is by far the most effective and usable 1/2" impact gun ever produced.
Part No. CP-7740.
Part No. CP-7740-2, with extended anvil.
Part No. 8940163046, Boot cover.

PART NO.	WORKING TORQUE RANGE ft.-lb. (Nm)	MAX. TORQUE @90 PSI Rev. ft.-lb. (Nm)	FREE SPEED	WEIGHT (lbs.)	LENGTH (in.)	AVG. AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	SOUND dBA PRESSURE	VIBRATION m/s²
CP-7740	50-300 (68-407)	500 (678)	5400	2.7	6.3	5.25	1/4	87.5	5.9

1/2" HEAVY DUTY IMPACT WRENCH

•Packed with power and speed •550 ft-lbs. of ultimate torque •New motor and SpringHammer™ Clutch system makes this tool 35% more durable over previous models •At only 7.1 inches in length, this tool is very compact to get into and out of the tight spaces •Applications: general automotive service, body shop, farm and light truck work
Part No. CP-7733.
Part No. CP-7733-2, with extended shank.

Protective cover:
Part No. 8940158949.

3/4" SUPER DUTY IMPACT WRENCH

•Improved oil bath DYNA-PACT clutch delivers higher performance and extended durability •Differential regulator allows the operator to match the required power to the job •Handle exhaust directs air away from the workpiece and operator •Integral 360° air inlet swivel keeps air hose from being twisted and kinked •Teasing throttle design for precise control •Applications: assembly and maintenance of buses, truck, RVs, farm machinery and construction equipment
Part No. CP-772H.

Protective cover:
Part No. CA-124745.

3/4" SUPER DUTY IMPACT WRENCH

•Variable speed trigger provides controlled start-ups •Handle exhaust directs air away from the workpiece and operator •Rugged clutch mechanism for extended durability under heavy use •Power regulator allows the operator to match the required power to the job •Applications: spring work, tractor pad removal, farm equipment, etc.
Part No. CP-776.

Protective cover:
Part No. CA-154948.

PART NO.	WORKING TORQUE RANGE ft.-lb. (Nm)	MAX. TORQUE @90 PSI Rev. ft.-lb. (Nm)	FREE SPEED	WEIGHT (lbs.)	LENGTH (in.)	AVG. AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	SOUND dBA PRESSURE	VIBRATION m/s²
CP-7733	25-400 (34-542)	550 (746)	7000	5.6	7.1	4.75	1/4	96	4.0
CP-772H	150-700 (203-949)	1000 (1356)	4200	10.5	9.6	6	3/8	98.3	4.9
CP-776	200-750 (271-1017)	1150 (1559)	4500	12.5	8.75	7.75	3/8	99.1	6

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Automotive Air Tools – Impact Wrenches

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3/4" SUPER DUTY IMPACT WRENCH

•Handle exhaust directs air away from the workpiece and operator •Rugged clutch mechanism for extended durability under heavy use •Power regulator allows the operator to match the required power to the job •6" extended shank for truck tires •Applications: truck tires, spring work, tractor pad removal, etc.
Part No. CP-776-6.

3/4" & 1" SUPER DUTY IMPACT WRENCH

•Built to last in the most demanding settings, these impacts will be the tools of choice for high volume truck spring, truck maintenance, and heavy equipment shops •High efficiency 6 vane motor •1200 ft.lbs. of ultimate torque •850 bpm •Compact size with high power output •Twin hammer high power clutch for greater durability and longer life •Three position power regulator with forward/reverse directional control •Quiet handle exhausts directs air away from operator
Part No. CP-7763, 3/4" Impact wrench.
Part No. CP-7763-6, 3/4" Impact wrench with extended anvil.
Part No. CP-7773, 1" Impact wrench.
Part No. CP-7773-6, 1" Impact wrench with extended anvil.
Part No. 8940163076, Boot cover.

1" HEAVY DUTY IMPACT WRENCH

•Power regulator allows the operator to match the required power to the job •Movable dead handle adjusts for operator comfort •High output motor generates high torque levels •Variable speed trigger for precise control •Applications: truck springs, tractor pads, off road equipment, etc.
Part No. CP-893.

1" HEAVY DUTY IMPACT WRENCH

•Oil bath clutch for smooth operation and extended durability •One hand push button forward/reverse power regulator •3 positive power settings in forward and ultimate power in reverse •Adjustable side handle for added support •Ideal for spring work, tractor pad removal and off-road equipment repair
Part No. CP-894.

1" SUPER DUTY IMPACT WRENCH

•Most popular 1" truck tire tool available today •Durable rocking dog clutch ideal for tire work •Teasing throttle for easy bolt starting •Convenient reverse valve for easy directional changes •Applications: high volume tire work on trucks, buses and heavy equipment
Part No. CP-797-6.

1" IMPACT WRENCH

•Directed exhaust to keep dust and materials away from the operator •1550 ft-lbs. of torque •Over 5000 rpm of free speed •Ergonomically designed handles and trigger
Part No. CP-7775, 1" impact wrench.
Part No. CP-7775-6, 1" impact wrench with extended anvil.
Part No. CP-7775SP-6, 1" impact wrench with extended anvil spline.

1" IMPACT WRENCH

•Pistol grip impact wrenches provides up to 1,750 ft-lbs. of ultimate torque. •750 blows per minute • From heavy duty trucks to off road equipment, these tools have the power and durability needed to get the job done quickly and efficiently •Handle exhaust directs air away from work area •Three position power regulator in forward and reverse to match the power to the job •Overmold side handle grip for comfort and control •Extreme durability for everyday work
Part No. CP-7774, 1" impact wrench.
Part No. CP-7774-6, 1" impact wrench with extended anvil.
Part No. 8940162785, Tool cover.

PART NO.	WORKING TORQUE RANGE ft.-lb. (Nm)	MAX. TORQUE @90 PSI Rev. ft.-lb. (Nm)	FREE SPEED	WEIGHT (lbs.)	LENGTH (in.)	AVG. AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	SOUND dBA PRESSURE	VIBRATION m/s^2
CP-776-6	200-750 (271-1017)	1150 (1559)	4500	13.7	14.75	7.75	3/8	99.1	6
CP-7763	100-950 (136-1288)	1200 (1627)	6300	11.58	8.8	7.5	3/8	96	9
CP-7763-6	100-950 (136-1288)	1200 (1627)	6300	13.85	15	7.5	3/8	96	9
CP-7773	100-950 (136-1288)	1200 (1627)	6300	12.05	8.8	7.5	3/8	96	9
CP-7773-6	100-950 (136-1288)	1200 (1627)	6300	13.95	15	7.5	3/8	96	9
CP-893	200-710 (271-963)	1400 (1898)	4400	23	11.5	10.25	3/8	97.8	9.4
CP-894	300-1200 (407-1627)	1700 (2305)	4100	25	11.75	11.25	1/2	99.6	5
CP-797-6	150-900 (203-1200)	1400	4200	29.75	22.25	10	1/2	110	4.3
CP-7774	100-1300 (136-1763)	1750	5000	22.2	10.5	33	1/2	-	-
CP-7774-6	100-1100 (136-1491)	1550	5000	24.4	16.7	33	1/2	-	-
CP-7775	100-1000 (136-1356)	1550	6400	22.2	13.9	35	1/2	96	9.1

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Listed specifications are for reference only. Please check documents in each tool.

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Automotive Air Tools – Impact Wrenches

Chicago Pneumatic

1" IMPACT WRENCH

•1,450 ft-lbs of ultimate torque in a lightweight 22.2 lb. tool •Ergonomic trigger and handles, directed exhaust •High performance 6 vane motor maximizes output while minimizing air consumption •Three position regulator and directional control, one lever for all controls •Perfect for high volume truck tire shops

Part No. CP-7778, 1" impact wrench.

Part No. CP-7778-6, 1" impact wrench with 6" extended anvil.

Part No. CP-7778SP-6, 1" impact wrench with 6" extended anvil and #5 spline.

PART NO.	WORKING TORQUE RANGE ft.-lb. (Nm)	MAX. TORQUE @90 PSI Rev. ft.-lb. (Nm)	FREE SPEED	WEIGHT (lbs.)	LENGTH (in.)	AVG. AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	SOUND dBA PRESSURE	VIBRATION m/s^2
CP-7778	100-1100 (136-1627)	1450	5000	22.2	13.2	35	1/2	101	9.1

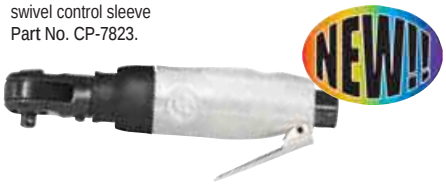
Listed specifications are for reference only. Please check documents in each tool.

Automotive Air Tools – Ratchets

1/4" HEAVY DUTY SWIVEL HEAD RATCHET

•Here is a ratchet that gets around all the corners and even in places ¼" ratchets can't •Features an innovative 4 position (0°, 90°, 180°, 270°) swivel head for greater maneuverability and easy access in tough spots •Designed to fit into the palm of your hand, this compact and lightweight ratchet is ideal for under dashboard work, small engine repair and more •Easy access forward/reverse switch on head •One piece aluminum body •Rear exhaust •Easy handle throttle control •Locking swivel control sleeve

Part No. CP-7823.



1/4" & 3/8" HEAVY DUTY RATCHETS

•New improved ratchet head with a convenient forward/reverse button for one finger directional changes •Square handle design for positive grip •Easy speed control throughout range maximum rundown speed of 200 rpm •Compact/lightweight, ideal for confined working conditions •Applications: under-dashboard work, small engine repair, all small fasteners, etc.

Part No. CP-825, 1/4" ratchet.

Part No. CP-825T, 3/8" ratchet.

1/4" & 3/8" SUPER DUTY RATCHETS

•New improved head design - reduces premature wear and eliminates slips •Urethane grip offers unmatched comfort and a non-slip feel •Extended length - designed for greater reach in confined areas •Faster rundown with higher revolutions per minute - 250 rpm •Protective head cover included •Applications: under-dashboard work, small engine and body shop repair

Part No. CP-826, 1/4" ratchet.

Part No. CP-826T, 3/8" ratchet.

3/8" & 1/2" HEAVY DUTY RATCHETS

•Advanced head design provides dramatically longer life •Ergonomic square-handle design for a positive, comfortable grip •Efficient 1/2 hp motor provides up to 50 ft.-lb. of torque •Teasing throttle for precise speed control •150 rpm •Applications: exhaust systems, small engines, water pumps, fuel pumps, radiators, etc.

Part No. CP-828, 3/8" ratchet.

Part No. CP-828H, 1/2" ratchet.

3/8" & 1/2" STANDARD DUTY RATCHETS

•Compact head design allows greater flexibility in tight areas •Easy to grip reverse lever for simple directional changes •Hardened gears allow greater durability over other economically priced ratchets •160 rpm •Applications: installing or removing spark plugs, radiators, water pumps, and exhaust systems

Part No. CP-886, 3/8" ratchet.

Part No. CP-886H, 1/2" ratchet.

3/8" SUPER DUTY RATCHET

Powerful 90 ft.-lbs. Max. Torque and 190 rpm

The new CP7830 series, available in 3/8" square drive is made to last. Offers greater durability, better balance, less weight, more comfort and longer life. Ergonomic grip for more control.

Part No. CP7830, 3/8" ratchet.

Part No. CP7830K, 3/8" ratchet kit. Kit includes 3/8" air ratchet, one each of SAE sockets sizes 3/8", 7/16", 1/2", 9/16", 5/8" in a heavy duty carrying case.

3/8" & 1/2" SUPER DUTY QUIET RATCHETS

•The quietest ratchet on the market at 79 dBA •90 ft-lbs. of torque/190 rpm •Patented TriSpring™ head design •Ergonomic trigger and handle

Part No. CP7830Q, 3/8" ratchet.

Part No. CP7830QK, 3/8" ratchet kit; includes a set of 5 sockets packed in a heavy duty carrying case.

Part No. CP7830HQ, 1/2" ratchet.

PART NO.	WORKING TORQUE RANGE ft.-lb. (Nm)	MAX. TORQUE @90 PSI Rev. ft.-lb. (Nm)	FREE SPEED	WEIGHT (lbs.)	LENGTH (in.)	AVG. AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	SOUND dBA PRESSURE	VIBRATION m/s^2
CP-825	5-15 (7-20)	15 (20)	200	1.88	6.5	2.75	1/4	87	6.2
CP-825T	5-15 (7-20)	15 (20)	200	1.88	6.5	2.75	1/4	87	6.2
CP-826	5-15 (7-20)	15 (20)	250	1.13	8	3.5	1/4	87	6.2
CP-826T	5-15 (7-20)	15 (20)	250	1.13	8	3.5	1/4	87	6.2
CP-828	10-50 (14-68)	50 (68)	150	2.4	10	3.75	1/4	96.5	7.9
CP-828H	10-50 (14-68)	50 (68)	150	2.4	10	3.75	1/4	96.5	7.9
CP-886	10-50 (14-68)	50 (68)	160	2.63	10.25	4.25	1/4	98.2	7.2
CP-886H	10-50 (14-68)	50 (68)	160	2.63	10.25	4.25	1/4	98.2	7.2
CP-7823	5 - 15 (7-20)	15 (20)	250	1.0	6.7	4.5	1/4	-	-
CP-7830	10-90 (14-122)	90 (122)	190	2.7	12	4.63	1/4	96.9	14.8
CP-7830Q	10-90 (14-122)	90 (122)	190	2.7	12	4.63	1/4	96.9	14.8
CP-7830HQ	10-90 (14-122)	90 (122)	190	2.7	12	4.63	1/4	96.9	14.8

Listed specifications are for reference only. Please check documents in each tool.

Automotive Air Tools – Sanders

Chicago Pneumatic

HEAVY DUTY RANDOM ORBITAL SANDER

•Rotary and orbital motion for rapid removal as well as fine finishing •Sure grip insulated handle •Crossbolt style hub mounting minimizes vibration •Circular exhaust diffuses air flow •Applications: blending and smoothing filler, feather edging and pre-paint preparation

Part No. CP-864.

DUAL ACTION SANDER

•Rotary and orbital motion for rapid removal as well as fine finishing •Speed regulator to match speed to the job •Lock off throttle to prevent accidental start ups •Insulated grip provides comfort to operator •Applications: blending and smoothing filler, feather edging and pre-paint preparation

Part No. CP-870.

HEAVY DUTY PALM SANDER

•Comfort rubber grip •Pre-set regulator valve controls air pressure to assure optimum tool life •Heavy duty ball bearing construction for durable operation •Applications: sanding of wet or dry paint, fibreglass, plastic, wood, etc.

Part No. CP-766.

HEAVY DUTY DUAL PISTON STRAIGHT LINE SANDER

•Dual piston provides smooth, balanced sanding action •Automatic release trigger with positive stop action •Moulded edge pad with dimple-free surface for smooth finishing and prevention of grit build up •Long lasting durability with low maintenance •3000 1" strokes per minute for fast cutting •Applications: all types of surface preparation and rapid removal of material from large areas

Part No. CP-768.

HEAVY DUTY ORBITAL SANDER

•Balanced counterweight design •Patented, non-rotating gear housing makes tool easy to handle •Positive rotation with oscillating action prolongs abrasive life •Circular exhaust diffuses air flow •Applications: shaping, blending and smoothing body filler, rapid material removal, etc.

Part No. CP-777.

ORBITAL PALM SANDER

•Easy to handle, compact and lightweight, providing best power to weight ratio in its class •0.3 hp oil free motor delivers the power you need to get the job done while keeping the work area free of contaminants •Triple balance design provides balance with low vibration for superior control and high performance finishing •Adjustable speed regulator with safety shut off for maximum control •Unique silencer for low sound level •5.0 mm orbit

Part No. CP-7250.

HEAVY DUTY HI-SPEED SANDER

•Built in regulator and variable speed throttle for precise speed control •Rugged, energy efficient 1/2 hp motor •Excellent motor balance produces low vibration •Lightweight for easy handling •Applications: paint removal, shaping filler patches, weld smoothing, and rust removal

Part No. CP-778.

MINI-SANDER & MINI-POLISHER KITS

•Compact and lightweight for easy access in tight areas •Rubber molded palm grip for added comfort •Two finger throttle for easier control and less fatigue •Handle exhaust directs air away from the work area •Adjustable speed regulator to match the speed to the job •Silenced handle exhaust directs air away from workpiece

Part No. CP-7200S, includes (1) 2" and 3" backing pads, (10) 2" 320, 400 and 600 grit sand paper, (10) 3" 320, 400 and 600 grit sand paper, spindle key and heavy duty carrying case.

Part No. CP-7201P, includes (1) 3" backing pad, (1) 3½" wool polishing pad, (2) 3½" foam compounding pads (white/yellow), spindle wrench and heavy duty carrying case.

Part No. CP-7202D, includes (1) 3" backing pad, (10) 3" 80, 100 and 120 grit sanding discs, (1) 3" fine, medium and course surface prep discs, spindle wrench and heavy duty carrying case.

CP-7200S

CP-7202D

PART NO.	PAPER SIZE (in.)	MAX. RPM or *FREE SPEED	ORBIT	WEIGHT (lbs.)	AVG. AIR CONSUMP. (CFM)	ACTUAL AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	MIN. HOSE SIZE (in.)	SOUND dBA PRESSURE	VIBRATION m/s^2
CP-864	6	10,000	10	4	8	16	1/4	3/8	86	<2.5
CP-870	6	10,000	10	4.25	8	18	1/4	3/8	85	6.2
CP-766	3.66 x 9	8000	-	4.75	7	14	1/4	3/8	90	9
CP-768	2.75 x 17.5	3000	-	6.75	10	20	1/4	3/8	85	7
CP-777	8	900	-	4.25	8	16	1/4	3/8	97	9
CP-7250	6	12,000*	-	1.7	8.3	16.6	1/4	3/8	76	<2.5
CP-778	5	14,000*	-	2.25	10.5	21	1/4	3/8	99.5	<2.5
CP-7200S	2, 3	15,000*	-	1.5	10.5	21	1/4	3/8	86.2	7.1
CP-7201P	3	2500	-	1.75	10.5	18	1/4	3/8	88	<2.5
CP-7202D	3	15,000*	-	1.5	10.5	21	1/4	3/8	84.8	3.1

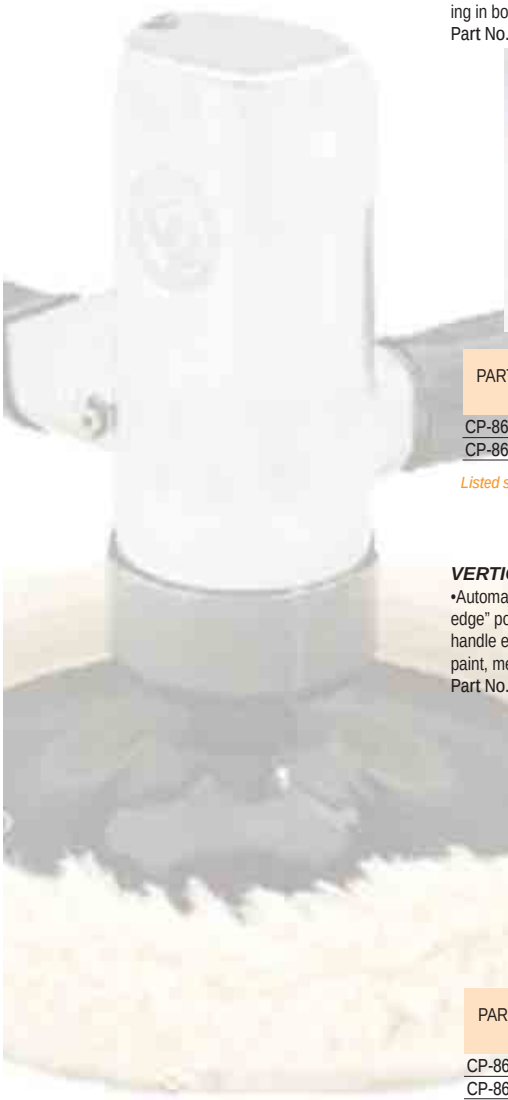
Listed specifications are for reference only. Please check documents in each tool.

CP-7201P

100% Canadian.

Chicago Pneumatic

Automotive Air Tools – Sanders



HEAVY DUTY VERTICAL SANDER

•Automatic release throttle with positive stop action •Muffled handle exhaust to vent air away from work surface •Rugged 1 hp motor •Double idler planetary gearing •Applications: roughing in body filler, weld smoothing, paint and rust removal
Part No. CP-865S.

HEAVY DUTY ANGLE SANDER

•Powerful 1 hp motor •Contoured throttle control for easy handling •Dead handle mounts on either side for right or left hand operation •Hardened and ground spiral bevel gears for low vibration and long life •Applications: heavy rust removal, sanding of metal, and shaping of contoured filler patches
Part No. CP-869S.

PART NO.	PAPER SIZE (in.)	MAX. RPM	WEIGHT (lbs.)	AVG. AIR CONSUMP. (CFM)	ACTUAL AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	MIN. HOSE SIZE (in.)	SOUND dBA PRESSURE	VIBRATION m/s^2
CP-865S	7	5000	4.25	11.25	22.5	1/4	3/8	87	6.2
CP-869S	7	5000	6.5	13	26.5	1/4	3/8	100.3	10.2

Listed specifications are for reference only. Please check documents in each tool.

Automotive Air Tools – Polishers

VERTICAL POLISHER

•Automatic release trigger with positive stop action •"Flex-edge" polishing pad to help eliminate scorching •Muffled handle exhaust •Applications: ideal for buffing and polishing paint, metal, wood, or plastic to a smooth flawless finish
Part No. CP-865P.

ANGLE POLISHER

•"Flex-edge" polishing pad to help eliminate scorching •Muffled rear exhaust •Built in air regulator adjusts speed •Hardened and ground spiral bevel gears for low vibration and long life •Applications: ideal for buffing and polishing flat and contoured surfaces
Part No. CP-869P.

PART NO.	PAPER SIZE (in.)	MAX. RPM	WEIGHT (lbs.)	AVG. AIR CONSUMP. (CFM)	ACTUAL AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	MIN. HOSE SIZE (in.)	SOUND dBA PRESSURE	VIBRATION m/s^2
CP-865P	8	2500	4.5	11.25	23.5	1/4	3/8	90.8	<2.5
CP-869P	8	2500	6.5	13	29	1/4	3/8	102.1	<2.5

Listed specifications are for reference only. Please check documents in each tool.

Automotive Air Tools – Grinders

HEAVY DUTY DIE GRINDER

•Built in regulator matches speed to job •Rear exhaust directs air away from work •Square handle design for positive grip •Applications: cleaning tire moldings, porting and relieving engines, and general high speed polishing and grinding
Part No. CP-860.

HEAVY DUTY EXTENDED DIE GRINDER

•Built in regulator matches speed to job •Rear exhaust directs air away from work •Square handle design for positive grip •Applications: polishing, grinding, porting in hard to reach areas
Part No. CP-860ES.

STANDARD DUTY DIE GRINDER

•Lock off throttle to prevent accidental start up •Built in regulator matches speed to job •Rear exhaust directs air away from work •Complete with 1/4" and 6 mm collet •Applications: tire scuffing, cleaning tire moldings, general high speed polishing and grinding
Part No. CP-872.

PART NO.	MAX. RPM	WEIGHT (lbs.)	AVG. AIR CONSUMP. (CFM)	ACTUAL AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	MIN. HOSE SIZE (in.)	SOUND dBA PRESSURE	VIBRATION m/s^2
CP-860	24,000	1.25	5.75	5.25	1/4	3/8	92.6	4.8
CP-860ES	24,000	2.1	11.75	5.75	1/4	3/8	93	4.8
CP-872	22,000	1.25	6.5	-	1/4	3/8	100.9	<2.5

Listed specifications are for reference only. Please check documents in each tool.

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Automotive Air Tools – Sanders

MINI DIE GRINDER

•Compact, lightweight design for easy maneuverability •Lock off throttle to prevent accidental start up •Complete with 1/4" and 6 mm collet •Built in regulator to match speed to the job •Applications: high speed blending, smoothing, porting and deburring in confined areas

Part No. CP-876.

MINI DIE GRINDERS

•Ergonomically designed for comfort, control and easy handling •Powerful .25 hp high performance motor •Easy access speed regulator for precise power and control •Insulated handle grip for added comfort •Rear exhaust vents air away from the work area •Lock off throttle

Part No. CP7556, Mini straight die grinder.
Part No. CP7562, Mini 90° angle grinder.
Part No. CP7563, Mini 120° angle grinder.
Part No. 8940163043, Exhaust hose.

MINI ANGLE DIE GRINDER

•Compact, lightweight design for easy maneuverability •Lock off throttle to prevent accidental start up •90° angle head allows flexibility in tight quarters •Complete with 1/4" and 6 mm collet •Applications: high speed blending, smoothing, porting and deburring in confined areas

Part No. CP-875.

2" ANGLE GRINDER

•This compact, lightweight grinder is great for working in confined areas on jobs that require fast metal removal. Ideal for body shop, automobile and truck repair. •Rubber handle grip for extra comfort •Side exhaust directs air away from work area •Compact and lightweight for easy access in tight areas •Self-locking throttle prevents accidental start-ups •Full 180° protective guard

Part No. CP-7500.

4" ANGLE GRINDER

•Aluminum alloy housing is rugged yet lightweight for maximum operator comfort •Spiral bevel gearing in angle head provides extended life and smooth low vibration •Removable dead handle allows access to tight quarter work •4" wheel size, 24" spindle •Applications: weld preparation and smoothing; rust removal; deburring and blending of steel, cast iron, and aluminum

Part No. CP-854.

5" HEAVY DUTY ANGLE GRINDER

•This extremely durable grinder is the ideal choice for rust removal, weld preparation and smoothing, deburring and blending of steel, cast iron and aluminum •Powerful .7 hp high performance motor for fast, efficient grinding in tight quarters •5/8" - 11 spindle •12000 rpm max free speed •Spiral bevel gearing in the angle head provides extended life and smooth low vibration •Side handle •One piece aluminum housing •Speed regulator •Lock-off throttle •Full 180° safety guard •3.9 lbs. tool weight •9.05" tool length

Part No. CP-7554.

7" HEAVY DUTY ANGLE GRINDER

•Powerful 1.25 hp high performance motor for fast metal removal •Aluminum alloy housing is rugged, yet lightweight •Spiral bevel gearing in angle head provides extended life and smooth low vibration •Excellent for weld preparation and smoothing, rust removal, deburring and blending of steel, cast iron and aluminum

Part No. CP-857.

PART NO.	MAX. RPM	WEIGHT (lbs.)	AVG. AIR CONSUMP. (CFM)	ACTUAL AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	MIN. HOSE SIZE (in.)	SOUND dBA PRESSURE	VIBRATION m/s^2
CP-857	7,500	6.25	6.25	13.13	1/4	3/8	101.9	2.7
CP-860	24,000	1.25	10.5	21	1/4	3/8	92.6	4.8
CP-860ES	24,000	2.1	10.5	21	1/4	3/8	93	4.8
CP-872	22,000	1.25	13	26	1/4	3/8	100.9	<2.5
CP-875	22,500	1	11	22	1/4	3/8	101.3	3
CP-876	30,000	0.75	12	24	1/4	3/8	96.1	5.4
CP-854	12,000	3.75	12	24	1/4	3/8	85	4.4
CP-7500	20,000	1.2	4	8	1/4	3/8	81	8.5
CP-7554	12,000	3.9	6	24	1/4	3/8	84	8.3
CP-7556	28,000	0.9	6	21	1/4	3/8	87	6.8
CP-7562	23,000	0.9	6	21	1/4	3/8	87	3.6
CP-7563	23,000	0.9	6	21	1/4	3/8	87	4.4

Listed specifications are for reference only. Please check documents in each tool.

CHICAGO PNEUMATIC

Automotive Air Tools - Miscellaneous

ENGRAVING PEN

•Lightweight for easy operation •Fine point stylus for precise engraving •Cushion finger grip •Air consumption only 1 CFM •14000 blows per minute
Part No. CP-710.

Part No. CA156964, Replacement stylus.

LOW SPEED TIRE BUFFER

•Quick change slip chuck for fast and easy change of buffing wheel •Lock off throttle to prevent accidental start up •Rear exhaust directs air away from workpiece •Built in regulator matches speed to job •Applications: tire patchwork, roughing areas for recapping and cleaning tire moldings
Part No. CP-873.

GENERAL DUTY HIGH SPEED CUTTER

•Lock off throttle to prevent accidental start up •Rear exhaust directs air away from workpiece •Built in regulator matches speed to job •Applications: cutting through sheet metal, fiberglass, bolts, muffler clamps and hangers; also grinds down burrs and rough edges
Part No. CP-874.

PART NO.	STROKES PER MINUTE	WHEEL SIZE	MAX. RPM	WEIGHT (lbs.)	LENGTH (in.)	AVG. AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	MIN. HOSE SIZE (in.)	SOUND dBA PRESSURE	VIBRATION m/s^2
CP-710	14,000	-	-	1.13	5.25	2.7	1/4	1/4	65	10.5
CP-873	-	-	2800	2.25	8.25	13	1/4	3/8	98.3	<2.5
CP-874	-	2-7/8	22,000	1.75	7.25	12.5	1/4	3/8	99	4

Listed specifications are for reference only. Please check documents in each tool.

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Automotive Air Tools - Drills

1/4" MINI DRILL

•General purpose, non-reversible drill •Compact and light weight for easy handling •Planetary gearing with brass bushings for low wear and long life •Jacobs chuck 1/4" capacity •Double bearing spindle for low run out •Ergonomic rubber grip for comfort and control •Adjustable exhaust
Part No. CP-7300.

1/4" REVERSIBLE MINI DRILL

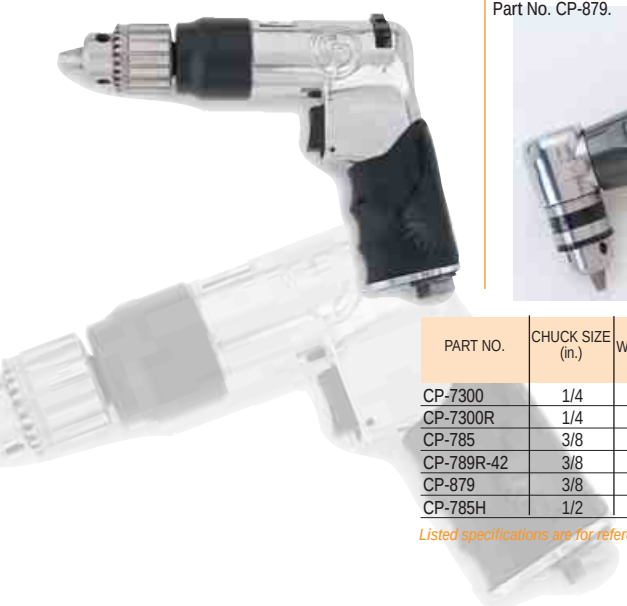
•Planetary gearing and brass bushings for great durability •Directional exhaust and rubber handle grip •Forward/reverse switch is small and out of the way for comfortable handling •¼ hp motor runs at 2700 rpm
Part No. CP-7300R.

3/8" GENERAL DUTY DRILL

•Powerful air motor resists stalls and conserves energy •Triple idler planetary gearing for smooth operation and extended tool life •Teasing throttle provides precise control •Handle exhaust reduces noise and directs air away from work •Applications: accessory and air conditioner installation, engine work and auto body repair
Part No. CP-785.

3/8" SUPER DUTY REVERSIBLE DRILL

•Teasing throttle provides precise control •Handle exhaust reduces noise and directs air away from work •Needle bearing gearing for improved durability •Oil free operation •Applications: small hole drilling, aluminum work
Part No. CP-789R-42.



3/8" REVERSIBLE ANGLE DRILL

•Compact, low profile head for drilling in confined areas •Convenient reverse valve for simple directional changes •Rear exhaust reduces noise and directs air away from work •Teasing throttle for control from start up through run down •Applications: screwdriving, drilling in hard to reach areas
Part No. CP-879.

1/2" GENERAL PURPOSE DRILL

•Side handle for added control and comfort •Triple planetary gearing for smooth operation and extended tool life •Teasing throttle provides precise control •Handle exhaust reduces noise and directs air away from work •Applications: drilling, hole sawing and cylinder honing
Part No. CP-785H.

PART NO.	CHUCK SIZE (in.)	WHEEL SIZE	MAX. RPM	WEIGHT (lbs.)	LENGTH (in.)	AVG. AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	MIN. HOSE SIZE (in.)	SOUND dBA PRESSURE	VIBRATION m/s^2
CP-7300	1/4	3/8	2800	1.35	5	4.1	1/4	3/8	86	<2.5
CP-7300R	1/4	3/8	2800	1.35	5	4.1	1/4	3/8	86	<2.5
CP-785	3/8	3/8	2400	2.25	7	4.13	1/4	3/8	96.8	2.5
CP-789R-42	3/8	3/8	4200	2.5	7	7.5	1/4	3/8	100.1	<2.5
CP-879	3/8	3/8	1800	2.25	8.25	5.25	1/4	3/8	94.9	<2.5
CP-785H	1/2	3/8	500	3	7.75	3	1/4	3/8	96.3	<2.5

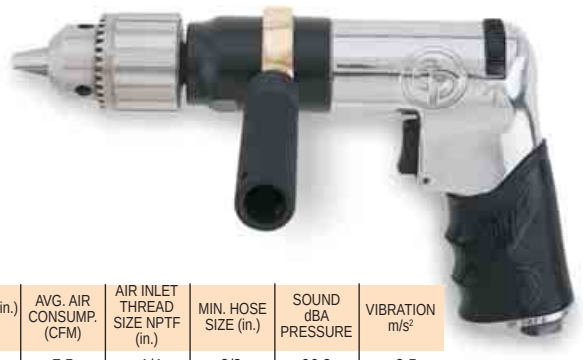
Listed specifications are for reference only. Please check documents in each tool.

Automotive Air Tools – Drills

1/2" SUPER DUTY REVERSIBLE DRILL

•Teasing throttle provides precise control •Handle exhaust reduces noise and directs air away from work •Needle bearing gearing for improved durability •Oil free operation •Applications: heavy drilling, reaming, hole sawing and jobs requiring a lot of torque

Part No. CP-789HR.



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PART NO.	CHUCK SIZE (in.)	WHEEL SIZE	MAX. RPM	WEIGHT (lbs.)	LENGTH (in.)	AVG. AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	MIN. HOSE SIZE (in.)	SOUND dBA PRESSURE	VIBRATION m/s^2
CP-789HR	1/2	3/8	500	3.25	8	7.5	1/4	3/8	96.3	<2.5

Listed specifications are for reference only. Please check documents in each tool.

Automotive Air Tools – Hammers

STANDARD DUTY ZIP GUN® HAMMER

•"Quick-Change" retainer for simple accessory changes •Impact parts heat treated for durability •Ergonomic handle for added operator comfort •Applications: muffler and pipe removal, body shop work, shock work, scraping rust, and light front end work

Part No. CP-711.

HEAVY DUTY ZIP GUN® HAMMER

•Most powerful hammer in its class •Longer piston strokes for more force per blow •Integral muffler minimizes exhaust sound •Applications: rivet and bolt cutting, bushing driving, and overall front end work

Part No. CP-715.

SUPER DUTY ZIP GUN® HAMMER

•Most powerful hammer for automotive, truck, off road equipment use •.498" diameter chisel shank to handle the extra power •Positive action trigger for precise speed control •Applications: front end work, king pin removal, and installation of bulldozer walking beam bushings, removal of truck anchor springs, heavy duty spring bushings

Part No. CP-717.

HEAVY DUTY SHOCK REDUCED AIR HAMMER

•Heavy duty •Powerful, yet economical for fast cutting action •Cushioned exhaust deflector on barrel for comfort and reduced vibration •Touch trigger for precision start ups and total control •Ideal for exhaust system work, bolt cutting, bushing driving, shearing and front end work •3,200 blows per minute

Part No. CP-7110. Heavy duty air hammer.

Part No. CP-7110K, Heavy duty air hammer kit - includes #CP7110, quick change retainer, 4 chisels and heavy duty carrying case.

PART NO.	SHANK OPENING (in.)	BORE DIAMETER (in.)	PISTON STROKE (in.)	WEIGHT (lbs.)	AVG. AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	MIN. HOSE SIZE (in.)	SOUND dBA PRESSURE	VIBRATION m/s^2	BLOWS PER MINUTE @ 90 PSI
CP-711	.401	3/4	2.63	3.5	3.4	1/4	3/8	105	15.2	3500
CP-715	.401	3/4	3.50	4.5	3.5	1/4	3/8	109	13.7	2100
CP-717	.498	3/4	2.69	4.75	3.13	1/4	3/8	95	13	1800
CP-7110	.401	3/4	2.63	3.7	3.5	1/4	3/8	98.3	9	3200

Listed specifications are for reference only. Please check documents in each tool.

100% Canadian.

CHICAGO PNEUMATIC
Automotive Air Tools - Specialty Tools

HEAVY DUTY SHEAR

•Triple idler planetary gearing for smooth operation and extended life •Powerful 1/2 hp air motor resists stalls and conserves energy •Ergonomic handle design for operator comfort •Heavy duty shear head provides long life and reliable cutting performance up to 18 gauge steel •Applications: cutting squares and angles in materials such as aluminum, tin and steel
Part No. CP-785S.

HEAVY DUTY NIBBLER

•Rugged nibbling head and .177" diameter punch cuts steel up to .060" (16 gauge) and aluminum up to .102" (10 gauge) •Easy access to punch and die for quick replacement •Possible to place die in four different cutting positions •Rear exhaust directs air away for work area •Applications: accurate cutting of steel and aluminum, best for tight corners and circles
Part No. CP-835.

HEAVY DUTY RECIPROCATING SAW

•Power at 10,000 strokes per minute allows you to quickly cut through material with ease •Lock off throttle for protection against accidental start ups •Adjustable guide offers flexibility in setting depth of cut •Rear exhaust directs air way from the work area •Ergonomic design for comfort and easy handling •Applications: cutting aluminum, plastic, fiberglass, wood, and sheet metal up to 16 gauge •Includes 1 each: 18T, 24T, 32T
Part No. CP-7900.

SUPER DUTY RECIPROCATING SAW

•Lowest vibration on the market •Power at 10,000 strokes per minute allows you to cut through material with ease •Adjustable guard/guide allows operator to set depth of cut •Ergonomic design for comfort and easy handling •Premium tool for body, exhaust and muffler work •9" in length, 1.9 lbs,
Part No. CP7901.
Part No. CP7901K, Heavy duty kit includes the CP7901 plus (5) each replacement blades: 18T, 24T, 32T packed in a heavy duty carrying case.

NEEDLE SCALER

•4600 blows per minute •Adjustable sleeve for job specific requirements •(19) 1/8" high wear resistant steel needles •Tool can easily convert from a needle scaler to a chisel scaler •1" bore diameter •1.18" piston stroke
Part No. CP-7120.

SCALER NEEDLE SET

Part No. 8940159860.

PART NO.	STROKES PER MIN.	WHEEL SIZE	MAX. RPM	WEIGHT (lbs.)	LENGTH (in.)	AVG. AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	MIN. HOSE SIZE (in.)	SOUND dBA PRESSURE	VIBRATION m/s²
CP-785S	2400	-	-	2.5	8.25	15.5	1/4	3/8	94.4	3.2
CP-835	2750	-	-	2.25	7.5	17	1/4	3/8	96.5	5.4
CP-7900	10,000	-	-	1.3	8.5	5.5 actual	1/4	3/8	92.3	20.1
CP-7901	10,000	-	-	1.9	9"	5.5 actual	1/4	3/8	88.3	4
CP-7120	4600 (blows)	-	-	6.2	-	3.13	1/4	3/8	95	13

Listed specifications are for reference only. Please check documents in each tool.

Automotive Air Tools - Hydraulic Riveter

AIR HYDRAULIC RIVETER- 3/16" CAPACITY

•Vacuum assist system designed for greater efficiency in downward riveting •Cylinder cap with storage area for spare nosepieces •Universal air inlet swivel to allow greater maneuverability •Three piece jaw set designed from the higest quality materials •Rubber boot protects tool and work surface •Comes complete with 1/8", 5/32" and 3/16" nosepieces
Part No. CP-883.

AIR HYDRAULIC RIVETER- 1/4" CAPACITY

•Vacuum assist system designed for greater efficiency in downward riveting •Cylinder cap with storage area for spare nosepieces •Universal air inlet swivel to allow greater maneuverability •Three piece jaw set designed from the higest quality materials •Rubber boot protects tool and work surface •Comes complete with 3/16" and 1/4" nosepieces
Part No. CP-884.

PART NO.	TRACTION POWER	RIVET CAPACITY (in.)	STROKE LENGTH (in.)	WEIGHT (lbs.)	ACTUAL AIR CONSUMP. (CFM)	AIR INLET THREAD SIZE NPTF (in.)	MIN. HOSE SIZE (in.)	SOUND dBA PRESSURE	VIBRATION m/s²
CP-883	1895	3/16	11/16	4	10	1/4	3/8	<85	<2.5
CP-884	3960	1/4	7/8	5.5	20	1/4	3/8	<85	<2.5

Listed specifications are for reference only. Please check documents in each tool.

Automotive Air Tools – Accessories

THREADED-MOUNTED JACOBS® DRILL CHUCKS

JACOBS CHUCK	PART NO.	CAPACITY in.	THREAD MOUNT	KEY PART NO.	KEY (JACOBS)
2B	CA-050082	0-3/8	3/8-24	29192	K2
MULTICRAFT	KF-124595	0-3/8	3/8-24	CA-121582	KGA
74K	KF-129512	0-3/8	3/8-24	CA-050101	KK
41B	S-039006	1/16-3/8	3/8-24	CA-050120	K30
22BA	C-142408	1/16-3/8	3/8-24	C-142411	KK
33B	CA-050090	5/64-1/2	1/2-20	CA-050122	K32
33B	S-066095	5/64-1/2	3/8-24	CA-050122	K32
24BA	C-142407	1/16-1/2	3/8-24	C-142411	K32
J10	CA-146490	0-3/8	3/8-24	KEYLESS	

UNIVERSAL SWIVEL JOINT

Part No. 8940158412.

AIR TOOL LUBRICANTS

Part No. P-089507, Airoilene Oil - highly refined oil for use in clean tools. Use in air line lubricators and in integral oil reservoirs provided on some tools. 3.8 litre.

Part No. CA-000046, Protecto-Lube - cleans out gum and deposits in air tools. 0.473 litre.

SAW BLADES FOR CP-7900

Part No. CA-146719, Pack of 5, 18 teeth per inch.
Part No. CA-146720, Pack of 5, 24 teeth per inch.
Part No. CA-146721, Pack of 5, 32 teeth per inch.

HAMMER ACCESSORIES FOR .401" SHANK HAMMERS

INDEX NO.	PART NO.	LENGTH mm	DESCRIPTION
1	A-046050	165	Rivet cutter
2	A-046063	180	Angle scaling chisel
3	A-046064	180	Diamond point chisel
4	A-046071	165	Twin blade panel (pipe) cutter
5	A-046073	180	Cold chisel
6	A-046074	180	Straight punch
7	A-046075	180	Spot weld splitter
8	A-046078	180	Tapered punch
9	A-046094	—	Zip-Quick retainer
10	A-046095	—	Quick-Change retainer
11	A-046096	—	Bee-Hive retainer

HAMMER ACCESSORIES FOR .498" SHANK HAMMERS

INDEX NO.	PART NO.	LENGTH mm	DESCRIPTION
1	A-047050	165	Rivet cutter
2	A-047051	180	Wide cutting chisel
3	A-047052	180	Bushing splitter
4	A-047057	180	Universal joint and tie rod tool
5	A-047059	180	1" separator fork
5	A-047060	180	3/4" separator fork
5	A-047061	180	1¼" separator fork
6	A-047071	180	Twin blade cutter
7	A-047073	165	Cold chisel
8	A-047074	180	Straight punch
9	A-047078	180	Tapered punch
10	A-047091	80	1¼" smoothing hammer
11	A-047095	—	Quick-Change retainer
12	A-047096	—	Bee-Hive retainer

2" GRINDING WHEEL

Replacement grinding wheels for CP7500.
Part No. 8940162768, 5 pack 2" x 60 grit grinding wheel.
Part No. 8940162769, 5 pack 2" x 80 grit grinding wheel.
Part No. 8940162770, 5 pack 2" x 120 grit grinding wheel.

Chicago Pneumatic

3/8" SUPER DUTY IMPACT WRENCH

•Tremendous power and longer life make this wrench the popular choice of professional mechanics for exhaust systems, air conditioning, radiators, body shop, and bench work •Up to 180 ft.-lbs. torque •Unaffected by air pressure changes •Pistol-style yet extremely compact and lightweight •Built-in power regulator prevents over-torquing •Handle exhaust
Part No. 212.

3/8" HEAVY DUTY IMPACT WRENCH

•For general service applications. It provides adjustable power output in forward and reverse with handle exhaust to direct air away from the operator and the work •Up to 160 ft.-lbs. torque •Two-piece housing for easy service •Comfortable ergonomic handle design
Part No. 215.

3/8" SUPER DUTY IN-LINE IMPACT WRENCH

•Handy for the small cramped spaces common to small engine repair and other general service work. The butterfly-style throttle valve lets you adjust speed smoothly in either direction in one continuous motion •Up to 175 ft.-lbs. torque •Contoured composite butterfly throttle for comfort and control •Recessed regulator dial
Part No. 216.

TNT TITANIUM 'N' TORQUE 3/8" ULTRA DUTY IMPACT WRENCH

•The answer to the mechanic's wish list. Powerful 3/8" impact, and the only one to use the rugged durability and strength of titanium. •Tougher: Titanium means this tool will stand up under the toughest environments •Stronger: Torque of 280 ft.-lbs. Highest power-to-weight ratio of all other 3/8" impacts •Smaller: 1.97" wide at the hammer case •Lighter: 2.4 lbs.
Part No. 2115TI.

1/2" SUPER DUTY IMPACT WRENCH

•Offers the sheer power and performance features to tackle the toughest jobs with ease - as well as proven durability and economy •Up to 425 ft.-lbs. torque •Exclusive Twin Hammer Plus impact mechanism •Pressure feed lubrication •Adjustable power regulator •Easy to service two-piece construction •Variable speed
Part No. 231C.

1/2" SUPER DUTY IMPACT WRENCH

•Enhanced Twin Hammer impact mechanism for more power, and in handle exhaust to direct air away from the operator and the work area •Up to 590 ft.-lbs. torque •Pressure feed lubrication •Variable power control in forward and reverse •Increased durability, quieter operation •More comfortable contoured handle
Part No. 231HA.
Part No. 231HA-2, with a 2" extended anvil.

1/2" SUPER DUTY THUNDER GUN IMPACT WRENCH

•The new Thunder Gun Street Legal was created for the professional mechanic. With 625 ft.-lbs. of torque, on shop air. Pit crew power, speed and durability. 10,000 rpm free speed, 1,250 blows per minute.
Part No. 232-TGSL.

1/2" HEAVY DUTY IMPACT WRENCH

•Easy to use forward/reverse power regulator •Durable single hammer impact mechanism •Professional touch tease trigger •Long life aluminum housing •Handle exhaust •Easy to service two-piece construction •7,400 rpm free speed
Part No. 236.

1/2" SUPER DUTY IMPACT WRENCH

•Bring out the "big gun" for tire-changing, shock and spring work, front end work, and other heavy automotive and truck work. The Twin Hammer Plus impact mechanism pumps to 500 ft.-lbs. torque at a free speed of 7000 rpm to get the job done fast •Powerful, with smooth, balanced blows •Good control: excellent balance and a variable speed trigger •More horsepower for extra torque output •Pressure feed lubrication system automatically greases the impact mechanism
Part No. 244A.
Part No. 244A-2, with a 2" extended anvil.

Gregg Distributors carries the complete line of Ingersoll-Rand Tools — Please consult your Gregg's Representative today!!

PART NO.	TYPE OF DUTY	DRIVE in.	BOLT CAP. in.	WORKING TORQUE RANGE ft.-lb. (Nm)	MAXIMUM TORQUE ft.-lb. (Nm)	AIR INLET NPTF in.	MIN. HOSE SIZE in.	WEIGHT lb.
212	Super duty	3/8	7/16	20-150 (27-204)	180 (245)	1/4	3/8	2.89
215	Heavy duty	3/8	7/16	15-300 (20-176)	160 (217)	1/4	3/8	2.89
216	Super duty	3/8	7/16	15-160 (20-217)	175 (232)	1/4	3/8	2.89
2115TI	Super duty	3/8	7/16	25-230 (34-311)	250 (339)	1/4	3/8	2.4
231C	Super duty	1/2	9/16	25-300 (34-408)	425 (578)	1/4	3/8	5.8
231HA	Super duty	1/2	9/16	25-300 (34-407)	590 (800)	1/4	3/8	5.8
231HA-2	Super duty	1/2	9/16	50-400 (68-542)	591 (800)	1/4	3/8	6.1
232-TGSL	Super duty	1/2	9/16	40-400 (55-542)	625 ft. lbs.	1/4	3/8	5.75
236	Heavy duty	1/2	1/2	25-200 (34-271)	450 (610)	1/4	3/8	5.3
244A	Super duty	1/2	5/8	40-350 (54-476)	500 (680)	1/4	3/8	6
244A-2	Super duty	1/2	5/8	40-350 (54-476)	500 (680)	1/4	3/8	6.28

Automotive Air Tools – Impact Wrenches

Ingersoll Rand

1/2" HEAVY DUTY IMPACT WRENCH

•Features a powerful twin hammer mechanism and a new composite housing, yielding superior ergonomics in a light-weight package •600 ft.-lbs. of maximum torque •Full stroke tease throttle •Multi position power management •Easy glide forward/reverse •60° swivel inlet •Free speed of 9,500 rpm •Lightweight reinforced aluminum hammercase

Part No. 2130.

Part No. 2130-2, with a 2" extended anvil.

1/2" TITANIUM DUTY MINI AIR IMPACT WRENCH

•The world's most powerful and compact ½" impact •270 ft.-lbs. of maximum torque will remove even the toughest nuts and bolts •Streamlined titanium hammer case allows the user to access fasteners that other bulky impacts can't reach •15,000 rpm

Part No. 2125QTI.

1/2" TITANIUM DUTY AIR IMPACT WRENCH

•780 ft.-lbs. maximum reverse torque from a tool weighting less than 4 lbs. — that's the best power-to-weight ratio in its class •Feather touch trigger, wider range of power regulator settings in forward, always maximum power in reverse, patented one-hand forward/reverse control •Features patented Quiet Tool technology, which reduces sound levels caused by air pulsating through the impact motor, without compromising best-in-class torque levels

Part No. 2135QTIMAX.

Part No. 2135QTI-2MAX, With a 2" extended anvil.

1/2" TITANIUM 'N' TORQUE ULTRA DUTY IMPACT WRENCH

•780 ft.-lbs. maximum reverse torque from a tool weighting less than 4 lbs. — that's the best power-to-weight ratio in its class •Feather touch trigger, wider range of power regulator settings in forward, always maximum power in reverse, patented one-hand forward/reverse control •Delivers 1,100 ft.-lbs. of nut busting torque (tool will loosen a nut tightened to 1,100 ft.-lbs. in 6 seconds)

Part No. 2135TIMAX.

Part No. 2135TI-2MAX, With a 2" extended anvil.

3/4" STANDARD DUTY IMPACT WRENCH

•For engine teardowns or general maintenance. This is a good lightweight 3/4" wrench with a high power rating for its compact size •Full power in reverse; 3-position adjustable power in forward •Up to 750 ft.-lbs. torque •Handle exhaust •Integral 360° swivel inlet •Lightweight and easy to operate •Long, trouble free life insured by oil bath lubrication

Part No. 252.

3/4" HEAVY DUTY IMPACT WRENCH

•Incorporates the forward/reverse valve into the easy to use power regulator on the back cap. It delivers 900 ft.-lbs. of maximum torque for work on trucks, heavy equipment, agricultural machinery, and similar tasks, yet adds the flexibility of a three position power regulator to more precisely tailor power output •Full power in reverse; adjustable power in forward •Handle exhaust •Integral 360° swivel inlet •Excellent power to weight ratio

Part No. 258.

3/4" SUPER DUTY IMPACT WRENCH

•Combines compact size with high output, which makes it perfect for everything from spring work to pinion nut and track pad removal and major engine teardowns •Up to 1100 ft.-lbs. torque •Jumbo hammer mechanism •Trouble free, longer per-formance aided by the Pressure Feed Lube System •Compact and only 7-5/8" long •Handle exhaust

Part No. 261.

Part No. 261-3, with a 3" extended anvil.

Part No. 261-6, with a 6" extended anvil.

3/4" ULTRA DUTY IMPACT WRENCH

•Delivers best power to weight ratio and best size ratio in its class. Great maneuverability for tight, awkward spaces •Up to 1200 ft.-lbs. torque •Twin Hammer Plus mechanism for 30% greater durability •Contoured professional touch trigger and ergonomically designed handle for increased comfort

Part No. 2141.

3/4" ULTRA DUTY IMPACT WRENCH

•Combines a six vane high output air motor, through-bolt construction, ergonomic handle and housing design to create an impact tool that offers increased power and durability •Up to 1250 ft.-lbs. torque •Full power reverse •3 position power regulator •360° swivel inlet

Part No. 2161XP.

Part No. 2161XP-6, with a 6" extended anvil.

PART NO.	TYPE OF DUTY	DRIVE in.	BOLT CAP. in.	WORKING TORQUE RANGE ft.-lb. (Nm)	MAXIMUM TORQUE ft.-lb. (Nm)	AIR INLET NPTF in.	MIN. HOSE SIZE in.	WEIGHT lb.
252	Standard duty	3/4	1	100-500 (136-680)	750 (1020)	3/8	1/2	8.6
258	Heavy duty	3/4	1	200-700 (272-952)	900 (1224)	3/8	1/2	10.77
261	Super duty	3/4	1	200-900 (272-1224)	1100 (1496)	3/8	1/2	12.4
261-3	Super duty	3/4	1	200-900 (272-1224)	1100 (1496)	3/8	1/2	13
261-6	Super duty	3/4	1	200-900 (272-1224)	1100 (1496)	3/8	1/2	13.7
2130	Heavy duty	1/2	9/16	50-500 (68-680)	600 (814)	1/4	3/8	4.2
2130-2	Heavy duty	1/2	9/16	50-500 (68-680)	600 (814)	1/4	3/8	4.5
2125QTI	Titanium duty	1/2	7/16	25-230	270 (366)	1/4	3/8	2.5
2135QTIMAX	Titanium duty	1/2	9/16	50-550 (68-746)	780 (1054)	1/4	3/8	3.95
2135QTI-2MAX	Titanium duty	1/2	9/16	50-550 (68-746)	780 (1054)	1/4	3/8	3.95
2135TIMAX	Ultra duty	1/2	9/16	50-550 (68-746)	780 (1054)	1/4	3/8	3.95
2135TI-2MAX	Ultra duty	1/2	9/16	50-550 (68-746)	780 (1054)	1/4	3/8	3.95
2141	Ultra duty	3/4	1	200-900 (271-1220)	1200 (1627)	3/8	1/2	7
2161XP	Ultra duty	3/4	1	300-1000 (407-1356)	1250 (1695)	3/8	1/2	11.8
2161XP-6	Ultra duty	3/4	1	300-1000 (407-1356)	1250 (1695)	3/8	1/2	13.1

Ingersoll Rand

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100% Canadian.

1" SUPER DUTY IMPACT WRENCH

•Combines a very compact size with high power output, making it ideal for tire changing, spring work, pinion nut and tractor pad removal, and shock work •Up to 1100 ft.-lbs. torque •Pressure Feed Lube System for longer service life •Dead handle improves operator control

Part No. 271.

1" SUPER DUTY IMPACT WRENCH

•Here's the ultimate in quality, the 1" drive wrench with 1600 ft.-lbs. torque to handle tough jobs in cramped spaces •Built-in Pressure Feed Lube System •The side handle adjusts to suit you •Built-in oil reservoir provides continuous misting of the air motor

Part No. 280.

Part No. 280-6, with a 6" extended anvil.

Part No. 280-S6, with a standard 6" extended #5 spline drive anvil.

1" ULTRA DUTY IMPACT WRENCH

•Combines a six vane high output air motor, through-bolt construction, ergonomic handle and housing design to create an impact tool that offers increased power and durability •Up to 1250 ft.-lbs. torque •High power to weight ratio •Full power reverse •3 position power regulator •360° swivel inlet

Part No. 2171XP.

1" HEAVY DUTY IMPACT WRENCH

•Combines exceptional power, durability, and operator convenience. It delivers 1450 ft.-lbs. of maximum torque, with a 5000 rpm free speed and high efficiency, 6 vane motor. The integral 360° swivel inlet makes kinked hoses a thing of the past, and along with the swept-back side handle, provides excellent maneuverability •Superior balance; "angled-down" exhaust •High efficiency 6 vane air motor •Three position power regulator

Part No. 285B.

Part No. 285B-6, with a 6" extended anvil.

Part No. 285BS-6, with a standard 6" extended #5 spline drive anvil.

1" SUPER DUTY IMPACT WRENCH

•Designed for getting into cramped spaces with big power. Has a three way adjustable handle. It's a good choice for spring work, tractor pads, bus maintenance, and off road and farm equipment •Up to 1600 ft.-lbs. of torque •Pressure Feed Lube System for long life •Adjustable side handle for better control

Part No. 290.

Part No. 290-S, A standard #5 short spline drive anvil and the other quality features of the #290.

1" SUPER DUTY IMPACT WRENCH

•Powerful 1" wrench for spring work, tractor pads, bus maintenance, and off road and farm equipment work. The built in Pressure Feed Lube System protects the unique Twin Hammer Impact mechanism as it delivers the ultimate in power •Up to 2000 ft.-lbs. of torque •Long lasting tool •Handle exhaust

Part No. 293.

Part No. 293-S, A standard #5 short spline drive anvil and the other quality features of the #293.

1" HEAVY DUTY IMPACT WRENCH

•Perfect for truck and heavy equipment maintenance. Compact and lightweight, and perfect for working on suspension components, tractor pads, and other big capacity general repair functions •Up to 1450 ft.-lbs. of torque •Handle exhaust •Top mounted dead handle •3 position power regulator provides torque management

Part No. 295A.

PART NO.	TYPE OF DUTY	DRIVE in.	BOLT CAP. in.	WORKING TORQUE RANGE ft.-lb. (Nm)	MAXIMUM TORQUE ft.-lb. (Nm)	AIR INLET NPTF in.	MIN. HOSE SIZE in.	WEIGHT lb.
271	Super duty	1	1-1/4	200-900 (272-1224)	1100 (1496)	3/8	1/2	12.5
2171XP	Ultra duty	1	1	300-1000 (408-1360)	1250 (1695)	1/2	1/2	13.1
280	Super duty	1	1-1/4	150-1000 (204-1360)	1600 (2176)	1/2	1/2	22
280-6	Super duty	1	1-1/4	150-1000 (204-1360)	1600 (2176)	1/2	1/2	23.8
280S-6	Super duty	1	1-1/4	150-1000 (204-1360)	1600 (2176)	1/2	1/2	23.8
285B	Heavy duty	1	1-1/4	100-1000 (136-1360)	1450 (1972)	1/2	1/2	22
285B-6 / -S6	Heavy duty	1	1-1/4	100-1000 (136-1360)	1450 (1972)	1/2	1/2	25.2
290 / 290S	Super duty	1	1-1/4	150-1000 (204-1360)	1600 (2176)	1/2	1/2	21.9
293 / 293S	Super duty	1	1-3/8	1000-1600 (1360-2176)	2000 (2720)	1/2	1/2	22.8
295A	Heavy duty	1	1-1/4	100-1000 (136-1360)	1450 (1972)	3/8	1/2	22

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Automotive Air Tools – Impact Wrenches

Ingersoll Rand

1" TITANIUM DUTY IMPACT WRENCH

•2190 Series is the answer to the professional mechanic's wish list: •TOUGHER - Titanium means this tool will stand up under the toughest environments •MORE DURABLE - The extended, robust anvil bushing provides long life under heavy shop usage •LIGHTER - Titanium hammercase weighs less and provides greater durability •Ergonomic "Chainsaw" handle and grip for better control and comfort •Power regulator •7 vane motor delivers up to 1600 ft.-lbs. of torque, 6800 RPM free speed
Part No. 2190TI.
Part No. 2190TI-6, with a 6" extended anvil.
Part No. 2190DTI-6, with a traditional "D" handle and 6" extended anvil.

2190TI-6

2190DTI-6

PART NO.	TYPE OF DUTY	DRIVE in.	BOLT CAP. in.	WORKING TORQUE RANGE ft.-lb. (Nm)	MAXIMUM TORQUE ft.-lb. (Nm)	AIR INLET NPTF in.	MIN. HOSE SIZE in.	WEIGHT lb.
2190TI	Titanium duty	1	1-1/4	150-1200 (204-1632)	1650 (2238)	1/2	1/2	14
2190TI-6	Titanium duty	1	1-1/4	150-1200 (204-1632)	1650 (2238)	1/2	1/2	16
2190DTI-6	Titanium duty	1	1-1/4	150-1200 (204-1632)	1650 (2238)	1/2	1/2	16

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Tool Rating System

Standard Duty
Durable tool used for general shop applications. Good balance between performance and value.

Heavy Duty
A high quality tool that delivers more power and added features for more demanding applications.

Super Duty
Top quality tools, exceeding all requirements for all demanding applications. Engineered with special features for top power, speed control, accuracy, and comfort.

Ultra Duty
An exceptional, new technology tool that redefines the standards of performance.

Automotive Air Tools – Ratchets

1/4" STUBBY STANDARD DUTY RATCHET WRENCH

•Excellent for body shop repair jobs and light duty work under the dashboard •20 ft.-lbs. maximum torque •Only 6½" long •Lightweight
Part No. 103A.

3/8" STUBBY STANDARD DUTY RATCHET WRENCH

•Same specifications as the #103A model, but with 3/8" drive.
Part No. 1033A.

1/4" TITANIUM DUTY RATCHET WRENCH

•Gets in and out of tight spaces easily, has a convenient forward and reverse switch and an enhanced head design that prevents spreading and contamination •Exclusive Titanium Flathead™ design for durability and long life •Remote forward and reverse switch for easy one handed operation •25 ft.-lbs. of maximum torque; 225 rpm
Part No. 1215TI.

3/8" HEAVY DUTY RATCHET WRENCH

•Delivers an extra measure of durability with an advanced head design, plus a host of other features •50 ft.-lbs. maximum torque •Variable speed lever style throttle •360° adjustable exhaust directs air away from the operator and the work
Part No. 107XPA.

1/2" HEAVY DUTY RATCHET WRENCH

•Same specifications as the #107XPA model, but with 1/2" drive.
Part No. 1077XPA.

3/8" SUPER DUTY RATCHET WRENCH

•This is the fastest ratchet in its class, with an optimized gear ratio and airflow to extra performance, coupled with exceptional durability •70 ft.-lbs. maximum torque at 300 rpm free speed •Exclusive Twin Pawl Plus™ head design for exceptional durability •360° adjustable exhaust directs air away from the operator and the work
Part No. 109XPA.

1/2" SUPER DUTY RATCHET WRENCH

•Same specifications as the #109XPA model, but with 1/2" drive.
Part No. 1099XPA.

PART NO.	TYPE OF DUTY	DRIVE in.	BOLT CAP. in.	WORKING TORQUE RANGE ft.-lb. (Nm)	MAXIMUM TORQUE ft.-lb. (Nm)	AIR INLET NPTF in.	MIN. HOSE SIZE in.	WEIGHT lb.
103A/1033A	Standard duty	1/4 \ 3/8	3/8	5-20 (7-27)	20 (27)	1/4	1/4	1.1
1215TI	Titanium duty	1/4	3/8	5-25 (7-34)	25 (34)	1/4	3/8	1.5
107XPA/1077XPA	Heavy duty	3/8 \ 1/2	3/8	10-45 (14-61)	50 (68)	1/4	5/16	2.49
109XPA/1099XPA	Super duty	3/8 \ 1/2	3/8	10-60 (14-81)	70 (95)	1/4	5/16	3.1

4½" SUPER DUTY ANGLE GRINDER

•Perfect choice for high performance finishing. Unique motor controller eliminates over speeding. With a .8HP motor to provide plenty of power for rust and material removal •Rear exhaust •Composite grip for improved comfort •Locking lever with tease throttle •Lightweight design •Spindle thread 5/8" - 11 UNC

Part No. 3445.

HEAVY DUTY DUAL ACTION QUIET SANDER - 6" PAD

•A built in silencer muffles noise as you work with this economical dual action sander. Used for feather edging, and finish work on body filler. The orbital motion is used for fine swirl free finishes •Vibration free performance •Dual action pad •Balanced ball bearing construction •Built in speed regulator

Part No. 311A.

HEAVY DUTY ORBITAL SANDER - 3-2/3" X 6¾" PAD

•Orbital sander has a free speed up to 8000 rpm to make fast work of smoothing fiberglass, wood, and body filler and to take care of any sanding job on paint, metal, and fiberglass. And you can use it with one hand, using the compact, contoured palm grip •Vibration free performance •Balanced ball bearing construction •Built in speed regulator •Positive locking clamps

Part No. 312A.

HEAVY DUTY ANGLE SANDER - 7" PAD

•With up to 5000 rpm free speed, you can work faster on light and heavy sanding jobs, including roughing body filler, removing rust, and smoothing welds •Heavy duty motor handles tough jobs •Lightweight •Ball bearing construction for long life

Part No. 313A.

HEAVY DUTY TWIN PISTON STRAIGHT LINE SANDER - 2¾" X 17½" PAD

•The twin piston design keeps extra power in reserve to prevent stalling and tackle sanding jobs like smoothing down body filler or shaping and leveling large flat surfaces •3000 reciprocating strokes per minute •Quick action paper clamps •Smooth, reliable power

Part No. 315.

HEAVY DUTY HIGH-SPEED SANDER - 5" PAD

•For small jobs and hard to reach places. Ideal for light sanding, feather edging, and rust removal •Easy to handle, compact and lightweight •Built in power regulator •Comes with three backing pads (3", 4", 5" stackable)

Part No. 317A.

HEAVY DUTY VERTICAL SANDER - 7" PAD

•Made to handle demanding jobs like rust removal and sanding metal and body filler. Comes complete with 7" backing pad •Longer gear life plus better gearing for better power •Planetary gear reduction feature •Lever throttle for speed control •Handle exhaust directs air away from work area

Part No. 319A.

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HEAVY DUTY GEARED ORBITAL SANDER - 8" PAD

•The smooth strength and power of this air geared orbital sander lets you remove heavy material and body filler on large, flat surfaces leaving a clean, swirl free finish •Dual action motion (5/32" orbit) •A long life, vibration free performance •Balanced ball bearing construction

Part No. 328B.

ULTRA DUTY VACUUM-READY RANDOM ORBITAL SANDER - 6" PAD

•This vacuum ready, low vibration model produces an ultra high quality finish and connects easily to central or portable vacuum systems. The #4151 extracts dust and particles through and around the pad keeping foreign matter away from the motor. The vacuum sanding pad features a unique design and large 1/2" diameter holes for efficient operation. Virtually all dust is instantly channeled away from the work •12000 rpm free speed •Interchangeable grip rings available to match operator hand size

Part No. 4151.

ULTRA DUTY VACUUM READY RANDOM ORBITAL SANDER

•Same specifications as the #4151 model, but with a 5" pad.

Part No. 4151-5.

ULTRA DUTY RANDOM ORBITAL SANDER

•Same specifications as the #4151 model, but with a Hook & Loop style pad.

Part No. 4151-HL.

PART NO.	TYPE OF DUTY	PAD DIAMETER (in.)	FREE SPEED RPM	MOTOR HP	AIR INLET NPTF in.	MIN. HOSE SIZE in.	WEIGHT lb.
3445	Super Duty	4½	12000	.8	1/4	3/8	3.7
311A	Heavy Duty	6	10000	.25	1/4	3/8	4.2
312A	Heavy Duty	3-2/3 x 6¾	8000	.30	1/4	3/8	4.6
313A	Heavy Duty	7	5000	N/A	1/4	3/8	4.2
315	Heavy Duty	2¾ x 17½	3000	N/A	1/4	3/8	6.6
317A	Heavy Duty	5	18000	N/A	1/4	3/8	2.3
319A	Heavy Duty	7	5000	N/A	1/4	3/8	4.5
328B	Heavy Duty	8	825	.25	1/4	3/8	4.7
4151 #'s	Ultra Duty	6	12000	.20	1/4	5/16	1.92

Automotive Air Tools - Sanders & Polishers

Ingersoll Rand

ULTRA DUTY VACUUM-READY TWO-HANDED RANDOM ORBITAL SANDER

•Extra long handle and high speed/low vibration performance provides superior control and flawless finishes •Converts easily to vacuum operation •0.20 hp motor •6" pad diameter •12,000 rpm free speed •¼" air inlet and 5/16" min hose size •Weighs 1.92 lbs.
Part No. 4151-2.

ULTRA DUTY VACUUM-READY RANDOM ORBITAL SANDER

•Fine 3/32" orbit sander helps set the standard for high quality paint finishes •Utilizes a precision ground counterbalance to reduce vibration •Lubrication-free motor package eliminates worry of exhaust contaminants •0.20 hp motor •6" pad diameter •12,000 rpm free speed •¼" air inlet and 5/16" min hose size •Weighs 1.92 lbs.
Part No. 4152.
Part No. 4152-HL, Same as #4152 except with a hook and loop style pad.

HEAVY DUTY ANGLE POLISHER/BUFFER - 7" PAD

•A versatile tool with a high free speed range of 1500 - 2500 for buffing and polishing a wide range of surfaces - paint, metal, and plastic - to a high gloss, professional finish •Long life, ball bearing construction •Dead handle and spindle for easy handling •Built-in regulator •Up to 2500 rpm in free speed
Part No. 314A.

HEAVY DUTY VERTICAL POLISHER/BUFFER - 7" PAD

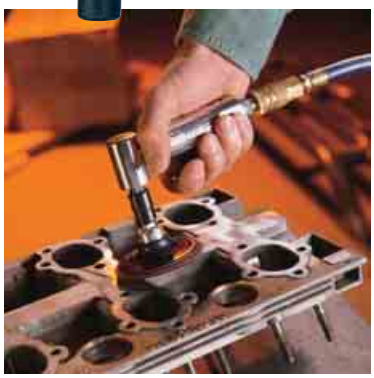
•Buff and polish all painted surfaces easily. This compact, lightweight vertical polisher/buffer gives you the results you want, even on the tough jobs. The variable speed control lever throttle helps eliminate paint burning. Comes complete with a 7" backing pad •Long tool life from the planetary gear reduction feature •Handle exhaust directs air away from work area
Part No. 318A.

PART NO.	TYPE OF DUTY	PAD DIAMETER (in.)	FREE SPEED RPM	MOTOR HP	AIR INLET NPTF in.	MIN. HOSE SIZE in.	WEIGHT lb.
4151-2	Ultra Duty	6	12,000		1/4	5/16	1.92
4152/-HL	Ultra Duty	6	12,000		1/4	5/16	1.92
314A	Heavy Duty	7	2500		1/4	3/8	4.2
318A	Heavy Duty	7	2800		1/4	3/8	4.5

Automotive Air Tools - Grinders

STANDARD DUTY MULTI-PURPOSE ANGLE DIE GRINDER

•Use it for grinding, edge-breaking, deburring, porting, and polishing. Wherever space is tight, its right-angle configuration provides easy access •Compact, lightweight, easy to handle •Self-locking throttle •Ball bearing construction for durability •Precision machined gearing delivers maximum power transfer
Part No. 301.



SURFACE CONDITIONING KITS

•Ingersoll-Rand has packed the #301 in a strong, blowmolded plastic case along with four coarse and four medium grit 2" 3M Roloc™ surface conditioning pads and a disc holder
Part No. 301-2MK.

•Ingersoll-Rand has packed the #301 in a strong, blowmolded plastic case along with four coarse and four medium grit 3" 3M Roloc™ surface conditioning pads and a disc holder
Part No. 301-3MK.

•Ingersoll-Rand has packed the #301 in a strong, blowmolded plastic case along with two coarse and two medium grit 3" 3M Roloc™ surface conditioning pads, two coarse, two medium grit 2" 3M Roloc™ surface conditioning pads and a disc holder
Part No. 301-32MK.

301-3MK

301-32MK

DIE GRINDER KIT

•Ingersoll-Rand has packed the #301 in a strong, blowmolded plastic case complete with 10 mounted grinding tips
Part No. 301-K.

301-K

PART NO.	TYPE OF DUTY	COLLET SIZE in.	FREE SPEED rpm	AIR INLET NPTF in.	MIN. HOSE SIZE in.	WEIGHT lb.
301	Standard Duty	1/4	20000	1/4	3/8	.99

Gregg Distributors carries the complete line of Ingersoll-Rand Tools — Please consult your Gregg's Representative today!!

Ingersoll Rand

100% Canadian.

HEAVY DUTY ANGLE DIE GRINDER

•Economical die grinder with a right angle head. It's compact and well designed for grinding, porting, polishing, deburring, and breaking sharp edges •Durable and long lasting •Self-locking throttle •Ball bearing construction •Precision machined gearing delivers maximum power transfer •Positive grip 1/4" capacity collet chuck
Part No. 302A.

STANDARD DUTY MINI DIE GRINDER

•Performance and versatility in a lightweight, compact package. It can be used with all types of accessories for grinding, porting, polishing, deburring, and breaking sharp edges •Front exhaust helps keep work surface clean •Safety lever prevents accidental starts •Standard 1/4" capacity collet chuck
Part No. 307A.

DIE GRINDER KIT

•Ingersoll-Rand has packed the #307A in a strong, blowmolded plastic case complete with 10 mounted grinding tips
Part No. 307-K.

HEAVY DUTY DIE GRINDER

•Economical die grinder offering longer life and higher free speed at 25000 rpm. A general purpose tool designed for porting, light weld grinding, and breaking sharp edges •Durable and long lasting •Self-locking throttle •Ball bearing construction •Positive grip 1/4" capacity collet chuck •Comes with two collet wrenches
Part No. 308A.

SUPER DUTY RIGHT ANGLE AIR DIE GRINDER

•Powerful 1/3 horsepower motor •Lightweight yet durable design •All ball bearing construction •Safety release throttle •Positive grip ¼" capacity collet chuck •Ergonomic and durable composite housing •Multi-positional head •Free speed 20,000 rpm •Weighs 1.27 lbs. •¼" air inlet and 3/8" min. hose size
Part No. 3102.

SUPER DUTY AIR DIE GRINDER

•Powerful 1/3 horsepower motor •Lightweight yet durable design •All ball bearing construction •Safety release throttle •Positive grip ¼" capacity collet chuck •Ergonomic and durable composite housing •Free speed 25,000 rpm •Weighs 1.27 lbs. •¼" air inlet and 3/8" min. hose size
Part No. 3108.

HEAVY DUTY CUT-OFF TOOL

•Exhaust replacement is this powerful tool's specialty. Now you can cut off mufflers and tail pipes quickly, efficiently, and quietly. It has an 18000 rpm motor that can handle the toughest exhaust replacements and cut sheet metal, nuts and bolts •3/8" arbor x 2-7/8" wheel size •Built in speed regulator •360° rotatable chrome plated spark guard
Part No. 326.

HEAVY DUTY HIGH-SPEED TIRE BUFFER

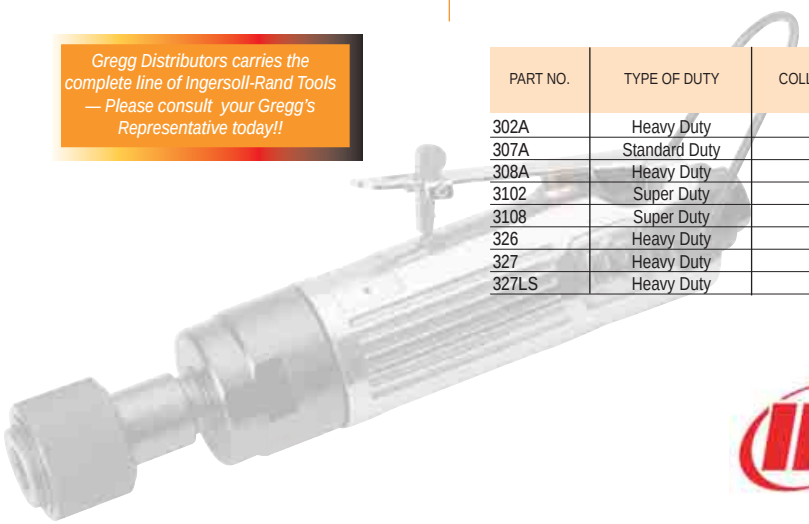
•With a free speed up to 22000 rpm and powerful 1/2-hp motor, the #327 will make quick work of patchwork and roughing up low areas for recapping, tire scuffing and cleaning tire moldings •Lever throttle for easy operation •Rear exhaust keeps air away from you and your work
Part No. 327.

HEAVY DUTY LOW-SPEED TIRE BUFFER

•The ideal tool for every tire shop. The quick change chuck, built-in regulator and lever style throttle make patchwork, roughing areas for recapping and cleaning tire moldings a breeze •Lever style tease trigger with lock-off for easy operation •Quick change chuck for easy buffing wheel change •Piped-away exhaust (included) blows air away from work area
Part No. 327LS.

Gregg Distributors carries the complete line of Ingersoll-Rand Tools — Please consult your Gregg's Representative today!!

PART NO.	TYPE OF DUTY	COLLET SIZE in.	FREE SPEED rpm	AIR INLET NPTF in.	MIN. HOSE SIZE in.	WEIGHT lb.
302A	Heavy Duty	1/4	18000	1/4	3/8	.97
307A	Standard Duty	1/4	27000	1/4	3/8	.69
308A	Heavy Duty	1/4	25000	1/4	3/8	1.16
3102	Super Duty	1/4	20000	1/4	3/8	1.27
3108	Super Duty	1/4	25000	1/4	3/8	1.27
326	Heavy Duty	N/A	18000	1/4	3/8	2.3
327	Heavy Duty	N/A	22000	1/4	3/8	1.6
327LS	Heavy Duty	N/A	3000	1/4	3/8	1.13



Ingersoll-Rand

Automotive Air Tools – Screwdrivers

STANDARD DUTY PISTOL-GRIP REVERSIBLE SCREWDRIVER

•Excellent choice for soft draw applications. This tool is well suited for service work on HVAC systems, instrument panels, and trim components. It delivers reliable performance for driving of sheet metal, self tapping, and wood screws •Positive action clutch, for full torque throughout rundown •Convenient one-handed operation, with reverse control at trigger •Variable speed throttle •Through handle exhaust

Part No. 371.

Automotive Air Tools – Drills

3/8" HEAVY DUTY DRILL

•Includes high quality features for general drilling and hole sawing jobs. The planetary gear reduction balances the load on bearings and gears for increased tool life •Variable speed throttle •Lightweight, compact drill •Handles smoothly

Part No. 7802A.

3/8" HEAVY DUTY REVERSIBLE DRILL

•For all your general purpose drilling, honing, reaming, and hole sawing. With its reversible 1/2 hp motor, you can also drive and remove screws, including backing out tight screws without a struggle •Reversible motor with a quick reverse lever •Variable speed throttle for starting holes easily •Handles smoothly, a lightweight, compact drill

Part No. 7802RA.

Part No. 7802RAKC, Same specifications as the #7802RA model, but with keyless chuck for fast and easy bit changing.

1/2" HEAVY DUTY DRILL

•Designed for drilling, hole sawing, cylinder honing, and any other job that calls for a 1/2" size. Its quality features for long life, include the industrial grade 1/2" chuck, ball and needle bearing construction, and double reduction planetary gearing •No-load speed of 500 rpm •Auxiliary side handle

Part No. 7803A.

1/2" HEAVY DUTY REVERSIBLE DRILL

•A powerful choice for drilling, honing, reaming, and hole sawing. The reversible motor lets you drive and remove screws, even the tightest screws back out with ease under the force of the 1/2 hp motor •Quick reverse lever •Variable speed throttle •Heavy duty ball and needle bearing •Planetary gear reduction balances the load

Part No. 7803RA.

Part No. 7803RAKC, Same specifications as the #7803RA model, but with keyless chuck for fast and easy bit changing.

3/8" STANDARD DUTY REVERSIBLE DRILL

•Excellent choice for service work requiring a compact, low profile angle head. It's a durable, reliable tool for drilling in all types of materials, including sheet metal, wood, and composites •Durable Jacobs multi-craft chuck •Reversible, with convenient control •Comfortable lever throttle •Grease plug for easy preventative maintenance •Precision machine gearing ensures maximum power transfer and durability

Part No. 7807R.

PART NO.	TYPE OF DUTY	CHUCK SIZE in.	FREE SPEED rpm	WEIGHT lb.
371	Standard Duty	1/4	1800	2.54
7802A	Heavy Duty	3/8	2500	2.4
7802RA	Super Duty	3/8	2000	2.5
7802RAKC	Super Duty	3/8	2000	2.5
7803A	Heavy Duty	1/2	500	3.2
7803RA	Heavy Duty	1/2	400	3.3
7803RAKC	Heavy Duty	1/2	400	3.3
7807R	Standard Duty	3/8	1800	2.47

All drills have an Air Inlet of 1/4", and Minimum Hose Size is 3/8".

Gregg Distributors carries the complete line of Ingersoll-Rand Tools — Please consult your Gregg's Representative today!!

Ingersoll Rand

100% Canadian.

STANDARD DUTY AIR HAMMER

•Economical high speed air hammer, is designed for light exhaust system work and general cutting, chipping and scraping •Up to 5000 blows per minute •Alloyed steel barrel and heat treated piston for longer life •Built in power regulator and trigger control

Part No. 115.

STANDARD DUTY AIR HAMMER

•Economical air hammer for fast cutting action, especially for medium exhaust systems, panel cutting, and general repair work •Up to 3500 blows per minute •Handles a range of cutting applications •Longer life alloyed steel barrel and heat treated piston

Part No. 116.

Part No. 116K, Air Hammer Kit - includes air hammer #116 and five piece chisel kit. Kit includes: edging tool, tail pipe cutter, straight chisel, cutting chisel and punch.

STANDARD DUTY AIR HAMMER

•Economical air hammer with a longer piston stroke, this tool is designed for exhaust work, bolt cutting, and front end work. The trigger control and a built in power regulator give you full control of the speed and power •Up to 2000 blows per minute •Longer stroke piston •Alloyed steel barrel and heat treated piston for longer life

Part No. 117.

Part No. 117K, Air Hammer Kit - includes air hammer #117 and five piece chisel kit. Kit includes: edging tool, tail pipe cutter, straight chisel, cutting chisel and punch.

SUPER DUTY AIR HAMMER

•Make fast work of body panel crimping and cutting, bushing driving, shearing and general front end work with this air hammer •3000 blows per minute •Professional touch trigger for total control •Long life tool with a tough one piece alloy barrel •Easy to maintain, with an "easy out" throttle valve assembly

Part No. 121.

Part No. 121-K6, Air Hammer Kit - includes air hammer #121 and six chisels and a blow-molded plastic case complete with a removable lid.

STANDARD DUTY NEEDLE SCALER

•For surface preparation work involving the cleaning or removal of paint, rust, dirt, or weld slag •19 needles •Each needle 1/8" •4600 blows per minute at free speed

Part No. 125.

SUPER DUTY AIR HAMMER

•Professionals who want the best choose this tool for front end work, heavy exhaust work, riveting, king pin removal, bushing driving, and bolt shearing •Extra sensitive tease throttle controls starting strokes •Up to 1725 blows per minute •Longer stroke piston

Part No. 132.

PART NO.	TYPE OF DUTY	SHANK OPENING in.	BORE DIA. in.	BLOWS PER MIN. @90 PSI	AIR INLET NPTF in.	MIN. HOSE SIZE in.	WEIGHT lb.
115	Standard Duty	.401	3/4	5000	1/4	3/8	2.6
116	Standard Duty	.401	11/16	3500	1/4	3/8	3.4
117	Standard Duty	.401	11/16	2000	1/4	3/8	4.1
121	Super Duty	.401	3/4	3000	1/4	3/8	3.5
125	Standard Duty	-	1	-	1/4	5/16	6.22
132	Super Duty	.401	9/16	1725	1/4	5/16	3.4

Gregg Distributors carries the complete line of Ingersoll-Rand Tools — Please consult your Gregg's Representative today!!

Automotive Air Tools - Specialty Tools

Ingersoll Rand

HEAVY DUTY AIR NIBBLER

•The tool actually "nibbles" cold rolled steel, plastic, tin, aluminum, and other metals, up to 18 gauge thicknesses at a rate of more that 6 ft. per minute. It's ideal for paint and auto body shops, tinsmiths, and sheet metal shops •Cuts out quarter panels without distorting the edges of the material •Starts cuts in the centre of a panel •Holds a tight 1/4" radius with great accuracy •Easy to operate and control
Part No. 325.

HEAVY DUTY AIR RECIPROCATING SAW

•Versatile air saw for cutting intricate shapes and light radius curves in all types of plastics, fibreglass, and composite materials, as well as aluminum and sheet metal. This reduced vibration tool is excellent for body shop repair, muffler and exhaust work, and sun roof installations •Comes with six high speed steel cutting blades and two hex wrenches •Cuts flat and curved surfaces •Durable, long life tool
Part No. 429.

SUPER DUTY AIR RECIPROCATING SAW

•Premium tool designed for all types of cutting tasks. It offers a wealth of features for body, exhaust, and muffler work •Composite grip area for increased comfort and control •Piped away exhaust for a cleaner work area •Tease trigger with lock off for smooth operation and protection against accidental starts •Adjustable guard, integral power regulator, low vibration
Part No. 4429

HEAVY DUTY AIR SHEAR

The versatile cutting shear that makes clean cuts in cold rolled steel up to 20 gauge without chips. Ideal for body shops, sheet metal shops, air conditioning fabricators, plastic fabricators, heating contractors, and machine shops •Cuts squares, angles, and circles •Long life tool with heavy duty cutting blades •Shears most types of plastics and all types of aluminum, tin, and steel
Part No. 7802SA.

PART NO.	TYPE OF DUTY	STROKES PER MIN.	AVERAGE AIR CONSUMPTION CFM (l/min)	@ LOAD CFM (l/min)	AIR INLET NPTF in.	MIN. HOSE SIZE in.	WEIGHT lb.
325	Heavy duty	3200	4 (113)	17 (481)	1/4	3/8	2.1
429	Heavy duty	10000	8 (226)	7 (198)	1/4	3/8	1.32
4429	Super duty	5750	7 (196)	7 (196)	1/4	3/8	1.63
7802SA	Heavy duty	4200	4 (113)	21 (595)	1/4	3/8	2.8

Automotive Electric Tools - Specialty Tools

1/2" HEAVY DUTY ELECTRIC IMPACT WRENCH

Delivers maximum torque of 290 ft.-lbs. The unique reversing mechanism gives you full power in forward and reverse, making it an excellent choice for tire changing, shock absorber replacement, and exhaust system work •Durable, made with ball and sleeve bearing construction •Aluminum hammer case and separator protects the hammer mechanism •Back-cap reverse switch allows full power in both directions
Part No. 8049.

Ingersoll Rand

PART NO.	TYPE OF DUTY	BOLT CAPACITY (in.)	WORKING TORQUE RANGE ft.lb. (Nm)	MAXIMUM TORQUE ft.-lb. (Nm)	BLOWS PER MINUTE	FREE SPEED (rpm)	WEIGHT lb.
8049	Heavy duty	9/16	30-180 (40-245)	290 (394)	2000	1900	6.8

Gregg Distributors carries the complete line of Ingersoll-Rand Tools — Please consult your Gregg's Representative today!!

Tool Rating System

Standard Duty
Durable tool used for general shop applications. Good balance between performance and value.

Heavy Duty
A high quality tool that delivers more power and added features for more demanding applications.

Super Duty
Top quality tools, exceeding all requirements for all demanding applications. Engineered with special features for top power, speed control, accuracy, and comfort.

Ultra Duty
An exceptional, new technology tool that redefines the standards of performance.

HEAVY DUTY POWER SOCKET SETS, 6 POINT IMPACT SOCKETS

3/8" Drive

Part No. SK3H8, 3/8" drive set - 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, metal tray
Part No. SK3H8L, 3/8" drive deep set - 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, metal tray
Part No. SK3H7U, 3/8" drive universal set - 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, metal box
Part No. SK3M8L, 3/8" drive metric deep set - 9, 10, 11, 13, 14, 15, 17, 19, metal tray

1/2" Drive

Part No. SK4H13, 1/2" drive set - 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4, metal tray
Part No. SK4H13L, 1/2" drive deep set - 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4, metal tray
Part No. SK4H7U, 1/2" drive universal set - 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, metal box
Part No. SK4M14L, 1/2" drive metric deep set - 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 26, 27, metal tray

3/4" Drive

Part No. SK6H8, 3/4" drive set - 1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2 metal box

1" Drive

Part No. SK8H8, 1" drive set - 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-1/2 metal box
Part No. SK8H9T, 1" drive truck service set - 13/16, sq.; 7/8, 15/16, 1, 1-3/16, 1-1/2 hex; 1-1/16, 1-1/8, 1-1/4 deep thin wall hex, metal box

Budd Wheel

Part No. A10024HS, 1/2 Hex x 13/16 sq.

Gregg Distributors carries the complete line of Ingersoll-Rand Tools — Please consult your Gregg's Representative today!!

PROTECTIVE TOOL BOOTS -VINYL

Keep your Ingersoll-Rand air impact ratchets, wrenches, and drills free from external damage with protective boots. As you work, these boots also absorb some of the tool vibration, keeping you more comfortable, too.

BOOT PART NO.	FITS TOOL NO.
104-P32	104
106-P32	107, 1077, 110
202-P32	212
211-P32	211
231-P32	231, 231-2
2131A-P32	2131A, 2131AS-2
235-P32	235
244-P32	244, 244-2
252-P32	252
2161-P32	2161
285-P32	285-6, 285-S6, 285
295-P32	295, 295-6
7802-P32	7802A, 7802RA, 7803A

CHISEL KIT

Five piece chisel set in a plastic pouch with .401" shank diameter. Kit includes: Edging tool, tail pipe tool, straight chisel, cutting chisel and punch
Part No. 116-K5.

Ingersoll Rand

Automotive Air Tools – Impact Wrenches

3/8" IMPACT WRENCH
•Most economical 3/8" drive pistol grip impact wrench •Built-in air regulator •Well balanced design for easy use, right or left handed
Part No. M621.

3/8" IMPACT WRENCH
•Compact design •Built-in air regulator •Well balanced design for easy use, right or left handed
Part No. M622.

3/8" BUTTERFLY IMPACT WRENCH
•Ideal for engine and assembly work in tight places •Air inlet swivels 360° •Compact and lightweight
Part No. M562DB.

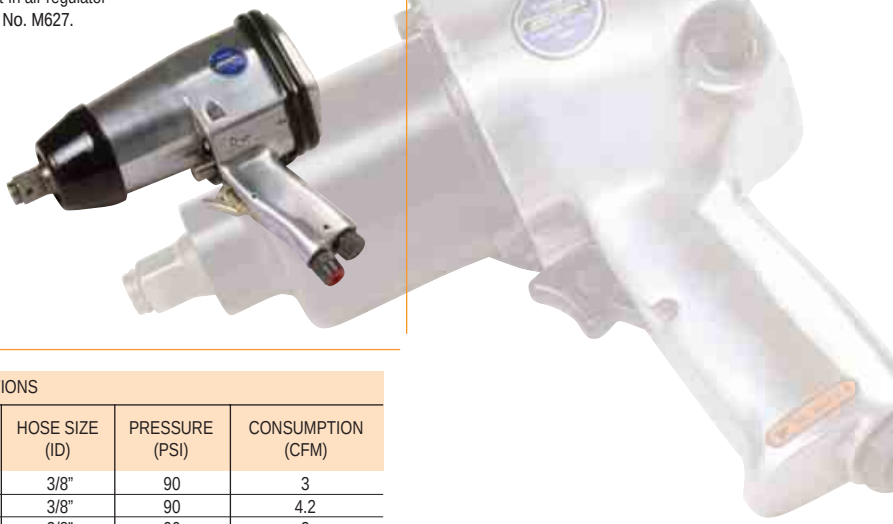
1/2" IMPACT WRENCH
•Most economical 1/2" drive impact wrench •Built-in air regulator •Well balanced design
Part No. M558DB.

1/2" IMPACT WRENCH
•Medium power 1/2" drive impact wrench •Built-in air regulator •Well balanced design
Part No. M623.

1/2" IMPACT WRENCH
•Most powerful 1/2" drive impact wrench •Built-in air regulator •Well balanced design
Part No. M625.

1/2" IMPACT WRENCH w/ 2" EXTENDED ANVIL
•Same wrench as #M625 with the added feature of a 2" extended anvil for easier access to confined areas •Built-in air regulator •Well balanced design
Part No. M626.

3/4" IMPACT WRENCH
•Built-in air regulator
Part No. M627.



TOOL SPECIFICATIONS						
PART NO.	FREE SPEED (RPM)	TORQUE ft.-lb.	INLET (NPT)	HOSE SIZE (ID)	PRESSURE (PSI)	CONSUMPTION (CFM)
M621	8000	125	1/4"	3/8"	90	3
M622	9000	190	1/4"	3/8"	90	4.2
M562DB	10,000	75	1/4"	3/8"	90	3
M558DB	7000	230	1/4"	3/8"	90	4
M623	7000	280	1/4"	3/8"	90	4
M625	7000	400	1/4"	3/8"	90	4.2
M626	7000	400	1/4"	3/8"	90	4.2
M627	4200	700	1/4"	3/8"	90	7

NOTE:
Repair Kits are available for Mechanics Air Tools. Please ask for further information.

Mechanics PRODUCTS™

1/4" MINI AIR RATCHET
•Easy to use •A must for light duty assembly work
Part No. M637.

3/8" AIR RATCHET
•Easy to use •Many uses in auto service work and light duty assembly
Part No. M560DB.

1/2" AIR RATCHET
•Most economical 1/2" drive air ratchet •Many uses in auto service work and light duty assembly
Part No. M561.

1/2" AIR RATCHET
•Most powerful 1/2" drive air ratchet in the Mechanics line
•Many uses in auto service work and assembly
Part No. M639.

3/8" AIR RATCHET KIT
•Includes 3/8" drive air ratchet and the following accessories: 3" impact extension bar; 3 impact screwdriver bits; 3" impact screwdriver bit extension; impact universal joint; 7 SAE impact sockets (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", and 3/4"); storage case
Part No. M564DB.

NOTE:
Repair Kits are available for Mechanics Air Tools. Please ask for further information.

TOOL SPECIFICATIONS

PART NO.	FREE SPEED (RPM)	TORQUE ft.-lb.	INLET (NPT)	HOSE SIZE (ID)	PRESSURE (PSI)	CONSUMPTION (CFM)
M637	240	18	1/4"	3/8"	90	3
M560DB	160	50	1/4"	3/8"	90	4
M561	160	50	1/4"	3/8"	90	4
M639	150	90	1/4"	3/8"	90	5.3
M564DB	160	50	1/4"	3/8"	90	4

Specialty Air Tools

HYDRAULIC RIVETER
•Easy to use •4 nose pieces: 3/32", 1/8", 5/32", and 3/16"
Capacity: Up to 3/16" rivets
Inlet (NPT): 1/4"
Hose Size (I.D.): 3/8"
Pressure (PSI): 90
Consumption (CFM): 4
Part No. M680.

PUNCH/FLANGE TOOL
•Punches and crimps up to 14 gauge sheet metal •Head swivels 360°
Inlet (NPT): 1/4"
Hose Size (I.D.): 3/8"
Pressure (PSI): 90
Consumption (CFM): 4
Part No. M661.

Mechanics PRODUCTS™

Automotive Air Tools – Air Cutting Tools

AIR HAMMER w/ 4 CHISELS
•For general repair work, cutting, and exhaust system work
•Built-in air regulator •Quick change spring safety retainer
•Includes 4 heat treated chisels
Part No. M550DB.

AIR HAMMER w/ 5 CHISELS
•For general repair work, cutting, and exhaust system work
•Built-in air regulator •Quick change spring safety retainer
•Includes 5 heat treated chisels
Part No. M668.

RECIPROCATING AIR BODY SAW
•Lightweight, slim design for confined areas •Adjustable blade guide •Cuts many types of aluminum, plastic, fibreglass, and sheet metal
Part No. M660.

AIR NIBBLER
•Cuts aluminum, tin, plastic, steel, and other metals up to 16 gauge •Adjustable die guide for left, right, or straight cutting
Part No. M552DB.

METAL SHEAR
•Cuts many types of aluminum, tin, plastic, mild steel, and other metals
Part No. M662.

STRAIGHT METAL SHEAR
•Cuts many types of aluminum, tin, plastic, mild steel, and other metals
Part No. M663.

UTILITY CUT-OFF TOOL
•Great for cutting many types of sheet metal, fibreglass, bolts, muffler clamps, etc. •Metal blade guard •3/8" arbor hole size
Part No. M563DB.

TOOL SPECIFICATIONS

PART NO.	BORE SIZE	STROKE LENGTH	FREE SPEED	INLET (NPT)	HOSE SIZE (ID)	PRESSURE (PSI)	CONSUMPTION (CFM)
M550DB	3/4"	1-5/8"	4500 BPM*	1/4"	3/8"	90	4
M668	3/4"	2-5/8"	3000 BPM*	1/4"	3/8"	90	4
M660	-	3/8"	9500 SPM†	1/4"	3/8"	90	6
M552DB	-	-	3300 SPM†	1/4"	3/8"	90	4
M662	-	-	2200 RPM	1/4"	3/8"	90	4
M663	-	-	2200 RPM	1/4"	3/8"	90	4
M563DB	-	-	20,000 RPM	1/4"	3/8"	90	4

*BPM = Blows per Minute
†SPM = Strokes per Minute

NOTE:
Repair Kits are available for Mechanics Air Tools. Please ask for further information.

Automotive Air Tools – Air Drills & Grinders

3/8" AIR DRILL
•Economical tool for general drilling •3/8" chuck
Part No. M556DB.

3/8" REVERSIBLE DRILL
•Versatile tool for general drilling •3/8" chuck
Part No. M648.

3/8" ANGLE DRILL
•90° angle head for drilling in confined areas
•3/8" chuck
Part No. M649.

1/2" REVERSIBLE DRILL
•Most powerful drill in the Mechanics line •Variable speed throttle •Side handle for better control •1/2" chuck
Part No. M651.

1/4" DIE GRINDER
•For detail work and finishing •Variable speed throttle •1/4" collet
Part No. M566DB.

1/4" ANGLE HEAD DIE GRINDER
•For detail work and finishing •Variable speed throttle •90° angle head design allows use in confined areas •1/4" collet
Part No. M656.

MECHANICS PRODUCTS
Automotive Air Tools – Air Drills & Grinders

Chart below references tools shown on the previous catalogue page.

TOOL SPECIFICATIONS

PART NO.	FREE SPEED (RPM)	INLET (NPT)	HOSE SIZE (ID)	PRESSURE (PSI)	CONSUMPTION (CFM)
M556DB	2200	1/4"	3/8"	90	4
M648	1800	1/4"	3/8"	90	4
M649	1900	1/4"	3/8"	90	4
M651	800	1/4"	3/8"	90	4
M566DB	22,000	1/4"	3/8"	90	6
M656	20,000	1/4"	3/8"	90	4
M567DB	21,000	1/4"	3/8"	90	4

NOTE:
Repair Kits are available for Mechanics Air Tools. Please ask for further information.

MINI DIE GRINDER KIT
Contains: Mini die grinder; 5 mounted stones (1/4" shank); 5 mounted stones (1/8" shank); 2 collets (1/4" and 1/8"); 2 collet wrenches; storage case
Part No. M567DB.

Automotive Air Tools – Air Sanders & Polishers

ORBITAL SANDER
•Useful for general sanding and paint preparation •Contoured palm grip •Uses standard 3-3/4" x 9" sandpaper •3/16" orbital stroke
Part No. M569DB.

DUAL PISTON STRAIGHT LINE SANDER
•Ideal for sanding body filler and shaping and levelling large, flat surfaces •1" orbital stroke
Part No. M574DB.

5" HIGH SPEED SANDER
•For general sanding
Part No. M573DB.

6" DUAL ACTION SANDER
•Most economical dual action sander •Useful for body work and paint preparation •Built-in air regulator
Part No. M568DB.

6" DUAL ACTION SANDER
•Useful for body work and paint preparation •Built-in air regulator
Part No. M641.

8" GEARED DUAL ACTION SANDER
•For blending, smoothing, and feather edging
Part No. M644.

TOOL SPECIFICATIONS

PART NO.	PAD SIZE	FREE SPEED (RPM)	INLET (NPT)	HOSE SIZE (ID)	PRESSURE (PSI)	CONSUMPTION (CFM)
M569DB	3-3/4 x 9"	8000	1/4"	3/8"	90	4
M574DB	2.5 x 15.75"	2100 SPM*	1/4"	3/8"	90	5 - 7
M573DB	3, 4.5, 5.5"	16,000	1/4"	3/8"	90	4
M568DB	5-1/2"	8000	1/4"	3/8"	90	4
M641	5-3/4"	8000†	1/4"	3/8"	90	4.5 (average)
M644	7-3/4"	900	1/4"	3/8"	90	4
M643	6-3/4"	4500	1/4"	3/8"	90	12
M647	6-3/4"	2500	1/4"	3/8"	90	10

*SPM = Strokes per Minute
†average free speed

7" HORIZONTAL ANGLE POLISHER
•For general polishing and buffing
•Side handle mounts on either side for left or right hand operation
Part No. M647.

7" HORIZONTAL ANGLE SANDER
•For general sanding and large body panels •Side handle mounts on either side for left or right hand operation
Part No. M643.

Automotive Air Tools – Miscellaneous Products

HVLP GRAVITY FEED SPRAY GUN

•All purpose gun sprays primers, base coats, and clear coats •Operates at 18 - 60 psi •Fully adjustable spray pattern •Locking pressure regulator with pressure gauge •Includes wall mount hanger, multi-wrench, cleaning brush, socket, and fluid filter •6 - 8" spray pattern •20 oz. cup capacity
Fluid Inlet (NPS): M16 x 1.5
Air Inlet (NPS): 1/4"
Hose Size (I.D.): 3/8"
Pressure (PSI): 43
Consumption: 7 - 9 CFM
Part No. M708, Gun with 1.3 mm needle and nozzle set.
Part No. M710, Gun with 1.5 mm needle and nozzle set.
Part No. M711, Gun with 1.7 mm needle and nozzle set.

HVLP GRAVITY FEED TOUCH-UP SPRAY GUN

•All purpose gun sprays primers, base coats, and clear coats •Operates at 18 - 60 psi •Fully adjustable spray pattern •Locking pressure regulator with pressure gauge •Includes multi-wrench, cleaning brush, and fluid filter •3 - 4" spray pattern •200 cc cup capacity
Fluid Inlet (NPS): M14 x 1.0
Air Inlet (NPS): 1/4"
Hose Size (I.D.): 3/8"
Pressure (PSI): 35 - 43
Consumption: 3.1 CFM
Part No. M705, Gun with 1.2 mm needle and nozzle set.

HVLP SPRAY GUN

•Economical, All Purpose Gun - sprays primers, base coats, sealers, and clear coats •20 oz. drip-free paint cup reservoir with filter screen •1.4 mm brass spray nozzle and stainless steel needle assembly •Locking air pressure regulator with 0 - 80 PSI gauge •Lightweight, comfortable grip •Fully adjustable spray pattern •Multi-wrench and cleaning brush
Part No. M4710.

PRODUCTION SPRAY GUN

•For automotive, marine, and shop painting applications •1000 cc spun aluminum siphon cup •8 - 10" spray pattern
Fluid Inlet (NPS): 3/8"
Air Inlet (NPS): 1/4"
Hose Size (I.D.): 3/8"
Pressure (PSI): 50 - 70
Consumption: 8.5 - 12 CFM
Part No. M576DB, Gun with 1.8 mm needle and nozzle set.

TOUCH-UP SPRAY GUN

•For detail and touch-up painting applications •8 oz. spun aluminum siphon cup •5 - 6" spray pattern
Fluid Inlet (NPS): 1/4"
Air Inlet (NPS): 1/4"
Hose Size (I.D.): 3/8"
Pressure (PSI): 30 - 50
Consumption: 4 CFM
Part No. M578DB, Gun with 1.6 mm needle and nozzle set.

PROFESSIONAL SPRAY GUN KIT

•Separate spray head and paint reservoir for versatility •Air pressure regulator with gauge •2000 cc cup capacity •10 - 12" spray pattern
Fluid Inlet (NPS): 3/8"
Air Inlet (NPS): 1/4"
Pressure In (PSI): 45 - 95
Pressure Out (PSI): 4 - 8
Consumption: 11 CFM
Part No. M702, Gun with 1.0 mm needle and nozzle set.

DUAL ACTION AIRBRUSH KIT

•Dual action air/paint trigger for maximum control •Spray pattern 1/16 - 1-1/4" •Kit contains: Airbrush; cap, 3/4 oz. colour jar; 1/4 oz. colour cup; 6 ft. air hose; 2 oz. mixing jar w/ cap; wrench for brush head; case and holder
Air Inlet (Adapter): 1/4" NPS
Pressure (PSI): 10 - 35
Part No. M676.

SANDBLASTER KIT

•Removes paint, rust, scale, and other stubborn materials •Includes rubber hose, pick-up tool, hex key wrench and extra air jet and nozzles
Air Inlet (NPT): 1/4"
Hose Size (I.D.): 3/8"
Pressure (PSI): 60
Consumption (CFM): 3
Part No. M570C.

NOTE:
Repair Kits are available for Mechanics Air Tools. Please ask for further information.

Mechanics PRODUCTS™

Automotive Air Tools – Miscellaneous Products

AIR ENGINE CLEANER
•Includes pick-up hose
Air Inlet (NPT): 1/4"
Hose Size (I.D.): 3/8"
Pressure (PSI): 90
Consumption (CFM): 4
Part No. M584DB.

NOTE:
Repair Kits are available for Mechanics Air Tools. Please ask for further information.

TIRE INFLATOR w/ GAUGE
•Easy to use tire chuck with offset head
Air Inlet (NPT): 1/4"
Hose Size (I.D.): 3/8"
Pressure (PSI): up to 120
Part No. M585DB.

METAL AIR CAULKING GUN
•Dispenses caulks, adhesives and sealants from standard 11 oz. cartridges •One-piece metal body •Caulking tube size 2" x 8-1/2"
Air Inlet (NPT): 1/4"
Hose Size (I.D.): 3/8"
Pressure (PSI): 30 - 60
Consumption (CFM): 4
Part No. M682.

WINDSHIELD REMOVAL TOOL
•For cutting rubber windshield seals •20,000 RPM free speed
Air Inlet (NPT): 1/4"
Hose Size (I.D.): 3/8"
Pressure (PSI): 60
Consumption (CFM): 3
Part No. M664.

Automotive Air Tools Accessories

AIR HAMMER NEEDLE SCALER ATTACHMENT
This accessory attaches to air hammer in place of retainer spring and chisel to remove rust and scale. For hammers #M550DB and M668.
Part No. M669.
Part No. M669-6, Replacement needles for #M669.

AIR CHISEL SET
4 piece set contains weld buster, cold chisel, tapered punch and round nose panel cutter. For #M550DB and M668.
Part No. M620.

AIR HAMMER RETAINER SPRING
Replacement retainer springs for air hammers. For #M550DB and M668. Card of 2.
Part No. M696.

AIR SHEARS ATTACHMENT
Replacement head assembly for metal shears #M662 and M663.
Part No. M597DB.

10 PC. MOUNTED STONE SET
For use with #M566DB, M567DB, and M656 die grinders. Includes: (5) 1/8" shank and (5) 1/4" shank mounted stones in assorted sizes.
Part No. M565C.

AIR NIBBLER PUNCHES
Replacement punches for air nibbler #M552DB. Card of 2.
Part No. M553C.

AIR NIBBLER DIE
Replacement die for air nibbler #M552DB.
Part No. M554C.

BODY SAW BLADES
Replacement blades for reciprocating body saw #M660.
Part No. M555-24, 24 tpi.
Part No. M555-32, 32 tpi.

PRODUCTION SPRAY GUN PAINT CUP
Replacement paint cup assembly for spray gun #M576DB.
Part No. M577B.

ALUMINUM PAINT CUPS
Replacement paint cup for gravity feed spray guns.
Part No. M731.

PLASTIC PAINT CUP
Replacement paint cup for gravity feed spray guns.
Part No. M710-04.

REPLACEMENT NEEDLE & NOZZLE SETS
For HVLP gravity feed spray guns #M708, M710, and M711. Contains needle, fluid nozzle, and air nozzle.
Part No. M710-40, 1.3 mm.
Part No. M710-41, 1.5 mm.
Part No. M710-42, 1.9 mm.
Part No. M710-44, 2.2 mm.

For HVLP touch-up spray gun #M705. Contains needle, fluid nozzle, and air nozzle.
Part No. M705-40, 0.8 mm.
Part No. M705-41, 1.0 mm.

Mechanics PRODUCTS™

Automotive Air Tools Accessories

SANDING PAD
Replacement pad for orbital air sander #M569DB.
Part No. M569-43.

SANDING PAD
Replacement pad for straight line sander #M574DB.
Part No. M574-33.

STANDARD 6" SANDING PAD
Fits dual action sanders #M568DB and M641.
Part No. M697.

SANDING PAD
Replacement pad for geared dual action sander #M644.
Part No. M644-03.

7" SANDING PAD
Fits horizontal angle sander #M643 and horizontal angle polisher #M647.
Part No. M643-43.

AIR REGULATOR w/ GAUGE
Part No. M693.

AIR REGULATOR
Part No. M694.

AIR BLOW GUN
Includes two different tips.
Part No. M586C.

2½ ft. WHIP AIR HOSE
Flexible hose is used between air tool air inlet and quick coupler to protect inlet form unnecessary strain. 1/4" male NPT on ball swivel at one end and 1/4" female NPT at other.
Part No. M612.

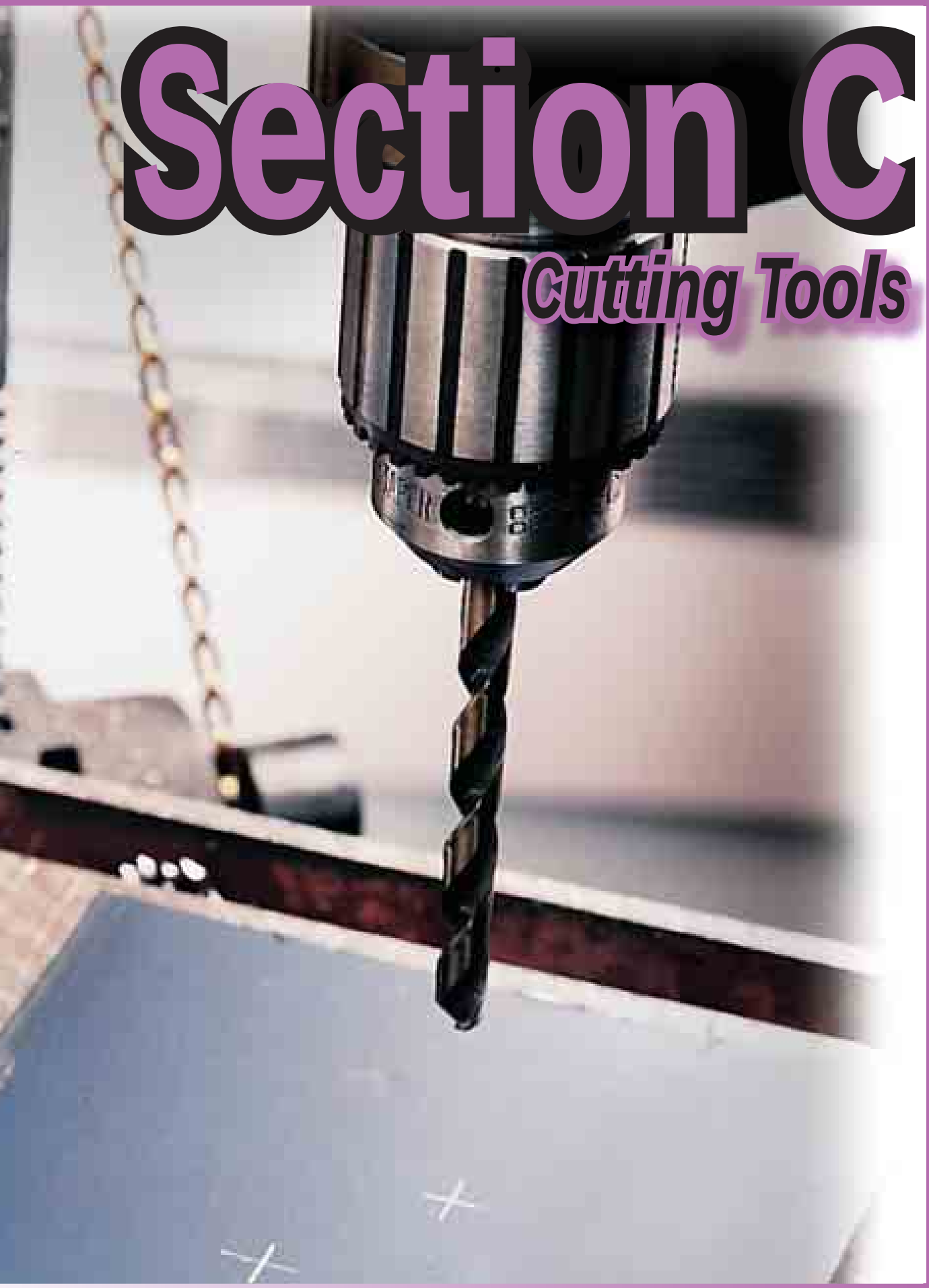
OIL & WATER SEPARATOR
Removes oil and water from air supply.
Part No. M695.

Mechanics PRODUCTS™

CELEBRATING 40 YEARS
40
1968 Gregg 2008

Section C

Cutting Tools



Look!
Fresh out of the crate!!
What's New In this Section?
We've highlighted new-product lines in this section with a "New" logo.
Please Note: Many existing product lines have been expanded and may not be listed on this quick index.
FRAGILE
HANDLE WITH CARE
Product Line
Lenox Blades, Hole Saws, & Accessories..... C32 - C35
Section C
Gregg Distributors Ltd.

Drill Features

SURFACE FINISHES

•DIA® Black — Entirely black finish imparts a lubricant effect, prevents chip welding in the flutes, and contributes to abrasion resistance
•Gold Finish — Low temperature stress relieving treatment for cobalt and super premium steel drills, taps, and dies provides a warm deep gold colour on the surface of the steel and maximizes lubricity
•Titanium Nitride — Super hard coating with a bright gold colour improves the abrasion resistance of drills, and extending the useful life of the drill

ULTRA CUT GOLD

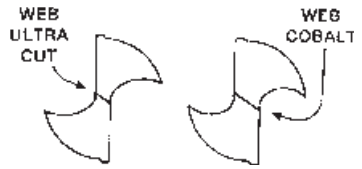
•Longer Cutting Life — Nitro-carburized flute has an increased Rockwell hardness
•Runs Cooler, Less Torque — 135° point takes a smaller chip resulting in less heat and the amber gold surface treatment reduces friction, allowing the drill to cut harder material
•Combats Drill Walking — Split Point gives accurate starting without use of a centre punch
•Holds Tighter Hole Size — Split Point is self centrering thereby limiting the normal oversize drilling characteristics of standard drills
•Chuck Slippage Eliminated — 3 flats on some drills give positive chuck grip virtually eliminating the potential for the drill to slip in the chuck
•Tougher Steel — Special hi-molybdenum tool steel is tougher than cobalt resulting in a thinner web allowing for faster penetration of work hardened steel
•Heat treated at 1196°C and then nitro-carburized at 510°C to be measurably harder than high speed steel
•Tight Tolerances — UCG drills are manufactured to very tight tolerances, surpassing and exceeding any industry standard
•Precision ground point, flutes, body, clearance and drill diameter for the ultimate in accuracy and performance
•Stainless Steel 304, 306, 316 — UCG can be fed faster due to the thin web when compared to cobalt drills resulting in the drill cutting beneath the chip before it hardens — this gives longer life than the cobalt drill

TITANIUM NITRIDE DRILLS

•High performance coating for superior drill performance — made of high-molybdenum tool steel
•Increased Tool Life — Up to 500%
•Increased Cutting Rates — Up to 50% over uncoated rates with no sacrifice in tool life
•Improved Hole Finish — Reduced wear gives an improved finish
•High Abrasion Resistance and Lubricity — Coating hardness to over 80 Rockwell C prevents abrasive wear and high lubricity reduces the friction
•Reduced cutting forces and temperature

COBALT DRILLS

•Cobalt drills are recommended for free machining stainless steel (400 series and 303), titanium alloys and other high tensile strength materials. Used on materials requiring the high red hardness of cobalt to counter the substantial heat generated in the drilling process.
•Manufactured to Type J NAS 907 specifications with a very thick web to provide the strength necessary to limit the breakage of the drill



ULTRA CUT FEATURES/BENEFITS

•135° point cuts hard metals
•Heavy duty web construction for longer cutting life and greater breakage resistance
•Space age nitro-carburized steel withstands substantially higher drilling temperatures while maintaining sharpness
•Split point design won't walk
•Precision ground point, flutes, clearance, and drill diameter for the ultimate in accuracy and performance
•Distinctive gold and black appearance sets it apart from other drills

Imperial Tap/Drill Size Chart

Size	Type	Drill Size
4-40	NC	#43
4-48	NF	#42
5-40	NC	#38
5-44	NF	#37
6-32	NC	7/64
6-40	NF	#33
8-32	NC	1/8
8-36	NF	#29
10-24	NC	5/32
10-32	NF	5/32
12-24	NC	11/64
12-28	NF	#14
1/4-20	NC	13/64
1/4-28	NF	7/32
5/16-18	NC	17/64
5/16-24	NF	6.9 mm
3/8-16	NC	5/16
3/8-24	NF	8.5 mm
7/16-14	NC	3/8
7/16-20	NF	25/64

Size	Type	Drill Size
1/2-13	NC	27/64
1/2-20	NF	29/64
9/16-12	NC	31/64
9/16-18	NF	33/64
5/8-11	NC	35/64
5/8-18	NF	37/64
3/4-10	NC	21/32
3/4-16	NF	11/16
7/8-9	NC	49/64
7/8-14	NF	13/16
1-8	NC	7/8
1-14	NF	15/16

VIKING DRILLS
VIKING DRILL & TOOL

Metric Tap/Drill Size Chart

Size	Pitch	Drill Size
M1.6	0.35	1.25 M
M1.8	0.35	1.45M
M2.0	0.40	1.60M
M2.2	0.45	1.75M
M2.5	0.45	2.05M
M3.0	0.50	2.50M
M3.5	0.60	2.90M
M4.0	0.70	3.30M
M4.5	0.75	#26
M5.0	0.80	4.20M
M6.0	1.00	5.0M
M7.0	1.00	6.0M
M8.0	1.25	H
M8.0	1.00	7.0M
M10.0	1.50	8.5M
M10.0	1.25	11/32
M12.0	1.75	Y
M12.0	1.25	10.8
M14.0	2.00	12.0M
M16.0	2.00	14.0M
M18.0	2.50	15.5M
M20.0	2.50	17.5M
M22.0	2.50	19.5M
M24.0	3.00	21.0M

NPT Tap/Drill Size Chart

Tap		Recommended Drill Size
Size	Type	
1/8	27	11/32
1/4	18	7/16
3/8	18	9/16
1/2	14	45/64
3/4	14	29/32
1	11-1/2	1-9/64
1-1/4	11-1/2	1-31/64
1-1/2	11-1/2	1-47/64
2	11-1/2	2-13/64

DECIMAL EQUIVALENTS

•Fractional •Wire •Metric •Letter Sizes

DRILL SIZE	DECIMAL
0.10	.0039
97	.0059
96	.0063
95	.0067
94	.0071
93	.0075
92	.0079
0.20	.0079
91	.0083
90	.0087
89	.0091
88	.0095
87	.0100
86	.0105
85	.0110
84	.0115
0.30	.0118
83	.0120
82	.0125
81	.0130
80	.0135
0.35	.0138
79	.0145
1/64	.0156
0.40	.0157
78	.0160
0.45	.0177
77	.0180
0.50	.0197
76	.0200
75	.0210
0.55	.0217
74	.0225
0.60	.0236
73	.0240
72	.0250
0.65	.0256
71	.0260
0.70	.0276
70	.0280
69	.0292
0.75	.0295
68	.0310
1/32	.0312
0.80	.0315
67	.0320
66	.0330
0.85	.0335
65	.0350
0.90	.0354
64	.0360
63	.0370
0.95	.0374
62	.0380
61	.0390
1.00	.0394
60	.0400
59	.0410
1.05	.0413
58	.0420
57	.0430

DRILL SIZE	DECIMAL
1.10	.0433
1.15	.0453
56	.0465
3/64	.0469
1.20	.0472
1.25	.0492
1.30	.0512
55	.0520
1.35	.0531
54	.0550
1.40	.0551
1.45	.0571
1.50	.0591
53	.0595
1.55	.0610
1/16	.0625
1.60	.0630
52	.0635
1.65	.0650
1.70	.0669
51	.0670
1.75	.0689
50	.0700
1.80	.0709
1.85	.0728
49	.0730
1.90	.0748
48	.0760
1.95	.0768
5/64	.0781
47	.0785
2.00	.0787
2.05	.0807
46	.0810
45	.0820
2.10	.0827
2.15	.0846
44	.0860
2.20	.0866
2.25	.0886
43	.0890
2.30	.0906
2.35	.0925
42	.0935
3/32	.0938
2.40	.0945
41	.0960
2.45	.0965
40	.0980
2.50	.0984
39	.0995
38	.1015
2.60	.1024
37	.1040
2.70	.1063
36	.1065
7/64	.1094
35	.1100
2.80	.1102
34	.1110
33	.1130

DRILL SIZE	DECIMAL
2.90	.1142
32	.1160
3.00	.1181
31	.1200
3.10	.1220
1/8	.1250
3.20	.1260
3.25	.1280
30	.1285
3.30	.1299
3.40	.1339
29	.1360
3.50	.1378
28	.1405
9/64	.1406
3.60	.1417
27	.1440
3.70	.1457
26	.1470
25	.1495
3.80	.1496
24	.1520
3.90	.1535
23	.1540
5/32	.1562
22	.1570
4.00	.1575
21	.1590
20	.1610
4.10	.1614
4.20	.1654
19	.1660
4.30	.1693
18	.1695
11/64	.1719
17	.1730
4.40	.1732
16	.1770
4.50	.1772
15	.1800
4.60	.1811
14	.1820
13	.1850
4.70	.1850
3/16	.1875
12	.1890
4.80	.1890
11	.1910
4.90	.1929
10	.1935
9	.1960
5.00	.1969
8	.1990
5.10	.2008
7	.2010
13/64	.2031
6	.2040
5.20	.2047
5	.2055
5.30	.2087
4	.2090

DRILL SIZE	DECIMAL
5.40	.2126
3	.2130
5.50	.2165
7/32	.2188
5.60	.2205
2	.2210
5.70	.2244
1	.2280
5.80	.2283
5.90	.2323
A	.2340
15/64	.2344
6.00	.2362
B	.2380
6.10	.2402
C	.2420
6.20	.2441
D	.2460
6.30	.2480
1/4	.2500
E	.2500
6.40	.2520
6.50	.2559
F	.2570
6.60	.2598
G	.2610
6.70	.2638
17/64	.2656
H	.2660
6.80	.2677
6.90	.2717
I	.2720
7.00	.2756
J	.2770
7.10	.2795
K	.2810
9/32	.2812
7.20	.2835
7.30	.2874
L	.2900
7.40	.2913
M	.2950
7.50	.2953
19/64	.2969
7.60	.2992
N	.3020
7.70	.3031
7.80	.3071
7.90	.3110
5/16	.3125
8.00	.3150
O	.3160
8.10	.3189
8.20	.3228
P	.3230
8.30	.3268
21/64	.3281
8.40	.3307
Q	.3320
8.50	.3346
8.60	.3386

DRILL SIZE	DECIMAL
R	.3390
8.70	.3425
11/32	.3438
8.80	.3465
S	.3480
8.90	.3504
9.00	.3543
T	.3580
9.10	.3583
23/64	.3594
9.20	.3622
9.30	.3661
U	.3680
9.40	.3701
9.50	.3740
3/8	.3750
V	.3770
9.60	.3780
9.70	.3819
9.80	.3858
W	.3860
9.90	.3898
25/64	.3906
10.00	.3937
X	.3970
10.20	.4016
Y	.4040
10.30	.4058
13/32	.4062
Z	.4130
10.50	.4134
27/64	.4219
10.80	.4252
11.00	.4331
7/16	.4375
11.20	.4409
11.50	.4528
29/64	.4531
11.80	.4646
15/32	.4688
12.00	.4724
12.20	.4803
31/64	.4844
12.50	.4921
1/2	.5000
13.00	.5118
33/64	.5156
17/32	.5312
13.50	.5315
35/64	.5469
14.00	.5512
9/16	.5625
14.50	.5709
37/64	.5781
15.00	.5906
19/32	.5938
39/64	.6094
15.50	.6102
5/8	.6250
16.00	.6299
41/64	.6406

DRILL SIZE	DECIMAL
16.50	.6496
21/32	.6562
17.00	.6693
43/64	.6719
11/16	.6875
17.50	.6890
45/64	.7031
18.00	.7087
23/32	.7188
18.50	.7283
47/64	.7344
19.00	.7480
3/4	.7500
49/64	.7656
19.50	.7677
25/32	.7812
20.00	.7874
51/64	.7969
20.50	.8071
13/16	.8125
21.00	.8268
53/64	.8281
27/32	.8438
21.50	.8465
55/64	.8594
22.00	.8661
7/8	.8750
22.50	.8858
57/64	.8906
23.00	.9055
29/32	.9062
59/64	.9219
23.50	.9252
15/16	.9375
24.00	.9449
61/64	.9531
24.50	.9646
31/32	.9688
25.00	.9843
63/64	.9844
1"	1.0000

VIKING DRILLS
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Jobber Length Drills

ULTRA CUT GOLD - 135° SPLIT POINT

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Special Hi-Molybdenum tool steel. 135° split point for fast penetration and accurate starting without a center punch. Precision ground point, flutes, body, clearance and drill diameter for the ultimate in accuracy and performance.

FRACTIONAL

DIAMETER (inches)	PART NO.	STD. PACK
1/16	05580	12
5/64	05590	12
3/32	05600	12
7/64	05610	12
1/8	05620	12
9/64	05630	12
5/32	05640	12
11/64	05650	12
3/16	05660	12
13/64	05670	12
7/32	05680	12
15/64	05690	12
1/4	05700	12
17/64	05710	12
9/32	05720	12
19/64	05730	6
5/16	05740	6
21/64	05750	6
11/32	05760	6
23/64	05770	6
3/8	05780	6
25/64	05790	6
13/32	05800	6
27/64	05810	6
7/16	05820	6
29/64	05830	6
15/32	05840	6
31/64	05850	6
1/2	05860	6

LETTER

LETTER SIZE	PART NO.	STD. PACK
A	39460	12
B	39470	12
C	39480	12
D	39490	12
E	39500	12
F	39510	12
G	39520	12
H	39530	12
I	39540	12
J	39550	12
K	39560	12
L	39570	12
M	39580	6
N	39590	6
O	39600	6
P	39610	6
Q	39620	6
R	39630	6
S	39640	6
T	39650	6
U	39660	6
V	39670	6
W	39680	6
X	39690	6
Y	39700	6
Z	39710	6

WIRE

WIRE SIZE	PART NO.	STD. PACK
#1	38940	12
#2	38950	12
#3	38960	12
#4	38970	12
#5	38980	12
#6	38990	12
#7	39000	12
#8	39010	12
#9	39020	12
#10	39030	12
#11	39040	12
#12	39050	12
#13	39060	12
#14	39070	12
#15	39080	12
#16	39090	12
#17	39100	12
#18	39110	12
#19	39120	12
#20	39130	12
#21	39140	12
#22	39150	12
#23	39160	12
#24	39170	12
#25	39180	12
#26	39190	12
#27	39200	12
#28	39210	12
#29	39220	12
#30	39230	12

WIRE SIZE	PART NO.	STD. PACK
#31	92310	12
#32	92300	12
#33	92290	12
#34	92280	12
#35	92270	12
#36	92260	12
#37	92250	12
#38	92240	12
#39	92230	12
#40	92220	12
#41	88420	12
#42	88410	12
#43	88400	12
#44	88390	12
#45	88380	12
#46	88370	12
#47	88360	12
#48	88350	12
#49	88340	12
#50	88330	12
#51	88320	12
#52	88310	12
#53	88300	12
#54	88290	12
#55	88280	12
#56	88270	12
#57	88260	12
#58	88250	12
#59	88240	12
#60	88230	12

GENERAL PURPOSE HIGH SPEED STEEL - SURFACE TREATED - 118° POINT

This 118° point, high-speed steel drill performs well in a wide variety of ferrous metal drilling applications. The black surface treatment prevents chip welding and increases abrasion resistance.

DIAMETER (inches)	PART NO.	STD. PACK
1/64	01000	12
1/32	01010	12
3/64	01020	12
1/16	01030	12
5/64	01040	12
3/32	01050	12
7/64	01060	12
1/8	01070	12
9/64	01080	12
5/32	01090	12
11/64	01100	12
3/16	01110	12
13/64	05930	12
7/32	05940	12
15/64	05950	12
1/4	05960	12

DIAMETER (inches)	PART NO.	STD. PACK
17/64	05970	12
9/32	05980	12
19/64	05990	6
5/16	06000	6
21/64	06010	6
11/32	06020	6
23/64	06030	6
3/8	06040	6
25/64	06050	6
13/32	06060	6
27/64	06070	6
7/16	06080	6
29/64	06090	6
15/32	06100	6
31/64	06110	6
1/2	06120	6

HEAVY DUTY COBALT - 135° SPLIT POINT

Heavy duty 135° split point with gold finish for use in drilling hard tough metals, free machining stainless steel, high temperature alloys, titanium and certain plastics. High red hardness of cobalt steel permits speeds 30% higher than regular high speed steel drills. Cobalt drills require rigidly held positive feed drilling equipment.

DIAMETER (inches)	PART NO.	STD. PACK
3/64	08000	12
1/16	08010	12
5/64	08020	12
3/32	08030	12
7/64	08040	12
1/8	08050	12
9/64	08060	12
5/32	08070	12
11/64	08080	12
3/16	08090	12
13/64	08100	12
7/32	08110	12
15/64	08120	12
1/4	08130	12
17/64	08140	12
9/32	08150	12

DIAMETER (inches)	PART NO.	STD. PACK
19/64	08160	6
5/16	08170	6
21/64	08180	6
11/32	08190	6
23/64	08200	6
3/8	08210	6
25/64	08220	6
13/32	08230	6
27/64	08240	6
7/16	08250	6
29/64	08260	6
15/32	08270	6
31/64	08280	6
1/2	08290	6

VIKING DRILL
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Jobber Length Drills

HEAVY DUTY TITANIUM COATED - SUPER HIGH PERFORMANCE- 135° SPLIT POINT

Titanium nitride coated, heavy duty, 135° split point drills perform well in very demanding applications. The Titanium coating provides a super hard surface with high lubricity. The tool life may be extended 500% or more in high wear or very abrasive drilling applications. The heavy duty construction makes it ideal for hard metals, work hardening grades of stainless steel and other difficult to drill materials.

DIAMETER (inches)	PART NO.	STD. PACK
1/16	97890	6
5/64	97880	6
3/32	97870	6
7/64	97860	6
1/8	97850	6
9/64	97840	6
5/32	97830	6
11/64	97820	6
3/16	97810	6
13/64	97800	6
7/32	97790	6
15/64	97780	6
1/4	97770	6
17/64	97760	6
9/32	97750	6

DIAMETER (inches)	PART NO.	STD. PACK
19/64	97740	3
5/16	97730	3
21/64	97720	3
11/32	97710	3
23/64	97700	3
3/8	97690	3
25/64	97680	3
13/32	97670	3
27/64	97660	3
7/16	97650	3
29/64	97640	3
15/32	97630	3
31/64	97620	3
1/2	97610	3

Mechanic Length Drills

ULTRA CUT GOLD - 3- FLATS ON SHANK - 135° SPLIT POINT

Special Hi-Molybdenum tool steel. 135° split point for fast penetration and accurate starting without a center punch. Precision ground point, flutes, body, clearance and drill diameter for the ultimate in accuracy and performance.

DIAMETER (inches)	PART NO.	STD. PACK
3/16	87000	12
13/64	87010	12
7/32	87020	12
15/64	87030	12
1/4	87040	12
17/64	87050	12
9/32	87060	12
19/64	87070	6
5/16	87080	6
21/64	87090	6
11/32	87100	6
23/64	87110	6
3/8	87120	6
25/64	87130	6
13/32	87140	6
27/64	87150	6
7/16	87160	6
29/64	87170	6
15/32	87180	6
31/64	87190	6
1/2	87200	6

ULTRA CUT GOLD - 3- FLATS ON SHANK - 135° SPLIT POINT - 3/8" REDUCED SHANK

Drill has a 3/8" reduced shank. Special Hi-Molybdenum tool steel. 135° split point for fast penetration and accurate starting without a center punch. Precision ground point, flutes, body, clearance and drill diameter for the ultimate in accuracy and performance.

DIAMETER (inches)	PART NO.	STD. PACK
27/64	81570	6
7/16	81580	6
29/64	81590	6
15/32	81600	6
31/64	81610	6
1/2	81620	6

HIGH SPEED STEEL - 135° SPLIT POINT - SURFACE TREATED

New advances in drill making technology have allowed us to make an excellent drill. The mechanic length yields a sturdier drill with less flexing. This resistance to flexing may provide longer life than other drills in many applications.

DIAMETER (inches)	PART NO.	STD. PACK
1/16	04492	12
5/64	04502	12
3/32	04512	12
7/64	04522	12
1/8	04532	12
9/64	04542	12
5/32	04552	12
11/64	04562	12
3/16	04572	12
13/64	04582	12
7/32	04592	12
15/64	04602	12
1/4	04612	12
17/64	04622	12
9/32	04632	12
19/64	04642	6
5/16	04652	6
21/64	04662	6
11/32	04672	6
23/64	04682	6
3/8	04692	6
25/64	04702	6
13/32	04712	6
27/64	04722	6
7/16	04732	6
29/64	04742	6
15/32	04752	6
31/64	04762	6
1/2	04772	6

VIKING DRILL & TOOL

"Stubby" Length Drills

ULTRA CUT GOLD - 135° SPLIT POINT

Special Hi-Molybdenum tool steel. Gold surface treated body and clearance for maximum lubricity. Heavy duty construction, 135° split point for fast penetration and accurate starting without a center punch - will not walk. Recommended for work hardening grades of stainless steel and other hard metal drilling applications.

DIAMETER (inches)	PART NO.	STD. PACK
1/16	87710	12
5/64	87720	12
3/32	87730	12
7/64	87740	12
1/8	87750	12
9/64	87760	12
5/32	87770	12
11/64	87780	12
3/16	87790	12
13/64	87800	12
7/32	87810	12
15/64	87820	12
1/4	87830	12
17/64	87840	12
9/32	87850	12

DIAMETER (inches)	PART NO.	STD. PACK
19/64	87860	6
5/16	87870	6
21/64	87880	6
11/32	87890	6
23/64	87900	6
3/8	87910	6
25/64	87920	6
13/32	87930	6
27/64	87940	6
7/16	87950	6
29/64	87960	6
15/32	87970	6
31/64	87980	6
1/2	87990	6

HIGH SPEED STEEL - GENERAL PURPOSE - 118° POINT

The short length of drill and flute makes this an especially rigid drill for greater drilling accuracy. Can be used for all screw machine operation. This drill is designed for ease of penetration and to facilitate chip removal in tough, hard materials. May also be used in portable drilling equipment.

DIAMETER (inches)	PART NO.	STD. PACK
1/16	23870	12
5/64	23880	12
3/32	23890	12
7/64	23900	12
1/8	23910	12
9/64	23920	12
5/32	23930	12
11/64	23940	12
3/16	23950	12
13/64	23960	12
7/32	23970	12
15/64	23980	12
1/4	23990	12
17/64	24000	12
9/32	24010	12

DIAMETER (inches)	PART NO.	STD. PACK
19/64	24020	6
5/16	24030	6
21/64	24040	6
11/32	24050	6
23/64	24060	6
3/8	24070	6
25/64	24080	6
13/32	24090	6
27/64	24100	6
7/16	24110	6
29/64	24120	6
15/32	24130	6
31/64	24140	6
1/2	24150	6

Extra Length Drills

HIGH SPEED STEEL — 12" LONGBOY DRILLS - 118° SPLIT POINT

This general pupose 118° point high-speed steel drill is recommended for a wide range of deep hole production drilling applications.

DIAMETER (inches)	PART NO.	STD. PACK
1/8	27200	1
9/64	27210	1
5/32	27220	1
11/64	27230	1
3/16	27240	1
13/64	27250	1
7/32	27260	1
15/64	27270	1
1/4	27280	1
17/64	27290	1
9/32	27300	1
19/64		1
5/16	27320	1
21/64	27330	1
11/32	27340	1
23/64	27350	1

DIAMETER (inches)	PART NO.	STD. PACK
3/8	27360	1
25/64	27370	1
13/32	27380	1
27/64	27390	1
7/16	27400	1
29/64	27410	1
15/32	27420	1
31/64	27430	1
1/2	27440	1
17/32	27450	1
9/16	27460	1
19/32	27470	1
5/8	27480	1
11/16	27490	1
3/4	27500	1

Twin End Drills

TWIN END - ULTRA CUT GOLD - 135° SPLIT POINT

Special Hi-Molybdenum tool steel, gold surface treated for maximum lubricity. 135° split point for fast penetration and accurate starting without a centre punch. Extra rugged uncleared construction gives superior performance and less breakage.

DIAMETER INCHES	PART NO.	FLUTE LENGTH INCHES	STD. PACK
3/32	95090	9/16	12
7/64	95080	5/8	12
1/8	95980	5/8	12
9/64	95070	5/8	12
5/32	95060	5/8	12
3/16	95050	5/8	12
7/32	95040	3/4	12
1/4	95030	13/16	12

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Reduced Shank Drills – Prentice Drill Bits

1/2" SHANK SILVER & DEMING ULTRA CUT GOLD - 3 - FLATS ON SHANK HEAVY-DUTY - 135° SPLIT POINT

Special Hi-Molybdenum tool steel. 135° split point for fast penetration and accurate starting without a center punch. Sizes larger than 1" diameter have 118° split point. Precision ground point, flutes, body, clearance and drill diameter for the ultimate in accuracy and performance.

DIAMETER (inches)	PART NO.	STD. PACK
33/64	29550	1
17/32	29560	1
35/64	29570	1
9/16	29580	1
37/64	29590	1
19/32	29600	1
39/64	29610	1
5/8	29620	1
41/64	29630	1
21/32	29640	1
43/64	29650	1
11/16	29660	1
45/64	29670	1
23/32	29680	1
47/64	29690	1
3/4	29700	1
49/64	29710	1
25/32	29720	1
51/64	29730	1
13/16	29740	1
53/64	29750	1
27/32	29760	1

DIAMETER (inches)	PART NO.	STD. PACK
55/64	29770	1
7/8	29780	1
57/64	29790	1
29/32	29800	1
59/64	29810	1
15/16	29820	1
61/64	29830	1
31/32	29840	1
63/64	29850	1
1	29860	1
1-1/32	29870	1
1-1/16	29880	1
1-3/32	29890	1
1-1/8	29900	1
1-5/32	29910	1
1-3/16	29920	1
1-7/32	29930	1
1-1/4	29940	1
1-5/16	29950	1
1-3/8	29960	1
1-7/16	29970	1
1-1/2	29980	1

HIGH SPEED STEEL — 1/2" SHANK SILVER & DEMING - 118° GENERAL PURPOSE

This general purpose 118° point high-speed steel drill is recommended for use in portable air and electric drilling equipment with 1/2" chucks. Type 280 drills may be used in power applications such as drill presses where a short rigid drill is required.

DIAMETER (inches)	PART NO.	STD. PACK
33/64	29130	1
17/32	29140	1
35/64	29150	1
9/16	29160	1
37/64	29170	1
19/32	29180	1
39/64	29190	1
5/8	29200	1
41/64	29210	1
21/32	29220	1
43/64	29230	1
11/16	29240	1
45/64	29250	1
23/32	29260	1
47/64	29270	1
3/4	29280	1
49/64	29290	1
25/32	29300	1
51/64	29310	1
13/16	29320	1
53/64	29330	1
27/32	29340	1
55/64	29350	1
7/8	29360	1
57/64	29370	1

DIAMETER (inches)	PART NO.	STD. PACK
29/32	29380	1
59/64	29390	1
15/16	29400	1
61/64	29410	1
31/32	29420	1
63/64	29430	1
1"	29440	1
1-1/16	29450	1
1-1/8	29460	1
1-5/32	29470	1
1-3/16	29480	1
1-1/4	29490	1

Metric Drills

ULTRA CUT GOLD — JOBBER LENGTH - METRIC - 135° SPLIT POINT

Special Hi-Molybdenum tool steel with 135° split point for fast penetration and accurate starting without a centre punch. Precision ground point, flutes, body, clearance and drill diameter for the ultimate in accuracy and performance. Body and clearance are gold surface treated for maximum lubricity.

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DIAMETER (mm)	PART NO.	STD. PACK
0.80	48780	10
0.85	48790	10
0.90	48800	10
0.95	49990	10
0.98	48690	10
1.00	48820	10
1.05	48750	10
1.10	48840	10
1.15	48850	10
1.20	48860	10
1.30	48880	10
1.35	48890	10
1.40	48900	10
1.45	48910	10
1.50	48920	10
1.60	48940	10
1.65	48950	10

DIAMETER (mm)	PART NO.	STD. PACK
1.70	48960	10
1.75	48970	10
1.80	48980	10
1.90	49000	10
2.00	49020	10
2.05	49030	10
2.50	49120	10
2.90	49160	10
3.00	49170	10
3.30	49200	10
3.50	49220	10
4.00	49270	10
4.20	49290	10
4.50	49320	10
5.00	49370	10
5.50	49420	10
6.00	49470	10

DIAMETER (mm)	PART NO.	STD. PACK
6.50	49520	10
6.70	49540	10
6.80	49550	10
7.00	49570	10
7.50	49620	5
8.00	49670	5
8.50	49720	5
9.00	49770	5
9.50	49820	5
10.00	49870	5
10.20	49880	5
10.50	49890	5
11.00	49910	5
11.50	49930	5
12.00	49950	5
12.50	49970	5
13.00	49980	5

HIGH SPEED STEEL — JOBBER LENGTH - METRIC - 118° POINT GENERAL PURPOSE - SURFACE TREATED

This 118° point, high speed steel drill performs well in a wide variety of ferrous metal drilling applications. The black surface treatment prevents chip welding and increases abrasion resistance.

DIAMETER (mm)	PART NO.	STD. PACK
0.75	20630	10
0.80	20640	10
0.85	20650	10
0.90	20660	10
0.92	17141	10
0.95	20670	10
0.98	17091	10
1.00	20680	10
1.05	20690	10
1.10	20700	10
1.15	20710	10
1.17	29001	10

DIAMETER (mm)	PART NO.	STD. PACK
1.18	03742	10
1.20	20720	10
1.25	20730	10
1.30	20740	10
1.35	20750	10
1.40	20760	10
1.50	20780	10
1.60	20800	10
1.70	20820	10
1.75	20830	10
1.80	20840	10
1.90	20860	10

DIAMETER (mm)	PART NO.	STD. PACK
2.00	20880	10
2.50	20980	10
3.00	21040	10
3.20	21070	10
3.50	21110	10
4.00	21170	10
4.50	21230	10
4.80	21270	10
5.00	21290	10
5.50	21350	10
6.00	21410	10
6.50	21470	10

DIAMETER (mm)	PART NO.	STD. PACK
7.00	21530	10
7.50	21590	5
8.00	21650	5
8.50	21710	5
9.00	21770	5
9.50	21830	5
10.00	21890	5
10.50	21900	5
11.00	21910	5
11.50	21920	5
12.00	21930	5
12.50	21940	5
13.00	21950	5

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VIKING DRILL & TOOL

Taper Shank Drills

HIGH-SPEED STEEL, TAPER SHANK - SURFACE TREATED - PACKAGED INDIVIDUALLY.

Taper shank drills are made to fit tapered holders. They are designed to perform well under a variety of normal conditions in a wide range of materials.

DIAMETER (inches)	PART NO.	TAPER SHANK
1/8	14150	1
9/64	14160	1
5/32	14170	1
11/64	14180	1
3/16	14190	1
13/64	14200	1
7/32	14210	1
15/64	14220	1
1/4	14230	1
17/64	14240	1
9/32	14250	1
19/64	14260	1
5/16	14270	1
21/64	14280	1
11/32	14290	1
23/64	14300	1
3/8	14310	1
25/64	14320	1
13/32	14330	1
27/64	14340	1
7/16	14350	1
29/64	14360	1
15/32	14370	1
31/64	14380	2
1/2	14390	2
33/64	14400	2
17/32	14410	2
35/64	14420	2
9/16	14430	2
37/64	14440	2
19/32	14450	2
39/64	14460	2

DIAMETER (inches)	PART NO.	TAPER SHANK
5/8	14470	2
41/64	14480	2
21/32	14490	2
43/64	14500	2
11/16	14510	2
45/64	14520	2
23/32	14530	2
47/64	14540	2
3/4	14550	2
49/64	14560	2
25/32	14570	2
51/64	14580	3
13/16	14590	3
53/64	14600	3
27/32	14610	3
55/64	14620	3
7/8	14630	3
57/64	14640	3
29/32	14650	3
59/64	14660	3
15/16	14670	3
61/64	14680	3
31/32	14690	3
63/64	14700	3
1"	14710	3
1-1/64	14720	3
1-1/32	14730	3
1-3/64	14740	3
1-1/16	14750	3
1-5/64	14760	4
1-3/32	14770	4
1-7/64	14780	4

DIAMETER (inches)	PART NO.	TAPER SHANK
1-1/8	14790	4
1-9/64	14800	4
1-5/32	14810	4
1-11/64	14820	4
1-3/16	14830	4
1-13/64	14840	4
1-7/32	14850	4
1-15/64	14860	4
1-1/4	14870	4
1-17/64	14880	4
1-9/32	14890	4
1-19/64	14900	4
1-5/16	14910	4
1-21/64	14920	4
1-11/32	14930	4
1-23/64	14940	4
1-3/8	14950	4
1-25/64	14960	4
1-13/32	14970	4
1-27/64	14980	4
1-7/16	14990	4
1-29/64	15000	4
1-15/32	15010	4
1-31/64	15020	4
1-1/2	15030	4
1-17/32	15040	5
1-9/16	15050	5
1-19/32	15060	5
1-5/8	15070	5
1-21/32	15080	5
1-11/16	15090	5
1-23/32	15100	5

DIAMETER (inches)	PART NO.	TAPER SHANK
1-3/4	15110	5
1-25/32	15120	5
1-13/16	15130	5
1-27/32	15140	5
1-7/8	15150	5
1-29/32	15160	5
1-15/16	15170	5
1-31/32	15180	5
2"	15190	5
2-1/32	15200	5
2-1/16	15210	5
2-3/32	15220	5
2-1/8	15230	5
2-5/32	15240	5
2-3/16	15250	5
2-7/32	15260	5
2-1/4	15270	5
2-5/16	15280	5
2-3/8	15290	5
2-7/16	15300	5
2-1/2	15310	5
2-9/16	15320	5
2-5/8	15330	5
2-11/16	15340	5
2-3/4	15350	5
2-13/16	15360	5
2-7/8	15370	5
2-15/16	15380	5
3"	15390	5
3-1/8	15400	6
3-1/4	15410	6

Left Hand Spiral Drills

LEFT HAND SPIRAL DRILLS - ULTRA CUT GOLD

Special Hi-Molybdenum tool steel. 135° split point for fast penetration and accurate starting without centre punch. Ideal for drilling broken studs. Need for screw and bolt extractor may be eliminated. Left hand spiral drill may loosen the bolt stud while drilling a hole for use of the screw and bolt extractor.

DIAMETER INCHES	PART NO.	FLUTE LENGTH INCHES	STD. PACK
1/16	92430	7/8	6
5/64	23150	1	6
3/32	89290	1-1/4	6
7/64	23160	1-1/2	6
1/8	92440	1-5/8	6
5/32	23170	2	6
3/16	92450	2-5/16	6
1/4	92460	2-3/4	6
19/64	23180	3-1/16	3
5/16	92470	3-3/16	3
3/8	92480	3-5/8	3
7/16	92490	4-1/16	3
1/2	92500	4-1/2	3

VIKING DRILL
Proudly Manufactured in the U.S.A.

VIKING DRILL & TOOL

Ultra Cut Gold Drill Sets

Special Hi-Molybdenum tool steel. Precision ground points, flutes, body, clearance and drill diameter for the ultimate in accuracy and performance. Body and clearance are gold surface treated for maximum lubricity. Especially designed for hand held drills. Recommended for use in work hardening grades of stainless steel & other hard metal drilling applications.

JOBBER LENGTH DRILL SETS - 135° SPLIT POINT

DESCRIPTION	PART NO.	DESCRIPTION OF SIZES
11 Piece (SP-11M)	58650	1.0mm - 6.00mm by .5mm
13 Piece (SP-13)	44110	1/16 - 1/4 by 64ths
15 Piece (SP-15)	44120	1/16 - 1/2 by 32nds
21 Piece (SP-21)	44130	1/16 - 3/8 by 64ths
25 Piece (SP-25M)	58660	1.0mm - 13.00mm by .5mm
29 Piece (SP-29)	44150	1/16 - 1/2 by 64ths
29 Piece (Ultra-Dex)	44170	1/16 - 1/2 by 64ths
115 Piece (SP-115)	93840	1/16 - 1/2 by 64ths + A-Z & 1-60

13 Piece

29 Piece

115 Piece

Ultra-Dex

MECHANICS LENGTH DRILL SETS - 135° SPLIT POINT 3-FLATS ON SHANK 3/16 AND LARGER

DESCRIPTION	PART NO.	DESCRIPTION OF SIZES
15 Piece (SPM-15)	66470	1/16 - 1/2 by 32nds
21 Piece (SPM-21)	57810	1/16 - 3/8 by 64ths

LEFT HAND SPIRAL DRILL SET - 135° SPLIT POINT

DESCRIPTION	PART NO.	DESCRIPTION OF SIZES
8 Piece (LF-8)	87650	1/16 - 1/2 by 16ths

MECHANICS LENGTH DRILL SET - 135° SPLIT POINT BLACK & GOLD ULTRA BOR PREMIUM 3-FLATS ON SHANK 3/16 AND LARGER

NEW!!

DESCRIPTION	PART NO.	DESCRIPTION OF SIZES
29 Piece (SPM-29)	66480	1/16 - 1/2 by 64ths

"STUBBY" LENGTH DRILL SET - 135° SPLIT POINT

DESCRIPTION	PART NO.	DESCRIPTION OF SIZES
29 Piece (SPT-29)	66490	1/16 - 1/2 by 64ths

3/8" REDUCED SHANK DRILL SET - 135° SPLIT POINT 3-FLATS ON SHANK 3/16 AND LARGER

DESCRIPTION	PART NO.	DESCRIPTION OF SIZES
29 Piece (RSPM-29)	57920	1/16 - 1/2 by 64ths (3/8 - 1/2 have 3/8" shank)

1/2" SHANK SILVER & DEMING PRENTICE DRILL SET - 135° SPLIT POINT - 3-FLATS ON SHANK - HEAVY DUTY

DESCRIPTION	PART NO.	DESCRIPTION OF SIZES
8 Piece (S&D -8SP)	92400	9/16 - 1" by 16ths

Standard Drill Sets

COBALT - GOLD FINISH DRILL SET - HEAVY DUTY

Used in drilling hard tough metals, free machining stainless steel, high temperature alloys, titanium and certain plastics.

JOBBER LENGTH - 135° SPLIT POINT

DESCRIPTION	PART NO.	DESCRIPTION OF SIZES
29 Piece (D-29)	68400	1/16 - 1/2 by 64ths

TITANIUM NITRITE COATED DRILL SET - HEAVY DUTY

Titanium nitrite coated, 135° split point drill performs well in very demanding applications. The TiN coating provides a super hard surface with high lubricity. The tool life may be extended 500% or more in high wear or very abrasive applications.

JOBBER LENGTH - 135° SPLIT POINT

DESCRIPTION	PART NO.	DESCRIPTION OF SIZES
29 Piece (AN-29)	96690	1/16 - 1/2 by 64ths

SURFACE TREATED DRILL SETS - HEAVY DUTY

The standard length yields a sturdier drill with less flexing. This resistance to flexing may provide longer life than other drills in many applications. The 125° split point allows cutting of harder materials than general purpose drills. The split point reduces the tendency of the drill to walk and allow for reduced thrust in drilling harder materials.

STANDARD LENGTH - 125° SPLIT POINT

DESCRIPTION	PART NO.	DESCRIPTION OF SIZES
13 Piece (CAD-13A)	43342	1/16 - 1/4 by 64ths
15 Piece (CAD-15A)	43352	1/16 - 1/2 by 32nds
21 Piece (CAD-21A)	43362	1/16 - 3/8 by 64ths
29 Piece (CAD-29A)	43382	1/16 - 1/2 by 64ths

VIKING DRILL
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VIKING DRILL & TOOL

Standard Drill Sets

BLACK SURFACE TREATED DRILL SETS - GENERAL PURPOSE

Performs well in a variety of ferrous metal drilling applications. The black surface treatment prevents chip welding and increases abrasion resistance.

JOBBER LENGTH - 118° POINT

DESCRIPTION	PART NO.	DESCRIPTION OF SIZES
13 Piece (B-13)	42020	1/16 - 1/4 by 64ths
15 Piece (B-15)	42030	1/16 - 1/2 by 32nds
21 Piece (B-21)	42050	1/16 - 3/8 by 64ths
29 Piece (B-29)	42070	1/16 - 1/2 by 64ths

JOBBER LENGTH - METRIC - 118° POINT

DESCRIPTION	PART NO.	DESCRIPTION OF SIZES
11 Piece (M-11)	44050	1.0mm - 6.00 by .5mm
25 Piece (M-25)	44060	1.0mm - 13.0mm by .5mm

BRIGHT FINISH DRILL SETS - GENERAL PURPOSE

This high speed steel drill performs well in a wide variety of drilling applications. It is recommended for non-ferrous metals, wood and plastics. Drills in plastic case.

JOBBER LENGTH - 118° POINT

DESCRIPTION	PART NO.	DESCRIPTION OF SIZES
7 Piece	44267	1/16 - 1/4 by 32nds
13 Piece	44287	1/16 - 1/4 by 64ths

29 Piece

15 Piece

Displays & Cabinets

STOCKED MASTER DRILL DISPENSERS - FRACTIONAL DRILLS - 300 PIECE ASSORTMENTS

These assortments are complete with glass front display. The case stocks 29 fractional sizes - 1/16" through 1/2" by 64ths - each size in a separate compartment. Individual compartments are plainly marked with drill sizes. Drills will be attractively displayed yet secure with the glass locking cover. Cabinet is available separately as well, empty.

PART NO.	DRILL TYPE
06490	Ultra Cut Gold
54750	Black Surface Treated - General Purpose
68460	Cobalt Gold Finish - Heavy Duty

Dispenser Cabinet Only - Part No. 44950.

CLOSED (3-) DRAWER ALL-STEEL STOCKING CASE FOR FRACTIONAL DRILLS

Individual compartments are plainly marked with drill sizes.
Part No. 44920.

Indexes

ROUND ULTRA-DEX INDEX ONLY (DRILLS NOT INCLUDED)

•Weather tight •Waterproof •Industructable •Fits any 29 pc. jobber length drills
Part No. 56270.

JOBBER INDEXES ONLY (DRILLS NOT INCLUDED)

Part No. 43760, fits any 13 pc. jobber length drills.
Part No. 43770, fits any 15 pc. jobber length drills.
Part No. 43790, fits any 21 pc. jobber length drills.
Part No. 43810, fits any 29 pc. jobber length drills.
Part No. 43940, fits any 115 pc. jobber length drills.

VIKING DRILL
Proudly Manufactured in the U.S.A.

Spiral Point Taps

ULTRA CUT GOLD

Special Hi-Tungsten and Hi-Molybdenum tool steels, gold surface treated for maximum lubricity. Spiral point construction drives chips ahead of the tap, permitting higher speeds and faster cutting with less torque. Precision ground threads for the ultimate in accuracy and performance. Recommended for stainless and other hard metals. Plug style spiral pointed taps are ideal for production tapping of through holes.

PLUG STYLE

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
0-80	60100	2	3
1-64	60110	2	3
1-72	60120	2	3
2-56	60130	2	3
2-64	60140	2	3
3-48	60150	2	3
3-56	60160	2	3
4-40	60170	2	3
4-48	60180	2	3
4-36	60190	2	3
5-40	60200	2	3
5-44	60210	2	3
6-32	60220	2	3
6-40	60230	2	3
8-32	60240	2	3
8-36	60250	2	3
10-24	60260	2	3

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
10-32	60270	2	3
12-24	60280	2	3
12-28	60290	2	3
1/4-20	60320	2	3
1/4-28	60330	2	3
5/16-18	60340	2	3
5/16-24	60350	2	3
3/8-16	60360	3	3
3/8-24	60370	3	3
7/16-14	60380	3	3
7/16-20	60390	3	3
1/2-13	60400	3	3
1/2-20	60410	3	3
5/8-11	60420	3	1
5/8-18	60430	3	1
3/4-10	60440	3	1
3/4-16	60450	3	1

PLUG STYLE - METRIC

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
2.5x0.45	60500	2	3
3.0x0.50	60510	2	3
3.5x0.60	60520	2	3
4.0x0.70	60530	2	3
5.0x0.80	60550	2	3
6.0x1.00	60560	2	3
8.0x1.25	60580	2	3
10.0x1.50	60600	3	3
12.0x1.75	60620	3	3
14.0 x 2.00	60630	3	1
16.0 x 2.00	60640	3	1
18.0 x 2.50	60650	3	1

NPT Taper Pipe Taps

ULTRA CUT GOLD

Special Hi-Tungsten and Hi-Molybdenum tool steels, black surface treated threads for wear resistance and gold surface treated body for rich, high quality appearance. Precision ground threads for the ultimate in accuracy and performance. With 3 to 3 & 1/2 thread chamfer.

PLUG STYLE

SIZE	PART NO.	NO. OF FLUTES	TAP DRILL SIZE	STD. PACK
1/8-27(5/16 SHK)	61240	4	11/32	3
1/8-27	61250	4	11/32	3
1/4-18	61260	4	7/16	3
3/8-18	61270	4	37/64	1
1/2-14	61280	4	23/32	1

SIZE	PART NO.	NO. OF FLUTES	TAP DRILL SIZE	STD. PACK
3/4-14	61290	5	59/64	1
1"-11 1/2	61300	5	1-5/32	1
1 1/4-11 1/2	61310	5	1-1/2	1
1 1/2-11 1/2	61320	7	1-47/64	1
2"-11 1/2	61330	7	2-7/32	1

VIKING DRILL & TOOL
Straight Flute Taps

ULTRA CUT GOLD

Special Hi-Tungsten and Hi-Molybdenum tool steels, gold surface treated for maximum lubricity. For general use in production tapping or hand operations. Precision ground threads for the ultimate in accuracy and performance. Taper, plug and bottoming styles provide great versatility in tough materials, both blind and through holes.

TAPER STYLE

Taper Style - Starts the thread square with workpiece.

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
2-56	60660	3	3
3-48	60680	3	3
4-40	60700	3	3
5-40	60730	3	3
6-32	60750	3	3
6-40	60760	3	3
8-32	60770	4	3
8-36	60780	4	3
10-24	60790	4	3
10-32	60800	4	3
12-24	60810	4	3
12-28	60820	4	3
1/4-20	60830	4	3
1/4-28	60840	4	3
5/16-18	60850	4	3
5/16-24	60860	4	3
3/8-16	60870	4	3
3/8-24	60880	4	3
7/16-14	60890	4	3
7/16-20	60900	4	3
1/2-13	60910	4	3
1/2-20	60920	4	3
9/16-12	60950	4	1
9/16-18	60960	4	1
5/8-11	60970	4	1
5/8-18	60980	4	1
3/4-10	60990	4	1
3/4-16	61400	4	1
7/8-9	61410	4	1
7/8-14	61420	4	1
1”-8	61430	4	1
1”-12	61440	4	1
1”-14	27570	4	1
1 1/8-7	61450	4	1
1 1/8-12	61460	4	1
1 1/4-7	61470	4	1
1 1/4-12	61480	6	1
1 3/8-6	61490	4	1
1 3/8-12	61500	6	1
1 1/2-6	61510	4	1
1 1/2-12	61520	6	1

PLUG STYLE

Plug Style - Generally used in thru holes or in blind holes with sufficient clearance.

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
2-56	60661	3	3
3-48	60681	3	3
4-40	60701	3	3
5-40	60731	3	3
6-32	60751	3	3
6-40	60761	3	3
8-32	60771	4	3
8-36	60781	4	3
10-24	60791	4	3
10-32	60801	4	3
12-24	60811	4	3
12-28	60821	4	3
1/4-20	60831	4	3
1/4-28	60841	4	3
5/16-18	60851	4	3
5/16-24	60861	4	3
3/8-16	60871	4	3
3/8-24	60881	4	3
7/16-14	60891	4	3
7/16-20	60901	4	3
1/2-13	60911	4	3
1/2-20	60921	4	3
9/16-12	60951	4	1
9/16-18	60961	4	1
5/8-11	60971	4	1
5/8-18	60981	4	1
3/4-10	60991	4	1
3/4-16	61401	4	1
7/8-9	61411	4	1
7/8-14	61421	4	1
1”-8	61431	4	1
1”-12	61441	4	1
1”-14	27571	4	1
1 1/8-7	61451	4	1
1 1/8-12	61461	4	1
1 1/4-7	61471	4	1
1 1/4-12	61481	6	1
1 3/8-6	61491	4	1
1 3/8-12	61501	6	1
1 1/2-6	61511	4	1
1 1/2-12	61521	6	1

BOTTOMING STYLE

Bottoming Style - Generates the thread to the bottom of blind holes.

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
2-56	60662	3	3
3-48	60682	3	3
4-40	60702	3	3
5-40	60732	3	3
6-32	60752	3	3
6-40	60762	3	3
8-32	60772	4	3
8-36	60782	4	3
10-24	60792	4	3
10-32	60802	4	3
12-24	60812	4	3
12-28	60822	4	3
1/4-20	60832	4	3
1/4-28	60842	4	3
5/16-18	60852	4	3
5/16-24	60862	4	3
3/8-16	60872	4	3
3/8-24	60882	4	3
7/16-14	60892	4	3
7/16-20	60902	4	3
1/2-13	60912	4	3
1/2-20	60922	4	3
9/16-12	60952	4	1
9/16-18	60962	4	1
5/8-11	60972	4	1
5/8-18	60982	4	1
3/4-10	60992	4	1
3/4-16	61402	4	1
7/8-9	61412	4	1
7/8-14	61422	4	1
1”-8	61432	4	1
1”-12	61442	4	1
1”-14	27572	4	1
1 1/8-7	61452	4	1
1 1/8-12	61462	4	1
1 1/4-7	61472	4	1
1 1/4-12	61482	6	1
1 3/8-6	61492	4	1
1 3/8-12	61502	6	1
1 1/2-6	61512	4	1
1 1/2-12	61522	6	1

VIKING DRILL
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Straight Flute Taps – Metric

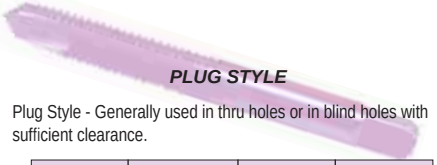
ULTRA CUT GOLD

Special Hi-Tungsten and Hi-Molybdenum tool steels, gold surface treated for maximum lubricity. For general use in production tapping or hand operations. Precision ground threads for the ultimate in accuracy and performance. Taper, plug and bottoming styles provide great versatility in tough materials, both blind and through holes.

TAPER STYLE

Taper Style - Starts the thread square with workpiece.

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
2.5-.45	60379	3	3
3.0-.50	60389	3	3
3.5-.60	60519	3	3
4.0-.70	60529	4	3
4.5-.75	60369	4	3
5.0-.80	60539	4	3
6.0-1.00	60549	4	3
7.0-1.00	60559	4	3
8.0-1.00	60569	4	3
8.0-1.25	60579	4	3
10.0-1.25	60589	4	3
10.0-1.50	60611	4	3
12.0-1.25	61601	4	3
12.0-1.75	61602	4	3
14.0-1.50	61603	4	1
14.0-2.00	61604	4	1
16.0-1.50	61609	4	1
16.0-2.00	61611	4	1
18.0-2.50	61612	4	1
20.0-2.50	61613	4	1
24.0-3.00	61614	4	1
27.0-3.00	61619	4	1
30.0-3.50	61621	4	1
33.0-3.50	61622	4	1
36.0-4.00	61623	4	1
39.0-4.00	61624	4	1



PLUG STYLE

Plug Style - Generally used in thru holes or in blind holes with sufficient clearance.

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
2.5-.45	61629	3	3
3.0-.50	61631	3	3
3.5-.60	61632	3	3
4.0-.70	61633	4	3
4.5-.75	61634	4	3
5.0-.80	61639	4	3
6.0-1.00	61641	4	3
7.0-1.00	61642	4	3
8.0-1.00	61643	4	3
8.0-1.25	61644	4	3
10.0-1.25	61649	4	3
10.0-1.50	61651	4	3
12.0-1.25	61652	4	3
12.0-1.75	61653	4	3
14.0-1.50	61654	4	1
14.0-2.00	61659	4	1
16.0-1.50	61661	4	1
16.0-2.00	61662	4	1
18.0-2.50	61663	4	1
20.0-2.50	61664	4	1
24.0-3.00	61669	4	1
27.0-3.00	61671	4	1
30.0-3.50	61672	4	1
33.0-3.50	61673	4	1
36.0-4.00	61674	4	1
39.0-4.00	61679	4	1

BOTTOMING STYLE

Bottoming Style - Generates the thread to the bottom of blind holes.

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
2.5-.45	61681	3	3
3.0-.50	61682	3	3
3.5-.60	61683	3	3
4.0-.70	61684	4	3
4.5-.75	61689	4	3
5.0-.80	61691	4	3
6.0-1.00	61692	4	3
7.0-1.00	61693	4	3
8.0-1.00	61694	4	3
8.0-1.25	61699	4	3
10.0-1.25	61701	4	3
10.0-1.50	61702	4	3
12.0-1.25	61703	4	3
12.0-1.75	61704	4	3
14.0-1.50	61709	4	1
14.0-2.00	61711	4	1
16.0-1.50	61712	4	1
16.0-2.00	61713	4	1
18.0-2.50	61714	4	1
20.0-2.50	61719	4	1
24.0-3.00	61721	4	1
27.0-3.00	61722	4	1
30.0-3.50	61723	4	1
33.0-3.50	61724	4	1
36.0-4.00	61729	4	1
39.0-4.00	61731	4	1

Spiral Point Taps

HIGH-SPEED STEEL - GENERAL PURPOSE

Manufactured using high-speed tool steel, bright polished finish. Spiral point construction drives chips ahead of the tap, permitting higher speeds and faster cutting with less torque. Precision ground threads for accuracy and performance. Recommended for those higher tensile strength production tapping applications. Plug style spiral pointed taps are ideal for production tapping of through holes.

PLUG STYLE

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
0-80	60101	2	3
1-64	60111	2	3
1-72	60121	2	3
2-56	60131	2	3
2-64	60141	2	3
3-48	60151	2	3
3-56	60161	2	3
4-40	60171	2	3
4-48	60181	2	3
4-36	60191	2	3
5-40	60201	2	3
5-44	60211	2	3
6-32	60221	2	3
6-40	60231	2	3
8-32	60241	2	3
8-36	60251	2	3
10-24	60261	2	3
10-32	60271	2	3
12-24	60281	2	3
12-28	60291	2	3
1/4-20	60321	2	3
1/4-28	60331	2	3
5/16-18	60341	2	3
5/16-24	60351	3	3
3/8-16	60361	3	3
3/8-24	60371	3	3
7/16-14	60381	3	3
7/16-20	60391	3	3
1/2-13	60401	3	3
1/2-20	60411	3	3
9/16-12	60461	3	1
9/16-18	60471	3	1
5/8-11	60421	3	1
5/8-18	60431	3	1
3/4-10	60441	3	1
3/4-16	60451	3	1
7/8-9	60481	3	1
7/8-14	60491	3	1
1"-8	60499	3	1
1"-12	60501	3	1
1"-14	60509	3	1

PLUG STYLE - METRIC

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
3.0-0.50	60102	2	3
3.5-0.60	60103	2	3
4.0-0.70	60104	2	3
5.0-0.80	60114	2	3
6.0-0.75	60122	2	3
6.0-1.00	60124	2	3
7.0-1.00	60132	2	3
8.0-1.25	60234	2	3
10.0-1.50	60152	3	3
11.0-1.50	60153	3	3
12.0-1.75	60162	3	3
14.0-2.00	60164	3	1
16.0-2.00	60173	3	1
18.0-2.50	60174	3	1

VIKING DRILL
Proudly Manufactured in the U.S.A.

Cutting Tools

HIGH SPEED STEEL - GENERAL PURPOSE

Manufactured using high-speed tool steel, bright polished finish. For general use in production tapping or hand operations. Precision ground threads for accuracy and performance. Taper, plug and bottoming styles provide great versatility in many materials, both blind and through holes.

TAPER STYLE

Taper Style - Starts the thread square with workpiece.

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
4-40	61001	3	3
4-48	61011	3	3
5-40	61021	3	3
5-44	61031	3	3
6-32	61041	3	3
6-40	61051	3	3
8-32	61061	4	3
8-36	61071	4	3
10-24	61081	4	3
10-32	61091	4	3
12-24	61101	4	3
12-28	61111	4	3
1/4-20	61121	4	3
1/4-28	61131	4	3

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
5/16-18	61141	4	3
5/16-24	61151	4	3
3/8-16	61161	4	3
3/8-24	61171	4	3
7/16-14	61181	4	3
7/16-20	61191	4	3
1/2-13	61201	4	3
1/2-20	61211	4	3
9/16-12	55011	4	1
9/16-18	55021	4	1
5/8-11	55031	4	1
5/8-18	55041	4	1
3/4-10	55051	4	1
3/4-16	55061	4	1

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
7/8-9	55071	4	1
7/8-14	55081	4	1
1”-8	55091	4	1
1”-12	55101	4	1
1”-14	55111	4	1
1 1/8-7	55121	4	1
1 1/8-12	55131	4	1
1 1/4-7	55141	4	1
1 1/4-12	55151	6	1
1 3/8-6	55161	4	1
1 3/8-12	55171	6	1
1 1/2-6	55181	4	1
1 1/2-12	55191	6	1

PLUG STYLE

Plug Style - Generally used in thru holes or in blind holes with sufficient clearance.

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
4-40	61002	3	3
4-48	61012	3	3
5-40	61022	3	3
5-44	61032	3	3
6-32	61042	3	3
6-40	61052	3	3
8-32	61062	4	3
8-36	61072	4	3
10-24	61082	4	3
10-32	61092	4	3
12-24	61102	4	3
12-28	61112	4	3
1/4-20	61122	4	3
1/4-28	61132	4	3

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
5/16-18	61142	4	3
5/16-24	61152	4	3
3/8-16	61162	4	3
3/8-24	61172	4	3
7/16-14	61182	4	3
7/16-20	61192	4	3
1/2-13	61202	4	3
1/2-20	61212	4	3
9/16-12	55012	4	1
9/16-18	55022	4	1
5/8-11	55032	4	1
5/8-18	55042	4	1
3/4-10	55052	4	1
3/4-16	55062	4	1

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
7/8-9	55072	4	1
7/8-14	55082	4	1
1”-8	55092	4	1
1”-12	55102	4	1
1”-14	55112	4	1
1 1/8-7	55122	4	1
1 1/8-12	55132	4	1
1 1/4-7	55142	4	1
1 1/4-12	55152	6	1
1 3/8-6	55162	4	1
1 3/8-12	55172	6	1
1 1/2-6	55182	4	1
1 1/2-12	55192	6	1

BOTTOMING STYLE

Bottoming Style - Generates the thread to the bottom of blind holes.

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
4-40	61003	3	3
4-48	61013	3	3
5-40	61023	3	3
5-44	61033	3	3
6-32	61043	3	3
6-40	61053	3	3
8-32	61063	4	3
8-36	61073	4	3
10-24	61083	4	3
10-32	61093	4	3
12-24	61103	4	3
12-28	61113	4	3
1/4-20	61123	4	3
1/4-28	61133	4	3

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
5/16-18	61143	4	3
5/16-24	61153	4	3
3/8-16	61163	4	3
3/8-24	61173	4	3
7/16-14	61183	4	3
7/16-20	61193	4	3
1/2-13	61203	4	3
1/2-20	61213	4	3
9/16-12	55013	4	1
9/16-18	55023	4	1
5/8-11	55033	4	1
5/8-18	55043	4	1
3/4-10	55053	4	1
3/4-16	55063	4	1

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
7/8-9	55073	4	1
7/8-14	55083	4	1
1”-8	55093	4	1
1”-12	55103	4	1
1”-14	55113	4	1
1 1/8-7	55123	4	1
1 1/8-12	55133	4	1
1 1/4-7	55143	4	1
1 1/4-12	55153	6	1
1 3/8-6	55163	4	1
1 3/8-12	55173	6	1
1 1/2-6	55183	4	1
1 1/2-12	55193	6	1

VIKING DRILL
Proudly Manufactured in the U.S.A.

Hi-Carbon Steel Taps

Made of super tough carbon steel, these taps are ideal for hand tapping applications. All taps have the size drill to use permanently marked on the tap.

PLUG - FRACTIONAL

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
1/4x20	55030	4	3
1/4x28	55040	4	3
5/16x18	55050	4	3
5/16x24	55060	4	3
3/8x16	55070	4	3
3/8x24	55080	4	3
7/16x14	55090	4	3
7/16x20	55100	4	3
1/2x13	55110	4	3
1/2x20	55120	4	3
9/16x12	55130	4	1
9/16x18	55140	4	1
5/8x11	55150	4	1
5/8x18	55720	4	1
11/16x11	55730	4	1
11/16x16	55740	4	1
3/4x10	55160	4	1
3/4x16	55890	4	1
7/8x9	55170	4	1
7/8x14	55180	4	1
1x8	55190	4	1
1x12	55200	4	1
1x14	55210	4	1

TAPER - FRACTIONAL

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
1/4x20	55270	4	3
1/4x28	55280	4	3
5/16x18	55290	4	3
5/16x24	55300	4	3
3/8x16	55310	4	3
3/8x24	55320	4	3
7/16x14	55330	4	3
7/16x20	55340	4	3
1/2x13	55350	4	3
1/2x20	55360	4	3
9/16x12	55370	4	1
9/16x18	55380	4	1
5/8x11	55390	4	1
5/8x18	55460	4	1
11/16x11	55470	4	1
11/16x16	55480	4	1
3/4x10	55400	4	1
3/4x16	55710	4	1
7/8x9	55410	4	1
7/8x14	55420	4	1
1x8	55430	4	1
1x12	55440	4	1
1x14	55450	4	1

BOTTOMING - FRACTIONAL

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
1/4x20	55520	4	3
1/4x28	55530	4	3
5/16x18	55540	4	3
5/16x24	55550	4	3
3/8x16	55560	4	3
3/8x24	55570	4	3
7/16x14	55580	4	3
7/16x20	55590	4	3
1/2x13	55600	4	3
1/2x20	55610	4	3
9/16x12	55620	4	1
9/16x18	55630	4	1
5/8x11	55640	4	1
5/8x18	56040	4	1
11/16x11	56050	4	1
11/16x16	56060	4	1
3/4x10	55650	4	1
3/4x16	56070	4	1
7/8x9	55660	4	1
7/8x14	55670	4	1
1x8	55680	4	1
1x12	55690	4	1
1x14	55700	4	1

PLUG - MACHINE SCREW

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
0x80	54860	3	3
1x64	54870	3	3
1x72	54880	3	3
2x56	54890	3	3
2x64	54900	3	3
3x48	54910	3	3
3x56	54920	3	3
4x36	55750	3	3
4x40	55760	3	3
5x40	55770	3	3
6x32	55780	3	3
6x40	55790	3	3
6x48	55800	3	3
8x32	55810	3	3
8x36	55820	3	3
8x40	55830	3	3
10x24	55840	3	3
10x32	55850	3	3
12x24	55860	3	3
12x28	55870	3	3

TAPER - MACHINE SCREW

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
0x80	54790	3	3
1x64	54800	3	3
1x72	54810	3	3
2x56	54820	3	3
2x64	54830	3	3
3x48	54840	3	3
3x56	54850	3	3
4x36	55900	3	3
4x40	55910	3	3
5x40	55920	3	3
6x32	55930	3	3
6x40	55940	3	3
6x48	55950	3	3
8x32	55960	3	3
8x36	55970	3	3
8x40	55980	3	3
10x24	55990	3	3
10x32	56000	3	3
12x24	56010	3	3
12x28	56020	3	3

BOTTOMING - MACHINE SCREW

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
0x80	54930	3	3
1x64	54940	3	3
1x72	54950	3	3
2x56	54960	3	3
2x64	54970	3	3
3x48	54980	3	3
3x56	54990	3	3
4x36	56100	3	3
4x40	56110	3	3
5x40	56120	3	3
6x32	56130	3	3
6x40	56140	3	3
6x48	56150	3	3
8x32	56160	3	3
8x36	56170	3	3
8x40	56180	3	3
10x24	56190	3	3
10x32	56200	3	3
12x24	56210	3	3
12x28	56220	3	3

Plug Style - Generally used in through holes or in blind holes with sufficient clearance. 3 to 5 threads chamfered. For general use when tapping to the bottom of the hole is not critical. (This is the most widely used style.)

Taper Style - Starts the thread square with workpiece. 8 to 10 threads chamfered for easy thread starting in tough materials.

Bottoming Style - Generates the thread to the bottom of blind holes. 1½ threads chamfered. To use after threads have been started for tapping to the bottom of a hole.

VIKING DRILL
Proudly Manufactured in the U.S.A.

VIKING DRILL & TOOL
Hi-Carbon Steel Taps

HI-CARBON STEEL METRIC PLUG TAPS

All popular sizes offered for foreign car, motorcycle and machinery threading needs. Made of tough carbon steel to exacting specifications. Permanently marked with drill size to use.

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
3x.50	83010	4	3
3x.60	83020	4	3
4x.70	83030	4	3
4x.75	83040	4	3
5x.80	83050	4	3
5x.90	83060	4	3
6x1.00	83070	4	3
7x1.00	83080	4	3
8x1.00	84230	4	3
8x1.25	83090	4	3
9x1.00	83100	4	3
9x1.25	83110	4	3
10x1.00	56800	4	3
10x1.25	83130	4	3

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
10x1.50	83140	4	3
11x1.50	83150	4	3
12x1.25	84240	4	3
12x1.50	83160	4	3
12x1.75	83170	4	3
14x1.25	56810	4	1
14x1.50	84250	4	1
14x2.00	83190	4	1
16x1.50	83200	4	1
16x2.00	83210	4	1
18x1.50	56820	4	1
18x2.00	84260	4	1
18x2.50	83230	4	1

HI-CARBON STEEL NPT PIPE TAPS

SIZE	PART NO.	NO. OF FLUTES	STD. PACK
1/8 x 27	56910	4	3
1/4 x 18	56920	4	3
3/8 x 18	56930	4	1
1/2 x 14	56940	4	1
3/4 x 14	56950	4	1
1 x 11½	56960	4	1
1¼ x 11½	56970	4	1
1½ x 11½	56980	7	1
2 x 11-1/2	56990	6	1

Hexagon High-Speed Steel Dies

ULTRA CUT GOLD

Special Hi-Molybdenum tool steel, polished gold finish with black surface treated threads for long life and rich appearance. These dies are used for threading rods, bolts, studs and other pieces requiring external threads. The outside hex configuration allows both wrench and die stock use in threading.

SIZE	PART NO.	ACROSS FLATS	STD. PACK
4-40	61000	1"	3
6-32	61010	1"	3
8-32	61020	1"	3
10-24	61030	1"	3
10-32	61040	1"	3
12-24	61050	1"	3
1/4-20	61060	1"	3
1/4-28	61070	1"	3
5/16-18	61080	1"	3
5/16-24	61090	1"	3
3/8-16	61100	1"	3
3/8-24	61110	1"	3
7/16-14	61120	1"	3
7/16-20	61130	1"	3
1/2-13	61140	1"	3
1/2-20	61150	1"	3

SIZE	PART NO.	ACROSS FLATS	STD. PACK
9/16-12	61160	1-7/16"	1
9/16-18	61170	1-7/16"	1
5/8-11	61180	1-7/16"	1
5/8-18	61190	1-7/16"	1
3/4-10	61200	1-7/16"	1
3/4-16	61210	1-7/16"	1
1/8-27 NPT	61220	1"	1
1/4-18 NPT	61230	1-7/16"	1
3.0 x 0.50	60511	1"	3
3.5 x 0.60	60521	1"	3
4.0 x 0.70	60531	1"	3
5.0 x 0.80	60551	1"	3
6.0 x 1.00	60561	1"	3
8.0 x 1.25	60581	1"	3
10.0 x 1.50	60601	1"	3
12.0 x 1.75	60621	1-7/16"	1
14.0 x 1.50	60622	1-7/16"	1

VIKING DRILL
Proudly Manufactured in the U.S.A.

Hi-Carbon Steel Dies

HEX STYLE AND ADJUSTABLE STYLE & ROUND STYLE - HI-CARBON STEEL DIES

These dies are made of high quality carbon tool steel and meet the highest industry specifications.

HEX - MACHINE SCREW & FRACTIONAL SIZES

SIZE	PART NO.	ACROSS FLATS	STD. PACK
4x40	86000	1”	3
4x36	86010	1”	3
5x40	86020	1”	3
6x32	86030	1”	3
8x32	86040	1”	3
10x24	86050	1”	3
10x32	86060	1”	3
12x24	86070	1”	3
14x20	86080	1”	3
3/16x24	86100	1”	3
3/16x32	86110	1”	3
1/4x20	86120	1”	3
1/4x28	86130	1”	3
5/16x18	86140	1”	3
5/16x24	86150	1”	3
3/8x16	86160	1”	3
3/8x24	86170	1”	3
7/16x14	86180	1”	3
7/16x20	86190	1”	3
1/2x13	86200	1”	3
1/2x20	86210	1”	3
9/16x12	86220	1-7/16”	1
9/16x18	86230	1-7/16”	1
5/8x11	86240	1-7/16”	1
5/8x18	86250	1-7/16”	1
11/16x11	86260	1-7/16”	1
11/16x16	86270	1-7/16”	1
3/4x10	86280	1-7/16”	1
3/4x16	86290	1-7/16”	1
7/8x9	86300	1-5/8”	1
7/8x14	86310	1-5/8”	1
1x8	86320	1-13/16”	1
1x12	86330	1-13/16”	1
1x14	86340	1-13/16”	1
1/8x27NPT	86350	1”	1
1/4x18NPT	86360	1”	1

HEX - METRIC SIZES

SIZE	PART NO.	ACROSS FLATS	STD. PACK
3x.60	84010	1”	3
4x.70	84020	1”	3
4x.75	84030	1”	3
5x.80	84040	1”	3
5x.90	84050	1”	3
6x1.00	84060	1”	3
7x1.00	84070	1”	3
8x1.00	84270	1”	3
8x1.25	84080	1”	3
9x1.00	84090	1”	3
9x1.25	84100	1”	3
10x1.00	84110	1”	3
10x1.25	84120	1”	3
10x1.50	84130	1”	3
11x1.50	84140	1”	3
12x1.25	84280	1”	3
12x1.50	84150	1”	3
12x1.75	84160	1”	3
14x1.25	84170	1-1/2”	1
14x1.50	84290	1-1/2”	1
14x2.00	84180	1-1/2”	1
16x1.50	84190	1-1/2”	1
16x2.00	84200	1-1/2”	1
18x1.50	84210	1-1/2”	1
18x2.00	84300	1-1/2”	1
18x2.50	84220	1-1/2”	1

ADJUSTABLE - MACHINE SCREW & FRACTIONAL SIZES

SIZE	PART NO.	ACROSS FLATS	STD. PACK
0x80	85000	1”	3
1x64	85010	1”	3
1x72	85020	1”	3
2x56	85030	1”	3
2x64	85040	1”	3
3x48	85050	1”	3
3x56	85060	1”	3
4x40	85070	1”	3
4x36	85080	1”	3
5x40	85090	1”	3
6x32	85100	1”	3
8x32	85110	1”	3
10x24	85120	1”	3
10x32	85130	1”	3
12x24	85140	1”	3
14x20	85150	1”	3
3/16x24	85170	1”	3
3/16x32	85180	1”	3
1/4x20	85190	1”	3
1/4x28	85200	1”	3
5/16x18	85210	1”	3
5/16x24	85220	1”	3
3/8x16	85230	1”	3
3/8x24	85240	1”	3
7/16x14	85250	1”	3
7/16x20	85260	1”	3
1/2x13	85270	1”	3
1/2x20	85280	1”	3
9/16x12	85290	1-15/16”	1
9/16x18	85300	1-15/16”	1
5/8x11	85310	1-15/16”	1
5/8x18	85320	1-15/16”	1
11/16x11	85330	1-15/16”	1
11/16x16	85340	1-15/16”	1
3/4x10	85350	1-15/16”	1
3/4x16	85360	1-15/16”	1
7/8x9	85370	1-15/16”	1
7/8x14	85380	1-15/16”	1
1x8	85390	1-15/16”	1
1x12	85400	1-15/16”	1
1x14	85410	1-15/16”	1
1/8x27NPT	85420	1”	3
1/4x18NPT	85430	1”	3
3/8x18NPT	85440	1-7/16”	1
1/2x14NPT	85450	1-7/16”	1

ROUND - MACHINE SCREW & FRACTIONAL SIZES

SIZE	PART NO.	ACROSS FLATS	STD. PACK
4x40	53610	1”	3
5x40	53620	1”	3
6x32	53630	1”	3
8x32	53640	1”	3
10x24	53650	1”	3
10x32	53660	1”	3
12x24	53670	1”	3
14x20	53680	1”	3
3/16x24	53690	1”	3
3/16x32	53700	1”	3
1/4x20	53710	1”	3
1/4x28	53720	1”	3
5/16x18	53730	1”	3
5/16x24	53820	1”	3
3/8x16	53740	1”	3
3/8x24	53750	1”	3
7/16x14	53760	1”	3
7/16x20	53830	1”	3
1/2x13	53770	1”	3
1/2x20	53780	1”	3
1/2x24	53790	1”	3
1/8x27NPT	53800	1”	3
1/4x18NPT	53810	1”	3

TIPS

Hexagonal Dies - these are also used for restoring damaged threads. Hex shape allows them to be driven in cramped quarters with a wrench.

Adjustable Dies - these dies have a recessed adjusting bolt so threads can be cut slightly undersize or oversize.

Round Dies - inexpensive round dies are 1” wide. They will thread rods up to 1/2” diameter.

VIKING DRILL
Proudly Manufactured in the U.S.A.

TAP & REAMER WRENCH — PROFESSIONAL QUALITY

Hardened steel jaws. Adjusts easily by turning handles.
Part No. 50350, for tap sizes 1/4-3/4.
Part No. 50360, for tap sizes 1/2-1-1/8.
Part No. 50347, for tap sizes # 4 machine screw - 1/2", carded.

TAP & REAMER WRENCH — ECONOMY

For taps up to 1/2". Chrome finished, knurled handles with black centre.
Part No. 50337, for tap sizes up to 1/2, carded.

T-HANDLE TAP WRENCH

Sliding T-handle with spring tension to hold handles in place, self equalizing jaws.
Part No. 50307, for tap sizes 0-1/4, carded.
Part No. 50310, for tap sizes 3/16-1/2.
Part No. 50320, for tap sizes 3/16 -1/2, has removable handle and 3/8" female square drive for extensions, ratchet and power drive.

DIE STOCK ECONOMY SOLID

Designed to hold either 1" round or hex dies. This simple tool is strong and will provide long service and accurate threads.
Part No. 50377, for tap sizes 1" round or hex, carded.

DIE STOCK PROFESSIONAL QUALITY

Number 50390 has 3-jaw self centering adjustable guides to assure straight threads and easy starting. Number 50400 is sturdy cast hex die stock with chromed steel handles.
Part No. 50390, for tap sizes 1-1/2 Rd.,
1-7/16 Hex.
Part No. 50400, for tap sizes 1-7/8 Hex.
Part No. 50387, for tap sizes 1" Rd. or Hex, carded.

SCREW PITCH GAUGES

Made with flat thread forms on top of each blade. Gives screw pitches on V-threads.
Part No. 50417, for tap sizes 9-40 U.S., carded.
Part No. 50427, for tap sizes .45-2.5mm Metric, carded.

Tap & Drill Sets – Ultra Cut Gold

57580

35140

18 PIECE, TAP & DRILL SET

Part No. 57580.
•Sets Contains:
•Drill sizes: #36, 29, 25, 21, 7, F, 5/16, U & 27/64.
•Tap sizes: 6-32, 8-32, 10-24, 10-32, 1/4-20, 5/16-18, 3/8-16, 7/16-14 & 1/2-13.

18 PIECE, TAP & DRILL SET - METRIC

Part No. 57990.
•Sets Contains:
•Drill sizes (mm): 2.05, 2.50, 2.90, 3.30, 4.20, 5.00, 6.70, 8.50, & 10.20.
•Tap sizes (mm): 2.5-.45, 3.0-.50, 3.5-.60, 4.0-.70, 5.0-.80, 6.0-1.00, 8.0-1.25, 10.0-1.50 & 12.0-1.75.

18 PIECE, TAP & DRILL SET

Part No. 58010.
•Sets Contains:
•Drill sizes: #33, 29, 25, 21, 3, 1, Q, 25/64 & 29/64.
•Tap sizes: 6-40, 8-36, 10-24, 10-32, 1/4-28, 5/16-24, 3/8-24, 7/16-20 & 1/2-20.

65 PIECE, TAP & DRILL ASSORTMENT WITH STAND

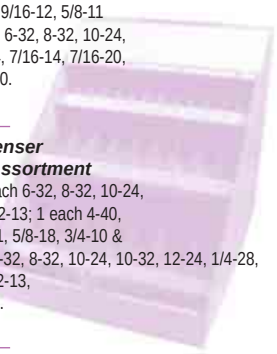
Part No. 35140.
•Sets Contains:
•Jobber drill sizes: 1 each #46, 45, 44, 43, 42, 38, 34, 30, 28, 24, 20, 19, 15, 14, 10, 5, 3, 7/32, G, I, O, Q, U & W; 2 each #50, 37, 33 & 29.
•Mechanics drill sizes: 1 each 1/4, 5/16 & 3/8.
•3/8" shank mechanics drill sizes: 1 each 27/64, 7/16, 29/64 & 1/2.
•Spiral point plug tap sizes: 1 each 2-56, 2-64, 3-48, 3-56, 4-40, 4-48, 5-40, 5-44, 6-32, 6-40, 8-32, 8-36, 10-24, 10-32, 12-24, 12-28, 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13 & 1/2-20.

VIKING DRILL
Proudly Manufactured in the U.S.A.

Tap & Die Sets & Assortments

ULTRA CUT GOLD

Tap & Die Glass Front Counter Top Dispenser
Straight Flute Taps & Hex Dies - 53 Piece Assortment
Contains: •Super premium straight flute plug tap sizes: 3 each 6-32, 8-32, 10-24, 10-32, & 1/4-20; 2 each 5/16-18, 3/8-16, 7/16-14 & 1/2-13; 1 each 4-40, 12-24, 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, 9/16-12, 5/8-11 & 3/4-10 •Super premium hex die sizes: 1 each 4-40, 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13, 1/2-20, 9/16-12, 5/8-11 & 3/4-10; 2 each 1/4-20.
Part No. 35150.



Tap & Die Glass Front Counter Top Dispenser
Spiral Point Taps & Hex Dies - 55 Piece Assortment
Contains: •Super premium spiral point tap sizes: 3 each 6-32, 8-32, 10-24, 10-32, & 1/4-20; 2 each 5/16-18, 3/8-16, 7/16-14 & 1/2-13; 1 each 4-40, 12-24, 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, 5/8-11, 5/8-18, 3/4-10 & 3/4-16 •Super premium hex die sizes: 1 each 4-40, 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13, 1/2-20, 5/8-11, 5/8-18, 3/4-10 & 3/4-16; 2 each 1/4-20.
Part No. 35160.

10 piece, Spiral Point Tap Set
Contains: •1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13 & 1/2-20.
Part No. 61610.

40 piece, Straight Flute Plug Taps & Hex Dies Set
40 piece, Spiral Point Plug Taps & Hex Dies Set
Contains: •HSS plug taps (your choice of Straight Flute or Spiral Point) & HSS hex dies sizes: 4-40, 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13 & 1/2-20. •Pipe tap & hex die size: 1/8-27 NPT. •T-Handle tap wrenches: 0 - 1/4"& 3/16"- 1/2". •Straight handle tap wrench: #4 - 1/2". •Die stock & screw pitch gauge & screw driver. •Sturdy red plastic case.
Part No. 35171, Straight Flute Set.
Part No. 35181, Spiral Point Set.

25 piece, Spiral Point Plug Taps & Hex Dies Set
Contains: •Spiral point taps & hex dies sizes: 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13 & 1/2-20. •Pipe tap & hex die size: 1/8-27 NPT. •T-Handle tap wrench: 3/16" -1/2".
•Die stock & Screw pitch gauge •Sturdy red plastic case
Part No. 35173.

15 piece, Spiral Point Plug Taps & Hex Dies Set
Contains: •Spiral point taps & hex dies sizes: 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20. •T-Handle tap wrench: 0 - 1/4". •Economy die stock & Screw pitch gauge •Black plastic case with clear sliding cover.
Part No. 35174.

14 piece, Spiral Point Plug Taps & Hex Dies - Metric Set
Contains: •Spiral point taps sizes: 2.5-.45, 3.0-.50, 3.5-.60, 4.0-.70, 5.0-.80 & 6.0-1.00 •Hex dies sizes: 3.0-.50, 3.5-.60, 4.0-.70, 5.0-.80 & 6.0-1.00 •T-Handle tap wrench: 0 - 1/4". •Economy die stock & Screw metric pitch gauge •Black plastic case with clear sliding cover.
Part No. 35172.

CARBON SPEED STEEL

40 piece Tap & Die Set - Master Mechanic Set - Machine Screw & Fractional NC-NF - with Round Dies
Contains: •Plug taps & Round dies sizes: 4-40, 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14 , 7/16-20, 1/2-13, 1/2-20. •Pipe tap & Round die size: 1/8-27 NPT. •T-Handle tap wrenches: 0-1/4" & 1/4" -1/2". •Tap & Reamer Wrench: 0 - 1/2" •Adjustable Die stock, Screw pitch gauge & Screw driver •Sturdy plastic case
Part No. 50070.

37 piece Tap & Die Set - Master & Metric - with Hex Dies
Contains: •Plug taps & Hex dies sizes: 3mm x 0.50, 3mm x 0.60, 4mm x 0.70, 4mm x 0.75, 5mm x 0.80, 5mm x 0.90, 6mm x 1.00, 7mm x 1.00, 8mm x 1.25, 9mm x 1.00, 9mm x 1.25, 10mm x 1.25, 10mm x 1.50, 11mm x 1.50, 12mm x 1.50, 12mm x 1.75 •Pipe tap & Hex die size: 1/8-27 NPT.
•T-Handle tap wrenches: 0-1/4" & 3/16" -1/2". •Die Stock •Plastic case
Part No. 50150.

24 piece Tap & Die Set - Fractional Combination NC, NF - with Hex Dies or Round Dies
Contains: •Plug taps & dies (your choice of Hex or Round) sizes: 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14 , 7/16-20, 1/2-13, 1/2-20. •Pipe tap & die size: 1/8-27 NPT. •T-Handle tap wrench: 3/16" - 1/2". •Die Stock •Plastic case
Part No. 50110, with Hex dies.
Part No. 50050, with Round dies.

16 piece Tap & Die Set - Metric - with Hex Dies
Contains: •Plug taps & Hex dies sizes: 4mm x 0.70, 5mm x 0.80, 6mm x 1.00, 8mm x 1.25, 10mm x 1.25, 10mm x 1.50, 12mm x 1.50 •T-Handle tap wrench: 3/16" -1/2". •Die Stock •Plastic case
Part No. 50140.

14 piece Tap & Die Set - Fractional NF - with Round Dies
Contains: •Plug taps & Round dies sizes: 1/4-28, 5/16-24, 3/8-24, 7/16-20 , 1/2-20. •Pipe tap & Round die size: 1/8-27 NPT. •T-Handle tap wrench: 3/16" -1/2". •Die Stock •Plastic case
Part No. 50020.

14 piece Tap & Die Set - Fractional NC - with Round Dies
Contains: •Plug taps & Round dies sizes: 1/4-20, 5/16-18, 3/8-16, 7/16-14 , 1/2-13. •Pipe tap & Round die size: 1/8-27 NPT. •T-Handle tap wrench: 3/16" -1/2". •Die Stock •Plastic case
Part No. 50030.

50070

50050

35174

VIKING DRILL
Proudly Manufactured in the U.S.A.

SCREW & PIPE EXTRACTORS HI-CARBON STEEL - SPIRAL STYLE

Remove broken screws, bolts, threaded parts and pipe. To remove the broken threaded part, drill a hole in the broken part, insert extractor and turn to the left. Broken piece is extracted with out damage to threads.

SCREW EXTRACTOR NO.	PART NO.	TO REMOVE SCREW (diameter)	DRILL SIZE	STD. PACK
EX1	57100	3/32" to 5/32"	5/64	5
EX2	57110	5/32" to 7/32"	7/64	5
EX3	57120	7/32" to 9/32"	5/32	5
EX4	57130	9/32" to 3/8" and 1/8" pipe	1/4	5
EX5	57140	3/8" to 5/8" and 1/4" pipe	17/64	5
EX6	57150	5/8" to 7/8" and 3/8" pipe	13/32	1
EX7	57160	7/8" to 1-1/8" and 1/2" pipe	17/32	1
EX8	57170	1-1/8" to 1-3/8" and 3/4" pipe	13/16	1
EX9	57180	1-3/8" up and 1" pipe	1-1/8	1

SCREW, STUD & PIPE EXTRACTORS STUDOUT™ SUPER PREMIUM - SQUARE STYLE, FORGED HI-CARBON STEEL - GOLD FINISH

The square shape of these extractors gives the tools the ability to remove broken bolts, screws and pipes with minimum deformation of the broken part. These extractors will not chew up or expand the object being removed.

SCREW EXTRACTOR NO.	PART NO.	TO REMOVE SCREW (diameter)	DRILL SIZE	STD. PACK
E1	70760	3/16" to 9/32"	1/8	5
E2	70770	9/32" to 11/32"	3/16	5
E3	70780	11/32" to 1/2"	1/4	5
E4	70800	1/2" to 3/4"	5/16	5

BOLT REMOVER SETS

A unique combination of left hand spiral drills and bolt/screw extractors. Fast and easy stud removal. Left hand spiral drills often eliminate the need for bolt and screw extractors. Drill may loosen bolt stud with counter clockwise rotation. 135° split point drill cut harder metals than a 118° point drill. Most broken studs are work hardened during the breaking process.

Part No. 47180, 5 Pc. Contains: EX 1, 2, 3, 4 & 5.
Part No. 58510, 10 Pc. Contains: EX 1, 2, 3, 4 & 5 + 3/32, 1/8, 3/16, 1/4, & 5/16.
Part No. 70840, 4 Pc. Contains: E 2, 3, 4 & 5.
Part No. 70850, 8 Pc. Contains: E 1, 2, 3 & 4 + 1/8, 3/16, 1/4 & 5/16.

HOLE EXPANSION TOOLS - CAR REAMERS STANDARD FLUTE, 3-FLATS ON SHANK

Special Hi-Tungsten tool steel, gold surface treated body and clearance for maximum lubricity. For use only to enlarge previously formed or drilled holes. All tools are constructed with left-hand spiral and right-hand cut.

DIAMETER INCHES	PART NO.	MIN. HOLE STARTING SIZE (inches)	SHANK DIAMETER (inches)
3/8	06390	5/16	3/8
1/2	06400	3/8	1/2
9/16	06410	7/16	1/2
5/8	06420	7/16	1/2
3/4	06440	1/2	1/2
1	06480	7/8	1/2

HOLE HOG™ 4-FLUTE CORE DRILL SUPER PREMIUM - FLATS ON SHANK

Special Hi-Molybdenum tool steel, gold surface treated body and clearance for maximum lubricity. Close tolerance construction. This tool is designed for enlarging existing holes exclusively.

DIAMETER INCHES	PART NO.	MIN. HOLE STARTING SIZE (inches)	FLUTE LENGTH (inches)
3/8	22030	1/4	1-7/8
1/2	22040	5/16	1-7/8
9/16	22060	3/8	1-7/8
5/8	22080	25/64	1-7/8
11/16	22100	7/16	1-7/8
3/4	22120	15/32	1-7/8

HOLE HOG™ SET
1/2" SHANK (3-FLATS ON SHANK) 4-FLUTE CORE DRILL

Part No. 38880, 8 Pc. Contains: core drill sizes: 3/8, 1/2, 5/8, 3/4 and companion pilot drill sizes: 1/4, 5/16, 25/64 & 15/32.

VIKING DRILL
Proudly Manufactured in the U.S.A.

Specialty Tools

STANDARD WOOD AUGERS

High quality auger bits with hex shanks produced from alloy tool steel. Drill points with threads and one counterblade for cleaner holes. For deep drilling wood applications, quickly and easily drill holes in all types of wood products.

9" AUGER BITS

SIZE	PART NO.	STD. PACK
3/8"	53200	1
1/2"	53210	1
9/16"	53220	1
5/8"	53230	1
11/16"	53240	1
3/4"	53250	1
7/8"	53260	1
15/16"	53270	1
1"	53280	1
1-1/8"	53290	1

16" AUGER BITS

SIZE	PART NO.	STD. PACK
3/8"	53300	1
1/2"	53310	1
9/16"	53320	1
5/8"	53330	1
11/16"	53340	1
3/4"	53350	1
7/8"	53360	1
15/16"	53370	1
1"	53380	1
1-1/8"	53390	1

82° PILOTLESS CONTERSINKS CHATTERPROOF™ SUPER PREMIUM

Special Hi-Molybdenum tool steel, gold surface treated points for maximum lubricity and chatterproof finish. These high performance, flute-less tools are: •Free cutting - for ease of use •Single cutting edge - for fast stock removal •Chatterproof - for a micro smooth finish •Easily resharpened - for extra long life

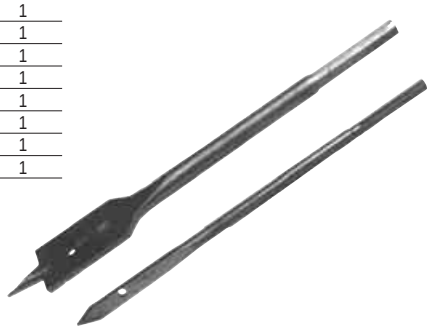
SCREW SIZE	PART NO.	SHANK DIA.	STD. PACK
No. 6	67180	1/4	1
No. 8	67190	1/4	1
No. 10	67200	1/4	1

POWER BITS

Cuts clean accurate holes in all soft and hard woods plus foam core, plastic, many non-metallic building siding and foam insulation.

SIZE	PART NO.	STD. PACK
1/4	52005	1
5/16	52015	1
3/8	52025	1
7/16	52035	1
1/2	52045	1
9/16	52055	1
5/8	52065	1
11/16	52075	1
3/4	52085	1
13/16	52095	1
7/8	52105	1
15/16	52115	1
1	52125	1
1-1/8	52135	1
1-1/4	52145	1
1-3/8	52155	1
1-1/2	52165	1

VIKING DRILLS
VIKING DRILL & TOOL



EXTENSIONS FOR POWER BITS

For all bits with 1/4" shanks. For those jobs that require extra reach. With allen wrench.
Part No. 27555, 6" power bit extension.
Part No. 52175, 12" power bit extension.

PRO-POINT TITANIUM DRILL BITS

•The titanium nitride coating on these Pro-Point drill bits offers improved wear resistance which results in easier drilling and longer life of the drill bit •Large flute chambers prevent clogging •135° split point drill tip for fast and efficient penetration of work surface

PART NO.	SIZE
800-4050	1/16”
800-4051	5/64”
800-4052	3/32”
800-4053	7/64”
800-4054	1/8”
800-4055	9/64”
800-4056	5/32”
800-4057	11/64”
800-4058	3/16”
800-4059	13/64”
800-4060	7/32”

PART NO.	SIZE
800-4061	15/64”
800-4062	1/4”
800-4064	9/32”
800-4066	5/16”
800-4068	11/32”
800-4070	3/8”
800-4072	13/32”
800-4074	7/16”
800-4076	15/32”
800-4078	1/2”

PRO-POINT COBALT DRILL BITS

•Cobalt composition of the drill bit makes it suited for drilling into hard abrasive surfaces such as stainless steel and other applications where high drilling heats occur •Large flute chambers prevent clogging •135° split point drill tip for fast and efficient penetration of work surface •Side taper ensure accurate and smooth holes •Cobalt composition designed to withstand high drilling heats

PART NO.	SIZE
800-5050	1/16”
800-5051	5/64”
800-5052	3/32”
800-5053	7/64”
800-5054	1/8”
800-5055	9/64”
800-5056	5/32”
800-5058	3/16”
800-5059	13/64”
800-5060	7/32”
800-5061	15/64”
800-5062	1/4”
800-5063	17/64”
800-5064	9/32”

PART NO.	SIZE
800-5065	19/64”
800-5066	5/16”
800-5067	21/64”
800-5068	11/32”
800-5069	23/64”
800-5070	3/8”
800-5071	25/64”
800-5072	13/32”
800-5073	27/64”
800-5074	7/16”
800-5075	29/64”
800-5076	15/32”
800-5077	31/64”
800-5078	1/2”

HIGH SPEED STEEL TWIST DRILL BITS

•Designed for drilling into steel, wood and plastics •Their precision ground 118° drill tips are excellent for general purpose use •Fuller HSS drill bits are available in regular length and reduced shank formats

PART NO.	SIZE
800-2904*	1/16”
800-2905*	5/64”
800-2906*	3/32”
800-2907*	7/64”
800-2908*	1/8”
800-2909*	9/64”
800-2910*	5/32”
800-2911*	11/64”
800-2912	3/16”
800-2913	13/64”
800-2914	7/32”

PART NO.	SIZE
800-2915	15/64”
800-2916	1/4”
800-2917	17/64”
800-2918	9/32”
800-2919	19/64”
800-2920	5/16”
800-2921	21/64”
800-2922	11/32”
800-2923	23/64”
800-2924	3/8”

*2 pack.

3/8” TURNED DOWN SHANK

PART NO.	SIZE
800-3125	25/64”
800-3126	13/32”
800-3127	27/64”
800-3128	7/16”

PART NO.	SIZE
800-3129	29/64”
800-3130	15/32”
800-3131	31/64”
800-3132	1/2”

MASONRY DRILL BITS

•Fast spiral flutes clear dust and chips quickly. Tungsten carbide tips for fast penetration and heat treated steel for long life performance.

PART NO.	SIZE	SHANK	OVERALL LENGTH
805-0018	1/8”	1/8”	2-7/8”
805-0020	3/16”	3/16”	3¾”
805-0021	1/4”	1/4”	4”
805-0022	5/16”	1/4”	4”
805-0023	3/8”	1/4”	4”
805-0024	1/2”	3/8”	6”
805-0025	5/8”	3/8”	6”
805-0026	3/4”	3/8”	6-1/8”

SPADE WOOD DRILL BITS

•Extra sharp spur points ensure fast and accurate penetration of surface •Hex shank prevents slipping •Single edge chip breaker for quick clearance of fragments •Large easy to read size identification •Precision ground cutting edges for clean and efficient cutting action

OVERALL LENGTH 6-1/8”

PART NO.	SIZE
810-8504	1/4”
810-8505	5/16”
810-8506	3/8”
810-8507	7/16”
810-8508	1/2”
810-8509	9/16”
810-8510	5/8”
810-8511	11/16”
810-8512	3/4”

Extension, 12” overall length.
Part No. 810-8530.

OVERALL LENGTH 6½”

PART NO.	SIZE
810-8504	1/4”
810-8513	13/16”
810-8514	7/8”
810-8515	15/16”
810-8516	1”
810-8518	1-1/8”
810-8520	1-1/4”
810-8522	1-3/8”
810-8524	1-1/2”

SABER SAW BLADES

•Made from the highest quality steel. The teeth are precision ground, precision filed and set for the best in cutting performance. Clean and efficient cuts are guaranteed.

PART NO.	DESCRIPTION	LENGTH	TEETH PER INCH
850-7901*	Coarse wood cutting	3-1/8”	6
850-7902*	Medium wood cutting	3-1/8”	10
850-7903*	All purpose sawing	2¾”	13
850-7904*	Metal cutting to 1/4”	2¾”	21
850-7905*	Metal cutting to 1/8”	2¾”	36
850-7906*	Finish wood cutting	3-1/8”	13
850-7907*	Scroll saw cutting	3-1/8”	12
850-7908*	Super fine scroll cutting	2¾”	20
850-7909	Flush cutting of wood	3½”	8
850-7910	Rough cutting of wood	6”	6

*2 pack.

SABER SAW BLADE SETS

6 Pc. Saber Saw Blade Set - One each of #850-7901, 850-7902, 850-7903,850-7904, 850-7905,850-7906.
Part No. 851-7926.

DRILL DOCTOR®

Drill Bit Sharpeners

Sharpen drill bits almost as easily as you sharpen pencils. Uses the same technology as drill bit sharpeners costing thousands of dollars. Drill Doctor® is fast — sharpening a dull, worn bit to precision sharpness takes less than a minute. This unit will re-sharpen carbide, high speed steel, standard, masonry, split point, cobalt, TiN coated and parabolic twist drill bits. Drill Doctor X Models bring you even more—they're faster, easier, and offer even more custom flexibility. You can restore a full range of bits to like new sharpness in less than 60 seconds. Features: •Variable Alignment-lets you adjust chisel and relief angles •E-Z Align System™—assures correct sharpening alignment, even small bits •Patented Dual Cam Sharpening System—professionally sharpen your bits with a few easy turns •Quick Change Diamond Sharpening Wheel—long lasting wheel is easy to replace after several hundred sharpenings, no tools needed •Create Self-Centering Split Points in any Drill Bit—new system eliminates oversplit bits •Powerful 15,000 rpm Motor •Improved Chuck Design—front loading chuck holds drill bits for precision geometry; makes small bits easy to align

Part No. DD500XC, Drill Doctor with storage case. For pro-level sharpening of bits up to 1/2". Sharpens a full range of bits including split points and the 135° bits used in drilling hardened metals.
Part No. DD750XC, Drill Doctor with storage case. For pro-level sharpening of bits up to 3/4". Features: Custom Point—choose any angle from 115° to 140° and Adjustable Material Take-Off—so you can touch up a slightly dull bit or deep grind a heavily damaged bit.

Part No. SA02100PA, Small Chuck fits models DD500XC and DD750XC.
Part No. DA70100PF, Large Chuck fits models DD500XC and DD750XC.
Part No. DA02105PF, Left Hand Chuck fits models DD500XC and DD750XC.
Part No. DA31325GF, Coarse 100-Grit Sharpening Wheel fits models DD500XC and DD750XC.
Part No. DA31320GF, Standard 180-Grit Sharpening Wheel fits models DD500XC and DD750XC.

IRWIN® INDUSTRIAL TOOLS

Unibit® Step Drills

PART NO. CARDED	NO. OF HOLES	HOLE SIZES	INCREMENTS	SHANK SIZE	MAX. MATERIAL THICKNESS
FRACTIONAL, SELF-STARTING - MULTIPLE HOLE SIZES					
10231	13	1/8" - 1/2"	1/32"	1/4"	1/8"
10232	6	3/16" - 1/2"	1/16"	1/4"	3/8"
10233	9	1/4" - 3/4"	1/16"	3/8"	1/8"
10234	12	3/16" - 7/8"	1/16"	3/8"	1/8"
10235	10	1/4" - 1-3/8"	1/8"	1/2"	1/8"
FRACTIONAL, SELF-STARTING - TITANIUM NITRIDE COATED - MULTIPLE HOLE SIZES					
15101	13	1/8" - 1/2"	1/32"	1/4"	1/8"
15102	6	3/16" - 1/2"	1/16"	1/4"	3/8"
15103	9	1/4" - 3/4"	1/16"	3/8"	1/8"
15104	12	3/16" - 7/8"	1/16"	3/8"	1/8"
FRACTIONAL, SELF-STARTING - SINGLE HOLE SIZES					
10310	-	1/2"	-	1/4"	-
10311	-	7/8"	-	3/8"	-
10312	-	3/8"	-	1/4"	-
10313	-	1-1/8"	-	1/2"	-
10314	-	1-7/32"	-	1/2"	-
FRACTIONAL, HOLE ENLARGING - MULTIPLE HOLE SIZES					
10220	8	9/16" - 1"	1/16"	1/2"	1/8"
10221	10	13/16" - 1-3/8"	1/16"	1/2"	1/8"
METRIC, SELF-STARTING - TITANIUM NITRIDE COATED - MULTIPLE HOLE SIZES					
16101	9	4 mm - 12 mm	1 mm	1/4"	5 mm
16102	5	4 mm - 12 mm	2 mm	1/4"	11 mm
16103	7	6 mm - 18 mm	2 mm	3/8"	5 mm
16104	10	4 mm - 22 mm	2 mm	3/8"	5 mm
16105	13	5 mm - 35 mm	2-3 mm	1/2"	3.5 mm

15101

16103

10231

Starrett bi-metal holesaws are constructed of hardened, heat and abrasion resisting high speed steel teeth with a tough alloy body and cap. This gives them exceptional strength, durability, and shatter resistance for user safety. Starrett holesaws cut through any wood, metal or plastic and can be used in a wide variety of applications from production and maintenance to electrical and building trades. Holesaws feature Fastcut™ variable pitch teeth and a cutting depth of 1-5/8" (41 mm).

A note about arbors...

A1 = 3/8" Chuck
A4 = 1/4" Chuck
A2 = 1/2" Chuck
A10 = 3/8" Chuck

*Optional Locking Arbors available for 1½" through 6" sizes. Sold separately.

PART NO.	SIZE		*FITS ARBOR
	IN.	MM	
VH0096	9/16	14	A1 or A4
VH0058	5/8	16	A1 or A4
VH1016	11/16	17	A1 or A4
VH0034	3/4	19	A1 or A4
VH1036	13/16	21	A1 or A4
VH0078	7/8	22	A1 or A4
VH1056	15/16	24	A1 or A4
VH0100	1	25	A1 or A4
VH0116	1-1/16	27	A1 or A4
VH0118	1-1/8	29	A1 or A4
VH0136	1-3/16	30	A1 or A4
VH0114	1-1/4	32	A2 or A10
VH0156	1-5/16	33	A2 or A10
VH0138	1-3/8	35	A2 or A10
VH0176	1-7/16	37	A2 or A10
VH0112	1-1/2	38	A2 or A10
VH0196	1-9/16	40	A2 or A10
VH0158	1-5/8	41	A2 or A10
VH1116	1-11/16	43	A2 or A10
VH0134	1-3/4	44	A2 or A10
VH1136	1-13/16	46	A2 or A10
VH0178	1-7/8	48	A2 or A10
VH0200	2	51	A2 or A10
VH0216	2-1/16	52	A2 or A10
VH0218	2-1/8	54	A2 or A10

PART NO.	SIZE		*FITS ARBOR
	IN.	MM	
VH0214	2-1/4	57	A2 or A10
VH0256	2-5/16	59	A2 or A10
VH0238	2-3/8	60	A2 or A10
VH0212	2-1/2	64	A2 or A10
VH0296	2-9/16	65	A2 or A10
VH0258	2-5/8	67	A2 or A10
VH0234	2-3/4	70	A2 or A10
VH0278	2-7/8	73	A2 or A10
VH0300	3	76	A2 or A10
VH0318	3-1/8	79	A2 or A10
VH0314	3-1/4	83	A2 or A10
VH0338	3-3/8	86	A2 or A10
VH0312	3-1/2	89	A2 or A10
VH0358	3-5/8	92	A2 or A10
VH0334	3-3/4	95	A2 or A10
VH0378	3-7/8	98	A2 or A10
VH0400	4	102	A2 or A10
VH0418	4-1/8	105	A2 or A10
VH0414	4-1/4	108	A2 or A10
VH0438	4-3/8	111	A2 or A10
VH0412	4-1/2	114	A2 or A10
VH0434	4-3/4	121	A2 or A10
VH0500	5	127	A2 or A10
VH0512	5-1/2	140	A2 or A10
VH0600	6	152	A2 or A10

DOOR LOCK HOLESAW INSTALLATION KIT

Contains 2 holesaws 1" and 2-1/8" saw diameters, one arbor (A1) and one arbor adapter (A12). Skin carded.
Part No. KS288.

ELECTRICIANS' & PLUMBERS' HOLESAW KIT

Contains 9 holesaws 3/4", 7/8", 1-1/8", 1-3/8", 1½", 1¾", 2", 2¼", 2½" saw diameters, two arbors (A1, A2) complete with pilot drills and one extension (A5). Complete with sturdy carrying/storage case.
Part No. KV290.

INDUSTRIAL HOLESAW KIT

Contains 11 holesaws 3/4", 7/8", 1", 1¼", 1-3/8", 1½", 1¾", 2", 2¼", 2½", 3" saw diameters, two arbors (A1, A2) complete with pilot drills, and one extension (A5). Complete with sturdy carrying/storage case.
Part No. KV291.

FAST CUT LOCKSET HOLESAW KIT

Contains 6 holesaws 7/8", 1", 1¼", 1½", 1¾", 2-1/8" saw diameters and two arbors (A1, A10). Complete with sturdy carrying/storage case.
Part No. KV292.

AUTOMOTIVE HOLESAW KIT

Contains 5 holesaws 3/4", 7/8", 1", 1-1/8", 1¼" saw diameters, one arbor (A1) and one arbor adapter (A12). Complete with sturdy carrying/storage case.
Part No. KS1090.

PLUMBING HOLESAW KIT

Contains 6 holesaws 3/4", 7/8", 1-1/8", 1½", 1¾", 2¼" saw diameters, two arbors (A1, A2) and one arbor adapter (A12). Complete with sturdy carrying/storage case.
Part No. KV1091.

UTILITY HOLESAW KIT

Contains 6 holesaws 3/4", 7/8", 1-1/8", 1½", 1¾", 2½" saw diameters, two arbors (A1, A2) and one arbor adapter (A12). Complete with sturdy carrying/storage case.
Part No.

ELECTRICAL HOLESAW KIT

Contains 6 holesaws 7/8", 1-1/8", 1-3/8", 1¾", 2", 2½" saw diameters, two arbors (A1, A2) and one arbor adapter (A12). Complete with sturdy carrying/storage case.
Part No. KV1094.

DELUXE ELECTRICIANS' HOLESAW KIT

Contains 10 holesaws 7/8", 1-1/8", 1-3/8", 1¾", 2", 2½", 3", 3-5/8", 4-1/8", 4¾" saw diameters and three arbors (A1, A2, A4) . Complete with sturdy carrying/storage case.
Part No. KV1095.

Part No. A1, Arbor - 3/8" chuck, fits holesaw diameters 9/16" - 1-3/16".
Part No. A2, Arbor (Quick-Hitch™) - 1/2" chuck, fits holesaw diameters 1¼" - 6".
Part No. A4, Arbor - 1/4" chuck, fits holesaw diameters 9/16" - 1-3/16".
Part No. A10, Arbor (Quick-Hitch™) - 3/8" chuck, fits holesaw diameters 1¼" - 6".
Part No. A19, "Oops" Arbor - pilot drill adapter/arbor.
Part No. A17-38, Locking Arbor - 3/8" chuck, fits holesaw diameters 1½" - 6".
Part No. A17-12, Locking Arbor - 1/2" chuck, fits holesaw diameters 1½" - 6".
Part No. A014C, Arbor Pilot Drill - fits all arbor Nos. except A4. Made with high speed steel.
Part No. A014D, Arbor Pilot Drill - fits arbor No. A4. Made with high speed steel.
Part No. A5, Arbor Extension - 12", fits 1/2" chuck.
Part No. A15, Arbor Extension - 12", fits 3/8" chuck.
Part No. A12, Arbor Adapter - fits arbor Nos. A1 and A4, allowing use of saws up to 6" in size with 5/8-18 screw thread.
Part No. MA02, Morse Taper Adapter #2 - fits arbor No. A2.
Part No. MA03, Morse Taper Adapter #3 - fits arbor No. A2.
Part No. MA05, Morse Taper Adapter #2 - fits arbor Nos. A1 and A10.
Part No. MA06, Morse Taper Adapter #3 - fits arbor Nos. A1 and A10.

Solid Carbide Tools

"SA" CYLINDER SHAPE BURRS — SOLID CARBIDE

Tool Reference Number	Cutter Diameter	Length of Cut	Shank Diameter	Double Cut Part Number	Non-ferrous Cut Part Number
SA-1	1/4	5/8	1/4	10003	-
SA-1L	1/4	1	1/4	10028	-
SA-3	3/8	3/4	1/4	10078	-
SA-3NF	3/8	3/4	1/4	-	19002
SA-5	1/2	1	1/4	10178	-
SA-5NF	1/2	1	1/4	-	19004
SA-7	3/4	1	1/4	10253	-

"SB" CYLINDER SHAPE BURRS WITH END CUT — SOLID CARBIDE

Tool Reference Number	Cutter Diameter	Length of Cut	Shank Diameter	Double Cut Part Number	Non-ferrous Cut Part Number
SB-1	1/4	5/8	1/4	10853	-
SB-3	3/8	3/4	1/4	10928	-
SB-3NF	3/8	3/4	1/4		19014
SB-5	1/2	1	1/4	11028	-
SB-7	3/4	1	1/4	11103	-

"SC" CYLINDER SHAPE BURRS WITH RADIUS END — SOLID CARBIDE

Tool Reference Number	Cutter Diameter	Length of Cut	Shank Diameter	Double Cut Part Number	Non-ferrous Cut Part Number
SC-1	1/4	5/8	1/4	11703	-
SC-3	3/8	3/4	1/4	11778	-
SC-3L6	3/8	3/4	1/4	16353	-
SC-3NF	3/8	3/4	1/4	-	19026
SC-5	1/2	1	1/4	11878	-
SC-5NF	1/2	1	1/4	-	19028
SC-7	3/4	1	1/4	11953	-

"SD" BALL SHAPE BURRS — SOLID CARBIDE

Tool Reference Number	Cutter Diameter	Length of Cut	Shank Diameter	Double Cut Part Number	Non-ferrous Cut Part Number
SD-1	1/4	7/32	1/4	12453	-
SD-3	3/8	5/16	1/4	12503	-
SD-3NF	3/8	5/16	1/4	-	19038
SD-5	1/2	7/16	1/4	12553	-
SD-5NF	1/2	7/16	1/4	-	19040
SD-7	3/4	11/16	1/4	12628	-

"SE" OVAL SHAPE BURRS — SOLID CARBIDE

Tool Reference Number	Cutter Diameter	Length of Cut	Shank Diameter	Double Cut Part Number	Non-ferrous Cut Part Number
SE-1	1/4	3/8	1/4	12953	-
SE-3	3/8	5/8	1/4	12978	-
SE-3NF	3/8	5/8	1/4	-	19048
SE-5	1/2	7/8	1/4	13003	-
SE-5NF	1/2	7/8	1/4	-	19050
SE-7	3/4	1	1/4	13078	-

"SF" TREE SHAPE BURRS WITH RADIUS END — SOLID CARBIDE

Tool Reference Number	Cutter Diameter	Length of Cut	Shank Diameter	Double Cut Part Number	Non-ferrous Cut Part Number
SF-1	1/4	3/4	1/4	13303	-
SF-3	3/8	3/4	1/4	13328	-
SF-3NF	3/8	3/4	1/4	-	19060
SF-5	1/2	1	1/4	13378	-
SF-5NF	1/2	1	1/4	-	19062
SF-7	3/4	1	1/4	13453	-

"SG" TREE SHAPE BURRS WITH POINTED END — SOLID CARBIDE

Tool Reference Number	Cutter Diameter	Length of Cut	Shank Diameter	Double Cut Part Number
SG-1	1/4	5/8	1/4	13853
SG-3	3/8	3/4	1/4	13903
SG-5	1/2	1	1/4	13928
SG-7	3/4	1	1/4	14003

"SH" FLAME SHAPE BURRS — SOLID CARBIDE

Tool Reference Number	Cutter Diameter	Length of Cut	Shank Diameter	Double Cut Part Number
SH-1	1/4	5/8	1/4	14378
SH-2	5/16	3/4	1/4	14403
SH-5	1/2	1-1/4	1/4	14428
SH-7	3/4	1-5/8	1/4	14503

"SL" TAPER WITH RADIUS END BURRS — SOLID CARBIDE

Tool Reference Number	Cutter Diameter	Length of Cut	Shank Diameter	Included Angle	Double Cut Part Number	Non-ferrous Cut Part Number
SL-1	1/4	5/8	1/4	14°	15178	-
SL-3	3/8	1-1/16	1/4	14°	15228	-
SL-4	1/2	1-1/8	1/4	14°	15253	-
SL-4NF	1/2	1-1/8	1/4	14°	-	19072
SL-7	3/4	1-1/2	1/4	14°	15353	-

"SM" CONE SHAPE BURRS — SOLID CARBIDE

Tool Reference Number	Cutter Diameter	Length of Cut	Shank Diameter	Included Angle	Double Cut Part Number
SM-1	1/4	1/2	1/4	22°	15503
SM-2	1/4	3/4	1/4	14°	15528
SM-4	3/8	5/8	1/4	28°	15578
SM-5	1/2	7/8	1/4	28°	15603

"SN" INVERTED CONE SHAPE BURRS — SOLID CARBIDE

Tool Reference Number	Cutter Diameter	Length of Cut	Shank Diameter	Included Angle	Double Cut Part Number
SN-1	1/4	5/16	1/4	10°	15853
SN-2	3/8	3/8	1/4	13°	15878
SN-4	1/2	1/2	1/4	28°	15903
SN-7	3/4	5/8	1/4	30°	15978

GDX Carbide Burr Kits

6 Pc. ¼" DOUBLE CUT CARBIDE BURR KIT
•Includes an assortment of ¼" double cut carbide burrs: SA cylinder shape, SB cylinder shape with end cut, SC cylinder shape with radius end, SF tree shape, SD ball shape, SM cone shape.
Part No. KIT14.

6 Pc. 3/8" DOUBLE CUT CARBIDE BURR KIT
•Includes an assortment of 3/8" double cut carbide burrs: SA cylinder shape, SB cylinder shape with end cut, SC cylinder shape with radius end, SF tree shape, SG tree shape with pointed end, SL taper with radius end.
Part No. KIT15.

6 Pc. ½" DOUBLE CUT CARBIDE BURR KIT
•Includes an assortment of ½" double cut carbide burrs: SA cylinder shape, SB cylinder shape with end cut, SC cylinder shape with radius end, SF tree shape, SG tree shape with pointed end, SL taper with radius end.
Part No. KIT16.

K & F Files

FLAT BASTARD FILES

PART NO.	SIZE	SUGGESTED HANDLE NO.
6FB	6"	PH4
8FB	8"	PH4
10FB	10"	PH6
12FB	12"	PH7
14FB	14"	PH7

HALF ROUND BASTARD FILES

PART NO.	SIZE	SUGGESTED HANDLE NO.
6HRB	6"	PH4
8HRB	8"	PH5
10HRB	10"	PH6
12HRB	12"	PH7
14HRB	14"	PH8

ROUND BASTARD FILES

PART NO.	SIZE	SUGGESTED HANDLE NO.
6RB	6"	PH2
8RB	8"	PH4
10RB	10"	PH5
12RB	12"	PH5

SQUARE BASTARD FILES

PART NO.	SIZE	SUGGESTED HANDLE NO.
8SQB	8"	PH4

THREE POINT BASTARD FILES

PART NO.	SIZE	SUGGESTED HANDLE NO.
8TPB	8"	PH5
10TPB	10"	PH6

MILL BASTARD FILES

PART NO.	SIZE	SUGGESTED HANDLE NO.
6MB	6"	PH4
8MB	8"	PH4
10MB	10"	PH5
12MB	12"	PH7

SLIM & EXTRA SLIM TAPER FILES

PART NO.	SIZE	SUGGESTED HANDLE NO.
4ST	4" slim	PH2
6ST	6" slim	PH3
4EST	4" extra slim	PH1

FLAT SMOOTH FILES

PART NO.	SIZE	SUGGESTED HANDLE NO.
6FS	6"	PH4
8FS	8"	PH4
10FS	10"	PH5
12FS	12"	PH7
14FS	14"	PH7

HALF ROUND SMOOTH FILES

PART NO.	SIZE	SUGGESTED HANDLE NO.
6HRS	6"	PH4
8HRS	8"	PH5
10HRS	10"	PH6
12HRS	12"	PH7

ROUND SMOOTH FILES

PART NO.	SIZE	SUGGESTED HANDLE NO.
6RS	6"	PH2
8RS	8"	PH4
10RS	10"	PH4
12RS	12"	PH5

SQUARE SMOOTH FILES

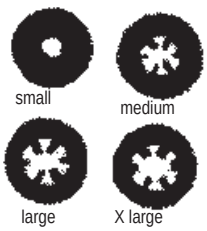
PART NO.	SIZE	SUGGESTED HANDLE NO.
10SQS	10"	PH4
12SQS	12"	PH5

THREE POINT SMOOTH FILES

PART NO.	SIZE	SUGGESTED HANDLE NO.
10TPS	10"	PH6

MILL SMOOTH FILES

PART NO.	SIZE	SUGGESTED HANDLE NO.
8MS	8"	PH5



HANDLES
Durable plastic handles to fit chain saw files and most tanged files. 4" x 1¼".

Part No. 1FH, Small (for 3 - 6" files)
Part No. 2FH, Medium (for 6 - 8" files)
Part No. 3FH, Large (for 8 - 12" files)
Part No. 4FH, Extra large (for 12 - 16")

NICHOLSON®

Files & Handles

Plastic screw-on reusable file handle.
Part No. PH-1, #1.
Part No. PH-2, #2.
Part No. PH-3, #3.
Part No. PH-4, #4.
Part No. PH-5, #5.
Part No. PH-6, #6.
Part No. PH-7, #7.
Part No. PH-8, #8.

PART NO.	DESCRIPTION	USE HANDLE NO.
14PIPE	14" pipeline file	PH8
10WOOD	10" wood rasp	PH5
1/8CSF	1/8" chain saw file	—
5/32CSF	5/32" chain saw file	—
3/16CSF	3/16" chain saw file	PH2
7/32CSF	7/32" chain saw file	PH3
1/4CSF	1/4" chain saw file	PH3

7 PC. MACHINIST FILE KIT

•General purpose file kit for machine shop
•Includes: 10" flat bastard file, 10" flat smooth file, 10" half-round bastard file, 10" mill bastard file, 10" round bastard file, 10" square bastard file, and 7" slim taper file.
Part No. 7PFS.

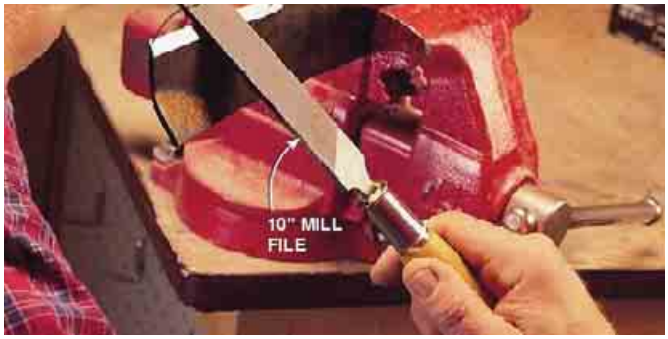
GARANT

File Handles

•Hardwood, chrome plated spring.

Part No. B1, For 3 to 6" files.
Part No. B2, For 6 to 8" files.
Part No. B3, For 8 to 12" files.
Part No. B4, For 12 to 16" files.

Garant®
Canada's Official Tool since 1895



G.D.L. TOOLS

Cutting Tools

DRILL BIT SETS — HIGH SPEED STEEL

Part No. GD-800, 29 pc. Drill Bit Set - with metal index - 1/16" - 1/2".
Part No. GD-801, 13 pc. Drill Bit Set - with plastic index - 1/16" - 1/4".

PIPE TAPS

PART NO.	SIZE	THREADS PER INCH
GD1/8NPTTAP	1/8	27
GD1/4NPTTAP	1/4	18
GD3/8NPTTAP	3/8	18
GD1/2NPTTAP	1/2	14
GD3/4NPTTAP	3/4	14
GD1NPTTAP	1	11-1/2
GD1-1/4NPTTAP	1-1/4	11-1/2
GD1-1/2NPTTAP	1-1/2	11-1/2
GD2NPTTAP	2	11-1/2

4/6 SUPER-TOUGH® BI-METAL HOLE SAWS

For general construction, plumbing, electrical, maintenance work •Bi-metal construction •High speed steel teeth electron beam welded to a steel body •Heavy duty 3/16" thick steel backs on 1½" diameter and larger •Smaller diameters have backs thicker than 3/16" •Thick backs eliminate the need for driving plates and prevent drive pin holes from elongating •Faster, more aggressive cutting plus heat resistant cobalt •Less vibration for smoother cuts •Shatter resistant •High alloy steel body construction for longer life •4/6 teeth with cobalt is a multiple tooth design with varying tooth sets and gullet depths •Deeper gullets provide more efficient chip clearance with less heat build-up. Requires lower feed pressure – ideal for the higher RPM of portable drills

PART NO.	SIZE		FITS ARBOR - SHANK
	IN.	MM	
49-56-0011	5/8	16	1/4" round
49-56-0016	11/16	17	1/4" round
49-56-0021	3/4	19	1/4" round
49-56-0026	13/16	21	1/4" 3 flats
49-56-0031	7/8	22	7/16" hex
49-56-0036	15/16	24	3/8" hex
49-56-0041	1	25	3/8" hex
49-56-0046	1-1/16	27	3/8" hex
49-56-0051	1-1/8	29	3/8" hex
49-56-0056	1-3/16	30	3/8" hex
49-56-0061	1-1/4	32	1/4" 3 flats, 7/16" hex
49-56-0066	1-5/16	33	1/4" 3 flats, 7/16" hex
49-56-0071	1-3/8	35	1/4" 3 flats, 7/16" hex
49-56-0076	1-7/16	37	1/4" 3 flats, 7/16" hex
49-56-0081	1-1/2	38	1/4" 3 flats, 7/16" hex
49-56-0086	1-9/16	40	1/4" 3 flats, 7/16" hex
49-56-0091	1-5/8	41	1/4" 3 flats, 7/16" hex
49-56-0096	1-11/16	43	1/4" 3 flats, 7/16" hex
49-56-0101	1-3/4	44	1/4" 3 flats, 7/16" hex
49-56-0106	1-13/16	46	1/4" 3 flats, 7/16" hex
49-56-0111	1-7/8	48	1/4" 3 flats, 7/16" hex
49-56-0116	2	51	1/4" 3 flats, 7/16" hex
49-56-0121	2-1/16	52	7/16" hex
49-56-0126	2-1/8	54	7/16" hex
49-56-0131	2-1/4	57	7/16" hex
49-56-0136	2-5/16	59	7/16" hex
49-56-0141	2-3/8	60	7/16" hex
49-56-0146	2-1/2	64	7/16" hex
49-56-0150	2-9/16	65	7/16" hex
49-56-0155	2-5/8	67	7/16" hex
49-56-0160	2-3/4	70	7/16" hex
49-56-0165	2-7/8	73	7/16" hex
49-56-0170	3	76	7/16" hex
49-56-0175	3-1/8	79	5/8" hex
49-56-0180	3-1/4	83	7/16" hex
49-56-0185	3-3/8	86	3/8" hex
49-56-0190	3-1/2	89	3/8" hex
49-56-0195	3-5/8	92	3/8" hex
49-56-0200	3-3/4	95	3/8" hex
49-56-0205	3-7/8	98	3/8" hex
49-56-0210	4	102	3/8" hex
49-56-0215	4-1/8	105	3/8" hex
49-56-0220	4-1/4	108	3/8" hex
49-56-0225	4-3/8	111	3/8" hex
49-56-0230	4-1/2	114	3/8" hex
49-56-0235	4-3/4	121	3/8" hex
49-56-0240	5	127	3/8" hex
49-56-0245	5-1/2	140	3/8" hex
49-56-0250	6	152	3/8" hex

7 PC. 4/6 TOOTH JOB SAVER HOLE SAW KIT

Consists of 7/8", 1", 1-1/8", 1¼", 1½" sizes, 1/4" round shank arbor, arbor spacer, and arbor adapter in sturdy plastic case.
Part No. 49-22-4071.

13 PC. 4/6 TOOTH PLUMBERS' & ELECTRICIANS' HOLE SAW KIT

Consists of 3/4", 7/8", 1-1/8", 1-3/8", 1½", 1¾", 2", 2¼", 2½" sizes, 1/4" round shank arbor, 7/16" hex arbor, pilot drill, arbor spacer, and arbor adapter in sturdy plastic case.
Part No. 49-22-4066.

17 PC. 4/6 TOOTH DELUXE ELECTRICIANS' HOLE SAW KIT

Consists of 5/8", 3/4", 7/8", 1", 1-1/8", 1¼", 1-3/8", 1½", 1¾", 2", 2½", 3" sizes, (2)
7/16" hex shank arbors, (3) pilot drills, in sturdy plastic case.
Part No. 49-22-4086.

ARBORS

PART NO.	SHANK	THREAD	FOR HOLE SAW DIAMETERS
49-56-6950	1/4" round	1/2" - 20	9/16" - 1-3/16"
49-56-7000	7/16" hex	1/2" - 20	9/16" - 1-3/16"
49-56-7010	3/8" hex	1/2" - 20	9/16" - 1-3/16"
49-56-7055	7/16" hex	5/8" - 18	1¼" and up
49-56-7140	7/16" hex	5/8" - 18	1¼" and up
49-56-7150	3/8" hex	5/8" - 18	1¼" and up

49-56-6950

49-56-7140

49-56-7055

7/16" HEX SHANK EXTENSIONS
For selfeed bits, auger bits and hole saws (1" diameter and larger) with 7/16" hex shank.
Part No. 48-28-4006, 12".
Part No. 48-28-4011, 18".

PILOT DRILLS - 1/4" HIGH SPEED
Part No. 49-56-8000, For use with Hole Saw Arbors 49-56-6950, 49-56-7000, 49-56-7055, and 49-56-7140. For general cutting of wood and metal.
Part No. 49-56-8010, For use with Hole Saw Arbors 49-56-7010 and 49-56-7150. For general cutting of wood and metal.

HIGH SPEED STEEL STEP DRILL BITS

	PART NO. CARDED	NO. OF HOLES	HOLE SIZES	INCREMENTS	SHANK SIZE	MAX. MATERIAL THICKNESS
A	SELF-STARTING - MULTIPLE HOLE SIZES					
	48-89-9100	13	1/8" - 1/2"	1/32"	1/4"	1/8"
	48-89-9105	9	1/4" - 3/4"	1/16"	3/8"	1/8"
	48-89-9130	12	3/16" - 7/8"	1/16"	3/8"	1/8"
B	HOLE ENLARGING BIT - MULTIPLE HOLE SIZES					
	48-89-9110	9	9/16" - 1"	1/16"	3/8"	1/8"
C	SELF-STARTING KNOCKOUT - SINGLE HOLE SIZES					
	48-89-9115	-	7/8"	-	3/8"	-
	48-89-9120	-	3/8"	-	1/4"	-
	48-89-9125	-	1/2"	-	1/4"	-
D	SELF-STARTING COMBINATION KNOCKOUT - MULTIPLE HOLE SIZES					
	48-89-9135	3	1/4", 7/8",1-1/8"	-	3/8"	-
E	SET OF TWO STEP DRILL BITS					
	48-89-9050	13 and 9	1/8" - 1"	1/32" - 1/16"	1/4" and 3/8"	1/8"

A

B

C D E

QUICK CHANGE TANG DRIVE STEEL HAWG CUTTERS
•1" maximum cutting depth •Recommended for use with Quick Change Arbors on drill presses •Durable carbide tipped cutters penetrate metals three times faster, with less pressure and better results than twist drills •Require no prepunching or pilot holes, cut accurately, minimize stock removal and leave a reamlike finish •11/16" diameter
Part No. 49-57-0689.

STEEL HAWG® CUTTERS WITH SEPARATE THREADED ARBOR
•2" cutting depth •Recommended for use with Milwaukee electromagnetic drill presses and drill stands

PART NO.	DIAMETER
49-57-0750	3/4"
49-57-0812	13/16"
49-57-0875	7/8"
49-57-0937	15/16"
49-57-1000	1"
49-57-1062	1-1/16"
49-57-1125	1-1/8"
49-57-1187	1-3/16"
49-57-1250	1¼"

SDS BITS
•Carbide SDS shank (fits directly into tool) •For SDS-Plus Rotary Hammers

PART NO.	BIT DIA.	USABLE LENGTH	LENGTH
48-20-7058	11/16"	6"	8"
48-20-7065	3/4"	10"	12"
48-20-7066	3/4"	16"	18"
48-20-7071	7/8"	6"	8"
48-20-7072	7/8"	10"	12"
48-20-7075	7/8"	16"	18"
48-20-7080	1"	8"	10"
48-20-7085	1"	16"	18"

2 CUTTER SPLINE BITS

•For Rotary Hammers

PART NO.	BIT DIA.	OVERALL LENGTH	DRILLING DEPTH
48-20-4037	3/8"	10"	4"
48-20-4051	1/2"	16"	10"
48-20-4062	5/8"	10"	4"
48-20-4068	11/16"	16"	10"
48-20-4075	3/4"	10"	4"
48-20-4081	13/16"	16"	10"
48-20-4088	7/8"	22"	16"
48-20-4125	1-1/4"	16"	10"

HIGH SPEED STEEL ANNULAR CUTTERS

•3/4" diameter shank annular cutter •Unique tooth design — every other tooth is double bevelled •Thin wall design enables cutters to cut faster and more efficiently by removing less material during drilling •For drilling holes in structural or steel plate or for overlapping holes •Recommended for Milwaukee electromagnetic drill presses and drill stands

PART NO. 1" Cutting Depth	DIAMETER	PART NO. 2" Cutting Depth
49-59-0500	1/2"	49-59-2050
49-59-0562	9/16"	49-59-2056
49-59-0625	5/8"	49-59-2063
49-59-0687	11/16"	49-59-2069
49-59-0750	3/4"	49-59-2075
49-59-0812	13/16"	49-59-2081
49-59-0875	7/8"	49-59-2089
49-59-0937	15/16"	49-59-2094
49-59-1000	1"	49-59-2100
49-59-1062	1-1/16"	49-59-2106
49-59-1125	1-1/8"	49-59-2113
49-59-1187	1-3/16"	49-59-2119
49-59-1250	1-1/4"	49-59-2125
49-59-1312	1-5/16"	49-59-2131
49-59-1375	1-3/8"	49-59-2138
49-59-1437	1-7/16"	49-59-2144
49-59-1500	1½"	49-59-2150
49-59-1562	1-9/16"	49-59-2156
49-59-1625	1-5/8"	49-59-2163
49-59-1687	1-11/16"	49-59-2169
49-59-1750	1¾"	49-59-2175
49-59-1812	1-13/16"	49-59-2181
49-59-1875	1-7/8"	49-59-2188
49-59-1937	1-15/16"	49-59-2194
49-59-2000	2"	49-59-2200

EJECTION PIN

To be used in conjunction with HSS annular cutters. Pin can be used on all diameters.
Part No. 44-60-1720, Pack of 2, for 1" cutting depths.
Part No. 44-60-1721, Pack of 2, for 2" cutting depths.

SUPER SAWZALL® BLADES

•Matrix II high speed steel teeth with 8% cobalt •Tough bi-metal design for the fastest cutting, longest blade life available •1/2" universal tang.

PART NO.	LENGTH x WIDTH x THICKNESS	TEETH PER INCH	BLADES/ POUCH	RECOMMENDED FOR CUTTING:
48-00-5012	6 x 3/4 x .050	6	5	Fast cutting, all woods, nail embedded, composition materials
48-00-5031	6 x 3/4 x .050	5/8	5	Very fast cutting, all woods, nail embedded, general roughing-in
48-00-5035	6 x 3/4 x .050	6	5	Very fast cutting, all woods, nail embedded, general roughing-in
48-00-5036	9 x 3/4 x .050	6	5	Very fast cutting, all woods, nail embedded, general roughing-in
48-00-5037	12 x 3/4 x .050	6	5	Very fast cutting, all woods, nail embedded, general roughing-in
48-00-5041	6 x 1/2 x .050	4/6	5	Very fast scroll cutting, circles, contours, all woods, nail embedded
48-00-5052	5 x 3/4 x .050	6	5	Long life, plaster with metal lath, plasterboard. Cuts on forward and backward stroke
48-00-5090	4 x 3/4 x .035	10	5	All woods, nail embedded, composition material, plastic, ferrous and non-ferrous metals
48-00-5092	6 x 3/4 x .035	10	5	All woods, nail embedded, composition material, plastic, ferrous and non-ferrous metals
48-01-6092	6 x 3/4 x .035	10	50/box	All woods, nail embedded, composition material, plastic, ferrous and non-ferrous metals
48-00-5091	6 x 3/4 x .050	8/12	5	All woods, nail embedded, composition material, plastic, ferrous and non-ferrous metals, cast iron
48-00-5093	8 x 3/4 x .050	8/12	5	All woods, nail embedded, composition material, plastic, ferrous and non-ferrous metals, cast iron
48-00-5094	12 x 3/4 x .050	8/12	5	All woods, nail embedded, composition material, plastic, ferrous and non-ferrous metals, cast iron
48-00-5163	3-5/8 x 5/16 x .035	18	5	Scroll cutting metal under 1/8"
48-00-5181	4 x 3/4 x .035	14	5	Cutting metal 3/16" through 1/4", conduit, tubing, channels, pipe, rubber, fibre
48-00-5182	6 x 3/4 x .035	14	5	Cutting metal 3/16" through 1/4", conduit, tubing, channels, pipe, rubber, fibre
48-00-5282	6 x 5/8 x .035	14	5	Same as #48-00-5182, but has 5/8" width for higher flexibility
48-00-5187	9 x 3/4 x .035	14	5	Cutting metal 3/16" through 1/4", conduit, tubing, channels, pipe, rubber, fibre
48-00-5183	4 x 3/4 x .035	18	5	Cutting metal 1/8" through 3/16", conduit, tubing, channels, pipe
48-00-5184	6 x 3/4 x .035	18	5	Cutting metal 1/8" through 3/16", conduit, tubing, channels, pipe
48-00-5284	6 x 5/8 x .035	18	5	Same as #48-00-5184, but has 5/8" width for higher flexibility
48-00-5188	9 x 3/4 x .035	18	5	Cutting metal 1/8" through 3/16", conduit, tubing, channels, pipe
48-00-5189	12 x 3/4 x .035	18	5	Cutting metal 1/8" through 3/16", conduit, tubing, channels, pipe
48-00-5185	4 x 3/4 x .035	24	5	Cutting metal thinner than 1/8", tubing, pipe, trim
48-00-5186	6 x 3/4 x .035	24	5	Cutting metal thinner than 1/8", tubing, pipe, trim
48-00-5286	6 x 5/8 x .035	24	5	Same as #48-00-5186, but has 5/8" width for higher flexibility
48-00-5021	6 x 1.0 x .062	5/8	5	Excellent for plunge cutting into wood and nail embedded wood without bending blades
48-00-5026	9 x 1.0 x .062	5/8	5	Cuts into walls that contain wood, nails, plaster and aluminum, great for demolition work
48-00-5027	12 x 1.0 x .062	5/8	5	Extra long demolition blade

UNIVERSAL SHANK JIG SAW BLADES

•Bi-metal •9/32" width

PART NO.	LENGTH (IN.)	TEETH PER INCH	BLADES/ POUCH	RECOMMENDED FOR CUTTING:
48-42-2300	4	6	5	Milled and set - general purpose fast cutting, nail embedded wood
48-42-2310	4	10	5	Milled and set - general purpose fast cutting, nail embedded wood
48-42-2302	4	6	5	Taper ground - very fast clean cutting, all woods
48-42-2311	4	10	5	Taper ground - fast clean cutting, all woods

T-SHANK JIG SAW BLADES

PART NO.	LENGTH x WIDTH (IN)	TEETH PER INCH	BLADES/ POUCH	BLADE MATERIAL	TOOTH TYPE	RECOMMENDED FOR CUTTING:
GENERAL PURPOSE						
48-42-5300	4 x 9/32	6	5	Bi-Metal	Milled and Set	Fast cutting, nail embedded wood
48-42-5310	4 x 9/32	10	5	Bi-Metal	Milled and Set	Fast cutting, nail embedded wood
48-42-5390	3 x 3/16	12	5	Bi-Metal	Milled, Wavy Set	Scroll cutting in wood and metal
48-42-5200	4 x 9/32	6	5	High Carbon Steel	Milled and Set	Very fast rough cutting, wood
48-42-5220	4 x 9/32	8	5	High Carbon Steel	Milled and Set	Fast straight cutting, wood
WOOD CUTTING						
48-42-5302	4 x 9/32	6	5	Bi-Metal	Taper Ground	Very fast clean cutting
48-42-5311	4 x 9/32	10	5	Bi-Metal	Taper Ground	Fast clean cutting
48-42-5385	3 x 3/16	20	5	Bi-Metal	Taper Ground	Scroll cutting in wood and laminates
48-42-5421	4 x 9/32	6	5	High Carbon Steel	Ground and Set	Very fast rough cutting
48-42-5500	4 x 9/32	6	5	High Carbon Steel	Taper Ground	Very fast clean cutting
48-42-5512	4 x 1/4	6	5	High Carbon Steel	Ground and Set	Very fast, rough curve cutting
48-42-5240	4 x 9/32	10	5	High Carbon Steel	Taper Ground	Clean cutting
48-42-5540	4 x 9/32	10	5	High Carbon Steel	Taper Ground	Reverse tooth, no top splinters
48-42-5640	3 x 5/32	12	5	High Carbon Steel	Milled, Wavy Set	Clean scroll cutting
METAL CUTTING						
48-42-5850	4 x 9/32	8	5	Bi-Metal	Milled and Set	Aluminum, non-ferrous metals
48-42-5190	3 x 9/32	14	5	Bi-Metal	Milled, Wavy Set	Thick metal over 1/4" thick
48-42-5192	5-1/4 x 9/32	14	5	Bi-Metal	Milled, Raker Set	Thick metal, tubing, etc.
48-42-5121	3 x 9/32	18	5	Bi-Metal	Milled, Wavy Set	Metal over 1/8" thick
48-42-5161	3 x 9/32	24	5	Bi-Metal	Milled, Wavy Set	Metal under 1/8" thick
48-42-5166	5-1/4 x 9/32	24	5	Bi-Metal	Milled, Wavy Set	Thin metal under 1/8" thick
48-42-5101	3 x 9/32	14	5	High Speed Steel	Milled, Wavy Set	Metal over 1/4" thick
SPECIAL APPLICATION						
48-42-5700	4 x 9/32	Knife	5	High Carbon Steel	—	Rubber and foam materials

6½", 48 TOOTH CARBIDE-TIPPED METAL CUTTING SAW BLADE

For use with #6320-22 Circular Saw

•For ferrous metals

Part No. 48-40-4015.

14", 90 TOOTH CARBIDE-TIPPED METAL CUTTING SAW BLADE

For use with #6190-20 Dry Cut-Off Machine

•Ideal for stainless steel and light gauge ferrous metal applications •Designed to reduce vibration for smoother, quieter cuts •Reduces heat, sparks and noise •Rake angle (10°) optimized for faster, cleaner cuts, longer blade life in specified material •Ideal thickness range is 3/16" or less

Part No. 48-40-4510.

14", 72 TOOTH CARBIDE-TIPPED METAL CUTTING SAW BLADE

For use with #6190-20 Dry Cut-Off Machine

•General purpose ferrous metal blade •Ideal for pipe (black and cast iron), channel, angle iron, tubing (square, rectangular and round), conduit, threaded rod and unistrut •Designed to reduce vibration for smoother, quieter cuts •Reduces heat, sparks and noise •Rake angle (0°) optimized for faster, cleaner cuts, longer blade life in specified material •Ideal thickness range is 3/16" and thicker

Part No. 48-40-4505.

8", DRY CUT TECHNOLOGY CARBIDE-TIPPED METAL CUTTING SAW BLADE

For use with #6370-21 Metal Cut-Off Saw Kit

•Dry cutting provides faster, cleaner, more affordable alternative to friction cutting •Eliminates negatives associated with friction cutting, including virtually all hot sparks, abrasive dust/grit, scorched surfaces and burrs that require post cut finishing •Dry cutting eliminates the need for surface cooling lubrication during cuts •Provides a minimum of 25x the life of standard abrasive discs - fewer blade changes, less cost per cut •Tough Cermet tipped blades resist breakage on impact and cut longer.

Part No. 48-40-4515, 42 tooth, for cutting material > 3/32" thick, including: structural/shape steel, plate steel/bar stock, stair/platform grating, mild steel, stainless steel, aluminum.

Part No. 48-40-4520, 50 tooth, for cutting material < 3/32" thick, including: corrugated metal roof/wall/floor deck and panel, steel framing components, sheet metal, mild steel, stainless steel, aluminum.

CARBIDE-TIPPED SAW BLADES

•Thin kerf design for a lighter cutting load and eliminates wasted material •Individually hand-hammered for guaranteed flatness and proper tension •Precision ground teeth permit a clean cutting surface and a long blade life •5/8" arbor

PART NO.	BLADE DIA.	NO. TEETH	MAX. SAFE SPEED
792422-B	7¼"	40	8300
792199-2	8¼"	18	8500
721336-1A	8¼"	24	7300
792377-4	8¼"	40	7300

CARBIDE-TIPPED SAW BLADES

•Table/Mitre Saw Blades •For general purpose cuts for table and mitre saws •5/8" arbor

PART NO.	BLADE DIA.	NO. TEETH	MAX. SAFE SPEED
792736-2	10"	24	5990
792200-3	10"	50	5990

STEEL SAW BLADES

•Premium quality steel blades for longer life •Hardened steel body prevents blade warping •Designed for faster smoother cutting •Precision teeth can be easily resharpened •5/8" arbor

PART NO.	BLADE DIA.	NO. TEETH	MAX. SAFE SPEED
792446-1	7¼"	40	7220

CARBIDE TIPPED DRY CUTTING BLADES FOR #LC1230 PORTABLE METAL CUTTING SAW

•12" Blade diameter •1" arbor

Part No. A-90897, 60 TPI, recommended for mild steel - pipe (black iron, cast iron), channel.
Part No. A-90722, 60 TPI, recommended for angle iron, tubing (round, square, rectangular).
Part No. A-90875, 78 TPI, recommended for thin mild steel - pipe, angle iron, tubing.
Part No. A-90847, 78 TPI, recommended for stainless steel - as above +conduit, threaded rod.

DRY CUTTING BLADES FOR #4131 PORTABLE METAL CUTTING SAW

•7¼" Blade diameter

Part No. A-93815, Cermet tipped, 36 tooth, recommended for metal sheet, C-stud, angle stud, metal stud, rebar, pipe.
Part No. A-93837, Carbide tipped, 48 tooth, recommended for metal sheet, C-stud, angle stud, metal stud, some rebar, pipe, some corrugated sheet.
Part No. A-93843, Carbide tipped, 70 tooth, recommended for metal sheet, some metal stud, corrugated sheet.

MAKITA SHANK JIG SAW BLADES

•Bi-metal for longer life and wear •High heat resistance •Greater rigidity

PART NO.	LENGTH (IN.)	TEETH PER INCH	BLADES/ POUCH	RECOMMENDED FOR CUTTING:
792144-7	2-3/8"	24	5	Ideal for stainless steel, corrugated plastics and tough plastics
792135-8	2-3/8"	14	5	For decorative veneers
792138-2	2-3/8"	9	5	For general cutting of wood and plastic
792141-3	2-3/8"	9	5	For hardwoods, thick mild steel plate and tough plastics
792132-4	1-5/8"	24	5	Ideal for stainless steel and tough plastics
792269-7	2-3/8"	8	5	For fast cutting
792288-3	2-3/8"	8	5	For fast finish work
792690-0	2-3/8"	13	5	For fast finish work, especially in plywood
792213-4	2-3/8"	9	5	Ideal for scroll cutting

(European) TANG SHANK JIG SAW BLADES

PART NO.	LENGTH (IN.)	TEETH PER INCH	BLADES/ POUCH	RECOMMENDED FOR CUTTING:
792529-7	3-1/8"	9	5	For fast finish work, especially in plywood
792730-4	6-1/8"	6	5	Ideal for cutting thick materials
792469-9	2¾"	6	5	Ideal for scroll cutting
792473-8	2"	24	5	Ideal for stainless steel and tough plastics
792474-6	2"	14	5	Ideal for stainless steel and tough plastics
792476-2	3"	9	5	For hardwoods, thick mild steel plate and tough plastics
792477-0	2¾"	9	5	For scroll cutting in hardwoods and tough plastics
792428-3	2½"	24	5	Ideal for stainless steel and tough plastics
792430-6	3-1/8"	8	5	For fast finish work

RECIPRO SAW BLADES

PART NO.	LENGTH	TEETH PER INCH	BLADES/ POUCH	BLADE MATERIAL	TOOTH TYPE	RECOMMENDED FOR CUTTING:
723019-0F	6"	18	10	High Speed Steel	Milled/Wavy Set	For cutting in metal less than 1/32" thick
723019-0B	4"	18	10	High Speed Steel	Milled/Raker Set	For cutting metal over 3/64" thick

LAZER™ BLADES - Best For Heavy Metal Cutting

Features: •Longer Lasting - lasts 45% longer than the leading competitor's blade •Greater Strength & Durability - unique blade geometry reinforces traditional weak areas, creating stronger and more durable blades. •Shatter Resistant - bi-metal blades bend and resist breaking and extend blade life. •Optimized Performance - thicker (.042) and wider (1") blades minimize whipping for straighter and smoother cuts.

PART NO.	LENGTH x WIDTH x THICKNESS	TEETH PER INCH	RECOMMENDED FOR CUTTING:
20196	6" x 1" x .042	8	Angle iron, thick steel sections pipe > 3/16" dia.
20195	9" x 1" x .042	8	Angle iron, thick steel sections pipe > 3/16" dia.
20197	12" x 1" x .042	8	Angle iron, thick steel sections pipe > 3/16" dia.
20171	6" x 1" x .042	10	Rebar, steel rod, black pipe 3/16" - 1/2"
20177	9" x 1" x .042	10	Rebar, steel rod, black pipe 3/16" - 1/2"
20183	12" x 1" x .042	10	Rebar, steel rod, black pipe 3/16" - 1/2"
20173	6" x 1" x .042	14	Steel rod, black pipe 3/32" - 3/8"
20179	9" x 1" x .042	14	Steel rod, black pipe 3/32" - 3/8"
20185	12" x 1" x .042	14	Steel rod, black pipe 3/32" - 3/8"
20191	12" x 1" x .042	18	Copper pipe & black pipe 1/16" - 1/4"

DEMOLITION BLADES - Best For Nail-Embedded Wood and Demolition

Features: •Extreme Versatility - designed to cut easily through the toughest materials. Cuts dimensional lumber, angle iron, fasteners and metal pipe - simultaneously. •Shatter Resistant - bi-metal blades bend and resist breaking and extend blade life. •Optimized Performance - thicker (.062) and wider (7/8") blades minimize whipping for straighter and smoother cuts.

PART NO.	LENGTH x WIDTH x THICKNESS	TEETH PER INCH	RECOMMENDED FOR CUTTING:
20514	6" x 7/8" x .062	6	Demolition work in nail-embedded wood
20523	9" x 7/8" x .062	6	Demolition work in nail-embedded wood
20485	12" x 7/8" x .062	6	Demolition work in nail-embedded wood
20524	9" x 7/8" x .062	10	Demolition work in wood & metal. Fire & rescue
20515	6" x 3/4" x .050	10/14	Demolition work in wood & metal. Fire & rescue

LENOX GOLD™ BLADES - Longest Lasting Blade

Features: •Longer Lasting - reinforced tooth design and Titanium coating combines to create the longest lasting blade. •Cuts Faster - specially formulated Titanium Edge improves the wear resistance of the teeth for faster cuts throughout the blades life. •Shatter Resistant - bi-metal blades bend and resist breaking and extend blade life.

PART NO.	LENGTH x WIDTH x THICKNESS	TEETH PER INCH	RECOMMENDED FOR CUTTING:
21074	6" x 3/4" x .050	6	Nail-embedded wood cutting
21077	6" x 7/16" x .050	6	Scroll cutting
21076	9" x 3/4" x .050	6	Nail-embedded wood cutting
21075	12" x 3/4" x .050	6	Nail-embedded wood cutting
21078	6" x 3/4" x .035	10	Wood/metal cutting
21079	8" x 3/4" x .050	10	Wood/metal cutting
21080	4" x 3/4" x .035	14	Thick metal cutting
21081	6" x 3/4" x .035	14	Thick metal cutting
21082	4" x 3/4" x .035	18	Medium metal cutting
21083	6" x 3/4" x .035	18	Medium metal cutting
21084	8" x 3/4" x .035	18	Medium metal cutting
21085	4" x 3/4" x .035	24	Thin metal cutting
21086	6" x 3/4" x .035	24	Thin metal cutting
21087	8" x 3/4" x .035	24	Thin metal cutting
21220	6" x 7/8" x .062	6	Demolition
21222	9" x 7/8" x .062	6	Demolition
21223	12" x 7/8" x .062	6	Demolition
21221	9" x 7/8" x .062	10	Demolition
21224	6" x 1" x .042	8	Thickest, heaviest metal Lazer™
21228	9" x 1" x .042	8	Thickest, heaviest metal Lazer™
21225	6" x 1" x .042	10	Extra thick, heavy metal Lazer™
21229	9" x 1" x .042	10	Extra thick, heavy metal Lazer™
21237	12" x 1" x .042	10	Extra thick, heavy metal Lazer™
21226	6" x 1" x .042	14	Thick, heavy metal Lazer™
21235	9" x 1" x .042	14	Thick, heavy metal Lazer™
21238	12" x 1" x .042	14	Thick, heavy metal Lazer™
21227	6" x 1" x .042	18	Medium, heavy metal Lazer™
21236	9" x 1" x .042	18	Medium, heavy metal Lazer™
21239	12" x 1" x .042	18	Medium, heavy metal Lazer™

CONTRACTOR GRADE BLADES

PART NO.	LENGTH x WIDTH x THICKNESS	TEETH PER INCH	RECOMMENDED FOR CUTTING:
22750	6" x 3/4" x .050	6	Nail-embedded wood cutting
22752	9" x 3/4" x .050	6	Nail-embedded wood cutting
22755	12" x 3/4" x .050	6	Nail-embedded wood cutting
22761	6" x 3/4" x .035	10	Wood/metal cutting
22753	8" x 3/4" x .050	10	Wood/metal cutting
22758	12" x 3/4" x .050	10/14	Wood/metal cutting
22760	4" x 3/4" x .035	14	Thick metal cutting
22756	6" x 3/4" x .035	14	Thick metal cutting
22759	4" x 3/4" x .035	18	Medium metal cutting
22751	6" x 3/4" x .035	18	Medium metal cutting
22754	8" x 3/4" x .035	18	Medium metal cutting
22757	6" x 3/4" x .035	24	Thin metal cutting
22763	9" x 7/8" x .062	6	Demolition
22762	9" x 7/8" x .062	10	Demolition
22764	6" x 1" x .042	14	Thick, heavy metal Lazer™
22766	9" x 1" x .042	14	Thick, heavy metal Lazer™
22765	6" x 1" x .042	18	Medium, heavy metal Lazer™
22767	9" x 1" x .042	14	Medium, heavy metal Lazer™

5/PACK BI-METAL RECIP BLADES - Cuts Stronger, Faster and Lasts Longer

Features: •Designed to Attack - unique blade geometry positions the blade for optimum cutting performance •Shatter Resistant - bi-metal blades bend and resist breaking and extend blade life. •Long Lasting - TUFFTOOTH™ design is reinforced to cut stronger and last longer. •5 blades per package

PART NO.	LENGTH x WIDTH x THICKNESS	TEETH PER INCH	RECOMMENDED FOR CUTTING:
20575	6" x 3/4" x .050	4	Extra fast cutting in thick, nail-free wood
20449 20570	4" x 3/4" x .050 6" x 3/4" x .050	6 6	For plaster, plaster board & lath. Bi-directional cutting
20560	6" x 3/4" x .035	6	Fast cutting for wood, composition materials, plastics & non-ferrous metals
20556	6" x 7/16" x .050	6	Contour cutting in all woods, nail-embedded wood & composition materials
20572 20582 20585	6" x 3/4" x .050 9" x 3/4" x .050 12" x 3/4" x .050	6 6 6	Fast cutting. Roughing-in work & nail-embedded wood
20562 20580	6" x 3/4" x .035 8" x 3/4" x .050	10 10	Nail-embedded wood, composition materials & plastics. Pipe, carbon steel, stainless steel: 1/8"-1/4". Non-ferrous metal: 1/8" - 1/2" thick
20577 20583	8" x 3/4" x .050 12" x 3/4" x .050	10/14 10/14	Wood, nail-embedded wood, pipe, carbon steel, stainless steel: 1/8" - 1/4" thick, demolition work, fire & rescue, non-ferrous metal: 1/8" - 1/2" thick
20520	3⅝" x 5/16" x .035	14	Contour cutting in wood < 3/4" thick & in metal 3/32" - 5/16" thick
20550 20564 21519	4" x 3/4" x .035 6" x 3/4" x .035 8" x 3/4" x .035	14 14 14	Pipe, structural steel, stainless steel: 3/32" - 1/4" thick, non-ferrous metal: 3/32" - 3/8" thick
20521	3⅝" x 5/16" x .035	18	Contour cutting in metal: 1/16" - 1/8" thick
20552 20566 20578 21510	4" x 3/4" x .035 6" x 3/4" x .035 8" x 3/4" x .035 12" x 3/4" x .035	18 18 18 18	Structural steel, pipe, conduit, stainless steel: 1/16" - 3/16" thick, non-ferrous metal: 1/16" - 5/16" thick
20554 20568 20579	4" x 3/4" x .035 6" x 3/4" x .035 8" x 3/4" x .035	24 24 24	All metals less than 1/8" thick, tubing, conduit, trim

NEW!!

LENOX Reciprocating Blade Kits

24 PIECE METAL & WOOD CUTTING WITH DEMOLITION BLADES

Contains Five each of reciprocating blades 20572, 20562, 20564, 20566. Two each 20173, 20514. Plastic case.
Part No. 20433.

5 PIECE, 4" & 6" BLADE ASSORTMENT

Contains One each of reciprocating blades 20550, 20552, 20564, 20566, 20572. Vinyl pouch.
Part No. 20502.

Jig Saw Blades

Features: •Greater Precision - super sharp to cut fast without deflection •Smoother Finish - ground to precision sharpness for straighter cuts and a smoother finish •Ideal for Woodworking - designed for optimal performance in wood cutting, including hardwoods.

T-SHANK JIG SAW BLADES

PART NO.	LENGTH	TEETH PER INCH	BLADE MATERIAL	TOOTH TYPE	RECOMMENDED FOR CUTTING:
20293	4"	6	High Carbon Steel	Milled & Set	Fast, rough wood cutting
20812	4"	6	Bi-Metal	Milled & Set	Fast, rough wood cutting
20292	4"	6	High Carbon Steel	Fleam & Taper Ground	Very fast, clean wood cutting
20781	4"	6	Bi-Metal	Fleam & Taper Ground	Very fast, clean wood cutting
20291	4"	10	High Carbon Steel	Fleam & Taper Ground	Clean smooth wood cutting
20814	4"	10	Bi-Metal	Fleam & Taper Ground	Clean smooth wood cutting
20813	4"	10	Bi-Metal	Milled & Set	Fast wood, nail-embedded wood cutting
20290	4"	10D	High Carbon Steel	Fleam & Taper Ground	Down cutting no top splinters
20782	4"	10D	Bi-Metal	Fleam & Taper Ground	Down cutting no top splinters
20815	3⅝"	14	Bi-Metal	Milled & Set	Thick metal cutting (>3/32")
20816	3⅝"	18	Bi-Metal	Milled & Set	Medium metal cutting (1/16" to 1/4")
20294	3⅝"	20	High Carbon Steel	Fleam & Taper Ground	Scroll cutting in wood & laminates
20783	3⅝"	20	Bi-Metal	Fleam & Taper Ground	Scroll cutting in wood & laminates
20817	3⅝"	24	Bi-Metal	Milled & Set	Thin metal cutting (<1/8")

U-SHANK JIG SAW BLADES

PART NO.	LENGTH	TEETH PER INCH	BLADE MATERIAL	TOOTH TYPE	RECOMMENDED FOR CUTTING:
20793	4"	6	High Carbon Steel	Milled & Set	Fast, rough wood cutting
20700	4"	6	Bi-Metal	Milled & Set	Fast, rough wood cutting
20794	4"	6	High Carbon Steel	Fleam & Taper Ground	Very fast, clean wood cutting
20784	4"	6	Bi-Metal	Fleam & Taper Ground	Very fast, clean wood cutting
20790	4"	6	Bi-Metal	Fleam & Taper Ground	Scroll cutting in wood
20795	4"	10	High Carbon Steel	Fleam & Taper Ground	Clean smooth wood cutting
20702	4"	10	Bi-Metal	Fleam & Taper Ground	Clean smooth wood cutting
20796	4"	10D	High Carbon Steel	Fleam & Taper Ground	Down cutting no top splinters
20791	4"	10D	Bi-Metal	Fleam & Taper Ground	Down cutting no top splinters
20705	3⅝"	14	Bi-Metal	Milled & Set	Thick metal cutting (>3/32")
20706	3⅝"	18	Bi-Metal	Milled & Set	Medium metal cutting (1/16" to 1/4")
20797	3⅝"	20	High Carbon Steel	Fleam & Taper Ground	Scroll cutting in wood & laminates
20792	3⅝"	20	Bi-Metal	Fleam & Taper Ground	Scroll cutting in wood & laminates
20707	3⅝"	24	Bi-Metal	Milled & Set	Thin metal cutting (<1/8")

Air Saw Blades

AIR SAW BLADES - Maximum Durability for Pneumatic Machine Cutting

Features: •Longer Lasting - high speed steel teeth provide a strong, long lasting cutting edge •Shatter Resistant - bi-metal blades bend and resist breaking and extended blade life.

PART NO.	LENGTH x WIDTH x THICKNESS	TEETH PER INCH	RECOMMENDED FOR CUTTING:
20423	4" x 1/2" x .025	18	For pneumatic machine cutting applications in the automotive repair and sheet metal industries
20424	4" x 1/2" x .025	24	
20425	4" x 1/2" x .025	32	

Hole Saws & Hole Saw Arbors

CARBIDE TIPPED HOLE SAWS - Designed to Cut Abrasive Materials

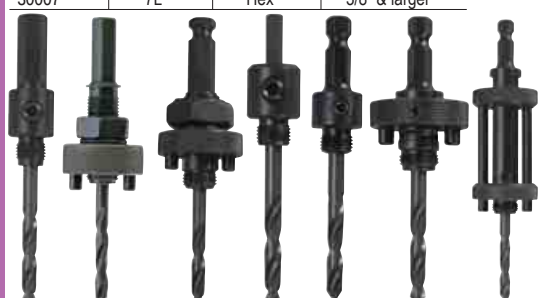
Features: •Added Durability - thick backing plate resists damage and increases life •Unique Tooth Configuration - engineered design provides ability to cut in stainless steel like no other •Long Tool Life - heat resistant carbide teeth for long life in tile and stainless steel •Use Standard Arbor

PART NO.	DIAMETER	USE ARBOR NO.
30211	11/16"	1L or 4L
30212	3/4"	1L or 4L
30214	7/8"	1L or 4L
30216	1"	1L or 4L
30218	1-1/8"	1L or 4L
30220	1-1/4"	2L
30222	1-3/8"	2L
30224	1-1/2"	2L or 7L
30226	1-5/8"	2L or 7L
30228	1-3/4"	2L or 7L
30232	2"	2L or 7L
30234	2-1/8"	2L or 7L
30236	2-1/4"	2L or 7L
30238	2-3/8"	2L or 7L
30240	2-1/2"	2L or 7L
30241	2-9/16"	2L or 7L
30242	2-5/8"	2L or 7L
30243	2-11/16"	2L or 7L
30248	3"	2L or 7L
30252	3-1/4"	2L or 7L
30254	3-3/8"	2L or 7L
30256	3-1/2"	2L or 7L
30258	3-5/8"	2L or 7L
30260	3-3/4"	2L or 7L
30264	4"	2L or 7L
30266	4-1/8"	2L or 7L
30268	4-1/4"	2L or 7L
30272	4-1/2"	2L or 7L
30276	4-3/4"	2L or 7L
30280	5"	2L or 7L
30288	5-1/2"	2L or 7L
30296	6"	2L or 7L

HOLE SAW ARBORS

Features: •Added Durability - hardened carbon steel for strength through the cross-section •Starts on Contact - split point pilot drill for faster penetration and less walking •Simple Plug Ejection - 7L arbor is designed with sliding pins to easily eject plugs from hole saws

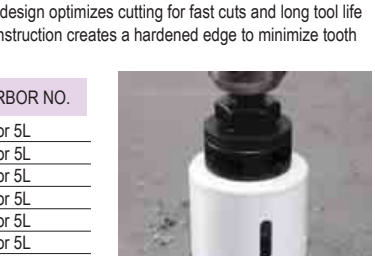
PART NO.	ARBOR NO.	SHANK TYPE	SHANK SIZE
30001	1L	Hex	1/2" & larger
30002	2L	Hex	1/2" & larger
30003	3L	Solid/Hex	1/2" & larger
30004	4L	3 Sided	1/4" & larger
30005	5L	Hex	3/8" & larger
30006	6L	Hex	3/8" & larger
30007	7L	Hex	3/8" & larger



BI-METAL HOLE SAWS - Engineered for Optimum Performance in Wood and Metal

Features: •Added Durability - thick backing plate resists damage and increases life •Unique Tooth Configuration - VARI-TOOTH® design optimizes cutting for fast cuts and long tool life •Resists Tooth Strippage -bi-metal construction creates a hardened edge to minimize tooth stripping •Use Standard Arbor

PART NO.	DIAMETER	USE ARBOR NO.
30009	9/16"	1L, 4L or 5L
30010	5/8"	1L, 4L or 5L
30011	11/16"	1L, 4L or 5L
30012	3/4"	1L, 4L or 5L
30098	25/32"	1L, 4L or 5L
30013	13/16"	1L, 4L or 5L
30014	7/8"	1L, 4L or 5L
30015	15/16"	1L, 4L or 5L
30016	1"	1L, 4L or 5L
30017	1-1/16"	1L, 4L or 5L
30018	1-1/8"	1L, 4L or 5L
30019	1-3/16"	1L, 4L or 5L
30020	1-1/4"	2L, 3L or 6L
30021	1-5/16"	2L, 3L or 6L
30022	1-3/8"	2L, 3L or 6L
30023	1-7/16"	2L, 3L or 6L
30024	1-1/2"	2L, 3L, 6L or 7L
30025	1-9/16"	2L, 3L, 6L or 7L
30026	1-5/8"	2L, 3L, 6L or 7L
30027	1-11/16"	2L, 3L, 6L or 7L
30028	1-3/4"	2L, 3L, 6L or 7L
30029	1-13/16"	2L, 3L, 6L or 7L
30030	1-7/8"	2L, 3L, 6L or 7L
30032	2"	2L, 3L, 6L or 7L
30033	2-1/16"	2L, 3L, 6L or 7L
30034	2-1/8"	2L, 3L, 6L or 7L
30036	2-1/4"	2L, 3L, 6L or 7L
30037	2-5/16"	2L, 3L, 6L or 7L
30038	2-3/8"	2L, 3L, 6L or 7L
30040	2-1/2"	2L, 3L, 6L or 7L
30041	2-9/16"	2L, 3L, 6L or 7L
30042	2-5/8"	2L, 3L, 6L or 7L
30043	2-11/16"	2L, 3L, 6L or 7L
30044	2-3/4"	2L, 3L, 6L or 7L
30046	2-7/8"	2L, 3L, 6L or 7L
30048	3"	2L, 3L, 6L or 7L
30050	3-1/8"	2L, 3L, 6L or 7L
30052	3-1/4"	2L, 3L, 6L or 7L
30054	3-3/8"	2L, 3L, 6L or 7L
30056	3-1/2"	2L, 3L, 6L or 7L
30058	3-5/8"	2L, 3L, 6L or 7L
30060	3-3/4"	2L, 3L, 6L or 7L
30062	3-7/8"	2L, 3L, 6L or 7L
30064	4"	2L, 3L, 6L or 7L
30066	4-1/8"	2L, 3L, 6L or 7L
30068	4-1/4"	2L, 3L, 6L or 7L
30070	4-3/8"	2L, 3L, 6L or 7L
30072	4-1/2"	2L, 3L, 6L or 7L
30074	4-5/8"	2L, 3L, 6L or 7L
30076	4-3/4"	2L, 3L, 6L or 7L
30080	5"	2L, 3L, 6L or 7L
30088	5-1/2"	2L, 3L, 6L or 7L
30096	6"	2L, 3L, 6L or 7L



LENOX

LENOX

Hole Saw Accessories

Pilot drill

Extension

Arbor Adapter

PART NO.	DESCRIPTION	CHUCK SIZE	FITS ARBOR NO.
30850	Pilot drill	1/4"	1L, 2L or 4L
30851	Pilot drill	1/4"	3L, 5L, 6L or 7L
30297	Carbide tipped pilot drill	1/4"	1L, 2L, 4L or 7L
30857	Arbor Adapter		1L, 4L or 5L
30848	18" Extension	1/2" & larger	1L, 2L or 3L
30847	12" Extension	1/2" & larger	1L, 2L or 3L
30843	10" Extension	3/8" & larger	5L, 6L or 7L
30846	5½" Extension	1/2" & larger	1L, 2L or 3L

SET SCREWS

Part No. 29101, 1/4" Set Screw for 6L.
Part No. 29102, 5/16" Set Screw for 1L, 4L, 5L.
Part No. 29103, 1/2" Set Screw for 2L.
Part No. 29111, 5/16" - 24 Hex Screw.

LENOX®

Hole Saw Kits

26 PIECE BIG DADDY™ BI-METAL HOLE SAW KIT

Contains hole saw sizes: 3/4", 7/8", 1", 1⅛", 1⅜", 1½", 1¾", 2", 2⅛", 2¼", 2½", 2 11/16", 3", 3¼", 3⅜", 3⅝", 3¾", 4⅛", 4½", 4¾". Arbors: 1L, 2L, 5L. Two Pilot drills No. 30850. and one No. 30851. Plastic case.
Part No. 30804.

7 PIECE AUTOMOTIVE BI-METAL HOLE SAW KIT

Contains hole saw sizes: 3/4", 7/8", 1, 1⅛",1¼". Arbor 5L, one arbor adapter. Plastic case.
Part No. 30805.

10 PIECE ELECTRICIAN'S BI-METAL HOLE SAW KIT

Contains hole saw sizes: 7/8", 1⅛", 1⅜", 1¾", 2, 2½". Arbors: 2L, 5L. Pilot drill No. 30850, one arbor adapter. Plastic case.
Part No. 30800.

17 PIECE GENERAL PURPOSE BI-METAL HOLE SAW KIT

Contains hole saw sizes: 5/8", 3/4", 7/8", 1", 1⅛", 1¼", 1⅜", 1½", 1¾", 2", 2½", 3". Arbors: 1L, 2L. Three Pilot drills No. 30850. Plastic case.
Part No. 30820.

10 PIECE PLUMBER'S BI-METAL HOLE SAW KIT

Contains hole saw sizes: 3/4", 7/8", 1⅛", 1½", 1¾", 2¼". Arbors: 2L, 5L. Pilot drill No. 30850. Arbor adapter. Plastic case.
Part No. 30808.

9 PIECE ELECTRICIAN'S CARBIDE TIPPED HOLE SAW KIT

Contains hole saw sizes: 7/8", 1⅛", 1⅜", 1¾", 2, 2½". Arbors: 1L, 2L. Carbide tipped pilot drill No. 30297. Plastic case.
Part No. 30295.

15 PIECE GENERAL PURPOSE CARBIDE TIPPED HOLE SAW KIT

Contains hole saw sizes: 3/4", 7/8", 1", 1⅛", 1¼", 1⅜", 1½", 1¾", 2", 2 9/16", 3". Arbors: 1L, 2L. Carbide tipped pilot drill #30297. Plastic case.
Part No. 30290.

9 PIECE PLUMBER'S CARBIDE TIPPED HOLE SAW KIT

Contains hole saw sizes: 3/4", 7/8", 1⅛", 1½", 1¾", 2¼". Arbors: 1L, 2L. Carbide tipped pilot drill No. 30297. Plastic case.
Part No. 30294.

LENOX®

Protool Lube®

A unique synthetic blend designed to increase tool life when cutting, milling, reaming, tapping and drilling metal, wood and plastics. Shortens cutting time by up to 50%. Provides smoother, cleaner cutting and dramatically longer blade life. Reduces heat and friction. Water soluble, so it cleans up with water. Biodegradable and non-toxic.
Part No. 68082, 6 ounce bottle.
Part No. 68047, 1 gallon container.
Part No. 68048, 5 gallon container.
Part No. 68050, 55 gallon drum.

Bi-Metal Hacksaw Blades

Features: •Shatter Resistant - bi-metal construction allows blade to bend and flex •Longer Life - TUFFTOOTH™ design eliminates tooth strippage

PART NO.	LENGTH x WIDTH	TEETH PER INCH
20110	10" x 1/2"	18
20111	10" x 1/2"	24
20112	10" x 1/2"	32
20116	12" x 1/2"	18
20117	12" x 1/2"	24
20118	12" x 1/2"	32

Saw Blades

MARATHON® THIN KERF CIRCULAR SAW BLADES FOR WOOD - FRAMING/RIPPING

•Most popular all-purpose blade for ripping and crosscut •Small number of teeth for fast cutting when smooth finish is not needed •Ideal blade for house framing •Alternate top bevel grind •Precision honed C3 carbide tips •Carded

PART NO.	DIAMETER	NO. OF TEETH	ARBOR HOLE	KERF	HOOK ANGLE
14011	5½"/140 mm	24	universal	.067"/1.7 mm	20°
14015	5-3/8"/137 mm	18	10 mm	.067"/1.7 mm	20°
14020	6½"/165 mm	18	universal	.067"/1.7 mm	20°
14029	6½"/140 mm	24	universal	.067"/1.7 mm	20°
14027	5½"/165 mm	18	universal	.067"/1.7 mm	20°
24030	7¼"/184 mm	24	universal	.067"/1.7 mm	20°

MARATHON® THIN KERF CIRCULAR SAW BLADES FOR WOOD - TRIM/FINISH

•For applications in pressure treated lumber •Silicone coating allows blades to slice easier through material reducing pitch and resin •Alternate top bevel grind made of durable C2 carbide •Carded

PART NO.	DIAMETER	NO. OF TEETH	ARBOR HOLE	KERF	HOOK ANGLE
14023	6½"/165 mm	40	universal	.067"/1.7 mm	20°
14031	7¼"/184 mm	40	universal	.067"/1.7 mm	20°
14050	8¼"/203 mm	24	universal	.078"/2.0 mm	20°

CLASSIC SERIES CIRCULAR SAW BLADES FOR WOOD

- GENERAL PURPOSE •General purpose blade for cross-cutting in hard and soft woods •Can also be used in cutting plywood and composition board •Alternate top bevel grind carbide tips
- TRIM/FINISH •For general purpose use when cross-cutting and trimming all woods, panelling, plywood, and chipboard •Alternate top bevel grind carbide tips

PART NO.	DIAMETER	NO. OF TEETH	ARBOR HOLE	KERF	HOOK ANGLE	APPLICATION
15120	6½"/165 mm	24	universal	.106"/2.7 mm	27°	Framing/Ripping
15220	6½"/165 mm	40	universal	.106"/2.7 mm	16°	Trim/Finish
15150	8¼"/203 mm	24	universal	.106"/2.7 mm	15°	General Purpose
25130	7¼"/184 mm	24	universal	.106"/2.7 mm	18°	Tooth Framing/Ripping
25230	7¼"/184 mm	40	universal	.088"/2.2 mm	12°	Tooth Trim/Finish

IRWIN® Industrial Tools

BLAIR™ Professional Holemaking Equipment

ROTABROACH® CUTTERS

For precision holemaking in sheet metal and frame materials up to ½" thick, Blair Rotabroach Annular Cutters make clean, burr-free, round holes with no deforming of stock or damage to the surrounding material. Ideal for sheet metal fabrication or PDR and rustproofing access holes because the snap-in plugs fit perfectly. Custom builders and aftermarket equipment installers can also count on the superior quality holes.

Rotabroach Cutters are precision ground and made of M2 H.S.S. with a patented tooth geometry that also prevents chip clogging whether cutting steel, sheet metal or plastics. Unlike hole saws and twist drills that push and tear through materials, these cutters will make hundreds of holes with no deforming of stock, jagged edges or out-of-round holes.

Arbors for Rotabroach Cutters fit 3/8" and ½" hand held drill chucks and use either spring loaded pilots or skip-proof pilots which eliminate pre-drilling operations.

Cut Holes 3x faster and lasts 10x longer than twist drills or hole saws!

Quality Shows...
1. New Twist Drill
2. New Hole Saw
3. Used Rotabroach Cutter

KITS

ROTABROACH CUTTER KITS

Part No. 11090, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, and 3/4" cutters, arbor #11122, hex wrench, centre punch, and extra pilot.
Part No. 11092, Metric. 8, 10, 12, 14, 16, 18, and 20 mm cutters, arbor #11122, hex wrench, centre punch, and extra pilot.

ROTABROACH LARGE DIAMETER CUTTER KIT

Part No. 11091, 7/8, 1, 1-1/8, 1¼, 1-3/8, and 1½" cutters, arbor #11007, hex wrench, centre punch, and extra pilot.

INDIVIDUAL PIECES

PART NUMBER	DIAMETER (inches)	DECIMAL EQUIVALENT
Use Arbor #11122 • ¼" D.O.C.		
11100-3	1/4	.2500
11104-3	5/16	.3125
Use Arbor #11122 or #11123 • ¼" D.O.C.		
11108-3	3/8	.3750
11112-3	7/16	.4375
11116-3	1/2	.5000
11120-3	9/16	.5625
11124-3	5/8	.6250
11128-3	11/16	.6875
11132-3	3/4	.7500
Use Arbor #11007 • ½" D.O.C.		
11336	13/16	.8125
11340	7/8	.8750
11344	15/16	.9375
11348	1	1.0000
11352	1-1/16	1.0625
11356	1-1/8	1.1250
11360	1-3/16	1.1875
11364	1¼	1.2500
11365	1-5/16	1.3125
11366	1-3/8	1.3750
11367	1-7/16	1.4375
11368	1½	1.5000

PART NUMBER	DIAMETER (metric)	DECIMAL EQUIVALENT
Use Arbor #11122 • ¼" D.O.C.		
11206-3	6 mm	.2362
11207-3	7 mm	.2756
11208-3	8 mm	.3150
11209-3	9 mm	.3543
Use Arbor #11122 or #11123 • ¼" D.O.C.		
11210-3	10 mm	.3937
11211-3	11 mm	.4331
11212-3	12 mm	.4724
11213-3	13 mm	.5118
11214-3	14 mm	.5512
11215-3	15 mm	.5906
11216-3	16 mm	.6299
11217-3	17 mm	.6693
11218-3	18 mm	.7087
11219-3	19 mm	.7480
11220-3	20 mm	.7874

ARBORS

For 3/8" and larger drill chucks:
Part No. 11123, Arbor w/ Skip-Proof Pilot for 3/8" (10 mm) to ¾" (20 mm) cutters.
Part No. 11122, Arbor w/ Pilot Pin for ¼" (6 mm) to ¾" (20 mm) cutters.

For ½" and larger drill chucks:
Part No. 11007, Arbor for 13/16" to 1½" cutters.
Part No. 11008, Washer for #11007.

PILOTS

Part No. 11097, Pack of 3, pilot for #11123 arbor.
Part No. 11121, Pack of 3, pilot for #11122 arbor.
Part No. 11628, Pack of 3, pilot for #11007 arbor.

BLAIR SPOTWELD CUTTER

Blair Double-End Spotweld Cutters makes removing body panels fast and easy. Their hollow design cuts around the spotweld so weld hardness does not affect tool sharpness. When one end becomes dull, simply unscrew the cutter and flip it over using the new teeth on the other side. An adjustable depth rod sets the tool so only the outer panel is cut, leaving the underlying panel undamaged.
Part No. 13224, Blair Double-End Spotweld Cutter Tool.
Part No. 13214, 3-pack 3/8" Double-End Spotweld Cutters.

13224

13214

SPOTWELD CUTTER KITS

Part No. 11082, (3) 3/8" cutters, arbor #11122 w/ standard pilot and extra pilot.
Part No. 11096, (3) 3/8" cutters, arbor #11123 w/ skip-proof pilot, and extra pilot.

HOLCUTTERS™

For large holemaking in sheet metal and other materials up to 1/8" thick.
Holcutters™ are not hole saws. They are precision ground, heat treated tools that easily cut through the stock rather than ripping, tearing, and pushing through as do typical hole saws. They can produce holes 3X faster and cleaner than hole saws in sheet metal and have a dramatically extended tool life.
Holcutters produce holes from 11/16" up to 3" diameter in sheet metal, rubber, gasket or fibre materials, and some plastics. Ideal for aftermarket installations, custom fabrication, trailers, or gauge installation. Arbor fits ½" drill chucks. Holcutters have a new patented Quad-Lead Thread System for quick cutter changes.

Now with "Easy On, Easy Off" Thread System
New Arbor Fits All Sizes

"Easy On, Easy Off"

INDIVIDUAL PIECES

PART NUMBER	DIAMETER (inches)	DECIMAL EQUIVALENT
Arbor #14609 w/ Quad-Lead Thread • 1/8" D.O.C.		
14622	11/16	.6875
14624	3/4	.7500
14626	13/16	.8125
14628	7/8	.8750
14630	15/16	.9375
14632	1	1.0000
14634	1-1/16	1.0625
14636	1-1/8	1.1250
14638	1-3/16	1.1875
14640	1¼	1.2500
14642	1-5/16	1.3125
14644	1-3/8	1.3750
14646	1-7/16	1.4375
14648	1½	1.5000
14650	1-9/16	1.5625
14652	1-5/8	1.6250
14654	1-11/16	1.6875
14656	1¾	1.7500
14660	1-7/8	1.8750
14662	2	2.0000
14664	2-1/16	2.0625
14666	2-1/8	2.1250
14668	2¼	2.2500
14672	2-3/8	2.3750
14674	2½	2.5000
14676	2-9/16	2.5625
14678	2-5/8	2.6250
14680	2¾	2.7500
14682	2-7/8	2.8750
14684	3	3.0000

ARBORS

Part No. 14609, Arbor for Quad-Lead Holcutters.

PILOTS

Part No. 14610, Pack of 3, pilot for Quad-Lead Holcutters.

ACCESSORIES

Part No. 14611, Pack of 3, Holcutter washers.
Part No. 14612, Pack of 3, Holcutter screws.

HOLCUTTER KIT

Part No. 14006, 7/8, 1-1/8, 1-3/8, 1¾, 2, 2½" cutters, arbor, hex wrench, and extra pilot.

RUSTPROOFER KITS

Part No. 11081, (3) 1/2" cutters, arbor #11122 w/ standard pilot, and extra pilot.
Part No. 11095, (3) 1/2" cutters, arbor #11123 w/ skip-proof pilot, and extra pilot.

PDR ACCESS HOLE KIT

Part No. 11080, 1/4, 3/8, 1/2, and 3/4" cutters, arbor w/ standard pilot, and extra pilot.

Blair
"Holemaking & Auto Body Solutions For The Professional"

Section D

Hardware & Miscellaneous Products

CELEBRATING 40 YEARS
40
1968
Gregg
2008

GARANT® PRODUCTS
Shovels

PART NO.	DESCRIPTION	GRADE*	HANDLE TYPE	HANDLE LENGTH	BLADE DIMENSION
Poly Snow Shovels & Pushers					
YEMECAR	Car shovel - poly blade, stainless steel telescopic handle	Yukon	poly "D"	14"	11" x 15.78"
NP091KD	Car shovel - poly blade, hardwood handle	Nordic	poly "D"	28¼"	9-1/8 x 12-5/8"
NP139KD	Snow shovel - poly blade, varnished hardwood handle	Nordic	poly "D"	40¼"	13-7/8 x 16¾"
NPM18KD	Mountain Mover - poly blade, varnished hardwood handle	Nordic	poly "D"	42¼"	17¼ x 18"
YPM18EAKD	Snow shovel - poly blade, ergonomic aluminum light-weight handle	Yukon Ergo	poly "D"	41"	17¼ x 18"
NPP21KD	Snow pusher - poly blade, varnished hardwood handle	Nordic	poly "D"	46¼"	13¼ x 20¾"
YPP24SAKD	Snow pusher - poly blade, aluminum light-weight handle	Yukon Ergo	poly "D"	41"	11¾ x 24"
YPP24EAKD	Snow pusher - poly blade, ergonomic aluminum light-weight handle	Yukon Ergo	poly "D"	41"	11¾ x 24"
NPP26KD	Snow pusher - poly blade, varnished hardwood handle	Nordic	poly "D"	46¼"	13¼ x 26"
YPSS26	26" ergonomic snow sleigh shovel, blue poly scoop with steel wear strip	Yukon Ergo	ergo steel	54"	27½" x 31"
NPP21KDVS	Snow pusher - poly blade, VersaGrip handle for optimal hand positioning	Nordic	VersaGrip	48¼"	20¾" x 11"
NPP26KDVS	Snow pusher - poly blade, VersaGrip handle for optimal hand positioning	Nordic	VersaGrip	48¼"	26" x 11"
Steel & Aluminum Snow Shovels & Pushers					
LS110D	Snow shovel - stamped steel blade, hardwood handle	Lynx	poly "D"	32¼"	11 x 12½"
YHS6D	All purpose shovel -stamped and tempered steel blade, varnished ash handle	Yukon	steel "D"	34¾"	11½ x 14½"
YSP24D	Snow pusher - steel blade, varnished ash handle	Yukon	steel "D"	42¾"	12 x 24"
YSP30D	Snow pusher - steel blade, varnished ash handle	Yukon	steel "D"	42¾"	12 x 30"
YA115D	Square point shovel, aluminum, ash handle	Yukon	steel "D"	34¾"	11½" x 14-3/8"
YA110SAD	Snow shovel - rust resistant aluminum blade, ultra-light aluminum ergonomic handle	Yukon Ergo	poly "D"	38"	13½" x 11"
Snow Roof Rake					
GPRR24	Snow roof rake - poly blade, anodized aluminum handle, 3 sections of 60". Will not rust. Weighs only 4¼ lbs. Total length 16 ft. 3-3/8".	Garant	alum	16 ft.	24 x 6 x 1-7/8"

*GRADE: Please see the legend on page D4 for a description of Garant's grade classification system.

Garant
Canada's Official Tool since 1895

Shovels

PART NO.	DESCRIPTION	GRADE*	HANDLE TYPE	HANDLE LENGTH	BLADE DIMENSION
Grain & Coal Shovels					
GPG12D	Grain scoop - poly blade, ash handle	Grizzly	poly "D"	30¼"	14½ x 18½"
LAG08D	Grain scoop - aluminum blade, natural finish, hardwood handle	Econo	poly "D"	28¼"	13 x 17-3/8"
GAG08D	Grain scoop - aluminum blade, natural finish, varnished ash handle	Grizzly	steel "D"	27¾"	13 x 17-3/8"
GAG08D35	Grain scoop - aluminum blade, natural finish, varnished ash handle	Grizzly	steel "D"	34¾"	13 x 17-3/8"
GSG08D	Grain and coal scoop - stamped and tempered steel blade, ash handle	Grizzly	steel "D"	27¾"	14¼ x 16½"
GAG10L	Grain scoop - long handle, aluminum blade with premium ash handle	Grizzly	straight	48"	13-3/8" x 18¼"
Round Point Shovels					
GFR2D	Round point shovel, solid shank and tempered steel blade, ash handle	Grizzly	steel "D"	25½"	9 x 12¼"
GFR2L	Same as above model	Grizzly	straight	48"	9 x 12¼"
GIFR2FD	Round point shovel, solid shank and tempered steel blade, forward turned step, ash handle. Longer socket for better shovel balance	Grizzly	steel "D"	25½"	8¾ x 11¼"
GIFR2FL	Same as above model	Grizzly	straight	48"	8¾ x 11¼"
GHR2FD	Round point shovel, hollow back tempered steel blade, forward turned step, ash handle	Grizzly	steel "D"	27¾"	8-5/8 x 11½"
GHR2FL	Same as above model	Grizzly	straight	48"	8-5/8 x 11½"
SHR2L	Round point shovel, hollow back tempered steel blade, rolled step, hardwood handle	Practica	straight	46"	8½ x 11¼"
LHR2D	Round point shovel, hollow back tempered steel blade, rolled step, hardwood handle	Econo	poly "D"	25-5/8"	8 x 10¾"
LHR2L	Same as above model	Econo	straight	42"	8 x 10¾"

*GRADE: Please see the legend on page D4 for a description of Garant's grade classification system.

Garant®
Canada's Official Tool since 1895

LAG08D

GAG08D

GSG08D

GAG10L

GIFR2FD

LHR2D

GHR2FL

SHR2L

GARANT® PRODUCTS
Shovels

PART NO.	DESCRIPTION	GRADE*	HANDLE TYPE	HANDLE LENGTH	BLADE DIMENSION
	Square Point Shovels				
BDLS2	Forged square point shovel, solid shank and tempered steel blade, ash handle	Grizzly	straight	48"	9½ x 12"
GFS2D	Square point shovel, solid shank and tempered steel blade, ash handle	Grizzly	steel "D"	25½"	9½ x 12"
GFS2L	Same as above model	Grizzly	straight	48"	9½ x 12"
LHS2D	Square point shovel, hollow back, tempered steel blade, hardwood handle	Econo	poly "D"	25-5/8"	9½ x 11"
LHS2L	Same as above model	Econo	straight	42"	9½ x 11"
	Garden Spades				
GFGS2FD	Garden spade, solid shank and tempered steel blade, forward turned step, ash handle	Grizzly	steel "D"	25½"	7-1/8 x 11¾"
LHGS2D	Garden spade, hollow back and tempered steel blade, forward turned step, hardwood handle	Econo	poly "D"	25-5/8"	6-7/8 x 12"
	Drain & Roofer's Spades				
GFDS14D	Drain spade, solid shank, tempered steel blade, forward turned step, ash handle	Grizzly	steel "D"	25½"	5½ x 14"
SHDS14FD	Drain spade, hollow back, tempered steel blade, forward turned step, hardwood handle	Practica	poly "D"	26-5/8"	5½ x 14"
GHRS2D	Roofer's spade (shingles), tempered notched steel blade, fulcrum welded to back of blade for leverage. Backward turned step, ash handle.	Grizzly	steel "D"	32¾"	6-7/8 x 12"
GHRS2L	Same as above model	Grizzly	straight	48"	6-7/8 x 12"

*GRADE: Please see the legend on page D4 for a description of Garant's grade classification system.

Garant
Canada's Official Tool since 1895

LHS2D

LHS2L

GFGS2FD

LHGS2D

SHDS14FD

GHRS2D

GHRS2L

GARANT® PRODUCTS

Shovels, Scrapers, Augers, etc.

PART NO.	DESCRIPTION	GRADE*	HANDLE TYPE	HANDLE LENGTH	BLADE DIMENSION
	Fire Fighting Shovels				
GFFR1D	Fire-fighting shovel, solid shank, tempered and sharpened steel blade, ash handle	Grizzly	steel "D"	25½"	7¼ x 10½"
GFFR1L	Same as above model	Grizzly	straight	38"	7¼ x 10½"
	Scrapers, Augers, etc.				
YFSW4	Sidewalk scraper, long handle with forged blade, premium ash handle	Yukon	straight	48"	3¾" x 14"
YFSW9	Sidewalk scraper, forged and tempered steel blade, varnished ash handle	Yukon	straight	48"	6¼ x 8½"
NHSW7	Sidewalk scraper, stamped and tempered steel blade, hardwood handle	Nordic	straight	48"	5½ x 7"
GPHAA	Adjustable auger (screw type) for 6, 7, or 8" hole diameter, tubular steel shaft, hardwood "T" handle	Grizzly	"T"	22"	5 x 8"
SPHD	Post hole digger, hardwood handle	Practica	straight	48"	4¾ x 9"
GT1142	Forged steel tamper, for asphalt and gravel, hardwood handle	Grizzly	straight	42"	8 x 8"
GFPS08	Post hole spoon, solid shank tempered steel blade, premium ash handle	Grizzly	straight	96"	9 x 10¾"

*GRADE: Please see the legend below for a description of Garant's grade classification system.

YFSW4

YFSW9

NHSW7 GPHAA

SPHD

GT1142

GFPS08

TERMINOLOGY/GRADE CLASSIFICATION LEGEND

Grades

Yukon
Top-of-the-line winter tools for consumers and contractors alike. Designed for intense and continuous use. Tools that stand up to the heaviest snows and coldest winters.

Yukon Ergo
The line that exceeds expectations regarding comfort, light weight and strength. Posture while working makes all the difference — ideal handle length and curvature for users of all heights.

Nordic
Good quality winter tools designed for customers who want great value.

Lynx
Line of promotional snow tools that offers good value at promotional prices.

Grizzly
Tempered or forged steel heads and blades for industrial, heavy duty, or agricultural use.

Practica
Practical tools for light work.

Econo
Quality Garant tools at special low prices.

Differences Between the Shovel Blades

Forged
The blade, shank, and socket are forged using a single piece of high carbon steel, then tempered. The progressive variation in the thickness of the steel gives the shovel maximum sturdiness in those areas subject to the greatest stress.

Hollow Back
Sturdy one-piece construction. The blade and socket are stamped and tempered from a single sheet of high carbon steel.

GARANT® PRODUCTS
Axes, Post Mauls, Picks & Mattocks, & Handles

ALL PURPOSE AXE w/ HICKORY HANDLE
All purpose axe, Michigan style forged steel head, hickory handle, non-slip safety grip. 36" handle length, 3½ lb. head.
Part No. MIC35036.

ALL PURPOSE AXE w/ FIBREGLASS HANDLE
All purpose axe, Michigan style forged steel head, poly covered 34" fibreglass core handle. 3½ lb. head.
Part No. MIC35034FG.

HATCHET
For camping, hunting, and fishing; semi-professional grade, forged steel head, 16" hardwood handle, 1½ lb. head.
Part No. HUN15016.

ALL PURPOSE AXE w/ HICKORY HANDLE
Standard grade, forged steel head, 34" hickory handle, 3½ lb. head.
Part No. LOC35034.

FARMER'S POST MAUL
Industrial grade, cast iron head, hickory handle, non-slip safety grip. 36" handle length. 10 lb. head weight.
Part No. FM1036.

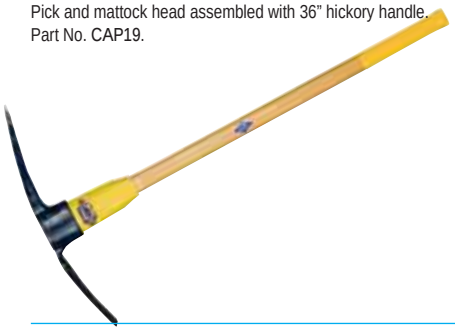
PICK & MATTOCK HEAD
Semi-professional grade, forged and tempered steel. 18¾" total length.
Part No. HD19.

CUTTER MATTOCK HEAD
Forged and tempered steel. Ideal size for breaking and smoothing hard ground, removing rocks and roots. 16¼" total length.
Part No. HD29.

CLAY PICK HEAD
Forged and tempered steel. 21" total length.
Part No. HD30.

CLAY PICK HEAD
Semi-professional grade, forged and tempered steel. 22¾" total length.
Part No. HD40.

PICK & MATTOCK HEAD w/ HANDLE
Pick and mattock head assembled with 36" hickory handle.
Part No. CAP19.



CLAY PICK HEAD w/ HANDLE
Clay pick head assembled with 36" hickory handle.
Part No. CAP40.

FIBREGLASS HANDLE
Poly covered fibreglass core 34" axe handle. Requires #G799K epoxy glue kit, sold below.
Part No. G752RYB.

ASH HANDLE
White ash, regular model pick and mattock head handle, clear varnish finish, non-slip safety grip. 36" in length.
Part No. B60536-01SG.

EPOXY GLUE KIT
2 part epoxy glue kit for use with axe handle #G752RYB.
Part No. G799K.

Garant®

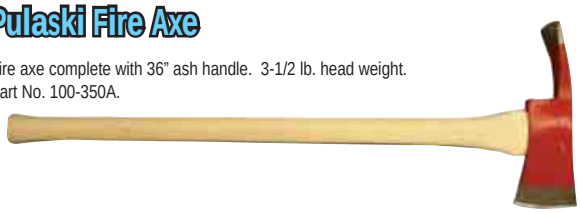
Canada's Official Tool since 1895

AXES

DDD/2491

Pulaski Fire Axe

Fire axe complete with 36" ash handle. 3-1/2 lb. head weight.
Part No. 100-350A.



ELGIN

ELG/2020

Replacement Handles

48" STRAIGHT SHOVEL HANDLE - 3 STAR
Part No. SS-48.

28" YD SHOVEL HANDLE - 3 STAR
Part No. YD-28.

36" SINGLE BIT AXE HANDLE - KING
Part No. SB-36.

16" HUNTER'S AXE HANDLE - KING
Part No. HA-16.

#4 STEEL WEDGE
For sledges and axes.
Part No. ST-4W.

WOODEN AXE WEDGE
Part No. WA-W.

GARANT® PRODUCTS

GAR/2310

Hose Reels

DELUXE ALL POLY HOSEKING® WALL MOUNT HOSE REEL
4½ ft. leader hose. Smooth sliding hose guide. Handy tray. 225 ft. of 5/8" hose capacity on strong snap-together 16" basket. Heavy duty crank handle, and quick connect system.
Part No. 23887.

REELEASY® SIDE MOUNT HOSE REEL
Convenient, molded-in hose guide with 180° arc. 4 ft. leader hose with brass coupling. 100 ft. of 5/8" hose capacity.
Part No. 23883.

HOSEKING® RIBBED STEEL HOSE HANGER
Part No. 23835.

HOSEKING® POLY HOSE HANGER
Part No. 23840.

HOSEKING® DELUXE POLY HOSE HANGER
Slotted shelf for hose accessories.
Part No. 23841.

PLEASE NOTE: Hose not included

Garant
Canada's Official Tool since 1895

GARANT® PRODUCTS
Lawn & Gardening Equipment

PART NO.	DESCRIPTION	GRADE*	HANDLE LENGTH	HEAD/BLADE WIDTH
	Lawn & Gardening Equipment			
LPLR22	**Poly lawn rake**, light and durable,hardwood handle	Econo	48"	22"
LLR22	**Springback lawn rake**, 22 tempered steel tines, hardwood handle	Econo	48"	21"
LBR14	**Bow rake**, black baked enamel head finish, hardwood handle	Econo	48"	14"
LDR24	**Dandelion and thatching rake**, black baked enamel head finish, hardwood handle	Econo	54"	17"
GAR14	**Steel asphalt rake**, gold baked enamel head finish, 18" steel shank securely welded to the head, ash handle	Grizzly	60"	15-5/8"
GALR36	**Landscaping level rake**, anodized aluminum handle, aluminum head and brace	Grizzly	66"	36"
EAAL36	**Asphalt rake**, anodized aluminum handle, aluminum head and brace	Grizzly	82"	36"
LGH6	**Garden hoe**, shank type, black baked enamel head finish, hardwood handle	Econo	48"	6 x 3-5/8"
STED	**Turf edger**, with foot step, tempered steel blade, baked enamel finish, hardwood poly "D" handle	Practica	31-5/8"	9 x 4¾"
SC348	**Chrome plated cultivator**, 3 forged steel prongs, hardwood handle	Practica	48"	3-1/8"

Garant
Canada's Official Tool since 1895

*GRADE: Please see the legend on page D4 for a description of Garant's grade classification system.

LPLR22

LLR22

LBR14

LDR24

GAR14

GALR36

EAAL36

LGH6

STED

SC348

Light Farm Tools

PART NO.	DESCRIPTION	GRADE*	HANDLE TYPE	HANDLE LENGTH	BLADE DIMENSION
	Light Farm Tools				
L410D	Spading fork, one piece forged and tempered steel head, black baked enamel finish, hardwood handle, 4 tine	Econo	poly "D"	30½"	6 x 10"
G031248	Hay fork, one piece forged and tempered steel head, gold baked coating, ash handle, 3 tine	Grizzly	straight	48"	7¼ x 12"
G0413D	Manure fork, one piece forged and tempered steel head, gold baked coating, ash handle, 4 tine	Grizzly	steel "D"	32¾"	9¼ x 13"
G0413L	Same as above, 4 tine	Grizzly	straight	48"	9¼ x 13"
G0513D	Same as above, 5 tine	Grizzly	steel "D"	32¾"	9¾ x 13"
G0513L	Same as above, 5 tine	Grizzly	straight	48"	9¾ x 13"
G0613D	Same as above, 6 tine	Grizzly	steel "D"	32¾"	10¼ x 13"
G0613L	Same as above, 6 tine	Grizzly	straight	48"	10¼ x 13"

*GRADE: Please see the legend on page D4 for a description of Garant's grade classification system.

L410D

G031248

G0413D

G0413L

G0513D

G0513L

G0613D

G0613L

Wheelbarrows & Lawn Rollers

JACKSON NARROW TRAY WHEELBARROW WITH FLAT-FREE KNOBBY TIRE

•Jackson narrow tray wheelbarrow can fit through a standard doorway •Professional knobby flat-free tire •6 cu.ft. narrow steel tray •Steel handles with rollbarrow •Comfort grips •Channelled legs for strength.
Part No. M6SNTFFKB.

TRUE TEMPER CONTRACTOR WHEELBARROW

6 cu. ft. tray capacity. Heavy gauge seamless steel tray, front tray braces, H-brace, 16" wheel assembly. Approximate net volume 7.6 cu. ft.
Part No. C-6.

TRUE TEMPER CONTRACTOR WHEELBARROW

6 cu. ft. tray capacity. Corrosion proof poly tray with reinforcing ribs around tray curl for added strength, front tray braces, H-brace, 16" wheel assembly. Approximate net volume 9.5 cu. ft.
Part No. CP6.

HEAVY DUTY INDUSTRIAL WHEELBARROW

6 cu. ft. tray capacity. Rolled edge seamless steel tray, safety yellow baked enamel finish. Welded tray clips, funnel tray with easy pouring lip. Pneumatic 4-ply, 16" tire with inner tube, roller bearings with grease fitting. Oversize 3/4" steel axle. Heavy duty steel undercarriage with tray braces, stays and leg shoe pads. 64" oversize hardwood handles.
Part No. TIFS600.

LAWN ROLLER

18" diameter x 24" wide. Compacts lawn and soil. Holds up to 185 lbs. of water. Heavy gauge steel roller, electrically welded for leakproof operation. Sealed side plug. Tubular steel handle with scraper bar.
Part No. 24255.

FLEXOGEN® HOSE
The most durable hose available. 8 ply construction, over 500 PSI burst strength. Lightweight, coils and handles easily in all weather. Flow Guard Plus protective collar resists kinks at faucet. Heavy duty crush resistant, Full-Flo brass couplings with built in washer for tight sealing. Maximum kink resistance and a polished surface resists abrasions, stains, and mildew. 1/2" I.D.
Part No. 10-12025, 25 ft.
Part No. 10-12050, 50 ft.
Part No. 10-12075, 75 ft.
Part No. 10-12100, 100 ft.

GREENLAWN® REINFORCED VINYL HOSE
4 ply construction. Lightweight and flexible for easy handling. Full-Flo brass couplings for unrestricted water flow. Kink, weather and abrasion resistant. 1/2" I.D.
Part No. 15-12025, 25 ft.
Part No. 15-12050, 50 ft.
Part No. 15-12075, 75 ft.

THREE TUBE SPRINKLER/SOAKER HOSE
Consistent punches dispense gentle, uniform spray. White stripe indicates proper positioning. Full-Flo brass couplings for unrestricted water flow. Removable end cap for easy flushing.
Part No. 27141, 25 ft.
Part No. 27142, 50 ft.

FEMALE COUPLING
Nylon construction.
Part No. 01F, Fits all 5/8" to 3/4" I.D.
Part No. 05F, Fits all 7/16", 1/2", 9/16" I.D.

MALE COUPLING
Nylon construction.
Part No. 01M, Fits all 5/8" to 3/4" I.D.
Part No. 05M, Fits all 7/16", 1/2", 9/16" I.D.

HOSE MENDER
Nylon construction.
Part No. 01HM, Fits all 5/8" to 3/4" I.D.
Part No. 05HM, Fits all 7/16", 1/2", 9/16" I.D.

BRASS QUICK CONNECTORS
Part No. 09QCM-C, Male.
Part No. 09QCF-C, Female.

09QCM-C

09QCF-C

POLYMER MALE QUICK CONNECTOR
Attaches to nozzle or sprinkler for quick connection to hose, includes 2 male hose end adapters.
Part No. 29QCM.

POLYMER FEMALE HOSE END CONNECTOR
With built-in water shut-off valve.
Part No. 29QCF.

POLYMER MALE FAUCET CONNECTOR
Part No. 39QCM.

POLYMER MALE/FEMALE QUICK CONNECT SET
Coupler body and tip.
Part No. 39QC.

ZINC DIE-CAST DOUBLE SHUT-OFF "Y" CONNECTOR
Part No. 15.

ZINC DIE-CAST WATER SHUT-OFF VALVE
Part No. 05V-C.

GARDEN HOSE HANGER
Polymer hose hanger holds 200 ft. of 1/2" hose or 150 ft. of 5/8" hose. With handy accessory rack.
Part No. 8015.

HEAVY DUTY NOZZLES
Heavy duty zinc die-cast pistol grip nozzles. With or without insulated grip.
Part No. 573-C, Without insulated grip.
Part No. 571-C, With insulated grip.

573-C

571-C

COMFORT GRIP NOZZLE
With threaded front for attaching accessories.
Part No. 593.

DELUXE FAN SPRAYER
With shut-off nozzle and nylon spike.
Part No. 304.

MECHANICAL WATER TIMER
Measures gallons or approximate minutes. Automatic shut-off at any point up to 1400 gallons or 4½ hours. Includes manual on/off settings. Attaches to faucet, hose, or sprinkler. Minimum flow rate is 2 gpm and works with water pressure ranging from 15 psi to 120 psi.
Part No. 9200.

PATTERN MASTER® OSCILLATING SPRINKLER
Adjustable coverage 248 to 4000 square feet.
Part No. 8800.

Lawn & Garden Products

OSCILLATING SPRINKLER
Water coverage up to 3600 sq. ft.
Part No. 8836.

METAL OSCILLATING SPRINKLER
Water coverage up to 3200 sq. ft.
Part No. 9832.

PULSATING SPRINKLER HEAD
Polymer or metal sprinkler head on zinc spike — water coverage up to 86 ft. diameter.
Part No. 993ZS, Polymer.
Part No. 967S, Metal.

993ZS

967S

Gilmour GARDENING INNOVATION

Spray Doc Tank Type Sprayers & Parts

1/3 GALLON SPRAYER
Pressurized hand sprayer, 1/3 gallon, polyethylene tank.
Part No. 050P.

"PREMIUM" SERIES TANK SPRAYERS
Ideal for applying herbicides, insecticides, or other chemicals around homes, lawns, gardens, and orchards. Premium tanks have more actual capacity than most comparable tanks. Can also be used to strip wallpaper or apply deck stains and wood preservatives. Polyethylene tanks.
Part No. 1000P, 1 gallon.
Part No. 2000P, 2 gallon.
Part No. 3000P, 3 gallon.

"PROFESSIONAL" SERIES TANK SPRAYERS
Maximum chemical resistance for performance. Chemical resistant leak proof Viton seals. 42" polyethylene-lined hose is reinforced to withstand most chemicals. Can handle jobs from solvents and degreasers to lubricants and cleaners. They can be used for concrete form release compounds, air conditioning coil cleaners as well as spot spraying with fabric stain removers.
Part No. 100HDPI, 1 gallon.
Part No. 300HDPI, 3 gallon.

SPRAYER PARTS FOR ALL SPRAY DOC SPRAYERS
Part No. R10C, Brass nozzle replacement spray tip and o-ring.
Part No. R11C, Pump repair kit.
Part No. R14C, Replacement brass wand.
Part No. R15C, Replacement polymer wand.
Part No. R16C, Polymer nozzle replacement spray tip and o-ring.
Part No. R17C, Brass fan spray tip.
Part No. R30C, Complete maintenance kit.
Part No. R51C, Hose and screw clamps.
Part No. R58C, Replacement trigger valve.
Part No. R66C, Pressure relief valve repair kit.
Part No. RPA-10, Service parts display - contains 10 each of #R10C, R11C, R16C, R17C, R30C, R66C; 5 each of #R14C, R15C, R51C, R58C.

SPRAY-DOC Gilmour GARDENING INNOVATION

WATER GARDEN PUMP

Submersible construction style water garden pump. This unit delivers up to 475 gph — featuring a corrosion resistant plastic housing which uses a snap-off inlet screen. 3/8" NPT male outlet accepts 5/8" ID flex tubing. Unit comes complete with 15 ft. power cord and 1/2" NPT adapter for use with fountain nozzles. This pump is UL and CSA approved. Maximum head height: 13.4 ft.
Part No. PE-2.5F-PW.

GENERAL PURPOSE IN-LINE PUMPS

In-line non-submersible pump for general purpose application. This unit has a 6 ft. power cord and features polypropylene head, Buna N impeller and stainless steel shaft. Pump is ported with a 3/4" garden hose thread inlet and a 3/8" NPT female outlet. This 115V powered unit is UL and CSA approved — has a duty cycle of 15 minutes on and 45 minutes off. Delivers 275 GPH @ 1 ft. *WARNING: Do not run pump dry or at pumping heads greater than 35 ft.*
Part No. PPS-1.

Same pump as above unit except has 12V motor and 6 ft. battery cables. This pump will add portability to your pumping needs. Delivers 225 GPH @ 1 ft.
Part No. PPS-12.

PARTS WASHER PUMPS

This pump is the true replacement pump for your parts washers. Features an epoxy encapsulated centrifugal pump which is designed to be used for submerged parts washer applications only. This pump has a viton seal and nylon head, cast aluminum and polyester house. Unit also features inlet suction screen and 1/4" male NPT discharge. Comes complete with 6 ft. power cord and 3/8" conduit fitting. CSA certified. Delivers 170 GPH @ 1 ft. Maximum head height: 7 ft.
Part No. 1-EA-YS.

GENERAL PURPOSE SUBMERSIBLE/NON-SUBMERSIBLE PUMP

The NK-2 is designed for submersible applications only for the transfer of mild acid, alkali, and hard water. Built from a corrosion resistant nylon housing and having a viton seal makes this unit a tough little workhorse. Unit comes with 6 ft. power cord and has 1/4" NPT male discharge port and is thermally protected. Delivers 325 GPH @ 1 ft. Maximum head height: 12.3 ft.
Part No. NK-2.

GENERAL PURPOSE SUBMERSIBLE/NON-SUBMERSIBLE PUMP

This dual-purpose pump can be used for both submersible and non-submersible applications. Certified by both UL and CSA for water use only. Pump comes complete with 10 ft. power cord and has both 1/2" male NPT and 1/4" female NPT threads on the intake and 1/4" male NPT thread on the discharge port. Delivers 170 GPH @ 1 ft. Maximum head height: 7 ft.
Part No. 1-EA-42.

SUBMERSIBLE SUMP PUMP

This submersible utility pump is designed for a multitude of uses. Made with an aluminum motor housing for rapid heat dissipation and having a viton seal and a pump unit which is internally lubricated and thermally protected. This unit features a snap-off screen for easy cleaning. Removes water to within 1/8" of surface for maximum pickup. Complete with 1" female NPT discharge port and garden hose adapter. This unit is excellent for use to recirculate machine tool coolants, recirculate water in evaporative coolers, power waterfalls and fountains, de-water flat roofs, and drain flooded rooms. Supplied with 15 ft. power cord and is certified by UL and CSA. Motor: 1/6 HP shaded pole. Delivers 1200 GPH @ 1 ft. Maximum head height: 26.3 ft.
Part No. 5-MSPR-WG.

"SNAPPY JOHN" AUTOMATIC SUMP PUMP

This unit features internally lubricated and thermally protected motor, screened inlet and zinc motor housing. Pump is able to pump water containing solids up to 3/8" in diameter. Unit also features a built-in snap-action float switch for automatic operation with "on" levels from 7" - 10" of water and "off" level from 2" - 5" of water. Has 1-1/4" female NPT outlet and is also supplied with garden hose adapter and a 10 ft. power cord. Unit is certified by both UL and CSA. Delivers 35 GPM @ 5 ft. Maximum head height: 25 ft.
Part No. 5.5-ASP.

AUTOMATIC SUMP PUMP

For extended or continuous use in moving large volumes of water, the Little Giant automatic sump pumps provide efficient trouble free service. Pressure activated "on-off" switch engages in 7" - 10" of water and disengages in 1" - 4" of water. This unit features 1/3 hp motor with sleeve bearings and mercury float switch, screened intake and 10 ft. power cord. Unit is UL listed and CSA approved. Excellent for use in excavation, crawl space, basement, construction site, cooling tower, fire clean-up and other applications requiring high water volume dispersal. Delivers 45 GPM @ 5 ft. Maximum head height: 18 ft.
Part No. 6-CIA-RFS.

Little Giant®
"Your Solution Innovator"®

SUBMERSIBLE/EFFLUENT PUMP

This pump unit is a submersible/effluent pump which is designed to handle liquids and solid waste materials up to 1/2" in diameter. Utilizing a 1/3 hp motor and having a 1½" female NPT discharge makes this manual series sump pump the ideal choice for continuous duty performance. Unit comes complete with 25 ft. power cord and is UL listed and CSA certified. Delivers 50 GPM @ 5 ft.
Part No. 6E-CIM.

PUMP ACCESSORIES

Adapter to connect garden hose to pump outlet. 1/4" FNPT x 3/4" GHT.
Part No. GH-1/4.

Switch for converting any 5-MSP pump from manual to automatic operation. Operates on 115V, 10 amp. "On" at 6" - 9" water level, "off" at 1" - 4" water level. UL and CSA certified.
Part No. RS-5.

LOUISVILLE LADDERS
Fibreglass Ladders

All Louisville Ladder products have been designed and built to meet or exceed the application standards and requirements of the American National Standards Institute (ANSI), Occupational Safety and Health Administration (OSHA), and Canadian Standards Association (CSA).

Da Boot™ - Polypropylene copolymer upper boot provides strength, durability and fibreglass rail surface protection. Thick non-marring thermoplastic elastomer tread is bonded and mechanically fastened to the upper boot and provides a slip resistant footing.

MEETS OSHA REQUIREMENTS

INDUSTRIAL FIBREGLASS BRUTE 375 STEP LADDER
TYPE IAA, 375 LB. RATED, EXTRA HEAVY DUTY

Features: •Da Boot™ •Molded top with handymans's tool slots •Full channel fibreglass rail •Inside spreader braces •Heavy double gusset bracing on each step and angle back braces •Wide back braces •Rivet step construction with gussets •Orange

PART NO.	SIZE (FT.)	APPROX. WEIGHT (LBS.)
FS1403HD	3	13
FS1404HD	4	13
FS1406HD	6	20
FS1408HD	8	27
FS1410HD	10	34
FS1412HD	12	47

INDUSTRIAL FIBREGLASS STEP LADDER
TYPE IA, 300 LB. RATED, EXTRA HEAVY DUTY

Features: •Da Boot™ •Molded top with handymans's tool slots •Full channel fibreglass rail •Inside spreader braces •Wide back braces •Double-rivet step construction •Orange

PART NO.	SIZE (FT.)	APPROX. WEIGHT (LBS.)
FS1504	4	13
FS1505	5	17
FS1506	6	20
FS1508	8	27
FS1510	10	34
FS1512	12	47

INDUSTRIAL FIBREGLASS STEP LADDER
TYPE I, 250 LB. RATED, HEAVY DUTY

Features: •Molded top with handyman's tool slots •Pinch resistant spreader braces •Slip resistant rubber feet •Double-rivet step construction •Yellow

PART NO.	SIZE (FT.)	APPROX. WEIGHT (LBS.)
FS2004	4	11
FS2006	6	16
FS2008	8	22

INDUSTRIAL FIBREGLASS BRUTE 375 TWIN FRONT LADDER
TYPE IAA, 375 LB. RATED, EXTRA HEAVY DUTY

Both sides of the twin front ladder can be used simultaneously by one person per side. Features: •Da Boot™ •Inside spreader braces •Heavy double gusset bracing •Riveted step construction with gussets •Spreader brace reinforcement plates •Full channel fibreglass rail •Orange

PART NO.	SIZE (FT.)	APPROX. WEIGHT (LBS.)
FM1406HD	6	29
FM1408HD	8	38

INDUSTRIAL FIBREGLASS BRUTE 375 PLATFORM LADDER
TYPE IAA, 375 LB. RATED, EXTRA HEAVY DUTY

Fibreglass platform ladder designed for prolonged standing at one height. Features: •Da Boot™ •Top rail guard •Slip resistant platform •Riveted step construction with gussets •Orange (Size measured to platform)

PART NO.	SIZE (FT.) TO PLATFORM	APPROX. WEIGHT (LBS.)
FP1404HD	4	24
FP1406HD	6	30
FP1408HD	8	39

INDUSTRIAL FIBREGLASS PLATE CONNECT EXTENSION LADDER
TYPE IA, 300 LB. RATED, EXTRA HEAVY DUTY

Features: •D-shaped rungs •Outside slide guides •Mar-resistant rail end caps •Full Metal Boot™ •QuickLatch® •Aluminum plate connection rungs* •Orange

Single Ladders

*Aluminum plate connection rungs are hydraulically double crimped to aluminum plate. Each plate is fastened to side rails with four solid aluminum rivets.

PART NO.	TOTAL LENGTH (FT.)	APPROX. WEIGHT (LBS.)
FE7108	8	18
FE7110	10	23
FE7112	12	27
FE7114	14	31
FE7116	16	37
FE7118	18	53
FE7120	20	59

Two Section Extension Ladders

PART NO.	LENGTH EACH SECTION FT.	MAX. EXT. LENGTH (FT.)	TOTAL LENGTH (FT.)	APPROX. WEIGHT (LBS.)
FE7216*	8	13	16	34
FE7220	10	17	20	44
FE7224	12	21	24	53
FE7228	14	25	28	61
FE7232	16	29	32	72
FE7236	18	32	36	108
FE7240	20	35	40	117

*Does not include rope and pulley.

LOUISVILLE LADDERS
Fibreglass Ladders

INDUSTRIAL FIBREGLASS EXTENSION LADDER
TYPE IA, 300 LB. RATED, EXTRA HEAVY DUTY

Features: •D-shaped rungs •Outside slide guides •Mar-resistant rail end caps •Swivel safety shoes •QuickLatch® •D-shaped rungs •Orange

Two Section Extension Ladders

PART NO.	LENGTH EACH SECTION FT.	MAX. EXT. LENGTH (FT.)	TOTAL LENGTH (FT.)	APPROX. WEIGHT (LBS.)
FE3216*	8	13	16	35
FE3220	10	17	20	43
FE3224	12	21	24	50
FE3228	14	25	28	57
FE3232	16	29	32	68

*Does not include rope and pulley.

INDUSTRIAL FIBREGLASS EXTENSION LADDER
TYPE I, 250 LB. RATED, HEAVY DUTY

Features: •D-shaped rungs •Outside slide guides •Mar-resistant rail end caps •Swivel safety shoes •QuickLatch® •D-shaped rungs •Yellow

Two Section Extension Ladders

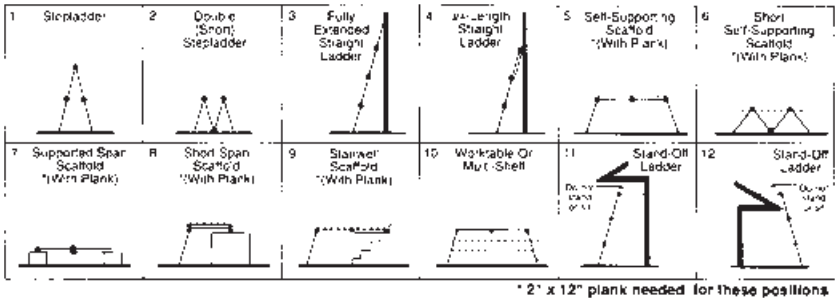
PART NO.	LENGTH EACH SECTION FT.	MAX. EXT. LENGTH (FT.)	TOTAL LENGTH (FT.)	APPROX. WEIGHT (LBS.)
FE1716*	8	13	16	32
FE1720	10	17	20	39
FE1724	12	21	24	46
FE1728	14	25	28	53

*Does not include rope and pulley.

Articulated Ladders- Fibreglass/Aluminum

THE ULTIMATE™ ARTICULATED LADDER - TYPE IA, 300 LB. RATED, EXTRA HEAVY DUTY

Features: •EasyHinge™ - durable, zinc plated steel hinge that features a positive acting lever for smooth and consistent locking and unlocking of the ladder sections, allowing the EasyHinge™ to be positioned at 180, 105 and 40 degree angles. •Comfort - the wide 14" to 23" spacing between the side rails allows a comfortable working space. •Built in Stabilizer - The unique flared end design provides a 23" wide base for support. Fibreglass model has a stabilizer bar.



FIBREGLASS

PART NO.	EXTENDED HEIGHT	STEP LADDER HEIGHT	SCAFFOLD HEIGHT	APPROX. WEIGHT (LBS.)
L3092-13	13'	6'5"	40"	35
L3092-15	15'	7'5"	52"	37

ALUMINUM

PART NO.	EXTENDED HEIGHT	STEP LADDER HEIGHT	SCAFFOLD HEIGHT	APPROX. WEIGHT (LBS.)
L2092-13	13'	6'5"	40"	36
L2091-17	17'	8'5"	52"	43

Multi-Purpose Ladders

4 DIFFERENT LADDER TYPES IN 1 — TYPE IA, 300 LBS. DUTY RATING

Features: •Straight or extension •Twin step ladder •Stairway •Plank support •Reliable, quick activating snap lock hinges permit easy, one man set-up •Provides stability and versatility for the most demanding jobs. •Easy to use heavy duty locking pins provide secure assembly of ladder sections regardless of configuration

step ladder

stairway

extension

PART NO.	SIZE (FT.)	ADJUSTABLE STEP LADDER (FT.)	STAIRWAY (FT.)	SCAFFOLDING (FT.)	EXTENSION (FT.)
L-2094-13	13	3 - 5	3 - 5	1 - 2	7 - 11
L-2094-17	17	4 - 7	4 - 7	1 - 4	9 - 15
L-2094-22	22	5 - 7	5 - 7	1 - 5	11 - 19

scaffolding

Aluminum Ladders

INDUSTRIAL ALUMINUM STEP LADDER
TYPE IA, 300 LB. RATED, EXTRA HEAVY DUTY

Features: •Slip resistant rubber feet •Heavy gusset bracing •Double rivet step construction •Molded top with recessed tray •Inside spreader braces •All units come with a molded pail shelf, except AS1014 and AS1016.

PART NO.	SIZE (FT.)	APPROX. WEIGHT (LBS.)
AS1003-S51	3	10
AS1004-S51	4	12
AS1006-S51	6	20
AS1008-S51	8	26
AS1010-S51	10	33
AS1012-S51	12	41
AS1014	14	64
AS1016	16	72

INDUSTRIAL ALUMINUM TWIN FRONT LADDER
TYPE IA, 300 LB. RATED, EXTRA HEAVY DUTY

Both sides of the twin front ladder can be used simultaneously by one person per side. Features: •Heavy gauge steel hinges •Spreader brace reinforcement plates •Slip resistant rubber feet •Double-rivet step construction •Full channel rail

PART NO.	SIZE (FT.)	APPROX. WEIGHT (LBS.)
AM1006	6	24
AM1008	8	32

INDUSTRIAL ALUMINUM STEP LADDER
TYPE IA, 300 LB. RATED, EXTRA HEAVY DUTY

Features: •Molded top with recessed tray •Center-pull spreader braces (3 thru 6 ft. only) •Heavy duty side rails are full channel extrusions on the front and modified channel on back legs •Slip resistant rubber feet •Molded pail shelf

PART NO.	SIZE (FT.)	APPROX. WEIGHT (LBS.)
AS3003	3	10
AS3004	4	11
AS3006	6	15
AS3008	8	21
AS3010	10	29

ALUMINUM LADDER
TYPE II, 225 LB. RATED, MEDIUM DUTY

Step ladder for general purpose and commercial applications. Features: •Molded top with recessed tray• Pinch resistant spreader braces •Slip resistant rubber feet •Molded pail shelf

PART NO.	SIZE (FT.)	APPROX. WEIGHT (LBS.)
AS4003	3	10
AS4004	4	11
AS4006	6	15
AS4008	8	21

INDUSTRIAL ALUMINUM PLATFORM STEP LADDER
TYPE IA, 300 LB. RATED, EXTRA HEAVY DUTY

Platform ladder designed for prolonged standing at one height. Features: •Slip resistant platform •Top rail guard •Double-rivet step construction •Slip resistant rubber feet •Heavy gusset bracing •Full channel rail
(Size measured to platform)

PART NO.	SIZE (FT.)	APPROX. WEIGHT (LBS.)
AP1004	4	21
AP1006	6	28
AP1008	8	38
AP1010	10	45
AP1012	12	66

INDUSTRIAL ALUMINUM EXTENSION LADDER
TYPE IA, 300 LB. RATED, EXTRA HEAVY DUTY

Features: QuickLatch® •Swivel safety shoes •D-shaped rungs •Mar-resistant rail end caps •Full I-beam • Outside slides guides - two extra heavy duty outside slide guides secured to top of base section with four rivets per guide. One pair of interlocking inside trail guides at bottom of fly section.

Single Ladders

PART NO.	TOTAL LENGTH (FT.)	APPROX. WEIGHT (LBS.)
AE2108	8	14
AE2110	10	17
AE2112	12	20
AE2114	14	24
AE2116	16	31
AE2118	18	36
AE2120	20	40

Two Section Extension Ladders

PART NO.	LENGTH EACH SECTION FT.	MAX. EXT. LENGTH (FT.)	TOTAL LENGTH (FT.)	APPROX. WEIGHT (LBS.)
AE2216*	8	13	16	30
AE2220	10	17	20	37
AE2224	12	21	24	42
AE2228	14	25	28	55
AE2232	16	29	32	62
AE2236	18	32	36	74
AE2240	20	35	40	82

*Does not include rope and pulley.

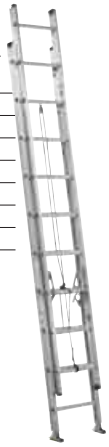
INDUSTRIAL ALUMINUM EXTENSION LADDERS TYPE I, 250 LB. RATED, HEAVY DUTY

Features: •QuickLatch® •Swivel safety shoes •D-shaped rungs •Mar-resistant blue end caps •Modified I-beam- side rails are full 3" extrusions shaped into a modified I-beam for strength and light weight. Interlocking rails keep fly and base sections from coming apart.

Two Section Extension Ladders

PART NO.	LENGTH EACH SECTION FT.	MAX. EXT. LENGTH (FT.)	TOTAL LENGTH (FT.)	APPROX. WEIGHT (LBS.)
AE3216*	8	13	16	25
AE3220	10	17	20	30
AE3224	12	21	24	35
AE3228	14	25	28	50
AE3232	16	29	32	57
AE3236	18	32	36	71
AE3240	20	35	40	78

*Does not include rope and pulley.



ALUMINUM COMMERCIAL EXTENSION LADDERS - TYPE II, 225 LB. RATED, MEDIUM DUTY

Commercial grade extension ladder for general purpose and light industrial use. Features: QuickLatch® •Swivel safety shoes •D-shaped rungs •Modified I-beam- side rails are full 3" extrusions shaped into a modified I-beam for strength and light weight. Interlocking rails keep fly and base sections from coming apart.

Single Ladders

PART NO.	SIZE (FT.)	APPROX. WEIGHT (LBS.)
AE4108	8	12
AE4110	10	14
AE4112	12	17
AE4114	14	23
AE4116	16	27
AE4118	18	33
AE4120	20	37

Two Section Extension Ladders

PART NO.	LENGTH EACH SECTION FT.	MAX. EXT. LENGTH (FT.)	TOTAL LENGTH (FT.)	APPROX. WEIGHT (LBS.)
AE4216*	8	13	16	24
AE4220	10	17	20	29
AE4224	12	21	24	34
AE4228	14	25	28	47
AE4232	16	29	32	53
AE4236	18	32	36	65
AE4240	20	35	40	72

*Does not include rope and pulley.

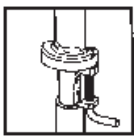
Miscellaneous Ladder Products & Parts

MINI FORTRUSS® MOBILE WORK STAND

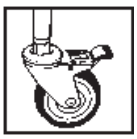
The Mini-Fortruss from Louisville Ladders is a new concept in mobile work stands. It is a compact, easily portable, mobile work stand that allows a variety of working heights for in-plant and on-site use. Provides a stable 17" x 43" work surface, along with 500 lbs. distributed load work capacity. Exclusive non-pinching stops limit rotation of end frame to 90°.

PART NO.	CASTERS	WEIGHT	OVERALL LENGTH W/ CASTERS	OVERALL HEIGHT W/ CASTERS	OVERALL WIDTH	FOLDED UNIT WIDTH	PLANK WIDTH	PLANK LENGTH	PLANK HEIGHT ADJUSTABLE	LOAD RATING
SM1404A	4	60	47½"	50¾"	22½"	6¼"	8.5 (2)	46-5/16"	12", 24",	500 lbs.
							17 overall		36", 48"	

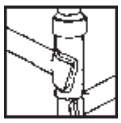
Centre Locking Hinge
Employs a spring loaded locking pin, which automatically locks centre hinge tubes in place.



Two-Way Casters
Four positive locking, ball bearing casters provide a stable base. Non-marring casters have a quick release feature and are lock-threaded into steel inserts in the scaffold's legs to reduce unit wobble.



Exclusive Steel Wrap Weld Connection
Increases strength and durability.



Premium Powder Paint
Baked on finish is durable and provides superior scratch and scuff resistance. Attractive, even coverage with no drips or runs.

Storage
Folds easily for storage and transport.

Miscellaneous Ladder Products & Parts

FORTRUSS® STEEL ROLLING TOWER SCAFFOLDS

Patented features and sturdy steel construction are combined in a single unit with strength, stability, and ease of use unsurpassed in the industry. "Wobble" associated with most rolling scaffolds has been dramatically reduced by its unique design. Easy single man assembly and adjustment.

PART NO.	SIZE H x L	END FRAMES	TRUSS ASSEMBLY	PLYWOOD PLATFORM	CASTERS	OUTRIGGER KIT	GUARDRAIL & TOE BOARD KIT	WEIGHT
SS0606	6 ft. x 6 ft.	(2) 6 ft.	(2) 6 ft.	(1) 6 ft.	4	-	-	154
SS1206	12 ft. x 6 ft.	(4) 6 ft.	(4) 6 ft.	(2) 6 ft.	8	(1)	(1)	418
SS1506	15 ft. x 6 ft.	(4) 6 ft. (2) 3 ft.	(6) 6 ft.	(3) 6 ft.	8	(1)	(1)	530

Replacement Casters

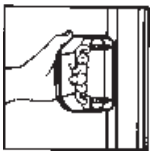
Part No. 928002, 5" replacement caster w/ hardware.

SS0606

SS1506

Exclusive Dual-Pin Adjustment Mechanism

Pistol grip allows quick and easy one-man adjustment of platform height. Double the shear strength of a single pin design unit.

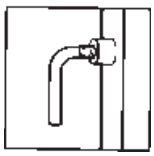


Exclusive Caster Stem

Increases the stability of the unit. Snaps into unit frame during assembly, eliminating nuisance drop-out of other casters.

Tightening "L" Knob

Reduces wobble of unit when in use.

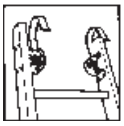


Premium Powder Paint

Baked on finish is durable and provides superior scratch and scuff resistance. Attractive, even coverage with no drips or runs.

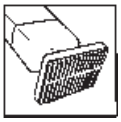
FOR WOOD LADDERS

•Cable Hooks - Heavy duty aluminum swivel locking cable hook assembly. Spring loaded hooks for easy adjustment to the use or storage position.
Part No. 098003R - pair.



•Rubber Top Caps - Slip-on rubber top bumpers virtually eliminate marring of metal or plastic surfaces.
Part No. 601015 - pair.

•Rubber Shoes - Slip-on rubber extensions shoes with heavy corrugated bottom tread.
Part No. 601016 - each.

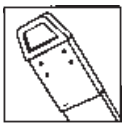


FOR FIBREGLASS & ALUMINUM STEPLADDERS

•Molded Pail Shelf - Self closing, structural molded pail shelf available as field mount option. Stronger and more durable than aluminum pail shelves. Non-skid surface and outer retaining edge.
Part No. LP2400-00 - each.

FOR FIBREGLASS LADDERS ONLY

•Non-Marring Top Caps - Rubber top bumpers designed for channel fibreglass ladders up to 32 ft. Virtually eliminates marring of metal or plastic surfaces.
Part No. 605000A - pair.

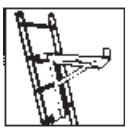


FOR FIBREGLASS & ALUMINUM LADDERS

•Cable Hooks - Heavy duty aluminum swivel locking cable hook assembly. Spring loaded hooks for easy adjustment to the use or storage position.
Part No. 098003R - pair.

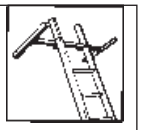
•Web Pole Grip - Made of flexible high strength dacron webbing with a 5" section of corrugated rubber tread. Helps to hold top of ladder against poles, pipes, or corners. Red.
Part No. PK-E05R - each.

•Aluminum Ladder Jacks - Holds stages and planks up to 20" wide, features six pitch adjustments
Part No. LP-2100-L, Long body span 2 extension ladder rungs - pair.
Part No. LP-2100-S, Short body span 3 extension ladder rungs - pair.

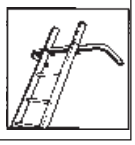


LADDER STAND-OFF/STABILIZER

•Adjustable Stand-Off - Aluminum bracket with vertical adjustments from 13" to 25". 48" span works equally well with single and extension ladders.
Part No. LP2210-00 - each



•Fixed Distance Stand-Off - Aluminum bracket with rubber tips for holding ladder 12" out from wall. 48" span attaches with two U-bolts. For use on single and extension ladders.
Part No. LP2200-00 - each



MISCELLANEOUS

Runglock Replacement Kit - pair

PART NO.	MODEL SERIES	MODEL SIZE
PK100C	FE7200	All
PK100C	FE3200	All
PK100C	FE1700	All
PK100D	AE4200	All
PK100D	AE2200	All

Rope & Pulley Kit

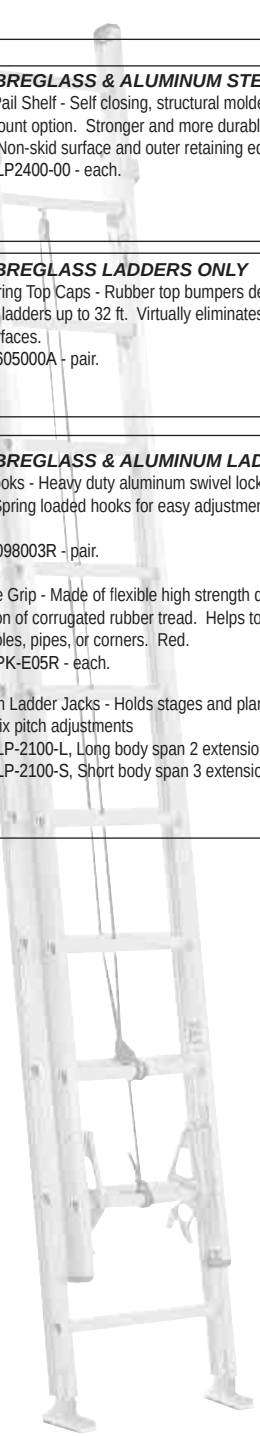
Round or "D" rung 16-40 ft. ladders.
Part No. PK120A - each

Swivel Safety Shoe Kits (Fibreglass, Aluminum, and Wood) - pair

PART NO.	MODEL SERIES	MODEL SIZE
PK110A	AE2100	All
PK110A	AE2200	All
PK110A	FE7100	8 ft. - 16 ft.
PK110A	FE7200	16 ft. - 32 ft.
PK110E	All Wood Extensions	All
PK110B	FE7100	18 ft. and 20 ft.
PK110B	FE7200	36 ft. - 40 ft.
PK110D	AE3200	All
PK110D	AE4100	All
PK110D	AE4200	All
PK110D	FE3200	All
PK110D	FE1700	All

Step Ladder Shoe Kits (Fibreglass and Aluminum) - set of four

PART NO.	MODEL SERIES	MODEL SIZE
PK130A	AP1000	3 ft. - 10 ft.
PK130A	AS1000	3 ft. - 12 ft.
PK130A	FP1400	All
PK130A	FS1400	All
PK130B	FM1400	All
PK130C	AP1000	12 ft. - 16 ft.
PK130C	AS1000	14 ft. - 20 ft.
PK130E	FS2000	All
PK130F	AS3000	All
PK130F	AS4000	All



PROCORE

Security/Portable Lighting

PROCORE

QUARTZ HALOGEN FLOODLIGHTS

Quartz halogen floodlights with die cast metal construction and mounting stem for wall, soffit, junction box, or eave mounting. Bulb included.
Part No. 22-3001, 150 Watt.
Part No. 22-3003, 300 Watt.
Part No. 22-3005, 500 Watt.

22-3001

22-3003

22-3005

QUARTZ HALOGEN WORKLIGHTS

Durable steel support stand. On/off switch and 6 ft. power cord. Bulb included.
Part No. 22-3011, 150 Watt.
Part No. 22-3015, 500 Watt.

PORTABLE HALOGEN WORKLIGHT w/ CLAMP

Quartz halogen worklight with durable pivoting clamp and swivel hook, steel stand, on/off switch, and 12 ft. power cord. Bulb included.
Part No. 22-3021, 150 Watt.

QUARTZ HALOGEN WORKLIGHT

Easy-to-grip S-handle. Convenient ON/OFF switch. Durable steel support stand. 6 foot power cord. Bulb included.
Part No. 22-3035, 500 Watt.

QUARTZ HALOGEN WORKLIGHT w/ STAND

Telescoping tripod stand. Twist-lock grips for easy height adjustment. Rotating U-bracket for aiming. Convenient ON/OFF switch and 12 ft. power cord. Bulb included.
Part No. 22-3041, 500 Watt.

QUARTZ HALOGEN WORKLIGHT w/ STAND

1000 watts, from twin 500 watt bulbs. Telescoping tripod stand. Twist-lock grips for easy height adjustment. Convenient individual ON/OFF switches and 12 ft. power cord. Bulbs included.
Part No. 22-3045, 1000 Watt.

REPLACEMENT BULBS/GLASS

Part No. 22-3091, 150 Watt Quartz Halogen Bulb.
Part No. 22-3093, 300 Watt Quartz Halogen Bulb.
Part No. 22-3095, 500 Watt Quartz Halogen Bulb.
Part No. 22-3081, Replacement tempered glass for #22-3001.
Part No. 22-3082, Replacement tempered glass for #22-3003.
Part No. 22-3083, Replacement tempered glass for #22-3005.
Part No. 22-3086, Replacement tempered glass for #22-3011/22-3021.
Part No. 22-3088, Replacement tempered glass for #22-3015/22-3035/22-3041/22-3045.

BAYCO

Halogen Work Lights

35w HALOGEN CLAMP WORK LIGHT

•Hand held 35w halogen light •Adjustable head directs light to where it's needed •35w bi-pin halogen bulb with spare bulb included •Convenient hang hook and heavy duty clamp for hands free operation •Comfortable foam grip handle •Rocker on/off switch
Part No. SL-1000, 18/3 gauge cord, 1 ft. cord length.

STANDARD 500w HALOGEN PROJECT WORK LIGHT

•Tempered glass lens w/metal safety grill •Foam grip "S" type handle •500w halogen bulb with spare bulb included •Durable powder coat finish
Part No. SL-1002, 18/3 gauge cord, 3 ft. cord length.

BAYCO
Life Depends on Light™

PROFESSIONAL 500w HALOGEN WORK LIGHT

•500w halogen bulb with spare bulb included •Closed "V" handle for non slip grip •30% larger housing for durability and wider base for tip-over stability •Weatherproof on/off switch •Tempered glass lens w/metal safety grill •Durable powder coat finish •Spare bulb in protective bulb holder
Part No. SL-1003, 18/3 gauge cord, 5 ft. cord length.

PROFESSIONAL 600w HALOGEN PROJECT WORK LIGHT

•Includes 2 x 300w halogen bulbs plus spare bulb •Dual switch provides 2 light levels - 300w & 600w of halogen light •30% larger housing for durability and wider base for tip-over stability •Tempered glass lens w/metal safety grill •Durable powder coat finish

Part No. SL-1032, 18/3 gauge cord, 6 ft. cord length.

PROFESSIONAL HEAVY DUTY 750w HALOGEN PROJECT WORK LIGHT

•Includes 500w & 250w halogen bulbs •Dual switch provides 3 light levels - 250w-500w-750w of halogen light •Largest housing for maximum durability and wider base for tip-over stability •Tempered glass lens w/metal safety grill •Durable powder coat finish

Part No. SL-1042, 16/3 gauge cord, 6 ft. cord length.

STANDARD 500w SINGLE HEAD CONVERTIBLE TRIPOD MINI TOWER HALOGEN WORK LIGHT

•40" mini telescoping convertible tripod •Includes 500w halogen bulb •Removable light rack easily converts into a portable fixture •Tempered glass lens w/metal safety grill

Part No. SL-1022, 18/3 gauge cord, 6 ft. cord length.

STANDARD 500w TWIN HEAD CONVERTIBLE TRIPOD MINI TOWER HALOGEN WORK LIGHT IN MOLDED CASE

•40" mini telescoping convertible tripod •2 x 250w halogen bulbs •Separate dimmer switches provide 4 light levels -125w-250w-375w-500w of halogen light •Removable light rack easily converts into a portable fixture •Tempered glass lens w/metal safety grill •Includes convenient molded storage case

Part No. SL-2250C, 18/3 gauge cord, 6 ft. cord length.

STANDARD 1000w TWIN HEAD CONVERTIBLE TRIPOD TOWER HALOGEN WORK LIGHT

•Approx 6 ft. telescoping tripod w/adjustable leg for leveling on uneven surfaces •2 x 500w halogen bulbs with spare bulb in protective bulb holder •Removable light rack easily converts into a portable fixture •Separate switches provide 2 light levels - 500w & 1000w of halogen light •Tempered glass lens w/metal safety grill •Durable powder coat finish

Part No. SL-1005, 18/3 gauge cord, 6 ft. cord length.

PROFESSIONAL 1000w TWIN HEAD CONVERTIBLE TRIPOD TOWER HALOGEN WORK LIGHT

•8 ft. telescoping tripod w/adjustable leg for leveling on uneven surfaces •2 x 500w halogen bulbs with spare included •Separate switches provide 2 light levels - 500w & 1000w of halogen light •Tempered glass lens w/metal safety grill •Removable light rack easily converts into a portable fixture •Spare bulb in protective bulb holder •Extra wide tubing •Unique stabilizing head bracket

Part No. SL-1006, 18/3 gauge cord, 6 ft. cord length.

PROFESSIONAL 1200w TWIN HEAD CONVERTIBLE TRIPOD TOWER HALOGEN WORK LIGHT

•Approx 7 ft. telescoping tripod w/adjustable leg for leveling on uneven surfaces •4 x 300w halogen bulbs with spare bulb in protective bulb holder •Removable light rack easily converts into a portable fixture •Dual switches provide 4 light levels -300w -600w-900w-1200w of halogen light •Tempered glass lens w/metal safety grill •Durable powder coat finish

Part No. SL-1062, 18/3 gauge cord, 8 ft. cord length.

PROFESSIONAL HEAVY DUTY 1500w TWIN HEAD CONVERTIBLE TRIPOD TOWER HALOGEN WORK LIGHT

•Approx 8 ft. telescoping tripod w/adjustable leg for leveling on uneven surfaces •2 x 250w & 2 x 500w halogen bulbs with spare bulb in protective bulb holder •Removable light rack easily converts into a portable fixture •Dual switches provide 6 light levels -250w -500w-750w-1000w-1250w-1500w •Tempered glass lens w/metal safety grill •Durable powder coat finish

Part No. SL-1082, 16/3 gauge cord, 10 ft. cord length.

REPLACEMENT BULBS

Part No. SL-235, Halogen work light bulb for 35w halogen clamp work lights.

Part No. SL-209PDQ, Halogen work light bulb for 500w halogen work lights.

Part No. SL-225PDQ, Halogen work light bulbs twin pack for 250w halogen work lights.

Part No. SL-230PDQ, Halogen work light bulbs twin pack for 300w halogen work lights.

Part No. SL-217PDQ, Halogen work light bulbs twin pack for 500w halogen work lights.

BAYCO
Life Depends on Light™

DOCAP
Tire & Wheel Assemblies

TIRE & WHEEL ASSEMBLIES - PATTERNED
Part No. 642-509, 9"; 5/8" shaft size.
Part No. 642-510, 10"; 5/8" shaft size.
Part No. 642-511, 11"; 3/4" shaft size.
Part No. 642-512, 12"; 3/4" shaft size.

WHEEL BARROW WHEELS - STRAIGHT LINES
Part No. 642-514, 14"; 3/4" shaft size.
Part No. 642-516, 16"; 3/4" shaft size.

FAULTLESS
Industrial Casters & Wheels

SERIES 100-500 GENERAL DUTY CASTERS
Recommended for general warehouse and factory applications such as furniture dollies, laundry carts, bakery racks and tool boxes; a good combination of strength , durability and economy. "SB" denotes side brake: foot-operated friction brake positively locks wheels.

ORDER BY PART NO.	CODE NO.	WHEEL MATERIAL	LOAD RATING	CASTER TYPE
Wheel Diameter 2" - Tread Width 1"				
25028	108-2	Sintered Iron	150 lbs.	Swivel
90110	508-2	Sintered Iron	150 lbs.	Rigid
25082	121-2	Soft Rubber	90 lbs.	Swivel
25748	521-2	Soft Rubber	90 lbs.	Rigid
25086	121-2SB	Soft Rubber	90 lbs.	Swivel
25124	127-2	Hard Rubber	150 lbs.	Swivel
25783	527-2	Hard Rubber	150 lbs.	Rigid
25125	127-2SB	Hard Rubber	150 lbs.	Swivel
25190	160-2	Polypropylene	150 lbs.	Swivel
90135	560-2	Polypropylene	150 lbs.	Rigid
Wheel Diameter 2½" - Tread Width 1"				
90011	108-2-1/2	Sintered Iron	200 lbs.	Swivel
90111	508-2-1/2	Sintered Iron	200 lbs.	Rigid
Wheel Diameter 2½" - Tread Width 1-1/8"				
25083	121-2-1/2	Soft Rubber	100 lbs.	Swivel
25749	521-2-1/2	Soft Rubber	100 lbs.	Rigid
25160	121-2-1/2SB	Soft Rubber	100 lbs.	Swivel
25128	127-2-1/2	Hard Rubber	200 lbs.	Swivel
90126	527-2-1/2	Hard Rubber	200 lbs.	Rigid
90038	127-2-1/2SB	Hard Rubber	200 lbs.	Swivel
25188	160-2-1/2	Polypropylene	220 lbs.	Swivel
90136	560-2-1/2	Polypropylene	220 lbs.	Rigid

ORDER BY PART NO.	CODE NO.	WHEEL MATERIAL	LOAD RATING	CASTER TYPE
Wheel Diameter 3" - Tread Width 1-3/16"				
90012	108-3	Sintered Iron	300 lbs.	Swivel
90112	508-3	Sintered Iron	300 lbs.	Rigid
Wheel Diameter 3" - Tread Width 1¼"				
25091	121-3	Soft Rubber	175 lbs.	Swivel
25752	521-3	Soft Rubber	175 lbs.	Rigid
25095	121-3SB	Soft Rubber	175 lbs.	Swivel
25136	127-3	Hard Rubber	270 lbs.	Swivel
25787	527-3	Hard Rubber	270 lbs.	Rigid
25151	127-3SB	Hard Rubber	270 lbs.	Swivel
25189	160-3	Polypropylene	270 lbs.	Swivel
90138	560-3	Polypropylene	270 lbs.	Rigid
Wheel Diameter 4" - Tread Width 1-3/8"				
90013	108-4	Sintered Iron	450 lbs.	Swivel
90113	508-4	Sintered Iron	450 lbs.	Rigid
Wheel Diameter 4" - Tread Width 1-5/16"				
25098	121-4	Soft Rubber	225 lbs.	Swivel
25756	521-4	Soft Rubber	225 lbs.	Rigid
25096	121-4SB	Soft Rubber	225 lbs.	Swivel
25149	127-4	Hard Rubber	350 lbs.	Swivel
25790	527-4	Hard Rubber	350 lbs.	Rigid
90057	160-4	Polypropylene	350 lbs.	Swivel
90139	560-4	Polypropylene	350 lbs.	Rigid

SERIES EP-RP LIGHT DUTY CASTERS
Recommended for light assembly dollies and trucks, bakery racks, portable files, tool boxes, display racks and many other uses. "SB" denotes side brake: foot-operated friction brake positively locks wheels.

ORDER BY PART NO.	CODE NO.	WHEEL MATERIAL	LOAD RATING	CASTER TYPE
Wheel Diameter 3" - Tread Width 13/16"				
93244	EP4520	Soft Rubber	90 lbs.	Swivel
90260	RP4520	Soft Rubber	90 lbs.	Rigid
90211	EP4520SB	Soft Rubber	90 lbs.	Swivel
90230	EP6520	Polypropylene	110 lbs.	Swivel
90281	RP6520	Polypropylene	110 lbs.	Rigid
90238	EP6520SB	Polypropylene	110 lbs.	Swivel

ORDER BY PART NO.	CODE NO.	WHEEL MATERIAL	LOAD RATING	CASTER TYPE
Wheel Diameter 4" - Tread Width 15/16"				
90233	EP4521	Soft Rubber	115 lbs.	Swivel
90279	RP4521	Soft Rubber	115 lbs.	Rigid
90223	EP4521SB	Soft Rubber	115 lbs.	Swivel
90232	EP6521	Polypropylene	140 lbs.	Swivel
90282	RP6521	Polypropylene	140 lbs.	Rigid
90239	EP6521SB	Polypropylene	140 lbs.	Swivel
Wheel Diameter 5" - Tread Width 15/16"				
90225	EP4522	Soft Rubber	125 lbs.	Swivel
90280	RP4522	Soft Rubber	125 lbs.	Rigid
90226	EP4522SB	Soft Rubber	125 lbs.	Swivel
90235	EP6522	Polypropylene	150 lbs.	Swivel
90287	RP6522	Polypropylene	150 lbs.	Rigid

Please see page D24 for a description of caster and wheel types.

ORDER BY PART NO.	CODE NO.	WHEEL MATERIAL	LOAD RATING	CASTER TYPE
Wheel Diameter 2½" - Tread Width 1-1/8"				
90410	421-2-1/2	Soft Rubber	100 lbs.	Swivel
90610	7721-2-1/2	Soft Rubber	100 lbs.	Rigid
90411	421-2-1/2SB	Soft Rubber	100 lbs.	Swivel
90432	427-2-1/2	Hard Rubber	200 lbs.	Swivel
90625	7727-2-1/2	Hard Rubber	200 lbs.	Rigid
90431	427-2-1/2SB	Hard Rubber	200 lbs.	Swivel
90460	460-2-1/2	Polypropylene	220 lbs.	Swivel
90645	7760-2-1/2	Polypropylene	220 lbs.	Rigid
Wheel Diameter 3" - Tread Width 1¼"				
90888	421-3	Soft Rubber	175 lbs.	Swivel
90612	7721-3	Soft Rubber	175 lbs.	Rigid
90898	421-3SB	Soft Rubber	175 lbs.	Swivel
90899	427-3	Hard Rubber	270 lbs.	Swivel
90905	7727-3	Hard Rubber	270 lbs.	Rigid
90900	427-3SB	Hard Rubber	270 lbs.	Swivel
90884	460S-3	Polypropylene	270 lbs.	Swivel
90646	7760S-3	Polypropylene	270 lbs.	Rigid
Wheel Diameter 3½" - Tread Width 1-5/16"				
90889	421-3-1/2	Soft Rubber	200 lbs.	Swivel
90611	7721-3-1/2	Soft Rubber	200 lbs.	Rigid
90416	421-3-1/2RB	Soft Rubber	200 lbs.	Swivel
90438	427-3-1/2	Hard Rubber	275 lbs.	Swivel
90626	7727-3-1/2	Hard Rubber	275 lbs.	Rigid
90439	427-3-1/2SB	Hard Rubber	275 lbs.	Swivel
90400	460S-3-1/2	Polypropylene	275 lbs.	Swivel
90644	7760S-3-1/2	Polypropylene	275 lbs.	Rigid
Wheel Diameter 3½" - Tread Width 1-3/8"				
90473	493-3-1/2TG	Dyna-Tred TPR	180 lbs.	Swivel
90810	7793-3-1/2TG	Dyna-Tred TPR	180 lbs.	Rigid

SERIES 400-7700 LIGHT MEDIUM DUTY CASTERS

Recommended for tool boxes, bakery racks, dollies, stock trucks, hotel trucks, and other institutional uses requiring good mobility. "SB" denotes side brake: foot-operated friction brake positively locks wheels. "RB" denotes rollock brake: effective gripping action across the tread keeps wheel from rolling.

ORDER BY PART NO.	CODE NO.	WHEEL MATERIAL	LOAD RATING	CASTER TYPE
Wheel Diameter 4" - Tread Width 1¼"				
90867	421-4	Soft Rubber	200 lbs.	Swivel
91954	7721-4	Soft Rubber	200 lbs.	Rigid
90868	421-4RB	Soft Rubber	200 lbs.	Swivel
90516	427-4	Hard Rubber	275 lbs.	Swivel
90887	7727-4	Hard Rubber	275 lbs.	Rigid
90537	427-4SB	Hard Rubber	275 lbs.	Swivel
90463	460S-4	Polypropylene	275 lbs.	Swivel
90647	7760S-4	Polypropylene	275 lbs.	Rigid
Wheel Diameter 4" - Tread Width 1-3/8"				
90478	493-4TG	Dyna-Tred TPR	200 lbs.	Swivel
90811	7793-4TG	Dyna-Tred TPR	200 lbs.	Rigid
90479	493-4RBTG	Dyna-Tred TPR	200 lbs.	Swivel
Wheel Diameter 5" - Tread Width 1¼"				
90869	421-5	Soft Rubber	200 lbs.	Swivel
90886	7721-5	Soft Rubber	200 lbs.	Rigid
90881	421-5RB	Soft Rubber	200 lbs.	Swivel
90445	427-5	Hard Rubber	290 lbs.	Swivel
90629	7727-5	Hard Rubber	290 lbs.	Rigid
90446	427-5SB	Hard Rubber	290 lbs.	Swivel
Wheel Diameter 5" - Tread Width 1-3/8"				
90481	493-5TG	Dyna-Tred TPR	225 lbs.	Swivel
90812	7793-5TG	Dyna-Tred TPR	225 lbs.	Rigid

ORDER BY PART NO.	CODE NO.	WHEEL MATERIAL	LOAD RATING	CASTER TYPE
Wheel Diameter 4" - Tread Width 2"				
91004	1406-4	Semi-Steel	700 lbs.	Swivel
91502	3406-4	Semi-Steel	700 lbs.	Rigid
91040	1431-4	Phenolic	700 lbs.	Swivel
91530	3431-4	Phenolic	700 lbs.	Rigid
91048	1438-4	Mold -on Polyurethane	700 lbs.	Swivel
91519	3438-4	Mold -on Polyurethane	700 lbs.	Rigid
91107	1465W-4	RT	700 lbs.	Swivel
91578	3465W-4	RT	700 lbs.	Rigid
Wheel Diameter 5" - Tread Width 2"				
91008	1406-5	Semi-Steel	900 lbs.	Swivel
91504	3406-5	Semi-Steel	900 lbs.	Rigid
91043	1431-5	Phenolic	900 lbs.	Swivel
91531	3431-5	Phenolic	900 lbs.	Rigid
91052	1438-5	Mold -on Polyurethane	900 lbs.	Swivel
91540	3438-5	Mold -on Polyurethane	900 lbs.	Rigid
91094	1465W-5	RT	900 lbs.	Swivel
91568	3465W-5	RT	900 lbs.	Rigid
Wheel Diameter 6" - Tread Width 2"				
91009	1406-6	Semi-Steel	900 lbs.	Swivel
91505	3406-6	Semi-Steel	900 lbs.	Rigid
91045	1431-6	Phenolic	900 lbs.	Swivel
91532	3431-6	Phenolic	900 lbs.	Rigid
91055	1438-6	Mold -on Polyurethane	900 lbs.	Swivel
91541	3438-6	Mold -on Polyurethane	900 lbs.	Rigid

SERIES 1400-3400 MEDIUM HEAVY DUTY CASTERS

Recommended for most general medium heavy duty industrial applications such as platform trucks, wire shelving, and other warehouse trucks and carts for commercial use.

ORDER BY PART NO.	CODE NO.	WHEEL MATERIAL	LOAD RATING	CASTER TYPE
Wheel Diameter 6" - Tread Width 2"				
91124	1465W-6	RT	900 lbs.	Swivel
91571	3465W-6	RT	900 lbs.	Rigid
Wheel Diameter 8" - Tread Width 2"				
91015	1406-8	Semi-Steel	1050 lbs.	Swivel
91507	3406-8	Semi-Steel	1050 lbs.	Rigid
91050	1431-8	Phenolic	900 lbs.	Swivel
91533	3431-8	Phenolic	900 lbs.	Rigid
91060	1438-8	Mold -on Polyurethane	1000 lbs.	Swivel
91542	3438-8	Mold -on Polyurethane	1000 lbs.	Rigid
91125	1465W-8	RT	900 lbs.	Swivel
91572	3465W-8	RT	900 lbs.	Rigid

Please see page D24 for a description of caster and wheel types.

Industrial Casters & Wheels

SERIES H1400-H3400 HEAVY DUTY CASTERS

Recommended for heavy duty trucks, dollies, platform trucks, and a variety of equipment used in industry. Both upper and lower raceways are hardened to resist wear for added life.

ORDER BY PART NO.	CODE NO.	WHEEL MATERIAL	LOAD RATING	CASTER TYPE
Wheel Diameter 6" - Tread Width 2½"				
91252	H1406-6X2-1/2	Semi-Steel	1500 lbs.	Swivel
91653	H3406-6X2-1/2	Semi-Steel	1500 lbs.	Rigid
91272	H1431-6X2-1/2	Phenolic	1500 lbs.	Swivel
91671	H3431-6X2-1/2	Phenolic	1500 lbs.	Rigid
91283	H1438-6X2-1/2	Mold -on Polyurethane	1500 lbs.	Swivel
91681	H3438-6X2-1/2	Mold -on Polyurethane	1500 lbs.	Rigid
Wheel Diameter 8" - Tread Width 2½"				
91254	H1406-8X2-1/2	Semi-Steel	1500 lbs.	Swivel
91655	H3406-8X2-1/2	Semi-Steel	1500 lbs.	Rigid
91275	H1431-8X2-1/2	Phenolic	1500 lbs.	Swivel
91673	H3431-8X2-1/2	Phenolic	1500 lbs.	Rigid
91286	H1438-8X2-1/2	Mold -on Polyurethane	1500 lbs.	Swivel
91683	H3438-8X2-1/2	Mold -on Polyurethane	1500 lbs.	Rigid
Wheel Diameter 10" - Tread Width 2½"				
91257	H1406-10X2-1/2	Semi-Steel	1500 lbs.	Swivel
91658	H3406-10X2-1/2	Semi-Steel	1500 lbs.	Rigid
91276	H1431-10X2-1/2	Phenolic	1500 lbs.	Swivel
91674	H3431-10X2-1/2	Phenolic	1500 lbs.	Rigid
91288	H1438-10X2-1/2	Mold -on Polyurethane	1500 lbs.	Swivel
91685	H3438-10X2-1/2	Mold -on Polyurethane	1500 lbs.	Rigid

SERIES HX1400-HX3400 X-HEAVY FORGED TRAILER DUTY CASTERS

Designed for use on heavy duty power drawn trailers as well as in high capacity load carrying situations. This series provides easy rolling and manoeuvrability even on poor floor conditions.

ORDER BY PART NO.	CODE NO.	WHEEL MATERIAL	LOAD RATING	CASTER TYPE
Wheel Diameter 6" - Tread Width 3"				
91301	HX1406-6X3	Semi-Steel	2500 lbs.	Swivel
91752	HX3406-6X3	Semi-Steel	2500 lbs.	Rigid
91321	HX1431-6X3	Phenolic	2000 lbs.	Swivel
91776	HX3431-6X3	Phenolic	2000 lbs.	Rigid
91331	HX1438-6X3	Mold -on Polyurethane	2100 lbs.	Swivel
91786	HX3438-6X3	Mold -on Polyurethane	2100 lbs.	Rigid
Wheel Diameter 8" - Tread Width 3"				
91304	HX1406-8X3	Semi-Steel	2500 lbs.	Swivel
91754	HX3406-8X3	Semi-Steel	2500 lbs.	Rigid
91323	HX1431-8X3	Phenolic	2500 lbs.	Swivel
91778	HX3431-8X3	Phenolic	2500 lbs.	Rigid
91333	HX1438-8X3	Mold -on Polyurethane	2500 lbs.	Swivel
91788	HX3438-8X3	Mold -on Polyurethane	2500 lbs.	Rigid

ORDER BY PART NO.	CODE NO.	WHEEL MATERIAL	LOAD RATING	CASTER TYPE
Wheel Diameter 10" - Tread Width 3"				
91307	HX1406-10X3	Semi-Steel	3000 lbs.	Swivel
91756	HX3406-10X3	Semi-Steel	3000 lbs.	Rigid
91325	HX1431-10X3	Phenolic	2900 lbs.	Swivel
91780	HX3431-10X3	Phenolic	2900 lbs.	Rigid
91335	HX1438-10X3	Mold -on Polyurethane	3000 lbs.	Swivel
91789	HX3438-10X3	Mold -on Polyurethane	3000 lbs.	Rigid
Wheel Diameter 12" - Tread Width 3"				
91310	HX1406-12X3	Semi-Steel	3000 lbs.	Swivel
91758	HX3406-12X3	Semi-Steel	3000 lbs.	Rigid
91327	HX1431-12X3	Phenolic	3500 lbs.	Swivel
91782	HX3431-12X3	Phenolic	3500 lbs.	Rigid
91337	HX1438-12X3	Mold -on Polyurethane	3500 lbs.	Swivel
91791	HX3438-12X3	Mold -on Polyurethane	3500 lbs.	Rigid

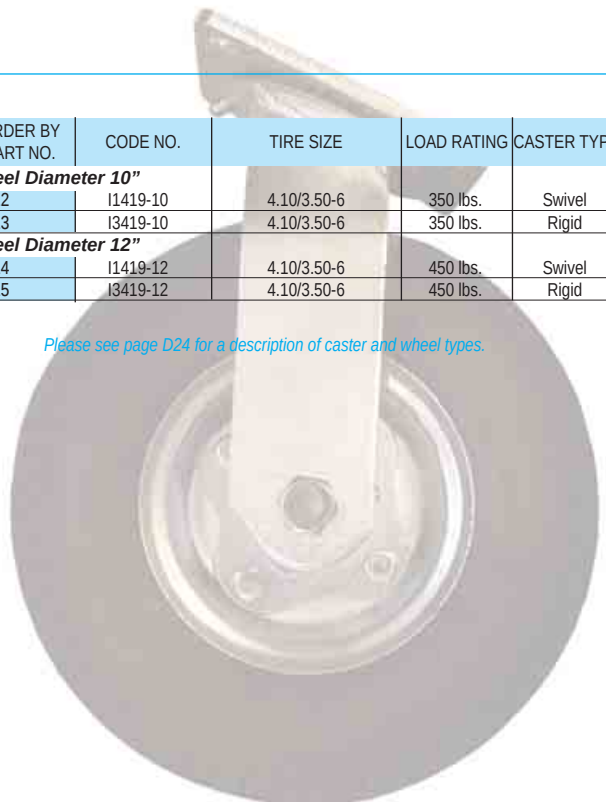
PNEUMATIC WHEELED CASTERS

Designed to absorb shock and vibration caused by floor obstructions or outdoor terrain. Moves delicate industrial loads smoothly and safely over rough bumpy surfaces. "RB" denotes rollock brake: effective gripping action across the tread keeps wheel from rolling.

ORDER BY PART NO.	CODE NO.	TIRE SIZE	LOAD RATING	CASTER TYPE
Wheel Diameter 8"				
46110	I1419-8	2.80/2.50-4	300 lbs.	Swivel
46111	I3419-8	2.80/2.50-4	300 lbs.	Rigid
48368	I1419-8RB	2.80/2.50-4	300 lbs.	Swivel

ORDER BY PART NO.	CODE NO.	TIRE SIZE	LOAD RATING	CASTER TYPE
Wheel Diameter 10"				
46112	I1419-10	4.10/3.50-6	350 lbs.	Swivel
46113	I3419-10	4.10/3.50-6	350 lbs.	Rigid
Wheel Diameter 12"				
46114	I1419-12	4.10/3.50-6	450 lbs.	Swivel
46115	I3419-12	4.10/3.50-6	450 lbs.	Rigid

Please see page D24 for a description of caster and wheel types.



Faultless®

SERIES EW OFFICE FURNITURE CASTERS

Recommended for office chairs, service carts, professional chairs, public seating, institutional and office equipment. "SB" denotes side brake: foot-operated friction brake positively locks wheels.

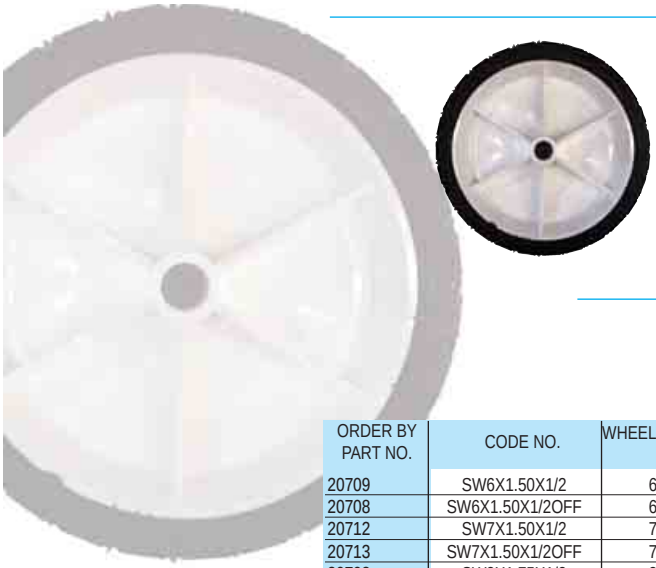
ORDER BY PART NO.	CODE NO.	WHEEL MATERIAL	LOAD RATING	FINISH
Wheel Diameter 2"				
30176	EW459	Ruberex	80 lbs.	Zinc
Wheel Diameter 2½"				
93174	EW4811	Ruberex	90 lbs.	Chrome
Wheel Diameter 3"				
93228	EW4520	Ruberex	90 lbs.	Zinc
Wheel Diameter 4"				
93188	EW4521	Ruberex	115 lbs.	Zinc

EW Friction Grip Stem
Bore dimensions:
29/64" dia., 1-9/16" depth.
Stem can be used with EW tube sockets or brackets.

DUAL WHEEL OFFICE FURNITURE CASTERS

Recommended for office chairs, service carts, stereo stands for use on carpeted or tile floors. Friction grip stem, hooded nylon body.

ORDER BY PART NO.	CODE NO.	WHEEL MATERIAL	LOAD RATING	FINISH
Wheel Diameter 2"				
46180	ITW32HN-50	Nylon	90 lbs.	Black



SEMI-PNEUMATIC WHEELS - PLASTIC HUB

Lawn and garden utility wheels are ideal for lawn care equipment. Offset hub and diamond tread. 1/2" bore size.

ORDER BY PART NO.	CODE NO.	WHEEL DIAMETER	TREAD WIDTH	LOAD RATING
44192	6PX1.5	6"	1½"	30 lbs.
44193	7PX1.5	7"	1½"	30 lbs.
44194	8PX1.75	8"	1¾"	45 lbs.
44181	10PX1.75	10"	1¾"	60 lbs.

SEMI-PNEUMATIC WHEELS - STEEL HUB

Recommended for garden equipment, toys, material handling equipment, etc. Temperature range: moderate. Ball bearing.

ORDER BY PART NO.	CODE NO.	WHEEL DIA.	TREAD WIDTH	HUB WIDTH	HUB TYPE	BEARING SIZE	TREAD DESIGN	LOAD RATING
20709	SW6X1.50X1/2	6"	1½"	1¼"	Centred	1/2"	Diamond	80 lbs.
20708	SW6X1.50X1/2OFF	6"	1½"	1½"	Offset	1/2"	Diamond	80 lbs.
20712	SW7X1.50X1/2	7"	1½"	1-5/8"	Centred	1/2"	Diamond	80 lbs.
20713	SW7X1.50X1/2OFF	7"	1½"	1-5/8"	Offset	1/2"	Diamond	80 lbs.
20703	SW8X1.75X1/2	8"	1¾"	1-5/8"	Centred	1/2"	Diamond	80 lbs.
20704	SW8X1.75X1/2OFF	8"	1¾"	1½"	Offset	1/2"	Diamond	80 lbs.
20113	SW8X2.50X5/8	8"	2½"	2½"	Centred	5/8"	Ribbed	200 lbs.
20147	SW10X1.75X1/2	10"	1¾"	1¾"	Centred	1/2"	Ribbed	100 lbs.
20200	SW10X2.75X5/8	10"	2¾"	1¾"	Centred	5/8"	Ribbed	145 lbs.
20236	SW10X2.75X3/4	10"	2¾"	1¾"	Centred	3/4"	Ribbed	145 lbs.
20289	SW12X1.75X1/2	12"	1¾"	1¾"	Centred	1/2"	Ribbed	110 lbs.

Please see page D24 for a description of caster and wheel types.

Faultless®

Industrial Casters

Caster Types

Swivel Casters
Have a swivel horn and wheel assembly that will rotate through 360°.

Rigid Casters
Have a rigid horn and wheel assembly permitting only straight line travel.

Wheel Types

Sintered Iron
Powdered iron, compacted to and sintered to cast iron strength, makes a concentric and smooth tread that runs quietly and protects floors.
Temperature Range: -40°C — +260°C

Soft Rubber (Ruberex)
Composition rubber wheel combines a soft rubber tread with a hard rubber core for quiet movement, a cushioned ride and maximum floor protection.
Temperature Range: -40°C — +70°C

Hard Rubber (Rockite)
Hard rubber molded composition throughout, this wheel is impervious to oils and greases. High load rating, good mobility.
Temperature Range: -40°C — +70°C

Polypropylene (Polyflex)
Polypropylene wheel is light in weight, and high in impact strength. It resists water and chemical absorption, withstands steam cleaning.
Temperature Range: -28°C — +82°C

Dyna-Tred TPR
Thermoplastic rubber resists chemicals, high temperatures, and wear. Tough polypropylene hub won't dent, mar, or stain.
Temperature Range: -40°C — +82°C

Semi-Steel
Cast iron toughened with steel, this wheel has a high load range and exceptionally long wear life. Recommended for wood and concrete floors.
Temperature Range: -40°C — +427°C

Phenolic (Plaskite)
Phenolic compound reinforced with macerated fabric makes a high strength, high impact wheel resistant to oil, gasoline, even dilute acids.
Temperature Range: -40°C — +149°C

Mold-On Polyurethane (Duro Tred)
Polyurethane tread permanently vulcanized to a semi-steel core delivers a cushioned ride, excellent mobility and long wear under heavy loads.
Temperature Range: -40°C — +110°C

RT
Unique waffle design, specially blended, reinforced thermoplastic material. They resist water, chemical absorption and steam cleaning. High impact.
Temperature Range: -28°C — +121°C

7-D

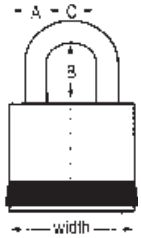
3-D

1-KA-LF

LAMINATED STEEL

For Perimeter and Storefront Gates, Tool Cribs, Construction Equipment, Vending And Truck Doors, General Use.

•Reinforced laminated lock bodies •Double locking mechanisms provide extra pry resistance (1-1/8" bodies are single-locking) •Hardened steel and alloy shackles for extra cut resistance •Proprietary rustproofing for longer life •Pair of brass keys included with every lock



PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
1-1/8" Wide Laminated Steel Body. 4-Pin Tumbler Shackle Dimensions: A: 3/16" C: 1/2"		
7-D	Keyed Different - Carded	9/16"
7LF	Keyed Different, Extra Length Shackle	1-1/2"
7LJ	Keyed Different, Extra Length Shackle	2-1/2"
7KA-A	Keyed Alike - Series A	9/16"
7KA-B	Keyed Alike - Series B	9/16"
7KA-C	Keyed Alike - Series C	9/16"
7KA-D	Keyed Alike - Series D	9/16"
7KA-E	Keyed Alike - Series E	9/16"
1-9/16" Wide Laminated Steel Body. 4-Pin Tumbler Shackle Dimensions: A: 9/32" C: 5/8"		
3-D	Keyed Different - Carded	3/4"
3LF	Keyed Different, Extra Length Shackle	1-1/2"
3LH	Keyed Different, Extra Length Shackle	2"
3KA-A	Keyed Alike - Series A	3/4"
3KA-B	Keyed Alike - Series B	3/4"
3KA-C	Keyed Alike - Series C	3/4"
3KA-D	Keyed Alike - Series D	3/4"
3KA-E	Keyed Alike - Series E	3/4"
3KA-F	Keyed Alike - Series F	3/4"
3KA-G	Keyed Alike - Series G	3/4"
3KA-H	Keyed Alike - Series H	3/4"
3KA-I	Keyed Alike - Series I	3/4"
3KA-J	Keyed Alike - Series J	3/4"
3KA-K	Keyed Alike - Series K	3/4"
3KA-L	Keyed Alike - Series L	3/4"
3KA-M	Keyed Alike - Series M	3/4"
3KA-N	Keyed Alike - Series N	3/4"
3KA-O	Keyed Alike - Series O	3/4"
3-T	Keyed Alike - 2 Pack, Carded	3/4"
3008-D	Keyed Alike - 4 Pack, Carded	3/4"
1¾" Wide Laminated Steel Body. 4-Pin Tumbler Shackle Dimensions: A: 5/16" C: 3/4"		
1-D	Keyed Different - Carded	15/16"
1LF	Keyed Different, Extra Length Shackle	1-1/2"
1LJ	Keyed Different, Extra Length Shackle	2-1/2"
1LN	Keyed Different, Extra Length Shackle	5-3/4"
1KA-A	Keyed Alike - Series A	15/16"
1KA-B	Keyed Alike - Series B	15/16"
1KA-C	Keyed Alike - Series C	15/16"
1KA-D	Keyed Alike - Series D	15/16"
1KA-E	Keyed Alike - Series E	15/16"
1KA-F	Keyed Alike - Series F	15/16"
1KA-G	Keyed Alike - Series G	15/16"
1KA-H	Keyed Alike - Series H	15/16"
1KA-I	Keyed Alike - Series I	15/16"
1KA-J	Keyed Alike - Series J	15/16"
1KA-K	Keyed Alike - Series K	15/16"
1KA-L	Keyed Alike - Series L	15/16"
1KA-M	Keyed Alike - Series M	15/16"
1KA-N	Keyed Alike - Series N	15/16"
1KA-O	Keyed Alike - Series O	15/16"
1KA-P	Keyed Alike - Series P	15/16"
1KA-Q	Keyed Alike - Series Q	15/16"
1KA-R	Keyed Alike - Series R	15/16"
1KA-S	Keyed Alike - Series S	15/16"
1KA-LF-A	Keyed Alike, Extra Length Shackle - Series A	1-1/2"
1KA-LF-B	Keyed Alike, Extra Length Shackle - Series B	1-1/2"
1KA-LJ-A	Keyed Alike, Extra Length Shackle - Series A	2-1/2"
1KA-LJ-B	Keyed Alike, Extra Length Shackle - Series B	2-1/2"
1KA-LJ-S	Keyed Alike, Extra Length Shackle - Series S	2-1/2"
1KA-LN-A	Keyed Alike, Extra Length Shackle - Series A	5-3/4"
1KA-LN-B	Keyed Alike, Extra Length Shackle - Series B	5-3/4"

PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
2" Wide Laminated Steel Body. 4-Pin Tumbler Shackle Dimensions: A: 3/8" C: 15/16"		
5-D	Keyed Different - Carded	1"
5LF	Keyed Different, Extra Length Shackle	1-1/2"
5LJ	Keyed Different, Extra Length Shackle	2-1/2"
5KA-A	Keyed Alike - Series A	1"
5KA-B	Keyed Alike - Series B	1"
5KA-C	Keyed Alike - Series C	1"
5KA-D	Keyed Alike - Series D	1"
5KA-E	Keyed Alike - Series E	1"
5KA-F	Keyed Alike - Series F	1"
5KA-G	Keyed Alike - Series G	1"
5KA-H	Keyed Alike - Series H	1"
5KA-LF-A	Keyed Alike, Extra Length Shackle - Series A	1-1/2"
5KA-LF-B	Keyed Alike, Extra Length Shackle - Series B	1-1/2"
5KA-LJ-A	Keyed Alike, Extra Length Shackle - Series A	2-1/2"
5KA-LJ-B	Keyed Alike, Extra Length Shackle - Series B	2-1/2"
1¾" Wide Laminated Steel Body. 5-Pin Tumbler Shackle Dimensions: A: 5/16" C: 3/4"		
81	Keyed Different	15/16"
81LJ	Keyed Different, Extra Length Shackle	2-1/2"
81KA-A	Keyed Alike - Series A	15/16"
81KA-B	Keyed Alike - Series B	15/16"
81KA-C	Keyed Alike - Series C	15/16"
81KA-D	Keyed Alike - Series D	15/16"
2" Wide Laminated Steel Body. 5-Pin Tumbler Shackle Dimensions: A: 7/16" C: 3/4"		
17-DPF	Keyed Different - Carded	1"
17LH	Keyed Different, Extra Length Shackle	2"
17KA-A	Keyed Alike - Series A	1"
17KA-B	Keyed Alike - Series B	1"
17KA-C	Keyed Alike - Series C	1"
17KA-D	Keyed Alike - Series D	1"
2½" Wide Laminated Steel Body. 5-Pin Tumbler Shackle Dimensions: A: 7/16" C: 1-3/16"		
15-DPF	Keyed Different - Carded	1-1/4"
15LH	Keyed Different, Extra Length Shackle	2"
15KA-A	Keyed Alike - Series A	1-1/4"
15KA-B	Keyed Alike - Series B	1-1/4"
15KA-C	Keyed Alike - Series C	1-1/4"
15KA-D	Keyed Alike - Series D	1-1/4"

5LF

81LJ

17KA

15-DPF

Locks & Lock Accessories

LAMINATED BRASS

Excellent for Outdoor Use and Marine Environments
•Reinforced laminated lock bodies •Double locking mechanisms provide extra pry resistance •4-Pin Tumbler cylinder •Hardened chrome plated steel shackles for extra cut resistance •Brass bodies and cylinders provide excellent corrosion resistance
•Pair of brass keys included with every lock

PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
1-9/16" Wide Laminated Brass Body. Shackle Dimensions: A:9/32" C:5/8"		
4-D	Keyed Different - Carded	3/4"
1¾" Wide Laminated Brass Body. Shackle Dimensions: A:5/16" C:3/4"		
2-D	Keyed Different - Carded	15/16"
2" Wide Laminated Brass Body. Shackle Dimensions: A:3/8" C:15/16"		
6-D	Keyed Different - Carded	1"

SOLID BRASS

Excellent for Outdoor Use and Marine Environments
•Stylish and strong solid brass lock body •Hardened seel shackle provides strong cut resistance •3, 4, and 5 pin tumbler cylinders for extra pick resistance •Pair of brass keys included with every lock

PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
3/4" Wide Solid Brass Body, (3-Pin) Shackle Dimensions: A:5/32" C:1/4"		
120-D	Keyed Different - Carded	7/16"
120KAD-A	Keyed Alike - Series A	7/16"
120KAD-B	Keyed Alike - Series B	7/16"
1-3/16" Wide Solid Brass Body, (4-Pin) Shackle Dimensions: A:3/16"C:9/16"		
130-D	Keyed Different - Carded	5/8"
130KAD-A	Keyed Alike - Series A	5/8"
130KAD-B	Keyed Alike - Series B	5/8"
1-9/16" Wide Solid Brass Body, (4-Pin) Shackle Dimensions: A:1/4" C:13/16"		
140-D	Keyed Different - Carded	7/8"
140KAD-A	Keyed Alike - Series A	7/8"
140KAD-B	Keyed Alike - Series B	7/8"
140KAD-C	Keyed Alike - Series C	7/8"
2" Wide Solid Brass Body, (5-Pin) Shackle Dimensions: A:9/32" C:1"		
150-D	Keyed Different - Carded	1"
150KAD-A	Keyed Alike - Series A	1"
150KAD-B	Keyed Alike - Series B	1"
2-3/8" Wide Solid Brass Body, (5-Pin) Shackle Dimensions: A:11/32" C:1-1/4"		
160-D	Keyed Different - Carded	1-1/8"

ECONOMY STEEL SERIES

For Applications Requiring Basic Tamper Resistance: Well Covers, Dumpsters and Low-Valued Property
•Laminated steel body withstands physical abuse •Warded locking mechanism which minimizes jamming from dirt and grime •Steel shackle provides strong cut resistance •Rustproofed for extended wear •Pair of nickel-plated steel keys included

PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
3/4" Wide Laminated Steel Body, Shackle Dimensions: A:1/8" C:1/4"		
9-D	Keyed Different - Carded	5/16"
1" Wide Laminated Steel Body, Shackle Dimensions: A:5/32"C:13/32"		
10-D	Keyed Different - Carded	7/16"
10KA-A	Keyed Alike - Series A	7/16"
1-1/8" Wide Laminated Steel Body, Shackle Dimensions: A:3/16" C:1/2"		
105-D	Keyed Different - Carded	1/2"
105KA-A	Keyed Alike - Series A	1/2"
105KA-B	Keyed Alike - Series B	1/2"
1½" Wide Laminated Steel Body, Shackle Dimensions: A:1/4" C:9/16"		
22-D	Keyed Different - Carded	5/8"
22KA-A	Keyed Alike - Series A	5/8"
22KA-B	Keyed Alike - Series B	5/8"
22-T	Keyed Alike - 2 Pack, Carded	5/8"
3009-D	Keyed Alike - 4 Pack, Carded	5/8"
1¾" Wide Laminated Steel Body, Shackle Dimensions: A:9/32" C:13/16"		
500-D	Keyed Different - Carded	13/16"
500KA-A	Keyed Alike - Series A	13/16"
500KA-B	Keyed Alike - Series B	13/16"

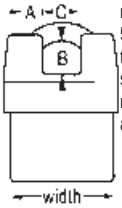
PRO SERIES® WEATHER TOUGH® PADLOCKS

For Extreme Conditions and Corrosive Environments
•Hardened steel and boron alloy shackles for superior cut resistance •Dual deadbolt locking for extreme resistance to prying •High key security: 5-Pin Tumbler cylinders provide tens of thousands of key changes - Special spool pins are virtually impossible to pick •Exclusive cover protects lock from water, ice, dirt and grime •Keyway cover keeps out dust and dirt

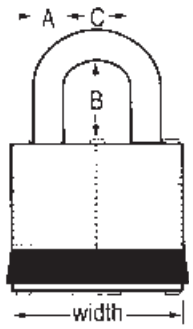
PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
2-1/8" Wide Laminated Steel Body, Shackle Dimensions: A:5/16" C:7/8"		
6121	Keyed Different	1-1/8"
6121KA-A	Keyed Alike - Series A	1-1/8"
6121KA-B	Keyed Alike - Series B	1-1/8"
6121KA-C	Keyed Alike - Series C	1-1/8"
2-3/8" Wide Laminated Steel Body, Shackle Dimensions: A:3/8" C:7/8"		
6125	Keyed Different	1-3/8"
6125KA-A	Keyed Alike - Series A	1-3/8"
6125KA-B	Keyed Alike - Series B	1-3/8"
6125KA-C	Keyed Alike - Series C	1-3/8"
2-5/8" Wide Laminated Steel Body, Shackle Dimensions: A:7/16" C:7/8"		
6127	Keyed Different	1-3/8"
6127KA-A	Keyed Alike - Series A	1-3/8"
6127KA-B	Keyed Alike - Series B	1-3/8"
6127KA-C	Keyed Alike - Series C	1-3/8"

PRO SERIES® SOLID IRON SHROUD PADLOCKS

•Greatest physical security available: Heavy steel bodies - Hardened steel and boron alloy shackles for superior cut resistance - Dual deadbolt locking for extreme resistance to prying •High key security: 5-Pin Tumbler cylinders provide tens of thousands of key changes •Greatest security against bolt cutters •Proprietary rustproofing for longer life •Defeats attempts to pry and cut



PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
2-1/8" Wide Laminated Steel Body, Shackle Dimensions: A:5/16" C:7/8"		
6321	Keyed Different	3/4"
6321KA-A	Keyed Alike - Series A	3/4"
6321KA-B	Keyed Alike - Series B	3/4"
6321KA-C	Keyed Alike - Series C	3/4"
2-3/8" Wide Laminated Steel Body, Shackle Dimensions: A:3/8" C:7/8"		
6325	Keyed Different	3/4"
6325KA-A	Keyed Alike - Series A	3/4"
6325KA-B	Keyed Alike - Series B	3/4"
6325KA-C	Keyed Alike - Series C	3/4"
2-5/8" Wide Laminated Steel Body, Shackle Dimensions: A:7/16" C:7/8"		
6327	Keyed Different	3/4"
6327KA-A	Keyed Alike - Series A	3/4"
6327KA-B	Keyed Alike - Series B	3/4"
6327KA-C	Keyed Alike - Series C	3/4"



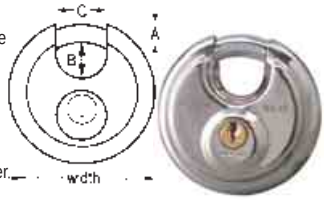
WEATHER PROTECTED PADLOCKS

Laminated steel body for superior strength with high-tech thermoplastic shell designed to withstand the elements. Hardened steel shackle with molded cover. Matching coloured keyhead for added convenience. Ideal for all outdoor applications. Blue cover over padlock.

PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
1½" Wide Laminated Steel Body, Shackle Dimensions: A:3/8" C:1/2"		
312D	Keyed Different, Carded	1"
312TRI	Keyed Alike - 3 Pack, Carded	1"

SHIELDED PADLOCK

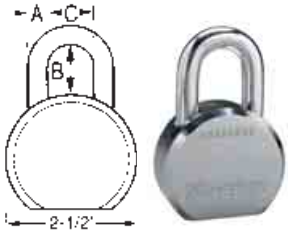
Fully shielded design minimizes shackle exposure while stainless steel body resists corrosion. 4-Pin Tumbler cylinder helps prevent picking. Hardened steel shackle for extra cut resistance. Key retaining feature ensures padlock is not left unlocked. Double deadbolt locking to guard against pulling. Ideal protection against bolt cutter attacks.



PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
2¾" Wide Laminated Steel Body, Shackle Dimensions: A:3/8" C:3/4"		
40D	Keyed Different, Carded	3/4"

PRO SERIES® SOLID STEEL PADLOCKS

High security solid steel padlock resists tough abuse. Hardened boron alloy shackle for superior cut resistance. 5-Pin Tumbler cylinder for added pick resistance. Removable cylinder can be replaced or repinned.



PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
2½" Wide Solid Steel Body, Shackle Dimensions: A:7/16" C:7/8"		
6230	Keyed Different	1-1/8"
6230KA-A	Keyed Alike - Series A	1-1/8"
6230KA-B	Keyed Alike - Series B	1-1/8"
6230KA-C	Keyed Alike - Series C	1-1/8"

LAMINATED STEEL EXTRA-WIDE REACH PADLOCKS

Extra Wide Reach For Commercial Freezers and Other Special Applications

Laminated steel body for superior strength with extra-wide reach for commercial freezers and other special applications. Removable cylinder can be replaced or repinned. 5-Pin Tumbler cylinder for added security. Hardened boron alloy shackle for superior cut resistance. Pair of brass keys included.

PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
3¼" Wide Laminated Steel Body, Shackle Dimensions: A:5/16" C:2¼"		
101	Keyed Different	3"

REKEYABLE PADLOCK

Quickly rekeyable to meet individuals needs. Laminated steel body for superior strength and hardened steel shackle for extra cut resistance. Removable cylinder can be replaced or repinned. 4-Pin Master W1 Cylinder.

PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
1¾" Wide Laminated Steel Body, Shackle Dimensions: A:5/16" C:3/4"		
21KAW1-3425	Keyed Alike	15/16"

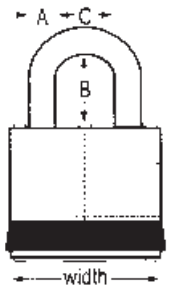
UNIVERSAL PIN PADLOCKS

Laminated steel bodies for superior strength with universal pins for keying convenience. Hardened steel (Nos. 1 and 3) and hardened boron alloy (No. 5) shackles. 4 pin tumbler cylinders helps prevent picking. Locks pinned to customer's keys in minutes. Great choice for keyed alike applications.

PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
1¾" Wide Laminated Steel Body, Shackle Dimensions: A:5/16" C:3/4"		
1UP	Universal Pin	15/16"
1UPLJ	Universal Pin, Extra Length Shackle	2-1/2"
1-9/16" Wide Laminated Steel Body, Shackle Dimensions: A:9/32" C:5/8"		
3UP	Universal Pin	3/4"
3UPLF	Universal Pin, Extra Length Shackle	1-1/2"
2" Wide Laminated Steel Body, Shackle Dimensions: A:3/8" C:15/16"		
5UP	Universal Pin	1"
5UPLF	Universal Pin, Extra Length Shackle	1-1/2"

KEYING TOOL

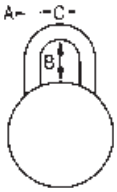
Hand held keying tool for on-site use with Universal Pin padlocks. Now every padlock you buy can be keyed to your existing key - on the spot! (Hammer is required for operation.)
Part No. 376.



Locks & Lock Accessories

COMBINATION PADLOCKS

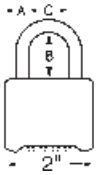
Reinforced stainless steel outer case •Hardened steel shackle for cut and saw resistance •Double armored stainless steel case •Dual ball locking and boron alloy shackle for superior pull, pry, rap and cut resistance •3 digit dialing



PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
1-7/8" Wide Stainless Steel Body, Shackle Dimensions: A:9/32" C:13/16"		
1500-D	Combination Different, Carded	3/4"
1500KA-A	Combination Alike - Series A	3/4"
1500KA-B	Combination Alike - Series B	3/4"
1500KA-C	Combination Alike - Series C	3/4"
1500KA-D	Combination Alike - Series D	3/4"
1500-T	Combination Alike - 2 Pack, Carded	3/4"
2-3/16" Wide Stainless Steel Body, Shackle Dimensions: A:5/16" C:15/16"		
2001-DPF	Combination Different - Carded	1"

RESETTABLE COMBINATION PADLOCK

Set Your Own Combination
Convenience & Security
•Use combination reset feature to restrict/change allowed access •Reset to any of 10,000 numbers •4-digit direct operation •Heavy hardened shackle provides high resistance to cutting and prying



PART NO.	DESCRIPTION	VERTICAL SHACKLE CLEARANCE (B)
2" Wide Solid Brass Case, Shackle Dimensions: A:5/16" C:1"		
175-D	Resettable Combination, Carded	1"
175DLH	Resettable Combination, Long Shackle	2"

GENERAL PURPOSE HASPS

Hard wrought steel and hardened steel bodies for strength. Hardened steel staples resist cutting and sawing. Tamper proof hinges help resist prying. Hardened steel locking eyes for strong cut resistance.

PART NO.	DESCRIPTION	ACCEPTS SHACKLE DIAMETER UP TO:
702D	2-1/2" Hard Wrought Steel Body	9/32"
703D	3-1/2" Hard Wrought Steel Body	11/32"
704D	4-1/2" Hard Wrought Steel Body	1/2"
706D	6" Hard Wrought Steel Body w/ Reinforced Plate	9/16"

HASPLOCK

Hasps with Integral Locking Mechanisms for Convenient Locking
Hardened steel hasp with laminated steel lock body. 4-Pin Tumbler cylinder for security. Ribbed hasp plate for extra strength, and hardened steel locking eye for strong cut resistance.
Part No. 475D, 4½" Hasp Length, 1¾" Lock Body Width.

Safety Lockout Products

Master Lock SAFETY SERIES

"DO NOT OPERATE" I.D. TAGS

Heavy Duty Tags Comply with OSHA Lockout/Tagout Standard
•Durable polyester laminate resists water, grease and extreme temperatures •Heavy duty construction withstands up to 80 lbs. of pullout force; prevents accidental removal •Customize with name, department, expected completion •7/16" dia. brass grommet accepts all safety padlocks •Dimensions: 5-3/4" H x 3-1/8" W
Part No. 497A, 1 bag of 12 tags with ties.

LOCKOUT SIGNS

Identify Equipment That Requires Lockout
Premium High Quality Fibreglass Material Size: 10" x 7"
•Rigid, durable construction •Won't peel or fade •Suitable for all environments, including outdoors
Part No. 464A, "CAUTION - LOCK OUT FOR SAFETY".
Part No. 464B, "CAUTION - THIS MACHINE MUST BE LOCKED OUT PRIOR TO SERVICING".

FLEXIBLE SIGNS

Size: 3.5" x 5"
•Adhere to most surfaces •Can be left in place permanently or removed as desired
Part No. 463A, Magnetic, "CAUTION - THIS MACHINE MUST BE LOCKED OUT PRIOR TO SERVICING".
Part No. 463B, Magnetic, "DANGER - EQUIPMENT BEING SERVICED DO NOT OPERATE".
Part No. 469, Vinyl, "ADHESIVE CAUTION - LOCKOUT FOR SAFETY".

SAFETY LOCKOUT HASPS

Lockout by Up to 8 Workers at Each Lockout Point
•Keeps equipment inoperative while repairs or adjustments are made •Attach device to energy disconnect switch •Control cannot be turned on until last worker's padlock is removed
•Multiple styles available to fit most needs

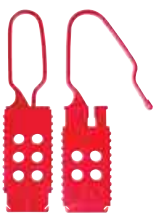
PART NO.	DESCRIPTION	INSIDE JAW DIAMETER	PADLOCK CAPACITY
416	Spark Proof Aluminum 1½" x 4-3/8"	1"	6
417	Spark Proof Aluminum 2" x 4-7/8"	1½"	6
418	Heavy Duty Steel 2-3/8" x 3¼"	1"	4
419	Heavy Duty Steel 2-3/8" x 6-5/8"	1"	8
420	Steel Jaw with Vinyl Coated Handle 1¾" x 4½"	1"	6
421	Steel Jaw with Vinyl Coated Handle 2-3/8" x 5"	1-1/2"	6
427	Labeled Snap-On Hasp 2-7/8" x 7"	1¾" x 2-1/8"	5
428	Nylon Non-Conductive Hasp 1-5/8" x6-7/8"	1"	6
429	Dual Jaw Aluminum Hasp 2" x 5-7/8"	1" & 1½"	8

419

418

416

429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420

ADJUSTABLE CABLE LOCKOUT

Infinitely Adjustable for a Secure Fit Every Time
•Integrated, safety hasp and cable for ease-of-use •Ideal for multiple circuit breaker panel and side-by-side gate valve lock-outs •Feed the cable end through the points to be locked out, then back through the lockout body. Cinch it tight to remove any slack with the patented locking feature •Tough, flexible multi-stranded 1/4" dia. steel cable is insulated with a clear vinyl coating •Tough, lightweight, dielectric Xenoy® thermoplastic body withstands chemicals, performs effectively in extreme conditions •Up to 4 workers can apply their personal safety locks •Red lockout colour •Includes high-visibility , reusable, write on labels
Part No. 8611, Adjustable cable lockout w/ 6 ft. cable.
Part No. 8615, Separate 15 ft. cable for use with No. 8611.

STEEL GROUP LOCK BOX

Storage Devices Capture Keys For Effective Lockout of Large Equipment
•Secure each lockout point on a piece of equipment with just one designated lock •Capture the keys by placing them in the lock box •Each authorized employee locks one personal safety lock onto the box, removing them only when their work is complete. Latch Tight™ Lock Box Feature: •Exclusive latch tight™ ensures that keys cannot be accessed until the very last lock is removed regardless of padlock shackle diameter or length •Durable powder coated finish with stainless steel handle •Integrated storage organizes up to 12 keys or hundreds of bulk keys •Dual application - wall mount or portable •Up to 14 workers can apply their personal safety padlocks or hasps. Standard Group Lock Box - accommodates up to 12 workers and 1 supervisor.
Part No. 503RED, Latch Tight™ Group Lock Box - Red - 12¾" x 3½" x 6-3/8".
Part No. 503YLW, Latch Tight™ Group Lock Box - Yellow - 12¾" x 3½" x 6-3/8".
Part No. 498A, Standard Group Lock Box - Red - 6" x9¼" x 3¾".

503RED

503YLW

498A

ROTATING GATE VALVE LOCKOUTS

Outward/Inward Rotation Allows for Easier Installation & Storage
•Surrounds the valve operating handle to protect against accidental valve opening •Unique rotating design allows for easier installation in confined space applications •Each size nests within the next larger size to save space in storage •Up to 4 workers can apply their personal safety locks •Red lockout colour •Complete with high visibility permanent safety labels that be written on •Tough, lightweight, dielectric Xenoy® thermoplastic bodies withstand chemicals; perform effectively in extreme conditions (-46° to 177°C)
Part No. 480, fits 1" to 3" dia. valve handles.
Part No. 481, fits 2" to 5" dia. valve handles.
Part No. 482, fits 4" to 6.5" dia. valve handles.
Part No. 483, fits 6" to 10" dia. valve handles.
Part No. 484, fits 8" to 13" dia. valve handles.
Part No. 485, 1 set of No.s 480 thru 484.

480

484

485

ROTATING ELECTRICAL PLUG LOCKOUTS

Outward/Inward Rotation Allows for Easier Application & Storage
•Surrounds the electrical plug; protects against accidental reconnection •Unique, rotating design allows for easier installation in confined space applications •Each size rotates into itself for compact storage in safety tool boxes •Complete with high visibility permanent safety labels that be written on (applies to #488 only) •Tough, lightweight, dielectric Xenoy® thermoplastic bodies withstand chemicals; perform effectively in extreme conditions (-46° to 177°C)
Part No. 487, For Electrical Plug Sizes Up To: 2-1/4" dia. x 3-1/4" with cord dia. up to 3/4" (Most 110- and many 220 volt plugs).
Part No. 488, For Electrical Plug Sizes Up To: 3" dia. x 6" with cord dia. up to 3/4" (Most 220 & 550 volt plugs).

Master Lock.
SAFETY SERIES™

OVERSIZED PLUG & CONTROL COVER

Effectively Locks Out Odd Size and Large Electrical Connectors
•Lockout cinch sack offers broad application solutions sized 7" diameter by 17" tall •Insert PVC tubing to block access to control buttons •Flexible and durable rip-stop nylon bag fits easily in safety tool boxes •Lock out up to 6 padlocks or hasps •Lock out warning printed on bag
Part No. 453L, Nylon Oversized Plug & Control Lockout.

ELECTRICAL PLUG BLADE LOCKOUT

Isolate Equipment from Power Sources
•Device slides over plug prongs and locks in place •Cannot be removed without the key •Fits 2 and 3 prong, 110 volt plugs
Part No. 489.

UNIVERSAL WALL SWITCH LOCKOUT

Locks Out Both Toggle and Decora Wall Switches
•Design assures switch is locked on or off •Hinges open for unobstructed normal operation of switch
Part No. 496B.

Safety Lockout Products & Miscellaneous Lock

PADLOCK LOCKOUT STATIONS

Virtually Indestructible

•Integrated, one piece molded construction eliminates loose parts •Polycarbonate material provides twice the heat resistance and quadruple the impact strength of typical stations •Reinforced snap-lock clips provide easy padlock and hasp storage and removal •Translucent cover protects contents •Lockable to prevent loss of valuable safety lockout padlocks •Innovative hinge holds cover open for easy product selection •Up to 100,000 key changes available to fit the largest lockout systems •Contains 3RED steel padlocks •Key registration included to record and track all key codes

Part No. 1482BP3, 4 Lock Station - Contains: 4 Padlocks; 2- 420 Hasps; 1 - 497A Tags (12/pack).
Part No. 1483BP3, 10 Lock Station - Contains: 10 Padlocks; 2- 420 Hasps; 2 - 497A Tags (12/pack).
Part No. 1484BP3, 20 Lock Station - Contains: 20 Padlocks; 4- 420 Hasps; 4 - 497A Tags (12/pack).

Master Lock SAFETY SERIES

1482BP3

1483BP3

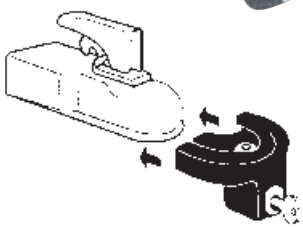
1484BP3

STEERING WHEEL COVERS

Provides Visual Deterrant for Vehicle Maintenance
•Three sizes available for various diameter steering wheels
•Warning notifies employees not to start or move a vehicle
•Lock in place with a 421 hasp and safety padlock •
Part No. 4716, 16" Diameter Steering Wheel Cover.
Part No. 4720, 20" Diameter Steering Wheel Cover.
Part No. 4724, 24" Diameter Steering Wheel Cover.

TRAILER LOCKS

Ideal for protecting unattended trailers. Rugged die-cast zinc body resists corrosion. 4 -Pin Tumbler cylinder. Note: Application may vary due to the age of your trailer.
Part No. 34, Fits most 2" couplers.
Part No. 35, Fits most 2" and 2-5/16" Marvel couplers.
Part No. 36, Fits most 2" Hadco couplers.
Part No. 39, Fits most 1-7/8" and 2" Bulldog (Hammerblow) couplers.



INTERCHANGEABLE HITCH BALL SYSTEM

Change from one ball diameter to another without the need for any tools. Each ball comes with its own, permanently attached, retention blade which means that there are no loose parts that can be easily misplaced. Retention blade includes a pocket-knife style groove to help rotate it from the shaft. The shaft includes a 13/16" wide flat area for a wrench to aid installation. Chrome plated, solid steel components are able to withstand the elements.
Steps:
1. Lift and flip the blade of the ball
2. Rotate the ball 1/4 turn
3. Lift the ball to remove

Part No. 2806DATSC, 3/4" shank, 1-7/8" and 2" balls.
Part No. 2807DATSC, 1" shank, 1-7/8" and 2" balls.

COUPLER LOCKS

Part No. 377DAT, 1-7/8" and 2" universal.
Part No. 378DAT, 2-5/16" adjustable.

377DAT

378DAT

PYTHON™ ADJUSTABLE LOCKING CABLE

Secures anything within its grasp. It's the only locking cable that is always the right length for the application. The cable may be pulled tight and locked in place to achieve a higher level of security than possible with a standard cable and lock. Python brings the security of a lock and braided steel cable to enhance any tie-down application. High strength cable - 6 ft. x 3/8" (10 mm), vinyl coated, braided steel. Applications: bikes, lawn furniture, lawn mower, jobsite security, canoes, boats, skis, snowboards, generators, pick-up truck cargo, spare tire, etc.
Part No. 8413, Python cable lock - carded.
Part No. 8413KA-A, Python keyed alike cable lock - Series A - boxed.
Part No. 8413KA-B, Python keyed alike cable lock - Series B - boxed.
Part No. 8413KA-C, Python keyed alike cable lock - Series C - boxed.
Part No. 8413KA-E, Python keyed alike cable lock - Series E - boxed.

COLE Padlocks

SOLID BRASS PADLOCKS
Part No. SBR-3/4, 3/4".
Part No. SBR-1-1/4, 1¼".
Part No. SBR-1-1/2, 1½".
Part No. SBR-1-3/4, 1¾".

LAMINATED STEEL PADLOCKS
Part No. LST-1-1/4, 1¼" w/ bumper.
Part No. LST-1-1/2, 1½" w/ bumper.
Part No. LST-1-3/4, 1¾" w/ bumper.
Part No. LST-2, 2", no bumper.

Part No. LSH-1-3/4, 1¾" long shackle padlock.

LAMINATED STEEL PADLOCKS — KEYED ALIKE
Part No. KA-1-1/2-A, 1½" - Series A.
Part No. KA-1-1/2-B, 1½" - Series B.
Part No. KA-1-1/2-C, 1½" - Series C.
Part No. KA-1-1/2-D, 1½" - Series D.
Part No. KA-1-1/2-E, 1½" - Series E.
Part No. KA-1-1/2-F, 1½" - Series F.
Part No. KA-1-3/4-G, 1¾" - Series G.
Part No. KA-1-3/4-H, 1¾" - Series H.
Part No. KA-1-3/4-I, 1¾" - Series I.
Part No. KA-1-3/4-J, 1¾" - Series J.

COMBINATION LOCK
Part No. CL-1-3/4, 1¾".

FULTON Lock Products

HITCH LOCK
Economical theft deterrent with solid cast lock body. Fits all Fas-Lok™ and other standard couplers.
Part No. HLO.

FULTON

TRAILER KEEPER LOCK
Heavy duty, hardened steel construction. Adjustable to fit most trailer wheels up to 15". Includes brass lock and key set.
Part No. TK100.

RECEIVER LOCKS
Plated steel pin; heavy duty cast lock body. Includes protective cover.
Part No. RL50, ½" dia. pin for 1¼" x 1¼" receivers
Part No. RL63, 5/8" dia. pin for 2" x 2" receivers

RL63

DOGBONE™ RECEIVER LOCK
Easy to use, push-button lock mechanism. Protective cap shields lock mechanism from road debris.
Part No. DBRL50, ½" for 1¼" x 1¼" receivers
Part No. DBRL63, 5/8" for 2" x 2" receivers

ATV LOCK & HOLD DOWN SYSTEM
Patented theft deterrent hardware system. Provides maximum safety and security — eliminates the need for straps and tie downs: saves time and money (easier to store). Specially designed for ATV use, also great for lawn tractors, golf carts and other utility vehicles. All necessary mounting hardware included.
Part No. ATVC, Complete kit, front and rear, keyed alike.

GORILLA GUARD™ CABLE LOCK
High strength, vinyl coated steel cable. Heavy duty locking body secures cable end. Coils easily for storage.
Part No. CLK6, 6 ft.
Part No. CLK15, 15 ft.

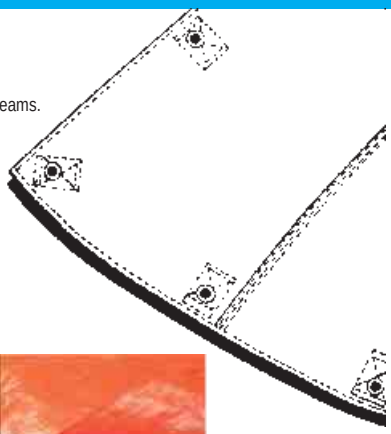
SPARE TIRE LOCK
Fits over wheel studs (up to 9/16" diameter) to help deter theft. Removable plug allows longer wheel studs to protrude through cap, and locking tab provides positive locking feature to help prevent lock from turning.
Part No. STL.

OUTBOARD MOTOR LOCK
Heavy duty barrel key lock mechanism for maximum security. Mounts on most outboard motors. Foam filler insert reduces noise and vibration.
Part No. OML.

PERSONAL WATERCRAFT BOW LOCK
Locks personal watercraft to trailer bow stop. 6¼" locking length. Plated steel pin.
Part No. PWL50.

NORSEMAN PRODUCTS

Tarps



DELUXE CANVAS FARM TRUCK & UTILITY TARPS

First grade tarpaulin duck. Water and mildew resistant. Features a No Rip Grommet System (stronger than roped hems). Triple stitched seams. Uses include: farm truck tarpaulins, farm equipment and vehicle cover, multi purpose cover for fertilizer, chemicals, etc., and utility cover.

Part No. 386776, 5 ft. 9" x 7 ft. 10" finished size deluxe canvas tarpaulin (6 ft. x 8 ft.).
Part No. 386777, 6 ft. 10" x 8 ft. 7" finished size deluxe canvas tarpaulin (7 ft. x 9 ft.).
Part No. 386778, 7 ft. 8" x 9 ft. 6" finished size deluxe canvas tarpaulin (8 ft. x 10 ft.).
Part No. 386779, 7 ft. 8" x 11 ft. 6" finished size deluxe canvas tarpaulin (8 ft. x 12 ft.).
Part No. 386780, 9 ft. 6" x 11 ft. 6" finished size deluxe canvas tarpaulin (10 ft. x 12 ft.).
Part No. 386781, 9 ft. 6" x 13 ft. 8" finished size deluxe canvas tarpaulin (10 ft. x 14 ft.).
Part No. 386782, 9 ft. 6" x 15 ft. 8" finished size deluxe canvas tarpaulin (10 ft. x 16 ft.).
Part No. 386783, 9 ft. 6" x 17 ft. 8" finished size deluxe canvas tarpaulin (10 ft. x 18 ft.).
Part No. 386784, 11 ft. 6" x 13 ft. 8" finished size deluxe canvas tarpaulin (12 ft. x 14 ft.).
Part No. 386785, 11 ft. 6" x 17 ft. 8" finished size deluxe canvas tarpaulin (12 ft. x 18 ft.).
Part No. 386786, 13 ft. 6" x 15 ft. 8" finished size deluxe canvas tarpaulin (14 ft. x 16 ft.).

INSULATED TARPS

Closed cell polypropylene is the most superior foam used in insulated tarps. They maintain an even "R" value for concrete curing and maintain their shape for hoarding applications. Closed cell foams stay flexible at low temperatures and compression will not break the enclosed air structure. Closed cell foams do not absorb water. 4 and 3 layers of foam are superior to single layer foams (by 60%) as air is trapped between the layers that also increase "R" values. These tarps are double stitched at the hem with an extra edge flap of woven poly. This edge flap protects the internal foam from UV breakdown and external pollutants that also damage the foam and reduce the life of the blanket. The internal foam layers are cut to the edge of the finished blanket size to reduce heat loss at blanket edges. The foam inside will not shift as it is sewn and held by grommets to the outer cover. Translucent orange fabric allows light penetration.

Part No. 402290, 3/16" (3 layer) insulated tarp — 12 ft. x 20 ft.
Part No. 402313, 3/16" (3 layer) insulated tarp — 12 ft. x 24 ft.
Part No. 386858, ¼" (4 layer) insulated tarp — 12 ft. x 20 ft.
Part No. 386859, ¼" (4 layer) insulated tarp — 12 ft. x 24 ft.

PROCORE

Tarpaulins

PROCORE

- •Fibre Reinforced Polyethylene
- •Waterproof
- •Tear Proof
- •Leak Proof
- •Rot Proof
- •Rope Reinforced Hem
- •Double Durable Stitching
- •Heat Sealed Seams
- •Reinforced Corners
- •Rust Proof Grommets every 3 feet
- •Sun and Fade Resistant - UV Treatment on both sides

MEDIUM DUTY TARPAULINS

- •80 grams/sqm on a 8x8 weave with 30 micron lamination
- •Available in either Blue or Orange

PART NO. BLUE	PART NO. ORANGE	SIZE
41-0003	41-0053	5 ft. x 7 ft.
41-0006	41-0056	6 ft. x 8 ft.
41-0009	41-0059	8 ft. x 10 ft.
41-0012	41-0062	9 ft. x 12 ft.
41-0015	41-0065	10 ft. x 14 ft.
41-0018	41-0068	12 ft. x 16 ft.
41-0021	41-0071	12 ft. x 18 ft.
41-0024	41-0074	12 ft. x 20 ft.
41-0027	41-0077	12 ft. x 24 ft.
41-0030	41-0080	18 ft. x 20 ft.
41-0033	41-0083	20 ft. x 24 ft.
41-0036	41-0086	20 ft. x 30 ft.
41-0039	41-0089	30 ft. x 50 ft.

HEAVY DUTY TARPAULINS

- •135 grams/sqm on a 10x10 weave with 40 micron lamination
- •Heavy duty hard plastic reinforced corners
- •Available in Hunter Green

PART NO.	SIZE
41-0103	5 ft. x 7 ft.
41-0106	6 ft. x 8 ft.
41-0109	8 ft. x 10 ft.
41-0112	9 ft. x 12 ft.
41-0115	10 ft. x 14 ft.
41-0118	12 ft. x 16 ft.
41-0121	12 ft. x 18 ft.
41-0124	12 ft. x 20 ft.
41-0127	12 ft. x 24 ft.
41-0130	18 ft. x 20 ft.
41-0133	20 ft. x 24 ft.
41-0136	20 ft. x 30 ft.
41-0139	30 ft. x 50 ft.

EXTRA HEAVY DUTY TARPAULINS

- •245 grams/sqm on a 14x14 weave with 50 micron lamination
- •Heavy duty hard plastic reinforced corners
- •Silver colour one side - Black colour other side

PART NO.	SIZE
41-0203	5 ft. x 7 ft.
41-0206	6 ft. x 8 ft.
41-0209	8 ft. x 10 ft.
41-0212	9 ft. x 12 ft.
41-0215	10 ft. x 14 ft.
41-0218	12 ft. x 16 ft.
41-0221	12 ft. x 18 ft.
41-0224	12 ft. x 20 ft.
41-0227	12 ft. x 24 ft.
41-0230	18 ft. x 20 ft.
41-0233	20 ft. x 24 ft.
41-0236	20 ft. x 30 ft.
41-0239	30 ft. x 50 ft.

CANADA CORDAGE
Polypropylene Rope

PART NO. (SOLD BY THE FOOT)	PART NO. (SOLD BY THE REEL)	DESCRIPTION	QUANTITY/REEL
HPR-3/16	HPR-3/16(2125)	3/16" polypropylene rope - hardware grade - 720 lbs.	2125 ft.
HPR-1/4	HPR-1/4(1310)	1/4" polypropylene rope - hardware grade - 1120 lbs.	1310 ft.
HPR-5/16	HPR-5/16(975)	5/16" polypropylene rope - hardware grade - 1450 lbs.	975 ft.
HPR-3/8	HPR-3/8(630)	3/8" polypropylene rope - hardware grade - 2250 lbs.	630 ft.
HPR-1/2	HPR-1/2(335)	1/2" polypropylene rope - hardware grade - 4200 lbs.	335 ft.
HPR-5/8	HPR-5/8(200)	5/8" polypropylene rope - hardware grade - 5900 lbs.	200 ft.
HPR-3/4	HPR-3/4(125)	3/4" polypropylene rope - hardware grade - 8500 lbs.	125 ft.
IPR-3/16	IPR-3/16(2400)	3/16" polypropylene rope - industrial grade - 760 lbs.	2400 ft.
IPR-5/16	IPR-5/16(1200)	5/16" polypropylene rope - industrial grade - 1850 lbs.	1200 ft.
IPR-3/8	IPR-3/8(600)	3/8" polypropylene rope - industrial grade - 3045 lbs.	600 ft.
IPR-1/2	IPR-1/2(600)	1/2" polypropylene rope - industrial grade - 4470 lbs.	600 ft.
IPR-5/8	IPR-5/8(600)	5/8" polypropylene rope - industrial grade - 6115 lbs.	600 ft.
IPR-3/4	IPR-3/4(600)	3/4" polypropylene rope - industrial grade - 9935 lbs.	600 ft.
IPR-1	IPR-1(600)	1" polypropylene rope - industrial grade - 14,750 lbs.	600 ft.
IPR-1-1/4	IPR-1-1/4(600)	1¼" polypropylene rope - industrial grade - 21,820 lbs.	600 ft.
IPR-1-1/2	IPR-1-1/2(600)	1½" polypropylene rope - industrial grade - 30,100 lbs.	600 ft.

Nylon Rope

PART NO. (SOLD BY THE FOOT)	PART NO. (SOLD BY THE REEL)	DESCRIPTION	QUANTITY/REEL
NYR-3/16	NYR-3/16(2125)	3/16" twisted nylon rope - 1070 lbs.	2125 ft.
NYR-1/4	NYR-1/4(1310)	1/4" twisted nylon rope - 1420 lbs.	1310 ft.
NYR-5/16	NYR-5/16(975)	5/16" twisted nylon rope - 2700 lbs.	975 ft.
NYR-3/8	NYR-3/8(630)	3/8" twisted nylon rope - 3850 lbs.	630 ft.
NYR-1/2	NYR-1/2(335)	1/2" twisted nylon rope - 5265 lbs.	335 ft.
NYR-5/8	NYR-5/8(200)	5/8" twisted nylon rope - 9100 lbs.	200 ft.
NYR-3/4	NYR-3/4(125)	3/4" twisted nylon rope - 12,150 lbs.	125 ft.

CORDS
Starting Cords

Replacement starting cords for all pull start motors. Ideal replacement cords for all gas powered engines such as lawnmowers, trimmers, chain saws, ski-doos, pumps, and any other pull-start applications.

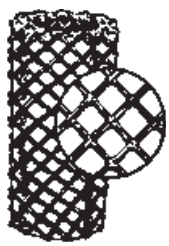
PART NO. (SOLD BY THE FOOT)	PART NO. (SOLD BY THE REEL)	DESCRIPTION	QUANTITY/REEL
L2702-3	L2700-3	3/32" starting cord for most trimmers	200 ft.
L2702-3.5	L2700-3.5	7/64" starting cord for Lawnboy engines and chain saws	200 ft.
L2702-4	L2700-4	1/8" starting cord for Lawnboy engines	200 ft.
L2702-4.5	L2700-4.5	9/64" starting cord for new Briggs & Stratton engines	200 ft.
L2702-5	L2700-5	5/32" starting cord for 2 cycle Tecumseh engines and chain saws	200 ft.
L2702-5.5	L2700-5.5	11/64" starting cord for Tecumseh and Clinton engines	200 ft.
L2702-6	L2700-6	3/16" starting cord for older Briggs & Stratton engines	200 ft.
L2702-8	L2700-8	1/4" starting cord for larger engines	200 ft.

QUEST PLASTICS LTD.
Fencing Products

SAFETY FENCING

•Provides a physical barrier around dangerous or restricted areas •The "international" orange colour is highly visible and accepted world-wide •Used at construction, excavation and demolition sites •Provides course markings and crowd control at sporting events and parades •Made from high density polyethylene (HDPE) •U.V. resistant •Easy to install

Part No. DM504X, Diamond 2" mesh 4 ft. x 50 ft. (1.2 m x 15.2 m).



Quest Plastics Limited

SNOW FENCING

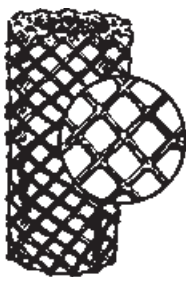
•Stronger than competitive non-oriented fences •Engineered to control drifting snow and sand •50/50 mesh design provides maximum efficiency •Used extensively for: highways, driveways, ski areas and winter trails •Provides 50% shade for greenhouse applications •Made from high density polyethylene (HDPE) •U.V. resistant •Easy to install

Part No. SF4850X, Orange 4 ft. x 50 ft. (1.2 m x 15.2 m).

RESIDENTIAL FENCING

•Easier to install and more economical than conventional chain-link or wooden fence •Will not rust or corrode •"Lick-proof" for children and pets •Deters unwanted trespassers •Provides an enclosed play area for children and pets •Creates an attractive pool enclosure •Made from high density polyethylene (HDPE) •U.V. resistant •Easy to install

Part No. DLW450G, Diamond 2" mesh - green 4 ft. x 50 ft. (1.2 m x 15.2 m).



GDX

Snow & Construction Fencing

•Engineered to control drifting snow and sand •For highways, driveways, ski areas, winter trails •For construction, excavation, and demolition sites •Easy to install and work with •Will not rust or corrode •Made of strong durable high density polyethylene
Part No. IMP4850X, Orange 4 ft. x 50 ft. (1.2 m x 15.2 m).
Part No. IMP48100X, Orange 4 ft. x 100 ft. (1.2 m x 30.4 m).

FENCE

T-Posts

•Commercial grade fence post and tree stake •Rail steel construction •For all applications
Part No. TPOST-6, 6 ft. T-Post, painted green.
Part No. UNP-6, 6 ft. T-Post, unpainted.

Section E

Shop Tools & Equipment

Look!
Fresh out of the crate!!
What's New In this Section?
We've highlighted new-product lines in this section with a "New" logo.
Please Note: Many existing product lines have been expanded and may not be listed on this quick index.
FRAGILE
HANDLE WITH CARE
Product Line
Ridgid Tools — Vacuum Cleaners.....E50 - E51
Section E
Gregg Distributors Ltd.

1.5 HP, 4.2 Gallon Air Compressor

•1720 RPM running speed. Quiet operation, longer life •Cast iron cylinder, minimizes wear •Removable cylinder for easy maintenance •Thermally protected 1.5 HP, 115 volt electric motor CSA/US approved •Metal air filter with "Auto Drop" feature •Convenient oil drain on front of unit •Easy view oil sight gauge •High efficiency reed valves for maximum performance •Finned discharge tube, cools air, less moisture in air lines on most units •4.2 gallon tank, 125 PSIG rating •Regulator and gauge included for convenient control of line pressure •Quick coupler included

Part Number	HP	CFM @ 90 PSI	Air Receiver		Dimensions			Weight (lbs.)
			Rated PSI	Capacity	H	L	W	
PC1518L	1.5	3.6	125	4.2 gal	24.5"	18"	17"	60

2 HP, 4.2 Gallon Air Compressor

•1720 RPM running speed. Quiet operation, longer life •Cast iron cylinder, minimizes wear •Removable cylinder for easy maintenance •Thermally protected 2 HP, 115 volt electric motor CSA/US approved •Metal air filter with "Auto Drop" feature •Convenient oil drain on front of unit •Easy view oil sight gauge •High efficiency reed valves for maximum performance •Finned discharge tube, cools air, less moisture in air lines on most units •4.2 gallon tank, 125 PSIG rating •Regulator and gauge included for convenient control of line pressure •Quick coupler included

Part Number	HP	CFM @ 90 PSI	Air Receiver		Dimensions			Weight (lbs.)
			Rated PSI	Capacity	H	L	W	
TS2018L	2	4.2	125	4.2 gal	23"	17"	17"	62

3 HP, 20 Gallon Portable Air Compressor

•Rugged 2 cylinder cast iron compressor •Individual and removable cylinders for smoother and cooler operation •Thermally protected 3 HP 110 volt motor •Metal air filters with "Auto Drop" feature •Convenient oil drain on front of unit •Easy view oil sight gauge •High efficiency reed valves for maximum performance •Efficient heat removal from pulley-fan for cooler running and longer life •Sturdy metal belt guard •20 gallon ASME registered tank •Outlet valve and regulator included

Part Number	HP	CFM @ 100 PSI	Pump Model	Air Receiver		Dimensions			Weight (lbs.)
				Rated PSI	Capacity	H	L	W	
P3120H1	3	6	PV01A	150	20 gal	31"	33"	20"	160

3 HP, 24 Gallon Portable Air Compressor

•Rugged 2 cylinder cast iron compressor •Individual and removable cylinders for smoother and cooler operation •Thermally protected 3 HP 110 volt motor •Metal air filters with "Auto Drop" feature •Convenient oil drain on front of unit •Easy view oil sight gauge •High efficiency reed valves for maximum performance •Efficient heat removal from pulley-fan for cooler running and longer life •Sturdy metal belt guard •24 gallon ASME registered tank •Outlet valve and regulator included

Part Number	HP	CFM @ 100 PSI	Pump Model	Air Receiver		Dimensions			Weight (lbs.)
				Rated PSI	Capacity	H	L	W	
P3124V1	3	6	PV01A	150	24 gal	47"	24"	20"	160

5.5 HP, 10 Gallon Portable Air Compressor

•Rugged 2 cylinder cast iron compressor •Individual and removable cylinders for smoother and cooler operation •5.5 HP Honda engine - the most popular, and maximum reliability •10 gallon capacity twin tanks - the largest in the industry •Pneumatic tire for easy handling and maneuverability •Convenient oil drain on front of unit •Easy view oil sight gauge •Metal intake filters with "Auto-Drop" feature •High efficiency reed valves for maximum performance •Efficient heat removal from pulley-fan for cooler running and longer life •Sturdy metal belt guard •Outlet control regulator with dual quick connectors •Engine slow-down control

Part Number	HP	Maximum Pressure	Pump Model	CFM @ 100 PSI	Tank Size	Dimensions			Weight (lbs.)
						H	L	W	
TT55G	5.5	150 PSI	PV02A	12.5	10 gal	24"	50"	18"	190

5 HP, 60 Gallon Air Compressor

•Rugged 3 cylinder cast iron compressor •Individual and removable cylinders for smoother and cooler operation •No magnetic motor starter required •Heavy duty pressure switch, with on/off switch •Thermally protected 5 HP, 208/230 volt motor •Metal air filters with "Auto Drop" feature •Convenient oil drain on front of unit •Easy view oil sight gauge •High efficiency reed valves for maximum performance •Efficient heat removal from pulley-fan for cooler running and longer life •Sturdy metal belt guard •60 gallon ASME registered tank, 150 PSIG rating •Outlet valve included

Part Number	HP	CFM @ 100 PSI	Pump Model	Air Receiver		Dimensions			Weight (lbs.)
				Rated PSI	Capacity	H	L	W	
C5160V1	5	18.5	PT03A	150	60 gal	66"	30"	20"	280

2 HP, 30 Gallon "Garage Mate" Portable Air Compressor

•For auto body shops, auto repair shops, wood shops, maintenance facilities, small manufacturing facilities, contractors, roofers, carpenters, hobbyists, and homeowners •Will power nailers, staplers, impact wrenches, ratchets, drills, power cleaning equipment, spray painters, and inflators •With oil lube cast-iron pump design

Part Number	Running HP/Peak HP	Tank Size (gallons)	Max. Pressure (PSI)	Delivery (cfm @90 PSI)	Volts	Weight (lbs.)
SS3F2-GM	2/5	30	135	5.7	120	185

2 HP, 24 Gallon "Garage Mate" Portable Air Compressor

•For auto body shops, auto repair shops, wood shops, maintenance facilities, small manufacturing facilities, contractors, roofers, carpenters, hobbyists, and homeowners •Will power nailers, staplers, impact wrenches, ratchets, drills, power cleaning equipment, spray painters, and inflators •With oil lube cast-iron pump design

Part Number	Running HP/Peak HP	Tank Size (gallons)	Max. Pressure (PSI)	Delivery (cfm @90 PSI)	Volts	Weight (lbs.)
SS3R2-GM	2/5	24	135	5.7	120	185

3 HP, 60 Gallon Stationary Single Stage Air Compressor

•For auto body shops, auto repair shops, wood shops, maintenance facilities, dry cleaner stores, car washes, hobbyists, and homeowners •Will power impact wrenches, nailers, sanders, staplers, ratchets, drills, power cleaning equipment, inflators, presses, and spray painters •With oil lube cast-iron pump design

Part Number	Running HP/Peak HP	Tank Size (gallons)	Max. Pressure (PSI)	Delivery (cfm @90 PSI)	Volts	Weight (lbs.)
SS3L3	3/7.9	60	135	11.3	230	300

5 HP, 60 Gallon Stationary Single Stage Air Compressor

•For auto body shops, auto repair shops, wood shops, maintenance facilities, dry cleaner stores, car washes, hobbyists, and homeowners •Will power impact wrenches, nailers, sanders, staplers, ratchets, drills, power cleaning equipment, inflators, presses, and spray painters •With oil lube cast-iron pump design

Part Number	Running HP/Peak HP	Tank Size (gallons)	Max. Pressure (PSI)	Delivery (cfm @90 PSI)	Volts	Weight (lbs.)
SS5L5	5/11.8	60	135	18.1	230	310

2 HP, 4.5 Gallon Twin Stack Portable Air Compressor

•For contractors, roofers, carpenters, hobbyists, and homeowners •Will power roofing nailers, brad nailers, finishing nailers, staplers, impact wrenches, ratchets, drills, power cleaning equipment, and inflators •With oil lube cast-iron pump design

Part Number	Running HP	Tank Size (gallons)	Max. Pressure (PSI)	Delivery (cfm @40 PSI)	Volts	Weight (lbs.)
DD2T2	2	4.5	125	5.3	120	58

3 HP, 8 Gallon "Electric Wheelbarrow" Portable Air Compressor

•For contractors, roofers, carpenters, hobbyists, and homeowners •Will power roofing nailers, brad nailers, finishing nailers, staplers, impact wrenches, ratchets, drills, power cleaning equipment, and inflators •With oil lube cast-iron pump design

Part Number	Running HP/Peak HP	Tank Size (gallons)	Max. Pressure (PSI)	Delivery (cfm @90 PSI)	Volts	Weight (lbs.)
SS3J3-WB	3/6.5	8	135	11.3	230	175

5.5 HP, 8 Gallon "Wheelbarrow" Portable Air Compressor

•For contractors, roofers, carpenters, road maintenance fleet vehicles and utility fleet vehicles •Will power roofing nailers, brad nailers, finishing nailers, staplers, impact wrenches, ratchets, drills, power cleaning equipment, and inflators •With oil lube cast-iron pump design •Powered by a Honda gas engine

Part Number	Running HP	Tank Size (gallons)	Max. Pressure (PSI)	Delivery (cfm @90 PSI)	Volts	Weight (lbs.)
SS3J5.5GH-WB	5.5	8	135	11.8	-	175

Ingersoll Rand

Standard Devair Features:

- Factory mounted and wired magnetic starters (5-15HP only)
- Totally enclosed "easy service" beltguard
- Inlet filter silencer
- Centrifugal pressure lubrication
- Mist feed low oil consumption system
- Oversized main bearings and crankshaft
- Forged steel connecting rods with babbit bearing inserts
- Fully serviceable disc and spring valve assemblies
- ASME approved air receiver with manual drain valve
- Tank pressure gauge
- Pre-set pressure switch
- Check valve
- Safety relief valve

Two Cylinder Vertical & Horizontal Electric Compressors w/ 247 Compressor Pump

This heavy duty compressor offers timeless Devair quality and reliability. As with all Devair air compressors every detail is engineered to the highest standards to ensure it delivers high-quality, reliable, low-oil air. The 247 features specially designed oil control piston rings, cast-iron construction, heavy duty bearings and the unique, time tested Devair "mist feed" centrifugal pressure lubrication system to ensure efficient, long life operation. This two stage compressor incorporates high efficiency intercoolers and load balanced pistons.

ELECTRIC

Vertical - Two Cylinder, Two Stage, 175 PSIG Operation

COMPRESSOR OUTFIT DATA						PUMP DATA		POWER DATA	ACCESSORIES
Part Number	Horse-power	Tank Size (gallons)	DISP (cfm)	DEL (cfm @175)	Weight (lbs.)	Pump Model	RPM	Power	Flex Hose
TAPV-5052-03MS	5	80	23.4	19.1	685	247	635	220V-230V, 1 PH	H-9035
TAPV-5052-41MS	5	80	23.4	19.1	685	247	635	200V-208V, 3 PH	H-9035
TAPV-5052-43MS	5	80	23.4	19.1	685	247	635	230V-240V, 3 PH	H-9035
TASV-5052-03MS	7.5	80	28.9	25.8	700	247	800	220V-230V, 1 PH	H-9035
TASV-5052-41MS	7.5	80	28.9	25.8	700	247	800	200V-208V, 3 PH	H-9035

Horizontal - Two Cylinder, Two Stage, 175 PSIG Operation

TAP-5052-03MS	5	80	23.4	19.1	685	247	635	220V-230V, 1 PH	H-9035
TAP-5052-41MS	5	80	23.4	19.1	685	247	635	200V-208V, 3 PH	H-9035
TAP-5052-43MS	5	80	23.4	19.1	685	247	635	230V-240V, 3 PH	H-9035
TAP-5052-45MS	5	80	23.4	19.1	685	247	635	460V-480V, 3PH	H-9035
TAP-5052-69MS	5	80	23.4	19.1	685	247	635	575V-600V, 3 PH	H-9035
TAS-5052-03MS	7.5	80	28.9	25.8	700	247	800	220V-230V, 1 PH	H-9035
TAS-5052-41MS	7.5	80	28.9	25.8	700	247	800	200V-208V, 3 PH	H-9035
TAS-5052-43MS	7.5	80	28.9	25.8	700	247	800	230V-240V, 3 PH	H-9035
TAS-5052-45MS	7.5	80	28.9	25.8	700	247	800	460V-480V, 3 PH	H-9035

Four Cylinder Vertical & Horizontal Electric Compressors w/ 447 Compressor Pump

ELECTRIC

Devair "V" four cylinder compressors are a classic design proven by decades of use in applications ranging from Automotive Service and Refinishing to Industrial. Devair combines a centrifugal pressurized lubrication system with oversized heavy duty main bearings, precision-lapped valve seats, forged steel connecting rods with babbit type bearing inserts, highly polished oversized journals, and a "V" configuration for maximum cooling efficiency.

Vertical - Four Cylinder, Two Stage, 175 PSIG Operation

COMPRESSOR OUTFIT DATA						PUMP DATA		POWER DATA	ACCESSORIES
Part Number	Horse-power	Tank Size (gallons)	DISP (cfm)	DEL (cfm @175)	Weight (lbs.)	Pump Model	RPM	Power	Flex Hose
VATV-5063-41MS	10	120	43.3	36.5	900	447	590	200V-208V, 3 PH	H-9035
VATV-5063-43MS	10	120	43.3	36.5	900	447	590	230V-240V, 3 PH	H-9035
VATV-5063-45MS	10	120	43.3	36.5	900	447	590	460V-480V, 3 PH	H-9035
VATV-5063-69MS	10	120	43.3	36.5	900	447	590	575V-600V, 3 PH	H-9035
VAVV-5062-41MS	15	120	64.8	51.8	1070	447	880	200V-208V, 3 PH	H-9035
VAVV-5062-43MS	15	120	64.8	51.8	1070	447	880	230V-240V, 3 PH	H-9035
VAVV-5062-45MS	15	120	64.8	51.8	1070	447	880	460V-480V, 3 PH	H-9035
VAVV-5062-69MS	15	120	64.8	51.8	1070	447	880	575V-600V, 3 PH	H-9035

Horizontal - Four Cylinder, Two Stage, 175 PSIG Operation

COMPRESSOR OUTFIT DATA						PUMP DATA		POWER DATA	ACCESSORIES
Part Number	Horse-power	Tank Size (gallons)	DISP (cfm)	DEL (cfm @175)	Weight (lbs.)	Pump Model	RPM	Power	Flex Hose
VAT-5063-41MS	10	120	43.3	36.5	900	447	590	200V-208V, 3 PH	H-9035
VAT-5063-43MS	10	120	43.3	36.5	900	447	590	230V-240V, 3 PH	H-9035
VAT-5063-45MS	10	120	43.3	36.5	900	447	590	460V-480V, 3 PH	H-9035
VAT-5063-69MS	10	120	43.3	36.5	900	447	590	575V-600V, 3 PH	H-9035
VAV-5062-41MS	15	120	64.8	51.8	1070	447	880	200V-208V, 3 PH	H-9035
VAV-5062-43MS	15	120	64.8	51.8	1070	447	880	230V-240V, 3 PH	H-9035
VAV-5062-45MS	15	120	64.8	51.8	1070	447	880	460V-480V, 3 PH	H-9035
VAV-5062-69MS	15	120	64.8	51.8	1070	447	880	575V-600V, 3 PH	H-9035

DEVAIR — HEAVY DUTY

Four Cylinder Horizontal Electric Compressors w/ 447 Compressor Pump

These models feature the proven 447 air compressor pump with added versatility for shops which are totally dependent on their compressed air supply. By simply removing the belts from one pump in the event of a mechanical failure, half the total compressed air requirements can be sustained by the second pump to support vital shop services. Note: Magnetic Starter not included.

ELECTRIC

Horizontal - Four Cylinder, Two Stage, 175 PSIG Operation

COMPRESSOR OUTFIT DATA						PUMP DATA		POWER DATA	ACCESSORIES
Part Number	Horse-power	Tank Size (gallons)	DISP (cfm)	DEL (cfm @175)	Weight (lbs.)	Pump Model	RPM	Power	Flex Hose
VAX-5081-41	25	240	108.2	86.6	2450	(2) 447	735	200V-208V, 3 PH	H-9037
VAX-5081-73	25	240	108.2	86.6	2450	(2) 447	735	230V-460V, 3 PH	H-9037
VAX-5081-69	25	240	108.2	86.6	2450	(2) 447	735	575V-600V, 3 PH	H-9037
VAY-5081-41	30	240	124.1	99.3	2550	(2) 447	845	200V-208V, 3 PH	H-9037
VAY-5081-73	30	240	124.1	99.3	2550	(2) 447	845	230V-460V, 3 PH	H-9037
VAY-5081-69	30	240	124.1	99.3	2550	(2) 447	845	575V-600V, 3 PH	H-9037

Two Cylinder Horizontal Gas Engine Compressor w/ 247 Compressor Pump

GAS ENGINE

Designed for use on service trucks, mobile rigs or in stationary field applications where electric power is not readily available. The model TASE is equipped with a Honda 13 H.P. electric start engine, throttle down control and 30 gallon air receiver. Slow speed and high air delivery.

Horizontal, Two Cylinder, Two Stage, 175 PSIG Operation

COMPRESSOR OUTFIT DATA						PUMP DATA	
Part Number	Horse-power	Tank Size (gallons)	DISP (cfm)	DEL (cfm @175)	Weight (lbs.)	Pump Model	RPM
TASE-5030	13	30	28.9	25.8	517	247	700

Part No. CPA9400, Clutch Pulley Assembly - field installed option for 13 HP gas engine.

DEVAIR — STANDARD DUTY

5 Hp Electric Air Compressor

•True 5 hp, 19.7 amp commercial motor with internal overload protection •High amp load rated pressure switch •Cast iron, single stage, 3 cylinder pump •60 gallon vertical air receiver •21 CFM* •Starter not required
Part No. IS5-4060-03.

ELECTRIC

5 Hp Electric Air Compressor

•Cast iron, two stage, 3 cylinder pump with oil sight gauge •True 5 hp industrial motor •Magnetic starter and wiring harness installed •80 gallon vertical air receiver •21 CFM*
Part No. IS5-5580-03, Voltage: 230/60/1
Part No. IS5-5580-41, Voltage: 200/60/3
Part No. IS5-5580-43, Voltage: 230/60/3
Part No. IS5-5580-45, Voltage: 460/60/3
Part No. IS5-5580-69, Voltage: 575/60/3

ELECTRIC

7.5 Hp Electric Air Compressor

•Cast iron, two stage, 4 cylinder pump with oil sight gauge •Stainless steel disc valves •Industrial motor •Magnetic starter, and wiring harness installed •80 gallon vertical air receiver •31 CFM*
Part No. IS7-10080-03, Voltage: 230/60/1
Part No. IS7-10080-41, Voltage: 200/60/3
Part No. IS7-10080-43, Voltage: 230/60/3
Part No. IS7-10080-45, Voltage: 460/60/3
Part No. IS7-10080-69, Voltage: 575/60/3

ELECTRIC

11 Hp Gas Engine Air Compressor

•11 hp industrial Honda engine •30 gallon horizontal ASME industrial air receiver •21 CFM* •Electric/GAS starter
Part No. IS11-5530.

GAS ENGINE

*Displacement. Actual air delivery will depend upon conditions of operation.

Refrigerated Compressed Air Dryers

•Handles inlet temperatures up to 180°F (82.2°C) •Freon R134a refrigerant •Insulated secondary heat exchanger with encapsulated stainless steel moisture separator •Fully digital control panel accurately monitors dew point, compressor fan, auto-drain and temperature •Low maintenance •Variable speed fan to maintain balanced dew point; cross ventilated to allow installation close to wall •Remote signal alarm relay •Microprocessor controlled solenoid drain valve with Y trap •Rugged powder coated steel cabinet •Low noise level •Space saving design •Easy access panels for maintenance •Advanced microprocessor controls let you custom tailor your dryer to your system's needs. Monitor and/or control: dew point, compressor, fan, auto-drain, power supply, high temperature limit and general fault. •110 Volt, 1 phase, 60 Hz •½" NPT pipe size

Part Number	Capacity CFM	Height (inches)	Width (inches)	Length (inches)	Weight (lbs.)
HTD18	18	21¾	17-1/3	23-7/8	80
HTD26	26	26	14-3/8	19-5/8	75
HTD37	37	26	14-3/8	19-5/8	80
HTD52	52	26	14-3/8	19-5/8	86

MAINTENANCE KITS (OLD STYLE)

Maintenance kits available for PD (old style) air dryers.
Part No. HITMK1, Maintenance kit for PD20, PD25, PD35.
Part No. HITMK2, Maintenance kit for PD50.

AIR RECEIVERS

Part No. TA-473-1, 120 gallon tank.
Part No. TA-9008-2, 240 gallon tank.

AUTOMATIC DRAIN TRAPS

Drain traps eliminate the need to constantly bleed air through petcocks or spend man hours manually draining receivers, lines and equipment. It is pneumatically operated to cycle with the compressor.
Part No. AD-9400.

DVAIR BY DEVAIR

FLEX HOSE CONNECTORS & ISOLATORS

These items serve to minimize the transmission of compressor generated vibration to supporting structures and to reduce the transmission of sound between the compressor and adjacent work areas. Flex line outlets should always be used in conjunction with foot mount isolators to allow the compressor to float freely on the isolation pads.
Part No. H-9034, 1/2" x 10" flexhose connector.
Part No. H-9035, 3/4" x 11" flexhose connector.
Part No. H-9036, 1" x 12" flexhose connector.
Part No. H-9037, 2" x 12" flexhose connector.
Part No. UDH-9700-K4, Set of 4, vibration isolators.

COMPRESSOR MAINTENANCE KITS

Includes compressor oil, replacement inlet filter and a maintenance decal.
Part No. MK247, Maintenance kit for pump models #247, and #44643.
Part No. MK440, Maintenance kit for pump models #440, and #432.
Part No. MK445, Maintenance kit for pump model #445.
Part No. MK447, Maintenance kit for pump model #447.

COMPRESSED AIR FILTERS, SAF SERIES

Low porosity, low turbulence air filters strip out impurities from the compressed air reducing wear on equipment and preventing contamination of work. Use as a general filter for shop air; a prefilter for high efficiency filters; an afterfilter for pressure-swing desiccant dryers; a point-of-use filter on systems utilizing aftercoolers or dryers. Includes differential pressure gauge and internal automatic drain. Note: Canisters and Elements are sold separately.

1 MICRON ELEMENT

Removes all liquid water, oil aerosols and all solid particles one micron and larger.

Canister Only Part Number	Rated CFM @ 100 psig	Pipe Connector	Dimensions Dia. x Height	1 Micron Element Part Number
SAF-C-18	18	3/8"	3.54 x 8.27	SAF-A-18
SAF-C-35	35	1/2"	3.54 x 8.27	SAF-A-35
SAF-C-64	64	3/4"	3.54 x 10.83	SAF-A-64
SAF-C-120	120	1"	4.72 x 11.61	SAF-A-120
SAF-C-177	177	1"	4.72 x 11.61	SAF-A-177
SAF-C-336	336	1-1/2"	4.72 x 11.61	SAF-A-336
SAF-C-441	441	2"	6.50 x 19.29	SAF-A-441

COMPRESSOR PUMPS - TWO STAGE, 175 PSIG OPERATION

Precision built for efficiency which means low cost operation and long life.

Part Number	HP	RPM	DEL (CFM)	Bore (IN)	Stroke (IN)	No. of Cylin.
247-4523	3 5 7.5	350 600 800	10.0 17.1 25.8	4.5 & 2.5	4	2
447-4523	7.5 10 15	445 590 880	26.0 34.0 48.5	4.5 & 2.5	4	4

REMOTE AIR INTAKES

Provide a means for taking cooler, cleaner air from outside the building to lower the compressor operating temperature so it can operate more efficiently. Remote intake setups also serve to reduce compressor noise level in the immediate area and protect the unit from excessive wear. Remote air intake kits come complete with oil wetted air intake filter, adapter plate and fasteners. Connecting PVC piping not included.

Part Number	Filter Assembly	Pump	Dimensions Dia. x H	Connection
358-601	358-401	445	6.88" x 6.68"	3.0" nom.

VALVE REPAIR KITS

Available for most two-stage, cast iron pumps, including four cylinder models. Kit includes valve discs, set screws, valve springs, jam and cap nuts, valve gaskets.
Part No. VRK-247.

CHECK VALVES — TANK MOUNTED

Direct tank mounted check valves are for use on compressor outfits which do not incorporate a check valve manifold. The check valve allows air to flow from the pump into the air receiver but not in the opposite direction.
Part No. CCV-9401, 1/2" tube x 1/2" NPT.
Part No. CCV-9403, 3/4" NPT (F) x 3/4" NPT (M).
Part No. CCV-9406, 3/4" tube x 3/4" NPT (M).
Part No. CCV-9408, 1" NPT (M) x 3/4" tube.

PRESSURE SWITCHES

Designed to provide an automatic system of maintaining pressure between two preset pressure settings. An automatic unloader valve prevents the compressor from starting under load.

Part Number	Preset	Range	Adjustable	
			Differential	Unloader
SSS-9002-U7090	70/90 psi	40-140 psi	30-40	Yes
SSS-9003-115-150	115/150 psi	115-175 psi	35-55	No
SSS-9003-U115-150	115/150 psi	115-175 psi	35-55	Yes

Quiet Rotary Screw Air Compressors

Engineered for high performance, efficiency and reliability, the Chicago Pneumatic line of QRS rotary screw air compressors can meet the compressed air demands of any auto or truck tire shop, auto maintenance shop, vehicle body and paint shop or automotive dealership. The QRS is efficiently packaged making installation and operation simple for every service or repair operation. The QRS compressor is mounted on an ASME/CRN approved air tank and is completely pre-piped, pre-wired and factory tested before it is delivered to your door. All air connections have been optimized to minimize pressure drops and reduce the potential for air leaks.

With the compact space saving design and quiet operation, the QRS can easily be installed just about anywhere you can find space in your shop. The integrated design of the QRS provides clean, cool and dry high quality air that protects your air tools, shop equipment and body work and paint spray operations from harmful moisture, dirt, and heat. The QRS HP model is a complete air compressor package with an integral air/oil cooling system, full voltage starter with fused protection, TEFC (totally enclosed fan cooled) drive motor and low sound enclosure all mounted on an approved air receiver tank. The QRS HPD is equipped with a factory mounted refrigerated air dryer that removes moisture to a dew point of 39°F. The QRS package is assembled and tested at the factory ensuring a precise matching of all components.

PART NO.	DESCRIPTION	HORSE-POWER	CFM @ 150 psig	CFM @ 125 psig	MAX. PRESSURE	HORIZONTAL TANK (gal)	dbA Enclosed	Dimensions: L x W x H
1 PHASE AIR COMPRESSORS								
QRS3.0HP-1	3 hp, 1 phase rotary screw air compressor	3	8.5	n/a	150	60	61	56 x 22 x 50
QRS5.0HP-1	5 hp, 1 phase rotary screw air compressor	5	16.6	n/a	150	60	62	56 x 22 x 50
QRS7.5HP-1	7.5 hp, 1 phase rotary screw air compressor	7.5	21.2	n/a	150	60	64	56 x 22 x 50
3 PHASE AIR COMPRESSORS								
QRS3.0HP-3	3 hp, 3 phase rotary screw air compressor	3	8.5	n/a	150	60	61	56 x 22 x 50
QRS5.0HP-3	5 hp, 3 phase rotary screw air compressor	5	16.6	n/a	150	60	62	56 x 22 x 50
QRS7.5HP-3	7.5 hp, 3 phase rotary screw air compressor	7.5	21.2	n/a	150	60	64	56 x 22 x 50
QRS10HP-3	10 hp, 3 phase rotary screw air compressor	10	30	36	128/150	120	66	73 x 24 x 58
QRS15HP-3	15 hp, 3 phase rotary screw air compressor	15	45	51	128/150	120	68	73 x 24 x 58
1 PHASE AIR COMPRESSORS w/ DRYER								
QRS3.0HPD-1	3 hp, 1 phase rotary screw air comp. w/ dryer	3	8.5	n/a	150	60	61	56 x 22 x 50
QRS5.0HPD-1	5 hp, 1 phase rotary screw air comp. w/ dryer	5	16.6	n/a	150	60	62	56 x 22 x 50
QRS7.5HPD-1	7.5 hp, 1 phase rotary screw air comp. w/ dryer	7.5	21.2	n/a	150	60	64	56 x 22 x 50
3 PHASE AIR COMPRESSORS w/ DRYER								
QRS3.0HPD-3	3 hp, 3 phase rotary screw air comp. w/ dryer	3	8.5	n/a	150	60	61	56 x 22 x 50
QRS5.0HPD-3	5 hp, 3 phase rotary screw air comp. w/ dryer	5	16.6	n/a	150	60	62	56 x 22 x 50
QRS7.5 HPD-3	7.5 hp, 3 phase rotary screw air comp. w/ dryer	7.5	21.2	n/a	150	60	64	56 x 22 x 50
QRS10HPD-3	10 hp, 3 phase rotary screw air comp. w/ dryer	10	30	36	128/150	120	66	73 x 24 x 58
QRS15HPD-3	15 hp, 3 phase rotary screw air comp. w/ dryer	15	45	51	128/150	120	68	73 x 24 x 58
575 VOLT AIR COMPRESSORS								
QRS3.0HP-575V	3 hp, 575 volt rotary screw air compressor	3	8.5	n/a	150	60	61	56 x 22 x 50
QRS5.0HP-575V	5 hp, 575 volt rotary screw air compressor	5	16.6	n/a	150	60	62	56 x 22 x 50
QRS7.5HP-575V	7.5 hp, 575 volt rotary screw air compressor	7.5	21.2	n/a	150	60	64	56 x 22 x 50
QRS10HP-575V	10 hp, 575 volt rotary screw air compressor	10	30	36	128/150	120	66	73 x 24 x 58
QRS15HP-575V	15 hp, 575 volt rotary screw air compressor	15	45	51	128/150	120	68	73 x 24 x 58
575 VOLT AIR COMPRESSORS w/ DRYER								
QRS3.0HPD-575V	3 hp, 575 volt rotary screw air comp. w/ dryer	3	8.5	n/a	150	60	61	56 x 22 x 50
QRS5.0HPD-575V	5 hp, 575 volt rotary screw air comp. w/ dryer	5	16.6	n/a	150	60	62	56 x 22 x 50
QRS7.5HPD-575V	7.5 hp, 575 volt rotary screw air comp. w/ dryer	7.5	21.2	n/a	150	60	64	56 x 22 x 50
QRS10HPD-575V	10 hp, 575 volt rotary screw air comp. w/ dryer	10	30	36	128/150	120	66	73 x 24 x 58
QRS15HPD-575V	15 hp, 575 volt rotary screw air comp. w/ dryer	15	45	51	128/150	120	68	73 x 24 x 58

NOTES:
1. 230 volt single phase models available in 3, 5, and 7.5 horsepower.
2. QRS3.0-15 tri-voltage 3-phase motors and starters can be changed to 208 volt, 230 volt or 460 volt in the control panel.
3. QRS3.0-7.5 factory connected for 460 volt, QRS10-15 factory connected for 230 volt.
4. QRS shipped with factory fill of QRS-4000 lubricant suitable for 4000 hours operation in clean environment.
5. HPD models with refrigerated air dryer include timer operated moisture condensate drain.
6. Air receiver tanks include factory mounted manual drain and valve.
7. QRS includes spare fuses and jumpers for voltage conversions.
8. Adapter fittings for airline connections to ½ inch NPT included.

Chicago Pneumatic

Accessories for Quiet Rotary Screw Air Compressors

PART NO.	DESCRIPTION
8940161855	5 litre QRS-4000 compressor lube
8940161856	Oil filter for QRS
8940161857	Air filter for QRS
8940161858	Oil separator for QRS
8940161859	V-belt for 3 hp - 5 hp units
8940161860	V-belt for 7.5 hp units
8940161852*	1 year service kit for 3 hp - 7 hp units
8940161853*	2 year service kit for 3 hp - 5 hp units
8940161854*	2 year service kit for 7 hp units
8940161653	QRS 53-04 float drain, ¼"
8940161654	QRS 57-02 auto drain, ¼"

*1 & 2 Year Maintenance Kits make service easy. Order one year service kit which includes 5 litres of lubricant, enough for 1 to 2 oil changes, 1 oil filter and 1 air filter. The two year kit includes spare belts and oil separator which only need to be changed when the belts show wear or oil carryover becomes evident in the receiver tank.

Consumer Pressure Washers - Cold Water - Electric

The Zinger Electric is the ideal choice for home pressure washers. Delivering 2.0 gpm at 1000 psi. The ZE comes standard with 36 ft. electrical cord allowing cleaning all around your home and yard. Having a built in GFI on the ZE protects you and your pressure washer from electrical shorts. Unit comes complete with 25 ft. x 3/8" I.D. high pressure hose, trigger gun, 31" wand, 15° spray nozzle.
Part No. ZE2-1100.

Technical Data:
Operating Pressure: 1000 psi
Water Volume: 2.0 gpm
Max. Water Supply Temp.: 140°F
Electrical Data: 1.5 hp, 120V, Baldor motor
Pump Type: Tri-plunger, oil bath
Weight: 61 lbs.

The Formula 100 pressure washer is great for use around the home or farm. Delivering 2.1 gpm at 1000 psi makes this a versatile unit. With fully adjustable pressure, this unit will do everything from a gentle wash to powerful dirt blasting. Unit comes complete with 25 ft. high pressure hose, trigger gun, variable pressure wand, and spray nozzle.
Part No. F100.

Technical Data:
Operating Pressure: 0-1000 psi
Water Volume: 2.1 gpm
Max. Water Supply Temp.: 140°F
Electrical Data: 1.5 hp, 115V, 15 amp
Pump Type: General brand Tri-Plex ceramic plunger
Weight: 32 lbs.

For portability nothing beats the Turbo 21. The Turbo 21 is the sharpest looking most portable washer around. With a 2.1 gpm at 1000 psi output, the Turbo 21 can give you the power needed when you need it. With a variable fan nozzle to give you added cleaning flexibility. Unit comes complete with 25 ft. high pressure hose, trigger gun, variable pressure wand, and spray nozzle.
Part No. T21.

Technical Data:
Operating Pressure: 1000 psi
Water Volume: 2.1 gpm
Max. Water Supply Temp.: 140°F
Electrical Data: 1.5 hp, 115V, 15 amp
Pump Type: General brand Tri-Plex ceramic plunger
Weight: 43 lbs.

Consumer - Cold Water - Gas

The Landa GC series of washer is an excellent choice for the consumer that requires the versatility of a gas powered washer but an economical price. These units are powered by a Honda GC series engine driving an AR pump. Unit comes complete with 50 ft. high pressure hose with quick disconnect, insulated shut off gun and 36" wand. Heavy duty wheel kit with pneumatic tires. 3 high pressure nozzles, 1 soap nozzle. Downstream chemical injector and variable pressure control.
Part No. GC-2305B, 5 HP, 2.4 gpm @ 2300 psi.
Part No. GC-2705B, 6 HP, 2.4 gpm @ 2700 psi.

Industrial - Cold Water - Electric - Portable

The Landa PE series of washer is the "beefiest" unit of Landa's belt-drive, cold water pressure washer line. Only the highest quality components are used on the PE, including the General tri-plex high pressure pump with 5 year warranty, industrial duty Baldor motor with 2 year warranty, durable steel frame with welded seams, and stainless steel point-and-shoot wand for cleaning effectiveness. In addition to being certified to the rigid UL-1776 safety standards, the PE has a 24" hose guard for burst protection and trilingual operating instructions for owner liability assurance. Chrome plated handles on both front and back for easy vehicle loading. Tubed pneumatic tires make for easy maneuvering in any terrain and there are two shock absorbing spring loaded rubber feet to keep the PE from "walking" while in operation. Unit comes with 50 ft. high pressure hose, trigger gun, spray wand, and four nozzles.

PART NO.	Operating Pressure	Water Volume	Max. Water Supply Temp.	Electrical Data	Pump Type	Weight
PE4-20021AM	2000 psi	4.2 gpm	140°F	230V, 1 phase	General tri-plex	270 lbs.
PE4-20021BM	2000 psi	4.2 gpm	140°F	230V, 3 phase	General tri-plex	220 lbs.

Industrial - Cold Water - Electric - Portable

The Landa PJE Powerjet series is a heavy duty industrial cleaning washer. Features: heavy duty electric motors, General tri-plex ceramic plunger pump, variable pressure control and thermal pump protector. Unit comes complete with 50 ft. 3/8" I.D. high pressure hose, trigger gun, 36" insulated wand, 4 spray nozzles, chemical injector.

PART NO.	Operating Pressure	Water Volume	Max. Water Supply Temp.	Electrical Data	Pump Type	Weight
PJE-1000	1000 psi	2.1 gpm	140°F	1.5 hp, 115V, 1 phase	Tri-plunger, oil bath	99 lbs.
PJE-1500	1500 psi	3 gpm	140°F	3 hp, 230V, 1 phase	Tri-plunger, oil bath	121 lbs.
PJE-2000	2000 psi	3.5 gpm	140°F	5 hp, 230V, 1 phase	Tri-plunger, oil bath	176 lbs.
PJE-3000	3000 psi	4 gpm	140°F	7.5 hp, 230V, 3 phase	Tri-plunger, oil bath	209 lbs.

Industrial – Cold Water – Electric – Stationary

The Landa SE series delivers the quietest pressure washing in the industry. Designed for indoor use, these units are ideal for operating where noise and fossil fuel emissions are a concern or are prohibited. This series offers the most extensive array of features including: pressure relief system, remote operation, time-delay shut down and much more. Unit comes complete with 50 ft. 3/8" I.D. high pressure hose, trigger gun, variable pressure wand, 4 spray tips, chemical injector.

PART NO.	Operating Pressure	Water Volume	Max. Water Supply Temp.	Electrical Data	Pump Type	Weight
SEA3-1100	1000 psi	2.5 gpm	180°F	2 hp, 120V, 17 amp Baldor motor	Tri-plunger, oil bath	180 lbs.
SEA4-2000	2000 psi	4.2 gpm	180°F	6 hp, 230V, 1 phase Baldor motor	Tri-plunger, oil bath	220 lbs.
SEA4-3000	3000 psi	3.5 gpm	180°F	7.5 hp, 230V, 3 phase Baldor motor	Tri-plunger, oil bath	270 lbs.

Industrial – Cold Water – Gas Driven – Portable

The PJ series washers are an excellent choice for the user who has to work in various places where power is not available and full portability is a concern. All PJ series washers utilize a Honda gas engine hooked via direct drive to the pump for added durability and dependability. Unit comes complete with 50 ft. 3/8" I.D. high pressure hose, trigger gun, 36" wand, 4 spray tips, chemical injector.

PART NO.	Operating Pressure	Water Volume	Max. Water Supply Temp.	Electrical Data	Pump Type	Weight
PJG-1500	1500 psi	3 gpm	140°F	5.5 hp Honda engine	Tri-plunger, oil bath	88 lbs.
PJG-2000	2000 psi	2.8 gpm	140°F	5.5 hp Honda engine	Tri-plunger, oil bath	92 lbs.
PJG-2500	2500 psi	3.5 gpm	140°F	9 hp Honda engine	Tri-plunger, oil bath	132 lbs.
PJG-3000	3000 psi	4 gpm	140°F	11 hp Honda engine	Tri-plunger, oil bath	143 lbs.

Industrial – Cold Water – Gas Driven – Portable

MP series 5000 psi cold water pressure washer is gas driven, delivers 4.5 gpm. Units come complete with 50 ft. of hose, 4 tips, and spray wand. With electric start.
Part No. MP4-5500.

Technical Data:
Operating Pressure: 5000 psi
Water Volume: 4.5 gpm
Engine Data: 24 hp Honda engine
Pump Type: Tri-plex
Weight: 460 lbs.

Same as #MP4-5500 except with electric motor.
Part No. MPE5-5000.

Technical Data:
Operating Pressure: 5000 psi
Water Volume: 5 gpm
Motor: 20 hp Baldor
Electrical Data: 230V, 3 phase
Pump Type: Tri-plunger, oil bath
Weight: 460 lbs.

Hot Water Generators

PORTABLE OIL FIRED ELECTRIC HOT WATER GENERATOR

This unit is capable of pressures to 3000 psi with a rating of 420,000 BTUs. Comes with 2 ply pneumatic tires, flow switch control. Unit will burn kerosene, stove oil, diesel; comes with 120V/1 ph 5 amp motor.
Part No. HS-3000.

STATIONARY NATURAL GAS FIRED HOT WATER GENERATOR

This unit requires no electricity as it operates on a milivoltage system. The unit is CGA approved and comes complete with flow switch, draft diverter, high limit thermal control switch. Capable of 3000 psi maximum pressure with a maximum of 420,000 BTUs.
Part No. NG-3000.

STATIONARY PROPANE FIRED HOT WATER GENERATOR

The Landa stationary propane fired hot water generator is a manual light unit with working pressures to 3000 psi maximum and a maximum of 420,000 BTUs, and offers the same features as the #NG-3000 natural gas unit. This unit is also fully CGA approved.
Part No. LP-3000.

Hot Water – Electric – Oil Fired – Portable

These units are economically priced — but they have Landa quality from top to bottom. No other hot water washer offers as many standard features such as belt drive pump, variable pressure wand, downstream chemical injector, high temperature shut down switch and more. These units are portable and come with pneumatic tires. Unit comes complete with 50 ft. 3/8" I.D. high pressure hose, trigger gun, variable pressure wand and spray nozzle.

PART NO.	Operating Pressure	Water Volume	Operating Temperature	Electrical Data	Pump Type	Fuel Tank Capacity in gallons	Fuel Consumption	Weight
HOT2-1100	1000 psi	2 gpm	200°F, 154,000 BTUs	1.5 hp, 120V/1 phase, 18 amp	Tri-plunger	5.5	1.10 gph	440 lbs.
HOT4-2000	2000 psi	3.5 gpm	200°F, 280,000 BTUs	5 hp, 230V/1 phase, 25 amp	Tri-plunger	5.5	2 gph	495 lbs.

Hot Water – Electric – Oil Fired – Portable

The Landa OHW series hot water washer is another top quality product. Features: Landa belt drive tri-plex ceramic plunger pump, 399,000 BTU burner system, 36 ft. electrical cord, and pneumatic tires. This unit has all the tools to get the job done. Unit comes complete with 50 ft. 3/8" high pressure hose, insulated trigger gun, variable pressure wand, nozzle, chemical injector.

PART NO.	Operating Pressure	Water Volume	Operating Temperature	Electrical Data	Pump Type	Fuel Tank Capacity in gallons	Fuel Consumption	Weight
OHW4-2000-1	2000 psi	4.2 gpm	200°F	6 hp, 230V/1 phase, 29 amp	Tri-Plex ceramic plunger	11	2.85 gph	590 lbs.
OHW4-2000-3	2000 psi	4.2 gpm	200°F	6 hp, 230V/3 phase, 19 amp	Tri-Plex ceramic plunger	11	2.85 gph	590 lbs.

hose reel not included

Hot Water – Electric – Natural Gas Fired – Stationary

The VHG, with its fuel efficient burner and vertical hot water coil, is the most compact natural gas hot water pressure washer on the market today yet is packed with Landa quality. Only 24 inches wide, 53 inches long and stands 48-5/8 inches high. With safety features including a rupture disk and thermal pump protector to prevent the build up of excessive pressures or heat. Complete with trigger gun, variable pressure wand, and four nozzles.

PART NO.	Operating Pressure	Water Volume	Electrical Data	Pump Type	Weight
VHG4-2000-1	2000	3.5 gpm	230V, 1 phase, 25 amp, 5 HP	Landa tri-plunger pump	730 lbs.
VHG4-2200-1	2200	4.0 gpm	230V, 1 phase, 27 amp, 6 HP	Landa tri-plunger pump	735 lbs.
VHG4-2200-3	2200	4.0 gpm	230V, 3 phase, 15 amp, 6 HP	Landa tri-plunger pump	735 lbs.
VHG4-3000-1	3000	3.5 gpm	230V, 1 phase, 36 amp, 7.5 HP	Landa tri-plunger pump	745 lbs.
VHG4-3000-3	3000	3.5 gpm	230V, 3 phase, 25 amp, 7.5 HP	Landa tri-plunger pump	745 lbs.
VHG5-3000-3	3000	4.8 gpm	230V, 3 phase, 29 amp, 10 HP	Landa tri-plunger pump	755 lbs.

Hot Water/Steam – Electric – Oil Fired – Portable

For nearly a quarter of a century, the PHWS has been the flagship of the Landa hot water pressure washer line. Through the years the PHWS has become renowned for its quality, innovation and safety: QUALITY: Packed with Landa quality throughout, the PHWS is heated by diesel or fuel oil using a high-efficiency Beckett burner. Features a belt drive, tri-plunger pump with low RPM for extended life; detergent metering valve for convenience in adjusting the flow of the soap; and an extra rugged fuel-water separator for burner protection. INNOVATION: Has a slide-out service platform and a quick-access coil design. The balanced distribution of weight, tubed pneumatic tires and easy-grip handles allow for easy maneuvering. The fuel line is positioned in such a way to prevent damage from debris. SAFETY: The PHWS is certified to the rigid UL-1776 safety standards and features motor thermal overload protection, a rupture disk attached to the heating coil, thermal pump protector, time-delay shutdown, 24" hose guard, magnetic starter and ground fault circuit interrupter on 1-phase models. Complete with 50 ft. high pressure hose, trigger gun, variable pressure wand, 4 spray nozzles, chemical injector.

PART NO.	Operating Pressure	Water Volume	Operating Temperature (ambient to)	Electrical Data	Pump Type	Fuel Tank Capacity in gallons	Fuel Consumption	Weight
PHWS3-1100	1000 psi	2.5 gpm	275°F steam	2 hp, 120V Baldor motor	Tri-Plex ceramic plunger	11	1 gph	530 lbs.
PHWS4-2000-1	2000 psi	4.2 gpm	275°F steam	6 hp, 230V/1 phase Baldor motor	Tri-Plex ceramic plunger	11	2.25 gph	610 lbs.
PHWS4-2000-3	2000 psi	4.2 gpm	275°F steam	6 hp, 230V/3 phase Baldor motor	Tri-Plex ceramic plunger	11	2.25 gph	610 lbs.
PHWS4-3000	3000 psi	4.0 gpm	275°F steam	8 hp, 230V/3 phase Baldor motor	Tri-Plex ceramic plunger	11	1.75 gph	640 lbs.
PHWS5-3000	3000 psi	4.8 gpm	275°F steam	10 hp, 230V/3 phase Baldor motor	Tri-Plex ceramic plunger	11	2.5 gph	650 lbs.

Hot Water – Gas Driven – Oil Fired – Portable

The "Commando" rules in the mini gas powered hot water market. Featuring a power range of up to 3.8 GPM and 3500 PSI. Feature a beefy frame made of 1-1/4" square steel tubing, 13" tires for stability and ease in manoeuvring, and direct drive high pressure pump. The easy access 12 VDC burner make the "Commando" a tech's dream. Unit comes complete with 50 ft. high pressure hose, trigger gun, variable pressure wand, 4 spray nozzles, chemical injector.

hose reel not included

PART NO.	Operating Pressure	Water Volume	Engine Data	Pump Type	Burner Fuel Tank Capacity in gallons	Burner Fuel Consump-tion	Weight
MVC3-3000	3000 psi	3.0 gpm	9 hp Honda with recoil start	Direct drive, Tri-Plex	1.6	1 gph	525 lbs.
MVC4-3000	3000 psi	3.5 gpm	11 hp Honda with electric start	Direct drive, Tri-Plex	1.85	1 gph	590 lbs.
MVC4-3500	3500 psi	3.8 gpm	13 hp Honda with recoil start	Direct drive, Tri-Plex	1.85	1 gph	595 lbs.

Hot Water/Steam – Gas/Diesel Driven – Oil Fired – Skid Mount

Landa's iron-tough PGHW mobile skid hot water/steam washers deliver up to 3000 psi at 4.8 gpm worth of cleaning muscle. The PGHW will tackle jobs where electricity is not available and becomes a self contained unit when mounted with a water tank on a truck or trailer. These units feature total relief system, hour meter, remote pressure control, and steam combination. Unit comes complete with 50 ft. high pressure hose, trigger gun, variable pressure wand, 4 spray nozzles, chemical injector.

PART NO.	Operating Pressure	Water Volume	Operating Temperature (ambient to)	Engine Data	Pump Type	Fuel Tank Capacity in gallons	Fuel Con-sumption	Weight
PGHW5-3000	3000 psi	4.8 gpm	275°F steam	16 hp twin Briggs Vanguard	Tri-Plex ceramic plunger	10	2.5 gph	680 lbs.

Hot Water/Steam – Electric – Natural Gas Fired – Stationary

Landa's VNG series pressure washers combine clean burning fuel and industrial power for the absolute best in stationary cleaning. The VNG series features include adjustable thermostat, time delay shut-down, fully enclosed cabinet and a remote control. Unit comes complete with 50 ft. high pressure hose, trigger gun, variable pressure wand, 4 spray nozzles, chemical injector.

PART NO.	Operating Pressure	Water Volume	Operating Temperature (ambient to)	Electrical Data	Weight
VNG8-3000	3000 psi	8 gpm 250°F steam	200° -	20 hp, 230V/3 phase Baldor motor	1845 lbs.
VNG6-3000	3000 psi	5.2 gpm	250°F steam	15 hp, 230V/3 phase Baldor motor	1800 lbs.

Sandblasting System

The Landa Sandblasting System is designed to inject sand into the stream of water being created by the pressure washer. The pressure washer acts as a compressor to draw the sand into a mixing chamber and propel it at a velocity sufficient to become abrasive to the surface being cleaned. Features include: On-off sand control valve, face shield, 25 ft. sandblast hose and couplings, tungsten carbide sand nozzle, sand probe.

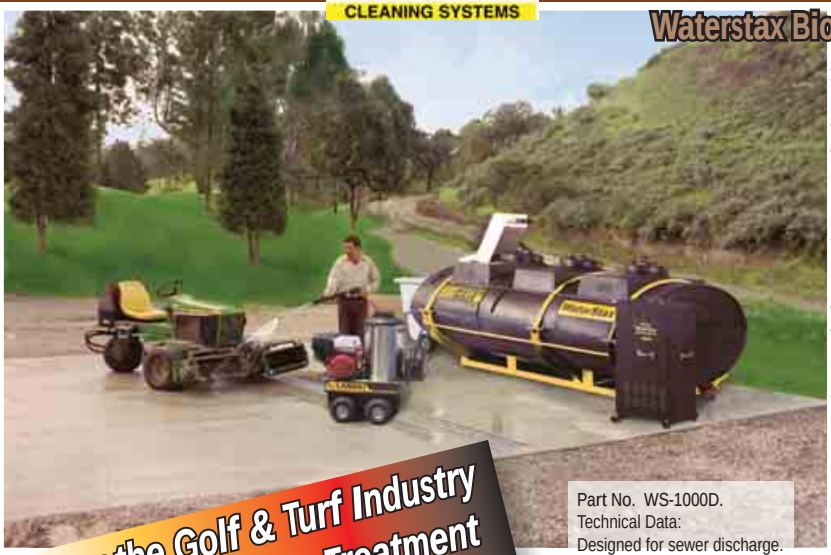
Part No. 4-011201, Sandblast system c/w sand pot
Part No. 4-011211, Sandblast system c/w sand probe
Part No. 4-011200, Economy sandblast system c/w sand probe

Recommended: 2000 psi @ 4 gpm.

LANDA CLEANING SYSTEMS

LANDA

Waterstax Bioremediation Water Recyclinng System



For the Golf & Turf Industry — Wash Water Treatment & Recycling System

A new low cost and low maintenance method of treating wash water. WaterStax bioremediation technology removes oil, grease, hydrocarbons, and grass clippings from waste water.
WaterStax literally consumes the wastes — converting it into harmless water and carbon dioxide. The water is cleaned in several stages:
•SOLID SEPARATION:
Dirt, sand, and grass are removed from the wash water. The small amount of sludge is easily removed through a port at the bottom of each tank.
•BIO-TREATMENT:
BioStax 900, a proprietary liquid solution of microbes, breaks down the waste into harmless substances consisting mainly of carbon dioxide and water.
•POLISH:
Lastly, the water is polished with aeration and additional bioremediation in the third tank before discharge.
•FINAL POLISHING:
In the recycling system, the water is polished using ozone created from a corona discharge generator.

The WaterStax system is easy to operate and requires only a minimal amount of maintenance.

Part No. WS-1000D.
Technical Data:
Designed for sewer discharge.
Daily Capacity: 1000 GAS
Flow Capacity: 10 - 15 gpm
Electrical Data: 120V, 1 phase, 20 amp
Number of Tanks: 3
Tank Capacity: 1200 gallons

Bio-Puck HC & Coil Clean

Size Of Pit	How Many Pucks Needed Per Month	How Often To Apply
1 - 1000 gallons	1	1 each month
1000 - 2500 gallons	2	1 every 2 weeks
Over 2500 gallons	3	1 every 10 days

COIL CLEAN - Removes lime and scale build-up and restores heating coil efficiency.
Part No. 9-028008.

Landa's new Bio-Puck HC (hydrocarbon) is an easy and effective way to dramatically reduce oil and other hydrocarbons in a wash water collection pit or oil-water separator. Simply drop a puck into the oily water and the bacteria goes to work consuming the hydrocarbons and oily waste, thus reducing the disposal frequency and fees usually associated with oil-water separators and collection pits.
•Temperature: working range 5°C-45°C, optimum range 28°C.
•pH: working range 6.5 - 8.5; optimum range 7.0 - 7.5.
•Nutrients: Nitrogen 50-100 ppm
•Phosphorous: 50-100 ppm
•BioPuck HC is especially effective in degrading: Hydrocarbons, gasoline, diesel, jet fuel, motor oil, heating oil, lubricating oil, crude oil, paraffin, and others...
Part No. 9-0290011, The Bio-Puck HC comes in a 4-puck package with four containment nets and a BioNutrient additive.

MIRAGE

•Solvent free
•Safe & Biodegradable
•Automatic

Jet Wash Hot Water Parts Washers

AUTOMATIC HOT WATER PARTS WASHER
Clean parts in minutes with hot water and biodegradable detergents. NO MORE SOLVENTS. Simply put parts in the washer, close the door, set the timer, and work on something else!
Part No. 525.

Technical Data:
Operating Pressure: 40 psi
Water Volume: 36 gpm
Solution Capacity: 25 gallons
Turntable Load Limit: 300 lbs.
Turntable: 24" diameter
Working Height: 18"
Voltage: 230V/1/3 phase
Operating Temperature: 170°F

FRONT LOAD WASHER
Features heavy duty turntable on door for easy loading. Labyrinth door seal and heavy duty construction throughout.
Part No. 625.

Technical Data:
Operating Pressure: 45 psi
Water Volume: 50 gpm
Solution Capacity: 50 gallons
Turntable Load Limit: 500 lbs.
Turntable: 26" diameter
Working Height: 32"
Voltage: 230V/1/3 phase
Operating Temperature: 170°F

FRONT LOAD WASHER
Same as #625 except this unit has an insulated cabinet and larger solution capacity.
Part No. 678.

Technical Data:
Operating Pressure: 45 psi
Water Volume: 50 gpm
Solution Capacity: 70 gallons
Turntable Load Limit: 500 lbs.
Turntable: 26" diameter
Working Height: 32"
Voltage: 230V/1/3 phase
Operating Temperature: 170°F

HEAVY DUTY PARTS WASHER
Heavy duty model hot water pressure washer for heavy service application.
Part No. 725.

Technical Data:
Operating Pressure: 60 psi
Water Volume: 90 gpm
Solution Capacity: 70 gallons
Turntable Load Limit: 800 lbs.
Turntable: 26" diameter
Working Height: 40"
Voltage: 230V/1/3 phase
Operating Temperature: 170°F

Pressure Washer Accessories

QUICK COUPLERS

Brass Couplers •Precision brass design •Unrestricted free flow •4000 psi max
Part No. 2-2000, 1/4" NPT female coupler body
Part No. 2-2001, 1/4" NPT male coupler body
Part No. 2-2002, 3/8" NPT female coupler body
Part No. 2-2003, 3/8" NPT male coupler body

Steel Nipples •Zinc plated •Hardened steel •4000 psi max
Part No. 2-2004, 1/4" NPT female coupler tip
Part No. 2-2005, 1/4" NPT male coupler tip
Part No. 2-2006, 3/8" NPT female coupler tip
Part No. 2-2007, 3/8" NPT male coupler tip

CHEMICAL INJECTOR KITS

Part No. 4-011191-1-8, Downstream chemical injector kit for 4-6 gpm

Part No. 4-011191-2-1, Downstream chemical injector kit for 3-4 gpm

Part No. 4-011191-2-3, Downstream chemical injector kit for 2-3 gpm

PTP PUMP PROTECTOR

•Protects against damaging heat when pump is in bypass •Stainless and brass construction •Resettable
Part No. 2-30082, 1/2" MPT, 140°F.

RUPTURE DISK

•Prevents dangerous thermal expansion of water in the coil •Ensures operator safety
Part No. 2-3409.

O-RINGS

HNBR O-Rings •Last longer with hot water than any other •HNBR is an EPDM and nitrile compound
Part No. 2-0119, 1/4" O-ring
Part No. 2-0121, 3/8" O-ring

INLET WATER SCREENS

•Inlet water screens •Stainless steel mesh •Saves life of pump
Part No. 2-1902, Strainer, inlet garden hose.
Part No. 2-1906, Strainer, 1/2" basket.

FLOAT VALVE

Fluidmaster Valve
•Maintains water level in front tank
Part No. 2-3014.

POP-OFF VALVES

•Prevents pressure overloads, protecting people and equipment •Machined brass •Automatically resets •3/8" MPT
Part No. 81-22560, Red spring, 2400 max psi.
Part No. 81-22565, Orange spring, 3600 max psi.

FLUE ADAPTER

•Used to vent exhaust from horizontal hot water machines •Hot dipped galvanized •Adapts to standard stove pipe
Part No. 30-199, New style kit, 8" without stack.

TRIGGER GUNS

Suttner ST-1500 Trigger Gun - Economical and ergonomic •Powerful enough to handle 3000 psi. •3/8" FPT inlet x 1/4" FPT outlet •Max. 300°F •Max. 7 GPM.
Part No. 4-01205.
Part No. 84-202000044, Repair Kit.

Giant Gun - Heavy duty gun for industrial applications •Fatigue free easy pull trigger •Reinforced plastic handle •Brass valve housing •Brass outlet tube •3/8" FPT inlet x 1/4" FPT outlet •5000 psi •Max. 300°F •Max. 10 GPM.
Part No. 81-21250.
Part No. 81-21227, Repair Kit.

J.E. Adams Gun - With its vented handle, this gun stays cool when used with hot water •Plastic handle •3/8" FPT inlet x 1/4" FPToutlet •4500 psi •Max. 300°F •Max. 12 GPM.
Part No. 85-5030.
Part No. 85-5044, Repair Kit.

SPRAY WANDS

Insulated Wands - Plated steel tube construction.
Part No. 85-5170D24, 24".
Part No. 85-5170D36, 36".
Part No. 85-5170D48, 48".
Part No. 85-5170D60, 60".
Part No. 85-5170D79, 79".

General Variable Pressure Wands - Stainless seat and stern •Insulated handle •1/8" zinc plated steel tubes •3000 psi •284°F •Comes with coupler/soap nozzle
Part No. 4-011142A, 36" .
Part No. 4-0111421, 72".
Part No. 1-VPKIT, Repair Kit.

NOZZLES

Nozzle for F-100 and T-21 Washers
Part No. 1-98667400.

High Pressure Swivel Nozzle - 1/8" x 1/4"
Part No. 4-01912.

Quick Connect Soap Nozzle - Brass with a large #40 orifice and 65° spray angle •Ideal for low pressure chemical applications
Part No. 4-16540.

1/4" Male Pipe Thread Nozzles - Rated up to 5000 psi •Hardened stainless steel nozzle insert insures consistent accurate orifice size
Part No. 4-01404015, 15° 04 orifice
Part No. 4-01404515, 15° 04.5 orifice
Part No. 4-01405015, 15° 05 orifice
Part No. 4-01406015, 15° 06 orifice

Tube Cleaning Nozzle - Standard sewer nozzle •Blast forward and back •Clears clogs and flushes out lines •4200 psi
Part No. 4-01909, 1/4" female NPT, 06 orifice.
Part No. 84-121370170, 1/8" female NPT, for T-21 washer.

NOZZLES

General Purpose Quick Connect Nozzles - Rated up to 5000 psi •Hardened stainless steel •Fits most 1/4" quick couplers
Part No. 4-12804000, 0° - 04 orifice
Part No. 4-12804500, 0° - 04.5 orifice
Part No. 4-12805500, 0° - 05.5 orifice
Part No. 4-12806000, 0° - 06 orifice
Part No. 4-12810000, 0° - 10 orifice
Part No. 4-12804015, 15° - 04 orifice
Part No. 4-12804515, 15° - 04.5 orifice
Part No. 4-12805515, 15° - 05.5 orifice
Part No. 4-12806015, 15° - 06 orifice
Part No. 4-12810015, 15° - 10 orifice
Part No. 4-12804025, 25° - 04 orifice
Part No. 4-12804525, 25° - 04.5 orifice
Part No. 4-12805525, 25° - 05.5 orifice
Part No. 4-12806025, 25° - 06 orifice
Part No. 4-12810025, 25° - 10 orifice
Part No. 4-12804040, 40° - 04 orifice
Part No. 4-12804540, 40° - 04.5 orifice
Part No. 4-12805540, 40° - 05.5 orifice
Part No. 4-12806040, 40° - 06 orifice
Part No. 4-12810040, 40° - 10 orifice

Spraying Systems Quick Connect Nozzles - Rated up to 4000 psi •Hardened stainless steel •Fits most 1/4" quick couplers
Part No. 4-12815000S, 0° - 15 orifice
Part No. 4-12815015S, 15° - 15 orifice
Part No. 4-12815025S, 25° - 15 orifice
Part No. 4-12815040S, 40° - 15 orifice

General RotoMax Nozzle - 80°C maximum temperature •Replaceable stainless steel orifice •1/4" FPT inlet •3500 psi •Plus unique feature that stops rotation with twist of the nozzle
Part No. 4-2012, Black, 4.2 - 5.5 GPM.
Part No. 4-2013, Blue, 2.9 - 4.0 GPM.
Part No. 4-2014, Red, 2.1 - 2.6 GPM.

NOZZLE FAN SELECTION

Select the nozzle degree, or spray angle, based on your application. Standard nozzle degrees — 0°, 15°, 25°, and 40°. Using the wrong nozzle can damage the surface you are cleaning.

0° — RED
Cutting nozzle. It delivers a concentrated stream that can gouge or cut. It can cut stubborn stains from concrete and other hard surfaces.

25° — GREEN
Flushing nozzle. The most commonly used nozzle for cleaning dirt from siding, sidewalks and metal furniture as well as for wet sweeping leaves.

15° — YELLOW
Chiseling nozzle. Working at a 45° angle, this nozzle works like a scrapper, stripping paint, grease and grime from hard surfaces.

40° — WHITE
Wash nozzle. Its wide spray allows you to wash and rinse a large area fast. It is usually safe with most surfaces, including aluminum siding, windows and vehicles.

PLEASE NOTE: Pictures are for representation purposes only.

LANDA CLEANING SYSTEMS

LANDA
Pressure Washer Accessories

VALVE KITS
Part No. 1-0001, General pump most models T series.
Part No. 1-0123, General pump, EZ series.
Part No. 83-1828, A.R. pump XRCA/XRCV series.
Part No. 83-1864, A.R. pump XTV series.

PLUNGER KITS (Seal Kits)
Part No. 1-0069, General pump 20 mm.
Part No. 1-0097, General pump 15 mm.
Part No. 1-0127, General pump 18 mm.
Part No. 83-1857, A.R. pump XRCA/XRCV series 18 mm.
Part No. 83-1866, A.R. pump XTV series 15 mm.

HEAD RING KITS
Part No. 1-0007, Replacement head ring kit fits most washers.

FLOW SWITCHES
•3600 psi max •8 GPM max flow •80°C max temp •400 Volt/ 3 Amps •3/8" MPT inlet/outlet
Part No. 6-02173, ST-5 Gravity activated (Vertical mount only).
Part No. 6-02175, ST-6 Spring activated (Mounts in any direction).

THERMOPILES
Part No. 7-7036, Replacement thermopile for natural gas washers.

FUEL PUMPS
Part No. 7-0009, Replacement fuel pump for most hot water washers.

FUEL SOLENOIDS
Part No. 7-0009611, Replacement 115V fuel solenoid kit.
Part No. 7-0009622, Replacement 220V fuel solenoid kit.
Part No. 7-21441, Replacement 12V DC fuel solenoid kit.

VOLTAGE REGULATORS
Designed specifically for us on 12VDC burner systems. 25 amp, 15 volt.
Part No. 6-0615.

FUEL FILTERS
Part No. 2-99051, Replacement oil/water separator filter element.

BURNER TUNE-UP KITS
Part No. 7-31156, Replacement burner tune-up kit.

UNLOADER VALVES
K-5 Series Flow Controlled Unloader Valve - 3000 psi •74°C •3/8" FPT inlet •3/8" MPT outlet
•6.6 - 10.8 GPM
Part No. 5-3001.

Direct Mount Unloader/Chemical Injector Set - 3000 psi •74°C •3/8" FPT inlet •3/8" MPT outlet •4.5GPM •Mounts direct to general pump head
Part No. 5-30073.

Arrowline 606 Unloader Pressure Trapping - Large Volume - 3650 psi •3/8" FPT inlet/outlet •90°C
•8 GPM •Blue Spring
Part No. 5-3207.

UNLOADER VALVES

VB8 Unloader with Micro Switch - 3/8" MPT inlet •3/8" FPT outlet/bypass •90°C •Great for auto start •3650 psi •8 GPM
Part No. 5-3027.

SMC Unloader - 5 psi •3/8" MPT inlet •1/4" FPT bypass •82°C •1800 GPM
Part No. 5-3201.

MV-520 Unloader - 2000 psi •3/8" MPT •3/8" FPT bypass •90°C •8 GPM •Stainless steel seat & piston.
Part No. 5-3505.

J.E. Adams Unloader - •3/8" FPT •93°C •8 GPM
Part No. 5-3009, Model 7300, red spring, 3000 psi.
Part No. 5-3010, Model 7100, brown spring, 2000 psi.

REPAIR KIT
General Pump Unloader Kit for PJE-1000, 1500, 2000, PJG-1500, 2000
Part No. 1-0102.

SUTTNER

SUTTNER AMERICA
Pressure Washer Components

ST-1500 SPRAY GUN
•Industry standard, well suited for a variety of pressure washing applications •4,000 psi, 150° C, for up to 12 GPM
Part No. 201500510.
Part No. 202000044, Repair Kit.

ST-1500H OPEN SPRAY GUN
•Ideal when unloader is unavailable or manual start pressure washers •Flow through design requires pressure washers to be off after use •150° C
Part No. 201500751.

ST-2605 SPRAY GUN
•"Relax action trigger" and comfort grip reduces trigger force up to 20% and holding force up to 60% •5,000 psi, 150° C, for up to 12 GPM
Part No. 202605600.
Part No. 202300490, Repair Kit.

ST-007 ZINC PLATED STEEL MOLDED GRIP LANCES
•Linear aeration provides continuous air flow between hand and grip •Grip is molded on to lance providing protection and strength •5800 PSI pressure rated •149°C .
Part No. 070000180, 24".
Part No. 070000470, 36".
Part No. 070000210, 48".
Part No. 070000220, 60".
Part No. 070000230, 79".

ST-009L ZINC PLATED STEEL VENTED GRIP LANCES
•Vented grip allows heat to dissipate providing a cooler handle •Easily adjusts anywhere on lance for anyone's desired ergonomic position •5800 PSI pressure rated •149°C .
Part No. 200009509, 36".
Part No. 200009512, 48".

GALVANIZED FLEX WAND
•Popular car wash choice and hard to reach applications •Flexes 180° and returns if pulled or driven over •Easily fits gun tube in car wash bays •2250 PSI pressure rated •93°C.
Part No. 900000080, 18".

ST-85 STAINLESS STEEL PUSH & PULL LANCE
•Vented grip can be pushed and pulled to make lance angle up 90° •Cleans hard to reach applications, such as gutters underneath fender walls, truck bellies and heavy equipment •3050 PSI pressure rated •149°C .
Part No. 200085710, 34".

ST-54 PLATED STEEL DUAL LANCE
•For use when high and low pressures are needed. For example, spraying cleaning agents with low pressure through an injector valve and then cleaning with high pressure •High or low pressure is controlled by side handle •4500 PSI pressure rated •149°C. (Coupler for end of lance sold separately)
Part No. 200054500, 38".
Part No. 200054450, Repair Kit.

QUICK COUPLERS BRASS SOCKETS

Part No. 200045700, 1/4" Male NPT
Part No. 200045710, 1/4" Female NPT
Part No. 200045720, 3/8" Male NPT
Part No. 200045730, 3/8" Female NPT
Part No. 200045750, 1/2" Female NPT

QUICK COUPLERS STAINLESS STEEL SOCKETS

Part No. 20SS45730, 3/8" Female NPT
Part No. 20SS45750, 1/2" Female NPT

QUICK COUPLERS BRASS PLUGS

Part No. 1000BR140, 1/4" Male NPT
Part No. 1000BR150, 1/4" Female NPT
Part No. 1000BR160, 3/8" Male NPT
Part No. 1000BR170, 3/8" Female NPT
Part No. 1000BR190, 1/2" Female NPT

REPLACEMENT O-RINGS FOR SOCKETS

Part No. 900000200, 1/4" EPDM O-Ring.
Part No. 900000201, 3/8" EPDM O-Ring.

QUICK COUPLERS PLATED STEEL PLUGS

Part No. 100000140, 1/4" Male NPT
Part No. 100000150, 1/4" Female NPT
Part No. 100000160, 3/8" Male NPT
Part No. 100000170, 3/8" Female NPT
Part No. 100000180, 1/2" Male NPT
Part No. 100000190, 1/2" Female NPT

QUICK COUPLERS STAINLESS STEEL PLUGS

Part No. 1000SS170, 3/8" Female NPT
Part No. 1000SS190, 1/2" Female NPT

SCREW NIPPLE BRASS

Part No. 010000563, 3/8" Female NPT, M22 x 1.5.

SCREW COUPLING

Part No. 200040820, 3/8" Female NPT, M22 x 1.5.

SWIVEL COUPLING NICKEL PLATED

Part No. 200300025, 3/8" Female NPT x 3/8" Male NPT.

QUICK-CONNECT MEG SPRAY NOZZLES - with guide vanes

•For applications requiring quick exchange of different degree nozzles •4000 PSI max pressure, 149°C max temperature •1/4" quick connect/disconnect design •Spray angles range from high impact solid stream 0° to 40° flat spray •Colour coded protective nozzle guards identify nozzle degree

ORIFICE SIZE	PART NO. 0° (RED)	PART NO. 15° (YELLOW)	PART NO. 25° (GREEN)	PART NO. 40° (WHITE)
3.0	900000D30	—	—	—
3.5	900000D35	900001535	900002535	900004035
4.0	900000D40	900001540	900002540	900004040
4.5	900000D45	900001545	900002545	900004045
5.0	900000D50	—	—	—
5.5	900000D55	900001555	900002555	900004055
6.0	900000D60	900001560	900002560	900004060
6.5	900000D65	900001565	900002565	900004065
7.0	900000D70	900001570	900002570	900004070
10.0	900000D10	900001510	900002510	900004010
15.0	900000D15	900001515	900002515	900004015

1/4" MALE THREADED MEG SPRAY NOZZLES - no guide vanes

•Ideal for one nozzle applications and quick exchange is not needed •4000 PSI max pressure •Spray angles range from high impact solid stream 0° to 40° flat spray •Produce a uniform distribution of small to medium sized drops

ORIFICE SIZE	PART NO. 0°	PART NO. 15°	PART NO. 25°	PART NO. 40°	PART NO. 65°
3.0	820200003	820201530	820202530	820204030	—
3.5	820200035	820201535	820202535	820204035	—
4.0	820300004	820301540	820302540	820304040	820306540
4.5	820400045	820401545	820402545	820404045	—
5.0	820500005	820501550	820502550	820504050	—
5.5	820600055	820601555	820602555	820604055	—
6.0	820700006	820701560	820702560	820704060	—
6.5	820700065	820701565	820702565	820704065	—
7.0	820800007	820801570	820802570	820804070	—
8.0	820900008	820901580	820902580	820904080	—
9.0	—	820901509	—	820904090	820906509
15.0	—	—	—	821504015	—
BRASS SOAP NOZZLES					
40.0	—	—	8110S2540	—	8110S6540

1/4" FEMALE THREADED WEG SPRAY NOZZLES

PART NO.	ANGLE	ORIFICE SIZE
9WEG0D005	0°	05.0
9WEG0D055	0°	05.5
9WEG0D006	0°	06.0
9WEG0D008	0°	08.0
9WEG00D10	0°	10.0
9WEG15045	15°	04.5
9WEG15050	15°	05.0

PART NO.	ANGLE	ORIFICE SIZE
9WEG15055	15°	05.5
9WEG15070	15°	07.0
9WEG15080	15°	08.0
9WEG15090	15°	09.0
9WEG01510	15°	10.0
9WEG25045	25°	04.5
9WEG25050	25°	05.0

PART NO.	ANGLE	ORIFICE SIZE
9WEG25055	25°	05.5
9WEG25070	25°	07.0
9WEG25080	25°	08.0
9WEG25090	25°	09.0
9WEG02510	25°	10.0
9WEG40045	40°	04.5
9WEG40050	40°	05.0

PART NO.	ANGLE	ORIFICE SIZE
9WEG40055	40°	05.5
9WEG40060	40°	06.0
9WEG40070	40°	07.0
9WEG40080	40°	08.0
9WEG40090	40°	09.0
9WEG04010	40°	10.0

1/4" FEMALE THREADED TURBO SPRAY NOZZLES - 3600 PSI (max. pressure)

PART NO.	ORIFICE SIZE	REPAIR KIT
200357530	03.0	200357130
200357535	03.5	200357135
200357540	04.0	200357140
200357545	04.5	200357145
200357550	05.0	200357150
200357555	05.5	200357155
200357560	06.0	200357160
200357570	07.0	200357170
200357580	08.0	200357180

FEMALE THREADED SEWER NOZZLES

PART NO.	STYLE	ORIFICE SIZE	FWD JETS	BACK PORTS
122375000	1/8"	04.5	0	3
122370170	1/8"	05.5	0	3
121370170	1/4"	04.5	1	3
121375175	1/4"	05.5	1	3
121470170	1/4"	06.0	1	4
121480180	1/4"	07.5	1	4
121395195	1/4"	08.0	1	3
121320000	1/4"	12.0	0	3
123065187	3/8"	05.5	1	3
123065188	3/8"	04.0	1	3
123065189	3/8"	08.5	1	4
123065186	3/8"	12.0	1	4
123065185	3/8"	14.0	1	4
200049650	1/8" (rotating)	05.5	-	-
200049600	1/4" (rotating)	05.5	-	-
200049610	1/4" (rotating)	08.0	-	-
200049700	1/4"(rot. Duct)	05.5	-	-

FOOT ACTUATED VALVE

Pressure: 3000 PSI, Temperature: 160°C, Flow Rate: 8 GPM,
Inlet/Outlet: 3/8" FNPT / 1/4" FNPT.
Part No. 999000012.

ROTATING BRUSHES

PART NO.	STYLE	HAIR	TYPE
200020020	1/4" MNPT	Natural Fibre	Rotating Brush
200020050	1/4" MNPT	Nylon Fibre	Rotating Brush
200021021	1/4" FNPT	Natural Fibre	Knuckled Rotating Brush
020000870	-	Natural Fibre	Replacement Bristle

UNLOADER VALVES

Part No. 200261500, Model ST-261, 3600 psi.
Part No. 200261550, Model ST-261-S, with micro-switch, 3600 psi.
Part No. 200261526, Repair kit for #ST-261, ST-261-S.

200261500

200261550

STRAINERS

Part No. 200031600, Model ST-31 chemical strainer.
Part No. 200031610, Model ST-31-R chemical strainer with check valve.
Part No. 200033535, Model ST-33 inlet water strainer, ½" FNPT x ½" MNPT.
Part No. 200035520, Model ST-35R high volume suction strainer - ¾" - 1".

200031600

200035520

200033535

DOWNSTREAM CHEMICAL INJECTORS

Part No. 200060600, Model ST-60 downstream chemical injector - 1.5 to 2.25 gpm, 1.8 mm.
Part No. 200060610, Model ST-60 downstream chemical injector - 2.25 to 3.35 gpm, 2.1 mm.
Part No. 200060620, Model ST-60 downstream chemical injector - 3.35 to 5.00 gpm, 2.4 mm.

200060620

UPSTREAM CHEMICAL INJECTORS

Part No. 999000019, Model ST-64 upstream chemical injector with garden hose thread - 1.5 to 4.0 gpm.
Part No. 999000021, Model ST-64 upstream chemical injector with garden hose thread - 4.0 to 7.0 gpm.

ADJUSTABLE INJECTOR

Part No. 200062500, Model ST-62 adjustable injector with hose barb.

FLOW SWITCHES

Part No. 200005500, Model ST-5 gravity actuated flow switch.
Part No. 200006540, Model ST-6 spring actuated flow switch.

FLOAT TANK VALVE

Part No. 200008520, Model ST-8 float tank valve, ½" FNPT.

200008520

FLOAT TANKS & PARTS

Part No. 020000780, Model ST-10 polypropylene float tank - 1.8 gallon. 13¾"L x 5½"W x 6¾"H.
Part No. 020000800, Model ST-11 float tank lid for #ST-10.

020000780 &
020000800

SUTTNER

Solvent Parts Cleaners

ECONOKLEEN™ BENCH-TOP ECONOMY SOLVENT PARTS CLEANER

Industrial grade steel construction. This unit is suitable for both professional shop and home use. A reliable, abrasive resistant centrifugal pump circulates the cleaning solvent through an adjustable flexible hose. Parts are easily cleaned while brushing under this steady stream of fluid. 2 to 5 gallon fluid capacity. 115 volt. Overall size: 23-1/2"L x 15-1/2"W x 9-1/4"H. Soaking area: 17"L x 15-1/2"W x 6"D.
Part No. EC-A.

HK-150 FREE STANDING SOLVENT PARTS CLEANER

Abrasive resistant pump delivers a generous solvent flow through a flexible metal hose to rinse brushed parts clean. The recirculated fluid is filtered three times; through a drain screen, sludge collector and dual foam filter. Large 30" x 18" sloped metal workshelf keeps parts out of solvent yet removes easily to create a soak tank. 2-1/2 to 5 gallon fluid capacity. 115 volt. Overall size: 36"L x 18"W x 36-3/4"H. Soaking area: 30"L x 16-15/16"W x 8-3/4"D.
Part No. HK150A.

HANDI-KLEEN® FREE STANDING SOLVENT PARTS CLEANER

A longer, wider, and deeper 15 gallon tank. The sludge collector contains a dual element foam filter to help the larger volume of fluid remain free of contaminants for extended cleaning fluid life. A versatile small parts basket keeps the smallest of parts within easy reach. Removable sloped workshelf. 8-1/2 to 15 gallon fluid capacity. 115 volt. Overall size: 36"L x 22"Wx 38-1/2"H. Soaking area: 29-1/2"L x 15-1/2"W x 16"D.
Part No. PL36-A.

HANDI-KLEEN® FREE STANDING SOLVENT PARTS CLEANER

In addition to the solvent recirculation pump, this unit features an air manifold which agitates the solvent to loosen dirt and pre-clean parts. A two-piece sliding solid metal shelf extends over the entire tank to provide a 36" x 21-1/2" work surface as well as to reduce solvent loss due to evaporation. Unique safety device cuts off air flow to the manifold in event of fire. 25 to 48 gallon fluid capacity. 115 volt. Overall size: 42"L x 22"W x 38-1/2"H. Soaking area: 36"L x 18"W x 20"D.
Part No. PL422-A.

DRUM MOUNT SOLVENT PARTS CLEANER

Place right at the job for on-the-spot cleaning tasks at a strain-free working height. Abrasive resistant submersible pump and two filters. 100 watt worklight. Retractable pump for easy fluid changeovers. 5 to 10 gallon fluid capacity, 16 gallon drum capacity. 115 volt. Overall size: 32"L x 18"W x 65"H. Soaking area: 32"L x 18"W x 8-3/4"D.
Part No. DMD232.

Aqueous Parts Cleaners

•Thermostatically controlled heat (up to 46°C) for faster, more efficient cleaning •Wash, rinse, and dry capabilities •Environmentally friendly

HANDI-KLEEN® FREE STANDING PLASTIC PARTS CEANER

Heated aqueous parts washer for faster, more efficient cleaning. Triple action filtration. Made of industrial strength thick walled thermoplastic, with stainless steel workshelf. 30 gallon capacity. 115 volt. Overall size: 43"L x 31"W x 40"H. Soaking area: 31"L x 22"W x 17"D.
Part No. PH522A.

DRUM MOUNT PLASTIC PARTS CLEANER

Heated aqueous parts washer for faster, more efficient cleaning. Triple action filtration. Made of industrial strength thick walled thermoplastic. 30 gallon capacity. 115 volt. Overall size: 39"L x 31"W x 43"H. Soaking area: 36"L x 22"W x 9"D.
Part No. DH436-A.

Biomatic™ Parts Cleaners

Uses the natural technology of Bioremediation to reduce solid waste and virtually eliminate liquid waste. During the parts cleaning process, living microbes, which are stored in the replaceable BioFilter, are released into the solution. These safe, hydrocarbon-converting microbes actually cleanse the liquid of organic impurities.

BIOMATIC DRUM MOUNT PARTS CLEANER

Thermoplastic tank with 20 - 30 gallon capacity. 115 volt. Overall size: 39"L x 31"W x 43"H. Soaking area: 36"L x 22"W x 9"D.
Part No. BIO436-A.

BIOMATIC ACCESSORIES

Part No. SUPERBIOPAK, Start-Up Package For #BIO436-A. Contains: 1 replacement filter package (BIOFL-1), 3 one-gallon containers of Biotene solution (GM550-5). NOTE: Available only with initial purchase of BIO436-A unit.

Part No. BIOFL-1, Filter Package For #BIO436-A. Contains 1 BioFilter and 1 o-ring.

Part No. GM550-5, Biotene Concentrate Solution. 1 gallon container. (Dilution ratio 1:10; makes 11 gallons.)

Graymills Parts Cleaners — Replacement Parts

Part No. 3BG, Standard Brush, with 2-1/2" polypropylene bristles
Part No. 6A, Flow-Thru Brush, flushes part as it is cleaned. Manufactured with 2 ft. connecting hose, 2-1/2" nylon bristles, and a rubber connector which slips over nozzle of flexible metal hose.
Part No. 45123482, Fusible Link for all parts cleaners (except #EC-A)
Part No. 45126538, Fusible Link for #EC-A parts cleaner
Part No. 742090731, 5" 30 Micron Spun Cartridge Insert for #DH436A
Part No. 742093351, 10" 75 Micron Spun Cartridge Insert for #PH522A

Parts Cleaners

Drain tube empties dirt and oil below the pump. The grease, oil and dirt stays in the bottom so that only clean solvent will be pumped up into the sink to clean more parts. Units feature:
•Fire safety lid •Flo-thru brush •CSA approved •Flexible metal hose •Durable powder coat paint

5 GALLON CAPACITY PARTS CLEANER
Solvent parts cleaner with 5 gallon capacity. 32"L x 17"W x 37"H. Soaking area: 31"L x 16"W x 11"D.
Part No. C300.

10 GALLON CAPACITY PARTS CLEANER
Solvent parts cleaner with 10 gallon capacity. 38"L x 20"W x 37"H. Soaking area: 37"L x 19"W x 10"D.
Part No. C390.

Accessories

Part No. P-30, Flo-thru brush c/w fittings and 60" of tubing.
Part No. P-31, Flo-thru brush.
Part No. P-36, Electric operated pump.
Part No. P-39, Flexible hose 21".
Part No. P-42, Fuse link (all models).

Sandblast Equipment

ECONOMY SUCTION BLAST CABINETS
An economical state-of-the-art machine, at a price any shop can afford. E-series blast cabinets are designed for use with glass beads and can tackle hundreds of various applications from the automotive and industrial markets. These blast cabinets come standard with rugged, industrial quality components typically found only on more expensive high production machines. With dust collector. Standard Features: •Industrial quality pistol grip blasting gun — foot pedal operated •Natural rubber/vinyl blast gloves •Perforated steel flooring — abrasive large particle -separating screen and clean-out door •Powder coated inside and out •Mod-U-Blast's extra rugged, heavy duty production foot valve assembly (built to last, with heavy steel housing and high production brass flow valve) •Air regulator/gauge panel •14 gauge steel legs (16 gauge panels) •Eliminating typical suction pick-up tubes and hoses, Mod-U-Blast's media metering valve puts our economy series blast cabinets in an entirely different class from the competition •External fluorescent lighting system •Front and side loading doors: three on 48" model, two on 36" model •CSA approved and UL listed
Part No. E3624-DC, 36"W x 24"D x 24"H work area.
Part No. E4824-DC, 48"W x 24"D x 24"H work area.
Part No. LAF-8550, Replacement air filter for economy suction blas cabinets.

S-SERIES SUCTION DRY BLAST CABINETS
All Mod-U-Blast S-Series cabinets are constructed with heavy duty 14 gauge steel, external lighting system, safety glass viewing window, and overlapping positive tension doors •600 cfm •Filter cabinet Standard Features: •Media reclaimer equipped with replaceable wear plate •Metering valve allows for the fine tuning of the flow of media to the mixing area of the blast gun •1/2" high flow foot valve •Lighting system provides clear optimum viewing •Heavy 14 gauge steel construction •Lightweight pistol grip blast gun •Quick change safety glass window with replaceable protector and Trim-Lok® window seal •Air-moisture separator •Regulator and control panel •1HP/1 phase/14 amps required •Industrial quality rubber/vinyl blast gloves •Air blow-off gun •Machines are 100% modular and fully upgradable, please ask for more information •CSA approved and UL listed
Part No. S3636-6F, 36"W x 36"D x 36"H working chamber.
Part No. S4836-6F, 48"W x 36"D x 36"H working chamber.

P-SERIES PRESSURE DRY BLAST CABINETS
Mod-U-Blast P-Series pressure blast cabinets are built for maximum production (3 to 4 times faster than suction machines). At 100 psi, pressure blasting can create velocities of 450 ft./second whereas suction blasting can only create about 150 ft./second. All pressure systems are equipped with pneumatic, foot operated control system. 600 cfm. With filter cabinet. Standard Features: •Reclaimer and pressure system — reclaimer is equipped with replaceable wear plate and full sized removable perforated steel trash screen •Pneumatic foot control switch •1 HP/1 phase/14 amps required •Lighting system provides clear optimum viewing •Heavy 14 gauge steel construction •Quick change safety glass window with replaceable protector and Trim-Lok® window seal •Air-moisture separator •Regulator and control panel •Venturi blast nozzle •High pure gum content abrasive blast hose •Air blow-off gun •Natural rubber/vinyl blast gloves •Perforated steel floor •CSA approved and UL listed
Part No. P3636-6F, 36"W x 36"D x 36"H working chamber.
Part No. P4836-6F, 48"W x 36"D x 36"H working chamber.

Sandblast Accessories

CERAMIC CONICAL NOZZLES

PART NO.	BORE SIZE
36911	3/32"
36912	1/8"
36913	3/16"
36914	1/4"
36915	5/16"
36916	3/8"
36664*	1/4"

*Replacement ceramic nozzle for "Economy" series cabinets

HEAVY DUTY CABINET GLOVES
High puncture and snag resistance. Natural rubber glove with a sewn nitrile impregnated PVC on nylon sleeve.

PART NO.	DESCRIPTION	SLEEVE OPENING	LENGTH	FITS
15250	Pair	27"	27"	E-Series
15270	Pair	28"	32"	S, P, PSS, & PMB-Series
15271	Left only	28"	32"	S, P, PSS, & PMB-Series

WINDOWS & PROTECTORS
Part No. 12216, Mod-U-Blast main viewing window
Part No. 12215A, Lamp window (E-series)

Part No. 41117S, 10" x 17.5" protector
Part No. 41117, Pkg. of 25, 10" x 17.5" protectors

Part No. 43518S, 3.5" x 18" rear lamp protector
Part No. 43518, Pkg. of 25, 3.5" x 18" rear lamp protectors

12216

protectors

MOD-U-BLAST®

MAN/2712/2713/2714

Sandblast Media

Glass Bead Facts

Peening – Big Beads	Cleaning – Small Beads	Finishing – All Beads
•Remove larger, tougher soils •Fewer impacts per pound •Clean more slowly •Peen to more intensive levels •Can't reach small areas •Produce higher surface RMS or AA •Peen deeper zones in surface •Reclaim/separation easy, up to one or two mm **Produce brighter finish at same intensities as smaller beads; In practice, may consume slower than small beads, as less pressure required to accomplish work; As large as 4 mm diameters	•Remove smaller, lighter soils •More impacts per pound •Clean faster •Peen to less intense levels •Reach into keyways, fillets, and small areas •Produce lower surface RMS or AA •Peen outer zones on surface •Reclaim/separation easy, with care below 44 microns **Produce more matte finish at same intensities as large beads; In practice, may consume faster than large beads, as more pressure required to accomplish work; To 37 microns and finer diameter	•Peen to higher intensities at 90° nozzle angle •Consume greater at 90° nozzle angle •Consume greater at higher blast pressure •Consume greater as workpiece hardness increases •Consume greater as nozzle approaches workpiece •Clean less efficiently at 90° nozzle angle, due to narrowing of blast pattern area and "binding" by rebounding beads •Are inert, certain no free silica (not silicosis hazard like silica sand) and are easy and safely disposed of

**Note: Factors affecting final surface appearance, as well as consumption rate include shape of workpiece, composition of workpiece, hardness of workpiece, bead size, angle of nozzle, distance of nozzle from surface, air pressure, and type of delivery system (suction versus pressure blast).

MANUS GLASS BEAD & GRIT - 20 KG BAG

This rounder bead is safer to use in your sandblast cabinet. #3 is a finer grain and increases in coarseness to #10.
Part No. 071003, #3, 20 - 30 mesh glass bead.
Part No. 071004, #4, 30 - 40 mesh glass bead.
Part No. 071005, #5, 40 - 50 mesh glass bead.
Part No. 071006, #6, 50 - 70 mesh glass bead.
Part No. 071007, #7, 60 - 80 mesh glass bead.
Part No. 071008, #8, 70 - 100 mesh glass bead.
Part No. 071010, #10, 100 - 170 mesh glass bead.

GENERAL RECOMMENDATIONS:

APPLICATION	GRADE
Dry Blasting — Coarse Finish	12, 16, 20, 24, 30, and 36
Dry Blasting — Medium Finish	54 and 80
Dry Blasting — Fine Finish	100 and 120
Dry Blasting — Extra Finish	180 and 220
Liquid Honing	100, 120, 180, and 220
Air Pressure	4 to 100 lbs. psi

ALUMINUM OXIDE (IMPORT) - 25 KG SACK

Blasting grain that can be used again and again, with no silicosis hazard. One of the hardest abrasives available today. Aluminum oxide blasting grain is a sharper, more aggressive and fast cutting grit and can produce up to a 5 mil profile plus.

Part No. 070012-55, #12 grit aluminum oxide.
Part No. 070016-55, #16 grit aluminum oxide.
Part No. 070020-55, #20 grit aluminum oxide.
Part No. 070024-55, #24 grit aluminum oxide.
Part No. 070030-55, #30 grit aluminum oxide.
Part No. 070036-55, #36 grit aluminum oxide.
Part No. 070054-55, #54 grit aluminum oxide.
Part No. 070080-55, #80 grit aluminum oxide.
Part No. 070100-55, #100 grit aluminum oxide.
Part No. 070120-55, #120 grit aluminum oxide.
Part No. 070180-55, #180 grit aluminum oxide.
Part No. 070220-55, #220 grit aluminum oxide.

SIL INDUSTRIAL MINERALS

EEE/3511

Quality Alberta sand offers some of the highest silica content in Alberta. 22.7 kg bags available in 2 grades. Used on bridges and for removing graffiti. 1 pass only — not for use in sandblast cabinets.

Part No. SIL-4, 22.7 kg bag #4 sand (medium grit).
Part No. SIL-7, 22.7 kg bag #7 sand (coarse grit).

DYNALINE

DYN/1978

Hose Reels

HOSE REEL - WITHOUT HOSE

•Simple and economical •For low pressure applications •Features spring tension brake •Mounts in any direction •Durable all steel construction •Max. Pressure 250 psi
Hose Diameter: 3/8" Air Inlet: 1/4" Brass NPT Hose Outlet: 1/4" Brass NPT
Part No. 11365, 100 ft. capacity.

AIR HOSE REELS - WITHOUT HOSE

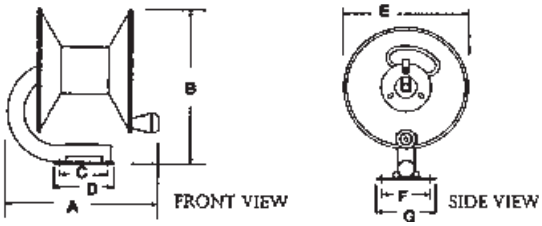
•Heavy duty steel frame •Corrosion resistant powder coat finish •Features spring tension brake and solid brass swivel •Mounts on any flat surface •Max. Pressure 4000 psi
Hose Diameter: 3/8" Air Inlet: 3/8" NPT Hose Outlet: 3/8" NPT
Part No. 11367, 100 ft. capacity.
Part No. 11368, 50 ft. capacity.

INDUSTRIAL AIR/WATER HOSE REEL

•Heavy duty steel reel and base •Spring driven drum for automatic rewind •Corrosion resistant powder coat finish •Features multi position release ratchet and spring fully enclosed and lubricated •Four direction non-snag rollers reduce wear
Hose Diameter: 3/8"
Part No. 11369, 50 ft. capacity.

RAPID REEL® PRODUCTS

Air & Water Hose Reels



This larger capacity unit offers a 300 psi pressure rating, is capable of temperature limits of -20°F to 150°F, and weighs only 14 lbs. It also comes with a 1/4", 90° rebuildable swivel fitting, 3/8" x 25" supply hose, and a 3 year warranty. See chart below for further specifications.
Part No. AR134-RR1.

Replacement swivel. 3/8" air hose reel swivel and 5 ft. inlet hose assembly.
Part No. 2005-005.

Part Number	Hose Capacity			Dimensions						
	1/4" I.D.	3/8" I.D.	1/2" I.D.	A (Width)	B (Height)	C	D	E (Depth)	F	G
AR134-RR1	150 ft.	100 ft.	60 ft.	14-1/4"	15-9/16"	3-1/2"	5"	13-1/2"	3-1/2"	5"

Garden Hose Reels

GARDEN HOSE PERPENDICULAR WALL REEL
A favourite for both the homeowners and businesses. Designed to pull the hose off perpendicular (away from) the wall, this reel is ideal for front or back walls of houses, buildings or shops. Mounts to virtually and vertical surface including masonry, 16" stud walls, wood posts or steel beams. Features: •Ultra-life brass swivel •All steel construction •4 ft. inlet hose •Comfort grip crank handle •Durable powder coat finish •Solid surface drum •Smooth spin axle bushings •Tension spring brake •Loop-'n-Clamp hose attachment •Interlock wall plate •100 ft. x 3/4" I.D. capacity •150 ft. x 5/8" I.D. capacity •Max. pressure 200 psi, Max. temperature 190°F •Bronze
Part No. GH164-PD.

(nozzle not included)

GARDEN HOSE PARALLEL WALL REEL
Designed to pull the hose off parallel to (along) the wall, this reel is ideal for interior or exterior sidewalls. Mounts to virtually and vertical surface including masonry, 16" stud walls, wood posts or steel beams. Features: •Ultra-life brass swivel •All steel construction •4 ft. inlet hose •Comfort grip crank handle •Durable powder coat finish •Solid surface drum •Smooth spin axle bushings •Tension spring brake •Loop-n'-Clamp hose attachment •Interlock wall plate •100 ft. x 3/4" I.D. capacity •150 ft. x 5/8" I.D. capacity •Max. pressure 200 psi, Max. temperature 190°F •Bronze
Part No. GH164-PL.

(nozzle not included)

GARDEN HOSE CART REEL
Sleek, attractive and mobile, the cart reel is a popular choice for those who are looking for an alternative to wall-mount reels. An innovative design elevates the reel to a comfortable re-winding height and features no-tip stability with ultra easy mobility. Features: •Ultra-life brass swivel •All steel construction •4 ft. inlet hose •Comfort grip crank handle •Durable powder coat finish •Solid surface drum •Smooth spin axle bushings •Tension spring brake •Loop-n'-Clamp hose attachment •10" pneumatic tires •Dual grip push handles •100 ft. x 3/4" I.D. capacity •150 ft. x 5/8" I.D. capacity •Max. pressure 200 psi, Max. temperature 190°F •Bronze
Part No. GH164-CT.

GARDEN HOSE WAGON REEL
This workhorse is rugged! Whether for home or business, the wagon is an ideal fit for large capacity applications that require portability. By having the reel elevated to a comfortable rewinding height, this model is a real back-saver. A rugged tubular frame provides no-tip stability, while dual grip handlebars and large 10" pneumatic tires make for easy mobility... even over rough terrain or soft soil. Features: •225 ft. x 5/8" capacity •175 ft. x 3/4" capacity •200 psi pressure rating •190°F temperature rating •Bronze
Part No. GH168-WG.

Replacement swivel. 3/4" garden hose reel swivel and 5 ft. inlet hose assembly.
Part No. 2005-003.

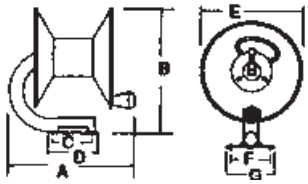
Swivels - Rapid Reel's patented swivels are unlike anything else in the industry. Featuring a "full-flow" design, solid machined brass, and smooth-action, ball-bearings, these swivels will deliver years of trouble free performance.

Pressure Washer Reels

NOTE: •Reel capacities may vary depending on hose brand and style •Hose and spray nozzle not included

GENERAL PURPOSE PRESSURE WASHER REEL
This pressure washer reel will accommodate a maximum pressure of 4500 psi and a maximum temperature of 250°F. Its shipping weight is 16 lbs. Inlet hose specifications: 3/8" I.D. x 36" long with double wire braid 3/8" MPT rigid fitting. See chart below for further specifications.
Part No. PW134-RR.

Replacement swivel. 3/8" high pressure swivel for #PW134-RR.
Part No. 5004-005.

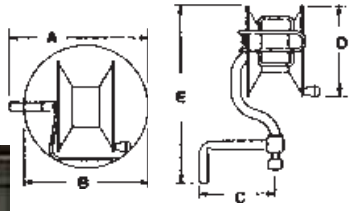


Hose Capacity		Dimensions						
3/8" I.D.	1/2" I.D.	A (Width)	B (Height)	C	D	E (Depth)	F	G
100 ft.	60 ft.	14-1/4"	15-5/8"	3-1/2"	5"	13-1/2"	3-1/2"	5"

Pressure Washer Reels

HIGH PRESSURE PIVOT HOSE REEL — 5500 SERIES

The workhorse of the Rapid Reel pivoting line, the 5500 Series reels offer all the Rapid features, on a revolutionary pivoting base. Patented "Quick-Mount" design. 5500 reels easily slide into brackets mounted on walls, carts, or the frames of portable washers. You can easily move the reel to various locations - just grab and lift. These units feature a 360° pivot, all steel construction, and handle a maximum temperature of 325°F.

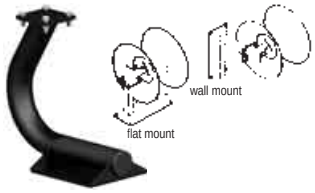


E-Z Mount Wall Bracket to mount 5500 Series reels.
Part No. 2001-003.

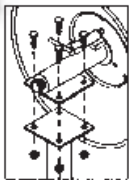
Part No.	Weight	Max. Pressure	Swivel Size	Hose Capacity				Dimensions				
				1/4" I.D.	3/8" I.D.	1/2" I.D.	5/8" I.D.	A (Depth)	B (Width)	C	D	E (Height)
5513-PW1	35 lbs.	5000 psi	3/8" plated	150 ft.	100 ft.	60 ft.	40 ft.	20-5/16"	18-1/4"	11-3/16"	13-1/2"	26-1/4"
5516-PW1	38 lbs.	5000 psi	3/8" plated	300 ft.	200 ft.	175 ft.	100 ft.	24"	23-1/2"	12-3/16"	16-1/2"	32"

HIGH PRESSURE HOSE REEL — 4400 SERIES

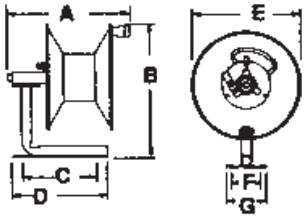
The 4400 Series employs Reel Quick's exclusive "Plate-Mount" design. This versatile yet simple system equips each reel for many mounting possibilities. Built to industrial strength standards, Rapid Reel Industrial Bolt-On reels provide years of leak free operation and exceptional performance under rigorous industrial conditions. Its all steel construction has a maximum temperature range of 325°F.



Base mount unit for 4400 Series. (It's easy! Mount this base first. Without the reel in the way, the easy access holes make mounting a breeze. Then, simply attach the reel to the base.) Perfect for wall or flat mount.
Part No. 2001-037.

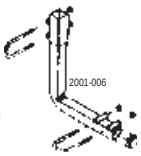


The plate on the reel axle simply attaches to the plate on the mounting device.



Part No.	Weight	Max. Pressure	Swivel Size	Hose Capacity				Dimensions						
				1/4" I.D.	3/8" I.D.	1/2" I.D.	5/8" I.D.	A (Width)	B (Height)	C	D	E (Depth)	F	G
4413-PW1	21 lbs.	5000 psi	3/8" plated	175 ft.	100 ft.	60 ft.	50 ft.	15"	17"	10-1/2"	12"	13-1/2"	3-1/2"	5"
4416-PW1	24 lbs.	5000 psi	3/8" plated	335 ft.	200 ft.	175 ft.	125 ft.	17-1/8"	18-7/16"	10-1/2"	12"	16-1/2"	3-1/2"	5"

E-Z Mount Brackets & Accessories



Part No. 2001-006, Bracket for Landa OHW, PHW, and PHWS series.
Part No. 2001-100, Universal bracket.

Part No. 5004-006, Replacement 90° swivel - 1/2" x 3/8" NPT - 7000 psi
Part No. 5004-003, Swivel repair kit (Viton seals)
Part No. 2001-026, 90° support arm for 4400 series reels
Part No. 2001-027, Vertical support arm for 4400 series reels
Part No. 2001-028, 45° support arm for 4400 series reels

Rapid Reel® HOSE REELS

SERIES 602 MINI RATCHET LEVER HOIST

The 602 mini hoist is the most compact ratchet lever hoist on the market. •Plated load chain is standard •Weston type load brake •Rubber grip for better comfort and security •Lightweight design weighs only 5 lbs. for ease of operation and portability (use in confined conditions with one hand operation) •Forged upper and lower hooks with latches standard •Impact resistant all-steel frame, gear case and cover •Hardened link type steel load chain for strength and long wear •Free chaining feature serves to quickly attach the load •Conforms with ASME B30.21 •Capacity 550 lb.

Part No. 0210, 550 lb. lever tool with 5 ft. lift.
Part No. 0214, 550 lb. lever tool with 10 ft. lift.
Part No. 0212, Carry bag.

SERIES 653 LEVER TOOL

•Impact resistant, stamped steel frame, gear case and cover for durability and light weight •Hardened steel load sharing gears •Double pawl arrangement for assured load control •Two chain guide rollers for positive chain engagement •Weston type braking system for positive load control and positioning •Simple one-handed, free chaining for fast load attachment •Minimal maintenance with no special tools required

Part No. 5310, ¾ ton lever tool with 5 ft. lift.
Part No. 5311, ¾ ton lever tool with 10 ft. lift.
Part No. 5312, ¾ ton lever tool with 15 ft. lift.
Part No. 5313, ¾ ton lever tool with 20 ft. lift.
Part No. 5315, 1½ ton lever tool with 5 ft. lift.
Part No. 5316, 1½ ton lever tool with 10 ft. lift.
Part No. 5317, 1½ ton lever tool with 15 ft. lift.
Part No. 5318, 1½ ton lever tool with 20 ft. lift.
Part No. 5320, 3 ton lever tool with 5 ft. lift.
Part No. 5321, 3 ton lever tool with 10 ft. lift.

PULL LEVER TOOL

•With 5 ft. lift.

Part No. 4043, 3/4 ton lever tool (puller).
Part No. 4045, 1-1/2 ton lever tool (puller).
Part No. 4047, 3 ton lever tool (puller).
Part No. 4050, 6 ton lever tool (puller).

"HURRICANE" HAND CHAIN HOISTS

•Standard Load Limiter - For simple, automatic overload protection. •Hand Chain Guide - Unique 360° rotating hand chain guide allows the hoist operator to work from almost any position. •Improved Braking Power - With its braking system, this unit is exceptionally quiet, and improves operational safety and serviceability. •Powder Coated Finish - For corrosion protection. •Heat Treated Steel Gearing - All internal gears and pinions are heat treated steel for high strength and long life. •Chain Guide and Stripper - Assures load chain alignment. •Precision 4-Pocket Liftwheel - Fully machined for better chain fit and reduced wear allowing for accurate movement of the load chain. •Hardened Steel Chain - Alloy steel load chain assures high strength and long wear life. •Minimal Maintenance - Easily disassembled, requiring no special tools. •Meets ASME B30.16 - And European CE Standard •5-Year Warranty - Against defects in materials and workmanship.

Part No. 5623, ½ ton chain hoist with 8 ft. lift.
Part No. 5624, ½ ton chain hoist with 12 ft. lift.
Part No. 5625, ½ ton chain hoist with 20 ft. lift.
Part No. 5626, 1 ton chain hoist with 8 ft. lift.
Part No. 5627, 1 ton chain hoist with 12 ft. lift.
Part No. 5628, 1 ton chain hoist with 20 ft. lift.
Part No. 5629, 2 ton chain hoist with 8 ft. lift.
Part No. 5630, 2 ton chain hoist with 12 ft. lift.
Part No. 5631, 2 ton chain hoist with 20 ft. lift.

CYCLONE HAND CHAIN HOISTS

•With 8 ft. lift. •Most interchangeability of parts in the industry •Standard Load Limiter for simple, automatic overload protection •Enclosed contoured Weston-type automatic brake for positive load control •High-efficiency spur gearing for greater lift with minimum effort •Rugged Hoistaloy chain for added strength and durability •Fully machined, forged liftwheel pockets for easier lifting and smooth free chaining •High-strength aluminum alloy castings in frame and covers •Inspected over 75 times to meet or exceed HMI and ASME/ANSI performance and safety standards •Standard hand chain drop is 2 feet less than lift, (example: 8 foot lift hoist has 6 foot hand chain drop) •Chain containers, zinc-plated load and hand chain, aluminum unwelded hand chain, Latchlok hooks, bronze hooks, eye-type suspension, bullard hooks and units without Load Limiter optional, depending on capacity •Lifetime warranty •Metric rated

Part No. 4622, ½ ton chain hoist.
Part No. 4624, 1 ton chain hoist.
Part No. 4625, 1½ ton chain hoist.
Part No. 4626, 2 ton chain hoist.
Part No. 4627, 3 ton chain hoist.
Part No. 4628, 4 ton chain hoist.
Part No. 4629, 5 ton chain hoist.
Part No. 4630, 6 ton chain hoist.
Part No. 4631, 8 ton chain hoist.
Part No. 4632, 10 ton chain hoist.

HAND & LOAD CHAIN

Part No. 85832, .192" hand chain for all Hurricane series hoists.
Part No. 85808, .234" hand chain for all Cyclone hoists.
Part No. 85834, .197" load chain for #5600.
Part No. 85839, .250" load chain for #4622, 4043.
Part No. 85959, .236" load chain for #5604, 5310.
Part No. 85841, .281" load chain for #4624.
Part No. 85944, .250" load chain for #9422, 9440, 9458 electric hoists.
Part No. 85847, .312" load chain for #4045, 4047, 4050.
Part No. 85949, .312" load chain for #9230, 9260 electric hoists.
Part No. 85960, .394" load chain for #5607, 5320.
Part No. 85961, .394" load chain for #5315.
Part No. 85864, .375" load chain for #4625, 4626, 4627, 4628, 4629, 4630, 4631, 4632.

LODESTAR ELECTRIC CHAIN HOISTS

These single speed electric chain hoists are designed for exceptionally long life and quiet operation. The units come standard with:
•115 volt hoist duty motor •protection overload device •screw type limit switches •swivel hook suspension •Hoistaloy load chain •latch type hooks •10 ft. lift

Easy to install and maintain with a lifetime lubricated gear train. CSA approved.

PART NO.	RATED CAPACITY (TONS)	LIFTING SPEED (FPM)	MOTOR - HP	REEVING
9422-2793	1/2	8	1/4	2
9440-2792	1/2	16	1/2	1
9458-2793	1	8	1/2	2
9230-3661	1	16	1	1
9260-3660	2	8	1	2

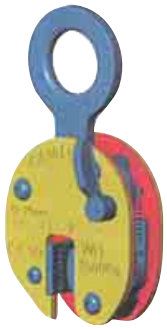
(single reeved shown)

COLUMBUS MCKINNON
Trolleys & Accessories

SERIES 633 WIDE RANGE TROLLEYS

Simple, rugged, built for trouble-free service and ease of operation across a wide range of beam applications. Features:
- Rugged steel side plates formed to include bumpers and trolley guards for added security
- Frames connected by steel equalizer pin, secured by two nuts on each side
- Universal tread flanged trackwheels equipped with shielded ball bearings
- Easy rolling on standard shapes, wide flange shapes or patented rail
- Hardened wheels and axles
- Spacer washers can be shifted inside or outside for easy adjustment to wide range of beams
- To be used with hook suspended hoist
- Suspension plate for easy attachment
- Bearings pre-packed with lifetime lubricant

CZ92 UNIVERSAL PLATE CLAMP



•Lift and turn over plates in one smooth operation •Plates can be turned over or lifted from the horizontal to the true vertical position •Hardened steel jaws for positive grip and locking mechanism •Working load limit: 3,300 lbs. •0-3/4" Plate
Part No. CZ921.5.

PART NO.	RATED CAPACITY (TONS)	ADJ. FOR STANDARD S-BEAMS		TREAD DIAMETER (IN.)
		DEPTH OF BEAM (IN.)	FLANGE WIDTH (IN.)	
3302	1/2	3 - 15	2-1/2 - 5-5/8	2-9/32
3304	1	5 - 24	3 - 8	3-15/32
3306	2	6 - 24	3-5/8 - 8	3-15/16

DYNALINE
Chain Hoists & Lever Tools

CHAIN HOIST

STEEL FORMED CASE: Both gear and hand chain wheel sides are protected against external shock. DOUBLE COVER PROTECTION: Both hand chain wheel case and brake cover are designed to stop moisture and dirt from entering into their protective area. BRAKE MECHANISM: Whether the load is light or heavy, the brake mechanism will activate instantly when operation is stopped. DOUBLE RATCHET PAWLS: Two ratchet pawls are used for extra safety. Should one pawl fail, the other restrains the load. LOAD CHAIN GUIDE & STRIPPER: Assures proper fit of load chain to load sheave. Also protects against dirt and moisture from gathering in load sheave. POWDER METAL BUSHING: Increases mechanical efficiency and reduces the hand chain pull strength. SLACK END ANCHORAGE: When lowering heavy loads, it serves as a limit stopper to prevent any accidents caused by over lowering. LOAD CHAIN: Uses Grade 80 alloy load chain specially calibrated for hand chain block usage. All of the load chain meets or exceeds "ISO" and "DIN" standards. LOWER & UPPER HOOK: Both hooks are hot forged, heat treated and swivel. All hooks are standard equipped with safety latches to ensure proper hooking to the load or sling.

PART NO.	SAFE WORKING LOAD (TONS)	STANDARD LIFT* (m)	MANUFACTURER'S TEST LOAD (TON)	HEADROOM (mm)	HAND EFFORT TO LIFT FULL LOAD (kg)
80250	0.5	2.5		275	22
80251	1	2.5		300	26
80252	1.5	3	*150% x Safe Working Load*	375	30
80253	2	3		375	35
80254	3	3		530	35

**Usable Chain Length*

LEVER HOIST

FEATURES: •Rugged steel body construction •Lightweight, compact and portable •Short 360° rotating handle and low handle effort •Easy free chain •Impact resistant •Latch-type swivel hooks •High tensile alloy chain •Standard lift 1.5 m (4 ft. 11")

PART NO.	RATED CAPACITY (TONS)	CHAIN DIAMETER	MIN. DISTANCE BETWEEN HOOKS	LENGTH OF OPERATING HANDLE	TEST LOAD (TON)	STANDARD LIFT* (m)
80260	0.50	3/16"	10-5/8"	10-13/32"	0.625	1.5
80261	0.75	7/32"	11-13/32"	10-7/16"	1.125	1.5
80262	1	1/4"	12-13/16"	10-7/16"	1.5	1.5
80263	1.5	9/32"	14-3/16"	16-1/8"	2.25	1.5
80264	3	11/32"	18-1/2"	16-1/8"	4.5	1.5

**Usable Chain Length*

PROTRAK
Laser Alignment Systems

For Heavy Duty Trucks & Trailers

Protrak QCT quick check portable laser alignment system. Rapidly and accurately check the alignment on trucks and trailers . Measures toe, camber, and thrust angle. Reduce tire wear and improve handling. Measure a truck in 10 minutes to .03° — easy to learn and dependable. One person operation with no alignment rack required. Includes 6 D cell batteries; digital level with pouch; instruction video; alignment manual. Includes case.
Part No. PROTRAKQCT.

Part No. PROTRAKCASE, Lightweight Carrying Case for QCT alignment system. Red.
Part No. PROTRAKLABELS, Pack of 100 Alignment Service Labels.

- ***Four Laser System measures Front End and Rear End Alignment***
- ***Improve Tire Wear & Handling***
- ***Increase Profits***
- ***Increase Alignment Accuracy***
- ***10 Minute Alignment Check on Any Truck***

protrak QCT

GDL
Jacks & Hoists

HYDRAULIC FLOOR JACKS
Part No. GD-810, 2 ton hydraulic floor jack.
Part No. GD-811, 2-1/4 ton industrial floor jack.
Part No. GD-812, 3 ton industrial floor jack.

HYDRAULIC BOTTLE JACKS
Part No. GD-840, 2 ton.
Part No. GD-841, 4 ton.
Part No. GD-842, 6 ton.
Part No. GD-843, 8 ton.
Part No. GD-844, 10 ton.
Part No. GD-845, 12 ton.
Part No. GD-848, 20 ton.
Part No. GD-849, 20 ton (low profile).
Part No. GD-851, 32 ton.
Part No. GD-853, 50 ton.

JACK STANDS
Part No. GD-880, 3 ton ratchet type jack stand.
Part No. GD-882, 6 ton ratchet type jack stand.
Part No. GD-884, 12 ton ratchet type jack stand.

ENGINE CRANES
Part No. GD-901, 2 ton engine crane c/w 8 ton jack, folding.

CHAIN HOISTS
Part No. GD-920, 1 ton.
Part No. GD-921, 2 ton.
Part No. GD-922, 3 ton.
Part No. GD-923, 5 ton.

PLEASE NOTE: Items may not be exactly as illustrated.

NORCO
Bottle Jacks

INTENDED USE FOR 2, 3, 5, AND 8 TON CAPACITY: For automotive, industrial, agricultural, marine, recreation and construction applications where lifting, pushing, spreading, bending, pressing or straightening are required.
INTENDED USE FOR 12, 20, 30 AND 50 TON CAPACITY: For use in heavy duty trucks, farm equipment, building construction, construction and mining equipment, oil field applications and as original equipment for manufacturers of many products.

PART NO.	DESCRIPTION	HEIGHT COLLAPSED	HEIGHT EXTENDED*	SCREW TOP EXTENSION HEIGHT
76502	2 ton capacity standard bottle jack	7-1/8”	14-1/4”	2-3/8”
76503	3 ton capacity standard bottle jack	7-3/8”	15”	2-3/4”
76505	5 ton capacity standard bottle jack	9-1/16”	18-9/16”	3-3/16”
76508	8 ton capacity standard bottle jack	9-1/16”	18-5/16”	3-1/8”
76512	12 ton capacity low profile H.D. bottle jack	6-11/16”	13-3/16”	2-3/4”
76412	12 ton capacity H.D. bottle jack	9-7/16”	18-7/8”	3-9/16”
76820	20 ton capacity low profile H.D. bottle jack	8-1/4”	14-15/16”	2-3/4”
76520	20 ton capacity H.D. bottle jack	10-13/16”	20-3/16”	2-3/4”
76530A	30 ton capacity H.D. industrial bottle jack	11”	17-3/8”	-
76550	50 ton capacity H.D. industrial bottle jack	12”	18-11/16”	-

**Note: Screw top height included in height extended measurement.*

Special Application Jacks

76403

76637

INTENDED USE FOR LONG HAND JACKS: Various farm applications, but primarily used as original equipment for manufacturers of shop cranes, lift tables and any equipment requiring long hydraulic stroke.
INTENDED USE FOR TELESCOPIC HAND JACK: Low profile design in order to raise fork lifts and for machinery moving applications.

PART NO.	DESCRIPTION	HEIGHT COLLAPSED	HEIGHT EXTENDED
76402	1-1/2 ton capacity long hand hydraulic bottle jack	22-1/2”	40-1/2”
76403	3 ton capacity long hand hydraulic bottle jack	24”	41-1/8”
76403L	3 ton capacity extra long hand hydraulic bottle jack	28-7/8”	52-7/8”
76637	7/7/3 ton capacity 3-stage telescopic hydraulic jack	4-7/8”	10-5/8”

Floor Service Jacks

INTENDED USE FOR 2-1/4 TON CAPACITY: A heavy duty floor jack designed for a variety of automotive shop uses where additional strength and dependability are required.
INTENDED USE FOR 5 TON CAPACITY: Truck fleet, truck and farm equipment dealers and bus company garages.
INTENDED USE FOR 10 AND 20 TON CAPACITY: Heavy duty truck, heavy construction and agricultural equipment maintenance garages.

PART NO.	DESCRIPTION	HEIGHT COLLAPSED	HEIGHT EXTENDED	LENGTH OF JACK
71230A	2-1/4 ton capacity floor service jack	3-3/4"	20"	28-1/2"
71500E	5 ton capacity floor service jack	5-5/8"	27-1/4"	62-1/4"
71000D	10 ton capacity floor service jack	6-1/8"	27-1/4"	68-1/2"
72220A	20 ton capacity floor service jack	7-3/4"	23-3/4"	65-1/2"

Air Operated Hydraulic Floor Jacks

INTENDED USE FOR 22 TON CAPACITY: Heavy duty truck, agricultural and heavy construction equipment. Ideal for loaded truck and trailer roadside service calls. Heavy enough for rail and bus work.

PART NO.	DESCRIPTION	HEIGHT COLLAPSED	HEIGHT EXTENDED	LENGTH OF JACK
72200C	22 ton capacity air/hydraulic floor jack	9"	18"	20"

Air Lift Jacks

INTENDED USE FOR 2-1/2 TON CAPACITY: For fast lifting and easy lowering of automobiles, vans, pick-up trucks and light service vehicles. Ideal for repair bays and service stations. Requires 175 PSI pressure to get maximum lift.

PART NO.	DESCRIPTION	HEIGHT COLLAPSED	HEIGHT EXTENDED	LENGTH OF JACK	WIDTH CLOSED	WIDTH EXTENDED
82920	2-1/2 ton capacity low profile air lift jack	6-1/2"	31-1/2"	40"	36"	57"
82925	2-1/2 ton capacity air lift jack	8-3/8"	35-1/2"	36"	36"	57"

INTENDED USE FOR 5 AND 10 TON CAPACITY: Truck and farm equipment dealer garages, heavy duty construction repair shops and bus company garages. Portable air lift jack is ideal for crowded conditions that require single point contact, use in pairs. 10 ton requires 200 PSI pressure to get maximum lift, 5 ton requires 175PSI pressure to get maximum lift.

PART NO.	DESCRIPTION	HEIGHT COLLAPSED	HEIGHT EXTENDED	LENGTH OF JACK	WIDTH CLOSED	WIDTH EXTENDED
82950	5 ton capacity air lift jack	12-1/2"	47-1/2"	45"	38-1/2"	54"
82999	10 ton capacity air lift jack	12-1/2"	50"	40-1/2"	35-1/2"	50-1/2"
82990C	10 ton capacity portable air lift jack	17-3/4"	49-3/8"	23"	-	-

Jack Stands

INTENDED USE FOR 3 AND 6 TON CAPACITY: For automotive use where vehicle is to be supported before making repairs. Stands are sold individually but intended to be used in pairs.
INTENDED USE FOR 10 AND 12 TON CAPACITY: Fleet garages, agricultural and construction maintenance shops. Stands are sold individually but intended to be used in pairs.

PART NO.	DESCRIPTION	HEIGHT COLLAPSED	HEIGHT EXTENDED	LIFT INTERVALS
81004C	3 ton capacity ratcheting jack stand	12"	17-1/2"	9/16"
81205	5 ton capacity low profile pin type jack stand	9-1/2"	15-3/4"	2"
81006D	6 ton capacity ratcheting jack stand	16-1/4"	24-7/8"	5/8"
81209	10 ton capacity low profile pin type jack stand	18-1/2"	30"	1-1/2"
81210	10 ton capacity pin type jack stand	28"	47"	2"
81012	12 ton capacity ratcheting jack stand	19-5/8"	29-3/8"	1-1/4"

81205

81209

norco

Under Hoist Stands

81034A

81035A

INTENDED USE FOR 3/4 TON CAPACITY: Designed to support vehicle components, not the vehicle. Ideal for exhaust systems installation, shock absorber replacement and any task which requires relieving pressure off components.
INTENDED USE FOR 1-1/2 TON CAPACITY: To assist in stabilizing and supporting a vehicle that is raised by an in-ground or above-ground lift.

PART NO.	DESCRIPTION	HEIGHT COLLAPSED	HEIGHT EXTENDED
81033A	3/4 ton capacity under hoist vehicle component stand	55-1/4"	81-1/2"
81034A	3/4 ton capacity under hoist vehicle component stand (with pedal adjustment)	55-1/4"	81-1/2"
81035A	1-1/2 ton capacity under hoist vehicle stabilizing stand	48-7/8"	85-3/8"

Transmission Jacks

72050C

72500E

INTENDED USE FOR 1/2 TON CAPACITY: For removal and installation of automobile and light truck transmissions or differentials.
INTENDED USE FOR 1-1/2 TON CAPACITY: For heavy truck transmissions. Ideally suited for truck dealers, maintenance and heavy duty transmission repair centres.
INTENDED USE FOR 1/2 TON CAPACITY SINGLE PUMP TELESCOPIC: Designed for the removal, installation and transportation (in lowered position) of transmissions and transfer cases on passenger cars, vans and light trucks that are raised by an in-ground or above-ground lift.

PART NO.	DESCRIPTION	HEIGHT COLLAPSED	HEIGHT EXTENDED
72050C	1/2 ton capacity auto/light truck transmission jack	7-3/4"	30-3/8"
72500E	1/2 ton capacity telescopic auto/light truck transmission jack	35-1/2"	72"
72000D	1-1/2 ton capacity heavy duty transmission jack	7-3/4"	36-1/2"

ADAPTERS - Fits models 72050C and 72500D
Part No. 72501B, Adapter for use on GMC - 4WD transmission case.
Part No. 72502B, Adapter for use on 4 and 5 speed truck transmissions.
Part No. 72504B, Adapter for use on GMC front wheel drive transmissions.

ADAPTER - Fits model 72000D
Part No. 72001, Differential adapter - fits most differentials and replaces the universal saddle when used.

Clutch Jacks

INTENDED USE: To remove, install and transport (in the lowered position) both 14" and 15-1/2" heavy duty clutches and flywheels.

PART NO.	DESCRIPTION	HEIGHT COLLAPSED	HEIGHT EXTENDED
72030A	300 lb. capacity clutch jack	11-1/8"	38-3/4"

72030A

Wheel Dollies

82303A

82300C/82301C

INTENDED USE: For the removal and installation of single, tandem, and duplex tires and wheels.

PART NO.	DESCRIPTION	HEIGHT COLLAPSED	HEIGHT EXTENDED	LENGTH OF JACK
82303A	1/2 ton capacity dual wheel dolly- 4 swivel casters - lift and tilt - will lift and tilt up to a 45° angle, for servicing and easy oil draining	2-3/8"	5-3/4"	39-1/2"
82300C	1 ton cap. dual wheel dolly - 1 rear swivel caster	1-7/8"	7-1/2"	50-1/2"
82301C	1 ton capacity dual wheel dolly- front and rear swivel casters	1-7/8"	7-1/2"	50-1/2"

Floor & Truck Cranes

78204A

78600A

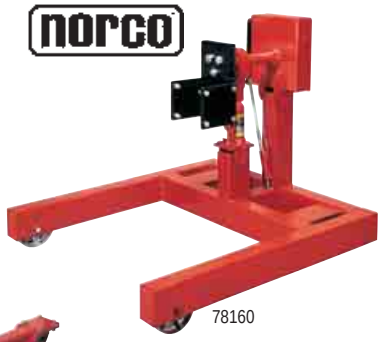
INTENDED USE: Designed to raise, lower, and transport automobile engines, transmissions, differentials, and other heavy loads with minimal effort.

Part No. 78204A, Truck Crane w/ winch - 1/2 ton capacity. Mounts in the bed of a truck or on a loading dock - four position foldable telescopic boom with 3/8" proof chain and hook - lockable 360° swivel crane.
Part No. 78600A, Floor Crane - 3 ton capacity. Multiple boom and leg extensions provide maximum stability - boom swivels 10° right or left if base cannot be centred under the load - floor lock secures crane - includes a foot activated air/hydraulic foot pump requiring 100 PSI air pressure.

Engine Stands

Part No. 78100, Engine Stand - 1000 lbs. capacity. For safe handling and positioning of most automotive engines.
Part No. 78108, Engine Stand - 1250 lbs. capacity. Same as model 78100 except with heavier construction to handle the largest V8s.
Part No. 78160, Diesel Engine Stand - 3 ton capacity. For safe handling and positioning of most diesel engines.

78100


78160

ENGINE MOUNTING ADAPTERS - Fits model 78160
Part No. 78162, Detroit engine mounting adapter.
Part No. 78163, Cummins engine mounting adapter.
Part No. 78164, Caterpillar engine mounting adapter.
Part No. 78165, International Harvester engine mounting adapter.
Part No. 78166, Mack engine mounting adapter.
Part No. 78167, Allison transmission mounting adapter.

78024

Shop Presses

INTENDED USE: Straightening, bending, and pressing. Removing and installing gears, bearings, and bushings.

Part No. 78022D, Standard manually operated shop press - 20 ton capacity
Part No. 78024, Deluxe air/hydraulic operated shop press - 25 ton capacity
Part No. 78000, Pair of 1" x 4" x 10" arbor plates, for use with 20 ton capacity shop presses

Hand/Air Hydraulic Pumps

INTENDED USE FOR HAND/AIR HYDRAULIC PUMPS: For many applications including shop, agricultural, automotive/truck service needs and construction maintenance applications where high pressure pumps are required to activate rams rated as high as 55 ton capacity.

925012A

910018B

925013A

Part No. 925012A, Single stage hand pump, 10,000 PSI - lightweight.
Part No. 925013A, Two stage hand pump, 350/10,000 PSI - steel.
Part No. 910017B*, Air/hydraulic foot pump with 127 cubic inch reservoir. Air motor reduces pumping time and effort. Requires only 80 PSI air pressure to develop 10,000 PSI hydraulic pressure.
Part No. 910018B*, Air/hydraulic foot pump. Same as #910017B, except has a 462 cubic inch reservoir.
*Designed to be used with single-acting cylinders

Hydraulic Rams & Attachments

INTENDED USE: For many applications including shop, agricultural, automotive/truck service needs and construction maintenance applications where lifting, pushing, pulling, bending or holding may be required.

PART NO.	DESCRIPTION	STROKE	MINIMUM HEIGHT	MAXIMUM HEIGHT
910028A	Hydraulic wedge ram - 1 ton capacity		3/8" (closed)	3-11/16" (open)
910027A	Hydraulic single-acting ram w/ 2 adapters - 10 ton cap.	2-1/8"	4-1/2"	6-5/8"
910026A	Hydraulic single-acting ram - 10 ton capacity	6-1/8"	12-1/2"	18-5/8"
910029A	Hydraulic single-acting ram - 10 ton capacity	10-1/8"	16-1/2"	26-5/8"
925026B	Hydraulic single-acting ram - 20 ton capacity	1-3/4"	3-7/8"	5-5/8"
925025A	Hydraulic single-acting ram - 25 ton capacity	6-1/4"	14-7/8"	21-1/8"
925027A	Hydraulic single-acting ram - 25 ton capacity	14-1/4"	22-7/8"	37-1/8"
955019A	Hydraulic single-acting ram - 55 ton capacity	6-1/4"	11-1/8"	17-3/8"

ATTACHMENTS
Part No. 910043A, 3-1/2" x 6-1/2" flat base for 10 ton hydraulic rams.
Part No. 910044A, Male connector for flat base to 10 ton hydraulic rams.
Part No. 910046A, 1-3/8" diameter grooved saddle for 10 ton hydraulic rams.
Part No. 925142A, 6-1/2" diameter base for 25 ton hydraulic rams.
Part No. 925143A, Male connector for flat base to 25 ton hydraulic rams.
Part No. 925141A, 2" diameter grooved saddle for 25 ton hydraulic rams.

Collision Repair Kits

Part No. 904004B, 4 ton capacity collision repair kit. Used for collision repair, industrial and construction applications where convenience of hydraulic power can be utilized for spreading, clamping, pulling and lifting operations.

Part No. 910005B, 10 ton capacity collision repair kit. Used for the same applications as #904004B repair kit, plus heavier jobs such as automotive frame straightening.

Part No. 920020, 20 ton capacity deluxe collision repair kit. For repairing heavy road machinery, trucks, farm equipment, and also used for some heavy construction applications. Two steel cases with carrying handles share the weight for easier handling. Two speed pump quickly raises ram to load and secondary pump provides powerstroke.

910005B

920020

Gregg Distributors Ltd. — A Red, White, & True Canadian Company!

PULL BACK RAM
•Made from A-500 steel •Overall length 29" •6" stroke •10 ton pull ram
Part No. 647-760.

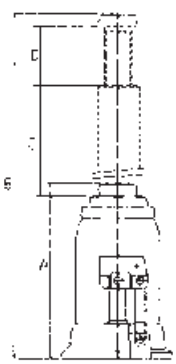
SHINN FU CO. OF AMERICA/OMEGA

Conventional Hydraulic Hand Jacks

FEATURES: Machined and polished cylinders with die-cut threads provide non abrasive leakfree, durable performance. Hydraulic system is protected from internal damage by a patented by-pass mechanism.

PART NO.	CAPACITY	HEIGHT COLLAPSED (A)	HEIGHT EXTENDED (B)	HYDRAULIC LIFTING (C)	SCREW EXTENSION HEIGHT (D)	LENGTH OF JACK
10025C	2 ton	7-1/8"	13-3/4"	4-5/8"	2"	3-3/4"
10045C	4 ton	8-1/8"	15-1/2"	5"	2-3/8"	4"
10065C	6 ton	8-1/2"	16-5/8"	5-1/4"	2-7/8"	4-3/8"
10085C	8 ton	8-7/8"	17-5/8"	6"	2-3/4"	4-3/4"
10125C	12 ton	9-1/2"	18-5/8"	6"	3-1/8"	5-1/4"
10129C	12 ton	6"	10-5/8"	3"	1-5/8"	5-1/4"
10205C	20 ton	9-1/2"	18-5/8"	6"	3-1/8"	6-1/4"
10209C	20 ton	6-1/2"	11-1/4"	3-1/8"	1-5/8"	6-1/4"
10300	30 ton	11"	18"	7"	N/A	8-1/8"
10500	50 ton	9-1/2"	13-7/8"	4-3/8"	N/A	10-3/4"

In-Line Hydraulic Hand Jacks



FEATURES: Extra large base provides added stability and strength. Easiest accessible pumping system eliminates off-centre pumping force for the most efficient operation. Unique cross-type forged release valve assures positive control.

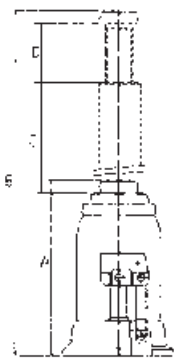
PART NO.	CAPACITY	HEIGHT COLLAPSED (A)	HEIGHT EXTENDED (B)	HYDRAULIC LIFTING (C)	SCREW EXTENSION HEIGHT (D)	LENGTH OF JACK
10120	12 ton	9-1/2"	18-5/8"	6"	3-1/8"	7"
10128	12 ton	6"	10-3/4"	3-1/8"	1-5/8"	7"
10200	20 ton	9-1/2"	18-5/8"	6"	3-1/8"	7-3/4"
10208	20 ton	6-1/2"	11-1/4"	3-1/8"	1-5/8"	7-3/4"

Hydraulic Toe Jacks

FEATURES: Heat treated and chrome medium-carbon steel cylinder. Chrome piston and welded style base. Swivel handle sleeve, 28" handle length. Patented built-in by-pass device mechanism.

PART NO.	CAPACITY	HEIGHT COLLAPSED	HEIGHT EXTENDED	OPERATING FORCE	VOLUME OF HD. OIL	BASE SIZE
13120	12 ton	10-1/2"	16-1/2"	61.0 LB	360 C.C.	11" x 7/8"
13200	20 ton	10-3/4"	15-7/8"	70.0 LB	445 C.C.	11-5/8" x 9"

Air-Actuated & Manually Operated Hydraulic Hand Jacks



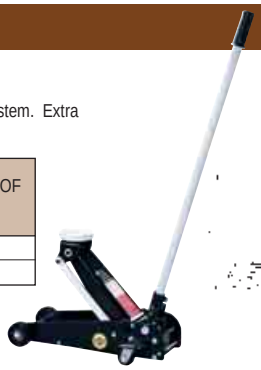
FEATURES: Effortless air operation will greatly eliminate operator fatigue and speed up the efficiency of garage work. Versatile "Quick Connector" design provides for easy removal of air hose from air motor allowing compact storage or remote operation. High speed air TurboMotor™ efficiently raises saddle to desired height. Fingertip remote control for added safety without sacrificing the manual operation.

PART NO.	CAPACITY	HEIGHT COLLAPSED (A)	HEIGHT EXTENDED (B)	HYDRAULIC LIFTING (C)	SCREW EXTENSION HEIGHT (D)	LENGTH OF JACK
18122	12 ton	9-1/2"	18-5/8"	6"	3-1/8"	8-1/8"
18202	20 ton	9-1/2"	18-5/8"	6"	3-1/8"	8-7/8"
18302	30 ton	11"	18"	7"	N/A	10-1/4"
18502	50 ton	12"	19"	7"	N/A	10-7/8"
18992	100 ton	12"	18-1/8"	6-1/8"	N/A	12-5/8"

Conventional Hydraulic Service Jacks (Short Chassis Model)

FEATURES: Large saddle. Hydraulic unit is protected from internal damage due to ram overtravel by safety by-pass system. Extra wide wheels and solid stance designed for stability under load stress. SpeedyLift™ foot pedal for fast, no load lifts.

PART NO.	CAPACITY	HEIGHT COLLAPSED (A)	HEIGHT EXTENDED (B)	HANDLE LENGTH (C)	SADDLE DIAMETER	LENGTH OF JACK
21025	2-1/2 ton	5"	19"	42-1/8"	5-1/8"	25-3/8"
21030	3 ton	5-1/4"	19"	42-1/8"	4-7/8"	25"



Conventional Hydraulic Service Jacks (Long Chassis Model)

FEATURES: Wide stance, and low centre of gravity provide optimum stability under load stress. Heavy gauge, sturdy frame helps prevent distortion or twisting. Handle actuated release valve provides precise metered control of lowering speed. Foot pedal operation provides quick, no load lifts to load point.

PART NO.	CAPACITY	HEIGHT COLLAPSED (A)	HEIGHT EXTENDED (B)	HANDLE LENGTH (C)	SADDLE DIAMETER	LENGTH OF JACK
22040	4 ton	5"	24"	42-1/8"	5-1/2"	53-1/8"
22050	5 ton	7"	27"	42-1/8"	6-5/8"	57-3/4"
22100	10 ton	7"	27"	42-1/8"	7-3/8"	54-3/4"

Air-Actuated/Manually Operated Hydraulic Service Jacks

FEATURES: (*SHORT CHASSIS MODEL) - Designed for most general purpose lifting requirements, with safe and stable load handling characteristics. High speed TurboMotor™ efficiently raises saddle to desired height. Versatile "Quick Connector" design provides for easy removal of air hose from air motor allowing compact storage or remote operation. Handle actuated release valve provides metered control at any desired lowering speed. (LONG CHASSIS MODELS) - Designed with heavy gauge, sturdy frame that helps prevent distortion or twisting. A wide, rugged base provides stability and strength. Critical stress points are reinforced in all models for added durability and dependability. Fingertip remote control for added safety without sacrificing the manual operation. Foot pedal operation provides quick, no load lifts to load point.

PART NO.	CAPACITY	HEIGHT COLLAPSED (A)	HEIGHT EXTENDED (B)	HANDLE LENGTH (C)	SADDLE DIAMETER	LENGTH OF JACK
21032*	3 ton	5-1/4"	19"	42-1/8"	5-1/8"	30"
22041	4 ton	5"	24"	42-1/8"	5-1/2"	53-1/8"
22051	5 ton	7"	27"	42-1/8"	6-5/8"	57-3/4"
22101	10 ton	7"	27"	42-1/8"	7-3/8"	54-3/4"
22201	20 ton	7"	26"	46-1/2"	6-1/2"	63"

Magiclift Hydraulic Service Jacks

FEATURES: A revolutionary technology of super fast lifting speed for professional mechanics, after the first pump reaches the lifting point, the jack continues with extraordinary lifting speed to raise the load. Heavy gauge construction with rigid universal joint valve for professional performance. In-line pumping assembly allows direct alignment of pump and cylinder to eliminate off centre operating forces.

PART NO.	CAPACITY	HEIGHT COLLAPSED (A)	HEIGHT EXTENDED (B)	HANDLE LENGTH (C)	SADDLE DIAMETER	LENGTH OF JACK
25025	2-1/2 ton	3-3/4"	20"	49-7/8"	5-1/2"	29-3/4"
25030	3 ton	5-3/4"	20"	42-1/8"	5-1/2"	27-3/4"
25037*	3 ton	4"	23"	49-7/8"	5-1/2"	31-7/8"
25048	4 ton	5"	24"	49-1/2"	5-1/2"	53-1/8"
25057•	5 ton	6-1/2"	22-1/4"	40-5/8"	6-1/2"	52-5/8"
25058	5 ton	7"	27"	49-1/2"	6-5/8"	57-3/4"
25108	10 ton	7"	27"	48"	7-3/8"	54-3/4"

*For SUV's •Made in China
Part No. H25021, One piece handle for 25025.
Part No. RB25021, Rubber bumberpad for 25025, 25030, and 25037.

Air-Actuated Hydraulic Treadle Pumps

FEATURES: Built in overload circuit - protects equipment. Foot actuated and released - keeps hands free for set up.

PART NO.	CAPACITY	VOLUME OF HD. OIL	OIL OUTLET	PUMP SIZE
22903	10,000 PSI	91.5 CU. IN	3/8" NPT	10" x 5" x 7-1/8"
22905	10,000 PSI	122 CU. IN	3/8" NPT	10-7/8" x 5-3/4" x 8-5/8"

22903

22905

SHINN FU CO. OF AMERICA/OMEGA

Air-Actuated Hydraulic Axle Jacks

FEATURES: Compact, low profile design for maximum access, which fits easily and safely between wheels of a tandem axle vehicle. Handle-top metered control release valve for easy height adjustment. Quick rated capacity lift using air-actuated operation. User-friendly, self-returning spring minimizes operator's effort. Fingertip remote control for added safety without sacrificing the manual operation.

PART NO.	CAPACITY	HEIGHT COLLAPSED	HEIGHT EXTENDED	SCREW EXTENSION HEIGHT	HANDLE LENGTH	LENGTH OF JACK
23221	22 ton	9-1/2"	19-1/2"	4-1/2"	40-7/8"	22-7/8"
23227	22/35 ton	8"	19-1/2"	3-1/8"	40-7/8"	21-5/8"
23301	30 ton	11"	18"	N/A	40-7/8"	22"
23401	20/40 ton	7-1/8"	14-1/4"	N/A	51-1/8"	78-3/4"
23501	50 ton	12"	19"	N/A	40-7/8"	22-7/8"
23991	100 ton	12"	18-1/8"	N/A	40-7/8"	26"

Part No. SA23221, 2-1/2" extension saddle for #23221.

Air-Actuated Hydraulic Forklift Jacks

FEATURES: Massive side frames add strength. Precision control of lifting and lowering functions. Universal, serrated saddle grips load positively. #28045 without air TurboMotor™, #28047 with air High speed TurboMotor™.

PART NO.	CAPACITY	HEIGHT COLLAPSED	HEIGHT EXTENDED	HANDLE LENGTH	LENGTH OF JACK
28045	4 ton	2-1/8"	17-1/8"	29-1/2"	29-3/4"
28047	4 ton	2-1/8"	17-1/8"	29-1/2"	29-3/4"

Heavy Duty Jack Stands

FEATURES: Sturdy, welded steel construction for superior safety and strength. One piece, multi-position ductile ratchet bar provides super strength and durability, and quick adjustment mechanism that securely locks into desired location. Counterweighted pawl serves as a safe, secure locking device to prevent the load from accidentally disengaging. Stands are sold individually but intended to be used in pairs.

PART NO.	CAPACITY	HEIGHT COLLAPSED	HEIGHT EXTENDED	SADDLE SIZE	BASE SIZE (L X W)
32035	3 ton	11-1/2"	17"	3-1/2" x 1"	6-3/4" x 7-3/4"
32065	6 ton	15-3/8"	24-1/4"	4-1/4" x 1-1/4"	8-7/8" x 10-7/8"
32125	12 ton	17-1/2"	27-1/4"	4-5/8" x 1-1/2"	12" x 10-3/4"

Heavy Duty Engine Stands

30750

FEATURES: Constructed from heavy-gauge welded square tubular steel. Head plate locks in 8 positions and rotates 360°. Extra long handle with rubber grip for easy rotation.

PART NO.	CAPACITY	TYPE	OVERALL HEIGHT	HEAD PLATE	WHEEL DIA.	CASTER DIA.	HEAD PLATE THICKNESS
30750	750 lb.	H Type	36-3/4"	10" x 6"	3"	3-1/2"	3/8"
31250	1250 lb.	U Type	42-3/4"	N/A	3-1/2"	N/A	7/8"

Auxiliary Stands

33020

31500

PART NO.	DESCRIPTION	CAPACITY	HEIGHT COLLAPSED	HEIGHT EXTENDED	SADDLE SIZE
33020	Tripod under hoist stand	2 ton	67"	76"	5-1/4" x 1-5/8"
31500	Auxiliary stand	1500 lbs.	53-5/8"	79-1/8"	5-1/4" x 1-5/8"
31501	Auxiliary stand with foot pedal	1500 lbs.	53-3/8"	79"	5-1/4" x 1-5/8"

Heavy Duty Hydraulic Telescopic Transmission Jacks

FEATURES: Specially designed for removal and installation of transmissions in vehicles that are raised by an in ground or above ground lift. Two stage chrome-plated rams maximize its high reach operated by a user friendly foot pedal. Extra wide base lowers centre of gravity and promotes stability. A unique handy release pedal provides safety in lowering the load.

PART NO.	DESCRIPTION	CAPACITY	HEIGHT COLLAPSED	HEIGHT EXTENDED	SADDLE SIZE
41000	Transmission jack	1000 lbs.	36-3/4"	76-5/8"	8-7/8" x 7-1/8"
42003	Transmission jack	2000 lbs.	48-5/8"	77-3/8"	15-1/2" x 12-5/8"

Air Actuated Telescopic Transmission Jacks

FEATURES: A compact yet powerful Air Turbo Motor is equipped to raise the load to the desired height efficiently, effortlessly, and safely.

PART NO.	DESCRIPTION	CAPACITY	HEIGHT COLLAPSED	HEIGHT EXTENDED	SADDLE SIZE
41001	Transmission jack with air Turbo Motor™	1000 lbs.	36-3/4"	76-5/8"	8-7/8" x 7-1/8"
42001	Transmission jack with air Turbo Motor™	2000 lbs.	48-5/8"	77-3/8"	15-1/2" x 12-5/8"

Heavy Duty Hydraulic Transmission Jacks – Conventional Design, Low Profile

FEATURES: Ideal for removal and installation of automobile and light truck transmissions or differentials. Load restraining chain, which is vital for raising and lowering safety. Built-in by pass device protects hydraulic system from overpumping damage. Four wheel castors allow easy movement, easy positioning of transmission jack. User friendly 360° rotating pumping socket for the maximum in directional operation. 22-1/2" handle length.

PART NO.	CAPACITY	HEIGHT COLLAPSED	HEIGHT EXTENDED	SADDLE BASE
41100	1100 lbs.	8-1/2"	24-3/4"	12-5/8" x 7-7/8"
42000	2000 lbs.	7-7/8"	33-1/2"	14-1/4" x 8"
43000	1-1/2 ton	10-1/4"	39"	15-1/2" x 13-1/4"

Heavy Duty Engine Cranes

FEATURES: Space saver crane is constructed of heavy gauge welded tubular steel. The special 8 ton hydraulic long ram equipped built-in by-pass device mechanism.

Part No. 44010, Engine Crane Foldable - 1 ton capacity. - Three locking positions. Unique design permits compact storage in the closed position.

Part No. 44020, Engine Crane - 2 ton capacity. - Four locking positions. Adjustable front and rear legs for versatility in positioning hoist.

Hydraulic Long Rams

FEATURES: Long rams have internal load-limiting device to protect crane and user from overload. Metered release valve enables operator to lower boom at a controlled rate of speed. Long rams are designed to fit Omega engine cranes only.

PART NO.	DESCRIPTION	HEIGHT COLLAPSED	HEIGHT EXTENDED	LENGTH OF JACK	HANDLE LENGTH
44940	Conventional design - 4 ton	19-3/8"	34-3/4"	5-1/8"	19-5/8"
44980	Conventional design - 8 ton	23-5/8"	42-3/4"	5"	19-5/8"
44981	Air-actuated/manually operated - 8 ton	23-5/8"	42-3/4"	7-1/8"	19-5/8"

Heavy Duty Wheel Dolly

FEATURES: Hydraulic system actuated to provide smooth, positive power for the removal and installation of single, tandem and duplex tires and wheels. Heavy duty tubular construction with precision crafted cradle rollers.

PART NO.	CAPACITY	LIFTING RANGE	LIFTING ARM DIM.	LENGTH OF DOLLY RANGE	TILTED
47050	3/4 ton	3" - 9"	27-1/2" x 26"	42-7/8"	-2.5° - 5.5°

SHINN FU CO. OF AMERICA/OMEGA

Hydraulic Body Repair Kits & Attachments

FEATURES: A must for body collision repair use. Designed for applications of pushing, spreading, and pressing of vehicle body panels as well as various component parts and assemblies. A variety of attachments are included. Pumps are rated from 8,000 to 10,000 PSI.

Part No. 50040, 4 ton body repair kit with plastic case. Kit includes: 6 ft. hose, ram assembly, 19-1/2", 16-1/2", 8-1/2", 6-1/8" and 3" extension tubes, male connector, wedge head, serrated saddle, flat base, ram toe, plunger toe, 2-3/4" rubber head, 90° combination head, hydraulic spreader, blow case.

Part No. 50100, 10 ton body repair kit with plastic case. Kit includes: 6 ft. hose, ram assembly, 27", 18", 10", 4-1/8" extension tubes, male connector, wedge head, serrated saddle, flat base, ram toe, plunger toe, 2-3/4" rubber head, 90° combination head, hydraulic spreader, blow case.

Heavy Duty Hydraulic Presses & Hand Pump & Cylinder Kits

FEATURES: Ideal for the removal or installation of gears, universal joints, pulleys, wrist pins, and other various press jobs. Also excellent for any bending, bonding, or straightening applications. Heavy duty return springs for fast ram return. Multi position bed for work height adjustment. Heavy steel, welded construction.

PART NO.	DESCRIPTION	CAPACITY	RAM STROKE	WORKING SPACE MIN.	WORKING SPACE MAX.	BED POSITION
60120	Shop / bench press with bottle jack	12 ton	9-1/8"	2-5/8"	34-3/8"	8
60123	Shop / bench press with hand pump	12 ton	6"	3"	34-3/4"	8
65123	Shop / bench press with hand pump	12 ton	6"	3-1/4"	16-7/8"	4
60200	Shop / bench press with bottle jack	20 ton	9-1/8"	2-1/2"	29-5/8"	8
60253	Shop / bench press with hand pump	25 ton	6"	2-1/2"	34-1/4"	8

Part No. 55101, Optional air-actuated hand pump - 10,000 PSI capacity.
Part No. 55125, Replacement 12 ton hand pump for part no. 65123 and 60123 bench press only.
Part No. 55255, Replacement 25 ton hand pump for part no. 60253.

Hydraulic Pipe Bender

FEATURES: Heavy steel, welded construction. Complete with 8 attachments for a wide variety in uses. Shoe attachments - 8 pcs. (1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3").

PART NO.	CAPACITY	RAM LIFT	MAX. PRESSURE	HYD HOSE MAX. PRES.
66150	15 ton	9-7/8"	10,000 PSI	10,000 PSI

Hydraulic Strut Spring Compressor

FEATURES: Smooth, long stroke hydraulic actuator. Adjustable strut shaft clasp secures the strut during operation. Angle rotatable spring clasp bracket fits most models and sizes. Extendable spring clasp holder with linear adjustment. Sliding ram bracket provides multiple height adjustment.

PART NO.	MAX. WORK SPACING	VOL. OF HD. OIL	HANDLE LENGTH	PUMP SIZE	HYDRAULIC STROKE
90000	15-1/2"	16.5 CU. IN.	16-7/8"	12-7/8"	10"

Part No. 90001, Optional leg assembly for easy maneuverability.

Jacks & Lift Equipment

BOTTLE JACKS

•Adjustable top screw •Heavy duty base
Part No. W1621, 2 ton, 7-1/8" to 13½".
Part No. W1623, 4 ton, 7-5/8" to 14-5/8".
Part No. W1625, 6 ton, 8½" to 16¼".
Part No. W1628, 8 ton, 9" to 17-7/8".
Part No. W1632, 12 ton, 9¼" to 18½".
Part No. W1633, 20 ton, 9½" to 18-3/8".

Part No. W41027, 8 ton replacement ram.

JACK STANDS

•Lever action for easy adjustments •Wide, heavy duty base •Ductile iron saddle and pawl
Part No. W41021, 2 ton, 10-3/8" to 16-3/8".
Part No. W41022, 3 ton, 11-1/4" to 16-3/4".
Part No. W41023, 6 ton, 15-1/2" to 23-3/4".

3 TON RAPID LIFT FLOOR JACK

•Heavy duty construction •6,000 lb. capacity •4-5/8" to 19-3/4" lift range •Rapid lift feature allows you to quickly raise jack into position under the vehicle
Part No. W1616.

2 TON TROLLEY JACK

•Heavy duty construction •4,000 lb. capacity •5" to 15" lift range
Part No. W1614.

2¼ TON TROLLEY JACK

•Heavy duty construction •4,500 lb. capacity •5¼" to 15½" lift range •Clean and easy storage with blow molded plastic case
Part No. W1611.

2½ TON SERVICE JACK

•Heavy duty construction •5,000 lb. capacity •5" to 19¼" lift range
Part No. W1612.

3 TON HEAVY DUTY SERVICE JACK

•Heavy duty construction •6,000 lb. capacity •5½" to 21¼" lift range •Long frame design
Part No. W1617.

1.5 TON ALUMINUM RACING JACK COMBO WITH 2 TON JACK STANDS

Racing Jack Features: •3000 lb. capacity •3" to 15" lift range •Rubber saddle prevents marring, rotates 360° •5 pumps to max height •Dual piston •Light weight aircraft aluminum •40" cushion grip handle
Jack Stand Features: •4000 lb. capacity •10¼" to 15¼" range •Anodized to help prevent rust •7" footprint for stability •Disassemble for compact storage
Part No. W1601.

WIL/4022

3 WHEEL ENGINE STAND

•3 wheel design •Rotates 360° and locks in 6 positions •Heavy duty reinforced mounting head
Part No. W41024, 750 lb.

4 WHEEL ENGINE STANDS

•4 wheel design •Rotates 360° and locks in 6 positions •Heavy duty reinforced mounting head
Part No. W41025, 1000 lb.
Part No. W41031, 1,250 lb.

2 TON FOLDING ENGINE CRANE

•Heavy duty construction •4,000 lb. capacity •Fully adjustable, telescoping 4 position boom with chain and hook •Quickly folds compact for easy roll away storage •6 caster wheels •8 ton ram
Part No. W41029.

MULTI-PURPOSE LIFT

•Heavy duty construction •1,250 lb. capacity •Lift range: 4½" to 16½" •Two safety bolts ensures stability •Three position locking levers •Non-slip rubber foot pedal •Easy to roll steel swivel casters •Great for motorcycles, ATV's, jet skis and more •Comes with 4 piece tie down set
Part No. W41035.

TRANSMISSION ADAPTER

•Converts floor jacks into transmission jacks •Fits all jacks with 1-5/32" removable saddle shaft •Tilts forward and back and includes safety chain

Part No. W41044.

(Jack not included)

3/4 TON ENGINE LEVELER

•Drop forged steel construction •Heat treated chain and hooks •Fully adjustable with threaded rod and 3 position chain mount holes

Part No. W41030.

ENGINE LIFTING CHAIN

•Heavy duty 24" chain, 28" overall length •1,000 lb. maximum load •Link locking for balance and slip-free lifting •Heat treated alloy steel

Part No. W41032.

ENGINE LIFT PLATE

•Fits most two and four barrel intakes •Lifts engine by intake manifold •1,000 lb. maximum load

Part No. W41033.

2 Pc. WHEEL DOLLY SET

•1000 lb capacity per dolly •Four 3½" cast iron swivel casters •Accepts tires up to 14" wide •Move your car, riding mower, trailer and much more, in any direction, with just a push •Makes storage, service and restoration easier

Part No. W54013.

Performance Tool

OTC

MINUTEMAN PLUS BATTERY TESTER

Battery Testing - Tests all 12 volt automotive-type batteries with cold cranking amp ratings of 100-1500. This includes batteries found in motor vehicle, marine, agricultural, forestry and industrial applications. The tester operates from either 110 volts AC or its own internal, rechargeable 6 volt battery.

Starter Testing - The MinuteMan Plus display shows cranking volts and amps, and indicates either "Good Starter" or "Bad Starter". Excessive starter current draw revealed can indicate a possible defective starter. Excessive engine drag, due to tight or damaged bearings or piston drag, can also cause abnormally high starter draw.

Charging System Testing - Checks the charging system at high RPMs and at idle and stores the data. Results show regulator volts, peak amps and diode condition. MinuteMan Plus utilizes wave form analysis when testing alternator diodes, which provides more accuracy than the commonly used "ripple voltage" tests.

Battery Tachometer Capability - Unique, direct from battery technology gives you tachometer readings without having to make complicated connections to the ignition system. Provides battery sensing measurements to 4,000 RPM, with 1 RPM resolution

Part No. 3131AGM, MinuteMan Plus multi-application electrical system tester. Includes connector cables, internal rechargeable battery, battery charger and instructions, roll-around cart with two additional shelves.

DIGITAL AUTOMOTIVE TESTER

OTC's Electrical Digital Automotive Tester (DAT) is much more than a standard multimeter. It would take several tools to match the functions and features found in the DAT's electronic toolbox. •Features Volts, Ohms, Amps, Battery Drain, and Electrical System Test functions - look for bad grounds, voltage drops, intermittent connections, or sources of high resistance in the automatic ground test function. You can even run a charging system test for diagnosing alternators and battery state. (LEDs display test results). The DAT automatically sets up the test for the circuit being tested. Simply turn the dual action selector wheel to select the function desired. The DAT is ready to go, no additional set up required.

Part No. 3535, Electrical DAT Kit - includes red and black leads, red and black probes, and manual.

PHOTOTACH ADAPTER

Plugs into Perception and DAT and allows RPM measurement of any rotating device from 1-9,999 RPM.

Part No. 3500-33.

PHOTOTACH

•Infrared technology makes phototach accurate, convenient, and easy to use •Infrared beam not affected by ambient light •Non-contact design results in no torque loss for true precision. The phototach is equipped with a laser pointer for accurate targeting. Reflective tape placed on a revolving object can be measured at distances from 2" to 12". It features a wide measuring range and high resolution, 2.5 to 99,999 RPM with a large 5-digit display, autoranging, min/max memory storage, and low battery indicator. The phototach is the ideal tool for applications where electronic RPM pick-up in not available.

•Gears, motors, engines, fans •Compressors, generators •Pulleys, grinding wheels •Drills, saws, hones

Part No. 3660, Phototach.

Part No. 3660-03, Replacement reflective tape, 10 ft. roll.

DIGITAL BATTERY TESTER

Speed. Accuracy. Reliability. These are the cornerstones behind the technology in this battery tester. Tests 12 volt batteries (125-1400 CCAs) and analyzes by measuring multiple parameters within the battery to deliver accurate results. A live voltmeter allows easy starting/charging system testing. Its bright, 4 digit LED display indicates the battery's good/bad status, voltage, and available CCAs. Features and Benefits: •Utilizes cost effective conductance test technology for accurate testing at a value price point •Quick 1 second initial results •125-1400 CCA range •Analyze starting/charging system voltages •Temperature and low charge compensation •Detects and identifies loose leads •Detects bad cells •Surface charge warning •Measures multiple international units: CCA, IEC, DIN, BCI, and EN.

Part No. 3183, Digital battery tester includes soft sided carrying case.

Electronic Diagnostics

AUTORANGING MULTIMETER

This high quality, low cost multimeter has features you'd expect to find only on more expensive meters; •Analog display with 34 segment bar graph for checking TPS and other readings •Diode test for checking alternators, relays, solenoids, and A/C clutch compressor diodes. •Continuity check for quick "Go-No Go" tests on fuses, wires, switches. •Inductive RPM pickup for conventional ignitions. •Duty cycle and dwell angle for checking fuel injection, feedback carburetors, and ignitions. No conversion charts needed. •Autoranging for volts, ohms, amps, and frequency. •Frequency for checking MAP, MAF, and other components for output. •10 meg ohm impedance protects sensitive components on today's electronic systems. •Low battery indicator.
Part No. 3505, 100 Series Autoranging Multimeter Set. Includes Multimeter, Test Leads, Large Insulated Alligator Clips, Inductive RPM Pickup, Bead Type Temp. Probe.

SABRE HP BATTERY & ELECTRICAL SYSTEM DIAGNOSTIC TESTER

•Digital circuitry precisely controls battery test loads to accurately determine battery conditions •Tests both flooded lead acid and absorbed glass mat batteries accurately–down to 1 volt state of charge •Tests vehicle starting and charging systems with minimal user interaction •Scales: CCA, CA, AHR, IEC, EN, JIS, DIN •4 x 20 back lit display •Over-molded enclosure with soft touch keys •Flash upgradeable memory in field •Removable/auto-sensing leads. (3' leads included in kits) •User definable print header and footer •Date/time stamp •Optional amp clamps for current drain tests and starting/charging measurements. (The only hand-held battery tester with this feature.)
Part No. 3167, Includes SABRE HP, 3' test leads, side post terminal adapters, instruction manual, and molded plastic carrying case.
Part No. 3168, Deluxe Kit, Includes SABRE HP, 3' test leads, side post terminal adapters, instruction manual, infrared wireless printer, and molded plastic carrying case.
Part No. 3172, 10 foot test leads.
Part No. 3173, Low range amp probe (current drain tests).
Part No. 3174, High range amp probe (starting/charging test).

SABRE HP HEAVY DUTY BATTERY & ELECTRICAL SYSTEM DIAGNOSTIC TESTER

•Designed for heavy duty applications with multiple battery packs •Tests 12 & 24 volt battery, starting and charging systems •Tests battery packs in series, parallel and/or series-parallel (12V or 24V while connected in a pack). •AGM and traditional battery diagnostics •15 foot removable/replaceable test leads •Optional amp clamps for live amperage readings •Compatible with infrared wireless printer
Part No. 3167-HD, Deluxe Kit, Includes 24 volt heavy duty battery tester, 15' test leads, side and top post terminal adapters, instruction manual, and molded plastic carrying case.
Part No. 3168-HD, Includes, Same as the 3167-HD above, but also includes an infrared wireless printer.

ANTIZAP AUTO SURGE PROTECTOR

Connects to battery, and becomes part of vehicle's electrical circuit. If a voltage spike is detected, the Antizap automatically clips it to a safe level to prevent damage to sensitive electronic systems. Protects fuel gauge, ABS brakes, radios, tape and CD players, car alarms, SRS air bags, LED instrumentation, EFI, fuel and climate control systems. Protects against welding (Arc, Mig and Tig).
Part No. 3386, Antizap Auto Surge Protector.

ADVANCE & DIGITAL TIMING LIGHTS

For conventional or electronic ignition systems. •Trigger buttons adjust flash brightness. •Includes 12 volt battery leads and inductive pickup. •Performs vacuum advance, or retard, and centrifugal advance checks with accessories. •Includes switch for 4 cycle (distributor) or 2 cycle (DIS) engines. •Special optics provide five times more brightness than ordinary timing lights. •Rugged, quick connect pickup clamp fits plug wires up to 8 mm. Has heavy duty housing and 5 ft. leads.
Part No. 3365, Advance Timing Light with power leads and inductive clamp. Back panel dial for setting ignition spark advance. Dial advance to 60°; digital accuracy to 1°.
Part No. 3367, Digital Timing Light with power leads and inductive clamp. Bright LED display on back panel shows RPM (500 - 9,900) or degrees of advance. Digital advance to 90°; digital accuracy to 1°.

3365

3367

Automotive Fuel Systems

OTC/3025/3026/3027

3-IN-1 FUEL INJECTION SERVICE KIT

One kit, three jobs. Clean fuel injectors, decarbonize engines, and perform fuel pressure tests. For most domestic and import vehicles with either high or low pressure systems. Fuel pressure tests can be done on most GM, Ford, and Chrysler systems. To get you started, the kit includes one can of each of the Pro Inject-R Kleen and D-Karbonizer4 fluids. Works with all OTC fuel injection service fittings, and includes adapter for decarbonizing the intake and combustion system. Attaches to the system in minutes and uses shop air — no costly propellants! Cleaning canister has easy to read 0 - 100 psi gauge. Includes manual.
Part No. 7878.

PRO INJECT-R KLEEN FLUID

Use right from the can — no mixing. Clean fuel injectors mean cleaner running, more efficient engines with lower emissions. This fluid restores injectors to their original spray pattern, helps prevent recurring problems, and reduces intake and port deposits. Used in OTC canister type cleaning devices. NOTE: Not for use as a fuel additive; DO NOT pour into fuel tank. 16 oz. can.
Part No. 7000A.

D-KARBONIZER4 INTAKE SYSTEM CLEANING TREATMENT

Thoroughly removes carbon, gum, and varnish from the intake and combustion system. Reduces engine knock and hard starting, while it improves fuel economy and reduces tailpipe emissions. For use with OTC canister type cleaning devices. NOTE: Not for use as a fuel additive; DO NOT pour into fuel tank. 16 oz. can.
Part No. 7904A.

BASIC DOMESTIC FUEL INJECTION TESTING KIT WITH GAUGE

Now solve fuel injection related problems on almost every GM, Ford, and Chrysler domestic system quicker and easier. With this kit, check for low fuel pressure, defective fuel pressure regulators, and low fuel volume to the injectors. Hesitation, stumble, stall, and lack of power can be diagnosed in minutes. Each fitting has a quick connect Schrader valve for easier hook-up and added safety. Fitting seals work with most popular cleaning solvent brands. Includes a variety of fittings, adapters, and a psi gauge assembly with bleed valve. Operating instructions and organizer with storage trays also included.
Part No. 7859.

FUEL INJECTION KITS

Part No. 6550, MASTER FUEL INJECTION KIT - Test fuel injection systems on most GMs including GM TBI, Ford, Chrysler, and Jeep vehicles. Also works on imports, including CIS and CISE fuel systems. With this kit you can diagnose fuel related problems such as a weak fuel pump or restricted fuel filter, and perform leak down tests. Kit includes 0-100 PSI fuel pressure gauge and 35 of the popular OTC fuel injection adapters, each equipped with a quick-connect Schrader valve for safety. Replacement seal kit included.

Part No. 6551, DOMESTIC FUEL INJECTION KIT - Test fuel injection systems on most GMs including GM TBI, Ford, Chrysler, and Jeep vehicles. With this kit you can diagnose fuel related problems such as a weak fuel pump or restricted fuel filter, and perform leak down tests. Kit includes 0-100 PSI fuel pressure gauge and 17 of the popular OTC fuel injection adapters, each equipped with a quick-connect Schrader valve for safety. Replacement seal kit included.

Part No. 6552, IMPORT FUEL INJECTION KIT - Test fuel injection systems on imports. With this kit you can diagnose fuel related problems such as a weak fuel pump or restricted fuel filter, and perform leak down tests. Kit includes 0-100 PSI fuel pressure gauge and 23 of the popular OTC fuel injection adapters, each equipped with a quick-connect Schrader valve for safety. Replacement seal kit included.

General Purpose & Heavy Duty Tools

BENCH MOUNTED HOLDING FIXTURE

Holds and positions small engines, transmissions, rear axle differentials, and other components, leaving both hands free for work! When securely mounted to a bench, with load properly positioned, any component weighing 250 lbs. or less may be safely rotated 360° with positive stops at 90° increments. Three sides of the mounted unit remain fully exposed for access. Two movable arms can be removed when not in use. Base assembly is available on its own, below.
Part No. 7020.

Base assembly only for #7020.
Part No. 34607.

CLUTCH SERVICE SET

This set lets you perform a variety of clutch and flywheel service jobs on Spicer® built heavy duty cast and angle spring clutches. Nine different tools help with everything from clutch installation and removal, to installing new drive pins in the flywheel, to proper adjustment of manual and self-adjusting clutches. Carrying/storage case included.
Part No. 5043.

U-JOINT TOOL

Designed for use with a 1/2" impact wrench, this U-joint tool removes even the most stubborn U-joints with ease. Compact and organized, it's easily set up, making it ideal for service calls. And it can be used at different angles and in tight places, eliminating those damaging makeshift methods. Bolts included: 5/16"-24 x 1-1/2"; 3/8"-24 x 1-1/2"; 7/16"-20 x 1-1/2"; M8-1.25 mm x 35 mm. Works on most Dana Spicer and Rockwell U-joints.
Part No. 7490.

CLUTCH ADJUSTING WRENCH

For internal adjustment of multiple lever and Spicer® angle spring clutches.
Part No. 7028.

HUB OIL SEAL PULLER

Saves you time and money — this tool won't damage the bearing or hub like conventional punch and hammer methods. Removes the seal in one piece. With its extra long 28" handle you get the leverage you need, plus the unique pulling head design quickly removes the seal. Built to last a lifetime with the highest quality heat-treated steel.
Part No. 5085.

TRUCK FRONT LEAF SPRING, PIN, & BUSHING SERVICE SET

Delivers 10 tons of hydraulic force to remove and install bushing assemblies quickly and easily. In many cases it services bushing assemblies without removing leaf spring hangers and spring assemblies from the vehicle. Works on bushings with diameters from 1-1/4" through 1-7/8", and pin diameters from 7/8" through 1-1/8". All accessories are included except the hydraulic hand pump which must be purchased separately.
Part No. 5080.

TORQUE MULTIPLIERS

These 4:1 ratio torque multipliers provide the necessary power to tighten threaded fasteners in a number of truck and trailer repair operations.

1000 ft. lb. capacity with a 1/2" square drive and a 3/4" square drive output, 14" extension handle.
Part No. 5073.

2000 ft. lb. capacity with a 3/4" square drive and a 1" square drive output, 18" extension handle.
Part No. 5074.

2 TON "FLOOR BOSS™" HYDRAULIC SERVICE JACK

The strongest jack frame in its class; features flanged edges, both top and bottom, to resist twisting. Sealed cylinder prevents contamination of hydraulic system. Conforms to ANSI PALD Part 10. 3¾" to 22¾" lifting range. 48" handle length.
Part No. 1525.

5 & 10 TON CAPACITY SERVICE JACKS

Built-in safety overload system preventing use beyond their rated capacity. Ruggedly built, with foot pedal pumping operation to speed up lifting, and a handle lock and release control located at the top of the handle. (42" handle can be locked into any position from vertical to horizontal.) Rear swivel casters make positioning the jacks a snap. Lifting range of 6-3/8" to 22".

5 ton service jack.
Part No. 1505B.

10 ton service jack.
Part No. 1510B.

6 & 10 TON CAPACITY AIR/HYDRAULIC SERVICE JACKS

Rugged jacks with air-assist operation. #5110 can also be operated manually when shop air is not available. Both jacks are constructed of the highest quality steel frame members to stand up to the kind of abuse jacks are subjected to daily. Low starting height, huge steel front wheels, rear swivel casters. Spring loaded handle can be locked in three positions, from horizontal to near vertical. 90 - 175 psi; 7-3/8" saddle diameter.

6 ton air/hydraulic service jack. Lifting range of 6¾" - 25"; 87" overall reach; 8" frame height; 45" handle length.
Part No. 5106.

10 ton air/hydraulic service jack. Lifting range of 6½" - 26-5/8"; 93" overall reach; 9¾" frame height; 46" handle length.
Part No. 5110.

20-TON TRUCK RAMPS

Long 33" retractable T-handle enhances mobility. Non-skid rubber matting prevents slippage during use. Durable, heavy duty rubber wheels. Capacity per pair: 20 tons; overall length: 51"; tread width: 10".
Part No. 5268.

25 TON HYDRAULIC AXLE JACK

Self-retracting 25 ton capacity air/hydraulic ram with a low 8" minimum working height; ideal for heavy duty applications. 53" handle which locks in any one of three positions: vertical, 45°, and horizontal. 8" - 16" lifting range; 5-1/8" cylinder stroke; 4-7/8" extended screw length; 100 - 200 psi.
Part No. 5012A.

BRAKE DRUM DOLLY

Just roll the #5017 drum dolly into position, flip the metal hook and roll the drum away. For outboard mounted brake drums used on class 7 and 8 tractor and trailer brake systems. Reinstalling drums is just as easy. Handles all popular 15" and 16½" drums. 5" height adjustment; 37" to 55" telescoping handle; ball bearing wheels, pneumatic tires.
Part No. 5017.

10-TON AIR LIFT FOR TRUCKS & TRAILERS

10 ton lifting capacity at 200 psi air supply. Extra wide stance for extra stability. Complete air operation for low maintenance and long life. Just roll the #1590 under the load, adjust the lifting saddles, connect an air line and squeeze. An automatic mechanical safety catch engages in five height positions; it must be manually released to lower the load. Two large swivel casters and pneumatic tires allows the #1590 to roll easily to the work, even over loose gravel. 13" - 52" lifting range, 29" - 41¾" saddle width, 67½" height, 41" width, 36" length.
Part No. 1590.

10 TON VEHICLE LIFT SYSTEM

Mobile, tandem system is air operated. Handles your class 7 and 8 tractor lifting needs. Roll the system to the vehicle anywhere in the shop or outside on a level surface. Provides lift from the tires, not the frame or axle members. Ideal for limited ground clearance situations. Single controller operates both sides of the system for a smooth, level lift up to 2 full feet from the bottom of the tires to the ground. 19½" - 24" diameter rim sizes saddle width; 53¼" height; 41½" width; 39½" length.
Part No. 1520.

10-TON CAPACITY PORTABLE AIR LIFT JACK & SUPPORT STAND

Not just an air lift jack, can also be used as a support stand when performing vehicle service. Easy to manoeuvre and position where it's needed. Commonly used in pairs, these air operated units are perfect for heavy duty lifting jobs. Has removable handle and 8 ft. air hose. 16-3/8" minimum height, 49-1/4" maximum height, 10-7/8" stroke.
Part No. 1591A.

HEAVY DUTY 12 TON SUPPORT STANDS

Feature a spun steel base that won't dig or sink into asphalt or sand. Sold individually.

"Low Boy" support stand, 19" to 29-1/2" reach.
Part No. 1778A.

"High Boy" support stand, 33-3/4" to 44-1/4" reach.
Part No. 1779A.

HEAVY DUTY 20 TON ADJUSTABLE SUPPORT STAND

Big service jobs are no problem for this heavy duty support stand. The rugged steel construction and large 15-1/2" base will satisfy support requirements up to 40,000 lbs. Features include four-position adjustment. Height range 15-1/4" - 24".
Part No. 1783.

INDUSTRIAL GRADE "WEIGHT LIFTER" HYDRAULIC BOTTLE JACKS

12 and 20 ton varieties. Pressure cylinder, oil reservoir, pump housing, and base are welded as one unit, reducing oil leakage. Can be used either vertically or horizontally. Large, extra stable base. Convenient carrying handle and zinc plated pump handle. Hydraulic seals are replaceable when required. OTC Lifetime Marathon Warranty.

PART NO.	CAPACITY (TONS)	STROKE (INCHES)	RETRACTED HEIGHT MIN. (INCHES)	LENGTH OF SCREW EXTENSION (INCHES)	HEIGHT WITH SCREW EXTENDED (INCHES)	NO. OF PUMP STROKES TO EXTEND PISTON 1"	SADDLE DIAMETER (INCHES)	BASE SIZE (INCHES)
5112*	12	3-1/2	6-3/4	2-1/4	12-1/2	19	1-3/4	5-1/2 x 6
5212	12	6-1/4	9-1/2	3-1/4	19	19	1-3/4	5-1/2 x 6
5120*	20	5	8-1/4	2-1/4	15-1/2	30	2-1/4	6 x 6-3/8
5220	20	7-1/2	10-3/4	2-1/4	20-1/2	30	2-1/4	6 x 6-3/8

*Low profile models.

BLADE BUDDY™

Replacing cutting edges on heavy equipment can be a real pain in the back. Wrestling a bar of steel up to 12 ft. long, tipping the scales at 140 pounds, is no fun. This edge handler lets one person bring the blades to the plow and raise them into position comfortably. The cutting edge rests on the cradle at the correct angle, and the unit rolls easily on four swivel casters. 4 ton capacity hydraulic jack raises and positions the cutting edge so it can be easily bolted into place. Handles a range of cutting edges from 3 ft. to 12 ft. in length on front, wing, and underbody plows. 19" maximum lift height.
Part No. 5083.

CUTTING EDGE EXTENSION ADAPTER

This 8½ ft. extension simply bolts onto the Blade Buddy™. Accommodates a 10 ft. or 12 ft. long cutting edge and up to three 4 ft. pieces. Allows just one person to mount all the cutting edges simultaneously. Just place the edges into the extension adapter in the proper order, align the holes, and clamp them. Then mount to the blade.
Part No. 223171.

DUAL WHEEL DOLLY

Allows one man to remove, transport, and replace dual wheel and tire assemblies without strain or struggle. This unit handles wheels weighing up to 1500 lbs., any tire diameter. Hydraulic jacking mechanism provides full 4¾" lift; gives serviceman finger-tip control when positioning or lowering lifting arms. To hold wheel assembly in place during removal and transport, 6 ft. chain is provided. Swivel casters provide effortless manoeuvrability. 4° tilt adjustment. 4¾" lift travel.
Part No. 1770A.

2000 LB. CAPACITY HIGH LIFT TRANSMISSION JACK

For trucks and buses — with air-assist. For shops with in-ground or above-the-floor vehicle hoists. Low height of 41½" allows transmission to be rolled out from under bus or other vehicle's frame; a clearance problem with competitors' jacks. A metered, foot operated air pump allows effortless lifting of the transmission into place, controlling the load precisely during removal and installation. Safety bypass prevents damage caused by a system overload. 41½" overall height; 70" maximum height; 50° maximum forward tilt; 38° maximum back tilt; 14° maximum side tilt (either side); 46" leg width.
Part No. 5078.

POWER TRAIN LIFT

For easily removing and installing engine/transaxle assemblies of front wheel drive vehicles. Also handy for pulling rear ends, leaf springs, and more. Your shop air supply is the only thing you need to get the precise control offered by this OTC power train lift. Width between wooden support blocks is adjustable from 0 - 29". Load is secured with tough nylon strap. Complete with tilting plate.
Part No. 1585.

1000 LB. CAPACITY HIGH LIFT TRANSMISSION JACK

Universal mounting head provides wide fore and aft tilt range, making alignment of transmission easier. Foot pump and pedal release mechanism give precise ease of control when positioning or removing a transmission. Adjustable nylon tie-down strap safely secures load. Two stage hydraulic cylinder design speeds lifting of transmission into position for installing.
Part No. 1791.

HIGH LIFT TRANSMISSION JACK

1000 lb. capacity jack with air assist feature — rapidly raises mounting head to transmission; second stage is hydraulically actuated, permitting precise operator control during removal and final installation. Transmission mounting head features four ratcheting brackets that adjust to fit a wide range of transmissions. Four wheel base with locking swivel casters provides stability and portability. Height range is 34½" to 75". Maximum tilt is 50° forward to 20° backward and 10° to either side.
Part No. 1728.

2200 LB. CAPACITY LOW LIFT TRANSMISSION JACK

2200 lb. capacity with a profile only 8-1/4" off the ground. Perfect for newer aerodynamic trucks. Can be raised to a full 36-1/2" off the ground. Swivelling pump handle; 4 swivel casters. Takes up only 3 ft. x 4-1/2 ft. of space. Adapter included to fit popular Eaton®, Fuller®, and RoadRanger® transmissions.
Part No. 5019.

Mack Transmission Housing Auxiliary Adapter

Provides a stable platform for removing and installing the auxiliary housing of Mack T200 series transmissions. Used with OTC's #5019.
Part No. 49611.

TRUCK CLUTCH AND FLYWHEEL HANDLER - LOW CLEARANCE

Open stance for ease of access to the work. Unique, patent pending linkage design raises the load from horizontal to vertical as the pump is cycled. This eliminates any lifting of the clutch by the operator. Handles 14" and 15-1/2" clutch assemblies weighing up to 250 lbs. Swivel casters provide easy manoeuvrability. Includes a 2" splined shaft with 1-1/4" pilot to aid in alignment. •360° swivel head •13" low point enables access below side faring •Makes the task an easy, one person job.
Part No. 5018.

ACCESSORIES

Part No. 516160, Optional flywheel attachment.
Part No. 515686, Optional splined shaft, 1-3/4" dia. with 1-1/4" pilot.
Part No. 516159, Optional splined shaft, 1-3/4" dia. with 1" pilot. Needed for clutch service on some Navistar 466 series engines.

BOTTLE JACK PRESS

12 ton press with heavy duty "Weight Lifter" bottle jack. Handles all your pressing, straightening, or bending chores, or removal or installation of gears, bearings, and bushings. 84½" overall height; 28¾" overall width; 2" - 42" pressing range.
Part No. 1823A.

Also available:
Part No. 1824A, 20 ton press.

25 TON ECONOMY SHOP PRESS

Reasonably priced yet rugged units featuring a hydraulic hand pump. Large 30" x 46" working area under the ram makes positioning even bulky work easy. Spring return ram has a full 6¼" stroke, perfect for rear axle bearing work, piston pins, and many other frequently performed automotive pressing jobs. Frame resists buckling and bending, even under maximum loading. Complete with gauge, tee, hose, ram with 6¼" stroke, and pump mounting bracket. 69½" overall height; 40½" overall width; 5¾" - 46" pressing range.
Part No. 1833.

55 TON ECONOMY SHOP PRESSES

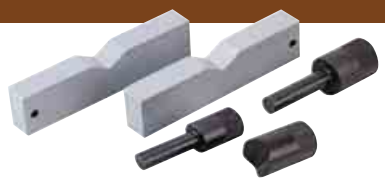
Durable steel frame resists buckling and bending. Hand operated winch and cable mechanism adjusts lower press bolster. Includes hydraulic ram with 6¼" stroke; #4016 hydraulic hand pump; #9651 gauge; #9767 hose and pump mounting bracket.
Part No. 1850.

Also available:
Part No. 1851, Same as #1850 except with #4020 air/hydraulic pump.

55 TON HEAVY DUTY SHOP PRESSES

Delivers a huge 55 tons of force for those difficult pressing jobs. Side-to-side positioning of ram allows full capacity pressing along entire bolster length without buckling or bending. The single acting ram has a 13" stroke. Includes electric/hydraulic pump, gauge, hose, and pump mounting bracket. 72" overall height; 48½" overall width; 3¼" - 32¾" pressing range. Takes up 56½" x 36" floor space.
Part No. 1845.

Also available:
Part No. 1872, Same as #1845 except with double-acting ram (13" stroke).



1879

1881

BOTTLE JACK PRESS ACCESSORIES

Press Accessory Kit. For 12 and 20 ton presses. Includes pair of V-blocks, ¾" and 1" diameter pushing adapters, V-pushing adapters.
Part No. 1879.

25 Ton Press Accessory Set. Includes bearing pulling attachment, V-blocks, pushing adapters.
Part No. 1881.

55 Ton Press Accessory Set. Includes bearing pulling attachment, V-blocks, pushing adapters.
Part No. 1882.

Step Plate Adapter Set for 55 Ton Presses. Weight - 10 lbs., 6 oz.
Part No. 8076.

Step Plate Adapter Set for 55 Ton Presses. Weight - 5 lbs., 5 oz.
Part No. 8075.

SPECIFICATIONS	1819	1820
Capacity, boom retracted	2200 lbs.	4400 lbs.
Capacity, boom extended	1650 lbs.	3300 lbs.
Max. boom height, ret.	107"	111"
Max. boom height, ext.	117"	122"
Overall height, boom hor.	80"	82"
Overall length	83"	89"
Minimum throat width	24"	25"
Inside leg length	54"	57½"
Effective boom reach, rectracted	33"	35½"
Effective boom reach, extended	48"	50½"
Inside leg width, 3 pos.	24" 36" 48"	26" 40" 52½"
Leg height	8"	9½"
Dolly wheel diameter	5"	5"
Wheel diameter	6"	8"
Height, folded	79"	86"
Floor space, folded	27" x 38"	31" x 42"

HEAVY DUTY LIFTING CRANES, 2200 LB. & 4400 LB. CAPACITY

The versatile features and rugged construction of OTC heavy duty cranes let you handle just about any lifting job with speed. To conserve valuable floor space, the cranes fold into a compact package for storage. For "close-in" work, leg spread adjusts to clear vehicle's wheels or other obstacles. Telescoping boom extension gives additional reach. A two-speed hydraulic hand pump provides fast boom travel; descent of boom is under precise control of operator. Equipped with roller-bearing mounted wheels, crane rolls smoothly into position or storage location. Steering dolly provides easy manoeuvrability.

2200 lb. capacity crane with "Fold-Away" feature and adjustable leg spread. Has hydraulic hand pump and 16-7/8" lifting chain.
Part No. 1819.

4400 lb. capacity crane with "Fold-Away" feature and adjustable leg spread. Has hydraulic hand pump and 18-3/8" lifting chain.
Part No. 1820.

LOAD-ROTOR® POSITIONING SLINGS

Heavy duty, self-locking Load-Rotor® slings make it easy to handle and position engines, transmissions, machinery, and other heavy and bulky components. Used with a crane or hoist, these slings greatly reduce job time and effort. A self-locking worm-and-gear set in the sling's head permits rapid adjustment of the angle of the component being handled. The component is tilted or levelled by merely turning the sling's 5/8" hex drive end with a common speed handle and socket. ¼" chain and hook assembly, 56½" long. Forged swivelling hooks on each end. Includes special mounting brackets. Gear ratio is 34:1. Lifting eye has 1-5/16" opening.
Part No. 1805, 2000 lb. capacity.
Part No. 1806, 4000 lb. capacity.

6000 LB. CAPACITY LOAD-ROTOR®

The easy way to do heavy engine removal and installation. Angle adjustments up to 30° are possible. Self-locking positioning screw. Working length adjustable from 30" to 46".
Part No. 1812.

LIFTING BRACKETS

These attach directly to the component for easy lifting. The large chain link easily attaches to the lifting chain. Brackets will take ½" diameter bolts. 4000 lb. capacity.
Part No. 7100.

THE REVOLVER® DIESEL ENGINE REPAIR STAND

For any shop that wants major engine repairs done right and as quickly as possible. This equipment is sure to cut costs, increase profits, and reduce downtime. Its 6000 lb. capacity means you can tackle some pretty big diesels. No more struggling with these engines on the floor or on the bench — cuts down on possible damage to the engine. Instead, the Revolver utilizes a system that incorporates a universal engine adapter assembly for engine mounting. Includes universal engine adapter assembly which permits use of engine mounting plates. Integral 12 ton jack raises the work to provide swing radius needed to turn the work. Turning even a 3 ton diesel 360° is easy — a 96:1 ratio worm-and-gear set does the job easily. Crank handle can be locked in any position. Two front wheels and two rear casters permit easy mobility, and floor locks anchor the Revolver in place. Floor space required: 48" wide x 55½" long.
Part No. 1750A.

3, 6 & 12 TON RATCHET-STYLE "STINGER" JACK STANDS

High quality ductile steel ratchet bars for easy adjustment, durable baked enamel finish to resist corrosion, and a strong welded base of sturdy angle steel for extra stability.

Part No. 1772C, Pair of 3 ton jack stands. Base: 8-1/4" x 7-1/2". Height range: 11-5/8" to 17-1/8".

Part No. 1773C, Pair of 6 ton jack stands. Base: 11-7/16" x 10". Height range: 15-3/4" to 24".

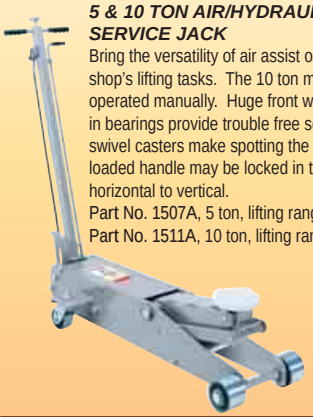
Part No. 1784C, Pair of 12 ton jack stands. Base: 12-5/8" x 11-3/8". Height range: 18-1/8" to 28".

2-1/2 & 3 TON HYDRAULIC "STINGER" SERVICE JACK

Built-in safety overload system that prevents use beyond its rated capacity. Rear swivel casters makes positioning of these jacks an easy task.
Part No. 1503A, 2-1/2 ton, lifting range of 5" to 20".
Part No. 1504A, 3 ton, lifting range of 6" to 23-1/2".

OTC's Stinger Series takes the "sting" out of shop equipment prices! Designed for the cost-conscious shop owner who still wants the quality of an OTC product, the Stinger Series service jacks are affordable, yet dependable.

5 & 10 TON AIR/HYDRAULIC "STINGER" SERVICE JACK



Bring the versatility of air assist operation to your shop's lifting tasks. The 10 ton model can also be operated manually. Huge front wheels mounted in bearings provide trouble free service life. Rear swivel casters make spotting the jack easy. Spring loaded handle may be locked in three positions, from horizontal to vertical.
Part No. 1507A, 5 ton, lifting range of 5-7/8" to 22".
Part No. 1511A, 10 ton, lifting range of 6-3/8" to 22".

SUV JACK PACK - 3-1/2 TON "STINGER" SERVICE JACK with 6 TON "STINGER" JACK STANDS

3-1/2 Ton Service Jack: •One pump to load, three pumps to full height unloaded •Extra wide lift range from 4" to 21" •48" long, spring loaded handle provides rapid return after each pump •Heavy duty construction - rolled edges add strength and resist twisting • Gets to the load quickly •Pinned 4-3/4" rubber saddle will not lift off during use and minimizes scuffing of lifting surface. 6 Ton Jack Stand: •Formed and welded steel base for strength; self-locking ratchet handle cannot be released under load. Durable baked enamel finish resists corrosion •Jack stand base: 11-7/16" x 10"; height range: 15-3/4" to 24" •Stands conform to ANSI PALD-4 load rating standard
Part No. 1536, SUV Jack Pack, 3-1/2 ton service jack with lifting range of 4" to 21"; pair of 6 ton jack stands.

20 TON LOW-PROFILE "STINGER" SERVICE JACK

Low profile stance and extended height add to versatility. Wheels and swivel casters feature internal bearings. Either the foot pedal or jack handle may be used for pumping action. Counter balanced, spring assisted handle has a three position lock.
Part No. 1512, 20 ton, lifting range of 7-1/2" to 24".

STINGER SERIES HYDRAULIC BOTTLE JACKS

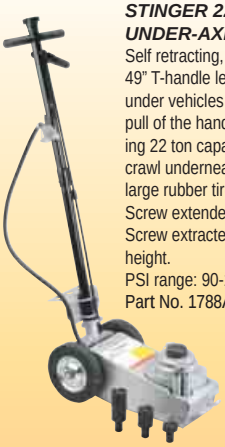
Competitively priced with quality and reliability you expect. These jacks can be used vertically or horizontally.

PART NO.	CAPACITY (TONS)	STROKE (INCHES)	RETRACTED HEIGHT MIN. (INCHES)	LENGTH OF SCREW EXTENSION (INCHES)	HEIGHT WITH SCREW EXTENDED (INCHES)	NO. OF PUMP STROKES TO EXTEND PISTON 1"	SADDLE DIAMETER (INCHES)	BASE SIZE (INCHES)
4302A	2	6-3/4	7-1/8	2-3/8	14-1/16	35	1	9-5/16 x 7-3/8
4304A	4	6-3/4	7-5/8	2-3/8	14-5/8	35	1	9-5/16 x 7-3/8
4306A	6	6-3/4	8-1/2	2-3/4	16-1/4	35	1-1/4	9-5/16 x 7-3/8
4308A	8	6-3/4	9-1/16	3-1/8	18-5/16	35	1-1/4	9-5/16 x 7-3/8
4312A	12	6-3/4	9-1/16	3-1/8	18-5/16	35	1-1/4	9-5/16 x 7-3/8
4314A	12	6-3/4	6-1/8	1-1/2	11-5/16	35	1-1/4	9-5/16 x 7-3/8
4320A	20	6-3/4	9-1/2	2-3/8	17-13/16	35	1-3/4	9-5/16 x 7-3/8
4322A	20	6-3/4	6-5/8	1-1/4	10-15/16	35	1-3/4	9-5/16 x 7-3/8
4332A	32	6-11/16	10-1/4	-	16-15/16	35	2-1/2	9-5/16 x 7-3/8

STINGER AIR/HYDRAULIC BOTTLE JACKS

Operate manually or pneumatically, 100 - 200 psi air pressure required.

PART NO.	CAPACITY (TONS)	MINIMUM HEIGHT (INCHES)	LIFT (INCHES)	MAXIMUM HEIGHT (INCHES)	SCREW/ ADAPTER (INCHES)	BASE SIZE (INCHES)
9212B	12	9-1/2	5-7/8	18-1/2	3-1/8	4-3/4 x 8
9220B	20	9-1/2	5-3/8	18-1/4	3-3/8	5-3/4 x 8-1/2
4313A	12	9-1/2	6-1/8	18-3/8	2-3/4	6-3/8 x 7-5/8
4321B	20	9-7/16	5-7/8	17-11/16	2-5/16	8-1/32 x 7-1/16



STINGER 22-TON CAPACITY UNDER-AXLE JACK

Self retracting, spring return feature. Long 49" T-handle lets you easily position jack under vehicles with long overhangs. One pull of the handle activates the self retracting 22 ton capacity ram without having to crawl underneath the vehicle. Jack has large rubber tired wheels. Lifting range: Screw extended - 8" min./17" max. height. Screw extracted - 8" min./12-1/2" max. height.
PSI range: 90-145.
Part No. 1788A.

STINGER 1000 LB. CAPACITY TRANSMISSION JACK

Universal saddle tilts front to back and side to side; features adjustable corner brackets and safety chain for optimum positioning of the load. Flash chromed rams that inhibit rust from entering the hydraulic system. Foot operated pump and lowering pedal for ease of control when positioning or removing a transmission. Wide leg base with 4" polyurethane swivel wheels that provide stability and easy maneuvering. (Brakes on two of the wheels.) Safety overload system to prevent jack from being used beyond its rated capacity. 34.44" overall height; 70.86" maximum height; 24° maximum forward tilt; 19° maximum back tilt; ±20° maximum side tilt; 37.15" base width.
Part No. 1793A.

STINGER 1000 LB. CAPACITY TRANSMISSION JACK

Air assist primary stage for rapidly raising the mounting head, activated with foot pedal. Hydraulic secondary stage for precise operator control, activated by a hand pump to raise the load and a release knob to lower the load. Big, easy-to-grip knobs , and a safety chain for securing the load. Wide leg base with 4" polyurethane swivel wheels that provide stability and easy maneuvering. (Brakes on two of the wheels.) Safety overload system. 36" overall height; 74.8" maximum height; 42° maximum forward tilt; 46° maximum back tilt; ±12° maximum side tilt; 37.15" base width.
Part No. 1794A.

1500 LB. UNDERHOIST STAND

With precise height adjustment and control, this stand has a base of 11-7/8" diameter. Lifting height of 54¼" to 80¾", saddle measures 5¼" x 1¼".
Part No. 2015A.

1500 LB. UNDERHOIST STAND

With precise height adjustment and control, this stand has an adjusting screw and foot pedal actuated lifting mechanism. Lifting height of 54¼" to 80¾", saddle measures 5¼" x 1¼".
Part No. 2016A.

2 TON UNDERHOIST STAND

For precise height adjustment and control, this stand has a stable 24" x 24" x 24" tripod base. Lifting height of 58-7/8" to 91-5/8", saddle measures 3¼" x 3¼".
Part No. 2018A.

TRUCK DUAL WHEEL DOLLY

Hydraulic jack provides over 9" of lift and tilts wheel assembly 7° to prevent damage to wheel seal. Swivel casters for easy manoeuvrability. Includes a 6 ft. support chain to hold load in place.
Part No. 1769A.

2000 LB. FLOOR CRANE

Perfect for almost any lifting job in the shop. Crane folds up for compact storage, out of your way. 24" to 36" reach. Features 3½" front wheels with 5-7/8" rear casters for easy manoeuvrability.
Part No. 2002.

4000 LB. FLOOR CRANE

A very versatile floor crane for almost any lifting job and it folds up for easy storage. 25" to 46" reach. Features 3½" front wheels with 5-7/8" rear casters for easy manoeuvrability.
Part No. 2004.

1000 LB. CAPACITY LOW LIFT TRANSMISSION JACK

Universal mounting head, with adjustable brackets, tilts front to back and side to side for easy transmission alignment. Height range of 6-1/2" to 29-1/2". Wide stable wheel base with four swivel casters, and two handle grips makes it easy to position. Safety overload prevents jack from being used beyond its rated capacity. Pump handle rotates 360° for use in any position. Flash chromed ram inhibits rust from entering the hydraulic system.
Part No. 1521A.

HEAVY DUTY 2000 LB. CAPACITY LOW LIFT TRANSMISSION JACK

Rugged, stable unit is ideal for handling heavy transmissions. Includes adapter plate for Eaton®, Fuller®, RoadRanger® transmissions. Low profile design gets under the lowest clearance trucks, making it ideal for clutch repair work. There's even a built-in tool tray on each side rail. Pump handle rotates 360° for operator convenience, ball bearing swivel casters provide easy positioning of jack. With safety overload.
Part No. 1522A.

1000 LB. & 1250 LB. CAPACITY ENGINE STANDS

Heavy duty mounting plate and adapter arms for servicing light truck and car engines. Fixed polyurethane back wheels; poly swivel casters on front for smooth travel. 24" handle makes easy work of rotating the engine 360°; hitch pin locks engine in place.
Part No. 2010A, 1000 lb. capacity.
Part No. 2012A, 1250 lb. capacity with built-in tool tray.

Stinger Shop Equipment

STINGER SERIES 4 & 10 TON COLLISION REPAIR SETS

A very competitively priced, yet high quality hydraulic hand pump, hose, and ram. Set components snap together, permitting you to assemble your work set-up in minutes, to apply pushing, spreading, or pulling force. These sets include a single speed hydraulic hand pump, and a durable carrying case for all components. The case for the 10 ton set has wheels for ease of mobility.

Part No. 1513A, 4 Ton Collision Repair Set.
Contains: Single speed Merit hydraulic hand pump; single acting Merit ram with 4" stroke; 72" hydraulic hose with 1/4" NPT male fittings; extension tubes in 4", 8", 12" and 16" lengths; extension tube coupling; flat base; rubber flex head; 1/2 ton hydraulic spreader tool with 1/4" NPT ram half coupler; ram toe; plunger toe; wedge head; 90° wedge head; serrated saddle; storage case.

Part No. 1515A, 10 Ton Collision Repair Set.
Contains: Two speed Merit hydraulic hand pump; single acting Merit ram with 6" stroke; 72" hydraulic hose with 1/4" NPT male fittings; extension tubes in 4", 8", 12", and 16" lengths; extension tube coupling; flat base; rubber flex head; 1/2 ton hydraulic spreader tool with 1/4" NPT ram half coupler; ram toe; plunger toe; wedge head; 90° wedge head; serrated saddle; storage case with wheels.

Shop Equipment

AIR/HYDRAULIC PUMP

With shop air as the energy source, these pumps have the power and oil capacity to drive even the large 55 ton rams. They are ideal all-around power sources for dozens of body, frame, and alignment applications. They can be used with a variety of rams, presses, and hydraulic pullers operating at up to 10,000 psi. An internal relief valve protects the hydraulic components regardless of hydraulic pressure. In addition, a two stage release mechanism gives fast or metered ram return while reducing hydraulic shock. Requires 9 cfm @ 100 psi air pressure at the pump. Equipped with a 15 ft. remote control cord. 3/8" NPTF oil port. 98 cu. in. usable oil capacity in plastic reservoir.
Part No. 4020.

SINGLE STAGE HAND OPERATED PUMP

Ideal for operating single acting rams. Use to power gear and bearing pullers, shop forcing presses, and in other hydraulic applications. A single piston, single stage type, this pump develops pressures up to 10,000 psi. Operates horizontally or vertically with the pump head in the "down" position. Finger-tip control valve provides instant release or pumping action. Features built-in overload valve. 1/2" piston diameter; 13/16" piston stroke. 3/8" NPTF oil port.
Part No. 4002.

HYDRAULIC FLOW TESTER

Accurately measure oil flow, temperature, and pressures against manufacturers' specifications. Troubleshoot hydraulic circuits and isolate faulty components on mobile equipment (open or closed), hydraulic systems with capabilities up to 75 gpm at pressures to 5000 psi. Automatic pressure compensating load valve lets you increase flow without affecting the pressure settings. Temperature flow and RPM readings are displayed in metric or English and accurate to within plus or minus 2% of full scale. Each tester is protected by a safety disc which ruptures automatically if pressures exceed the upper limits. Comes with two pressure gauges and three 9 volt batteries.
Part No. 4221.

TRANSFER TANKER

Draining oil from a large displacement engine and getting it to your bulk storage container is a snap with OTC's Transfer Tanker! Used oil is collected in the reservoir, and Transfer Tanker rolls smoothly on 4" free-wheeling casters to your storage location. The electric pump moves five gallons per minute through the 8 ft. transfer hose. No spilling, no lifting, no mess! Can also be used for transferring antifreeze. Handle is removable for easy storage. Screen attached to reservoir allows assembly to be stored on its side.
Part No. 5077.

FRONT HUB PULLER FOR 4WD VEHICLES

For removal of the front hub assembly. Services most 1/2-, 3/4-, and 1 ton GM trucks and SUVs; Dodge Ram; Ford; Jeep Cherokee.
Part No. 6290.

STRUTTAMER™ ELITE FOR STRUT SPRINGS

this is simply the most effective compressor for handling virtually any straight, conical, or offset spring. With its adjustable arms and four point locking jaws, the StrutTamer Elite securely holds the spring in place. To keep the strut assembly straight during compression, we've developed a centre screw that floats from side-to-side. This way the strut and spring remain aligned - no matter what condition the spring is in. The StrutTamer Elite also features a 3 bar handle crank design that compresses the spring faster and easier. Can easily be mounted to the wall without the need for adapters, or you can choose the optional stand. The StrutTamer Elite stand features steel frame construction with two wheels that allow you to easily tilt the stand back and move the entire unit to the work area. To keep it firmly in place during compression, the wheels lift off the floor, and four no-slip rubber pads keep the stand firmly in place during operation. The stand is narrower for easier mobility between vehicles in the shop. Strut Spring Coverage: 2½" to 10" spring diameters; 2½" to 24" vertical stroke range.
Part No. 6580, StrutTamer Elite Strut Spring Compressor.

Part No. 6581, StrutTamer Elite. Includes StrutTamer spring compressor and mobile stand.

Part No. 6582, StrutTamer Elite Stand.

Part No. 6583, Bridge Accessory.

U VIEW
Leak Detection/ Radiator Service Kits

TWISTER SYSTEM KIT

Injection tool and cartridge complete in one system. Just turn the base to inject dye into any
A/C systems. Comes with Twister injector with Universal A/C Dye Cartridge (2 oz./60 ml) - Services up to 25 vehicles. R-134a adapter and service stickers.
Part No. 471030.
Part No. 499006, Replacement cartridge.

DYE FLUORESCENT ADDITIVES & A/C OILS CAN BE FOUND ON PAGE L41

AIRLIFT™ KIT

The tool that revolutionized the way technicians refill cooling systems without airlocks. Comes with, Body Assembly with gauge and ball valve control. Venturi connector and hose. Fill hose with filter. Different size rubber adapters. Complete in a rugged storage case.
Part No. 550000.

SPOTGUN™ & SPOTGUN™ KIT

If you already have a light, then this is the kit for you. Fast and easy hook up to the service port, pull the trigger and dye is injected with no mess or spills. Comes with Spotgun injector with R-12 and R-134a adapters. Universal A/C dye cartridge (8 oz./240 ml) services up to 64 vehicles. Service stickers.
Part No. 471500, Kit.
Part No. 471539, Spotgun™ Injector only.

ROB/3426

ROBINAIR
Recovery/Recycling

LIGHTWEIGHT MODEL - SELF-CLEARING

•Can handle direct liquid recovery without damaging the compressor •Select vapour or liquid recovery; stop recovery when gauge shows system has been pulled into a vacuum •Self-clearing protects against cross contamination; use with any refrigerant •Heat exchange — three row condenser and high CFM fan can handle high ambient conditions for effective recovery
Part No. 25175B.

SPECIFICATIONS
Voltage: 115V 60Hz
Source Tank: 30 or 50 lbs. refillable (not included)
Recovery Rate: Vapour up to 1 lb/min. (0.45 kg/min.) Liquid up to 3 lbs/min. (1.36 kg/min.) Liquid Lift up to 10 lbs/min. (4.60 kg/min.)
Operating Range: -18° to 41° C
Inlet Fitting: 1/4" MFL
Dimensions: 20" H x 12-1/2" W x 10-1/2" D

COOL-TECH 2K - RECOVERY, RECYCLING, EVACUATION & RECHARGING FOR R-134A

•The 342000 automates A/C service from start to finish. Using temperature probes and service hoses, it gives you a snapshot of the system's operation — you can print the information, too — then verifies the refrigerant type, recovers, recycles, evacuates and recharges. It even drains system oil once the job is finished
Part No. 342000.

SPECIFICATIONS
Voltage: 115V 60Hz
Source Tank: 30 or 50 lbs. refillable (not included)
Operating Range: 11° to 49° C
Recycling Filter Drier: 43 cu. in (710cc) spin-on
Scale Resolution: 1/100 lb. (.02 kg)
Pump Free Air Displacement: 6 cfm (142 L/m)
Dimensions: 52" H x 33" W x 20" D

COOL-TECH 34134Z - RECOVERY, RECYCLING FOR R-134A

•Automatic recovery/ recharge by weight •Integrated oil inject drain features •Vacuum pump is now standard •Manual oil purge on control panel •UL certified meets SAE J-2210
Part No. 34134Z.

COOL-TECH 34700Z - RECOVERY, RECYCLING, & RECHARGING FOR R-134A

•Fully automatic function lets you recover, vacuum, leak test, charge, and then walk away. Ergonomic design with large gauges make them easier to see. 6 CFM vacuum pump for fast, thorough pull-down; heavy duty compressor pulls from both high and low sides during recover. Single pass recycling meets SAE specs. Oil injector lets you add system oil in seconds.
Part No. 34700Z.

SPECIFICATIONS
Voltage: 115V 60Hz
Source Tank: On-board 30 lb (14 kg) vessel
Operating Range: 11° to 49° C
Recycling Filter Drier: 43 cu. in (710cc) spin-on
Pump Free Air Displacement: 6 cfm (142 L/m)
Dimensions: 50" H x 34" W x 23" D

Recovery/Recycling Accessories

VINYL DUST COVERS

Protect your investment with a heavy duty vinyl dust cover. Features corded seams for durability; medium gray colour with Cool-Tech logo.
Part No. 17495, Fits all 34300-2K, 34134-2K series.
Part No. 17492, Fits 342000, 17700-2K, 34700-2K series.

REFRIGERANT TANKS

Part No. 17121, 30 lb. Refillable Tank - 1/4" fittings (25175, 25200B, 34234, 34800 Series).
Part No. 34102, 30 lb. Refillable Tank - for R-134a (34234, 34800, 34134A, 34134-2K Series).

RECYCLING FILTER DRIERS

Specially blended for maximum acid and moisture removal.
Part No. 34430, quick change filter for older 17700A, 34450, 34700 series.
Part No. 34724, Spin On Filter for 17700-2K, 34134A, 34134-2K, 342000, 34234, 34300-2K, 34700, 34700-2K, 34800, 34800-2K, 34900 series.

34430

34724

SYRINGE-TYPE INJECTORS

Use these syringe-type injectors to add oil to a fully pressurized A/C system. Just fill the barrel with the amount of oil needed, connect the injector and press the plunger
Part No. 16256, R134a Oil Injector - 1/2" Acme quick Coupler.
Part No. 16258, Oil Injector - 1/4" SAE fitting.

16256

16258

Diagnostics

COOL-TECH ID PLUS - identifies refrigerant type and purges damaging air

•In addition to dependable refrigerant identification, the ID Plus measures non-condensable gases (air) in the refrigerant and purges it directly from the tank or system •Displays the actual percentage of R-12, R-134a, R-22 and air in the system or tank •Hydrocarbon alarm sounds if flammable substances are sensed •On board printer port allows you to connect a printer for hard copy of testing results
Part No. 16910.

SPECIFICATIONS
Power Source: 115V 60Hz Ac
Dimensions: 11" H x 9" W x 4-1/2" D

COOL-TECH ID - signals "Go" only if refrigerant is 98% pure

•"Go" and "No Go" lights clearly show if refrigerant is pure enough to be recovered or charged. Dual power source gives you service flexibility •Hydrocarbon alarm protects the user by signalling if potentially dangerous butane, propane, etc., is present in the refrigerant •Display percent of air in the A/C system or tank
Part No. 16900.

SPECIFICATIONS
Power Source: 12V DC or 115V 60Hz Ac (adapter included)
Dimensions: 11" H x 9" W x 4-1/2" D

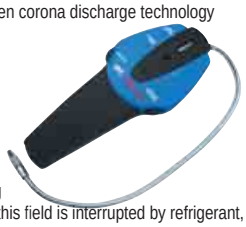
TRUTRACK ULTRASONIC LEAK DETECTOR

•TruTrack ultra-sensitive leak detector uses ultrasound technology to "hear" the sound of a leak. It makes finding leaks fast and accurate because it eliminates annoying false triggering and interference •It's effective only on systems that are pressurized or under vacuum, because it senses the frequency of refrigerant escaping •Use TruTrack to identify: refrigerant leaks, pressurized gas leaks, vacuum leaks, dry nitrogen gas leaks, steam leaks, and failing solenoids, valves, bearings
Part No. 16455.

SPECIFICATIONS
Power Source: One 9V battery (included)
Dimensions: 4½" H x 3-3/8" W x 3/4" D

ELECTRONIC LEAK DETECTOR - for all CFC, HCFC and HFC refrigerants

•Uses proven corona discharge technology to sense leaks. It works by creating a high voltage corona in the sensing tip. When this field is interrupted by refrigerant, the alarm is triggered •Ergonomically designed so it fits your hand, holding it while you're searching for leaks is natural and comfortable •16" gooseneck probe
Part No. 16600.



SPECIFICATIONS
Power Source: Four AA alkaline batteries (included)
Battery Life: Approximately 25 hours
Dimensions: 8-1/2" H x 3-1/4" W x 2" D

UV LEAK DETECTION KITS

•UV leak detection finds auto leaks quickly without mess, measuring or calculations. •Ultraviolet dye is injected and circulated throughout the A/C system refrigerant, then seeps out at the point of a leak. •With the high power UV lamp, the leak will glow brightly and be spotted easily.
Part No. 16350, •Kit includes: Powerful 50 watt/12 volt UV lamp with cord and battery clips; injection gun with R-134a and R-12 adapter; UV enhancing glasses with dye cleaner; four universal A/C dye twist-on cartridges, enough dye for 20 applications (OEM approved and SAE certified dye)

Part No. 16380, •Kit includes: Cordless/rechargeable true UV LED light; six 1/4 oz. dye cartridges; UV enhancing glasses with dye cleaner; injection gun with R-134a hose and R-12 adapter.

REPLACEMENT FLUORESCENT DYES FOR TRACKER SYSTEM

Part No. 16276, Universal A/C Dye - use with mineral, ester and alkylbenzene oils. Can be used with any UV lamp. Case of 12, 7.39 ml bottles

Part No. 16253, R-134a Fluorescent Dye - Case of 12, 7.39 ml bottles

Part No. 16255, Engine Coolant Dye - same fluorescence as A/C dyes, add through radiator cap. Case of 6, 7.39 ml bottles

Part No. 16268, 4-in-1 Dye - Use to detect leaks in fuel, gasoline engine oil, diesel engine oil and automatic transmission fluid lines. Will not break down under extreme heat. Case of 6, 7.39 ml bottles

Part No. 16263, Fluorescent UV Dye Cleaner - cleans dye from system components/surfaces. Just spray on and wipe clean.

Part No. 16266, Extended-Life Radiator Coolant Dye - pinpoint leaks in radiators, hoses/fittings, water pumps, and head gaskets. For use with red, orange or yellow extended life coolants. Case of 6, 30 ml bottles.

DIGITAL THERMOMETER

•Gives you full feature capabilities in a case that's small enough to fit in your shirt pocket •A wide temperature range and highly accurate reading make it useful for a variety of applications •Switch selects Celsius or Fahrenheit •Durable case includes a cover to protect probe
Part No. 43240.

SPECIFICATIONS
Range: -40° to 390° F (-40° to 200° C)
Accuracy: ± 2° F between - 14° and 212° F
±1° C between - 10° and 100° C
Otherwise: ± 3° F (±1° C)
Battery: One 1.5V x 1, Size LR44

DIGITAL THERMOMETER w/ SWIVEL HEAD

•180° swivel head makes display easier to read in tight places •Switch selects Celsius or Fahrenheit •Durable case includes pocket clip •For surface, liquid, and air temperatures •Automatically powers off after 10 minutes if ON/OFF is not pressed
Part No. 43230.

SPECIFICATIONS
Range: -58° to 302° F (-50° to 150° C)
Accuracy: ± 2° F between -4° and 248° F
±1° C between -20° and 120° C
Otherwise: ± 4° F (±2° C)
Battery: One 1.5V, Size LR44

POCKET THERMOMETERS

•Give you accurate readings for diagnosis and service verification •Comes with a pocket clip carrying case for protection and easy access •Easy to read 1" dial face
Part No. 50597, Temp. range 0° to 220°F.

Part No. 40859, Temp. range - 40° to 70°C.

Manifolds/Hoses

1/4" ENVIRO-GUARD™ CHARGING HOSES

•Premium refrigerant charging hose built for long life and dependability. A strong, six-sided crimp provides a reliable connection between the hose and barb, even at maximum pressure. The coupler nuts are deeply knurled for quick finger-tightening.

1/4" Enviro-Guard™ Hose with Quick Seal Fittings - special barrier material prevents virtually any permeation of refrigerant, yet remains flexible. With 45° quick seal fittings. 740 psi working pressure, 3700 psi burst pressure. 96" in length.
Part No. 68296A, Blue.
Part No. 68396A, Red.
Part No. 68196A, Yellow.

1/4" Enviro-Guard™ Hose for Automotive R-134a - meets all specifications for low permeation construction. Clearly marked for R-134a. 740 psi working pressure, 3700 psi burst pressure. 96" in length. 14 mm x 1/2" ACME fittings.
Part No. 62121, Blue.
Part No. 63096, Red.
Part No. 61096, Yellow.

REPLACEMENT PARTS FOR HOSES & ADAPTERS

Part No. 18180, O-Rings for Quick Seal - 1/4" fittings and adapters. Pkg/6.
Part No. 40531, O-Rings for 10236 adapters. Pkg/6.
Part No. 40084, 3/8" Gaskets. Pkg/6.

R-134a SIDE WHEEL MANIFOLD - for automotive service

•R-134a manifold gauge set with three 72" colour-coded hoses and automotive field service couplers •Features: solid forged brass bar, new universal gauges that show R-134a temperatures in degrees Fahrenheit, plus pressure in psi and kPa. Flexible holster that protects your manifold during use and storage •Includes: R-134a low permeation hoses with field service couplers on the high and low side hoses; yellow hose is 1/4" FFL x 1/2" Acme with quick seal fitting
Part No. 40134A.

R-12 SIDE WHEEL MANIFOLD

•With 1/4" fittings and three 36" standard hoses •For R12 use
Part No. 40153.

COOL-TECH VACUUM PUMP - for automotive A/C systems

•The purpose of a vacuum pump is to remove moisture and air from an A/C-R system •The Cool-Tech pump evacuates twice as fast as major competition pumps •Weighs only 27 lbs.
Part No. 15434, 4 cfm model.
Part No. 15600, 6 cfm model.

SPECIFICATIONS
Voltage: 115V 60Hz
Free Air Displacement: 15434: 4 cfm 15600: 6 cfm
Number of Stages: Two
Factory Micron Rating: 20 microns
Intake Fitting: 15434: 1/2" ACME and 1/4" MFL
15600: 1/4" and 1/2" MFL
Oil Capacity: 15 oz.
Motor Size: 15434: 1/3 HP 15600: 1/2 HP
Dimensions: 9-3/4" H x 5-5/8" W x 15" L

COOL-TECH VACUUM PUMP - for automotive A/C systems

•The purpose of a vacuum pump is to remove moisture and air from an A/C-R system •Weighs only 10 lbs. •Smaller, easy to carry unit
Part No. 15234, 1.2 cfm model.

SPECIFICATIONS
Voltage: 110-115V 50-60Hz
Free Air Displacement: 1.2 cfm
Number of Stages: Two
Factory Micron Rating: 50 microns
Intake Fitting: 1/4" MFL and 1/2" ACME
Oil Capacity: 5 oz.
Motor Size: 1/8 HP
Dimensions: 8-1/2" H x 4-1/4" W x 9-1/2" L

PREMIUM HIGH VACUUM PUMP OIL

•Engineered to maintain maximum viscosity at high running temperatures and to improve cold weather starts. •Thermally stable — resists breaking down due to heat for a longer period of time •Lower moisture content
Part No. 13119, Pint bottle.
Part No. 13203, Quart bottle.
Part No. 13204, Gallon bottle.

General Tools & Adapters

HEATER BLANKET

•Speeds charging by maintaining a constant temperature, thus creating a positive pressure between the refrigerant tank and the A/C system •Fits 30 and 50 lb. refrigerant tanks •Thermostat is set at 125° F (55°C) •Thermal cut-off switch protects against overheating •300 watts, 2.6 amps
Part No. 10994.

AUTOMOTIVE VALVE CORE REMOVERS FOR DEEPER CORES

R-12 Valve Core Remover - services late model GM cars with deeper valve cores.
Part No. 11014.

R-134a Valve Core Remover - popular valve core remover/installer has been engineered for use when servicing deeper core R-134a A/C systems.
Part No. 10588.

VALVE CORE DEPRESSORS & HOSE GASKETS

Part No. 40082, Pk of 6, ¼" valve core depressors.
Part No. 40083, Pk of 6, ¼" hose gaskets.

FITS-ALL ADAPTER KIT

•Ideal for accessing R-12 vehicle A/C systems, as well as other types of systems •Five different adapters are included with ¼" fittings; three flexible adapters and two 90° brass adapters
Part No. 10237A.

SERVICE COUPLERS FOR R-134a

•These connect to special Enviro-Guard hoses to allow access to service ports on automotive R-134a A/C systems •Compact design fits easily into tight quarters
Part No. 18190A, Low side coupler, blue actuator.
Part No. 18191A, High side coupler, red actuator.
Part No. 19150, O-ring kit for field service couplers.

MANUAL CHARGING SCALE

Designed for fast, accurate refrigerant charging, it can also be used as a regular weight scale (110 pound maximum). The one piece design is built into a protective carrying case with handle. Use for any refrigerant, any application. LCD Display - shows weight on scale platform, can be read even in bright light. Corner Balancing - accurate measurements, even with off center tank placements.
Part No. 34985.

Contamination Removal

TRANSFLOW TRANSMISSION OIL COOLER FLUSHER

•Fix it right the first time... designed to measure oil flow capacity within the transmission oil cooler, and also has the capability to flush contaminated oil from the TOC after repairs. •Only unit in industry that performs a flow rate test •Flush and flow test time is 5 to 8 minutes •32 quart supply tank; 34 quart waste tank •Supply and waste hoses each 10' long •10' long, 12V DC power cables with battery lead clips •Requires shop air (90 psi, min.) and 12V DC source
Part No. 92000.

TRANSMISSION FLUID EXCHANGER

•Most transmission problems are the result of contamination. As the transmission runs, heat breaks down the automatic transmission fluid, creating varnish. This varnish is deposited on metal parts including the valve bodies that control shifting, as well as on internal seals and other non-metal parts. When the seals shrink due to dehydration, internal pressure is lost, resulting in clutches that slip and ultimately transmission that fail. The Transmission Fluid Exchanger features: •Top-off feature - add or subtract in 1/10 qt. increments •"Low Fluid Alarm" and "Indicator Light" to alert operator •"Drain Waste" feature automatically pumps used fluid from the machine into a waste oil container •"Drain Pan" feature drains the pan for easy filter replacement. No mess •High intensity LEDs with UV filters make display readable in direct sunlight •High capacity new oil supply tank •Casters and wheels for easy mobility
Part No. 92500.

Coolant Recycler

COOLANT EXCHANGER... Designed with the user in mind

•Works on pressurized and non-pressurized cooling systems •10 minute exchange process means no more waiting for the engine to warm up •Features; •"Engine Off" feature removes pulleys, belts, and fan blades from the safety equation •No additional ventilation required •Vacuum mode creates a "push/pull" exchange process allowing the technician to safely remove high pressure in a hot system •"Hands-off" transfer of used coolant to a bulk tank prevents spills and helps protect the technician •No electricity required. 90 psi shop air drives the exchange process, as well as the 2 gpm pump on the waste tank •Impact resistant polypropylene cabinet will not scratch or dent vehicle •Large, inflatable tires carry a well balanced platform easily across any shop floor •Two external new coolant supply tanks allow on board storage of two different coolant types •On board storage of step adapters •Adapter kit included •No hoses to cut •96" hoses can be neatly stored on unit
Part No. 75700.

ECONO-CLEAN COOLANT SERVICE ACCESSORIES

•To ensure coolant will provide adequate protection to the vehicle, the coolant should be adjusted to the manufacturer's specifications. These accessories will help you quickly test coolant.
Part No. 75134, Coolant Test Strips - just dip a strip in coolant and it shows the freeze point and the pH; bottle of 50 strips.

COOLANT REFILLER WITH AIR LOCK PREVENTER

•26" Hg vacuum refills cooling system without air lock •Eliminates the need for "bleeding" •Checks for system leaks and utilizes OEM approved technology •Universal "Fits all" cone adapter •Streamline design for fast, efficient operation •Built in gauge protector
Part No. 75260.

Consumer & Light Industrial Vacuums

QSP™ SHOP-VAC PLUS

•Super quiet housing with powerful by-pass motor •Top carrying handle for easy mobility •Handy cord wrap eliminates sloppy cord storage •Tool holder for convenient accessory storage •Automatic float shut-off prevents wet pick-up overflow •Anti-tip caster feet •Drain plug for easy emptying •4.5 peak horsepower, 10 gallon QSP™ ("Quiet Super Power") Plastic Tank Vacuum. Includes: 18 ft. power cord, 7 ft. x 1¼" hose with air flow control, (2) 1¼" extension wands, 10" combination nozzle with squeegee.
Part No. 586-59.

SHOP-VAC ULTRA SERIES

•Increased performance/quieter operation •18 ft. power cord with cord wrap •Powerful blower port •Oversized tank drain •Heavy duty rear wheeled dolly •8 ft. x 2½" locking hose with holding clip •(2) 2½" extension wands •14" floor nozzle with squeegee insert •8" utility nozzle •Crevice tool •Concentrator nozzle •Elbow grip •Large accessory storage basket •Foam sleeve •Cartridge filter with retainer •Collection bag

Part No. 962-09, 5.0 peak horsepower, 10 gallon tank vacuum.
Part No. 962-16, 6.5 peak horsepower, 16.5 gallon tank vacuum.

Commercial/Industrial Vacuums

Shop-Vac® industrial and commercial wet/dry vacuums feature a special double filtration system for optimum performance. The large area and high efficiency primary filter captures dirt, dust, and airborne particles while allowing superior airflow. The secondary filter media filters out additional particles and acts as a back-up to the primary filter. Specifications include: Peak Horsepower: the maximum output horsepower of a motor as determined from a laboratory test (outside of the normal operating range of a cleaner). Sealed Pressure: SP represents how far up a glass tube a vacuum motor will lift a column of water. Cubic Feet per Minute: CFM is a measure of the quantity of air moved by the vacuum motor at a particular system load.

6.5 PEAK HP SINGLE STAGE, 6.5 GALLON LIGHTWEIGHT POLY TANK VACUUM

Standard equipment includes: 18 ft. power cord, 8 ft. x 1¼" hose with hand grip and airflow control, (2) metal extension wands, 10" combination wet/dry nozzle, squeegee insert, dual surface selector nozzle, crevice tool, round brush, gulper nozzle, tank drain, and accessory basket. Filters included: high quality dual ply collector bag, foam and reusable filter. Specifications: 66" SP and 185 cfm.
Part No. 925-28.

6.5 PEAK HP SINGLE STAGE, 8 GALLON STAINLESS STEEL TANK VACUUM

Standard equipment includes: 18 ft. power cord, 8 ft. x 1¼" hose with hand grip and airflow control, (2) metal extension wands, 10" combination wet/dry nozzle, squeegee insert, dual surface selector nozzle, crevice tool, round brush, gulper nozzle, and cross brace steel dolly. Filters included: high quality dual ply collector bag, foam and reusable filter. Specifications: 66" SP and 185 cfm.
Part No. 925-23.

2.5 PEAK HP TWO STAGE, 10 GALLON LIGHTWEIGHT POLY TANK VACUUM

1¼" accessory kit includes 18 ft. power cord, 10 ft. hose, (2) metal wands, master nozzle, squeegee, rug and brush shoe, crevice tool, utility nozzle, and round brush. Filters included: foam sleeve, high quality dual ply collector bag, ultra web cartridge filter. Specifications: 90" SP and 100 cfm.
Part No. 962-21.

2.5 PEAK HP TWO STAGE, 8 GALLON STAINLESS STEEL TANK VACUUM

1-1/4" accessory kit includes 18 ft. power cord, 10 ft. hose, (2) metal wands, master nozzle, squeegee, rug and brush shoe, crevice tool, utility nozzle, and round brush. Filters included: foam sleeve, high quality dual ply collector bag, ultra web cartridge filter. Specifications: 90" SP and 100 cfm.
Part No. 962-47.

4.0 PEAK HP TWO STAGE, 11.5 GALLON LIGHTWEIGHT POLY TANK VACUUM

1-1/2" accessory kit includes 35 ft. power cord, 10 ft. hose, (2) metal wands, metal master nozzle, squeegee, rug and brush shoe, crevice tool, utility nozzle, and round brush. Filters included: foam sleeve, high quality dual ply collector bag, full circumference filter, Cleanstream abrasive resistant cartridge filter. Specifications: 105" SP and 110 cfm.
Part No. 950-22.

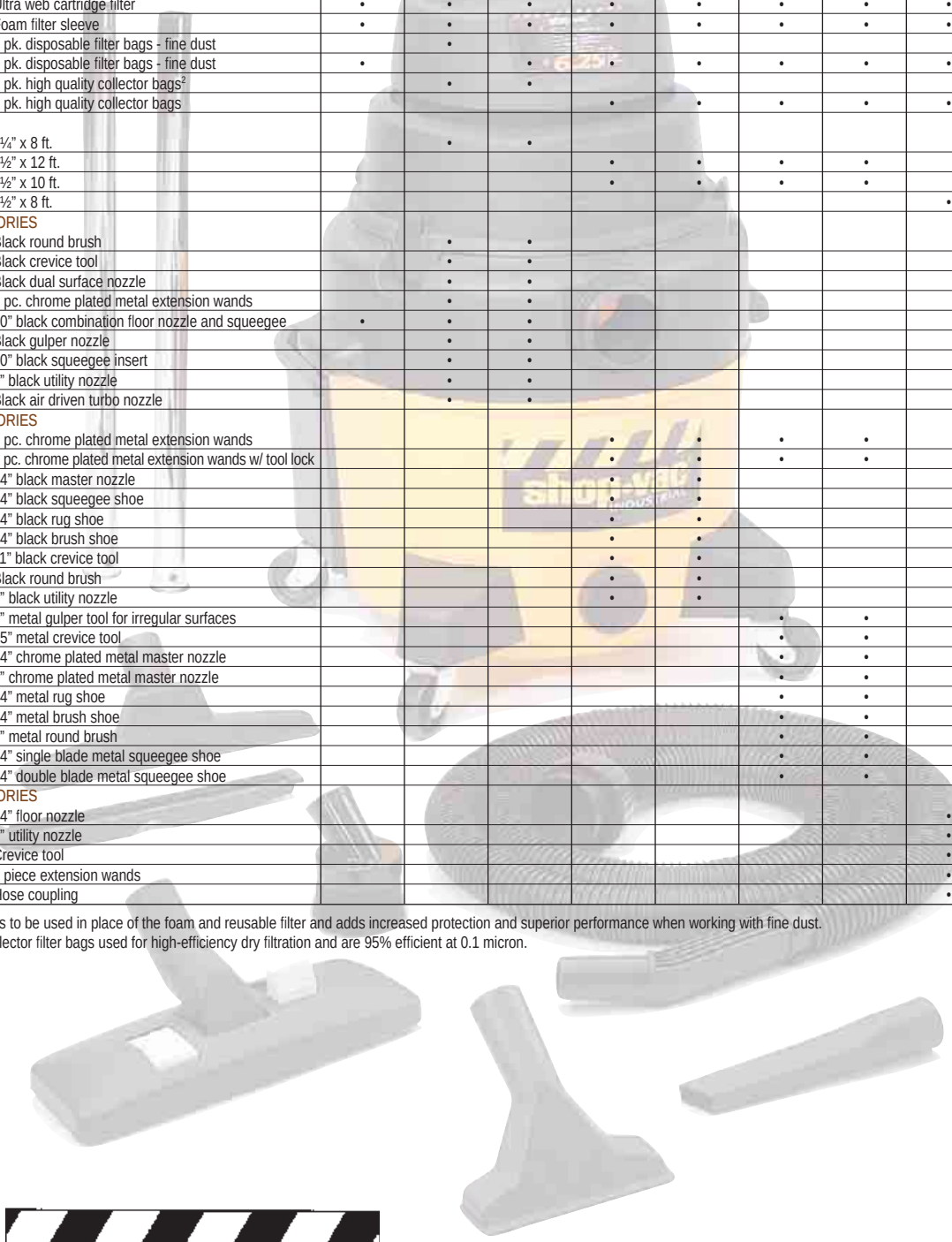
4.0 PEAK HP TWO STAGE, 8 GALLON STAINLESS STEEL TANK VACUUM

Standard equipment includes: 35 ft. power cord, 10 ft. x 1-1/2" crush-proof hose with positive lock swivel end, (2) interlocking metal extension wands with tool lock, 14" master nozzle, rug/brush/squeegee shoes, crevice tool, round brush, utility nozzle, tool basket and 4 wheel heavy duty dolly with non-marking wheels. Filters included: foam, high quality dual ply collector bag, and full polyester filter. Specifications: 105" SP and 110 cfm.
Part No. 950-11.

SHOP-VAC®
Vacuum Accessories

Part No.	Description	586-59 4.5 hp/10 gal. poly tank	925-28 6.5 hp/6.5 gal. poly tank	925-23 6.5 hp/8 gal. stainless steel tank	962-21 2.5 hp/10 gal. poly tank	962-47 2.5 hp/8 gal. stainless steel tank	950-22 4 hp/11.5 gal. poly tank	950-11 4 hp/8 gal. stainless steel tank	962-09 5 hp/10 gal. poly tank	962-16 6.5 hp/16.5 gal. poly tank
FILTERS										
901-07	Reusable filter and mounting ring	•	•	•	•	•	•	•	•	•
901-15	Super performance polyester filter		•	•	•	•	•	•		
903-04	Cartridge filter[1]		•	•	•	•	•	•	•	•
903-80	Cleanstream HEPA filter	•	•	•	•	•	•	•	•	•
903-90	Ultra web cartridge filter	•	•	•	•	•	•	•	•	•
905-85	Foam filter sleeve	•	•	•	•	•	•	•	•	•
905-32	3 pk. disposable filter bags - fine dust		•							
905-34	3 pk. disposable filter bags - fine dust	•		•	•	•	•	•	•	•
919-05	5 pk. high quality collector bags[2]		•	•						
919-06	5 pk. high quality collector bags				•	•	•	•	•	•
HOSES										
905-65	1¼" x 8 ft.		•	•						
906-25	1½" x 12 ft.				•	•	•	•		
903-30	1½" x 10 ft.				•	•	•	•		
905-03	2½" x 8 ft.								•	•
1¼" ACCESSORIES										
906-15	Black round brush		•	•						
906-16	Black crevice tool		•	•						
906-32	Black dual surface nozzle		•	•						
905-48	2 pc. chrome plated metal extension wands		•	•						
906-21	10" black combination floor nozzle and squeegee	•	•	•						
906-19	Black gulper nozzle		•	•						
905-84	10" black squeegee insert		•	•						
905-83	6" black utility nozzle		•	•						
906-98	Black air driven turbo nozzle		•	•						
1½" ACCESSORIES										
903-20	2 pc. chrome plated metal extension wands				•	•	•	•		
903-08	2 pc. chrome plated metal extension wands w/ tool lock				•	•	•	•		
903-21	14" black master nozzle				•	•				
903-22	14" black squeegee shoe				•	•				
903-23	14" black rug shoe				•	•				
903-25	14" black brush shoe				•	•				
903-26	11" black crevice tool				•	•				
906-47	Black round brush				•	•				
903-27	6" black utility nozzle				•	•				
901-74	6" metal gulper tool for irregular surfaces						•	•		
901-76	15" metal crevice tool						•	•		
903-15	14" chrome plated metal master nozzle						•	•		
905-35	6" chrome plated metal master nozzle						•	•		
903-17	14" metal rug shoe						•	•		
903-18	14" metal brush shoe						•	•		
905-38	3" metal round brush						•	•		
905-39	14" single blade metal squeegee shoe						•	•		
903-16	14" double blade metal squeegee shoe						•	•		
2½" ACCESSORIES										
906-77	14" floor nozzle								•	•
906-75	8" utility nozzle								•	•
906-78	Crevice tool								•	•
906-84	2 piece extension wands								•	•
906-86	Hose coupling								•	•

[1]Cartridge filter is to be used in place of the foam and reusable filter and adds increased protection and superior performance when working with fine dust.
[2]High quality collector filter bags used for high-efficiency dry filtration and are 95% efficient at 0.1 micron.



shop-vac® INDUSTRIAL COMMERCIAL

Industrial Vacuums

Milwaukee® Industrial Steel Tank Wet/Dry Vacuums Feature: Positive water shut-off — protects motor from direct exposure to water; Heavy duty filter system — for the roughest coarse materials to the finest dust; Use as blower — switch hose from intake to exhaust, for cleaning inaccessible areas; Vacuum motor design —centrifugal blower produces high efficient vacuum and air flow. By-pass motor provides discharge of vacuum air from the fan case with a separate system for motor cooling. Clean air is drawn into top of motor and discharged through motor housing vents protecting motor from direct exposure to moisture. Sealed Pressure: SP represents how far up a glass tube a vacuum motor will lift a column of water. Cubic Feet per Minute: CFM is a measure of the quantity of air moved by the vacuum motor at a particular system load.

11 GALLON STEEL TANK VACUUM - 3 STAGE BY-PASS 9.2 AMP MOTOR TYPE

Standard equipment includes: 1½" O.D. hose connections, cord with 3-prong grounded plug, 3 hold down clamps and 4-wheel caddie with non-marring wheels, three paper filter bags, cloth filter, wire frame assembly, wet pick-up conversion pan, swivel connector and store-all tool bag. Specifications: 120 volt, 134" SP and 92 cfm.

Part No. 8912.

10 GALLON STEEL TANK VACUUM - 1 STAGE BY-PASS 6.2 AMP MOTOR TYPE

Standard equipment includes: 1½" O.D. hose connections, 7 ft. x 1½" I.D. vinyl hose, hose adapter, cord with 3-prong grounded plug, 3 hold down clamps and 3 wheel dolly, three paper filter bags, cloth filter assembly, foam filter sleeve. Specifications: 120 volt, 49" SP and 133 cfm.

Part No. 8965.

10 GALLON STEEL TANK VACUUM - 1 STAGE BY-PASS 8 AMP MOTOR TYPE

Standard equipment includes: 1½" O.D. hose connections, 7 ft. x 1½" I.D. vinyl hose, hose adapter, cord with 3-prong grounded plug, 3 hold down clamps, 3 wheel dolly, and filter cartridge. Specifications: 120 volt AC, 60 Hz, 45" SP and 143 cfm.

Part No. 8955.

Milwaukee® Industrial Poly Tank Wet/Dry Vacuums Feature: Front drain valve with hose connector; Polyethylene tank — high impact 1/4" wall construction resists rust and corrosive liquids; Use as blower — switch hose from intake to exhaust for cleaning inaccessible areas; Heavy duty filter system —large, totally enclosed filter bags provides larger filtration area and convenient disposal. Sealed Pressure: SP represents how far up a glass tube a vacuum motor will lift a column of water. Cubic Feet per Minute: CFM is a measure of the quantity of air moved by the vacuum motor at a particular system load.

21 GALLON POLY TANK VACUUM - 3 STAGE BY-PASS 9.2 AMP MOTOR TYPE

Standard equipment includes: three paper filter bags, cloth filter, wire frame assembly, wet pick-up conversion pan, swivel connector and store-all tool bag. Specifications: 120 volt, 134" SP and 92 cfm.

Part No. 8926.

MWK/2826

49-90-1660

49-90-0320

49-90-1830

Vacuum Accessories

Part No. 49-90-0260, 16" Dia. Wire Frame Filter Cage, Cloth Filter and Gasket Assembly - Tub style. Cloth filter and gasket 16" dia. Required for dry pick up.

Part No. 49-90-1660, Automotive Kit - Designed for automotive cleanup work. Kit consists of 10 ft. hose, 15" crevice tool and utility nozzle.

Part No. 49-90-0302, Disposable Paper Filter Bags - 5 pack. For vacuum cleaner nos. 8912 and 8965.

Part No. 49-90-0320, Dacron Filter - Fits all vacuum cleaners. Bag is suited for pick up of medium fine dust and coarse, sharp material. Fits over cloth filter sleeve.

Part No. 49-90-1830, Wet/Dry Pick Up Cartridge Filter - For 8955. Interchangeable with cloth filter assembly and foam filter sleeve.

Vacuum Cleaners

NEW!! RIDGID

4 GALLON WET/DRY VACUUM CLEANER

Compact, light, and portable — easy to store and to take with you on the job. 5.0 peak HP delivers more high performance power than vacuums twice its size. Tug-A-Long™ positive locking hose locks 7 ft. hose to vacuum, so the hose won't pull out during use. 1-7/8" hose gives clog-free performance of larger hoses with the flexibility of smaller hoses. Use for wet and dry clean-ups. Unit also includes a blowing port for maximum versatility. 2 layer high efficiency filter is great for drywall and other fine dust. On board accessory storage keeps accessories on hand and easy to reach. Includes: positive locking hose, multi-purpose nozzle, muffler/noise diffuser, 2 stage drywall filter. 20 ft. cord.
Part No. 15813.

4.5 GALLON PRO PACK WET/DRY VACUUM CLEANER

Accessories, cord, and hoses store inside vacuum which keeps everything organized and close at hand. Compact, light, and portable 15.5 lb. unit is easily stacked and stored. 5.0 peak HP is more powerful than units twice its size. Fine dust filter great for drywall dust, fine filtration, it is washable and reusable. Expandable hose provides 7 ft. of immediate reach. 1-7/8" diameter hose gives clog-free performance of larger hoses with the flexibility of smaller hoses. This Pro Pack includes: Wet/dry vac, hose, utility nozzle, crevice tool, dusting brush, Microban® treated 3-layer fine dust filter.
Part No. 22713.

6 GALLON WET/DRY VACUUM CLEANER

Compact, maneuverable, stores easily — this makes for a great general purpose vacuum cleaner. 2.5 peak HP motor. Tug-A-Long™ positive locking hose positively locks 7 ft. hose to vacuum, so the hose will not pull out during use. Power head with new design provides more efficient air flow, better suction and less noise which results in more power and quieter operation. 6 gallon capacity drum is large enough for various spills. Lower centre of gravity helps prevent tipping. Four swivel casters provides ease of movement when pushed or pulled in any direction. Innovative accessory storage: a pocket exists on each caster — no more searching or fumbling to find accessories. Pleated paper filter has a large surface area — it's washable, reusable, clogs less quickly and can be used for both wet and dry pick-ups. High impact polypropylene construction, with 10 ft. cord. Includes: 2 extension wands, positive locking hose, utility nozzle, pleated paper filter.
Part No. 96877.

12 GALLON WET/DRY VACUUM CLEANER

Large enough for big spills, this unit is still compact and stores and empties easily. Powerful 5.0 peak HP double insulated motor. Power head with new "scroll" design provides more efficient air flow, better suction and less noise resulting in more power and quieter operation. 12 gallon larger capacity is great for bigger spills in busy shops or households and garages. Great heavy duty vacuum for a variety of applications. Lower centre of gravity helps prevent tipping and its compact design means it stores easily. Highly maneuverable four swivel casters provide ease of movement when pushed or pulled in any direction. Tug-A-Long™ positive locking hose positively locks 2½" x 7 ft. hose to vacuum so it won't pull out during use. 6 on board accessory storage locations means no more searching or fumbling to find accessories. Pleated paper filter with a large surface area (1600 sq. in.) is a washable, reusable filter which clogs less quickly (more than twice the filter surface area of the leading competitor). Filter is treated with Microban® which fights and inhibits the growth of mold, mildew, and bacteria that shorten filter life. Can be used for both wet and dry pick-ups. Blowing port offers over 160 MPH of blowing capacity for such things as blowing leaves from walkways, decks, debris from job sites, tools, etc. Smooth drum with no lip allows complete dumping of debris or water. 20% quieter than a 9 gallon unit. 15 ft. cord. High impact polypropylene construction. Includes: 2 extension wands, positive locking hose, utility nozzle, wet nozzle, car nozzle, filter.
Part No. 96887.

14 GALLON WET/DRY PRO VACUUM CLEANER

Need info (more info requested on this vacuum from Ridgid). Includes: 2 extension wands, positive locking hose, utility nozzle, multipurpose (car) nozzle, crevice tool, high efficiency pleated paper filter treated with Microban®.
Part No. 18718.

16 GALLON WET/DRY VACUUM CLEANER w/ DETACHABLE BLOWER

265 MPH detachable blower removes debris from walkways, decks and job sites — large enough to tackle tough chores. No need to own a separate leaf blower — this detachable hand held blower meets or exceeds that of dedicated lawn and garden leaf blowers. 6.5 peak HP motor provides maximum power for the heavy duty pick-up of water and debris on the job site, in the shop, basement, garage, or inside the house. Power head with new design provides more efficient air flow, better suction, and less noise resulting in more power and quieter operation. 16 gallon capacity is large enough for big spills, busy shops or households and garages — a great all around heavy duty vacuum. Lower centre of gravity helps prevent tipping and its compact design means it store easily. Maneuverable four swivel casters provide ease of movement when pushed or pulled in any direction. 2½" x 7 ft. Tug-A-Long™ positive locking hose positively locks hose to vacuum so the hose won't pull out during use. 20 ft. cord. High impact polypropylene construction. Includes: Hose, utility nozzle, wet nozzle, car nozzle, blower nozzle, pleated paper filter treated with Microban®.
Part No. 96897.

RIDGID®

RIDGID

RIDGID TOOLS
Vacuum Cleaners

16 GALLON WET/DRY PRO VACUUM CLEANER

Built for the professional/contractor. Powerful heavy duty 6.5 peak HP motor for industry leading performance provides maximum power for the heavy duty pick-up of water and debris on the job site, in the shop, basement, garage, or inside the house. 2-piece drum for extra strength. Power head with new patented SNR "Scroll Noise Reduction" design which provides more efficient air flow, better suction and less noise resulting in more power and quieter operation. New filter performance sensor lets you know when it's time to clean or replace your filter. Large 16 gallon capacity for big spills/messes. 2½" x 7 ft. Tug-A-Long™ positive locking hose positively locks hose to vacuum, so it won't pull out during use. Very maneuverable heavy duty cart system provides ease of movement over the toughest of terrain with quick-release cart handle for easy emptying of the drum. Removable accessory storage bag provides a storage bin for all accessories and more. Fine particle filter treated with Microban® is washable, reusable, clogs less quickly and resists bacteria growth, mold, and microbials. Blowing port added to provide powerful capability for blowing leaves, grass clippings, etc. Built-in drain located at the lowest point of drum for complete emptying of water. High impact polypropylene construction. 20 ft. cord. Includes: 2 extension wands, hose, utility nozzle, wet nozzle, multipurpose (car) nozzle, crevice tool, noise muffler, and high efficiency pleated paper filter.
Part No. 18723.

16 GALLON WET/DRY STEEL TANK VACUUM CLEANER

Durable stainless steel construction. Powerful heavy duty 6.5 peak HP motor for industry leading performance provides maximum power for heavy duty pick-up. Power head with patented SNR "Scroll Noise Reduction" design which provides more efficient air flow, better suction and less noise resulting in more power and quieter operation. Filter performance sensor, removable accessory storage bag. 3-layer high efficiency filter treated with Microban® fights and inhibits the growth of mold, mildew and bacteria; great for drywall dust, fine filtration, washable, reusable, and used for both wet and dry pick-ups. 2½" x 7 ft. Tug-A-Long™ positive locking hose positively locks hose to vacuum, so it won't pull out during use. Includes: 2 extension wands, hose, utility nozzle, wet nozzle, crevice tool, dust filter.
Part No. 22708.

HOPPY
Lev-L-Lite® Headlamp Aiming Equipment

VA 25 OPTICAL HEADLAMP AIMER

Accurate and meets or exceeds the SAE J599 and J600 standards. It allows for floor slope adjustment. Built in candela meter assists in obtaining correct aim. The VA 25 even provides for accurate adjustment of high mounted headlamps. It's portable, no power required. Designed for multi-bay use. It's easy to use, learn just three easy steps and become an expert in only minutes.
Part No. 82009.

LEV-L-LITE® MECHANICAL HEADLAMP AIMER KIT FOR PROFESSIONAL USERS

Standard equipment includes: Aimer - for driver's side of car; Aimer - for passenger's side of car; Calibration fixtures - for calibrating aimer and calculating floor slope; Circular adapters - for 5-3/4" or 7" round headlamps; Large pad and small pad universal adapters - for use on aerodynamic headlamps and standard rectangular headlamps; 92 x 150 mm adapters - for use on mini-quad headlamps; Instruction / Merchandising materials - detailed operating instruction booklet and VHS video tape; Deluxe heavy duty case.
Part No. 1003B.

REPLACEMENT COMPONENTS / ADAPTERS

Part No. 1005, Passenger side aimer.
Part No. 1006, Driver side aimer.
Part No. 1007, 7" circular adapter.
Part No. 1008, 5-3/4" circular adapter.
Part No. 1009, 6" rectangular adapter.
Part No. 1010, 92 x 150 mm adapters - for use on mini-quad headlamps.
Part No. 0051, Aiming screen - provides 4 ft. x 6 ft. target for aiming headlamps on some vehicles and motorcycles that cannot be aimed mechanically.
Part No. 0231, Calibration fixture - for calibrating aimer and calculating floor slope
Part No. 0201, 8" rectangular adapter.
Part No. 0202, Large universal adapter.
Part No. 0203, Small universal adapter.

Hoppy®

Battery Testers

SOLAR COMPACT BATTERY LOAD TESTER •6/12 VOLT

•Designed especially for do-it-yourselfers and light professional use •100 amp load, tests batteries to 500 cold cranking amps •Tests battery, charging system and starting system •Colour coded, full-size meter provides accurate readings
Part No. 1852.

SOLAR CARBON PILE BATTERY & SYSTEMS TESTER •6/12 VOLT

•Adjustable load, 800 amp maximum load •Tests batteries up to 1600 cold cranking amps •Large accurate meters •Other test functions include: starter draw, alternator/generator performance, voltage regulator performance, regulator bypass, solenoid/circuit resistance, and fusible link continuity
Part No. 1855.

Booster Pac™ & Truck Pac™ Portable Power Sources

Solar's Booster Pac line of portable power sources has been developed around the needs of the professional user, yet offers models suited to the do-it-yourselfer and consumer as well. Whether the need is for portable engine starting power, or powering 12-volt devices in remote locations, there is a Booster Pac for almost every application. All units have these standard quality features: sealed lead-acid battery, heavy duty clamps, flexible heavy duty cables, charge level indicator lights, large test switch, rotating safety storage holsters, 12-volt DC power outlet, fully insulated-durable thermoplastic case, built-in carrying handle, and 110 volt charger for recharging from any household outlet.
Solar's new Truck Pac (by Booster Pac) line of portable power sources is a heavy duty industrial grade line for the specially designed for the trucking industry. Features: •Rotating holsters allow easy removal and replacement of clamps. •Heavy duty cables are extra long. •Heavy duty clamps have high tension springs to penetrate corrosion on battery terminals and transfer maximum power to the vehicle's battery. •Automatic charging eliminates the possibility of overcharging. •Battery status LEDs provide a quick, at-a-glance snapshot of battery condition. •Impact resistant case provides lasting protection. •Truck Pac jump starters feature high performance, replaceable ES Series batteries, specifically developed for vehicle jump starting applications.

BOOSTER PAC - 900 PEAK AMP, 12 VOLT JUMP STARTER

250 crank assist amps. 17 ampere - hour battery, 1/2 amp charger included. Easy to use and lightweight. Its compact size, rugged case and ability to jump up to 5 vehicles on a single charge.
Part No. ES2500.
Part No. ESA1, Replacement charger cord for #ES2500.
Part No. ESA2, Replacement charger for #ES2500, with cigarette plug end.
Part No. ESA22, Replacement charger for #ES2500, with pin style end.
Part No. ES1217, Replacement battery for #ES2500.

BOOSTER PAC - 1500 PEAK AMP, 12 VOLT JUMP STARTER

With a high performance battery and 1500 peak amps, the ES5000 is the Booster Pac for the professionals who need serious starting power. Multiple jumps between charges and 43" cables make the ES5000 as convenient as it is powerful.
Part No. ES5000.
Part No. ESA1, Replacement charger cord for #ES5000.
Part No. ESA17, Replacement charger for #ES5000, with cigarette plug end.
Part No. ESA217, Replacement charger for #ES5000, with pin style end.
Part No. ES1230, Replacement battery for #ES5000 (2 required).

TRUCK PAC™ - 3200/1600 PEAK AMP, 12/24 VOLT JUMP STARTER

3200 peak amps, 800 cranking amps at 12 volts, 600 cranking amps at 24 volts. 2 gauge cable and heavy duty thermo clamps. Features a switch for selecting 12 or 24 volt starting power and turning the unit off. DC outlet powers a variety of 12 volt accessories. Recharge from any 12 volt AC or DC power supply. Includes a 12 volt charger and DC-DC extension cord.
Part No. ES1224.
Part No. ESA1, Replacement charger cord for #ES1224.
Part No. ESA6, Replacement charger for #ES1224, with cigarette plug end.
Part No. ESA26, Replacement charger for #ES1224, with pin style end.
Part No. ES1240, Replacement battery for #ES1224 (2 required).

TRUCK PAC™ — 3000 PEAK AMP, 12 VOLT JUMP STARTER

Powered by twin high performance ES Series batteries, the ES6000 delivers 3000 peak amps for heavy duty starting in even the most difficult situations. Its 54" cables and heavy duty clamps allow ideal placement during jump starting while its automatic charging feature enables you to keep the unit in an "always-ready" state.
Part No. ES6000.
Part No. ESA1, Replacement charger cord for #ES6000.
Part No. ESA6, Replacement charger for #ES6000, with cigarette plug end.
Part No. ESA217, Replacement charger for #ES6000, with pin style end.
Part No. ES1240, Replacement battery for #ES6000 (2 required).

TRUCK PAC™ — 1500 PEAK AMP, 24 VOLT JUMP STARTER

This 24 volt dedicated unit is ideal for fleet operators, users of heavy duty implements and agricultural settings. This is the preferred Truck Pac model for users with frequent 24 volt jump starting situations. Having a dedicated model for each starting system voltage (12V and 24V) saves time and simplifies repair operations.
Part No. ES8000.
Part No. ESA1, Replacement charger cord for #ES8000
Part No. ESA210, Replacement charger for #ES8000, with pin style end
Part No. ES1240, Replacement battery for #ES8000 (2 required)

JUMP-N-CARRY® JUMP STARTER/AIR COMPRESSOR

Jump-N-Carry 1700 peak amp jump 12 volt starting performance plus the convenience of an integrated, industrial grade Air Delivery System with 12 ft. air hose and built-in gauge. Extra long 68" cables and Hot Jaw™ clamps allow ideal placement while jump starting and provide maximum power transfer to the vehicle's battery.
Part No. JNCAIR.
Part No. ESA1, Replacement charger cord for #JNCAIR.
Part No. JNC105, Replacement battery for #JNCAIR.

ONBOARD BATTERY CHARGER

Multi-Use Charger/Maintainer: 1.5A trickle charging and maintaining of 12V batteries and improving cold weather starting for automobiles. Features: •Automatic shutoff •Maintains 12 volt batteries without overcharging •Can be mounted permanently on vehicle •Fully automatic - red LED indicates charge status •Oil, water, gasoline and automotive fluids are shielded from charger by a sonically sealed, durable plastic case •Reverse polarity and short circuit protection •Great for batteries in storage •Mounting bracket included
Part No. 1002C.

Portable Battery Chargers/Starters

SOLAR MANUAL BATTERY CHARGER •6/2 AMP, 6/12 VOLT

•Charges standard, maintenance free, deep cycle and motorcycle batteries •Flip to 6 amp setting for charging car or van batteries, and the 2 amp setting for charging motorcycle, go-cart, or yard tractor batteries •Colour coded ammeter to monitor charging progress
Part No. 1007C.

SOLAR MANUAL BATTERY CHARGER •10/2 AMP, 6/12 VOLT

•Charges standard, maintenance free, deep cycle and motorcycle batteries •Excellent full power charger for any size car, truck, van, tractor, or recreational vehicle battery
Part No. 1010C.

SOLAR AUTOMATIC BATTERY CHARGER •10/2 AMP, 6/12 VOLT

•Charges standard, maintenance free, deep cycle and motorcycle batteries •Automatic mode monitors battery voltage to help avoid overcharging •Temperature compensating circuitry assures full charge, even on cold, hard-to-charge batteries (6 volt setting is manual only) •For any size car, truck, tractor, or recreational vehicle
Part No. 1014C.

SOLAR MANUAL BATTERY CHARGER/ENGINE STARTER •10/2 AMP, 6/12 VOLT WITH 55 AMP BOOST

•Charges standard, maintenance free, deep cycle and motorcycle batteries •Booster starts stubborn engines with minimum precharging •55 amp UL rated engine start •95 amp maximum output •Colour coded, full-size ammeter for easy reading and monitoring
Part No. 1050C.

SOLAR FULLY AUTOMATIC BATTERY CHARGER/ENGINE STARTER, MONITOR •10/2 AMP, 6/12 VOLT WITH 55 AMP BOOST

•Charges standard, maintenance free, deep cycle and motorcycle batteries •55 amp UL rated engine start helps spin stubborn engines fast •105 amp maximum output •Temperature compensated; fully charges batteries at cold temperatures and will not overcharge in hot weather •Built-in meter lights indicate reverse connection and full charge (6 volt setting is manual only) •Automatically monitors batteries for extended charging; shuts off if fully charged, turns on again if needed
Part No. 1060C.

Wheel Type Chargers/Starters

Solar chargers run longer and quieter than the competition. Solar has eliminated the need for a fan motor - the part most likely to fail. The chargers are engineered with efficient venting to cool, and larger transformers to dissipate more heat. Features include: •Heavy duty transformer for long dependable service •12 to 24 diode rectifier increases life and dependability - reducing costly down time •Automatic reset circuit breaker protects against overloads •Recessed meters and knobs protect against breakage •UL listed and/or CSA certified •Steel cases with baked finish •Corrosion and oil resistant wheels and foot •Heavy duty charging cable •Adjustable height handle for a convenient cable wrap •Sawtooth, high grip force clamps assure positive connections on top or side mounted terminals.

SOLAR WHEEL TYPE BATTERY CHARGER/ STARTER •40 AMP, 12 VOLT

•Commercial power •425 peak amps •200 amp UL rated engine start (12V) •Colour coded ammeter monitors charging progress •Six foot charging cables
Part No. OS6110.

SOLAR WHEEL TYPE BATTERY CHARGER/ STARTER/TESTER •40 AMP, 6/12 VOLT

•Commercial power •425 peak amps •250 amp UL rated engine start (6V) •200 amp UL rated engine start (12V) •Two hour timer automatically turns charger off when time is up •Tester easily lets you check percentage of charge, alternator performance and problem conditions such as shorted or sulfated batteries •Colour coded ammeter and volt/test meter monitors charging progress •Six foot charging cables
Part No. OS6120.

SOLAR WHEEL TYPE BATTERY CHARGER/ STARTER/TESTER •60 AMP, 6/12 VOLT

•Added power •550 peak amps •325 amp UL rated engine start (6V) •250 amp UL rated engine start (12V) •Two hour timer automatically turns charger off when time is up •Special meter lights indicate reverse hook up and full charge •Tester easily lets you check percentage of charge, alternator performance and problem conditions such as shorted or sulfated batteries •Colour coded ammeter and volt/test meter monitors charging progress •Six foot charging cables
Part No. OS6130.

Wheel Type Chargers/Starters

SOLAR WHEEL TYPE MANUAL-TO-FULLY AUTOMATIC BATTERY CHARGER/ STARTER/TESTER •60 AMP, 6/12 VOLT

•Ultimate in control •550 peak amps •325 amp UL rated engine start (6V) •250 amp UL rated engine start (12V) •Fully automatic mode stops charging battery at full charge - turns ON and OFF as needed •Two hour timer automatically turns charger off when time is up •Infinite amperage control - select any charge rate up to 60 amps •Tester easily lets you check percentage of charge, alternator performance and problem conditions such as shorted or sulfated batteries •Special meter lights indicate reverse hook up and full charge •Six foot charging cables •Extra large colour coded meters, chrome tubular handle, rubber-tired wheels and top-mounted controls
Part No. OS6140.

SOLAR WHEEL TYPE BATTERY CHARGER/STARTER/TESTER •60 AMP, 6/12/24 VOLT

•Rugged and versatile fleet charger •430 peak amps •325 amp UL rated engine start (6V) •225 amp UL rated engine start (12V) •235 amp UL rated engine start (24V) •Two hour timer automatically turns charger off when time is up •Extra large ammeter and volt meter easily check problem conditions such as shorted or sulfated batteries •Eight foot charging cables
Part No. OS6150.

SOLAR®

INTER-PACIFIC TRADING CORP.

Battery Testers & Digital Tachometers

BATTERY TESTER

•Test of the battery •Analysis of battery •Testing the recharge system
Part No. FY-64.

DIGITAL AUTOMOTIVE BATTERY ANALYZER

•Hand held, easy to use •Completed indication and automatic switch off •3 colours LED indicate different conditions •Digital voltmeter
Part No. BT-12.

DIGITAL TACHOMETER (Non-Contact)

•Easy to get high resolution •Fast sampling time: 1 to 2 second •Autoranging with 0.05% RPM accuracy of full scale •Includes four 1.5 volt AA batteries and carrying case
Test Range: 2.5 to 99,999 RPM (r/min)
Resolution: 0.1 RPM (2.5 to 999,99 RPM) 1 RPM (over 1000 RPM)
Total Test Range: 1 -99999
Part No. DT-6234B.

DIGITAL TACHOMETER (Both Contact and Non Contact)

•Non-contact measurements from 5 to 100,000 RPM •Large 5 digit LCD display •Store last Max/Min readings •Proper direction of the light beam is indicated by a panel light •Linear surface speeds in Ft/min or M/min •Complete with cone, RPM sensor tip, surface speed wheel •Autoranging function •Fast sampling time •Complete with 23" reflective tape (only 1/4" square needed for measurements), four 1.5 volt AA batteries and case.
Contact Tach: -5 to 19,999 RPM
Surface Speed: -0.05 to 1,999,9m/min
Surface Speed: -0.2 to 6,560 ft/min
Part No. DT-6236B.

Bandsaws

5" x 6" METAL CUTTING BANDSAW

Features: •Automatic shut-off switch •Can be used horizontally or vertically •Adjustable ball bearing guides •Portable design for easy movement •Table for vertical cutting included
Part No. KC-129C.

Cutting capacity at 90°: Rect. 4½" x 6" •Diam. 5"
Cutting capacity at 45°: Rect. 3" x 4½" •Diam. 3"
Speeds: 3 (80, 120, 200) FPM
Blade: 64½" x ½" x .025"
Motor: 6 Amp.
Voltage: 110V, 1 phase, 60 Hz.
Table Height from Floor: 27½"
Dimensions: 42"L x 18"W x 38"H

7" x 12" METAL CUTTING BANDSAW

Features: •Powerful 1 HP motor •Automatic shut-off switch •Can be used horizontally or vertically •Adjustable ball bearing guides •Portable design for easy movement
Part No. KC-712BC.

Cutting capacity at 90°: Rect. 7" x 12" •Diam. 7"
Cutting capacity at 45°: Rect. 4½" x 5" •Diam. 5"
Speeds: 4 (85, 130, 180, 235) RPM
Blade: 93" x 3/4" x .032"
Motor: 12 Amp. @ 110V, 6 Amp. @ 220V
Pre-wired at: 110V
Voltage: 110V/220V, 1 phase, 60 Hz
Table Height from Floor: 23"
Dimensions: 50"L x 20"W x 39"H

14" WOOD CUTTING BANDSAW

Features: •Excellent for cutting curves and compound angles •10° left, 45° right, square tilting table •Hinged doors for quick access to blade •Quick connect motor to switch plug for easy set-up •Dust chute •Built-in brush cleans drive wheel during operation •Comes complete with induction motor, blade, mitre gauge, cabinet stand, and rip fence
Part No. KC-1433FX.

Cutting capacity frame to blade: 13-5/8"
Maximum depth of cut: 6"
Table size: 14" x 14"
Table height from floor: 43½"
Blade size: 93" x (1/8" - ¾") x .025"
Motor: 10 Amp. @ 110V, 5 Amp. @ 220V
Voltage: 110V/220V, 1 phase, 60 Hz
Prewired at: 110V
Speed: 3 (735-1, 470-2, 350) SFPM
Dimensions: 26"L x 19"W x 68"H

Bench Grinders

6" SLIM LINE BENCH GRINDER

Features: •Offers more wheel to body clearance for grinding long objects and complex shapes •Direct drive motor with no brushes or belts to adjust or replace •Permanently lubricated motor bearings •Adjustable "Easy Clip" shatter resistant plastic eye shields •Removable wheel covers for easier wheel change •Comes complete with adjustable tool rests and medium and coarse grinding wheels
Part No. KC-690.

Wheel size: 6" x ¾"
Motor: 3.5 Amp.
R.P.M.: 3,500
Voltage: 110V, 1 phase, 60 Hz

8" BENCH GRINDER

Features: •Direct drive motor with no brushes or belts to adjust or replace •Permanently lubricated motor bearings •Comes complete with adjustable eye shields, tool rests and medium and coarse grinding wheels
Part No. KC-890.

Wheel size: 8" x ¾"
Arbor: 5/8"
Motor: 7 Amp.
R.P.M.: 3,450
Voltage: 110V, 1 phase, 60 Hz

Recirculating Parts Washers

Features: •Safety lever has fusable link which shuts cover in case of fire •Thermally protected 110V motor and on/off switch •Durable pump included •3 way filtration traps grime •Flush hose delivers flow of solvent to rinse parts clean, quickly and easily

Motor: .25 Amp.
Voltage: 110V, 1 phase, 60 Hz

	Part No. KPW-205	Part No. KPW-220	Part No. KPW-240
Capacity	5 gallons	20 gallons	40 gallons
Solvent capacity	3.5 gallons	12 gallons	30 gallons
Basin dimensions	18¼" x 13½" x 9"	30½" x 21¼" x 10"	44½" x 21¼" x 10½"
Height of stand	N/A	24½"	24½"

KING CANADA

Drill Presses

8" DRILL PRESS

Features: •Switch located at the front of the machine for easy access •Spindle is supported by high quality ball bearings •45° tilting table for angular drilling •Positive depth stop for quick and easy adjustment •1/2" drill chuck and key included •5 speed pulley
Part No. KC-108C.

13" & 15" DRILL PRESS WITH DUAL LASER GUIDE SYSTEM

Features: •Spindle is supported by high quality ball bearings •Cast iron pulleys reduce vibrations •Comes with non slip rubber feed handles •45° tilting table for angular drilling •Locking depth stop for accurate repetitive blind hole drilling •5/8" drill chuck and key included •16 speeds
Part No. KC-116FC, 13" drill press.
Part No. KC-117FC, 15" drill press.

17" & 22" DRILL PRESS

Features: •Powerful 1 HP motor •Spindle is supported by high quality ball bearings •Cast iron pulleys reduce vibrations •Comes with non slip rubber feed handles •45° tilting table for angular drilling •Locking depth stop for accurate repetitive blind hole drilling •Drill chuck and key included •Prewired at 110 Volt
Part No. KC-118FC, 17" drill press.
Part No. KC-122FC, 22" drill press.

	Part No. KC-108C	Part No. KC-116FC	Part No. KC-117FC	Part No. KC-118FC	Part No. KC-122FC
Capacity				3/4"	1 1/4"
Chuck size	1/2"	5/8"	5/8"	5/8"	3/4"
Swing	8"	13"	15"	17"	22"
Stroke	2"	3-1/8"	3-1/8"	3 1/4"	4-3/4"
Table size	6 1/2" x 6 1/2"	12-13/16"	13-5/8"	13 3/4"	18 3/4" x 16 1/4"
Speeds (RPM)	5 (620-3100)	16 (210-3670)	16 (210-3670)	16 (230-3630)	12 (140-2660)
Motor	2.5 Amp.	7.5 Amp.	10.5 Amp.	12 Amp. @110V 6 Amp. @ 220V	12.5 Amp. @110V 6.25 Amp. @ 220V
Voltage	110V, 1 phase, 60 Hz	110V, 1 phase, 60 Hz	110V, 1 phase, 60 Hz	110V/220V, 1 phase, 60 Hz	110V/220V, 1 phase, 60 Hz
Dimensions (LxWxH)	6 3/4" x 16 1/2" x 23"	12-13/16" x 25" x 63 1/2"	13-5/8" x 25" x 63 1/2"	13 3/4" x 25" x 64"	18 3/4" x 33" x 69"

Belt Disc Sanders

KC-702C

KC-705L

Features: •Motors are all sealed ball bearing construction •Comes with adjustable tilting tables •Easy belt tracking system for quick changing of belts •Handle all your finishing operations including sanding, surfacing, grinding, cleaning, and deburring on wood, metal and plastic

	Part No. KC-702C	Part No. KC-705L
Belt	1" x 30"	4" x 36"
Belt lift	0° - 45°	0°-90°
Belt speed	2,000 SFPM	2,000 SFPM
Disc	5"	6"
Disc speed	2,800 SFPM	3,450 SFPM
Motor	2.5 Amp.	5.2 Amp.
Voltage	110V, 1 phase, 60 Hz	110V, 1 phase, 60 Hz
Dimensions L x W x H	14 1/2" x 12 1/2" x 14"	17" x 14" x 11"

Air Compressors

8488

8449

Features: •Durable oil lubricated pump •Convenient reset feature on unit •Air filter is enclosed in a metal case •ASME safety valve •1/4" Universal "One-Touch" quick coupler •Air pressure regulator and easy to read pressure gauges

	Part No. 8449	Part No. 8488
Motor	1.5 HP/CV	2.5 HP
Air Delivery @ 40 PSI	2.76 SCFM	5.1 SCFM
Air Delivery @ 90 PSI	2.30 SCFM	4.1 SCFM
Tank Size	1 x 2.5 Gal.	2 x 2 Gal.
Motor amperage	11 Amp.	11 Amp.
RPM	3,400	1,720
Voltage	110V, 1 phase, 60 Hz	110V, 1 phase, 60 Hz
Dimensions L x W x H	20" x 10" x 18 1/2"	15 3/4" x 16 1/2" x 20 1/4"

Sander Accessories

BELTS - 1" x 30"
Part No. SB-130-K-60, 3 pk, 60 grit.
Part No. SB-130-K-80, 3 pk, 80 grit.
Part No. SB-130-K-100, 3 pk, 100 grit.
Part No. SB-130-K-120, 3 pk, 120 grit.

BELTS - 4" x 36"
Part No. SB-436-K-60, 2 pk, 60 grit.
Part No. SB-436-K-80, 2 pk, 80 grit.
Part No. SB-436-K-100, 2 pk, 100 grit.
Part No. SB-436-K-120, 2 pk, 120 grit.

DISC - 5"
Part No. SD-5K-60, 3 pk, 60 grit.
Part No. SD-5K-80, 3 pk, 80 grit.
Part No. SD-5K-100, 3 pk, 100 grit.
Part No. SD-5K-120, 3 pk, 120 grit.

DISCS - 6"
Part No. SD-6K-60, 3 pk, 60 grit.
Part No. SD-6K-80, 3 pk, 80 grit.
Part No. SD-6K-100, 3 pk, 100 grit.
Part No. SD-6K-120, 3 pk, 120 grit.

Drilling Accessories

DRILL CHUCKS WITH KEY
Part No. KDC-12, 1/2" chuck size.
Part No. KDC-58, 5/8" chuck size.
Part No. KDC-34, 3/4" chuck size.

CHUCK KEYS
Part No. KM-003, Fits KDC-12.
Part No. KM-004, Fits KDC-58.
Part No. KM-005, Fits KDC-34.

Bandsaw Accessories

BANDSAW BLADES

Application	Part No.	Length	Width	TPI	Thickness
General purpose - Flexible metal cutting blades	KBB-115-10	64½"	1/2"	10	.020"
	KBB-115-14	64½"	1/2"	14	.020"
	KBB-115-18	64½"	1/2"	18	.020"
	KBB-115-24	64½"	1/2"	24	.020"
	KBB-712-10	93"	3/4"	10	.032"
	KBB-712-14	93"	3/4"	14	.032"
	KBB-712-18	93"	3/4"	18	.032"
General purpose - Bi metal cutting blades	KBB-712-BM-610	93"	3/4"	6-10	.032"
	KBB-712-BM-1014	93"	3/4"	10-14	.032"
General purpose - Cutting of different woods, plastics or non-ferrous metal	KBB-1436-10	93"	3/16"	10	0.025"
	KBB-1438-6	93"	3/8"	6	0.025"
	KBB-1412-6	93"	1/2"	6	0.025"
	KBB-1412-8	93"	1/2"	8	0.025"

GDL

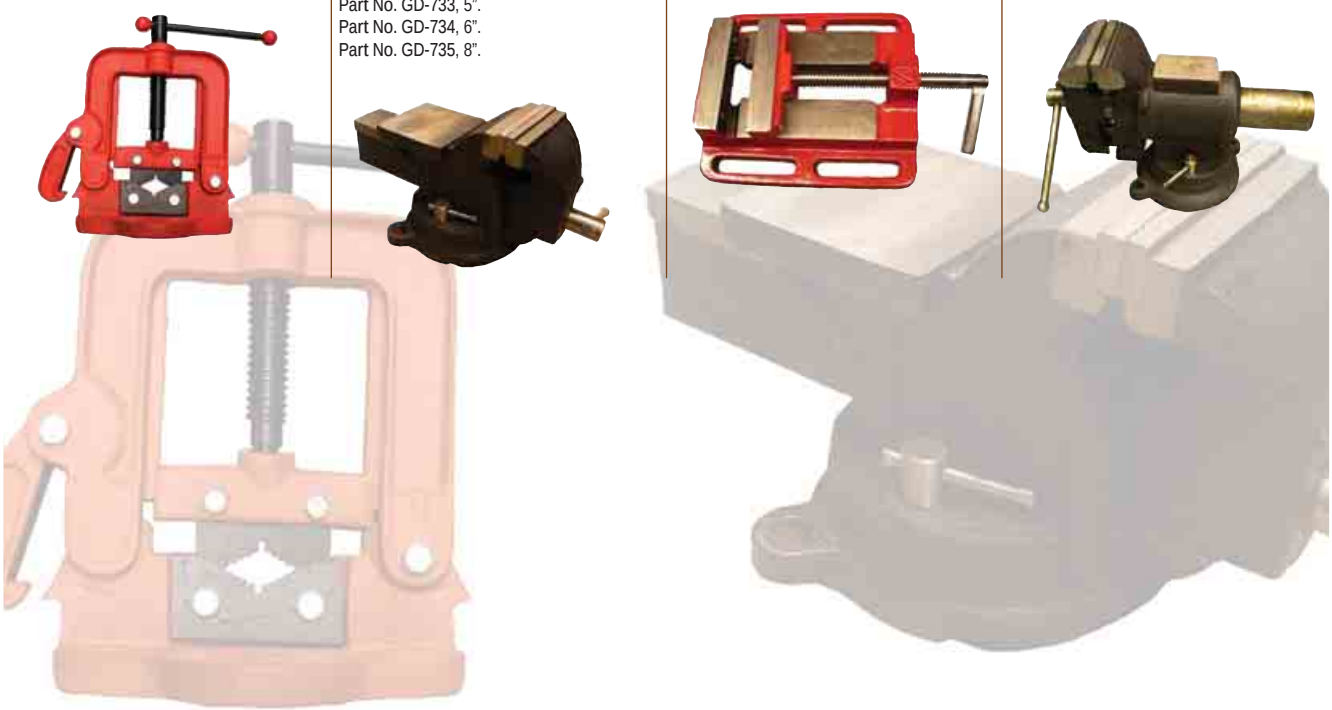
Vises

HEAVY DUTY PIPE VISE
#3, 5/8" - 4½"
Part No. GD-730.

BENCH VISE WITH ANVIL & SWIVEL BASE
Part No. GD-731, 3".
Part No. GD-732, 4".
Part No. GD-733, 5".
Part No. GD-734, 6".
Part No. GD-735, 8".

DRILL PRESS VISE
Part No. GD-736, 4".
Part No. GD-737, 6".

HEAVY DUTY MULTI-PURPOSE VISE
Part No. GD-738, 5".
Part No. GD-739, 6".



Vises

FIXED BASE MECHANICS' VISES

•MATERIAL - Made using the highest quality castings, free of impurities, which cause breakage and cracking under load •SUPERIOR QUALITY - Heavy duty castings provide superior reliability and excellent service life •MAXIMUM HOLD - Replaceable serrated jaws made of hardened steel provide a secure and reliable hold •PRECISION NUT & SCREW - Optimum materials and precision placement of nut and screw provide maximum tool life and clamping strength •OPTIONAL SWIVEL BASE - 360° rotating base with double lockdowns and 3 mounting points ensure maximum maneuverability without compromising stability and safety

PART NO.	VISE NO.	Jaw Width	Jaw Opening	Jaw Depth	Net Weight
VS3B	3	4"	4¾"	2¾"	33 lbs.
VS4B	4	4½"	5½"	3"	43 lbs.
VS5B	5	5"	6½"	3¼"	50 lbs.
VS6B	6	6"	8"	3-9/16"	70 lbs.
VS8B	8	8"	9"	4"	85 lbs.

Forged Vises

The primary difference between forged vises and standard cast vises is their ability to withstand continuous heavy load day after day hour after hour.

FIXED BASE FORGED VISES

•MATERIAL - Forged CF45 steel construction for truly heavy duty applications. 92,000+ PSI strength! •MAXIMUM HOLD - Heavy duty serrated jaws hardened to 52-58 HRC offer a secure reliable hold. Permanent large capacity pipe jaws for holding tubes/pipes. Large anvil ideal for hammering and shaping materials. Additional tightening of vise via hex bolts on the side of the vise body offers increased clamping power and security •PRECISION NUT & SCREW - Precision nut and screw for powerful and secure clamping. Removable rings allow for quick and easy handle replacement •OPTIONAL SWIVEL BASE - 360° rotating base with double lockdowns and 3 mounting points ensure maximum maneuverability without compromising stability and safety

PART NO.	Jaw Width	Jaw Opening	Jaw Depth	Net Weight
VS150	6"	7"	3"	55 lbs.
VS200	8"	8"	4"	60 lbs.

GRAY TOOLS
"the tools of the trade"®

Vise Accessories

PAIR OF REPLACEMENT JAW PLATES

Part No. 04-00376-01, No. 3.
Part No. 04-00383-01, No. 4.
Part No. 04-00391-01, No. 5.
Part No. 04-00397-01, No. 6.
Part No. 04-00467-01, No. 8.

PAIR OF FIBRE GRIP JAWS

Part No. VS3-FGJAW, VS3-4".
Part No. VS4-FGJAW, VS4-4.5".
Part No. VS5-FGJAW, VS5-5".
Part No. VS6-FGJAW, VS6-6".
Part No. VS8-FGJAW, VS8-8".

MAIN SCREW & HANDLE

Part No. 03-00040-03, No. 3.
Part No. 03-00154-00, No. 4.
Part No. 03-00151-02, No. 5.
Part No. 03-00152-01, No. 6.
Part No. 03-00153-01, No. 8.

NUTS

Part No. 04-00377-00, No. 3.
Part No. 04-00340-00, No. 4.
Part No. 04-00341-00, No. 5.
Part No. 04-00342-00, No. 6.
Part No. 04-00343-00, No. 8.

PINS

Part No. 05-10860-00, Pin 3 X 35 - No. 3 & 4.
Part No. 05-10861-00, Pin 3 X 40 - No. 5 & 6 & 8.

RETAINING PINS

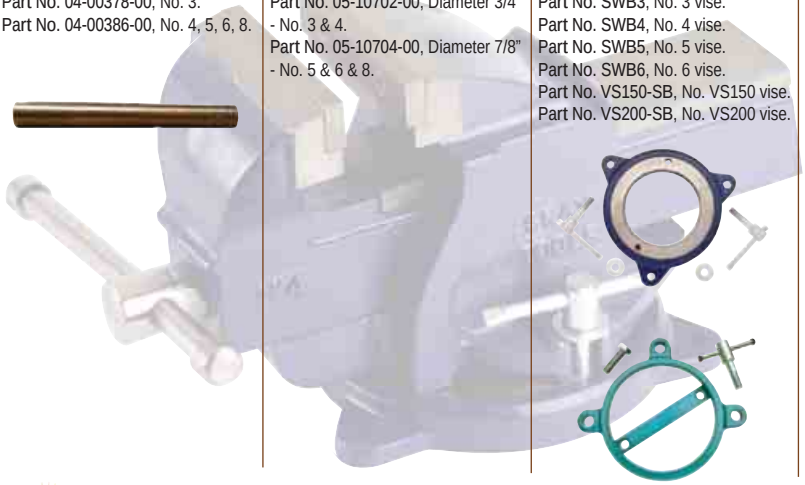
Part No. 04-00378-00, No. 3.
Part No. 04-00386-00, No. 4, 5, 6, 8.

SPRINGS

Part No. 05-10702-00, Diameter 3/4" - No. 3 & 4.
Part No. 05-10704-00, Diameter 7/8" - No. 5 & 6 & 8.

SWIVEL BASES

Part No. SWB3, No. 3 vise.
Part No. SWB4, No. 4 vise.
Part No. SWB5, No. 5 vise.
Part No. SWB6, No. 6 vise.
Part No. VS150-SB, No. VS150 vise.
Part No. VS200-SB, No. VS200 vise.



TOOL LESS SWIVEL BASE BOLT

Part No. 05-14732-02, No. 4 & 5.
Part No. 05-14732-03, No. 6 & 8.
Part No. 05-14732-01, No. 3.

WASHER

Part No. 05-10371-00, Diameter 3/4" - No. 3 & 4.
Part No. 05-10373-00, Diameter 7/8" - No. 5 & 6 & 8.

Portable heaters provide clean, efficient heat for all types of garage, warehouse and outdoor applications where a permanent heat source is unavailable or has been temporarily interrupted.

HOW DOES KEROSENE FORCED-AIR HEAT WORK?

Kerosene heaters are used in outdoor applications (brick and block laying, building construction) to keep workers comfortable and to prevent newly-applied concrete from freezing. Since their fuel source is self-contained, they're truly portable—wheels and handles are included. Kerosene heaters aren't affected by fluctuations in temperature. They provide instant, safe, portable heating at temperatures as low as minus 20º F. The fuel system. An air pump forces compressed air through a hose and a burner nozzle, creating a vacuum and causing fuel to rise from the tank. The air and fuel mix to create a fine mist that's sprayed into the combustion chamber. The ignition/control system. The ignitor mechanism provides a spark that ignites the air-fuel mist inside the combustion chamber. The safety control system automatically shuts down the unit in the event of loss of flame or lack of fuel. The air system. An electric motor turns a fan that pushes air into and around the combustion chamber,heating it and propelling it out the barrel and into the surrounding environment.

HOW DOES PROPANE FORCED-AIR HEAT WORK?

Propane forced-air units are clean-burning and odor-free, ideal for indoor projects such as drywalling, painting, finish work, flooring, concrete curing, cabinetry, and many other do-it-yourself projects. They can either be easily refilled or conveniently connected to a central fuel source. The fuel system. The hose and regulator assembly attaches to the propane (LPG) supply and provides fuel to the heater at the proper pressure. The ignition/control system. The ignitor mechanism provides a spark that ignites the air-fuel mist inside the combustion chamber. The safety control system automatically shuts down the unit in the event of loss of flame or lack of fuel. The air system. An electric motor turns a fan that pushes air into and around the combustion chamber, heating it and propelling it out the barrel and into the surrounding environment.

HOW DOES PROPANE INFRARED HEAT WORK?

Reddy Heater infrared units "warm like the sun," heating people and objects before heating the air. They're also wind-resistant, making them an ideal source of heat for drafty and open areas where the heat can't be contained. The hose and regulator assembly attaches to the propane (LPG) supply and provides fuel to the heater at the proper pressure. Every ReddyHeater infrared unit features an automatic control valve shuts down the unit in the event of loss of flame or lack of fuel.

Portable Forced Air Heaters — Kerosene

FORCED AIR HEAT — 40,000 BTU

•Heats up to 900 sq. ft. •10 hour run time on full 3 gallon tank •Quickly heats 30 ft. x 30 ft. x 8 ft. area •HSI Smart Start technology •Thermostat can be purchased separately •170 CFM •31 lbs. shipping weight
Part No. RC40.

FORCED AIR HEAT — 55,000 BTU

•Heats up to 1200 sq. ft. •11 hour run time on full 5 gallon tank •Quickly heats 32 ft. x 40 ft. x 8 ft. area •HSI Smart Start technology •Built-in thermostat •180 CFM •34 lbs. shipping weight
Part No. RC55CT.

FORCED AIR HEAT — 70,000 BTU

•Heats up to 1600 sq. ft. •9.5 hour run time on full 5 gallon tank •Quickly heats 32 ft. x 50 ft. x 8 ft. area •HSI Smart Start technology •Built-in thermostat •360 CFM •36 lbs. shipping weight
Part No. RC70ET.

FORCED AIR HEAT — 115,000 BTU

•Heats up to 2700 sq. ft. •10.5 hour run time on full 9 gallon tank •Quickly heats 50 ft. x 54 ft. x 8 ft. area •HSI Smart Start technology •Built-in thermostat •490 CFM •54 lbs. shipping weight •With wheels for mobility
Part No. RC115DT.

FORCED AIR HEAT — 165,000 BTU

•Heats up to 3900 sq. ft. •11 hour run time on full 13.5 gallon tank •Quickly heats 50 ft. x 78 ft. x 8 ft. area •HSI Smart Start technology •Built-in thermostat •575 CFM •74 lbs. shipping weight •With wheels for mobility
Part No. RC165DT.

MASTER RUGGED HIGH PRESSURE SERIES FORCED AIR HEAT — 350,000 BTU

A popular heater on loading docks, warehouses, large assembly areas and construction sites. This rugged heater consistently delivers 350,000 BTU/hr., even in extremely cold temperatures. •Heats up to 8225 sq. ft. •11.7 hour run time on full 30 gallon tank •Quickly heats 66 ft. x 100 ft. x 10 ft. area •Built-in thermostat •1350 CFM •240 lbs. shipping weight •With wheels for mobility •Fuel gauge •Lighted on/off switch •NOT for diesel usage
Part No. BC350.

EXTERNAL THERMOSTAT

For use with units not equipped with thermostat. Helps maintain a constant temperature while minimizing fuel consumption.
Also used for old models: RC35, RC50, RC70, RC100, RC150.
Part No. HA1210.

EXCLUSIVE "HSI" SMART START TECHNOLOGY MEANS:
•Dependable cold weather start to -30°F with kerosene •No spark plug to clean, re-gap or replace •Virtually maintenance free •Quieter operation and cleaner burning •Eliminates electromagnetic interference that can interfere with sensitive electronics like computers/ monitors, televisions, 2-way radios, cell phones, etc.

HSI™ SMART START TECHNOLOGY

REDDY HEATERS

Portable Forced Air Heat Heaters — Propane

FORCED AIR HEAT — 55,000 BTU — 3 HEAT SETTINGS

•Heats up to 1265 sq. ft. •Heats 8.5 to 14 hours on a single 20 lb. propane tank •Matchless piezo ignition •275 CFM •Automatic fuel safety shut-off •Hose and regulator •13 lbs. shipping weight •Adjustable height

Part No. RLP55VA.

FORCED AIR HEAT — 125,000 BTU — 3 HEAT SETTINGS

•Heats up to 2400 sq. ft. •Heats 8.5 to 11 hours on a single 40 lb. propane tank •Electronic ignition •475 CFM •Automatic fuel safety shut-off •Hose and regulator •30 lbs. shipping weight •Rugged roll cage design •Top mounted controls •25% quieter than past models

Part No. TB101.

MASTER FORCED AIR HEAT — 170,000 BTU — ADJUSTABLE HEAT OUTPUT

•Heats up to 4000 sq. ft. •Electronic ignition •Adjustable heat output •Hose and regulator •25% quieter than past models •Top mounted controls

Part No. TB108.

MASTER FORCED AIR HEAT — 375,000 BTU — ADJUSTABLE HEAT OUTPUT w/ THERMOSTAT

•Heats up to 8800 sq. ft. •Heats approximately 11 to 19 hours on (2) 100 lb. tanks •Thermostat maintains constant temperature •Electronic ignition •Adjustable heat output •Hose and regulator •48 lbs. shipping weight

Part No. BLP375AT.

"Heat Demon" Portable Infra-Red Tank-Top Heaters

SINGLE BURNER TANK TOP INFRA-RED HEATER — 12,000 BTU

•Perfect for outdoor projects, remodelling, auto repairs, and more •Takes the chill out of camping, fishing, and hunting •Great for emergencies such as thawing pipes, changing a tire •Clean-burning, warm radiant heat for just pennies an hour •Three heat settings: 8000; 10,000; 12,000 BTU •Heats for hours on economical propane fuel and can be used on a 5, 10, or 20 lb. tank (not included) •Run time on highest setting is 9 hours on a 5 lb. tank, 18 hours on a 10 lb. tank, and 36 hours on a 20 lb. tank •No electricity required •Completely assembled — hooks up in a minute and heats up in seconds •Weighs just 2¼ lbs. •Match ignition

Part No. TC110.

DUAL BURNER TANK TOP INFRA-RED HEATER — 24,000 BTU

•Durable wire front and rear guard •Matchless piezo ignition •Automatic safety control valve shuts off gas flow if flame goes out •Standard fuel gas connector fits threaded refillable propane cylinders •Hooks up in minutes and heats up in seconds •Complete with tank stabilizer •Operates on 20 lb., 30 lb., 40 lb., 100 lb. threaded refillable propane cylinders (not included) •Bright plated steel reflector radiates heat to keep you warm •Run time on dual burner setting is (with 20 lb. cylinder) 27 hours for low setting; 22 hours for medium setting; 18 hours for high setting •Heads swivel 180° •6 settings •Single burner or dual burner use •Hose and regulator included •Rear guard •Weighs only 7 lbs.

Part No. TC111.

RADIANT PROPANE HEATERS

"Mr. Heater" Heaters

HEATER — VARIABLE OUTPUT 8000 - 14,000 BTU/hr.
High/medium/low regulator, safety shut-off and Soft Nose P.O.L. For direct connection to 4 - 20 lb. bulk cylinder. High fire time: 30 hours (20 lb. cylinder).
Part No. MH12T.

DOUBLE HEATER — OUTPUT 26,000 BTU/hr.
Safety shut-off, high-medium-low regulator and Soft Nose P.O.L. - run one burner or two! For direct connection to 20 lb. bulk cylinder. Includes Mr. Heater's tank stabilizer. High fire time: 16 hours (2 burner operation).
Part No. MH26TC.

"HOT STUFF" HEATER — OUTPUT 35,000 BTU/hr.
Recommended for use with 20 lb. cylinders. 35,000 BTU/hr. Rectangular design, 12"W x 27"H x 8"D.
Part No. MH35LP.

"HOT STUFF" HEATER — OUTPUT 125,000 BTU/hr.
Recommended for use with 60 lb. or larger cylinders. 125,000 BTU/hr. Square design heats in all directions at once. 15¾"W x 29½"H x 15¾"D.
Part No. MH125LP.

"HOT STUFF" CEILING MOUNT HEATER — OUTPUT 40,000 BTU/hr.
40,000 BTU/hr. 30½"L x 17"W x 11¼"H. Heats up to 750 sq. ft. Complete with thermostat control, no electricity needed.
Part No. MH40LP.

Also available as a natural gas burning unit with the same specifications as above.
Part No. MH40NG.

CONVECTION HEATER — OUTPUT 75,000 - 200,000 BTU/hr.
Heats approximately 4700 sq. ft. Runs up to 29 hours on 100 lb. tank (min. req.). Piezo push button ignitor; standing pilot for increased safety. Two-stage chamber for reduced ship cube/retail space. "Insta-lock" chamber for easy assembly (no tools). 10 ft. hose and regulator included. Typical uses: •Patios •Factories •Sports events •Garden parties •Utility/Farm buildings •Barns •Emergency heat •Construction site •Animal comfort
Part No. MH200CV.

Like energy from the sun, infra-red rays do not wastefully warm the air... they convert to heat only upon contact with people and objects. Use your radiant propane heater for: •Garages/workshops •Barns/storage sheds •Animal pens/stalls •Loading docks •Construction sites •Doorways/ramps for snow prevention •Recreation, poolside areas

*Note: Propane cylinders are not included.

NORSEMAN PRODUCTS

Heater Ducts

Direct the heat where it's needed. Heater Ducts are available partially or fully lined with asbestos free glass cloth. They feature flexible blue tempered steel interlocking end bands. Ducts are made with tough, fire retardant treated canvas.
Part No. 401368, 12" diameter by 12 ft. long heater duct, fully lined
Part No. 403257, 12" diameter by 12 ft. long heater duct, partially lined
Part No. 387103, 12" diameter by 25 ft. long heater duct, partially lined

NEW!

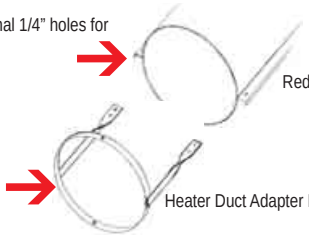
HI-TEMP HEATER DUCTS
Teflon coated fabric with a fibreglass base fabric. Temperature resistance and continuous use to 288°C. Grey colour with PTFE coating.
Advantages: •Excellent chemical resistance •Excellent temperature exposure capabilities •Flame retardant
Part No. 405487, 12" diameter by 12 ft. long high temperature heater duct

WARNING: Heater ducts should not be directly mounted to your Reddy Heaters (see Star Fabrication sold below)

STAR FABRICATION

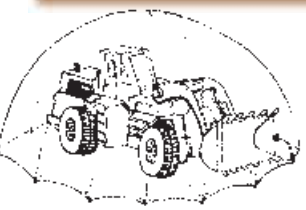
Heater Duct Bracket

Remove existing bolts and drill 2 additional 1/4" holes for mounting on Reddy Heater



Flex duct adapter bracket for attaching 12" flexible duct on Reddy Heaters
Part No. 3200.

USED PARACHUTES



Durable ripstop nylon (used) parachutes can be utilized as a "portable garage" which is great for field repairs. They block the wind and cut down on damage due to cold starts. They are compact when stored, yet are easily set up by one person. Other uses: •grain or hay cover •tarpaulin •cover freshly poured concrete •use as a tent for gatherings

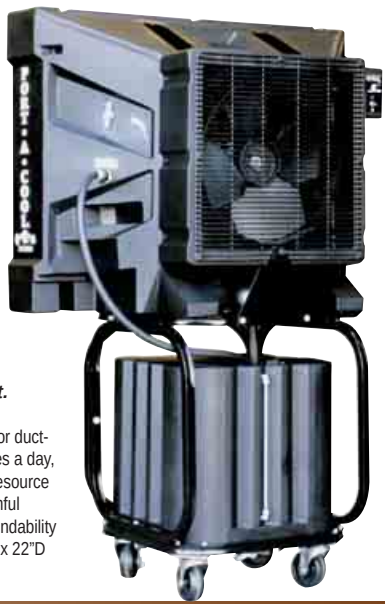
Part No. PARA-24, 24 ft. diameter used parachute.
Part No. PARA-35, 35 ft. diameter used parachute.
Part No. PARA-64, 64 ft. diameter used parachute.
Part No. PARA-100, 100 ft. diameter used parachute.

PORT•A•COOL®

Portable Evaporative Cooling Units

•PORT-A-COOL UNITS ARE: •Environmentally Friendly (produce no fluorocarbons) •Energy Efficient •Good for Indoor Air Quality (impurities are filtered out) •Easily Integrated •Available in a Variety of Sizes •Inexpensive to Operate •COOL! (units can lower the surrounding air temperature an average of 20°F and actually generate cooled air)
•BENEFITS: •Increases worker productivity by making the environment more comfortable •Aids in the enjoyment of meetings or events where air conditioning is unavailable or ineffective •A temporary, portable back-up when the standard cooling system is inoperable •Cools machinery or product that may be damaged or ruined if allowed to overheat
•APPLICATIONS: •Automotive •Industrial •Refineries •Kennels •Stables •Construction Sites •Country Clubs •Swimming Pools •Amusement Parks •Schools •Aircraft Facilities •Greenhouses •Dry Cleaning/Laundry •Restaurants •Agriculture •etc.

16", ½ HP, DIRECT DRIVE HEAVY DUTY — Cools 900 sq. ft.
3 speed unit; 2500/3280/3900 CFM. 3 gallon water reservoir. Cooling capacity = 900 sq. ft.
•Heavy duty ½ HP motor •Durable one-piece molded plastic polyethylene housing •¾" garden hose connection supplies water •Flexible capabilities for ducting •Unit and water supply are both portable •Operate for pennies a day, a fraction of the cost of standard air conditioning •Environmentally friendly with efficient/effective resource use •Cooling is accomplished naturally through the process of evaporation without the use of harmful refrigerants •Energy efficient motor and pump (total running current is 4.32 amps) •Long term dependability plus almost maintenance-free operation •30.5"H x 37.5"W x 22"D
Part No. 2K163SHD.



port•a•cool
portable evaporative cooling units

16", ½ HP, DIRECT DRIVE HEAVY DUTY w/ FILLER CART — Cools 900 sq. ft.
3 speed unit; 2500/3280/3900 CFM. 22 gallon water reservoir. Cooling capacity = 900 sq. ft.
•22 gallon water tank is also sturdy, leak-resistant one-piece molded plastic •Flexible capabilities for ducting •Shipped completely assembled and ready to operate, right out of the box •Operate for pennies a day, a fraction of the cost of standard air conditioning •Environmentally friendly with efficient/effective resource use •Cooling is accomplished naturally through the process of evaporation without the use of harmful refrigerants •Energy efficient motor and pump (total running current is 5.1 amps) •Long term dependability plus almost maintenance-free operation •Unit and water supply are both portable •59"H x 37.5"W x 22"D
Part No. 2K163SFC.

Portable Evaporative Cooling Units

24", 1/3 HP, VARIABLE SPEED HIGH PERFORMANCE — Cools 1800 sq. ft.
Variable speed; 6700 CFM. 14 gallon water reservoir. Cooling capacity = 1800 sq. ft.
•Durable one-piece molded plastic polyethylene housing •¾" garden hose connection supplies water •1/3 HP Küül variable speed motor offers three year warranty •Quieter operation and wider cooling areas •Operate for pennies a day, a fraction of the cost of standard air conditioning •Environmentally friendly with efficient/effective resource use •Cooling is accomplished naturally through the process of evaporation without the use of harmful refrigerants •Energy efficient motor and pump (total running current is 9.5 amps) •Long term dependability plus almost maintenance-free operation •Unit and water supply are both portable •53"H x 50"W x 25"D
Part No. 2K24HPVS.

36", ½ HP, VARIABLE SPEED HIGH PERFORMANCE — Cools 2650 sq. ft.
Variable speed; 10,100 CFM. 20 gallon water reservoir. Cooling capacity = 2650 sq. ft.
•Durable one-piece molded plastic polyethylene housing •¾" garden hose connection supplies water •½ HP Küül variable speed motor offers three year warranty •Quieter operation and wider cooling areas •Operate for pennies a day, a fraction of the cost of standard air conditioning •Environmentally friendly with efficient/effective resource use •Cooling is accomplished naturally through the process of evaporation without the use of harmful refrigerants •Energy efficient motor and pump (total running current is 11.3 amps) •Long term dependability plus almost maintenance-free operation •Unit and water supply are both portable •67"H x 62"W x 32"D
Part No. 2K36HPVS.

48", 1 HP, TWO SPEED HIGH PERFORMANCE — Cools 3500 sq. ft.
Two speed; 11,000/17,000 CFM. 25 gallon water reservoir. Cooling capacity = 3500 sq. ft.
•Durable one-piece molded plastic polyethylene housing •¾" garden hose connection supplies water •Heavy duty 1 HP, two speed motor •Unit and water supply are both portable •Pneumatic tires offer increased stability and mobility •Operate for pennies a day, a fraction of the cost of standard air conditioning •Environmentally friendly with efficient/effective resource use •Cooling is accomplished naturally through the process of evaporation without the use of harmful refrigerants •Energy efficient motor and pump (total running current is 13.7 amps) •Long term dependability plus almost maintenance-free operation •86"H x 74"W x 36"D
Part No. 2K482S.

Accessories

PORT-A-FILLER 50 GALLON TANK
Designed to work with 24" and 36" Port-A-Cool units to extend cooling time as much as three times without refilling or accessing an existing water source. Frame is constructed of aluminum and firmly secured on four rolling casters for durability and ease of mobility.
Part No. ACC-01.

PORT-A-COOL CART
Cart is designed for use with 16" Port-A-Cool units. Mounting plates are all metal for a solid, secure fit.
Part No. ACC-30.

VINYL COVERS
Vinyl covers protect your unit when they're not in use.
Part No. CRV-02, Cover for 16" units.
Part No. CRV-01, Cover for 24" and 36" units.
Part No. CRV-03, Cover for 48" units.

MINERAL KNOCKOUT
MK-47 Mineral Knockout helps keep minerals in solution by changing the ionic structure of the mineral particles. Therefore, minerals will less likely detach from the solution (water source) and form a build-up. Bottle contains 4 strips.
Part No. MK-47.

Replacement Parts

Part No. PAD6024/G, 16" replacement pad.
Part No. PAD6036/G, 24" replacement pad.
Part No. PAD6048/G, 36" replacement pad.
Part No. PAD6060/G, 48" replacement pad.

Part No. PUMP-0150-1, Pump for 16" unit.
Part No. PUMP-0140-1, Pump for 16" FC unit.
Part No. PUMP-016-4R, Pump for 24", 36", and 48" units.

Part No. FLOAT-02, Replacement float.

Part No. MOTOR-012-04, 16" replacement motor.
Part No. MOTOR-012-06, 24" replacement motor.
Part No. MOTOR-012-05, 36" replacement motor.
Part No. MOTOR-010-01, 48" replacement motor.

WEDCO
Drain Pans

WEDCOTAINER®
•Recycling drain pan specifically designed for oils or antifreeze •Made from rugged, recycled polyethylene •Fits under even the lowest cars •Easy clean, extra large funnel screws into the neck during use, snaps into side cavity for storage •Black
Part No. 83078, 6 litre - 21"L x 17½"W x 17"H.
Part No. 83150, 12 litre - 22"L x 15"W x 16¼"H.

WEDCOPAN®
•Utility drain pan specifically designed for oils or antifreeze •Made from rugged, recycled polyethylene •90° pouring spout, splash guards, and handles •Black for oil, green for antifreeze, prevents contamination •19¾"L x 19½"W x 15¾"H
Part No. 83230, 15 litre - black.
Part No. 83240, 15 litre - green.

wedco

SCEPTER
Drain Pans

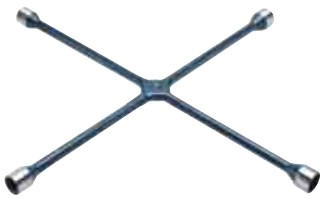
Scepter
SYMBOL OF QUALITY

15 litre Autobuddy® Industrial Drain Pan is perfect for all automotive uses including draining and washing motor parts •Black
Part No. DP184.

KEN-TOOL®
Truck Wheel Wrenches

4-WAY LUG WRENCHES, 18" WELDED CENTRE
SAE or metric.
Part No. 35662, Model #T62, SAE, ¾", 13/16", 7/8", 17 mm.
Part No. 35663, Model #T63, Metric, 17 mm, 19 mm, 21 mm, 22 mm.

DELUXE PROFESSIONAL 4-WAY LUG WRENCHES
SAE or metric.
Part No. 35657, Model #T57, 23" SAE, ¾" 13/16", 7/8", 15/16".
Part No. 35656, Model #T56, 20" metric, 17 mm, 19 mm, 21 mm, 22 mm.



LIGHT TRUCK 4-WAY LUG WRENCHES
Part No. 35690, Model #T90, 25" SAE, 7/8", 15/16", 1", 1-1/16".

HEAVY DUTY TRUCK 4-WAY LUG WRENCHES, 27½"
Part No. 35695, Model #T95, SAE, 1-1/16", 1¼", 1½", 13/16" sq.
Part No. 35697, Model #T95A, SAE, 1¼", 1½", 13/16" sq., ¾" dr. service end.
Part No. 35795, Model #TM95, Metric, 24 mm, 27 mm, 30 mm, 33 mm.

DOUBLE END TRUCK WRENCHES, 16" — SAE
Required truck wrench handle #TR5.
Part No. 32501, Model #TR1, 1-1/8" hex with 13/16" square x 1½" hex.
Part No. 32502, Model #TR2, 1" hex with 5/8" square x 1¼" hex.
Part No. 32503, Model #TR3, 7/8" hex x 1-1/16" hex.
Part No. 32505, Model #TR3A, 1-1/16" hex x 1-1/8" hex.
Part No. 32506, Model #TR3X, 1-1/16" hex x 1-3/16" hex.
Part No. 32509, Model #TR9, 1¼" hex x 1-1/16" hex.
Part No. 32508, Model #TR98, 1½" hex x 13/16" square.

DOUBLE END HEAVY DUTY TRUCK WRENCHES, 29½"
SAE. Required truck wrench handle #TR11.
Part No. 34401, Model #TR10, Budd 1¾" hex and 15/16" square.

DOUBLE END TRUCK WRENCHES, 16" — METRIC
Required truck wrench handle #TR5.
Part No. 32551, Model #TRM1, 17 mm square x 35 mm.
Part No. 32552, Model #TRM2, 24 mm x 33 mm.
Part No. 32553, Model #TRM3, 27 mm x 30 mm.

TRUCK WRENCH HANDLES
Part No. 32318, Model #TR5, ¾" hex x 22" long truck wrench handle for all double end truck wrenches, except #34401.

Part No. 34402, Model #TR11, 1¼" diameter x 30" long truck wrench handle for double end truck wrench, #34401 only.

Ken-Tool®
WHEREVER TIRES ARE CHANGED™

Truck Wheel Wrenches

BUDD NUT WRENCHES
Part No. 30609, Model #TX9, 1½" (38 mm).
Part No. 30612, Model #TX12, 41 mm metric.

POWER WRENCH — STANDARD SHOCK WRENCH SET
Standard Shock Wrench Set - designed to loosen or tighten the most stubborn lug nuts. One end designed to take any 3/4" drive impact socket, other end has 13/16" square socket. This set comes complete with: handle, shaft, Budd nut wrench, six impact sockets, (7/8", 15/16", 1-1/16", 1-1/8", 1-3/16", 1½"), all packed in a metal box.
Part No. 34441, Model #TR41.

POWER WRENCH — BUDD WHEEL SET
Budd Wheel Power Wrench Set. This power wrench provides a mechanical advantage to remove any nut. Having a 3:1 gear ratio, this set is ideal for on the road, at the farm, or on any recreational vehicle. This set comes complete with: power drive, 20½" bar handle, tube handle, a ¾" drive service adapter, and 13/16" square adapter.
Part No. 34545, Model #TR44X.

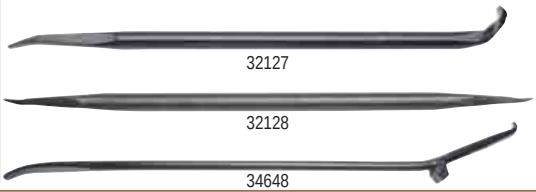
Ken-Tool®
WHEREVER TIRES ARE CHANGED™

Tire Mounting & Demounting Tools

TRUCK LOCK RING REMOVER
Part No. 32123, Model #T23, 24".
Part No. 33223, Model #T23A, 30".

RIM/RING TOOLS
Part No. 33224, Model #T23B, 23½" combination rim/ring tool.
Part No. 32125, Model #T25, 18" 5 degree rim lock tool.

LOCK RING TOOLS
Part No. 32127, Model #T27, 18" special lock ring tool.
Part No. 32128, Model #T27A, 18" lock ring tool.
Part No. 34648, Model #T48A, 37" heavy duty lock ring tool.



Tubeless Tire Irons

HEAVY DUTY STRAIGHT MOUNT/ DEMOUNT TOOL
Part No. 34847, Model #T47A, 52".
Part No. 34848, Model #T47B, 49½".

HEAVY DUTY OFFSET MOUNT "C" BAR
Part No. 34849, Model #T47C, 27".

STRAIGHT MOUNT/DEMOUNT IRONS
Part No. 34644, Model #T45A-2000K, 38".
Part No. 34747, Model #T46A, 36" standard duty.
Part No. 34645, Model #T45A, 37" standard duty.
Part No. 34647, Model #T45HD, 41" heavy duty.

SMALL TIRE TOOL
16½" small passenger, industrial, ATV, and motorcycle tire mount/demount tire tool.
Part No. 32106, Model #T6A.

Tire Spoons

STRAIGHT TIRE SPOONS
Part No. 32119, Model #T19, 24".
Part No. 33219, Model #T19A, 30".

CURVED TIRE SPOONS
Part No. 32120, Model #T20, 24".
Part No. 33239, Model #T39, 30".

DROP CENTRE TIRE SPOONS
Part No. 32121, Model #T21R, 18".

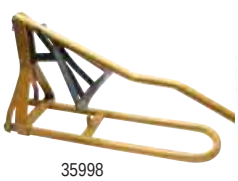
Bead Breaking Tools

PORTABLE BEAD BREAKER
Portable passenger tire bead breaker with 36" handle.
Part No. 34670, Model #T100.

FLOOR TYPE BEAD BREAKERS
Part No. 35999, Model #T99B, Standard model for up to 8" tires.
Part No. 35998, Model #T98, Deluxe model for up to 11" tires.

35999

35999 — in use


35998

35998 — in use

Ken-Tool

Bead Breaking Tools

SWAN NECK BEAD BREAKING TOOL
Part No. 33341, Model #T41, 30".

FORCING TOOL
30" forcing tool for 5 degree rims.
Part No. 33342, Model #T42.

MISCELLANEOUS BEAD BREAKING TOOLS
Part No. 34652, Model #T52, 33" bead breaker — leverage bar.
Part No. 32126, Model #T26A, 11¾" bead breaker driving iron.
Part No. 35924, Model #T24B, 46" slide bar impact bead breaker.
Part No. 35926, Model #T26B, 50" heavy duty slide bar impact bead breaker.

Bead Seaters, Expanders, & Keepers

TRUCK TIRE BEAD SEATERS
Part No. 31437, Fits 16½" - 17½" rims.
Part No. 31438, Fits 19½" rims.
Part No. 31439, Fits 22½" - 24½" rims.

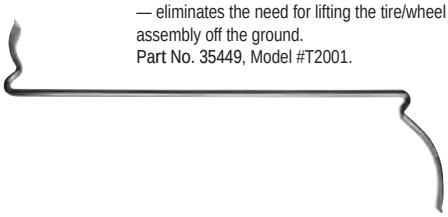
PNEUMATIC BEAD EXPANDERS
Part No. 31432, Model #T132, 2¼" tube diameter, for bias ply and belted passenger tires.
Part No. 31433, Model #T133, ¾" tube diameter, for bias ply and standard passenger tires.

BEAD KEEPERS
Holds the tire in place against the wheel when mounting the tire onto the wheel. Brass.
Part No. 31710.

Serpent™ Tire Changing System

Ken-Tool
WHEREVER TIRES ARE CHANGED™

39" DEMOUNT TOOL
Demounts both beads on most truck tires — eliminates the need for lifting the tire/wheel assembly off the ground.
Part No. 35449, Model #T2001.



38" MOUNT TOOL
Removes itself easily from rim and bead — small end gets under the stretched bead for that last pull. Works on a super single.
Part No. 35450, Model #T2002.

Hammers & Handles

2 LB. GENERAL PURPOSE RUBBER MALLET
Complete with 17" wood handle.
Part No. 35310, Model #T32.

2 LB. GENERAL PURPOSE TIRE HAMMER
With steel and rubber head and 16" fibreglass handle.
Part No. 35417, Model #TG33R.

HEAVY DUTY TIRE HAMMER — DOUBLE RUBBER FACED
5½ lb. double rubber faced, with 18" fibreglass handle.
Part No. 35421, Model #TG34.

HEAVY DUTY TIRE HAMMERS — STEEL/RUBBER HEAD
With 18" fibreglass handle, one steel head and one rubber head.
Part No. 35423, Model #TG35, 4¾ lb.
Part No. 35425, Model #TG36, 5¾ lb.

DEAD BLOW HAMMERS
Part No. 35332, Model #TG332, 2 lb. c/w 13½" fibreglass handle.
Part No. 35333, Model #TG333, 3 lb. c/w 14½" fibreglass handle.
Part No. 35334, Model #TG334, 4 lb. c/w 15½" fibreglass handle.

BEAD BREAKING HAMMERS
8½ lb. bead breaking hammer c/w 32" fibreglass handle.
Part No. 35429, Model #TG11E.

REPLACEMENT HANDLES & ACCESSORIES
Part No. 35219, Model #TG11CH, Replacement 18" fibreglass handle for #35421, 35423, and 35425 hammers.
Part No. 35229, Model #TG11EH, Replacement 32" fibreglass handle for #35429 hammer.
Part No. 35529, Model #T11AH, Replacement severe duty 32" aluminum handle with brass adapter and rubber grip for #35429 hammer.
Part No. 35104, Model #T11RH, Replacement rubber head for #35417 hammers.
Part No. 35105, Model #T34RH, Replacement rubber head for #35421, 35423, and 35425 hammers.
Part No. 35201, Model #T12B, Epoxy repair kit for #35417 hammers.
Part No. 35202, Model #T12D, Epoxy repair kit for #35421, 35423, 35425 hammers.

35529

Tire & Rim Service Tools

PASSENGER TIRE SPREADER
Use spreaders in pairs to hold bead apart when making section repairs. This passenger tire spreader locks both beads open for easy tire inspection and repair. Spreads tire up to 7½".
Part No. 31553, Model #T53.

TRUCK TIRE SPREADER
Use spreaders in pairs to hold bead apart when making section repairs. This ratchet action spreader spreads tires from 3½" up to 14" span.
Part No. 31554, Model #T54.

14" STANDARD WHEEL COVER PULLER/REPLACER
Comes with rubber head to prevent damage to hub caps.
Part No. 31568, Model #T68.

17½" PROFESSIONAL WHEEL COVER PULLER/REPLACER
Comes with rubber head to prevent damage to hub caps.
Part No. 31567, Model #T67.

DUAL WHEEL LUG STUD REMOVER
Special self-tapping splines provide maximum grip to remove stripped dual wheel studs. Use with #32501 and 32508 wrenches.
Part No. 30165.

OFF-ROAD BUDD IMPACT SOCKETS
13/16" square.
Part No. 30120, ¾" drive.
Part No. 30149, 1" drive.

COMBINATION BUDD WHEEL
1½" x 13/16" square.
Part No. 30121, ¾" drive.
Part No. 30150, 1" drive.

BEAD-EZE® TIRE MOUNTING LUBRICANT
1 gallon jug.
Part No. 35847, Model #T147A.

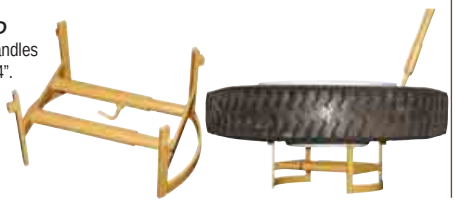
APPLICATOR BRUSH
10" bead lubricant applicator brush.
Part No. 30511, Model #B111.

General Purpose Tools & Service Equipment

ROLL HEAD PRY BARS
Part No. 34216, Model #P216, 16".

FRONT END ALIGNMENT/SUSPENSION TOOLS
Part No. 32036, Model #B36, 11" separator tool, fork opening 1-7/16".
Part No. 32037, Model #B37, 11" Pitman arm wedge, fork opening 1-1/8".
Part No. 32039, Model #B39, 16" shock link and tie rod spreader, fork opening 5/8".
Part No. 32040, Model #B40, 16" ball joint separator, fork opening 15/16".

TIRE CHANGING STAND
Truck tire changing stand — handles wheels or open rims 16½" to 24".
Part No. 36015, Model #T115.



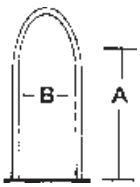
STRUT COMPRESSORS
MacPherson strut coil spring compressor set — works on almost all MacPherson strut assemblies.
Part No. 39730.

Safety Equipment

TIRE INFLATION SAFETY CAGES

PART NO.	MODEL #	DESCRIPTION	HEIGHT A	WIDTH B	BASE
36001	T101	Portable 2 bar safety cage	41"	16"	6 x 21-1/2"
36006	T106	3 bar safety cage	43-1/2"	20-1/2"	26 x 22"
36004	T104	3 bar safety cage for off-the-road tires	65"	24"	30 x 27"
36002*	T102	4 bar safety cage	43-1/2"	20-1/2"	31-1/2" x 26"
36005*	T105	5 bar safety cage	43-1/2"	20-1/2"	41 x 26"

*Will service super single tires



36001

36002

36004

36005

36006

DOCAP
4-Way Wheel Wrenches

Part No. 643-307, Car owner model, overall length 14-3/4" - socket sizes; 3/4", 3/4", 13/16", 7/8".
Part No. 643-310, General purpose model, overall length 17-1/2" - socket sizes; 3/4", 3/4", 13/16", 7/8".
Part No. 643-320, Long reach model, overall length 20" - socket sizes; 3/4", 3/4", 13/16", 7/8".
Part No. 643-321, Pick-up truck model, overall length 21-3/4" - socket sizes; 3/4", 13/16", 7/8", 15/16".

BONAR
UniCUBE® Bulk Container

1000 litre multi-trip bulk container. The best "drainability/emptyability" in the industry, and its durability ensures the security of your product. Polyethylene construction with 2" ball discharge valve, 6" fill opening, steel cage and pallet. These containers can be stored 3 high and can be stacked 2 high in ISO sea containers. 47.5"L x 39.5"W x 45.8"H.
Part No. UNICUBE, 1000 litre bulk container w/ steel cage and pallet.

LINCOLN
Lubricating Equipment

HEAVY DUTY LEVER GREASE GUN
•Three-way loading, 6" extension and hydraulic coupler
Part No. 1142, 16 oz. bulk/14.5 oz. cartridge lube capacity, 21¾" length.

Part No. 1151, 21 oz. bulk lube capacity, 24½" length.

HEAVY DUTY LEVER GREASE GUN
•Versatile, dual-pressure lever gun which features 360° swivel nozzle, high or low pressure volume delivery, rubber handle grip, 6" extension and hydraulic coupler, and three-way loading.
Part No. 1013, 16 oz. bulk/14.5 oz. cartridge lube capacity, 22-7/8" length.

Part No. 1145, 21 oz. bulk/14.5 oz. cartridge lube capacity, 25¼" length.

HEAVY DUTY LEVER GREASE GUN
•Precision high pressure/volume gun featuring 6" extension with heavy-duty coupler and three-way loading
Part No. 1035, 21 oz. bulk/14.5 oz. cartridge lube capacity, 27¼" length.

HEAVY DUTY PISTOL GRIP GREASE GUN
•Easy to use, pistol grip grease gun. Three-way loading, exclusive flip-over follower and rugged die cast head. 16 oz. bulk/14.5 oz. cartridge lube capacity.
Part No. 1133, 18" flexible hose and hydraulic coupler

Part No. 1132, 6" straight pipe and hydraulic coupler

SUPER HEAVY DUTY PISTOL GRIP GREASE GUN
•Delivers where other guns fail. The cast aluminum head and enclosed piston assembly work together to produce a grease gun that withstands the abuse of even the harshest environments. Includes 18" flexible hose with coupler and rigid 4" tube. Cartridge, suction, or bulk loading. Develops up to 7500 psi.
Part No. 1134.

AIR OPERATED GREASE GUN
•Pistol style, air operated grease gun with flex hose extension, hydraulic couplers. Works with 40 - 150 psi. Allows for handy 3-way loading. Continuously dispenses grease while trigger is engaged.
Part No. 1163.

"POWERLUBER" 12 VOLT CORDLESS RECHARGEABLE GREASE GUN
•Complete with 110 volt charger, 12 volt ni-cad rechargeable battery, 30" flex hose with spring guard.
Part No. 1240.
Part No. 1242, same as #1240, except includes custom carrying case.
Part No. 1244, same as #1242, except includes an extra 12 volt ni-cad rechargeable battery.
Part No. 1201, 12 volt rechargeable battery.
Part No. 1230, 30" flex hose.

FILLER NIPPLE
•Filler nipple enables hand operated grease gun to be loaded using filler pump method. Includes ball check 1/8" NPT male thread.
Part No. 91108.

LINCOLN

Lubricating Equipment

PROFESSIONAL TWO-SPEED 14.4 VOLT CORDLESS GREASE GUN

•Heavy duty 14.4 volt Powerluber gives you the power to lubricate just about anything, anytime, anywhere. •Two-speed switch for high pressure (7500 psi working pressure) or high volume delivery (10 oz. per minute) •Cycle indicator pin to monitor grease output •"Smart" charging system delivers reliable power •All the features you need, including comfortable grip and balanced design •FEATURES: •Multi-speed output selector •Stroke cycle indicator pin •Motor overload protection •Snap-lock, easy loading battery •Built-in hose and coupler holder •One hour "Smart" Charger

Part No. 1442, 14.4 Volt Powerluber - 1 Battery, Includes grease gun, charger, battery and carrying case.

Part No. 1444, 14.4 Volt Powerluber - 2 Batteries, Includes grease gun, charger, (2) batteries and carrying case.

Part No. 1410, 14.4 Volt "Smart" Charge - "Smart" Charger recharges batteries in less than one hour, and keeps them at full charge, ready when you need them.

Part No. 1401, 14.4 Volt Battery - have a second 14.4 volt battery charged and ready to go so you can keep working without delays.

HIGH PRESSURE CONTROL VALVE

Heavy duty. Includes 6" extension tube with a #245976 hydraulic coupler.

Part No. 740.

Repair parts kit.
Part No. 82157.

GEAR OIL SHUT-OFF VALVE

For use with fluid lubricant pumps. Includes shut-off valve with built-in swivel and non-drip nozzle extension.

Part No. 780.

VOLUME HIGH PRESSURE CONTROL VALVE

Less extension nozzle. 3/8" NPT female inlet, 1/8" NPT female outlet.

Part No. 81495.

Repair parts kit.
Part No. 82157.

HOLSTER CLAMP

Mounts on truck, tractor, workbench, or machine. Easily attached. Holds 2¼" diameter barrel guns tightly.

Part No. G160.

GREASE CARTRIDGES

Set of 4, 3 oz. replacement grease cartridges.

Part No. G801.

GREASE FITTINGS

PART NO. (BULK)	PART NO. (10 PACK)	DESCRIPTION
5000	5190	1/8" pipe thread straight
5003		1/8" pipe thread straight (long)
5505		1/8" pipe thread straight (female)
5010	5191	1/4" - 28 straight, short thread
5013		1/4" - 28 straight, long thread
5033		3/16" drive type straight fitting
5050		1/4" pipe thread straight
5200	5290	1/8" pipe thread with 45° angle
5210	5291	1/4" - 28 short thread with 45° angle
5300		1/8" pipe thread with 65° angle
5350		1/4" pipe thread 65° angle
5400	5490	1/8" pipe thread with 90° angle
5410	5491	1/4" - 28 short thread with 90° angle

ADAPTERS

PART NO.	DESCRIPTION
10522	Brass reducing coupling, 1/4" NPT female x 1/2"-27 female
11852	Steel reducing coupling, 1/8" NPT female x 1/2"-27 female
10200	Brass reducing bushing, 1/8" NPT female x 1/2"-27 male
10204	Brass reducing bushing, 1/4" NPT female x 1/2"-27 male
10202	Brass nipple, 1/2"-27 male x 1/2"-27 male
12957	Steel nipple, 1/2" NPT male x 1/2"-27 male
10198	Brass nipple, 1/4" NPT male x 1/2"-27 male

Reducing Coupling | Reducing Bushing | Nipple

STANDARD BUTTON HEAD FITTINGS

Part No. 5701, 1/8" NPT male.
Part No. 5706, 1/4" NPT male.

5701 5706

100 PIECE GREASE FITTING ASSORTMENT

Dispenser assortment contains 100 assorted grease fittings in six popular sizes. Packed in a transparent plastic box.

Part No. 5469.

24 PIECE GREASE FITTING ASSORTMENT

Economy pack contains 24 assorted grease fittings in six popular sizes. Blister packed on one card.

Part No. 5470.

HYDRAULIC COUPLER

For all hydraulic type grease fittings. ½" outside diameter. For use on hand operated guns only. Inlet 1/8" NPT (f).

Part No. 5852.

HYDRAULIC COUPLER

Heavy duty grease coupler. Used on all power or hand operated grease guns. Inlet 1/8" NPT (f).

Part No. 245976.

360° HYDRAULIC COUPLER

360° coupler adapter swivels in a full circle, with a positive stop every 45°. Adjustable coupler section. Angle body has 1/8" NPT (f) inlet.

Part No. 5848.

SPECIAL ACCESS 90° COUPLER

An efficient way to lubricate fittings in tight locations. Fits all standard 1/8" NPT grease hoses and operates to 1000 psi.

Part No. 5883.

4-WAY GREASE FITTING TOOL — SMALL
Small 4-way grease fitting tool for tap repair of damaged threads (¼"-28) and removal of broken fittings
Part No. G904.

4-WAY GREASE FITTING TOOL — LARGE
Large 4-way grease fitting tool for tap repair of damaged threads (1/8"-NPT) and removal of broken fittings
Part No. G905.

DRIVE TOOL
Fitting drive tool to install straight drive type fittings only.
Part No. 11485.

BUTTON HEAD COUPLER
For pull-on, push-on, or hook-on service. Use with large 7/8" diameter button head fittings. 7/16"-27 (f) thread.
Part No. 80933.

BUTTON HEAD COUPLER
For pull-on, push-on, or hook-on service. Use with large 5/8" diameter button head fittings. 7/16"-27 (f) thread.
Part No. 81458.

BUTTON HEAD ADAPTER
Adapter for hose with 1/8" NPT connections; thread 1/8" NPT female x 7/16"-27 male.
Part No. 10460.

HIGH PRESSURE SWIVEL
Universal high pressure swivel. ½"-27 male x ¼" NPT male.
Part No. 81387.

Repair parts kit for #81387 swivel.
Part No. 82158.

HIGH PRESSURE SWIVEL
Universal volume high pressure swivel. ½" NPT male x 3/8" NPT male.
Part No. 81729.

HIGH PRESSURE SWIVEL
Straight high pressure swivel. ½"-27 NPT male x ¼" NPT male.
Part No. 82399.

HIGH PRESSURE SWIVEL
Universal high pressure swivel. ¼" NPT male x ¼" NPT male.
Part No. 83594.

5812/5818

5858

5834

HOSE EXTENSIONS
Part No. 5812, 12" whip hose extension for use with hand and air operated grease guns. 1/8" NPT male both ends.
Part No. 5818, 18" whip hose extension for use with hand or air operated grease guns. 1/8" NPT male both ends.
Part No. 5858, Flexible/rigid adapter has overall length of 13", features metal sleeve lock action at one end and a hydraulic coupler at the other end. 1/8" NPT male thread.
Part No. 5834, Standard hydraulic coupler extension adapter. 1/8" NPT male connection.

NEEDLE NOZZLE
For contacting flush type fittings or hard to reach hydraulic type fittings.
Part No. 5803.

NEEDLE NOZZLE w/ SLEEVE
For contacting flush type fittings or hard to reach hydraulic type fittings. With extension and locking sleeve.
Part No. 82784.

NEEDLE NOZZLE FOR U-JOINTS
For lubricating U-joints and spindles. Attaches to hydraulic coupler of control valve or grease gun. Includes rubber tip.
Part No. 83278.

EXTENSION ADAPTER
For lubricating recessed fittings. Includes extension nozzle and locking sleeve.
Part No. 5855.

90° ANGLE ADAPTER
Solves the problem of contacting so-called "inaccessible" grease fittings.
Part No. 5859.

RIGID EXTENSION
6" seamless steel extension tube. 1/8" NPT male both ends.
Part No. G906.

GREASE HOSE ASSEMBLIES
1/8" NPT rubber hose available in 3 pre-made lengths.
Part No. 75912-CL, 12".
Part No. 75918-CL, 18".
Part No. 75924-CL, 24".

PRESSURIZED PORTABLE OIL DRAIN
•Ease Of Use: Extra large 18" offset bowl easily catches fluid without repositioning the tank. Telescopic (44" to 72" range) bowl height adjustment allows for greater flexibility. Low profile design is extremely stable and easy to manoeuvre. Large 20 gallon (75 L) capacity averages 15-20 vehicles before tank evacuation. Special valve design allows evacuation with bowl set at any height. •Durable: Heavy gauge steel construction. Protected sight gauge for easy fluid level monitoring. •Includes: Fixed air regulator allows use of standard shop air during evacuation. Tank pressure relief valve for added safety. Reinforced discharge hose. Hose hanger built into bowl.
Part No. 3614.

STANDARD PORTABLE OIL DRAIN
•Standard oil drain, used with 16 gallon (120 lb.) open top drum (not included). Convenient float gauge shows when drum is full. Includes 17" square rolling base with 2½" ball bearing caster wheels. 14" drain bowl is adjustable from 42¾" to 70".
Part No. 613.

PEDESTAL-STYLE PORTABLE OIL DRAIN
•This portable style oil drain is lightweight making it easy to position and manoeuvre. Latch trigger automatically locks drain bowl at any height. Reversible. Bowl cover lid hinged — splash guard extends to catch oil flowing from hard to reach drain plugs. Spring actuated valve in drain bowl to prevent leakage. Includes drain adapter bushing. Large 13½", 4½ gallon bowl assembly.
Part No. 3605.

Lubricating Equipment

ROTARY-VANE BARREL PUMP

Cast iron pump head for transferring petroleum-based, non-corrosive fluids. Comes with standard bung bushing. Delivers approximately 1 gallon per 18 revolutions of handle. Great for commercial, automotive, farm, and industrial applications.
Part No. G402.

PROFESSIONAL SERIES FLUID PUMP

•This close tolerance pump utilizes brass rings that will never shrink nor harden over time •This pump works great with non corrosive fluids such as motor oil, transmission fluid, gear oil, engine coolant, and much more. •The multi-position handle allows the pump to be set for high or low viscosity fluids to ease pumping effort or maximize output. •Because the pump handle is mounted for easy access from the front, it greatly simplifies filling and reduces spillage. Features: Telescoping pick up tube for 16-55 gallon drums with standard 2" bung openings. Bung opening tool built into pump head to open sealed refinery containers. Internal check valve assures constant prime. Provides 8.5 fl. oz. per full stroke. Fully serviceable.
Part No. 1335.

DIAPHRAGM ACTION TRANSFER PUMP

Double acting diaphragm delivers one full gallon per eight strokes. Neoprene seals resist wear from abrasive fluids. 8 foot hose with discharge nozzle assures long reach. Fits 16 to 55 gallon drums. 2" NPT (m) bung bushing. 1 pint per stroke output.
Part No. 1326.

LEVER ACTION TRANSFER PUMP

Lever action pump fits 30 to 55 gallon drums. Pump delivers 10 oz. per stroke. Comes with standard bung bushing. Designed for efficient transfer of petroleum based, non-corrosive liquids. Rugged, corrosive resistant finish prevents rusting. Curved metal spout features threads to fit all garden hoses.
Part No. G401.

LOW PRESSURE STUB PUMP - 1:1 PRESSURE RATIO

Universal stub pump design provides the versatility to transfer and dispense controlled amounts of lubricant using an oil spigot, control valve or meter. Adaptable for 16 or 55 gallon containers as well as bulk tank or standpipe installations. Delivers 12.5 cu. in. per cycle. Includes air motor, pump tube, suction tube, bung bushing, air coupler, and air nipple. 1"/¾" NPT pump inlet/outlet. 14 gpm maximum free delivery. ¼" NPT (f) air inlet. 150 psig maximum rec. inlet air pressure.
Part No. 84829.

SUCTION GUN

Holds up to 18 oz. Flexible nozzle for transmission, differential or oil filter service. Precision follower fitted to barrel for superior suction and is impervious to oil, grease and water. Finished in rust-resistant powder coated blue paint.
Part No. 615.

MODEL 4475 PUMP

•Affordable, easy to use and effective transfer pump. This low cost, air-operated metallic positive displacement piston pump transfers and dispenses low to medium viscosity fluids such as motor oil and transmission fluid. The heart of the 4475 pump is a reciprocating-piston, low pressure pump design. •Operation: Pneumatic fluid delivery stroke, spring return stroke •Pump Tube Length: 34" (86 cm) •Attachment: 2" Bung, adjustable for 55 and 16 gal. drums, bench and portable tanks •Effective Pump Ratio: Approx. 0.7:1 to 0.8:1 depending on inlet air pressure •Inlet Air Pressure: Max: 120 psi (8.3 bar) Min: 20 psig (1.4 bar) for best results, keep regulated to approx. 40 psi. •Output/Stroke: 2.9 in3 (48 cm3) •Free Delivery: Up to 4 gpm (15 lpm)

Part No. 4475, Bare Pump, 3/8" or ½" NPTF.
Part No. 4480, Spigot Pump, spigot extension with on/off valve.

4480

4475

WHEEL BEARING PACKER

Services bearings with 5/8" to 1½" I.D. Mounts on workbench or wall. Bearing is flushed and packed by contacting fitting in packer head with power gun control valve or by high pressure hand gun. Overall dimensions: 4½" high, 4" wide.
Part No. 816.

SUPER SPEED WHEEL BEARING PACKER

Services bearings with 5/8" to 1½" I.D. and up to 3¼" O.D. on passenger cars, light trucks and farm vehicles. Clamps securely to 25 to 50 lb. original refinery container. Primes easily and pumps efficiently when using heavy greases at low temperatures. Specifications: 21" overall height, 2¼" wide
Finish: Drum Cover in red enamel.
Part No. 102697.

SUPER SPEED WHEEL BEARING PACKER

Same as #102697 except has larger packer head to service bearing to 9½" O.D. with minimum 9/16" I.D. Includes adapter to permit servicing smaller bearings of 1" to 1¾" O.D. Includes follower plate.
Part No. 102929.

LINCOLN

HEAVY DUTY GREASE PUMP

•For 120 lb. drums. Air operated, 50:1, double acting. Will dispense 45 ounces or 80 cubic inches of NLGI 0-2 grease per minute at 150 psig. Assures positive prime at lowest temperature. Drum cover finished in Lincoln red. Height 43-1/8"; base 17" square. Includes high pressure hose, nipple, control valve, air coupler, straight swivel, and universal swivel.
Part No. 917, with roll-a-round base #80895.
Part No. 917-57, without roll-a-round base.

Part No. 346P, For 120 lb. drums. Same as #917 except with #674 hand truck which provides convenient transportation for unit. Hand truck has two semi-pneumatic disc wheels and screw-type clamp which locks unit to truck.

HEAVY DUTY GREASE PUMP

•For 25 - 50 lb. drums. Air operated, 50:1, double acting. Steel cover has three thumb screws to clamp securely to any original 25 - 50 lb. refinery container. Carrying handle provides easy portability. Follower plate assures positive prime at lowest temperatures. Cover rust-proofed and finished in Lincoln red. Includes high pressure hose, nipple, control valve, air coupler, straight swivel, and universal swivel.
Part No. 989.

Bucket not included.

MANUAL BUCKET PUMP

•Econo-luber. Rugged booster-type pump converts any 25 - 50 lb. refinery container to a high pressure bucket pump. Handles both light and medium lubricants. Single lift of pump handle supplies enough force to service over 200 average bearings. Follower plate recommended when pumping extra heavy lubrication. 23"H; 10½" to 12-1/8" diameter. Maximum pressure 2500 psi, c/w 10 ft. hose w/ swivel.
Part No. 1297.

Bucket not included.

MANUAL BUCKET PUMP

•Grease pump. Unit clamps on any 25 - 50 lb. refinery container in 60 seconds. Dimensions: 21½" H x 12¼" W. Tube size 1¼". Maximum pressure 2500 psi, c/w 5 ft. hose.
Part No. 1292.

FLUID PUMP

Volume pump which clamps to any 30 lb. refinery bucket for fast, clean delivery from container to lubricant reservoir. 5 ft. hose; 13" pump tube (below rim); nozzle.
Part No. 1293.

PORTABLE FILLER PUMP

•Clamp-on/carry filler pump. Clamps to any original 25 - 50 lb. refinery container. Handles medium and light lubricants in any weather. Includes pump, filler socket, follower plate, and ribbed steel drum cover. Rust resistant. Tube size 1½". 20" H x 12¼" W.
Part No. 1296.

Bucket not included.

FLUID PUMP

Air operated, efficient 3:1 ratio gear lubrigun for 120 lb. original refinery containers. Includes 2873 litre non-totalizing meter, #80895 roll-a-round base, 25¾" pump tube, #780 nozzle. Output 6 gpm.
Part No. 2435LN.

FLUID PUMP

Manually operated gear lube dispenser. Includes 2873 litre non-totalizing meter, 80895 roll-a-round base, 5 ft. hose, 25¾" pump tube, and nozzle. 15" I.D. drum cover. Output 1 pt. per 7 strokes using SAE 90 gear lubricator at 21°C.
Part No. 535LN.

BAND TYPE DOLLY & ROLL AROUND BASE

Part No. 84192, Band type dolly for 120 lb. refinery containers. Includes four swivel casters and screw clamps.

Part No. 80895, Roll-Around Base - for 120 lb. refinery containers. Includes four swivel casters and screw clamps.

HAND TRUCK

All steel, rugged construction with 6" diameter wheels. Red. 41" H x 15" W. For use with 120 lb. drums.
Part No. 674.

FOLLOWER PLATES

Deluxe universal follower
Part No. 84775, for use with 25 - 50 lb. containers for 1", 1¼", 1½" diameter pump tubes.
Part No. 84780, for use with 120 lb. containers for 1", 1¼", 2-1/8" diameter pump tubes.

Part No. 83367, Straight metal drum and pail follower. For use with 400 lb. drum and 1-5/8" diameter pump tubes.

Lubricating Equipment

HEAVY DUTY BARE HOSE REEL

Features:
•Dual needle bearings reduce the stress on the spring, providing smooth, balanced operation during both hose extension and retraction •Rounded edges on hose guide face enhances safety •Angled hose guide face for smooth tangent hose pull out and retraction •Electroless nickel plated, corrosion-resistant, low-pressure axle prevents contamination of fluid and restriction of flow •Double ratchet teeth provide solid latch to lock hose in multiple usable positions •Two hose clamps perfectly spaced to prevent the hose from locking in the fully extended position •Easily accessible,yet fully contained power springs designed for optimum performance at various operating pressures

	Part No. 94100 Low Pressure	Part No. 94300 Medium Pressure	Part No. 94500 High Pressure
Compatible Fluids	Air, ATF, Water, WW	Oil	Grease
Hose Capacity	60 ft. x 3/8", 50 ft. x ½"	50 ft. x ½"	60 ft. x 3/8"
Maximum Working	2500 psi	2500 psi	8000 psi bare reel
Pressure			5000 psi with hose
Inlet/Outlet	½" NPTF	½" NPTF	3/8" NPTF

ADJUSTABLE BALL STOPS

•Used to cushion and stop hose retraction.
Part No. 85515, Ball Stop - For ¼" I.D. hose -- Lincoln Type 72
Part No. 85516, Ball Stop - For 3/8" I.D. hose -- Lincoln Type 72A, 74.
Part No. 85517, Ball Stop - For ½" I.D. hose-- Lincoln Type 73, 74, 76A, 76B.

HEAVY DUTY HOSE REEL

•Lincoln heavy duty bare hose reel. This large capacity hose reel is capable of handling a maximum of 50 feet of delivery hose. This reel has a maximum working pressure of 5000 psi, and has female ½" NPT inlet and outlet ports.
Part No. 82206.

VALUE SERIES RETRACTABLE ASSEMBLED AIR HOSE REELS

•FEATURES: •Durable - Heavy gauge, all steel construction. Heavy duty rubber air hoses. •Ease Of Installation - Slotted mounting base for easy attachment to ceiling, walls, work benches. Five position adjustable outlet roller arm. •Reliable - Spring powered automatic recoil. Angled hose guide for smooth, parallel hose pull out and retraction. Eight position ratchet gearing locks the reel at the desired hose length. •Includes - Bare hose reel. 50 ft. delivery hose and ball stop.

	Part No. 83753	Part No. 83754
Assembly Description	50 ft. of 3/8" air hose	50 ft. of ½" air hose
Inlet/Outlet Connection	¼" NPT	½" NPT
Maximum Pressure	300 psi	300 psi
Maximum Air Flow	25 cfm	35 cfm

OIL STUB PUMP

For motor oil, ATF, gear lube, and other fluid lubricants. Double-acting pumps are now directly interchangeable without piping changes. 150 psi air motor, large pump outlet of ½" NPT (f). Large pump inlet of 1" NPT (f) inlet with 1½" NPT (m) pump inlet for versatile pump mounting and full oil flow.
Part No. 84934 - 2½" diameter, 40 cubic inch displacement stub pump with 5:1 ratio. Delivers a uniform 6 gallons of product per minute free delivery.

Part No. 282398 - 2" diameter, 25 cubic inch displacement stub pump with 3:1 ratio. Delivers a uniform 6 gallons of product per minute free delivery. Ideal for dispensing fluids from drums, tanks, or remote standpipe mount.

STUB PUMP ACCESSORIES

Part No. 84538 - Stub pump bung bushing - 2" NPT male for mounting #282398 and #84934 stub pumps to supply drums or tanks.

Part No. 85765 - Stub pump foot valve for use on stub pump intake tubes - 1" NPT female outlet.

AIR OPERATED DIAPHRAGM PUMP

Lincoln double diaphragm pump constructed of aluminum. Designed as a general transfer pump and fluid evacuation pump, having a capacity of up to 54 gpm with maximum air pressure of 125 psi. This unit has 1" NPT female inlet and outlet ports for product and ½" NPT female air inlet. Unit has Hytrel diaphragm, check balls and seats. Pump is capable of passing solids up to ¼" diameter in solution.
Part No. 85629.

OVAL GEAR, ELECTRONIC LUBE METER

These oval gear driven meters are highly accurate and the exact amount of fluid dispensed is shown on the easy to read 5 digit liquid digital display. A total button is also featured to regularly check the total amount of fluid dispensed from stock. Measures in gallons, quarts, pints, and litres. Flex straight hose with automatic tip. 1500 psi maximum working pressure. Fluids: Motor oils, gear oils, auto transmission fluid, hydraulic fluid, windshield washer fluid, antifreeze and brake fluids.
Part No. 954.

METERING CONTROL VALVE

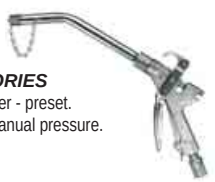
Oils, ATF, and antifreeze metering control valve. 10 litre dial total with 1/10 litre graduation, non-drip nozzle, a 10" hose extension and ½" NPT female inlet and outlet. 3½" diameter.
Part No. 899.

GEAR LUBE METERING CONTROL VALVE

Gear lube metering control valve. 10 litre dial total with ¼ quart graduation, non-drip nozzle, a 10" hose extension and ½" NPT female inlet and outlet. 3½" diameter.
Part No. 881.

BENCH TANK ACCESSORIES

Part No. 3942, Countdown meter - preset.
Part No. 775, Control valve - manual pressure.



775

FILL-RITE Hand Pumps

HAND LEVER PISTON PUMP

Economical pump for the safe and accurate transfer of tough industrial fluids. For engine oils, gear oils, antifreeze, mild acids, and even paraffin at approximately 11 fl. oz. (325 ml) per stroke. •Telescopic suction pipe for drums up to 36" in depth •Self-priming lever pump with anti-drip nozzle •Locking ring for 360° alignment •Durable polypropylene construction with Nitrile seals

Part No. FR20.

QUART/ LITRE STROKE HAND PUMP

This pump includes a Swing Return Drain Tube which eliminates messy work areas. This durable metal pump accurately transfers one quart (with option for adjustment to 1 litre) accordingly with each stroke. Great for dispensing oils or other non-corrosive liquids. •Heavy duty cast iron construction •Rack and pinion pump design •Easy calibration for accurate quart or litre measurement •2" base for drum opening •Telescopic suction pipe extends from 22" to 40" •Padlock feature for security

Part No. FR31L.
Part No. 30F5301, Telescoping steel suction pipe.
Part No. 30KTF4919, Repair kit.

ROTARY HAND PUMP

Excellent for medium viscosity liquids as well as oils, gasoline, and diesel fuel. The rotary action of this pump ensures a smooth, continuous transfer at up to 10 gallons (38 litres) per 100 revolutions. •Lightweight cast aluminum construction •Built-in check valve and strainer •8 ft. hose and nozzle •"Easy Mount" 2" tank adapter •Telescopic suction pipe extends from 22" to 40" •Anti-siphoning device •Padlock feature for security

Part No. FR112.
Part No. 100KTG8127, Telescoping steel suction pipe.
Part No. 5200F1790, Hand pump nozzle.
Part No. 5200F1619, Discharge spout
Part No. 100ACC111L, Counter unit — litres.
Part No. 100F0842, Barrel bung adapter.
Part No. H058G9054, 5/8" x 8 ft. hose.
Part No. 807CL, Meter — litres.
Part No. 100KTF1214, Repair kit.

STANDARD DUTY ROTARY PUMP

Excellent for light viscosity oils, gasoline, diesel fuel and non-corrosive fluids. Rotary action provides up to 8-1/2 gallons (32 litres) per 100 revolutions with a cast iron pump body and rotor composition. Includes: 3 piece steel suction pipe to fit up to a 55 gallon drum, 1" NPT inlet, 1" OD spout, and a 2" NPT threaded tank adapter.

Part No. SD62.

PISTON HAND PUMP

This compact high flow, dual-action design delivers up to 20 gallons (76 litres) per 100 strokes. •Lightweight cast aluminum construction •Stainless steel inner liner •Reversible pump flow •8 ft. hose and nozzle •"Easy Mount" 2" tank adapter •Telescopic suction pipe extends from 22" to 40" •Anti-siphoning device •Padlock feature for security

Part No. FR152.
Part No. 1200KTG9099, Telescoping steel suction pipe.
Part No. 5200F1790, Hand pump nozzle.
Part No. 5200F1619, Discharge spout.
Part No. 5200F1593, Barrel bung adapter.
Part No. 807CL, Meter — litres.
Part No. 5200KTF1828, Repair kit.

Electric Transfer Pumps

DUAL DIAPHRAGM "TOTE" PUMP

The most versatile, dependable chemical pump you will ever own! Mounts directly to drums, containers, and storage tanks. Pumps from the top or the bottom. Pumps up to 13 gpm on most fluids including antifreeze, motor oil, waste oil, hydraulic and transmission fluids, crop protection chemicals, hay and forage preservatives, soaps and cleaning fluids, liquid fertilizers, many liquid feeds, de-icing and anti-icing liquids, etc. This reciprocating, spring driven, dual diaphragm pump is made of glass filled polypropylene with internal wetted parts of polypropylene, fluorocarbon and stainless steel. Fluid viscosities up to 3000+ CPS. Inlet and output port: 1" FNPT. Particle tolerance up to 0.1" diameter. Available in either 12 volt of 115 volt with thermal overload protection. ¼ HP 12 volt draws 20 amps; ¼ HP 60 Hz (110 volt AC).

Part No. SS415X731, 12 volt.
Part No. SS460X731, 115 volt.

FILL-RITE®

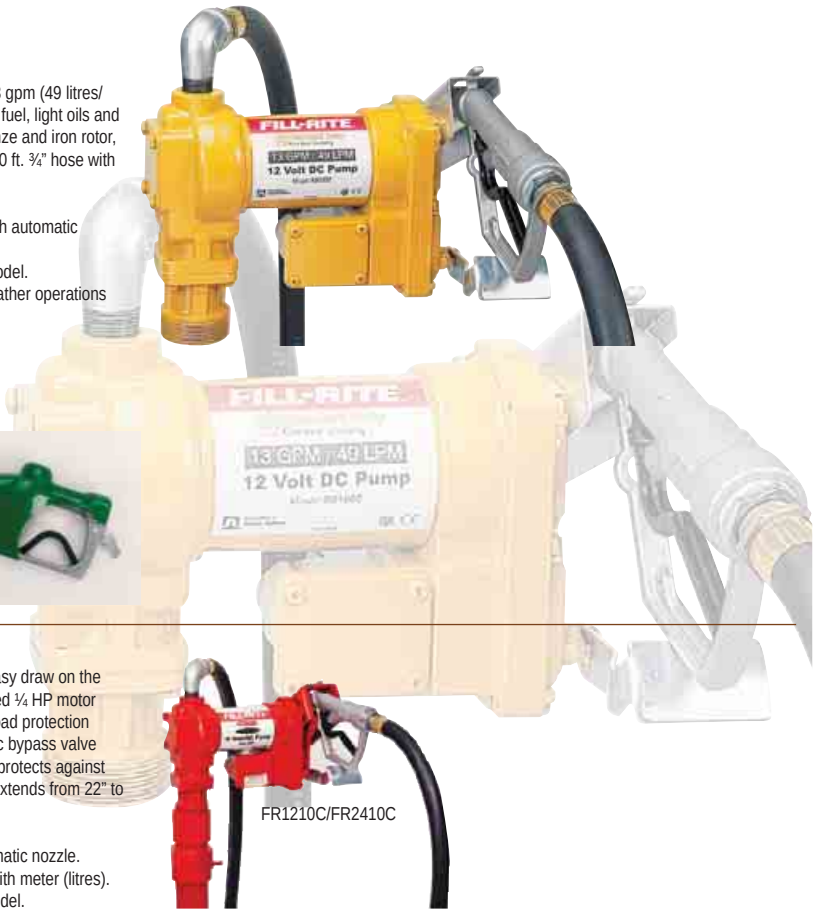
Electric Transfer Pumps

DC STANDARD DUTY ROTARY VANE PUMP

This positive displacement direct drive standard duty pump dispenses up to 13 gpm (49 litres/min) and is designed for moderate to heavy use in dispensing gasoline, diesel fuel, light oils and non-corrosive petroleum based fluids. Cast iron pump body construction, bronze and iron rotor, 20 amp ¼ HP cUL approved motor. Includes: 2 piece polymer suction pipe, 10 ft. ¾" hose with static wire, 15 ft. power cable, manual nozzle, and lockable with padlock.
Part No. SD1202.
Part No. SD1202A, Similar to SD1202 unit above, except comes complete with automatic nozzle.
Part No. SD602, Similar to SD1202 unit above, except this is a 115 volt AC model.
Part No. HA-ASW-75-15-12, Goodyear ¾" x 15 ft. arctic fuel hose for cold weather operations to -54°C.
Part No. 700F3135, ¾" x 15 ft. hose.
Part No. N075UMN11, Manual unleaded nozzle - ¾".
Part No. N075UAU10, Automatic unleaded nozzle - ¾".
Part No. 1200KTG8572, Repair kit for #SD1202, SD1202A, and SD602.

N075UMN11

N075UAU10



DC ROTARY VANE TRANSFER PUMP

This industry standard pump dispenses up to 15 gpm (57 litres/min) with an easy draw on the DC power source and weighs less than 27 lbs.* •Explosion-proof cUL approved ¼ HP motor •12V DC, 20 amp; 24V DC, 10 amp motor •Heavy duty switch, thermal overload protection and junction box •Heavy duty battery cable •Carbon rotor vanes •Automatic bypass valve •Built-in check valve and strainer •¾" x 12 ft. hose and nozzle •Nozzle boot protects against dirt and contamination •2" base for tank openings •Telescopic suction pipe extends from 22" to 40" •Padlock feature for security
Part No. FR1210C.
Part No. FR1210CA, Similar to FR1210C unit above, except comes c/w automatic nozzle.
Part No. FR1211C, Similar to FR1210C unit above, except comes complete with meter (litres).
Part No. FR2410C, Similar to FR1210C unit above, except this is a 24 volt model.
Part No. HA-ASW-75-15-12, Goodyear ¾" x 15 ft. arctic fuel hose for cold weather operations to -54°C.
Part No. 700F3135, ¾" x 15 ft. hose.
Part No. 1200KTG9099, Telescoping steel suction pipe.
Part No. N075UMN11, Manual unleaded nozzle - ¾".
Part No. N075UAU10, Automatic unleaded nozzle - ¾".
Part No. 807CL, Meter — litres.
Part No. 4200F9111, Nozzle spout hook (automatic nozzle).
Part No. 4200KTF8739, Repair kit (standard seals).

**Weight is for basic FR1210C model only.*

FR1210C/FR2410C

FR1211C

700F3135

115V AC UTILITY ROTARY VANE PUMP

This rugged, positive displacement pump delivers up to 20 gpm (76 litres/min). Standard features include: •Explosion-proof cUL approved 1/3 HP motor with sealed bearings •Heavy duty switch, thermal overload protection and junction box •Carbon rotor vanes and ceramic/carbon seal •Automatic bypass valve •Integral check valve with pressure relief •Easily removable strainer assembly •¾" x 12 ft. hose and nozzle •Nozzle boot protects against dirt and contamination •"Easy-Mount" 2" tank adapter
Part No. FR700.

12V DC HIGH-FLOW ROTARY VANE PUMP

Designed to deliver up to 20 gpm while only drawing 22 amps from your battery. Standard features include: •Built-in check valve, bypass valve, and thermal expansion valve •UL/cUL listed •1" diameter, 15 ft. hose and 1" manual nozzle •Equipped for padlocking for security •Explosion proof, permanent-magnet motor •Thermal overload protection •30 minute duty cycle/not for continuous operation •Ball bearing construction; no lubrication required •Machined carbon vanes
Part No. FR4210D.
Part No. HA-ASW-75-15-12, Goodyear ¾" x 15 ft. arctic fuel hose for cold weather operations to -54°C.
Part No. HA-ASW-100-15-16, Goodyear 1" x 15 ft. arctic fuel hose for cold weather operations to -54°C.
Part No. 700F3135, ¾" x 15 ft. hose.
Part No. 300F7773, 1" x 15 ft. hose.
Part No. 700F3125, Manual unleaded nozzle - 1".
Part No. N075UMN11, Manual unleaded nozzle - ¾".
Part No. 300F7801, Automatic unleaded nozzle - 1".
Part No. N075UAU10, Automatic unleaded nozzle - ¾".
Part No. 807CL, Meter – litres - ¾".
Part No. 807CL-1, Meter – litres - 1".
Part No. 4200F9111, Nozzle spout hook (automatic nozzle).
Part No. 700KTF2659, Repair kit for FR700.
Part No. 4200KTF8739, Repair kit for FR4210D.

FILL-RITE®

FILL-RITE
Electric Transfer Pumps

12V DUAL DIAPHRAGM PUMP

Functions like an air operated diaphragm pump — designed for the continuous transfer of heavy fluids such as lube and gear oils, fertilizers, waste oils , etc. at up to 13 gpm (50 litres/min). Transfers fluids with viscosities over 1000 cps and particles of up to 1/10" in diameter. •1/4 HP motor •Heavy duty switch, thermal overload protection and junction box •Heavy duty battery cable •Reciprocating spring-driven, dual diaphragm for optimal flow rate •FilCon™ diaphragm •Self-priming •1" x 12 ft. hose with 1" nozzle •Bung adapter •Telescopic suction pipe extends from 22" to 40" •Padlock feature for security

Part No. FR410.
Part No. HA-ASW-100-12-16, Goodyear 1" x 12 ft. arctic fuel hose for cold weather operations to -54°C.
Part No. 410F3137, 1" x 15 ft. hose.
Part No. 1200KTG9099, Telescoping steel suction pipe.
Part No. 400G7006, Ball valve nozzle.
Part No. 400KTF0281, Ball valve nozzle with anti-drip spout.
Part No. 400KTF6862, Repair kit (petroleum products).

FR310

FR311

115V AC HIGH FLOW ROTARY VANE PUMP

32 gpm (132 litres/min). Superior flow rate and long life are a key feature of this pump. Other features include: •Explosion-proof UL listed dual voltage 3/4 HP motor with sealed bearings •Heavy duty switch, thermal overload protection and junction box •Cast iron pump housing with bronze rotor and carbon vanes •Check valve, pressure relief valve, and strainer assembly •1" x 15 ft. hose and nozzle •"Easy-Mount" 2" tank adapter •Recommended for pumping diesel fuel
Part No. FR310.

115V AC HIGH FLOW ROTARY VANE PUMP

Similar to #FR310 unit above, except this is a high flow rotary vane pump at 30 gpm (114 litres/min) and 3/4 HP motor. Recommended for pumping diesel fuel. Comes complete with meter (litres).
Part No. FR311.
Part No. HA-ASW-100-15-16, Goodyear 1" x 15 ft. arctic fuel hose for cold weather operations to -54°C.
Part No. 300F7773, 1" x 15 ft. hose.
Part No. 300F7801, Automatic nozzle.
Part No. 901L, Meter — litres.
Part No. 300KTF7794, Repair kit.

Meters & Accessories

GRAVITY FLOW METER

Gravity flow model, with 1" inlet, strainer, and fittings — litres.
Part No. 806CL.

PRESSURE FLOW METER

Litres.
Part No. 807CL, with ¾" inlet.
Part No. 807CL1, with 1" inlet.

HIGH VOLUME FLOW METER

Litres.
Part No. 901L, with 1" inlet.
Part No. 901-1X1/2L, with 1½" inlet.

DIGITAL FLOW METER

Self-calibrating meter with 1" inlet.
Part No. 820.

STRAINER KIT

Strainer kit for mounting 800 series meters on overhead tanks.
Part No. TH-18.

FILL-RITE®

Piston Hand Pumps

Features:
•Lightweight strong die cast aluminum construction. •Stainless steel piston liner. •Stainless steel inlet screen. •Stainless steel shaft to prevent corrosion. •Hardened steel pivot pins. •Teflon piston seals for long life and smooth operation. •Integral nozzle holder in housing provides a nozzle holder and prevents contaminants from entering hose. •Bung adaptor adjustable so pump can be rotated to any position. •One quart per stroke gives fast efficient transfer. •Models for petroleum products and most chemicals. •Locking mechanism to prevent theft. •Units come complete with 8 ft. hose, die cast aluminum nozzle, and inlet suction pipe and bung adapter.

Part No. 260407, Hand pump - fuel.
Part No. 260406, Hand pump - chemical.

	PART NO. 260407	PART NO. 260406
Inlet Size	1" NPT	1" NPT
Outlet Size	3/4" NPT	3/4" NPT
Hose	3/4" x 8 ft. Petroleum (Buna)	3/4" x 8 ft. EPDM
Standpipe	34", 2 pc.	34", 2 pc.
Shaft & Piston Liner	Stainless Steel	Stainless Steel
Seals	Buna N	Viton
Shipping Weight	12 lbs.	12 lbs.

Piston Hand Pump Replacement Parts

Part No. 260369, Piston and shaft.
Part No. 260370, Poppet assembly (4 required).
Part No. 260376, Pivot pin (2 required).
Part No. 260377, Piston pin.
Part No. 260379, Spring retainer (4 required).
Part No. 260382, Nozzle.
Part No. 260384, Bung adapter.
Part No. 260386, Piston seal (2 required).
Part No. 260388, Shaft seal (chemical).
Part No. 260216, 8 ft. hose (petroleum).
Part No. 260391, Cover seal (chemical).

CELEBRATING 40 YEARS
40
Gregg
1968 2008
100% Canadian!!!!

Gregg Distributors Ltd.

100% Canadian.

Gregg Distributors Ltd.

Alemite's exclusive patented Cold Header Automatic Production Systems, CHAPS®, manufactures high volume fittings that are stronger, more durable, and easier to use than any other fittings available today. Each CHAPS® fitting goes through twenty quality checks to assure the highest quality level and lowest defect rating of all fittings manufactured worldwide.
Alemite's fittings are manufactured from the highest grade materials to very rigid quality standards. The red ball you find in every Alemite fitting is a promise of quality. Each fitting is designed to meet the demanding and diverse requirements of its specific application, including SAE J-534-C and Military Specification MIL-F-3541.

1/4"-28 TAPER THREAD HYDRAULIC FITTINGS

Used on most cars and trucks and on many industrial machines. Features dirt excluding ball check. Maximum pressure: 10,000 psi.

1641-B

PART NO.	TYPE	OVERALL LENGTH	SHANK LENGTH	HEX SIZE
1641-B	Str.	35/64"	3/16"	5/16"
1652-B	Str.	11/16"	23/64"	5/16"
1698-B	Str.	1-1/8"	25/32"	5/16"
1637-B1	45°	13/16"	13/64"	3/8"
1911-B1	90°	3/4"	13/64"	3/8"

1698-B

1637-B1

1911-B1

1/4" PTF HYDRAULIC FITTINGS

Widely used for larger bearings on farm machinery and heavy industrial equipment. Recommended for heavy lubricants in cold weather. Features dirt excluding ball check. Maximum pressure: 10,000 psi.

1627-B

1629-B

PART NO.	TYPE	OVERALL LENGTH	SHANK LENGTH	HEX SIZE
1627-B	Str.	7/8"	27/64"	9/16"
1629-B	67-1/2°	31/32"	11/32"	9/16"

METRIC FITTINGS

Taper metric thread conforms to German Standard DIN 71412. Maximum pressure: 10,000 psi.

PART NO.	TYPE	THREAD (M)	OVERALL LENGTH	SHANK LENGTH	HEX SIZE
2106	Str.	6 mm x 1 mm	19/32"	1/4"	7 mm
2107	45°	6 mm x 1 mm	13/16"	7/32"	10 mm
2108	90°	6 mm x 1 mm	3/4"	7/32"	10 mm
2103	Str.	8 mm x 1 mm	5/8"	1/4"	9 mm
2105	90°	8 mm x 1 mm	3/4"	7/32"	10 mm
2109	Str.	10 mm x 1 mm	5/8"	1/4"	11 mm

1/8" PTF HYDRAULIC FITTINGS

Used on many industrial machines and heavy equipment. Features dirt excluding ball check. Maximum pressure: 10,000 psi.

1610-BL

1607-B

1958

1611-B

1688-B

PART NO.	TYPE	OVERALL LENGTH	SHANK LENGTH	HEX SIZE
1610-BL	Str.	11/16"	19/64"	7/16"
1607-B	Str.	1-1/4"	25/32"	7/16"
1958	Str.	31/32"	1/4"	7/16"
1611-B	30°	29/32"	19/64"	7/16"
1688-B	45°	57/64"	19/64"	7/16"
1612-B	65°	27/32"	19/64"	7/16"
1613-B	90°	27/32"	19/64"	7/16"

DRIVE FITTINGS

Used extensively to avoid tapping costs in a wide variety of applications. Alemite serrated shank grips securely and simplifies the replacement of damaged fittings in old or oversized holes. Recommended only for low and medium pressures.

1608-B

PART NO.	TYPE	OVERALL LENGTH	SHANK LENGTH	DRILL DIAMETER
1728-B	Str.	33/64"	1/4"	3/16"
1743-B	Str.	35/64"	1/4"	1/4"
1608-B	Str.	35/64"	1/4"	5/16"

STANDARD BUTTON HEAD FITTINGS

For rugged applications such as heavy machinery or contractor's equipment. All are straight fittings. Button head is 5/8" diameter. Maximum pressure: 6000 psi.

A1184

PART NO.	THREAD	OVERALL LENGTH	SHANK LENGTH	HEX SIZE
A1184	1/8" PTF	3/4"	11/32"	5/8"
A1186	1/4" NPTF	53/64"	27/64"	5/8"
A1188	3/8" NPTF	61/64"	31/64"	3/4"

GIANT BUTTON HEAD FITTINGS

Similar to standard button head fittings except larger (7/8" diameter) to withstand the roughest usage. All are straight fittings. Maximum pressure: 15,000 psi.

PART NO.	THREAD	OVERALL LENGTH	SHANK LENGTH	HEX SIZE
1823-1	1/4" NPTF	1-1/4"	1/2"	7/8"

HEADER BLOCKS

Hard-to-reach machine bearings requiring lubrication can be connected to central points by tubing or whip hose leading from the bearings to header blocks. Blocks equipped with hydraulic fittings are available for three or six bearings. With compression fitting connections for 1/4" tubing. Inlet/outlet threads are 1/8" NPTF(f).
Part No. 6135, 3-point, 2¾" length.
Part No. 6136, 6-point, 5¾" length.

6135

VEHICLE FITTING ASSORTMENT

Box contains six types of popular fittings. An identifying chart is included in the cover. Assortment includes nos.: 1610-BL (24); 1688-B (12); 1613-B (12); 1641-B (24); 1637-B1 (12); 1911-B1 (12).
Part No. 2398-1.

ALL PURPOSE FITTING ASSORTMENT

Metal box contains eight types of popular fittings. Also includes two tools for extracting fittings and rethreading holes. An identifying chart is included in the cover. Assortment includes nos.: 1610-BL (36); 1611-B (12); 1688-B (12); 1612-B (12); 1613-B (12); 1641-B (24); 1637-B1 (12); 1911-B1 (12); 315790 fitting tool; 315791 fitting tool.
Part No. 2364-1.

Grease Zerks & Accessories

Metric Fitting Assortment
Box contains six types of popular metric fittings. An identifying chart is included in the cover. Thread conforms to German Standard DIN 71412. Assortment includes nos.: 2106 (10); 2107 (6); 2108 (6); 2103 (6); 2105 (6); 2109 (10).
Part No. 2371.

Pocket Pack Fitting Assortment
Box contains six types of popular fittings. An identifying chart is included in the cover. Assortment includes nos.: 1610-BL (12); 1688-B (6); 1613-B (6); 1641-B (12); 1637-B1 (6); 1911-B1 (6).
Part No. 2365-1.

PACKAGED HYDRAULIC FITTINGS

Packaged fittings for display, American standard or metric threads. Each unit pack contains 10 fittings unless otherwise noted.
Part No. B1610-BL, 1/8" PTF, straight.
Part No. B1688-B, 1/8" PTF, 45°.
Part No. B1613-B, 1/8" PTF, 90°.
Part No. B1641-B, 1/4"-28 taper thread, straight.
Part No. B1637-B1, 1/4"-28 taper thread, 45°.
Part No. B1911-B1, 1/4"-28 taper thread, 90°.
Part No. B2100, Metric; 9 piece.

BUTTON HEAD COUPLERS

For use with standard or giant button head fittings.

TYPE	7/16"-27 NS-2 (f) Thd.	1/8" NPTF (f) Thread
Std. pull-on	42030	42030-A
Std. push-on	-	42031-A
Giant pull-on	304300	304300-A

42030

HYDRAULIC COUPLERS

Provides quick, positive and leakproof connection with hydraulic fittings. 1/8" NPTF(f).
Part No. 6304-B, Standard.
Part No. 6304-C, Standard w/ built-in check valve.
Part No. 308730, Narrow.
Part No. 308730-A, Narrow w/ built-in check valve.

308730-A

SWIVEL HYDRAULIC COUPLERS

Couplers swivel full 360°, lock in any of eight positions. Use 1/8" NPTF pipe extension to connect coupler to gun outlet.
Part No. 6509-D, Standard swivel coupler; metal seal; 3-1/2" length.
Part No. 6509-E, Narrow diameter swivel coupler; rubber seal; 4" length.

INJECTOR NEEDLE

Needle permits lubricating of sealed bearings. Plastic cover included.
Part No. B200.

NARROW NEEDLE NOSE ADAPTER

Designed for 4-wheel drive vehicles. Excellent on CV joints.
Part No. B201.

NEEDLE NOSE ADAPTER

Ideal for RV applications. Fits over all standard grease couplers. Dispenses fine line of grease through hose.
Part No. B202.

90° ADAPTER

Designed for hard-to-reach fittings. Working pressure 4000 psi.
Part No. B203.

PUSH TYPE ADAPTER

Designed for restricted access fittings. For use with hand guns only.
Part No. B204.

360° ADAPTER

Complete access to most fittings. Inlet 1/8" NPTF (f). Coupler included. For use with hand guns only.
Part No. B205.

SEAL OFF ADAPTER

Used for lubricating cars with grease plugs. 1/8" NPT (f). Oil and grease resistant rubber tip. For use with hand guns only.
Part No. B411.

LOADER FITTING

For grease guns with 1/8" NPTF (f) port in head, remove plug and install. For light and medium lubricants. Medium ball check passage. One piece construction.
Part No. B306740.

FLEXIBLE EXTENSION ADAPTER

Consists of locking sleeve, wire braid hose/metal guard assembly, and hydraulic coupler #6304-B. Maximum working pressure: 3000 psi. Length: 11-1/2".
Part No. 6248-1.

NEEDLE NOSE ADAPTER

For use in all universal joints and lubrication tight spots. Consists of contact nozzle and locking sleeve. Length: 5".
Part No. B6783.

HYDRAULIC PUSH-TYPE ADAPTER

Adds extra length to control valve. Consists of push-type contact nozzle and locking sleeve. Length: 6".
Part No. 6239.

DRIVE TOOLS FOR STRAIGHT DRIVE FITTINGS

These special tools simplify the original installation of drive and thread forming fitting in untapped holes.
Part No. 5253, For straight drive fittings without ball check.
Part No. 5253-1, For straight drive fittings with ball check.

B315790

EASY-OUT FITTING TOOLS

All-in-one tool to extract broken fittings, rethread holes and install new straight and angle type fittings.
Part No. B315790, For fittings with thread 1/4"-28 taper thread, blister carded.
Part No. B315791, For fittings with thread 1/8" NPTF, blister carded.

RELIEF FITTINGS

For use on gear box housings and bearings, (such as king pins, universal joints, etc.), where excessive lubricant pressures are not desirable. These safety valves open at the pre-determined pressures shown in the chart below. All relief fittings are 1/8" PTF SAE special short threads.

PART NO.	RELIEF PRESSURE (psi)		OVERALL LENGTH	SHANK LENGTH	HEX SIZE
	MINIMUM	MAXIMUM			
47200	1	5	1/2"	19/64"	7/16"
47640	7-1/2	15	1/2"	19/64"	7/16"
47100	45	80	1/2"	19/64"	7/16"

AIR VENTS

For use on transmissions, differentials, speed reducers, gear housings, etc. (above normal level of lubricant) - allows air to escape when internal pressures are built up. Special cap prevents water or dirt from entering.

PART NO.	TYPE	THREAD SIZE	OVERALL LENGTH	SHANK LENGTH	OPENING PRESSURE	HEX SIZE
300805	Breather	1/8 NPT	1"	17/64"	—	7/16"
304810	Valve	1/8 NPT	1"	17/64"	1 - 3" water	7/16"
131000	Valve	1/8 NPT	1"	17/64"	12" water max.	7/16"
330766	Valve	1/8 NPT	1"	17/64"	2-1/2 to 4 psi	7/16"
301370	Breather	1/8 NPT	25/32"	17/64"	—	7/16"
313650	Breather	3/8 NPT	1-1/2"	33/64"	—	3/4"

300805

301370

313650

Hand Grease Guns — Farm

AIR OPERATED GREASE GUN

•Three way loading •Features air vent fitting and loader fitting •Rigid extension and coupler
Part No. F100.

HEAVY DUTY GREASE GUN

•Develops up to 6000 psi •Three way loading •Features air vent fitting, vinyl grip and loader fitting •Rigid extension and coupler
Part No. F101.

PISTOL GRIP GREASE GUN

•Develops up to 4500 psi •Two way loading •Features air vent fitting •Rigid extension and coupler
Part No. F103.

MINI PISTOL GRIP GREASE GUN

•Develops up to 2900 psi •Two way loading •Includes 3 oz. grease cartridge •Rigid extension and coupler
Part No. F104.

ECONOMY GREASE GUN

•Develops up to 6000 psi •Two way loading •Rigid extension
Part No. F106.

REPLACEMENT 3-PACK GREASE TUBES

For use on a wide variety of heavy duty automotive, industrial, mining, and construction equipment. 3 oz. per tube.
Part No. B408.

12 VOLT CORDLESS GREASE GUN KIT

•For faster, more efficient lubrication •High pressure delivery up to 6500 psi •High flow rate: 5.25 ounces per minute @ 1000 psi •3-way loading: 14 oz. cartridge, 16 oz. bulk or suction loaded •Available with 1 or 2 batteries •Heavy duty carrying case includes one-hour fast charger, grease cartridge holder (grease not included), air bleeder valve, 3 ft. flexible hose and coupler
Part No. 575-A, Kit with single battery.
Part No. 575-B, Kit with dual batteries.
Part No. 339804, Replacement 12 volt battery.
Part No. 339803, Replacement 12 volt charger.
Part No. 339812, Shoulder strap for carrying case.

Hand Grease Guns — Industrial

PROFESSIONAL LEVER GREASE GUN
•Develops pressure up to 10,000 psi •Three way loading •Automatic variable stroke pressure •Delivery - 1 oz. per 21 strokes •Features air vent fitting, vinyl grip, deluxe pull handle, positive lever stop, loader fitting included •Rigid extension and coupler
Part No. 500.

PROFESSIONAL PISTOL GRIP GREASE GUN
•Develops pressure up to 5500 psi •Three way loading •Automatic variable stroke pressure •Delivery - 1 oz. per 33 strokes •Features air vent fitting, vinyl grip, deluxe pull handle, positive lever stop and loader fitting •Rigid extension and coupler
Part No. 525.

PROFESSIONAL PISTOL GRIP GREASE GUN
•Develops pressure up to 5500 psi •Three way loading •Automatic variable stroke pressure •Delivery - 1 oz. per 33 strokes •Features air vent fitting, vinyl grip, deluxe pull handle, positive lever stop and loader fitting •18" flex hose and coupler
Part No. 550.

EXTRA HEAVY DUTY GREASE GUN
10,000 psi. For all pressure gun lubricants. Three way loading: cartridge, suction fill or bulk. Equipped with loader fitting. Gun outlet: 1/8" NPTF (f). 16 oz. capacity with rigid extension and coupler. Delivers 1 oz. per 25 strokes.
Part No. 1056-SE4.

EXTRA HEAVY DUTY GREASE GUN
10,000 psi. For all pressure gun lubricants. Three way loading: cartridge, suction fill or bulk. Equipped with loader fitting. Gun outlet: 1/8" NPTF (f). 24 oz. capacity with rigid extension and coupler. Delivers 1 oz. per 25 strokes.
Part No. 1056-LE4.

SEVERE DUTY GREASE GUN
10,000 psi. High pressure gun. Delivers 1 oz. per 20 strokes. 24 oz. capacity. Extremely rugged gun for severe operating conditions. Combination spring and vacuum priming. Extra long solid lever for maximum leverage. Built-in check valve. Heavy steel linkage with replaceable pins. Zinc plated. Gun outlet: 1/4" NPTF (f). With rigid extension and coupler.
Part No. 6243-J3E.

SEVERE DUTY GREASE GUN
5000 psi volume gun. For all pressure gun lubricants. Extremely rugged gun for severe operating conditions. Combination spring and vacuum priming. Extra long solid lever for maximum leverage. Built-in check valve. Heavy steel linkage with replaceable pins. Gun outlet: 1/4" NPTF (f). 24 oz. capacity. Delivers 1 oz. per 10 strokes.
Part No. 6679-J3E.

Hand Grease Gun Accessories

GREASE GUN EXTENSION HOSE
Economical and durable hose. 12,000 psi burst pressure. 1/8" NPTF (m) ends.

PART NO.	LENGTH	WORKING PRESSURE	HOSE TYPE
317850-1	12"	4800 psi	Elastomeric
317850-1F	18"	4800 psi	Elastomeric
317850-2	24"	4800 psi	Elastomeric
317850-3	36"	4800 psi	Elastomeric

HOSE & COUPLER
•1/8" NPTF (m) •Nylon centre •4300 psi working pressure •10,000 psi burst pressure •Coupler included •Blister packaged
Part No. BP150, 12" hose.

HOSE
•3500 psi working pressure •1/8" NPTF (m) both ends •Blister packaged
Part No. BP152, 12" hose only.
Part No. BP153, 18" hose only.

ALEMITE

Manual Bulk Grease Equipment

LUBRICATOR — 3500 PSI MODEL

For all pressure gun lubricants. Equipped with 5 ft. hose and coupler assembly. Pump outlet: 3/8" NPTF (f). For 35 lb. pail. Furnished with flexible follower plate.
Part No. 7531-4.

VOLUME DELIVERY BUCKET PUMP — 500 PSI

For all oils and pressure gun lubricants. Equipped with 25 lb. capacity container. Adjustable leverage adapts pump to lubricant and operating conditions. Pump outlet: 3/8" NPTF (f).
Part No. 7181-4.

MULTI-PRESSURE BUCKET PUMPS

Variable pressure 2500 to 5000 psi for 35 lb. capacity (or 5 gallons). Adjustable for all pressure gun lubricants. Adjustable leverage (three choices) adapts pump to all lubricant and operating conditions.

7149-A4

PART NO.	INCLUDES HOSE ASSY.	HOSE LENGTH	COUPLER TYPE
7149-4	No	—	—
7149-A4	Yes	5 ft.	Hydraulic (narrow)
7149-C4	Yes	5-1/2 ft.	Hydraulic
7149-D4	Yes	5-1/2 ft.	Pin-type
7149-E4	Yes	5-1/2 ft.	Standard button head
7149-F4	Yes	5-1/2 ft.	Giant button head
7149-H4	Yes	5 ft.	Hydraulic (narrow)

WHEEL BEARING PACKERS — DRUM MOUNTED

Combination pump and wheel bearing packer. Repacks all types of wheel bearings from 19/32" I.D. to 8" O.D. All models include follower plate and drum cover. Units attach to original containers. For 35 lb. pails — includes carrying handle.
Part No. 6709-B4.

WHEEL BEARING PACKERS — BENCH TOP MODEL

Removes old grease from race and cage of roller and ball type bearings and repacks them with fresh lubricant. Handles all bearings from 3/4" I.D. to 6" O.D. Cover keeps unit clean when not in use. Mounting holes for attachment to bench. Use with hand gun or power pump.
Part No. 6598-B.

WHEEL BEARING PACKER

For use with all grease guns. Rugged plastic construction. Used for repacking wheel bearings on cars, boat trailers and RVs.
Part No. B412.

VOLUME DELIVERY LOADER PUMPS

For grease guns with Alemite loader fitting. Delivery: 1 lb. per 6 strokes. Includes loader extension.
Part No. 7537-4, For 35 lb. pail; equipped with cover and flexible follower.

Part No. 7538-4, For 120 lb. drum; equipped with cover and flexible follower.

Part No. 7539-4, For 400 lb. drum; for mounting on full open drum, order drum cover and follower separately.

7538-4

ECONOMY LOADER PUMPS

For all pressure gun lubricants. Fits 25 and 35 lb. pails. For loading hand guns equipped with Alemite loader fitting. Includes follower plate, loader coupler, and drum cover.
Part No. 7118-1.

Air Operated Grease Equipment

DRUM PUMP

Air powered; for 120 lb. drums. 50:1 pump ratio. Approximately 4.5 lbs. per minute delivery. Includes flexible follower #338802 and cover #338371.
Part No. 9950-A1.

STATIONARY DRUM PUMP

Air powered; for 120 lb. drums. High pressure standard duty. Recommended for piped installations of moderate length. 70:1 pump ratio. Approximately 2.25 lbs. per minute delivery. Includes follower #338802 and cover #338371. Air inlet 1/4" female pipe thread. Material outlet 3/8" female pipe thread.
Part No. 8540-A1.

DRUM PUMP

Air powered; for 400 lb. drums. 70:1 pump ratio. Approximately 3.25 lbs. per minute delivery. Follower #338911 not included.
Part No. 9949.

ALEMITE

Air Operated Grease Equipment

PORTABLE LUBRICATORS

Air powered mobile units feature the exclusive Alemite PML air motor for quiet operation and quick serviceability. Includes cover mounted pump, follower, 7 ft. delivery hose, Z-swivel, control handle, downtube. With built-in control handle holder on the cover. 3" diameter air motor; air inlet is 1/4" female pipe thread (connector and quick detach coupler included). Material outlet is 3/8" female. Drum not included. 50:1 pump ratio; approximately 4.5 lbs. per minute delivery. Models to meet all your lubrication needs.

Part No. 9911-A1, 50:1 grease lubricator c/w 7 ft. hose, standard control valve, cart, and 35 lb. container*.
Part No. 9911-H1, 50:1 grease lubricator c/w 7 ft. hose, standard control valve — for 35 lb. pails**.
Part No. 9911-Z1, 50:1 grease lubricator c/w 7 ft. hose, standard control valve and cart — for 35 lb. pails**.
Part No. 9951-1, 50:1 grease lubricator c/w 7 ft. hose, standard control valve and dolly — for 120 lb. drums*.
Part No. 9951-S1, 50:1 grease lubricator c/w 7 ft. hose, standard control valve — for 120 lb. drums.
Part No. 9961, 5:1 gear oil lubricator c/w 7 ft. hose, meter and volume control valve — for 16 gallon drums, uses replacement cover #338145.
Part No. 9911-1, Replacement pump and downtube only for #9911-H1, 9911-Z1.

*uses replacement follower #338802
**uses replacement follower #337665

9911-A1

9911-H1

REPLACEMENT DRUM COVERS FOR PUMPS

Part No. 323800-4, Drum cover for heavy duty pumps on 120 lb. drums.
Part No. 338163, Drum cover for PML pumps on 400 lb. drums.
Part No. 323847-4, Drum cover for heavy duty pumps on 400 lb. drums.

323800-4

338163

323847-4

ALEMITE CONTROL VALVES

•Ergonomic trigger latch allows for single button to operate latch
Part No. 6320-3, Standard grease control valve.
Part No. 7421-3, Deluxe grease control valve.
Part No. 7421-A3, Deluxe grease control valve with high-low converter.
Part No. 6438, Volume control valve.

6320-3

6438

7421-A3

SWIVELS

Permit easy handling of control valves and prevent damage to hose from twisting. Ball bearing construction.

STRAIGHT	90°	Z-TYPE	THREAD (M) X (M)	PSI RATING
B52750	B52751	B52752	1/4" NPTF x 1/2"-27	10,000
54730	-	54732	1/8" NPTF x 1/8" NPTF	10,000
B321320	-	B331107	1/4" NPTF x 1/4" NPTF	10,000
332912	-	-	1/2" NPTF x 1/2" NPTF	7,000

B52750

B52752

ADAPTER

Straight type, 1/4"-28 taper thread (SAE-LT) (m) x 1/8" NPTF (f).
Part No. 51942.

ADAPTERS

Extra heavy duty high pressure connection units withstand potential pressures in lubrication. All steel components are bright zinc plated to resist corrosion. Male x male.
Part No. 43379, 1/4" NPTF x 1/2"-27 taper.
Part No. 44734, 3/8" NPTF x 1/2"-27 taper.
Part No. 42159, 1/2"-27 taper x 1/2"-27 taper.

HIGH PRESSURE COUPLED GREASE HOSE ASSEMBLIES

Designed for use in high pressure grease systems.
Part No. 317875-25, 1/4" I.D. x 25 ft. 2 wire hose assembly. 8000 psi max. work pressure; 20,000 psi min. burst pressure. Couplings: 1/2"-27 NS Tpr. (f) both ends.
Part No. 317875-50, 1/4" I.D. x 50 ft. 2 wire hose assembly. Same features as #317875-25 above.
Part No. 317878-50, 3/8" I.D. x 50 ft. 2 wire hose assembly. 6400 psi max. work pressure; 16,000 psi min. burst pressure. Couplings: 1/2"-27 NS Tpr. (f) both ends.

VISI-LUBE AUTOMATIC LUBRICATOR

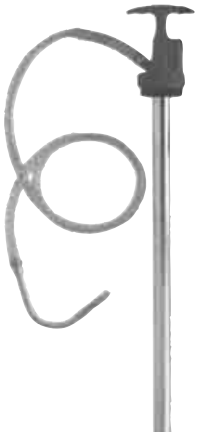
Automatically controls grease flow. Refillable through standard hydraulic grease fitting. Threaded base 1/8" NPTF (m). Contains no chemicals or gases. Allows grease level to be checked at a glance. Sturdy one-piece steel base and core. Safety vents prevent overfilling. Handles grease up to NLGI No. 3. Operating temperature: -40°F to 150°F. Capacity is 2.2 cubic inches. Threaded base 1/8" NPTF (m). Length: 3¼". Includes three variable pressure springs.
Part No. B1741-A.

STRAINERS

Ensures clean lubricant. Filter elements are readily accessible for cleaning. 1/2" NPTF (f) inlet.
Part No. 380372-A1, Oil type.
Part No. 380372-B1, Grease type.

HAND ROTARY PUMP
•Designed to work with a 30 or 55 gallon drum •Unit is furnished with a standard 2" bung •Delivers 1 gallon per 15 strokes
Part No. F401.

DOWN STROKE PUMP
•Fits 55 gallon drum •Includes non-drip nozzle, hose and drain back holder •Delivers 1 quart per 13 strokes
Part No. F402.



DOWN STROKE PUMP
•Fits 5 gallon container •Includes non-drip nozzle, hose and drain back holder •Delivers 1 quart per 13 strokes
Part No. F403.

PLASTIC SIPHON PUMP
•Fits 55 gallon container •Ideal for corrosives, water based fluids and light oils •Delivers up to 2 gallons per minute
Part No. F404.

PLASTIC SIPHON PUMP
•Fits 1 to 5 gallon containers •Ideal for corrosives, water based fluids and light oils
Part No. F405.

TRANSFER PUMP
•Fits from 15 - 55 gallon drums •Designed for fast transfer of lubricants, solvents, industrial chemicals, additives, and other non-corrosive liquids
Part No. F406.

GREASE GUN FILLER
•Fits up to a 35 lb. container •Includes loader valve, follower, pump, cover, loader and follower plate
Part No. F407.

ECONOMY FLUID DISPENSER
•Works with all fluid lubricants •Fits on a 25 or 35 lb. pail •All steel construction •Delivers 2.6 oz. per stroke •Includes 5 ft. hose assembly, curved nozzle and pail cover
Part No. F7117.

HAND PUMPS
•Provide economical, convenient dispensing when air operated units are not practical •Models available to handle fluids with viscosity up to SAE 140 •#8571-5 is for use with ATF and includes filter
Part No. 6796, Hand transfer pump for 16 - 55 gallon drums.
Part No. 6796-L, Hand transfer pump for 250 gallon oval tanks.
Part No. 8570-5, Hand transfer pump for 16 gallon drums.
Part No. 8571-5, Portable gear oil hand pump with meter, control nozzle and dolly.

6796

8571-5

DIAPHRAGM TRANSFER PUMP
Handles an extensive variety of petroleum products for industry, farm, or construction. Delivery: 20 gallons per 100 strokes. Self-venting. Adjustable bung adapter allows adjustment of pump to any radial position. Made of heavy duty cast aluminum. Built-in strainer and vacuum breaker. Fits 16 and 55 gallon containers.
Part No. 6797.

SUCTION GUN
•16 oz. capacity •Flexible vinyl hose included •Suitable for all purpose draining of non-corrosive lubricants
Part No. F105.

Air Operated Fluid Equipment

MEDIUM PRESSURE PML FLUID DISPENSING STUB PUMPS

Features quiet air motor and quick serviceability. Easily handles fluids up to SAE 140. Includes 2" bung adapter for drum or tank mounting. 1/4" NPTF (f) air inlet.
Part No. 9916-A, Stub pump, 1:1 pump ratio, approximately 16.5 gpm delivery.
Part No. 9918-A, Stub pump, 3:1 pump ratio, approximately 9 gpm delivery.
Part No. 9968, Stub pump, 5:1 pump ratio, approximately 7 gpm delivery.
Part No. 338642, Stub pump, 5:1 pump ratio, with down tube, connecting hardware, and air controls.
Part No. 325749, Wall bracket for stub pumps. Has 2" NPTF bung mount.

9968

325749

338635

OIL PUMP COMPLETE PACKAGE

Ideal for motor oils and hydraulic oils in smaller garages and shops. Fits a 55 gallon container. Package includes a 1:1 ratio PML pump and a pump mount dispensing valve which allows ready withdrawal of needed amount of product. An air pressure regulator and gauge are included to protect the pump and ensure long, trouble-free operation. This is the perfect system where reels and metered dispensing are not required. Package is complete with all necessary connecting hardware. Includes a spigot for pail or measuring can filling. An ideal low cost package for lower volume customers.
Part No. 338635.

ALEMITE

LOW PRESSURE TRANSFER PUMPS - FOR SPECIAL APPLICATIONS

Designed for both high volume transfer and dispensing a variety of low viscosity fluids. The recommended application is shown for each pump.

PART NO.	APPLICATION	TYPE	PUMP RATIO	AIR INLET	MAT'L INLET/ OUTLET	APPROX. DEL/MIN**
7216-4	Light oils - fits 55 gal. drums	Piston	1:1	1/4"	1-1/2" x 1"	14 gal.
7880-C1*	Coolant, windshield washer fluid	Piston	2.5:1	1/4"	1" x 3/8"	4 gal.

* Stainless steel pump tube with Teflon™ packing
** Approximate delivery per minute free flow

7216-4

7880-C1

•PNEUMATIC RAM OIL PUMP (STATIONARY)

RAM pumps are rugged enough to withstand even the most extreme conditions and handle your most challenging oil applications with ease. The pump resist the effects of freezing.

PART NO.	MATERIAL INLET	MATERIAL OUTLET	PUMP RATIO	DELIVERY	AIR INLET
9920	1" NPTF(F)	1" NPTF(F)	1:1	20 gpm	1/4"

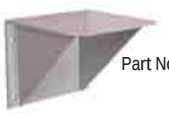
•DIAPHRAGM PUMPS

Designed for both high volume transfer and dispensing a variety of low viscosity fluids. These high volume pumps transfer used oil to storage tanks quickly, and are designed to handle the abrasive materials that can be contained in used oil. All diaphragm pumps are equipped with an air connector and quick detach air coupler. 3/8" models have an inlet and outlet that swivels, allowing installation in any position.

8202

8202-A

PART NO.	BODY MATERIAL	AIR INLET	MAT'L INLET/ OUTLET	DELIVERY	WEIGHT
8202	Polpropylene	3/8"	1/2"	14 gpm	10 lb.
8202-A	Aluminum	3/8"	1/2"	14 gpm	15 lb.
8203	Aluminum	3/8"	1"	35 gpm	31 lb.
8204	Aluminum	1/2"	1-1/2"	72 gpm	68 lb.


Part No. 338789, Bracket for mounting #8202 or #8202-A on wall.

8203

8204

NON-METERED CONTROL VALVES

For dispensing light viscosity fluids. 1/2" inlet.

PART NO.	EXTENSION	NON-DRIP TIP
7492	Rigid	Automatic w/ manual lock
7498	Rigid	Automatic
7498-A	Flexible	Automatic
7498-C	Rigid	Manual (High Volume)
7836-C1	N/A	N/A

7492

7498

7836-C1

FLUID DISPENSING VALVE

For use with 1:1 ratio pumps. Dispensing valve attaches directly to pump fluid outlet. Permits easy filling of oil containers from drums or tanks. Includes non-drip tip and fluid diffuser to minimize splashing. Fluid inlet is 3/4" NPTF (m).
Part No. 7480-1.

EQUIPMENT PACKAGE — SINGLE PRODUCT

Includes oil bar housing, dispensing valve, 2 ft. connecting hose, union, reducing elbow, and petcock. Note: Pump required.
Part No. 325761.

Oil bar dispensing valve.
Part No. 7481-1.

EQUIPMENT PACKAGE — TWO PRODUCTS

Includes oil bar housing, 2 dispensing valves, (2) 2 ft. connecting hoses, 2 unions, 2 reducing elbows, and petcock. Note: Pump required.
Part No. 325762.

OIL, GEAR, ATF METER CONTROL VALVES

Ergonomic trigger latch allows for single button to operate latch. Complete with both totalizer and odometer. Fluid controls have non-drip nozzles.
Part No. 3681-D, Stationary - 10L meter for oil/gear/ATF.
Part No. 3683-D1, Gear lube meter - 10L c/w rigid ext. auto non-drip nozzle.
Part No. 3685-D1, Motor oil meter - 10L c/w rigid ext. auto non-drip nozzle.
Part No. 3685-DF, Motor oil meter - 10L c/w flexible ext. auto non-drip nozzle.
Part No. 3686-D, ATF meter - 10L c/w flexible ext. auto non-drip nozzle.
Part No. 3693-C, Motor/gear oil pre-set meter - 60L c/w rigid ext. non-drip nozzle.
Part No. 3693-AF, Antifreeze pre-set meter - 60L c/w rigid ext. non-drip nozzle.

3685-DF

3686-D

ELECTRIC METER CONTROL VALVES

Includes field replaceable battery.
Part No. 3620-A, Motor oil LCD meter c/w rigid ext. auto non-drip nozzle.
Part No. 3621-A, Motor oil LCD meter c/w flexible ext. auto non-drip nozzle.
Part No. 3622-A, ATF LCD meter c/w flexible ext. auto non-drip nozzle.
Part No. 3623-A, Gear lube LCD meter c/w rigid ext. auto non-drip nozzle.
Part No. 3630-A, Stationary - LCD meter for oil/gear/ATF.

3620-A

LUBRICATION CONSOLE

The lubrication console can store up to six metered control valves. Two additional openings allow for air, water and/or windshield washer fluid. The lubrication console is designed to be used in quick lubes with equipment staged in the basement area. Supply hoses run through the floor to the lubrication console. Order brackets separately as listed below.
Part No. 8100, Lubrication console.
Part No. 338974, Kit for mechanical meters (3680 series).
Part No. 339167, Kit for LCD meter and non-meter valves (3620 series, 7492, 7498 series).

Reels

HEAVY DUTY HOSE REELS

Used on production lines for: •Engine, gear box and transmission fills •Vehicle service facilities •Marine maintenance •Rental car service •Assembly lines •Quick lubes •Bare hose reels will accommodate 30 to 50 ft. of ½" hose or 70 ft. of 3/8" hose
Bare Reel Only:
Part No. 7334-B, Reel only. 6000 psi maximum pressure. Used for grease.
Part No. 7335-B, Reel only. 2000 psi maximum pressure. Used for oil/ATF.
Part No. 7336-B, Reel only. 300 psi maximum pressure. Used for air/water.
Hose Reel with Hose:
Part No. 8078-E, Reel with 30 ft. hose. 300 psi maximum pressure. Used for air/water.
Part No. 8078-F, Reel with 50 ft. hose. 300 psi maximum pressure. Used for air/water.

SEVERE DUTY HOSE REELS

These reels include all the advantages of heavy duty reels plus added features to deliver durability under the most rigorous uses. •Weather resistant design gasket and o-ring seals •Plated and sealed bearings •Heavy duty 1/4" base •Removable rollers •Accommodates 30 ft., 50 ft., and 70 ft. hose lengths
Uses: •Lube trucks •Mining •Agriculture •Construction sites •Exterior applications
Bare Reel Only:
Part No. 7334-C, Reel only. 6000 psi maximum pressure. Used for grease.
Part No. 7335-C, Reel only. 2000 psi maximum pressure. Used for oil/ATF.
Part No. 7336-C, Reel only. 300 psi maximum pressure. Used for air/water.
Hose Reel with Hose:
Part No. 8078-HA, Reel with 50 ft. hose.

HOSE STOP

Stops hose at desired length. Fits hoses from 0.318" to 0.846" I.D.
Part No. 337437.

Bulk Oil Packages

1,111 LITRE BENCH TANK PACKAGE

•Work top bench tank built with 10 gauge steel •5:1 RAM pump for quiet operation and easy serviceability •Heavy duty hose reel •Pump and reel allow for remote mounting of hose reel over service bay

Part No. 1000, With 30 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1000-E, With 30 ft. heavy duty hose reel, LCD meter control valve.
Part No. 1010, With 50 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1010-E, With 50 ft. heavy duty hose reel, LCD meter control valve.
Part No. 1011, With 50 ft. heavy duty hose reel, 60L pre-set control valve.

803 LITRE BENCH TANK PACKAGE

•Work top bench tank built with 10 gauge steel •5:1 RAM pump for quiet operation and easy serviceability •Heavy duty hose reel •Pump and reel allow for remote mounting of hose reel over service bay

Part No. 1040, With 30 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1040-50, With 50 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1040-50E, With 50 ft. heavy duty hose reel, LCD meter control valve.
Part No. 1041-50, With 50 ft. heavy duty hose reel, 60L pre-set control valve.

475 LITRE BENCH TANK PACKAGE

•Work top bench tank built with 10 gauge steel •5:1 RAM pump for quiet operation and easy serviceability •Heavy duty hose reel •Pump and reel allow for remote mounting of hose reel over service bay

Part No. 1050, With 30 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1050-50, With 50 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1050-50E, With 50 ft. heavy duty hose reel, LCD meter control valve.
Part No. 1051-50, With 50 ft. heavy duty hose reel, 60L pre-set control valve.

DUAL PRODUCT BENCH TANK PACKAGE — 500 LITRES EACH

•Work top bench tank built with 10 gauge steel •5:1 RAM pump for quiet operation and easy serviceability •Heavy duty hose reel •Pump and reel allow for remote mounting of hose reel over service bay •Dual product bench tank package includes two sets of equipment

Part No. 1020, With 30 ft. heavy duty hose reel, 10L meter control valve.*
Part No. 1020-50, With 50 ft. heavy duty hose reel, 10L meter control valve.*
Part No. 1020-50E, With 50 ft. heavy duty hose reel, LCD meter control valve.*

*Two sets of equipment.

OVAL TANK PACKAGES

•Oval tanks for shops with space concerns •Space saving packages include a 5:1 ratio RAM pump and control valve and hose reel

Part No. 1300, 1135 litre oval tank package. 30 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1300-50, 1135 litre oval tank package. 50 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1300-50E, 1135 litre oval tank package. 50 ft. heavy duty hose reel, LCD meter control valve.

Part No. 1320, 450 litre oval tank package. 30 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1320-50, 450 litre oval tank package. 50 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1320-50E, 450 litre oval tank package. 50 ft. heavy duty hose reel, LCD meter control valve.

Part No. 1330, 680 litre oval tank package. 30 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1330-50E, 680 litre oval tank package. 50 ft. heavy duty hose reel, LCD meter control valve.

1300

EQUIPMENT PACKAGES

•Packages are designed for pre-existing oval tanks, bench tanks, or bulk lube cubes •5:1 ratio RAM pump for quiet operation and easy serviceability •Heavy duty hose reel •Pump and reel allow for remote mounting of hose reel over service bay

Part No. 1100, Equipment package for oval tanks. 30 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1100-50, Equipment package for oval tanks. 50 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1100-50E, Equipment package for oval tanks. 50 ft. heavy duty hose reel, LCD meter control valve.

Part No. 1130-50, Equipment package for bench tanks. 50 ft. heavy duty hose reel, 10L meter control valve.
Part No. 1130-50E, Equipment package for bench tanks. 50 ft. heavy duty hose reel, LCD meter control valve.

Part No. 1448, Equipment package for lube cubes. Wall bracket, siphon kit, connecting hardware.

ALEMITE

BARE TANKS

Part No. 946841, Bench top tank, 1111 litre c/w filler cap and sight gauge; built with 10 ga. steel.
Part No. 960263, Two product bench top tank, 500 litre per section c/w filler cap and sight gauge.

Part No. 946784, Oval tank, 1135 litre c/w filler cap and sight gauge.
Part No. 960268, Oval tank, 450 litre c/w filler cap and sight gauge.
Part No. 960269, Oval tank, 680 litre c/w filler cap and sight gauge.

Part No. 960221, Replacement sight gauge for bare tanks.

WASTE OIL DRAINS & ACCESSORIES

ROLLING DRAIN

Designed for vehicle lubrication operations, these rolling drains are constructed of welded, 11 gauge steel. Drain rolls on 2" channel track (not included). Painted safety yellow. Includes 2" ball valve.
Part No. 7140, 48 gallon capacity.
Part No. 7141, 40 gallon capacity.

PORTABLE DRAIN

This waste fluid drain mounts directly to a 16 gallon drum (not included). Drain consists of cover mounted drain with telescoping tube and sturdy steel dolly. Cover has built in 3/4" cam lock adapter and suction tube for evacuation. The suction tube includes screen to prevent large particles from clogging pump. Float gauge indicates when drum is full.
Part No. 8586.

PORTABLE PEDESTAL DRAIN

Lightweight, easily moved pedestal drain with large removable bowl for quick transfer from bowl to storage tank. Bowl holds 4 gallons of used fluid. Adapter allows easy draining. Bowl outlet has oil impervious neoprene seal and hinged splash plate held in position by friction lock. Telescoping stand includes locking device.
Part No. 7682-4.

PRESSURIZED PORTABLE DRAIN

The pressurized portable drain is mounted to a 24 gallon wheel mounted tank. Features a 23" swivel mounted bowl and built in evacuation hose. Built in gauge indicates when the tank is full. Not for use with flammable or caustic fluids.
Part No. 8587-1.

PORTA-CART

Used with #7181, and 7149 series pumps. Speeds lubrication service where machines are widely separated. Reduces operator fatigue. Overall width: 18".
Part No. 6777-5.

ROUND DOLLY FOR 120 LB. DRUMS

Four free-swivelling casters provide smooth mobility. Three sturdy brackets with large thumbscrews lock 120 lb. drum securely to base. Diameter: 20".
Part No. 316315-5.

BAND DOLLY

For 16 gallon pails or 120 lb. pails. Four free-swivelling casters on adjustable band provide mobility. Drum rests on three sturdy welded platforms.
Part No. 336575-B1.

Hand Pumps & Accessories

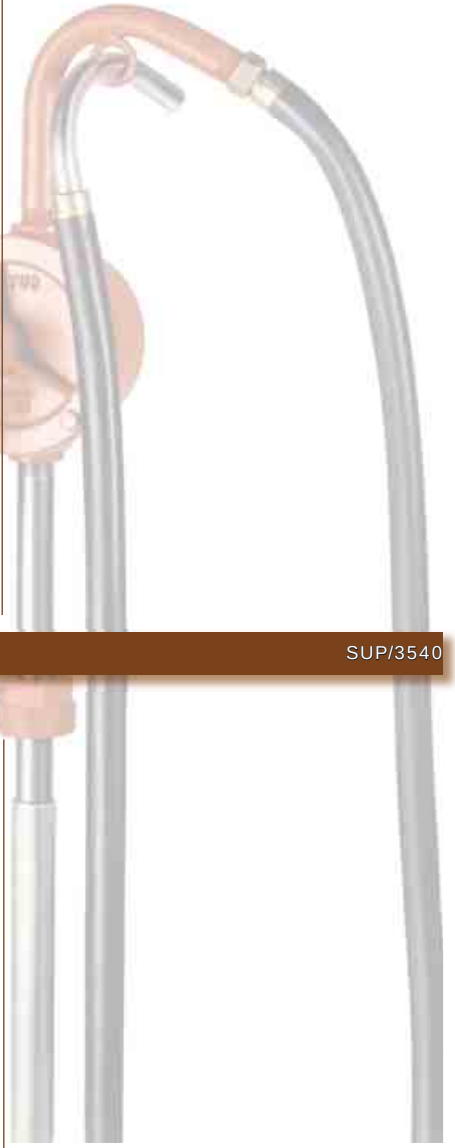
ROTARY PUMP — SLIDING BRASS VANE TYPE
Pump, bronze fitted. Capacity 1 U.S. gallon per 10 revolutions. Furnished complete with handle, discharge spout 3/4" NPT male thread, 40" suction pipe and bung adapter threaded for 2" steel drum openings.
Part No. V-110.

Neoprene hose equipped with bent spout on one end and ¾" NPT female fitting on the other for #V-110 rotary pump. ¾" x 8 ft.
Part No. V-H1P.

DIAPHRAGM PUMP — NITRILE RUBBER
Pump, lightweight diecast aluminum. Capacity 10 - 12 gpm, furnished complete with handle and 2" bung adapter on pump, 40" suction pipe and 8 ft. neoprene hose with straight spout. Suction lift up to 20 ft.
Part No. L-30A.

Replacement diaphragm for #L-30A diaphragm pump.
Part No. 244187.

MONARCH INDUSTRIES



Lubricating Equipment

LEVER OPERATED HEAVY DUTY BARREL PUMP
Two piece telescoping suction tube fits 30 to 55 gallon drums. Dispenses approximately 10 oz./stroke. Complete with standard bung adapter, tough all steel foot valve, piston valve, and standard garden hose thread discharge spout.
Part No. 55-123.

FLUID LUBRICANT PUMPS
For transfer of transmission, differential and heavier oils. Self priming. Delivers 3 oz. per stroke. Complete with 4 ft. oil resistant hose and drum pail cover. Fits open head pails/drums.
Part No. 55-440, For 5 gallon/35 lb. pail.
Part No. 55-441, For 16 gallon/120 lb. pail.

GREASE COUPLER WITH BALLCHECK
1/8" NPT 3 jaw coupler with ballcheck. Hex nut on body end.
Part No. 16730, For light/medium duty applications.
Part No. 16760, For heavy duty applications.

16730 16760

GREASE INJECTOR NEEDLE WITH GUARD
Lubricates in very tight places such as universal joints and sealed bearings. Stainless steel 18 gauge x 1-1/2" long needle. Equipped with standard grease fitting. For hand operated grease guns only.
Part No. 05-037.

360° HEAVY DUTY SWIVEL COUPLER
Swivels in full 360° circle and locks in place. 45° angle gives easy access to most grease fittings. 1/8" NPT female inlet. For use with air operated equipment. Recommended working pressure is 6,000 psi.
Part No. 05-052.

LUBRIMATIC®
Grease Guns & Accessories

HEAVY DUTY MIDGET GREASE GUN
Small, versatile gun allows for front or top pipe placement. Barrel takes 3 oz. grease cartridge or can be suction loaded. Includes push lock plunger, die cast T-handle that locks in place for loading 5½" straight grease pipe, and standard duty coupler
Part No. 30-193.

STANDARD DUTY LEVER GREASE GUN
Ideal for household and do-it-yourself automotive use. Uses standard 14 oz. cartridge. Develops up to 6,000 psi. Delivers 1 oz. of grease/40 strokes.
Part No. 30-200.

STANDARD DUTY PISTOL GREASE GUN
Easy one hand operation. 2 way loading: 14 oz. cartridge or bulk load. Head cap port for adding air bleeder or bulk loader fitting. Delivers up to 5,000 psi. Equipped with 3½" grease pipe and coupler.
Part No. 30-300.

HEAVY DUTY COUPLER
Designed for use with air powered equipment as well as hand guns. Heavy duty construction withstands higher pressures. Three hardened jaws reverse for longer coupler life. 2" long coupler with 11/16" diameter is tapped for 1/8" pipe threads. recommended working pressure is 8,000 psi.
Part No. 05-036.

STANDARD COUPLER
Standard jaw type coupler features spring loaded ball check valve. Fits all 1/8" NPT threads. For hand operated lube equipment only. Recommended working pressure is 4,500 psi.
Part No. 05-030.

SUCTION GREASE GUN
Designed for draining and filling non corrosive liquids. Barrel holds approximately one pint with 9" stroke. Features 12" plastic hose and durable corrosion resistant finish.
Part No. 30-118.

DYNALINE
Lubricating Equipment

HEAVY DUTY LEVER GREASE GUN
•Variable/short stroke for easy use in confined areas •3-way loading with air bleeder and bulk loader fitting •5-1/2" pipe extension with deluxe coupler included •Develops up to 10,000 PSI •Blue painted barrel with comfortable hand grip
Part No. 11082C.

LEVER GREASE GUN
•14 oz. grease cartridge and bulk loading •Supplied with 6" steel extension and grease coupler •Clear zinc and chrome plated finish
Part No. 11083A.

LEVER GREASE GUN
•3-way loading (14 oz. grease cartridge, bulk, filler pump) •Supplied with 6" steel extension, grease coupler and vinyl grip handle •Rugged construction •Clear zinc and chrome plated finish
Part No. 11085A.

PISTOL GRIP GREASE GUN
•3-way loading (14 oz. grease cartridge, bulk, filler pump) •Supplied with 4" steel extension, grease coupler and 12" flex hose •Rugged construction •Clear zinc and chrome plated finish
Part No. 11084A.

PISTOL GRIP GREASE GUN
•3-way loading (14 oz. grease cartridge, bulk, filler pump) •Supplied with 6" steel extension, grease coupler •Rugged construction •Clear zinc and chrome plated finish
Part No. 11087A.

MINI PISTOL GRIP GREASE GUN
•Easy to use, pistol grip grease gun •Rugged construction •Clear zinc and chrome plated finish
Part No. 11089A.

4 PC. MINI PISTOL GRIP GREASE GUN SET

•Easy to use, pistol grip grease gun •Supplied with 5" and 6" steel extensions, grease coupler and 8" flex hose •Rugged construction •Clear zinc and chrome plated finish •Uses standard 3 oz. grease cartridge
Part No. 11088A.

OIL SUCTION GUN

•Designed for the transfer of non-corrosive liquids •Displaces 18 oz. per full stroke •Supplied with 12" clear PVC hose •Rugged construction •Clear zinc and chrome plated finish
Part No. 11090A.

OIL PUMP

•Self-priming •Supplied with pail cover to fit pails up to 5 gallons, 5 ft. clear oil-resistant PVC hose curved discharge spout and vinyl grip handle •Enamel painted finish •Displaces approximately 2 oz. per stroke
Part No. 11091.

BARREL PUMP

•Designed for fast transfer of lubricants, solvents, agricultural and industrial chemicals, additives, and other non-corrosive liquids from 15 to 55 gallon drums •Rugged construction •Displaces approximately 11 oz. per full stroke •Supplied with vinyl grip handle, self-adjusting telescopic inlet tube, bung nut and removable spout (threaded for garden hose fittings) •Clear zinc and chrome finish
Part No. 11092A.

FLUID TRANSFER PUMP

•Designed for the direct transfer of gasoline, oil, and other non-corrosive fluids from one container to another •Capacity 18 oz. •Rugged construction •Supplied with two 4 ft. clear PVC hoses •Clear zinc and chrome plated finish
Part No. 11093.

ROTARY BARREL PUMP

•For non-corrosive petroleum based fluids: gasoline, kerosene, and light oils •Fits 30 gallon (100 litres) up to 55 gallon (205 litres) barrels •Delivers 1 gallon per 18 revolutions •Includes: 3 piece suction tube, metallic discharge spout with hose and standard bung bushing •Not recommended for water based fluids, solvents, acids or alkaline solutions
Part No. 11094A.

PORTABLE FLUID PUMP

•Rugged construction •5 gallon capacity drum •Hand operated pump •Supplied with durable polycarbonate wheels and dispenser hose •Enamel painted finish •For transmission fluid and heavier oils
Part No. 11097.

1/8" NPT 3-JAW COUPLERS WITH BALLCHECKS

With hex nut on body end. Available for either light/medium duty or heavy duty applications.
Part No. 11121, For light to medium duty applications.
Part No. 11125, For heavy duty applications.

11121

11125

90° ANGLE GREASE COUPLER

Can be used where space is a problem or as a general purpose grease coupler. Fits all standard grease guns.
Part No. 11081A.

DYNALINE

GREASE HOSE — THERMOPLASTIC COVER

Reinforced with nylon braid. Working temperature: -40°C to 95°C. 4500 psi safe working pressure. 1/8" NPT.
Part No. 11140, 12" length.
Part No. 11141, 18" length.

GREASE HOSE — RUBBER COVER

Reinforced with steel wire braid. Working temperature: -40°C to 95°C. 3600 psi safe working pressure. 1/8" NPT.
Part No. 11142, 12" length.
Part No. 11143, 18" length.

NEEDLE NOSE DISPENSERS/ADAPTERS

1½" needle nose dispenser.
Part No. 11075A.

4" long adapter, for hard to reach grease points. Supplied with locking sleeve to fit all couplers.
Part No. 11076.

GREASE FITTINGS

S.A.E

PART NO.	DESCRIPTION
11100	1/8" NPT - straight
11102	1/8" NPT - 45° angle
11104	1/8" NPT - 90° angle
11105	1/4" - 28 - straight
11106	1/4" - 28 long - straight
11107	1/4" - 28 - 45° angle
11109	1/4" - 28 - 90° angle
11110	1/4" NPT - straight
11112	5/16" - 24 - straight
11113	3/8" - 24 - straight

METRIC

PART NO.	DESCRIPTION
11114	M6 x 1 - straight
11115	M6 x 1 - 45° angle
11116	M6 x 1 - 90° angle
11117	M8 x 1 - straight
11118	M8 x 1 - 45° angle
11119	M8 x 1 - 90° angle
11120	M10 x 1 - straight
11126	M10 x 1 - 45° angle
11127	M10 x 1 - 90° angle

DRIVE IN

PART NO.	DESCRIPTION
11131	3/16" - straight
11132	1/4" - straight
11133	5/16" - straight
11134	3/8" - straight

45°

90°

Straight

Drive In

DYNALINE
Lubricating Equipment

Dynatray

Dynakit

ASSORTMENTS

PART NO.	DESCRIPTION
00108	Dynatray - (20) #11114, (10) #11115, (10) #11116, (15) #11117, (10) #11118, (5) #11119, (15) #11120, (10) #11126, (5) #11127
00112	Dynatray - (20) #11100, (10) #11102, (10) #11104, (30) #11105, (15) #11107, (15) #11109
00163	Dynakit - (10) #11100, (5) #11102, (5) #11104, (10) #11105, (5) #11107, (5) #11109
00181	Dynakit - (10) #11114, (5) #11115, (5) #11116, (10) #11117, (5) #11118, (5) #11119, (10) #11120
00182	Dynakit - (15) #11131, (15) #11132, (15) #11133, (5) #11134

GREASE INJECTORS
Standard (18 ga.) grease injectors - 3 pcs in a Dynapak.
Part No. 11122.

GREASE GUN HOLDER
Holds grease guns and suction guns with 2¼" diameter barrel. Easily mounts on most surfaces.
Part No. 11077.

TUBE TOTE™ FOR GREASE TUBES & CAULKING TUBES
Convenient and durable plastic box with snaptop lid. Features grip handles and twelve compartments to prevent damage and contamination. Yellow colour, 10½" H x 7½" W x 10" L.
Part No. 13000.

DOCAP
Lubricating Equipment

BARREL PUMP
•Hand operated aluminum barrel pump
Part No. 638-030.

TRANSFER PUMP
•Transfer pump with rubber hose for 20 litre drums
Part No. 638-040.

AIR OPERATED GREASE GUN
•3-way loading
Part No. 638-005.

DUTTON-LAINSON
Lubricating Equipment

GOLDENROD

HEAVY DUTY LEVER GREASE GUN
•With angle pipe and coupler •Bright zinc plated finish
Part No. 152.

HEAVY DUTY PISTOL GREASE GUN
•Can deliver 10,000 PSI pressure •3-way loading •14 oz. cartridge or 20 oz. bulk fill •Heavy duty 12" flex hose with coupler •Bright zinc plated
Part No. 160.

SUCTION GUN
•Develops powerful suction for removing old grease and oil from differentials, rear axle housings, and oil filters •3/4 pint capacity 1½" x 16" •Copper bronze finish with 10" flex nozzle
Part No. 350.

HEAVY DUTY FLEX HOSE
•12" flex hose •1/8" NPT •Male fittings on both ends
Part No. 175.

•For Hand Operated Grease Guns Only •18" flex hose •1/8" NPT
•Male fittings on both ends
Part No. 176.

GDL

Hand Pump

ROTARY VANE PUMP

•Rotary vane type fuel transfer pump
Part No. GD-790.

GREASE FITTINGS

Assorted Styles

PART NO.	DESCRIPTION	CROSSOVER				
		GOULD	SUPER	ALEMITE	LINCOLN	ARO
N-610	Straight 1/8 NPT	NA-6511	610	1610	5000	6000
N-607	Straight 1/8 NPT long	NA-6515	SP-207	1607	5003	6001
N-728	Straight 3/16 drive	NA-6537	SD-301	-	-	-
N-743	Straight 1/4 drive	NA-5766	SD-408	1743	5029	6056
N-627	Straight 1/4 NPT	NA-5721	627	1627	5050	6026
N-641	Straight 1/4-28 thread	NA-6520	641	1641	5010	6009
N-652	Straight 1/4-28 long	NA-6510	698	1680	5013	-
N-688	45° 1/8 NPT	NA-6523	688	1688	5200	6005
N-636	45° 1/4-28	NA-6545	636	1636	5212	6012
N-612	67° 1/8 NPT	NA-6513	612	1612	5300	6006
N-629	67° 1/4 NPT	NA-6535	629	1629	5350	6028
N-613	90° 1/8 NPT	NA-6514	613	1613	5400	6007
N-911	90° 1/4-28	NA-6522	638	1911	5410	6013
N-184	1/8 NPT standard button head	ND-9600	BP-200	A-1184	5700	2087
N-186	1/4 NPT standard button head	ND-6192	BP-400	A-1186	5705	6035
N-823	1/4 NPT giant button head	ND-6152	-	1823	5750	6039
N-825	3/8 NPT giant button head	ND-6153	-	1822A	5755	6040
N-40	Straight metric 10 mm					
N-41	Straight metric 8 mm					
N-42	Straight metric 6 mm					
NC-40	90° metric 10 mm					
NC-41	90° metric 8 mm					
NC-42	90° metric 6 mm					
ND-40	45° metric 10 mm					
ND-41	45° metric 8 mm					
ND-42	45° metric 6 mm					

Straight

45°

90°

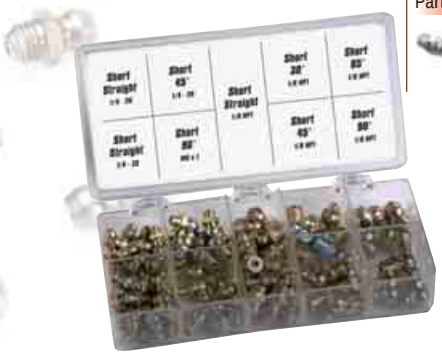
Button head

STANDARD GREASE FITTING ASSORTMENT

Standard grease fitting assortment - 100 of the most popular grease fittings in 7 sizes w/ plastic divided box.
Part No. NA-100.

METRIC GREASE FITTINGS ASSORTMENT

Metric grease fitting assortment - 120 of the most popular metric grease fittings in 9 sizes w/ plastic divided box.
Part No. NA-120.



WHIP ENDS

1/8" NPT.
Part No. 4318-12, 12" whip end.
Part No. 4318-18, 18" whip end.
Part No. 4318-24, 24" whip end.
Part No. 4318-36, 36" whip end.

NEW!!

MINI GREASE GUN
•Allows easy one hand operation for especially confined areas •Pistol grip action •Uses 3 oz. grease cartridges
Part No. W54200.

LEVER GREASE GUN
•A rugged medium duty gun perfect for general use •Uses standard 14 oz. grease cartridges
Part No. W54201.

PROFESSIONAL LEVER GREASE GUN
•Professional quality gun for the demanding user •Short stroke lever action for easy use in tight spaces •Air bleeder valve eliminates air lock •Comfortable handle grip •Uses standard 14 oz. grease cartridges
Part No. W54202.

ECONOMY LEVER GREASE GUN
•Black matte painted finish •Knurled barrel for secure grip •Short stroke lever action for easy use in tight spaces •Uses standard 14 oz. grease cartridges
Part No. W54203.

PISTOL GRIP GREASE GUN
•Professional quality gun for the demanding user •Pistol grip action for easy use •Air bleeder valve eliminates air lock •Uses standard 14 oz. grease cartridges
Part No. W54204.

SUCTION GUN
•Perfect for transmissions, differentials, gear cases, lower units, crankcases, etc •No priming necessary •Chrome plated, thick wall barrel, knurled for secure grip •Die cast zinc head cap •12" flexible hose •1 pint capacity
Part No. W54220.

AIR GREASE GUN
•Great for automotive, workshop and marine applications
Part No. M582DB.

MECHANICS

REPAIR KIT
•Repair kit for #M582DB
Part No. M582K.

10" FLEX HOSE
•For air grease guns •4,500 PSI working pressure - 12,000 PSI burst
Part No. M583C.

HEAVY DUTY FLEX HOSE
•Working pressure 4,500 PSI •Burst pressure 12,000 PSI •1/8" NPT
Part No. W54210, 12" hose.
Part No. W54211, 18" hose.

FLEX HOSE
•Working pressure 3,000 PSI •Burst pressure 10,000 PSI •1/8" NPT
Part No. W54221, 12" hose.
Part No. W54222, 18" hose.

GREASE INJECTOR NEEDLE
•18 ga. tempered stainless steel •Can be easily inserted under or through bearing seals •Includes protective cover •Maximum working pressure 3,000 PSI •For use with hand grease guns only
Part No. W54213.

LEVER ACTION DISPENSER
•Perfect for dispensing transmission and other heavier fluids •Contains: pump, 4 ft. delivery hose and bucket/barrel cover
•Fits most 25 to 50 lb. buckets
Part No. W54232.

4" NEEDLE NOSE ADAPTER
•Dispenses a fine line of grease to confined areas •Includes large and small sleeve to fit standard couplers •Great for 4WD (CV) universal joints •Maximum working pressure 3,000 PSI •For use with hand grease guns only
Part No. W54216.

GREASE GUN COUPLER
•Fits most hand operated grease guns •1/8" NPT •Maximum working pressure 3,000 PSI •For use with hand operated grease guns only
Part No. W54212.

Performance Tool®

SEAL OFF DISPENSER
•For use with grease plugs •Fits all standard grease gun hoses and extensions •Maximum working pressure 3,000 PSI •For use with hand operated grease guns only
Part No. W54214.

8 pc GREASE FITTING ASSORTMENT
•Contains the following fittings: 4 straight, 2 - 45°, 2 - 90°
Part No. W54217, SAE - 1/4" x 28 threads.
Part No. W54218, Metric - 6 mm x 1 threads.

THEXTON

LUBE TUBE EXTENSION KIT

•Extra reach and leverage for difficult fittings •Nine inch extension reaches grease fittings in restricted or limited access areas •Molded handle provides leverage for fitting grease coupler on and removing from difficult fittings •Includes right angle grease coupler and a standard grease coupler. Standard zerk in handle fits all grease guns.
Part No. 471.

RIGHT ANGLE GREASE COUPLER

•Fits grease fittings in confined areas, such as lower ball joints •Specially designed seal and slot in coupler housing provides 90° access into areas with minimal clearance •Fits all standard grease guns •Can be used as general purpose grease coupler
Part No. 418.

PROFESSIONAL LUBRICATION KIT

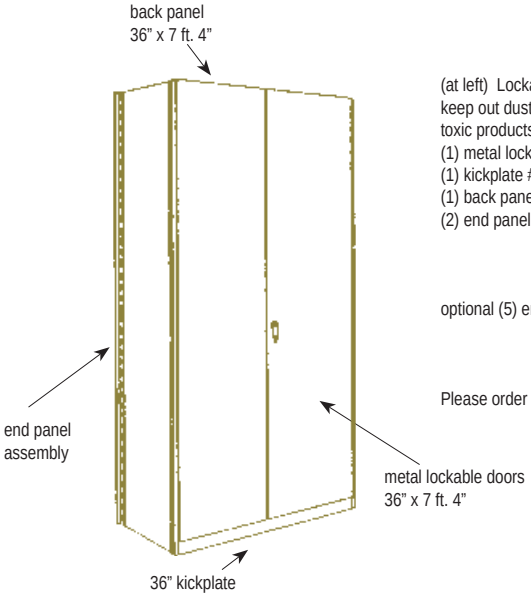
•Three piece lubrication kit allows reaching zerks in the most confined area (i.e. lower ball joints on front wheel drive cars, inner tie rod end, etc.) •Use with any standard grease gun •Includes: right angle grease fitting coupler, heavy duty 12" flexible hose extension with 1/8" NPT fittings, and quick change adapter
Part No. 444.

Section F

Warehouse & Material Handling Equipment & Business/Office Supplies

CELEBRATING 40 YEARS
40
1968
Gregg
2008

METALWARE
Interlok No-Bolt Shelving



(at left) Lockable Door Shelving Units - provide security, keep out dust and plant grime, ideal for storage of paint and toxic products. Unit contains:
(1) metal lockable door #MD-36-88
(1) kickplate #MKP-36
(1) back panel # MBP-36-88
(2) end panel assemblies,
choose: 12", #MEP-12-88
18", #MEP-18-88
24", #MEP-24-88
optional (5) enamel finish shelves
choose: 12", #MS-12-36
18", #MS-18-36
24", #MS-24-36
Please order by individual part numbers.

Designed And Constructed For...
•STRENGTH: The ultimate in strength and rigidity has been obtained by the wedge type combination of shelf and brackets.
•ECONOMY: Assembly cost is a vital factor. Interlok No-Bolt eliminates obsolete methods of assembly. Nuts, bolts, and tools are not used, saving up to 80% of assembly time.
•EFFICIENCY: Shelves can easily be rearranged, and are fully adjustable without dismantling. Interlok is the only shelving completely assembled in an upright position.

SHELVES
Metalware baked enamel finish shelf c/w 4 clips. Variety of sizes.
Part No. MS-12-36, 12" x 36".
Part No. MS-15-36, 15" x 36".
Part No. MS-18-36, 18" x 36".
Part No. MS-24-36, 24" x 36".
Part No. MS-12-48, 12" x 48".
Part No. MS-15-48, 15" x 48".
Part No. MS-18-48, 18" x 48".
Part No. MS-24-48, 24" x 48".

UPRIGHTS
4" T uprights. 3 sizes.
Part No. MU-76, 6 ft.
Part No. MU-88, 7 ft.
Part No. MU-100, 8 ft.

SIDE & BACK BRACES
Sold as pairs.
Part No. MPSB, Side braces (pair).
Part No. MPBB, Back braces (pair).

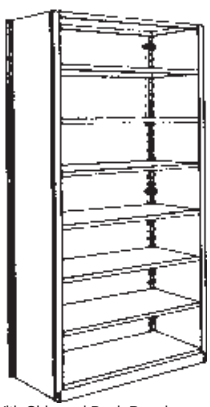
GUSSETS
Sold as pairs.
Part No. MG, Metalware gussets (pair).

END PANEL ASSEMBLIES
4" end panel assembly. Variety of sizes.
Part No. MEP-12-76, 12" x 6 ft.
Part No. MEP-12-88, 12" x 7 ft.
Part No. MEP-12-100, 12" x 8 ft.
Part No. MEP-15-76, 15" x 6 ft.
Part No. MEP-15-88, 15" x 7 ft.
Part No. MEP-15-100, 15" x 8 ft.
Part No. MEP-18-76, 18" x 6 ft.
Part No. MEP-18-88, 18" x 7 ft.
Part No. MEP-18-100, 18" x 8 ft.
Part No. MEP-24-76, 24" x 6 ft.
Part No. MEP-24-88, 24" x 7 ft.
Part No. MEP-24-100, 24" x 8 ft.

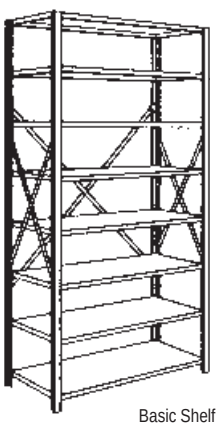
BACK PANELS
4" back panel. Variety of sizes.
Part No. MBP-36-76, 36" x 6 ft.
Part No. MBP-36-88, 36" x 7 ft.
Part No. MBP-36-100, 36" x 8 ft.
Part No. MBP-48-76, 48" x 6 ft.
Part No. MBP-48-88, 48" x 7 ft.

LOCKABLE DOORS
4" lockable doors. 2 sizes.
Part No. MD-36-76, 36" x 6 ft.
Part No. MD-36-88, 36" x 7 ft.

ATTACHING CLIPS
Part No. MBBC, Back to back clips.
Part No. MSC, Shelf clips.



With Side and Back Panels



Basic Shelf System

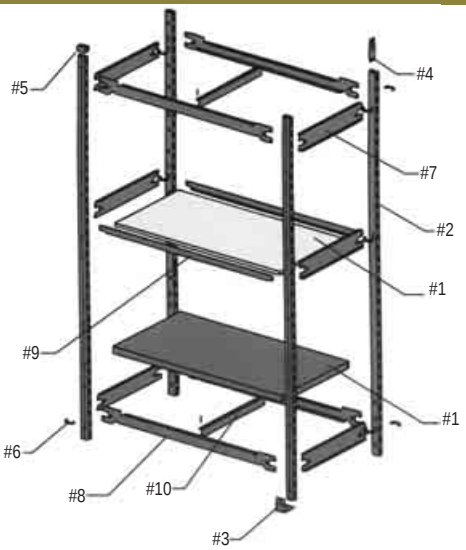
KICKPLATES
In 2 sizes.
Part No. MKP-36, 36" kickplate.
Part No. MKP-48, 48" kickplate.

E-Z-Rect® Shelving

Only 4 Basic Components...
For a complete shelving unit that's just for you:

1. Post
2. Post Connectors (connects 2 posts to make an end frame)
3. Frame Connectors (joins end frame together and supports steel or particle board shelf)
4. Shelf (available in steel or particle board)

A full range of accessories to suit any specific requirement. Instant adjustment on 2" centres to desired shelf level. Attractively finished in standard grey electrostatic baking enamel.



#(1) Shelf (Steel or Wood)
#(2) Post
#(3) Floor Plate
#(4) Post Splicer
#(5) Post Cap
#(6) Connecting Locking Clip
#(7) Post Connector
#(8) Frame Connector
#(9) V Beam
#(10) Beam Tie Support available to fit both 1-7/8" & 2-3/8"

STEEL SHELF (#1)

Part No. SS-12X36, 12" x 36".
Part No. SS-12X48, 12" x 48".
Part No. SS-15X42, 15" x 42".
Part No. SS-18X36, 18" x 36".
Part No. SS-18X48, 18" x 48".
Part No. SS-24X36, 24" x 36".
Part No. SS-24X48, 24" x 48".

PARTICLE BOARD SHELF (#1)

Part No. PBS-36X12, 36" x 12".
Part No. PBS-36X15, 36" x 15".
Part No. PBS-36X18, 36" x 18".
Part No. PBS-36X24, 36" x 24".
Part No. PBS-36X30, 36" x 30".
Part No. PBS-36X36, 36" x 36".
Part No. PBS-42X15, 42" x 15".
Part No. PBS-42X30, 42" x 30".
Part No. PBS-48X12, 48" x 12".
Part No. PBS-48X15, 48" x 15".
Part No. PBS-48X18, 48" x 18".
Part No. PBS-48X24, 48" x 24".
Part No. PBS-48X30, 48" x 30".
Part No. PBS-48X36, 48" x 36".
Part No. PBS-48X48, 48" x 48".
Part No. PBS-60X12, 60" x 12".
Part No. PBS-60X18, 60" x 18".
Part No. PBS-60X24, 60" x 24".
Part No. PBS-60X30, 60" x 30".
Part No. PBS-60X36, 60" x 36".
Part No. PBS-60X48, 60" x 48".
Part No. PBS-72X12, 72" x 12".
Part No. PBS-72X18, 72" x 18".
Part No. PBS-72X24, 72" x 24".
Part No. PBS-72X30, 72" x 30".
Part No. PBS-72X36, 72" x 36".
Part No. PBS-72X48, 72" x 48".
Part No. PBS-96X12, 96" x 12".
Part No. PBS-96X18, 96" x 18".
Part No. PBS-96X24, 96" x 24".
Part No. PBS-96X30, 96" x 30".
Part No. PBS-96X36, 96" x 36".
Part No. PBS-96X48, 96" x 48".

POST (#2)

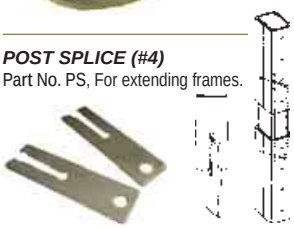
Part No. P-72, 72" post.
Part No. P-84, 84" post.
Part No. P-96, 96" post.
Part No. P-120, 120" post.
Part No. P-144, 144" post.

FLOOR PLATE (#3)

Part No. FP, Protection for floors.

POST SPLICE (#4)

Part No. PS, For extending frames.



TOP OR BOTTOM CAP (#5)

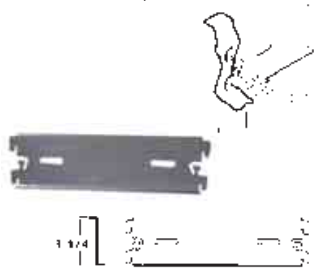
Part No. TC, Black plastic top or bottom cap.

CONNECTING LOCKING CLIP (#6)

Part No. CLC, Lock clip.

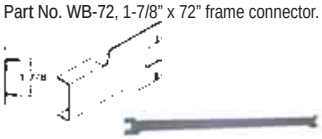
POST CONNECTOR (#7)

Features new easy-to-lock or unlock post connector. Use a common screwdriver or chain saw wrench to twist locking tab. Variety of sizes.
Part No. PC-12, 12" post connector.
Part No. PC-15, 15" post connector.
Part No. PC-18, 18" post connector.
Part No. PC-24, 24" post connector.
Part No. PC-30, 30" post connector.
Part No. PC-36, 36" post connector.
Part No. PC-42, 42" post connector.
Part No. PC-48, 48" post connector.



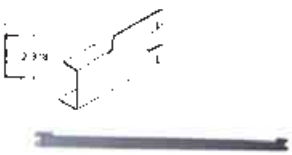
MEDIUM DUTY 1-7/8" FRAME CONNECTOR (#8)

Part No. WB-36, 1-7/8" x 36" frame connector.
Part No. WB-42, 1-7/8" x 42" frame connector.
Part No. WB-48, 1-7/8" x 48" frame connector.
Part No. WB-60, 1-7/8" x 60" frame connector.
Part No. WB-72, 1-7/8" x 72" frame connector.



HEAVY DUTY 2-3/8" FRAME CONNECTOR (#8)

Part No. HDB-60, 2-3/8" x 60" frame connector.
Part No. HDB-72, 2-3/8" x 72" frame connector.
Part No. HDB-96, 2-3/8" x 96" frame connector.

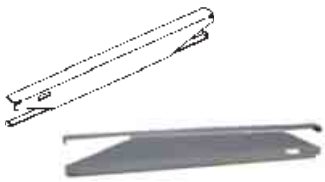


LIGHT DUTY V-BEAM (#9)

Part No. PBV-36, 36" light duty V-beam.
Part No. PBV-42, 42" light duty V-beam.
Part No. PBV-48, 48" light duty V-beam.

COMBINATION TIE BAR/SHELF SUPPORT (#10)

Part No. WT-18, 18" beam tie shelf support.
Part No. WT-24, 24" beam tie shelf support.
Part No. WT-30, 30" beam tie shelf support.
Part No. WT-36, 36" beam tie shelf support.
Part No. WT-42, 42" beam tie shelf support.
Part No. WT-48, 48" beam tie shelf support.



PLANO
Shelving Systems

HEAVY DUTY DURA-SHELF™ VENTILATED SHELVING

•Heavy duty shelving ideal for garage, basement, or shed storage •Ventilated shelves keep items dry and odour free •Won't rust, chip, crack, or peel •Dark grey colour •5 ventilated shelves - 36" x 24" •Assembled size: 24"D x 36"W x 74"H •Unit holds 150 lbs. per shelf/750 lbs. per unit (weight evenly distributed)
Part No. 919.

HEAVY DUTY DURA-SHELF™ VENTILATED SHELVING

•Heavy duty shelving ideal for garage, basement, or shed storage •Ventilated shelves keep items dry and odour free •Won't rust, chip, crack, or peel •Dark grey colour •5 ventilated shelves - 36" x 18.25" •Assembled size: 18.25"D x 36"W x 74"H •Unit holds 150 lbs. per shelf/750 lbs. per unit (weight evenly distributed)
Part No. 9365.

GDL
Display Pegboard & Slatwall Hooks

FASTBACK® HOOKS

Fastbacks® are the easiest way to peg merchandise, they work directly under shelves and existing merchandise. Fastbacks® are the strongest plastic back hooks available. Fastbacks® do not have to be taken apart, they are easy to install. Fastback® hooks come with a safety ball tip. Heavy duty with galvanized finish.
Part No. R23-4, 4"L x .224" Dia.
Part No. R23-6, 6"L x .224" Dia.
Part No. R23-8, 8"L x .224" Dia.
Part No. R23-9, 9"L x .224" Dia.
Part No. R23-10, 10"L x .224" Dia.
Part No. R23-12, 12"L x .224" Dia.

FASTBACK® LOOP HOOKS

•Safety end •Stabilizes unbalanced products •Center pocket allows easy conversion to scanning •Works in 1/4" perforated paneling and slatwall •Standard duty •Galvanized finish
Part No. R28-4, 4"L x .149" Dia.
Part No. R28-6, 6"L x .149" Dia.
Part No. R28-8, 8"L x .149" Dia.

CHROME SLATWALL HOOKS

•High quality chrome finish •Large back plate for extra support •Designed to fit all types of slatwall and slatgrid
Part No. RSWC-4-224, 4"L x .224" Dia.
Part No. RSWC-6-224, 6"L x .224" Dia.
Part No. RSWC-8-224, 8"L x .224" Dia.
Part No. RSWC-10-224, 10"L x .224" Dia.
Part No. RSWC-12-224, 12"L x .224" Dia.

SLATWALL HOOKS

•Large back plate for extra support •Designed to fit all types of slatwall and slatgrid •Galvanized finish
Part No. RSW-4-186, 4"L x .186" Dia.
Part No. RSW-6-224, 6"L x .224" Dia.
Part No. RSW-8-224, 8"L x .224" Dia.
Part No. RSW-9-224, 9"L x .224" Dia.
Part No. RSW-10-224, 10"L x .224" Dia.

SLATWALL LOOP HOOKS

•Safety end •Stabilizes unbalanced products •Designed to fit all types of slatwall and slatgrid •Large back plate for extra support •Galvanized finish
Part No. RSW-4-LP, 4"L x .149" Dia.
Part No. RSW-6-LP, 6"L x .149" Dia.
Part No. RSW-8-LP, 8"L x .149" Dia.

INDUSTRIAL CEILING FANS

Designed to circulate air in industrial and commercial applications, these fans help save energy year round. Thermally protected PSC type variable speed motor with permanently lubricated bearings, painted steel blades with curved ends. White.

Part No. CP56C&P, 56" downdraft only fan with cord, plug, and 16" downrod.

Part No. CP56F&R, 56" up/downdraft fan with loose wire and 16" downrod.

Part No. CP56S, 56" up/downdraft fan with loose wire and 36" downrod.

INDUSTRIAL CEILING FAN CONTROLS & ACCESSORIES

Manual variable speed controls are designed for use with CP fans and have an infinite speed control and minimum speed adjustment to allow the end user to set the speed.

Part No. MC3, Ceiling fan control - 2 fans maximum.

Part No. MC5, Ceiling fan control - 4 fans maximum.

Part No. MC10, Ceiling fan control - 8 fans maximum.

Part No. MC15, Ceiling fan control - 12 fans maximum.

Part No. FRMC5, Reversible ceiling fan control - 4 fans maximum.

Part No. CP93-56, 56" industrial wire fan guard.

MC- control

FRMC5

PORTABLE & WAREHOUSE FANS

Portable fans are constructed of 18 gauge powder coated steel housing, and feature a durable heavy duty totally enclosed bearing motor and an 8 foot grounded power cord. Warehouse fans feature a 1/4 HP, 3 speed motor.

Part No. HVF12F, 12" high velocity portable floor fan.

Part No. HVF20F, 20" high velocity portable floor fan.

Part No. CA20W-C, 20" wall mounted fan.

Part No. CA30W-C, 30" wall mounted fan.

Part No. CA20POSC-C, 20" floor pedestal oscillating fan.

Part No. CA30POSC-C, 30" floor pedestal oscillating fan.

Part No. CCUP20, 20" high velocity pedestal floor fan.

Part No. PBKD30-3SPD, 30" high velocity pedestal floor fan.

HVF12F

CCUP20

OSCILLATING DESK FANS

Attractive 3-speed push button control desk fan for home, office or light commercial use. 120 volt.

Part No. CD120SP, 12" desk fan.

Part No. CD160SP, 16" desk fan.

16" OSCILLATING STAND FAN

Attractive 3-speed push button control stand fan for home, office or light commercial use. 120 volt. Assembles easily. 24" base, overall height adjustable from 44" to 54".

Part No. CD160SPS.

SHELF TRUCKS & STOCK CARTS

Practical, time saving heavy gauge steel carts for order picking or service work. Complete with 2 swivel and 2 rigid 5" urethane casters. Handle mounted on swivel end for increased mobility. Powdercoat paint finish. Capacity 500 lbs.

PART NO.	CART SIZE W x L x H	SHELF CLEARANCE	WEIGHT LBS.
1836*	18 x 36 x 34"	23"	52
2436*	24 x 36 x 34"	23"	61
1836-3**	18 x 36 x 34"	10¼"	68
2436-3**	24 x 36 x 34"	10¼"	81

*2 shelves
**3 shelves

1836 / 2436

1836-3 / 2436-3

DRUM TRUCKS

Economy Model. Straight up design holds full loads on an incline. Chime hook assembly assures snug fit for any drum-steel, fibre, or wood. Heavy duty 10" x 2½" moldon rubber wheels. Weighs 42 lbs.
Part No. 3001.

Combo Model. Allows one man to do the job of loading, unloading, and draining drums. Special chime hooks fit neatly beneath spigot without interfering with dispensing. Handles 25 gallon and 45 gallon drums. 62"H x 24½"W; 10" x 2½" and 5" x 2" molded rubber wheels. Weighs 64 lbs.
Part No. 3004.

3001

3004

TRUCKS

Two-In-One Steel Hand Truck. 8" x 2½" wheels, 3" casters. Can be used as a 55" high hand truck with 400 lb. capacity or as a 14" x 42" bed as a platform truck with a 600 lb. capacity. Powdercoat paint finish. Weighs 48 lbs.
Part No. 120.

Heavy Duty Appliance Truck I. 5" x 2" recessed wheels maneuver easily. V-belt stair roller with 3-ply strap. Ratchet adjusts 15". Powdercoat paint finish. Weighs 45 lbs.
Part No. 1504.

Appliance Truck II. Same as above unit except with 8" x 2½" semi-pneumatic wheels. Weighs 50 lbs.
Part No. 1284.

Pail Truck. Special design allows you to stack pails on this truck — curved crosspieces stop pails from sliding off. Powdercoat paint finish. Weighs 27 lbs.
Part No. 105.

120

1504

1284

STEEL PLATFORM TRUCKS

Arc-welded steel platform trucks offer lasting rigidity. Heavy gauge steel base has channel formed sides. 36" high removable handle. Powdercoat paint finish.

PART NO.	CASTER SIZE	DECK SIZE	LOADING CAPACITY	WEIGHT LBS.
S2448-8	8" x 2"	24" x 48"	2000 lbs.	90
S3060-8	8" x 2"	30" x 60"	2000 lbs.	115

HAND TRUCKS

Sturdy, all welded tubular steel trucks. Cross members are welded front and back to frame for maximum strength. Recessed wheel axle protects goods and personnel. Powdercoat paint finish.

PART NO.	WHEEL SIZE & TYPE	NOSE SIZE	OVERALL DIMENSIONS	LOADING CAPACITY	WEIGHT LBS.
HL8S	8" x 2" Semi-Pneumatic	7" x 13¾"	50"H x 19"W	500 lbs.	27
HL10P	10" x 4" Pneumatic	7" x 13¾"	51"H x 21"W	500 lbs.	29
804	10" x 4" Pneumatic	7" x 13½"	45"H x 21"W	500 lbs.	25
3051	10" x 2-1/2" Rubber	6" x 20"	52"H x 20"W	800 lbs.	54

HL8S

804

HL10P

DRUM CRADLE

Provides a safe method of up-ending 45 gallon drums for moving, draining, or storing. All welded heavy gauge tube construction c/w 4 rigid wheels. Weighs 21 lbs.
Part No. 3014.

DRUM DOLLY

All welded, 24" diameter dolly moves 45 gallon drums smoothly and easily. Turns 360° on 4 swivel casters. 1000 lb. capacity. Weighs 22 lbs.
Part No. 3040.

DRUM LIFTER

Lifts open or closed drums without tilting. Grips, holds, moves 1000 lbs. in upright position. Attach to fork lift truck, crane, or hoist. Weighs 16 lbs.
Part No. BC-1.

WELDING & MEDICAL CYLINDER TRUCKS

Narrow Medium Cylinder Truck. Designed for front to back loading. Holds acetylene up to 320 cu. ft., oxygen up to 244 cu. ft. 40"H; 9½" x 17" base, 5/8" axle, 8" x 1¾" wheels. Capacity 300 lbs. Weighs 21 lbs.
Part No. CC3.

Medium Cylinder Truck. Complete with tool tray. Holds acetylene up to 320 cu. ft., oxygen up to 244 cu. ft. Side by side loading. 9½" x 18¾" base, 5/8" axle, 8" x 1¾" sintered bearing wheels. Weighs 25 lbs.
Part No. CC4.

Large Cylinder Truck. Holds acetylene up to 365 cu. ft., propane to 100 lbs., and oxygen up to 300 cu. ft. Large tool tray and 14" x 3" wheels for large shops and construction sites. 13" x 24" base, 5/8" axle, 43"H. Capacity 800 lbs. Weighs 55 lbs.
Part No. CC5.

Part No. CC-5-16, Same as #CC5 except has 16" pneumatic wheels.

CC3

CC4

ROLLING LADDERS

All ladders are all steel, arc-welded, designed for safer, speedier warehouse stocking, order selection, and maintenance. Perforated tread design prevents slipping and prolongs ladder life. Top platforms are 30"W x 14"D on the 8-15 step ladders; and 26"W x 14"D on the 2-7 step ladders.

PART NO.	NO. OF STEPS	PLATFORM HEIGHT	WORKING HEIGHT UP TO	HAND RAIL	BASE W x L (inches)	OVERALL HEIGHT	WEIGHT LBS.
L02	2	1 ft. 6"	7 ft. 0"	No	26 x 19	1 ft. 6"	26
L03	3	2 ft. 3"	7 ft. 9"	No	26 x 25	2 ft. 3"	34
L04	4	3 ft. 0"	8 ft. 6"	No	26 x 31	3 ft. 0"	45
L04HR	4	3 ft. 0"	8 ft. 6"	Yes	26 x 31	6 ft. 6"	58
L05HR	5	3 ft. 9"	9 ft. 3"	Yes	26 x 37	7 ft. 3"	70
L06HR	6	4 ft. 6"	10 ft. 0"	Yes	26 x 42	8 ft. 0"	87
L07HRL	7	5 ft. 3"	10 ft. 9"	Yes	26 x 48	8 ft. 9"	113
L08HRL	8	6 ft. 0"	11 ft. 6"	Yes	30 x 54	9 ft. 6"	115
L09HRL	9	6 ft. 9"	12 ft. 3"	Yes	30 x 60	10 ft. 3"	135
L10HRL	10	7 ft. 6"	13 ft. 0"	Yes	30 x 66	11 ft. 0"	147
L11HRL	11	8 ft. 3"	13 ft. 9"	Yes	30 x 71	11 ft. 9"	158
L12HRL	12	9 ft. 0"	14 ft. 6"	Yes	30 x 76	12 ft. 6"	169
L13HRL	13	9 ft. 9"	15 ft. 3"	Yes	30 x 81	13 ft. 3"	184
L14HRL	14	10 ft. 6"	16 ft. 0"	Yes	30 x 87	14 ft. 0"	195
L15HRL	15	11 ft. 3"	16 ft. 9"	Yes	30 x 93	14 ft. 9"	210

*7-15 step ladders have positive locking system with manual release.

L03

L08HRL

STACKING BASKETS

Metal Stacking Basket. Helps increase productivity and maximize floor space. Specially designed cupped legs provide easy stacking and prevent floor damage. Unit is 40½" x 34½" x 32-5/8"H. Inside depth is 24¾". Under-clearance is 4¾". Half gates fold down for easy access. Capacity 3000 lbs. Weighs 115 lbs.
Part No. SCE3000.

PALLET PULLER

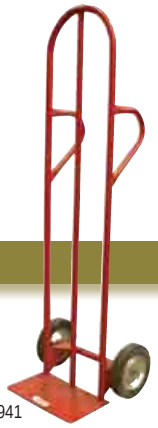
Speeds unloading by pulling loaded pallets to the edge of a dock or truck so they can be picked up with a fork lift truck. Weighs 16 lbs.
Part No. PP-100.

PROCORE
Pallet Jacks

•5500 lb. (2500 kg) rated pallet jack •Squeeze handle and foot release •Single 3" wheel on forks, dual 7" wheels on jack head •Pallet guides for easy insertion and removal from pallet •7½" (190 mm) total lift height •3" (75 mm) lowered fork height •48" (1.22 m) fork length

Part No. 53-0001, Standard width pallet jack. 27" (685 mm outside to outside fork width.
Part No. 53-0002, Narrow width pallet jack. 20½" (520 mm) outside to outside fork width.

GDL
Steel Hand Trucks



GD-940/GD-941

GD-942

Part No. GD-940, 2 wheel steel hand truck, 8" solid tires.
Part No. GD-941, 2 wheel steel hand truck, 10" solid tires.
Part No. GD-942, 2 wheel steel hand truck, 10" pneumatic tires.

R.E.P. INDUSTRIES
Catalogue Racks

CATALOGUE RACK BASE UNITS

Part No. F13-208-NW, 8" catalogue rack base only - holds maximum of 8, 1" sheet holders or 4, 2" sheet holders.

Part No. F13-212-NW, 12" catalogue rack base only - holds maximum of 12, 1" sheet holders or 6, 2" sheet holders.

Part No. F13-220-NW, 20" catalogue rack base only - holds maximum of 20, 1" sheet holders or 10, 2" sheet holders.

Part No. F13-228-NW, 28" catalogue rack base only - holds maximum of 28, 1" sheet holders or 14, 2" sheet holders.

Part No. F13-236-NW, 36" catalogue rack base only - holds maximum of 36, 1" sheet holders or 18, 2" sheet holders.

3 POST SHEET HOLDERS

Part No. F14-013, 1" capacity 3 post sheet holder.
Part No. F14-023, 2" capacity 3 post sheet holder.

RACK WINGS

Part No. F24-2TEW-LR, Pair of catalogue rack wings - bronze grey colour.

DURHAM®
Storage Products

DRAWER CABINETS

Are made of prime cold-rolled steel, and finished in rust and acid resistant grey baked enamel. Vertical supports provide strength, and embossed mounting holes allow the cabinets to be stacked. Drawers have two runners for smooth, easy travel and are prevented from being accidentally pulled out of the cabinet by a positive stop. These cabinets also feature an interlocked design, full width handles, and drawer sides that are slotted on one inch centres to hold dividers. Two high impact plastic dividers are provided with each drawer.
Part No. 002, 6 Drawer Cabinet - 33¾"W x 4"H x 11-5/8"D.
Part No. 005, 18 Drawer Cabinet - 33¾"W x 10-7/8"H x 11-5/8"D.
Part No. 007, 24 Drawer Cabinet - 33¾"W x 14-3/8"H x 11-5/8"D.
Part No. 010, Dividers for above drawer cabinets, bag of 12.
Part No. 023, Drawers for above drawer cabinets.

002

005

COMPARTMENT BOXES

Are manufactured of prime cold-rolled steel and finished in rust and acid resistant grey baked enamel. They have high impact plastic inserts with rounded scoops, making it easy to remove small parts. All models have covers designed to stay open, making it easy to access parts and read cover labels. Each box also has a handle and comes with a positive, pull down catch.
Part No. 211, 12 Small Scoop Compartment Box - 13-3/8"W x 2"H x 9¼"D.
Part No. 206, 20 Small Scoop Compartment Box - 13-3/8"W x 2"H x 9¼"D.
Part No. 204, 21 Small Scoop Compartment Box - 13-3/8"W x 2"H x 9¼"D.
Part No. 202, 24 Small Scoop Compartment Box - 13-3/8"W x 2"H x 9¼"D.
Part No. 215, Adjustable Small Scoop Compartment Box w/ nine dividers - 13-3/8"W x 2"H x 9¼"D.
Part No. 115, 12 Large Scoop Compartment Box - 18"W x 3"H x 12"D.
Part No. 113, 16 Large Scoop Compartment Box - 18"W x 3"H x 12"D.
Part No. 111, 20 Large Scoop Compartment Box - 18"W x 3"H x 12"D.
Part No. 119, Adjustable Large Scoop Compartment Box w/ nine dividers - 18"W x 3"H x 12"D.

206

115

111

COMPARTMENT BOX RACKS

Are made of prime cold-rolled steel and finished in rust and acid resistant grey baked enamel. These racks are reinforced for strength and support loaded boxes in the open position without tilting. A centre panel on each cradle supports boxes and special stops prevent units from being accidentally pulled from the rack. (Boxes sold separately.)

Part No. 307, Small Scoop Compartment Box Rack, holds 4 boxes - 15¼"W x 11¼"H x 11¾"D.
Part No. 308, Small Scoop Compartment Box Rack, holds 6 boxes - 15¼"W x 16-3/8"H x 11¾"D.
Part No. 303, Large Scoop Compartment Box Rack, holds 4 boxes - 20"W x 15"H x 15¾"D.

307

308

PLASTIC COMPARTMENT BOXES

Are made of high strength, oil resistant polypropylene, and are furnished with heavy duty reinforced hinges that have a special feature which allows the cover to stand up in the open position. Ideal for organizing, storing, and protecting a wide variety of small parts. Two snap latches assure secure closure, protection against dirt or moisture and prevent parts from moving between compartments.

Part No. SP12-CLEAR, 12 Small Plastic Compartment Box, clear - 11"W x 1¾"H x 6¾"D.
Part No. SP18-CLEAR, 18 Small Plastic Compartment Box, clear - 11"W x 1¾"H x 6¾"D.
Part No. LP12-CLEAR, 12 Large Plastic Compartment Box, clear - 13-1/8"W x 2-5/8"H x 9"D.
Part No. LP18-CLEAR, 18 Large Plastic Compartment Box, clear - 13-1/8"W x 2-5/8"H x 9"D.
Part No. LP24-CLEAR, 24 Large Plastic Compartment Box, clear - 13-1/8"W x 2-5/8"H x 9"D.

COMPARTMENT BOX RACKS

Made for the plastic compartment boxes on the previous page, are manufactured of prime cold-rolled steel and are finished in rust and acid resistant grey baked enamel. Keyhole slots are furnished for wall mounting. A handle is provided and bolt holes permit stacking. (Boxes sold separately.)

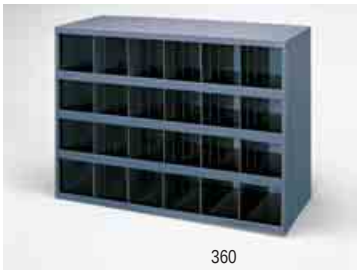
Part No. 290, Small, holds 5 SP boxes - 11¼"W x 10¾"H x 6¾"D.
Part No. 291, Large, holds 5 LP boxes - 13½"W x 13¼"H x 9-1/8"D.

290

SMALL PARTS BINS

Are produced of prime cold-rolled steel and will not twist, warp or sag. Each shelf has a fully hemmed 1-1/8" turn on the front providing space to hold labels. Dividers are hemmed in a tear drop design to avoid sharp edges, and vertical ribs provide added strength. Finished with rust and acid resistant grey baked enamel. Cabinet size: 33¾"W x 42"H x 12"D (except #356 = 33¾"W x 23-7/8"H x 12"D.)

Part No. 356, 24 Shelf Bin - Bin size; 5-3/8"W x 5½"H x 11-7/8"D.
Part No. 360, 42 Shelf Bin - Bin size; 5-3/8"W x 5½"H x 11-7/8"D.
Part No. 361, 56 Shelf Bin - Bin size; 4-7/8"W x 5-1/8"H x 11-7/8"D.
Part No. 363, 72 Shelf Bin - Bin size; 4"W x 4½"H x 11-7/8"D.
Part No. 364, Bin Base for above Small Parts Bins, fasteners provided to attach legs - 34-1/8"W x 5¾"H x 12¼"D.


360

363

ROTARY CON-TUR® LITERATURE RACK —
Made of all steel construction with rust and acid resistant grey baked enamel finish. This sturdy four-sided rack rotates on ball-bearing turntables, making all materials easily visible and accessible. When displaying standard 8½" x 11" literature, the top 2½" is exposed for easy identification.

Part No. 415-GREY, 92 pocket Rotary Con-Tur® Literature Rack, grey - 14-1/8"W x 68¼"H x 14-1/8"D.

415-GREY

VERTICAL LITERATURE FORMS RACKS

- are all steel and designed with 12¼" wide pockets. The top 2½" of the stored materials remain visible for easy identification. Keyhole slots are provided for wall mounting. Finished with rust and acid resistant grey baked enamel.

Part No. 411-GREY, 20 pocket Vertical Literature-Forms Rack, grey - 13-1/8"W x 58½"H x 4"D.
Part No. 405-GREY, 11 pocket Vertical Literature-Forms Rack, grey - 13-1/8"W x 36"H x 4"D.
Part No. 407A-GREY, Pre-assembled leg set to make model 405 free standing, grey.

411-GREY

405-GREY

407A-GREY

DURHAM

PLASTIC DRAWER & AEROSOL/UTILITY CABINETS

Manufactured of prime cold-rolled steel and finished with rust and acid resistant grey baked enamel.

Part No. 317, 64 Plastic Drawer Cabinet w/ scooped drawers made of clear K-Resin plastic which will not crack or break under normal use. Each drawer, measuring 2-1/8"W x 1-7/8"H x 5½"D. has lock-in dividers to keep small parts separated - Cabinet size 25-7/8"W x 21-3/8"H x 6-3/8"D.

Part No. 343, 4 shelf Horizontal Aerosol/Utility Cabinet is divided into four sections and includes a lock and two keys - Cabinet size 33¾"W x 22¼"H x 8½"D.

Part No. 056, Adjustable Vertical Aerosol/Utility Cabinet w/lock attachment and two adjustable shelves. Keyhole slots allow easy wall mounting - Cabinet size 19-7/8"W x 32¾"H x 14¼"D.

317

056

343

921

WIRE SPOOL RACKS

Made of prime cold-rolled steel and finished with rust and acid resistant grey enamel. Steel rod diameter is 5/8" and provides convenient storing and dispensing of wire.

Part No. 383, 1 Rod Wire Spool Rack w/ handle - 26-1/8"W x 10-3/8"H x 6"D.

Part No. 384, 2 Rod Wire Spool Rack is ideal for counter top use - 26-1/8"W x 17-7/8"H x 6"D.

Part No. 368, 4 Rod Wire Spool Rack holds spools up to 10" in diameter - 26-1/8"W x 37-1/8"H x 6"D.

368

MISCELLANEOUS STORAGE UNITS

All steel construction with rust and acid resistant grey baked enamel finish.

Part No. 921, Welding Rod Cabinet, holds welding rods up to 18" long in 6 compartments. Each compartment is 5¼"W x 4"H x 18-3/8"D - Cabinet size 16-1/8"W x 8-1/8"H x 18½"D.

Part No. 367, Threaded Rod Rack, separates and protects threaded rods. Eighteen 2-1/16" diameter openings to accommodate different sizes - Rack size 24-1/8"W x 24"H x 6-7/8"D.

Part No. 381, Key Stock Rack, has 10 compartments to hold key stock up to 3/4" square and approximately 12" long. Keyholes permit wall mounting - Rack size 12¼"W x 12"H x 6¼"D.

381

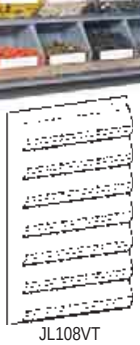
367

DURHAM

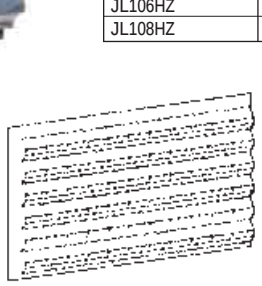
A great way to see and organize all your small parts! Six different panel sizes ensure you'll find one for each of your small parts storage needs. Sorting is a snap with a clear integral ticket holder located on the front extrusion. Clear extruded fronts mean that you'll always know the contents of each storage compartment.

PARTS STORAGE PANELS — GREY ABS PLASTIC

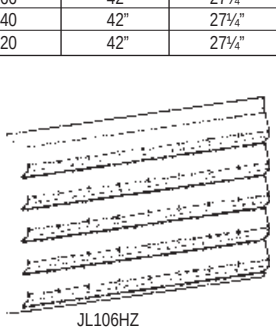
PART NO.	NO. OF BINS	WIDTH	HEIGHT	BIN WIDTH	BIN HEIGHT	BIN DEPTH
JL104VT	63	27¼"	42"	3"	3"	3"
JL106VT	40	27¼"	42"	4½"	4"	4"
JL108VT	21	27¼"	42"	7¾"	4½"	4½"
JL104HZ	66	42"	27¼"	3"	3"	3"
JL106HZ	40	42"	27¼"	4½"	4"	4"
JL108HZ	20	42"	27¼"	7¼"	4¾"	4½"



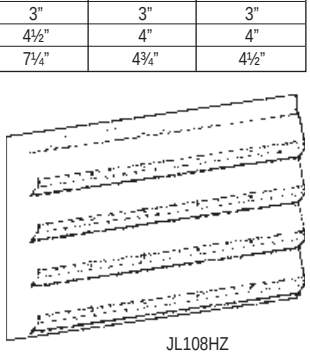
JL108VT



JL104HZ



JL106HZ



JL108HZ

PLANO

PLA/3226

Stowaways™ Plastic Organizers

•Easy access and visibility for small parts storage

STOWAWAY ORGANIZER RACK
Rack only for use with #2-3750 Clear StowAways.
•15.5"L x 11.25"W x 9.5"H
Part No. 974.

CLEAR STOWAWAY
• 4 to 28 adjustable compartments
•Pro-Latches
•14"L x 9.25"W x 2"H
Part No. 2-3750.

CLEAR POCKET STOWAWAY
• 6 compartments
•8.25"L x 4.25"W x 1.38"H
Part No. 3450.

PRO-LATCH™ STOWAWAY® ORGANIZER
•6-20 adjustable compartments
•11"L x 7.25"W x 1.75"H
Part No. 2-3650.

PRO-LATCH™ STOWAWAY® ORGANIZER
•3" deep StowAway® •4-15 adjustable compartments •13.75"L x 9.13"W x 3.25"H
Part No. 2-3730.

ADD-A-DRAWER®

FFF/2540

Small Parts Cabinets

•The modular interlocking small parts storage system is manufactured in Canada. •Add on extra units as required - stack and lock both horizontally and vertically.

Part No. 1-225, Add-A-Drawer, 2.3"W x 2"H x 5"D.
Part No. D-1-225, Divider for #1-225.

Part No. 1-420, Add-A-Drawer, 4"W x 2"H x 10"D.
Part No. D-1-420, Divider for #1-420.

CARDBOARD

FFF/3563

Bin Boxes

Angle front bin boxes in 5 sizes. Sturdy corrugated cardboard. Dimension shown is W x L x H.
Part No. BB2X12, 2" x 12" x 4½" angle front bin box.
Part No. BB4X12, 4" x 12" x 4" angle front bin box.
Part No. BB6X12, 6" x 12" x 4" angle front bin box.
Part No. BB8X12, 8" x 12" x 4½" angle front bin box.
Part No. BB12X11, 12" x 11" x 4" angle front bin box.

DYNALINE

DYN/1978

Stackable Plastic Storage Bins & Tilt Bins

TILT BINS
Easy, multi-purpose storage solution. Stackable design that allows them to be stacked, screwed to a wall or attached to a display unit. Supplied with fastening screws and labels.
Part No. TF-306, 6 compartments, 11-13/16"W x 3-5/8"D x 9"H.

Part No. TF-308, 8 compartments, 11-13/16"W x 2½"D x 6-5/8"H.

Part No. TF-604, 4 compartments, 23-5/8"W x 6-5/8"D x 8-3/16"H.

Part No. TF-605, 5 compartments, 23-5/8"W x 5¼"D x 6½"H.

TF-306

TF-308

STACKABLE PLASTIC STORAGE BINS
Easy, multi-purpose storage solution. Stackable design. Supplied with stacking pegs and labels.
Part No. HB-1218, 4¾"W x 7-1/16"D, 3-5/16"H.
Part No. HB-1525, 5-7/8"W x 10"D, 4¾"H.
Part No. HB-2035, 8-1/16"W x 13¾"D x 5-7/8"H.
Part No. HB-2045, 7-7/8"W x 18-7/8"D x 7"H.
Part No. HB-3045, 11¾"W x 18-7/8"D x 7"H.

HB-1218

HB-3045

HB-2045

Be"leaf" it! We're Canadian!!

DOCAP
Key Cabinet

KEY CABINET
•Holds 48 keys •Locking door •Compact, easy to conceal •External dimensions: H 300 mm x W 240 mm x D 80 mm •Approximate weight: 1.3 kgs
Part No. 427-300.

GDL
Steel/Poly Strapping, Tools, & Accessories

DISPENSER
Portable strapping dispenser with tool tray. Accepts 8" core poly strapping or 16" core steel strapping.
Part No. GD-970.

May not be exactly as illustrated.

STEEL STRAPPING, SEALS, & ACCESSORIES
Steel strapping comes in three different widths, each sold by the roll (16" core x 3" face). Each roll has an approximate weight of 47 kg. Open seals used to clamp steel strapping come in three sizes, sold by the box of 2000.
Part No. GD-987, Roll of 1/2" steel strapping.
Part No. GD-988, Roll of 5/8" steel strapping.
Part No. GD-989, Roll of 3/4" steel strapping.

Part No. GD-981, Box of 2000, 1/2" I.D. open seals.
Part No. GD-982, Box of 2000, 5/8" I.D. open seals.
Part No. GD-983, Box of 2000, 3/4" I.D. open seals.

Part No. GD-971, Steel banding tensioner - accepts 3/8" to 3/4" strap.
Part No. GD-975, 1/2" steel banding crimper.
Part No. GD-976, 5/8" steel banding crimper.
Part No. GD-977, 3/4" steel banding crimper.
Part No. GD-979, Steel banding cutter - accepts 3/8" to 3/4" strap.

POLY STRAPPING, BUCKLES, & ACCESSORIES
Polypropylene strapping comes in 1/2" width and is sold by the roll of 9900 ft. (8" core x 8" face). Use buckles for clamping the strapping, sold by the box of 1000.
Part No. GD-992, 3672 ft. roll of 1/2" poly strapping.

Part No. GD-985, Box of 1000, 1/2" wire buckles.

Part No. GD-973, Poly strap tensioner accepts 1/2" to 3/4" strap, with cutter.

wire buckle

POLY
Parts Bags

Part No. PPB-0609, Case of 2000 6" x 9" parts bags.
Part No. PPB-0912, Case of 1000 9" x 12" parts bags.
Part No. PPB-1015, Case of 1000 10" x 15" parts bags.

REUSABLE POLY BAGS

FFF/3684

w/ Zipper Line Closure

Handy reusable poly bags with a zipper line closure. Available in two thicknesses, 2 mil or 4 mil. Choose from 2 styles — clear bags or with a white patch for marking with a marker, pen, or grease pencil. Sold as a pack of 100 bags.

•CLEAR

PART NO. 100-PACK	THICKNESS	SIZE	STYLE
RC20203	2 mil	2" x 3"	Clear
RC20304	2 mil	3" x 4"	Clear
RC20305	2 mil	3" x 5"	Clear
RC20404	2 mil	4" x 4"	Clear
RC20406	2 mil	4" x 6"	Clear
RC20508	2 mil	5" x 8"	Clear
RC20609	2 mil	6" x 9"	Clear
RC20810	2 mil	8" x 10"	Clear
RC20912	2 mil	9" x 12"	Clear
RC21013	2 mil	10" x 13"	Clear
RC21215	2 mil	12" x 15"	Clear
RC40203	4 mil	2" x 3"	Clear
RC40305	4 mil	3" x 5"	Clear
RC40406	4 mil	4" x 6"	Clear
RC40508	4 mil	5" x 8"	Clear
RC40609	4 mil	6" x 9"	Clear
RC40810	4 mil	8" x 10"	Clear
RC40912	4 mil	9" x 12"	Clear
RC41215	4 mil	12" x 15"	Clear

•WITH WHITE WRITE-ON PATCH

PART NO. 100-PACK	THICKNESS	SIZE	STYLE
RW20203	2 mil	2" x 3"	Write-on
RW20304	2 mil	3" x 4"	Write-on
RW20305	2 mil	3" x 5"	Write-on
RW20406	2 mil	4" x 6"	Write-on
RW20508	2 mil	5" x 8"	Write-on
RW20609	2 mil	6" x 9"	Write-on
RW20810	2 mil	8" x 10"	Write-on
RW20912	2 mil	9" x 12"	Write-on
RW21215	2 mil	12" x 15"	Write-on
RW40406	4 mil	4" x 6"	Write-on
RW40609	4 mil	6" x 9"	Write-on
RW40912	4 mil	9" x 12"	Write-on

POLY WOVEN

FFF/3713

Bags

Part No. WPWB-1230, 12" x 30" white poly woven bag.
Part No. WPWB-1424, 14" x 24" white poly woven bag.
Part No. WPW-DSB-2030, 20" x 30" white poly woven bag with drawstring.

PACKAGING/SHIPPING

FFF/2679

Products

FILAMENT TAPE & DISPENSERS

Part No. FIL-1/2, ½" x 60 yard roll.
Part No. FIL-3/4, ¾" x 60 yard roll.
Part No. FIL-1, 1" x 60 yard roll.
Part No. FTD-1, Filament tape dispenser for ½" to 1" tape.

PACKAGING TAPE & DISPENSERS

Part No. CPT-2, 2" x 100 yard roll clear polypropylene packaging tape.
Part No. CWS-2, 2" x 100 yard roll clear whisper packaging tape.
Part No. VIN-2, 2" x 72 yard roll clear PVC vinyl packaging tape.
Part No. ALD-50, Packaging tape dispenser w/ tension adjustment for use with all 2" packaging tape.

ALD-50

STRETCH FILM & DISPENSERS

Part No. PW-15, 12.8" x 1475 ft. roll stretch film.
Part No. HF-15, Stretch film hand wrapper/dispenser for #PW-15.

Part No. PW-3-CS, Case of 18, 3" x 1000 ft. roll stretch film, 80 gauge, c/w 1 hand wrapper/dispenser.
Part No. PW-5-CS, Case of 12, 5" x 1000 ft. roll stretch film, 80 gauge, c/w 1 hand wrapper/dispenser.

PW-15/HF-15

PW-3-CS/ PW-5-CS

POLYPROPYLENE STRAPPING

Part No. 7003WE, ½" x 3300 ft. roll polypropylene strapping.
Part No. PL-4, Box of 1000, ½" plastic buckles for strapping.

TYING TWINE

#180 polypropylene tying twine. 7000 ft. roll.
Part No. PLT-180.

SHIPPING LABELS

Roll of 1000, 3¼" x 4¼" blank shipping labels with blue border.
Part No. SSL-03.

PACKING SLIP ENVELOPES

Box of 1000, 4" x 5" packing slip envelopes with adhesive back.
Part No. BC-101.

"FRAGILE" STICKERS

Roll of 500, "Fragile — Handle with Care" stickers. Fluorescent orange w/ black lettering.
Part No. SL-F-0050.

MANILA SHIPPING TAGS

Box of 1000 manila shipping tags with reinforced hole. 5 sizes available. Tag wires sold separately.
Part No. 50101, 2¾" x 1-3/8".
Part No. 50103, 3¾" x 1-7/8".
Part No. 50105, 4¾" x 2-3/8".
Part No. 50107, 5¾" x 2-5/8".
Part No. 50108, 6¼" x 3-1/8".

Part No. 50957, Bundle of 1000, 12" shipping tie wires.

BUBBLE WRAP

Rolls of bubble wrap for a variety of packaging/shipping requirements.
Part No. BWR12250, ½" bubble, 48" x 250 ft. roll.
Part No. BWR316750, 3/16" bubble, 48" x 750 ft. roll.
Part No. BWR516375, 5/16" bubble, 48" x 375 ft. roll.

MAILER BUBBLE ENVELOPES

Envelopes padded with plastic bubble for shipping and mailing delicate items. 5 sizes.
Part No. MBE-0, #0 bubble envelope, 6" x 10".
Part No. MBE-2, #2 bubble envelope, 8½" x 12".
Part No. MBE-4, #4, bubble envelope, 9½" x 14".
Part No. MBE-5, #5 bubble envelope, 10½" x 16".
Part No. MBE-7, #7 bubble envelope, 14¼" x 20".

CORRUGATED CARDBOARD

Rolls of corrugated cardboard for a variety of heavier duty packaging/shipping requirements.
Part No. CCR-36, 36" x 250 ft. roll.
Part No. CCR-48, 48" x 250 ft. roll.

PACKAGING/SHIPPING

Products

RUBBER BANDS

Rubber bands are sold by weight. Quantity per pound is based on estimate only. Count per pound may vary due to rubber content, width and wall thickness. Sold in one pound bags.

PART NO. (1 lb. bag)	SIZE	LAY FLAT LENGTH	CUT WIDTH	WALL THICKNESS	APPROX. PIECES PER LB.
RB19	#19	3½"	1/16"	3/64"	1260
RB33	#33	3½"	1/8"	3/76"	620
RB64	#64	3½"	1/4"	3/76"	340
RBT24	#T24	6"	1/16"	1/16"	536

BUSINESS/OFFICE SUPPLIES

Stationery

HIGHLAND™ BRAND SELF-ADHESIVE NOTES

Economical repositionable notes. Easily removable notes ideal for messages, reminders, and temporary labelling. 3 handy sizes — 100 sheets per pad, 12 pads per package. Yellow.
Part No. W5238-00, Package of 12, 1½" x 2" self-adhesive notes.
Part No. W0015-07, Package of 12, 3" x 3" self-adhesive notes.
Part No. W0018-00, Package of 12, 3" x 5" self-adhesive notes.

PHOTOCOPY/MULTI-PURPOSE OFFICE PAPER

Standard white photocopy paper in 2 sizes. Sold in packages of 500 sheets. Full cases are 5000 sheets or 10 packages. 20# weight, 92 brightness level.
Part No. PP-8X11, Package of 500, 8½" x 11" white copy paper.
Part No. PP-8X14, Package of 500, 8½" x 14" white copy paper.

BUSINESS ENVELOPES

#10 window or plain white envelopes, and 9" x 12" larger mailing envelopes. Sold in boxes of 500 each.
Part No. 17084-00, Box of 500, #10 WINDOW envelope, white.
Part No. 17047-00, Box of 500, #10 NON-WINDOW envelope, white.
Part No. 17015-00, Box of 500, 9" x 12" mailing envelope, natural kraft.

FILE FOLDERS

Reversible file folders, a popular choice for low cost record storage. ½ cut reversible single printed tab. 9½ pt. durable grade stock, ivory coloured, available in 2 sizes. Sold in boxes of 100 each.
Part No. W2532-00, Box of 100, letter size file folders.
Part No. W2536-00, Box of 100, legal size file folders.

FILE STORAGE BOXES

Corrugated cardboard storage boxes holds letter files or turned sideways will hold legal files. Can be stacked for neat and organized storage. Complete with lid.
Part No. FSB.

PAPERMATE STICK PEN

Smooth writing ink available in 3 colours. Medium (1.0 mm) tip. Sold in packages of 12.
Part No. 33111, Package of 12, stick pen, blue.
Part No. 33211, Package of 12, stick pen, red.
Part No. 33311, Package of 12, stick pen, black.

PAPERMATE COMFORTMATE RETRACTABLE STICK PEN

Medium point (1.0 mm) tip in a retractable pen. Sold in packages of 12.
Part No. 63101, Package of 12, retractable stick pen, blue.

SHARPIE ACCENT HIGHLIGHTER PENS

Easy gliding chisel tip for smooth highlighting of wide or narrow lines. Quick drying and odourless. Choose from 5 vibrant colours or a 4-pack variety.
Part No. 25005, Yellow.
Part No. 25006, Fluorescent orange.
Part No. 25009, Fluorescent pink.
Part No. 25010, Turquoise blue.
Part No. 25025, Fluorescent yellow.

Part No. 25174, 4-pack of highlighter pens, includes fluorescent orange, pink, yellow and turquoise blue.

DRYLINE® GRIP CORRECTION TAPE

Fix mistakes instantly with no mess. Super strong polymer-backed tape resists breaking. Transparent dispenser to monitor tape supply. Great for correcting multiple lines of text before copying or faxing. 5 mm wide x 8.5 m long, carded.
Part No. 06604.

LIQUID PAPER® CORRECTION FLUID

Smooth, durable finish resists cracking. Matches recycled and other white standard printing papers. Corrects ball point, gel, rollerball pen and most marker ink. With foam brush applicator. 22 ml bottle, carded.
Part No. 56326.

EXPO DRY ERASE MARKERS

Expo original dry erase markers. Chisel tip. Available in 4 colours or a handy starter set.
Part No. 83001, Black.
Part No. 83002, Red.
Part No. 83003, Blue.
Part No. 83004, Green.

, Dry Erase starter kit. Includes 1 each black, red, blue, and green markers, 1 eraser, and 1 two-ounce cleaner.

WHITEBOARDS

Melamine dry erase white board offers excellent value. Factory mounted hardware. Aluminum frame with snap-on tray. 3 sizes.
Part No. 05056-00, 18" x 24".
Part No. 05057-00, 24" x 36".
Part No. 05055-00, 36" x 48".

STANDARD PAPER CLIPS

Nickle plated non-slip corrugated paper clips. 1¼", standard size. Package of 1000.
Part No. 90832.

VINYL COATED PAPER CLIPS — COLOURED

Vinyl coated pack of multi-coloured 1¼" paper clips. Tub of 500.
Part No. 90826.

BUTTERFLY CLIPS

Choose from small or large size.
Part No. 72202, Box of 50 small (#2) size.
Part No. 72101, Box of 12 large (#1) size.

FOLD-BACK CLIPS

Choose from several sizes. Black, except where otherwise noted.
Part No. 11210, Box of 12, 9/16".
Part No. 11211, Box of 12, ¾".
Part No. 11212, Box of 12, 1¼".
Part No. 11213, Box of 12, 1-5/8".
Part No. 11215, Box of 12, 1".
Part No. 11214, Box of 12, 2".

Part No. 75010, Tub of 100, 9/16" coloured fold-back clips in a handy reusable tub.

STAPLER

Economy plastic base stapler holds a full strip of standard staples. Black.
Part No. 06051.

STANLEY® BOSTITCH® STANDARD STAPLES

For all standard loading staplers. 210 chisel point staples per strip; 5000 per box.
Part No. 69015-00, Box of 5000.

STAPLE REMOVER

Claw type staple remover, boxed.
Part No. 21550.

3-HOLE PUNCH

Adjustable light duty 3-hole punch.
Part No. 00586.

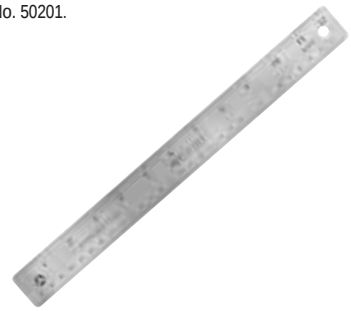
Stationery

2-HOLE PUNCH
Adjustable 2-hole punch.
Part No. 00582.

TAPE DISPENSER
Desktop dispenser for use with standard tape rolls. Black.
Part No. 80015.

STANDARD TAPE
Highland permanent mending tape. ¾" x 33 m. 1" core. Fits dispenser #80015. Boxed.
Part No. W5250-00.

STAINLESS STEEL RULER
12"/30 cm stainless steel ruler. Flexible enough to measure curved surfaces. Scaled in 1/16" on one edge, metric on other edge.
Part No. 50201.



RUBBER FINGERTIP CONES
Ventilated fingertip cones. Available in 3 sizes.
Part No. 00701, Box of 12, small, 5/8".
Part No. 00702, Box of 12, medium, 11/16".
Part No. 00703, Box of 12, large, ¾".

ELITE 8" BENT SCISSORS
Sharp, double-honed stainless steel blades retain edge after long use. Comfortable contoured handles.
Part No. 43318.

8" STRAIGHT ECONOMY SCISSORS
Durable stainless steel blades and can be used left or right handed.
Part No. 02208.

MASONITE CLIPBOARDS
Available in 2 sizes for letter or legal use.
Part No. 35912, 9" x 12" (letter).
Part No. 35915, 9" x 15" (legal).

ALUMINUM SHEET HOLDERS
An excellent way to store, protect and complete a wide variety of documents. Each sheet holder is constructed of quality durable aluminum which will maintain its integrity in demanding environments. Durable steel clips lock your documents in place and aid in reducing slippage while completing the forms. Available in 2 sizes for letter or legal use. 30 page capacity.
Part No. 38012, 9" x 12" (letter).
Part No. 38015, 9" x 15" (legal).

METAL CASH BOX
Locking cash box with tray. Putty colour. 9-7/8" x 7-1/8" x 3-1/8".
Part No. 88335.

DANGEROUS GOODS
Shipping Labels

•UV coated •All labels are rolls of 500 •Labels are 4" x 4" unless otherwise noted

CLASS 2.1 "FLAMMABLE GAS"
Part No. DGSL-2.1.

CLASS 2.2 "NON-FLAMMABLE GAS"
Part No. DGSL-2.2.

CLASS 2.3 "POISONOUS GAS"
Part No. DGSL-2.3.

CLASS 3 "FLAMMABLE LIQUID"
Part No. DGSL-3.

CLASS 4.1 "FLAMMABLE SOLID"
Part No. DGSL-4.1.

CLASS 4.2 "SPONTANEOUS COMBUSTIBLE"
Part No. DGSL-4.2.

CLASS 4.3 "DANGEROUS WHEN WET"
Part No. DGSL-4.3.

CLASS 5.1 "OXIDIZER"
Part No. DGSL-5.1.

CLASS 5.2 "ORGANIC PEROXIDE"
Part No. DGSL-5.2.

CLASS 6 "POISON"
Part No. DGSL-6.1.

CLASS 8 "CORROSIVE"
Part No. DGSL-8.

CLASS 9 "MISCELLANEOUS AIR"
Part No. DGSL-9.

"AIRCRAFT DANGER"
Part No. 3401930.

Ergonomic Seating Products

VALUE-LINE UPHOLSTERED SEATING

FEATURES: •Sturdy five legged base •Easy-to-use pneumatic seat height adjustment •Ergonomic waterfall seat for improved leg circulation •Contoured back with durable scuff resistant back pan •Tilt back with adjustable tension control •Upholstery resists fading, pilling, punctures and moisture

Hard Floor Casters. 17" - 22" Seat Height Range.
Available Colours
Part No. V4007HC-BLK, Black.
Part No. V4007HC-BUR, Burgundy.
Part No. V4007HC-GRY, Grey.
Part No. V4007HC-RBL, Blue.

Mushroom Glides. 23" - 33" Seat Height Range. Includes 18" Adj. Footring.
Available Colours
Part No. V4507MG-BLK, Black.
Part No. V4507MG-BUR, Burgundy.
Part No. V4507MG-GRY, Grey.
Part No. V4507MG-RBL, Blue.

Adjustable Arms for V4007 & V4507
Part No. AV.

(Optional Arms)

VALUE-LINE POLYURETHANE SEATING

FEATURES: •Sturdy five legged base •Easy-to-use pneumatic seat height adjustment •Ergonomic waterfall seat for improved leg circulation •Resists stains and damage from punctures, grease, water and chemicals •Tilt back with adjustable tension control

Hard Floor Casters. 18" - 23" Seat Height Range.
Available Colours
Part No. V7007HC-BLK, Black.

Mushroom Glides. 22" - 32" Seat Height Range. Includes 18" Adj. Footring.
Available Colours
Part No. V7507MG-BLK, Black.

SIT-STANDS STOOL

FEATURES: •Sturdy construction and moderate pricing make these stools ideal for a wide range of applications including general office, medical, laboratory, factory, and electronic assembly •Comfortable, durable 15" diameter seat in polyurethane •Easy-to-use pneumatic seat height adjustment with 360 degree swivel •Sturdy five legged base in reinforced plastic

Mushroom Glides. 22" - 32" Seat Height Range.
Available Colours
Part No. 3505-BLK, Black.

BEVCO
Ergonomic Seating

ADVANCED ERGONOMIC UPHOLSTERED SEATING

FEATURES: •Sturdy black 25" diameter, scuff resistant, reinforced plastic five legged base •Roomy, comfortable seat, 20"W x 18"D x 3" thick with waterfall front evenly supports legs and thighs •Easy-to-use pneumatic seat height adjustment •Large contoured backrest with polypropylene back shell provides excellent durability and lumbar back support •To create a customized ergonomic fit, these chairs feature independent tilt adjustments of the seat and backrest •Upholstery resists fading, pilling, punctures and moisture •Superior craftmanship, top rated fabric, and high density foam ensure long lasting ergonomic performance

Mushroom Glides. 16" - 21" Seat Height Range.
Available Colours
Part No. 6001-BLK-F, Black.
Part No. 6001-BUR-F, Burgundy.
Part No. 6001-GRY-F, Grey.
Part No. 6001-RBL-F, Blue.

Mushroom Glides. 23" - 33" Seat Height Range. Includes 18" Adj. Footring.
Available Colours
Part No. 6501-BLK-F, Black.
Part No. 6501-BUR-F, Burgundy.
Part No. 6501-GRY-F, Grey.
Part No. 6501-RBL-F, Blue.

Ergonomic Adjustable Arms for 6001 & 6501
Part No. A5.

Dual Wheel Hard Floor Casters for 6001 & 6501
(casters add 1" to seat height range)
Part No. 4550S, Set of 5 casters.

BEVCO® INC.
Ergonomic Seating Products

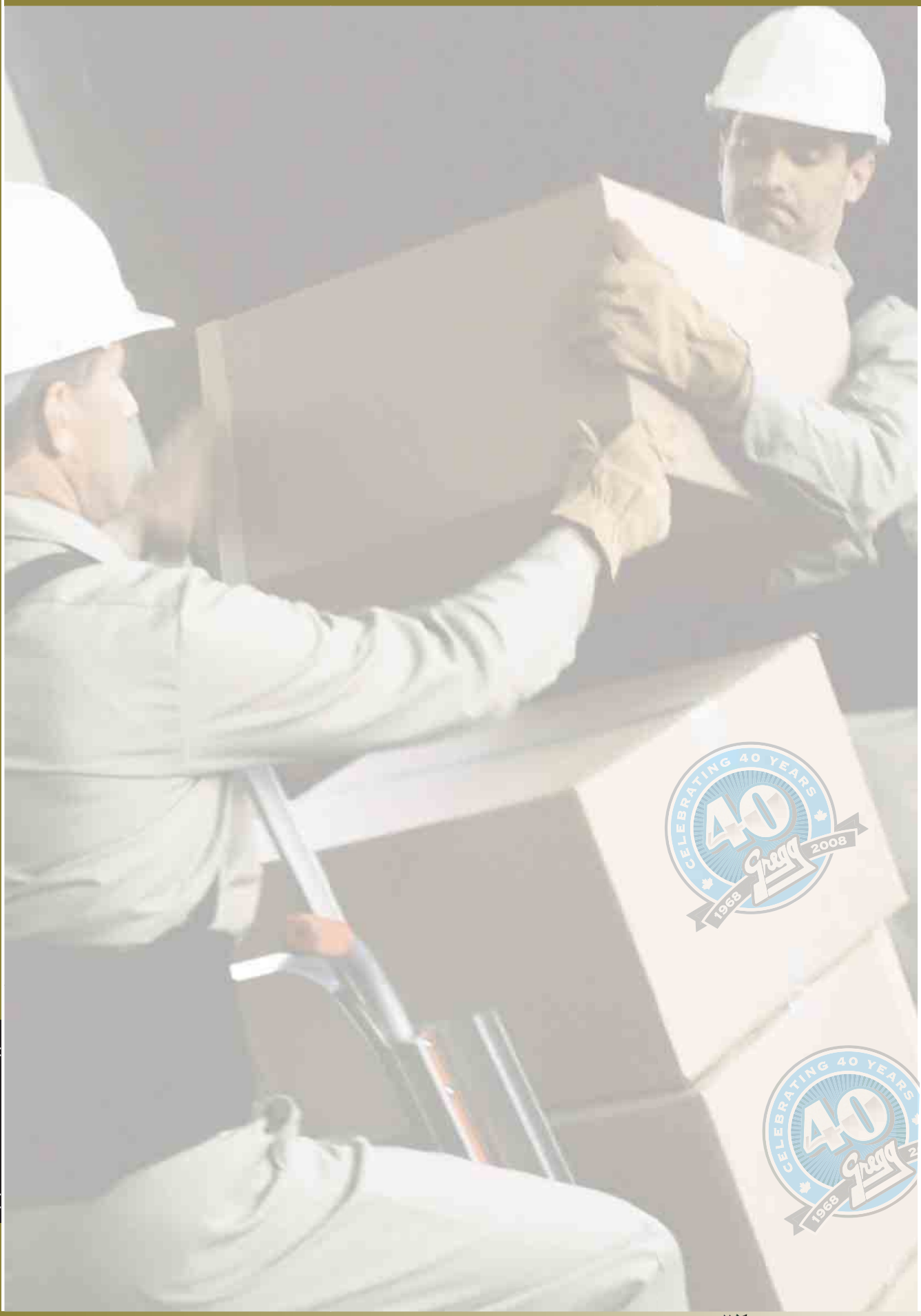
ERGONOMIC INDUSTRIAL POLYURETHANE SEATING

FEATURES: •Durable, contoured polyurethane seat and back with ventilated ribs for lasting comfort and support •Easy-to-use pneumatic seat height adjustment •Sturdy five legged base in reinforced plastic with mushroom glides •Fully adjustable back with heavy duty back bracket •Metal components have scratch resistant top grade baked enamel finish •Specifically designed for outstanding comfort and long lasting use in the toughest workplace environment

Mushroom Glides. 17-1/2" - 22-1/2" Seat Height Range.
Available Colours
Part No. 7001-BLK, Black.
Part No. 7001-BUR, Burgundy.
Part No. 7001-GRY, Grey.
Part No. 7001-RBL, Blue.
Part No. 7001-AA-BLK, Black, w/ergonomic adjustable arms
Part No. 7001-AA-BUR, Burgundy, w/ergonomic adjustable arms
Part No. 7001-AA-GRY, Grey, w/ergonomic adjustable arms
Part No. 7001-AA-RBL, Blue, w/ergonomic adjustable arms

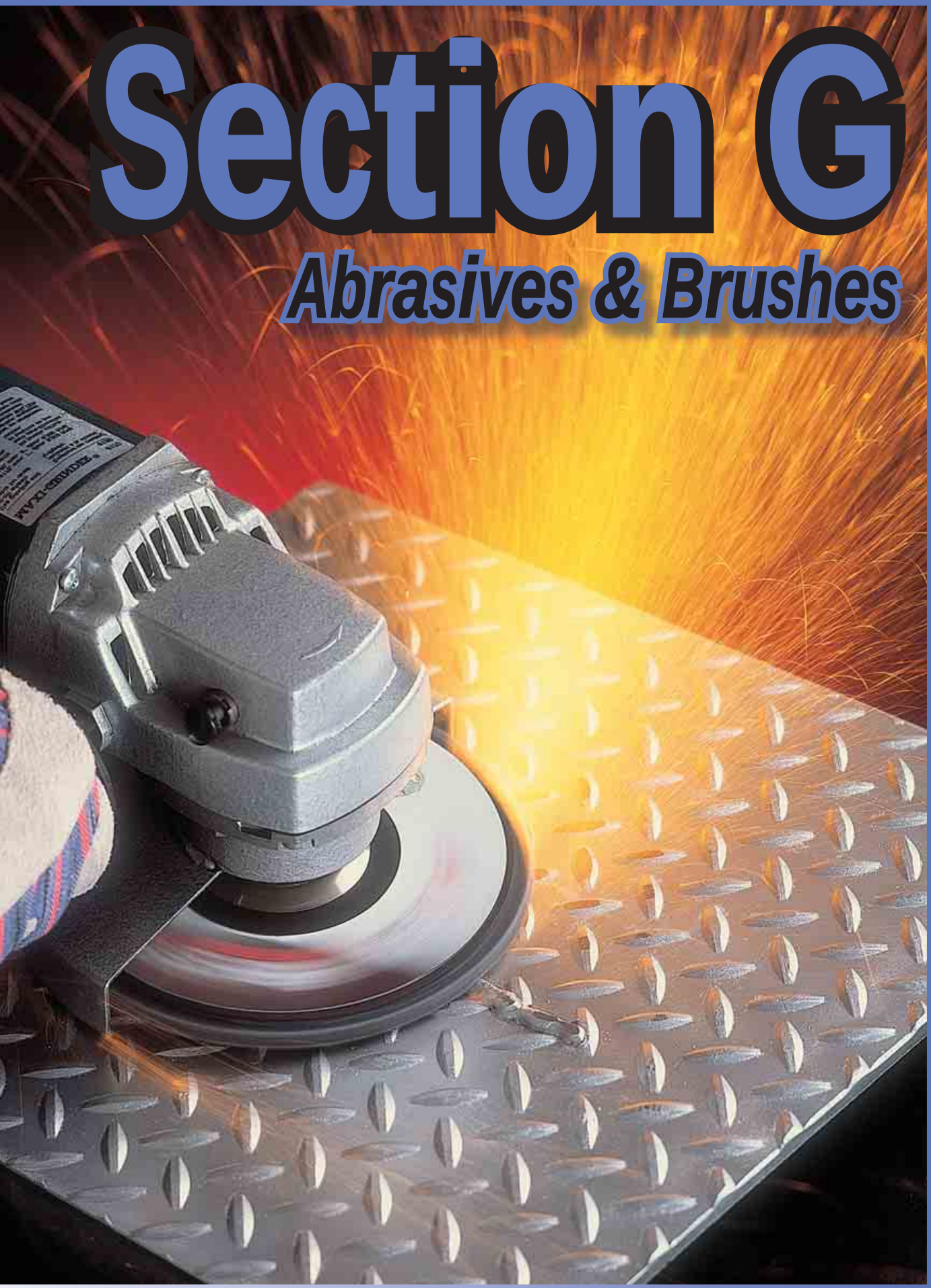
Mushroom Glides. 22" - 32" Seat Height Range. Includes 18" Adj. Footring.
Available Colours
Part No. 7501-BLK, Black.
Part No. 7501-BUR, Burgundy.
Part No. 7501-GRY, Grey.
Part No. 7501-RBL, Blue.
Part No. 7501-AA-BLK, Black, w/ergonomic adjustable arms
Part No. 7501-AA-BUR, Burgundy, w/ergonomic adjustable arms
Part No. 7501-AA-GRY, Grey, w/ergonomic adjustable arms
Part No. 7501-AA-RBL, Blue, w/ergonomic adjustable arms

Dual Wheel Hard Floor Casters for 7001 & 7501
(casters add 1" to seat height range)
Part No. 3850S, Set of 5 casters.


CELEBRATING 40 YEARS
40
1968
Gregg
2008
CELEBRATING 40 YEARS
40
1968
Gregg

Section G

Abrasives & Brushes



CELEBRATING 40 YEARS
40
1968
Gregg
2008

PREMIER RED ZIRCONIA ALUMINA ABRASIVES

Features:	Benefits:
•High performance zirconia alumina abrasive	•60% faster stock removal and a minimum of 3 times the life over aluminum oxide wheels
•High performance resin bond	•Enhanced life; exceptional cut rate
•Exceptional balance	•No vibration •No bouncing on workpiece •Less grinder maintenance •Less operator fatigue
•Unique glass cloth design	•No fraying or spalling of abrasive grit
•Best performing wheel	•Highest productivity; lowest total grinding cost

FOR STAINLESS STEEL/METAL - Outstanding results grinding stainless steel, high alloy steel, and all ferrous metals

Type 27 - For Right Angle Grinders					
Part No.	Diameter	Width	Bore	Grit	Maximum R.P.M.
02864	3"	1/4"	3/8"	24	18,000
02867	4"	1/4"	3/8"	24	15,280
02868	4"	1/4"	5/8"	24	15,280
02872	4½"	1/4"	7/8"	24	13,580
02873	4½"	1/4"	5/8"-11	24	13,580
02876	5"	1/4"	7/8"	24	12,225
02877	5"	1/4"	5/8"-11	24	12,225
02881	7"	1/4"	7/8"	24	8,600
02882†	7"	1/4"	7/8"	24	8,600
02883	7"	1/4"	5/8"-11	24	8,600
02884†	7"	1/4"	5/8"-11	24	8,600
02889	9"	1/4"	5/8"-11	24	6,600
02890†	9"	1/4"	5/8"-11	24	6,600
Type 28 - For Right Angle Grinders					
02892	7"	1/4"	5/8"-11	24	8,600

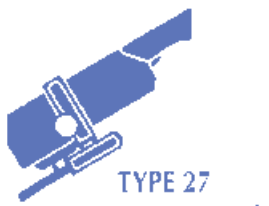
† - Represents long life blade

GOLD MaXX ZIRCONIA ALUMINA/ALUMINUM OXIDE ABRASIVE BLEND

Features:	Benefits:
•High performance zirconia alumina and aluminum oxide abrasive blend in a free cutting bond	•Excellent cut rate and long life •10% faster cut rate and 30% longer life than standard aluminum oxide wheels •Smooth grinding action that maximizes productivity and minimizes fatigue

FOR STAINLESS STEEL/METAL - Grinds efficiently on a variety of ferrous metals: from carbon steel to stainless steels and some exotic metals

Type 27 - For Right Angle Grinders					
PART NO.	DIAMETER	WIDTH	BORE	GRIT	MAXIMUM R.P.M.
70191	4½"	1/4"	7/8"	24	13,580
70193	5"	1/4"	7/8"	24	12,225
30562	6"	1/4"	7/8"	24	10,185
70194	7"	1/4"	7/8"	24	8,600



CARBORUNDUM

GOLD ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Quality aluminum oxide abrasive	•Fast stock removal
•Advanced resin bond	•Free cutting without a reduction in wheel life
•Exceptional balance	•No vibration •No burning of workpiece •Less grinder maintenance •Less operator fatigue
•Unique glass cloth design	•No fraying or spalling of abrasive grit

FOR STEEL/METAL - The choice for grinding all types of ferrous and various alloy steels

Type 27 - For Right Angle Grinders					
Part No.	Diameter	Width	Bore	Grit	Maximum R.P.M.
02836	4"	1/4"	3/8"	24	15,280
02837	4"	1/4"	5/8"	24	15,280
02842	4½"	1/4"	7/8"	24	13,580
02843	4½"	1/4"	5/8"-11	24	13,580
02846	5"	1/4"	7/8"	24	12,225
02847	5"	1/4"	5/8"-11	24	12,225
02849	6"	1/4"	7/8"	24	10,185
02853	7"	1/4"	7/8"	24	8,600
02854	7"	1/4"	5/8"-11	24	8,600
02857	9"	1/4"	7/8"	24	6,600
02858	9"	1/4"	5/8"-11	24	6,600
Type 28 - For Right Angle Grinders					
02859	7"	1/4"	7/8"	24	8,600
02860	7"	1/4"	5/8"-11	24	8,600
02861	9"	1/4"	7/8"	24	6,600
02862	9"	1/4"	5/8"-11	24	6,600

FOR ALUMINUM - Engineered for grinding aluminum weld beads and fabricated parts

Type 27 - For Right Angle Grinders					
PART NO.	DIAMETER	WIDTH	BORE	GRIT	MAXIMUM R.P.M.
03588	4½"	1/4"	7/8"	46	13,580
08158	4½"	1/4"	5/8"-11	46	13,580
03589	5"	1/4"	7/8"	46	12,225
03594	7"	1/4"	5/8"-11	46	8,600

CARBO METAL ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Quality aluminum oxide abrasive	•Quick stock removal on hard metals
•Low initial cost per wheel	•Ideal for on-site and small-unit jobs

FOR STEEL/METAL - Economical choice for initial price conscious customers with general purpose applications

Type 27 - For Right Angle Grinders					
PART NO.	DIAMETER	WIDTH	BORE	GRIT	MAXIMUM R.P.M.
61567	4½"	1/4"	7/8"	24	13,580
61571	5"	1/4"	7/8"	24	12,225
61575	7"	1/4"	7/8"	24	8,600

Depressed Centre Wheels For Light Grinding & Cutting

GOLD MaXX ZIRCONIA ALUMINA/ALUMINUM OXIDE ABRASIVE BLEND

Features:	Benefits:
•Premium zirconia alumina and aluminum oxide abrasive blend in a free cutting bond	•Excellent cut rate and long life •10% faster cut rate and 30% longer life than standard aluminum oxide wheels •Smooth grinding action that maximizes productivity and minimizes fatigue

FOR STAINLESS STEEL/METAL - Grinds efficiently on a variety of ferrous metals: from carbon steel to stainless steels and some exotic metals. These wheels can be used for both cutting and light grinding.

Type 27 - For Right Angle Grinders					
PART NO.	DIAMETER	WIDTH	BORE	GRIT	MAXIMUM R.P.M.
32507	4½"	1/8"	7/8"	24	13,580
32508	5"	1/8"	7/8"	24	12,225
30561	6"	1/8"	7/8"	24	10,185
32509	7"	1/8"	7/8"	24	8,600

GOLD ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Quality aluminum oxide abrasive	•Fast stock removal
•Advanced resin bond	•Free cutting without a reduction in wheel life
•Exceptional balance	•No vibration •No burning of workpiece •Less grinder maintenance •Less operator fatigue
•Unique glass cloth design	•No fraying or spalling of abrasive grit

FOR STEEL/METAL - The economical choice for cutting and light grinding all types of ferrous and various alloy steels

Type 27 - For Right Angle Grinders					
Part No.	Diameter	Width	Bore	Grit	Maximum R.P.M.
04709	4"	1/8"	5/8"	24	15,280
04711	4½"	1/8"	5/8"-11	24	13,580
04710	4½"	1/8"	7/8"	24	13,580
04712	5"	1/8"	7/8"	24	12,225
04714	6"	1/8"	7/8"	24	10,185
04716	7"	1/8"	5/8"-11	24	8,600
04718	9"	1/8"	5/8"-11	24	6,600
04717	9"	1/8"	7/8"	24	6,600

Depressed Centre Cutting-Off Wheels

PREMIER RED ZIRCONIA ALUMINA ABRASIVES

Features:	Benefits:
•High performance zirconia alumina abrasive	•60% faster stock removal and a minimum of 3 times the life over aluminum oxide wheels
•High performance resin bond	•Enhanced life; exceptional cut rate
•Exceptional balance	•No vibration •No bouncing on workpiece •Less grinder maintenance •Less operator fatigue
•Best performing wheel	•Highest productivity; lowest total grinding cost

FOR STAINLESS STEEL/METAL - Outstanding results grinding stainless steel, high alloy steel, and all ferrous metals. These wheels should be used for cutting only.

Type 27 - For Right Angle Grinders					
Part No.	Diameter	Width	Bore	Grit	Maximum R.P.M.
02863	3"	.125"	3/8"	24	18,000
02865	4"	.125"	3/8"	24	15,280
02870	4½"	.125"	7/8"	24	13,580
02871	4½"	.125"	5/8"-11	24	13,580
02874	5"	.125"	7/8"	24	12,225
02878	7"	.125"	7/8"	24	8,600
02879	7"	.125"	5/8"-11	24	8,600

GOLD ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Quality aluminum oxide abrasive	•Fast stock removal
•Advanced resin bond	•Free cutting
•Exceptional balance	•No vibration •No burning of workpiece •Less grinder maintenance •Less operator fatigue
•Value priced	•Good performance/price ratio

FOR STEEL/METAL - Ideal choice for cutting all types of ferrous and various alloy steels. These wheels should be used for cutting only.

Type 27 - For Right Angle Grinders					
Part No.	Diameter	Width	Bore	Grit	Maximum R.P.M.
02833	4"	.125"	3/8"	24	15,280
02834	4"	.125"	5/8"	24	15,280
02838	4½"	.125"	7/8"	24	13,580
02839	4½"	.125"	5/8"-11	24	13,580
02844	5"	.125"	7/8"	24	12,225
02848	6"	.125"	7/8"	24	10,185
02850	7"	.125"	7/8"	24	8,600
02851	7"	.125"	5/8"-11	24	8,600
02855	9"	.125"	7/8"	24	6,600
02856	9"	.125"	5/8"-11	24	6,600

GOLD ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Quality aluminum oxide abrasive	•Burn free cutting
•Advanced resin bond	•Long life •Meets nuclear industry standards
•Extra thin	•Quick cutting action •Minimal kerf loss
•Specially reinforced	•Added safety, strength and straight cuts

FOR STEEL/STAINLESS, STEEL/METAL - Engineered for cutting pipe and all types of stainless steel and various hard alloys. Formulated to meet nuclear industry standards. These wheels should be used for cutting only.

Type 27 - For Right Angle Grinders					
Part No.	Diameter	Width	Bore	Grit	Maximum R.P.M.
61551	4½"	.045"	7/8"	30	13,580
61553	5"	.045"	7/8"	30	12,225
61554	6"	.045"	7/8"	30	10,185
61555	7"	.045"	7/8"	30	8,600

GOLD ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Quality aluminum oxide abrasive	•Burn free cutting
•Advanced resin bond	•Long life •Meets nuclear industry standards
•Extra thin depressed center cutting-off wheels	•Quick cutting action •Minimal kerf loss
•Specially reinforced	•Added safety, strength and straight cuts

FOR STEEL/METAL - Excellent choice for cutting all types of metals and various alloy steels. These wheels should be used for cutting only.

Type 27 - For Right Angle Grinders					
Part No.	Diameter	Width	Bore	Grit	Maximum R.P.M.
63817	4½"	3/32"	7/8"	30	13,580
63819	5"	3/32"	7/8"	30	12,225
63821	7"	3/32"	7/8"	30	8,600

CARBORUNDUM

CARBORUNDUM

Depressed Centre Wheels

TECH TIPS

For maximum performance, run the grinder at the "Maximum Operating Speed", which is marked on the wheel.

For best results, hold your right angle grinder at a:
- 30° angle with 1/4" and 1/8" thick Type 27 wheels
- 90° angle with .045", 1/16", 3/32", .125" and 1/8" thick Type 27 wheels

Metal Adapter Kit For Depressed Centre Wheels

Contains all the items necessary to mount depressed centre wheels with 7/8" centre holes on to standard portable right angle or vertical shaft grinders. Adapter hubs are threaded for mounting onto standard 5/8" -11 NCRH spindles. Used with wheel thicknesses of 1/8" or 1/4".
Part No. 89275.

Reinforced Cut-Off Wheels For Portable Machines

PREMIER RED REINFORCED CERAMIC ALUMINA/ZIRCONIA ALUMINA ABRASIVE BLEND

Features:	***Benefits:***
•An exclusive blend of high performance ceramic alumina and zirconia alumina abrasive	•Up to 50% added wheel life •Up to 5 times the life versus A/O wheels on carbon steel, cast iron, stainless steel and exotic metals
•New advanced bond technology	•Longest wheel life; fastest cut rate
•1/32" thick - fastest initial cut rate	•Minimum kerf loss
•1/16" thick	•For demanding applications
•3/16" thick - exceptional control	•Longest lasting

FOR STAINLESS STEEL/METAL - Ideal for cutting all types of stainless steel and steel alloys

Part No.	Diameter	Width	Bore	Grit	Maximum R.P.M.
04096	3"	.035"	1/4"	60	25,445
03861	3"	.035"	3/8"	60	25,445
03862	3"	1/16"	1/4"	36	25,445
03863	3"	1/16"	3/8"	36	25,445
04270	3"	3/16"	3/8"	36	25,445
03507	4"	.035"	3/8"	60	19,100
03508	4"	1/16"	3/8"	36	19,100
03509	4"	1/8"	3/8"	36	19,100

CARBORUNDUM

GOLD REINFORCED ALUMINUM OXIDE ABRASIVE

Features:	***Benefits:***
•Aluminum oxide abrasive	•Fast cut rate
•Resin bond	•Free cutting action •Burn free cutting •Long life
•High strength, reinforced construction	•Resists breakage and provides straight cutting
•BFTK - side reinforced, rough sides	•Maximum cut rate; minimum kerf loss
•BFW - side reinforced, rough sides	•Versatile, durable free cutting

FOR STEEL/METAL - For cutting off ferrous metals, alloy steels and cast iron

Part No.	Diameter	Width	Bore	Grit	Maximum R.P.M.
09277	2"	.035"	1/4"	60	30,560
09276	2"	.035"	3/8"	60	30,560
09275	2"	1/16"	1/4"	36	30,560
09269	3"	.035"	1/4"	60	25,445
09268	3"	.035"	3/8"	60	25,445
09267	3"	.060"	1/4"	60	25,445
09266	3"	.060"	3/8"	60	25,445
09265	3"	1/16"	1/4"	36	25,445
09264	3"	1/16"	1/4"	60	25,445
09263	3"	1/16"	3/8"	36	25,445
09262	3"	1/16"	3/8"	60	25,445
09261	3"	1/8"	1/4"	36	25,445
09260	3"	1/8"	3/8"	36	25,445
09258	4"	.035"	1/4"	60	19,100
09257	4"	.035"	3/8"	60	19,100
09255	4"	1/16"	1/4"	36	19,100
09254	4"	1/16"	3/8"	36	19,100
09252	4"	1/8"	3/8"	36	19,100

Reinforced Cut-Off Wheels For Portable Circular Saws

REINFORCED ALUMINUM OXIDE ABRASIVE

Features:	***Benefits:***
•Aluminum oxide abrasive	•Fast cut rate
•Resin bond	•Burn free cutting •Long life
•High strength, reinforced construction	•Resists breakage and provides straight cuts

Used on hand held portable circular saws to cut steel and all types of metals

FOR STEEL/METAL (FAST CUT)					
Part No.	Diameter	Width	Bore	Grit	Maximum R.P.M.
09243	7"	1/16"	5/8"	36	8,730
09240	7"	3/32"	D.M.	24	8,730
09238	8"	1/16"	5/8"	36	7,640
FOR STAINLESS STEEL					
09249	7"	3/32"	5/8"	36	8,730

Reinforced Cut-Off Wheels For Right Angle Grinders

GOLDCUT REINFORCED ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Quality aluminum oxide abrasive	•Fast stock removal •Free cutting action
•Advanced resin bond	•Long life, with no bounce
•Unique, high strength, reinforced construction	•Provides strength for use on right angle grinders •Flexible, resilient; resists breakage
•Extra thin	•Less binding; quick cutting action

FOR STEEL/METAL - For general purpose cutting of stainless steel, steel and metal material with a right angle grinder

Type 01 - For Right Angle Grinders					
Part No.	Diameter	Width	Bore	Grit	Maximum R.P.M.
63951	4"	.045"	5/8"	60	15,280
27224	4"	3/32"	5/8"	60	15,280
63952	4½"	.045"	7/8"	60	13,580
27225	4½"	3/32"	7/8"	60	13,580
07351	4½"	3/64"	7/8"	60	13,580
63953	5"	.045"	7/8"	60	12,225
27226	5"	3/32"	7/8"	60	12,225
07352	5"	3/64"	7/8"	60	12,225
63954	6"	.045"	7/8"	60	10,185
27228	6"	3/32"	7/8"	60	10,185
32321	6"	3/64"	7/8"	60	10,185
32324	7"	1/16"	7/8"	60	8,600

Reinforced Cut-Off Wheels For Stationary Machines

GOLDCUT REINFORCED ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Aluminum oxide abrasive	•Fast cut rate on metal or steel
•Resin bond	•Burn free cutting •For dry cuts •Long life
•High strength, externally reinforced construction	•Resists breakage and provides straight cuts

FOR STEEL/METAL - For use on fixed base machines

Part No.	Diameter	Width	Bore	Grit	Maximum R.P.M.
LONG LIFE					
07063	10"	3/32"	5/8"	24	6,110
07065	14"	1/8"	1"	24	4,365
07066	16"	5/32"	1"	24	3,820
07067	20"	5/32"	1"	24	2,710
07068	20"	3/16"	1"	24	2,710
FAST CUT					
09216	10"	3/32"	5/8"	30	6,110
07069	12"	1/8"	1"	30	5,095
07070	14"	1/8"	1"	30	4,365
07072	20"	5/32"	1"	30	2,710

Reinforced Cut-Off Wheels For Chop Saws

PREMIER RED REINFORCED ZIRCONIA ALUMINA ABRASIVES

Features:	Benefits:
•Premium zirconia alumina abrasive	•Fast cut rate •3 times the life of aluminum oxide •Ideal for cutting stainless steel
•High performance resin bond	•Works best on dry cuts •Most free cutting •Long life
•High strength, externally reinforced construction	•Resists breakage and provides straight cuts

FOR STAINLESS STEEL, STEEL METAL - For use on table top machines. Best choice for cutting light tubing, angle iron, exhaust pipes, steel extrusions, stainless, alloyed steel and many non-ferrous metals.

Type 01 - For Right Angle Grinders					
Part No.	Diameter	Width	Bore	Grit	Maximum R.P.M.
LONG LIFE					
07082	14"	7/64"	1"	36	4,365
FAST CUT					
07079	12"	7/64"	1"	36	5,095
07080	14"	7/64"	1"	36	4,365
07083	16"	7/64"	1"	36	3,820

TECH TIPS

•Use Long Life chop saw wheels on machines rated 15 amps or higher

•Use Fast Cut chop saw wheels on older, lower powered machines

GOLD REINFORCED ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Quality aluminum oxide abrasive	•Fast cut rate
•Resin bond	•Burn free cutting
•High strength, externally reinforced construction	•Resists breakage and provides straight cuts

FOR STEEL/METAL - For use on table top machines. Ideal for cutting light tubing, angle iron, exhaust pipes and steel extrusions

Part No.	Diameter	Width	Bore	Grit	MAXIMUM R.P.M.
LONG LIFE					
07085	12"	7/64"	1"	36	5,095
07086	14"	3/32"	1"	36	4,365
07088	16"	7/64"	1"	36	3,820
FAST CUT					
07087	14"	7/64"	1"	36	4,365

CARBO METAL REINFORCED ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Quality aluminum oxide abrasive	•Designed for cutting alloys, steels and ferrous metals
•Low initial cost per wheel	•Ideal for on-site and small-unit jobs

FOR STEEL/METAL - Economical choice for initial price conscious customers with general purpose cut-off applications

PART NO.	DIAMETER	WIDTH	BORE	GRIT	MAXIMUM R.P.M.
61582	14"	3/32"	1"	36	4,365

CARBORUNDUM

CARBORUNDUM

Reinforced Cut-Off Wheels For High Speed Gas Saws

GOLD REINFORCED SILICON CARBIDE ABRASIVE

Features:	Benefits:
•Silicon carbide abrasive	•Fast cut rate
•Resin bond	•Free cutting action •Burn free cutting •Long life
•High strength, reinforced construction	•Resists breakage and provides straight cuts

FOR CONCRETE/MASONRY - For use on high speed gas and electric saws for cutting concrete and masonry

Part No.	Diameter	Width	Bore	Grit	MAXIMUM R.P.M.
65129	12"	1/8"	20 mm	24	6,360
65130	12"	1/8"	1"(25 mm)	24	6,360
65131	14"	1/8"	20 mm	24	5,400
65132	14"	1/8"	1"(25 mm)	24	5,400

CARBORUNDUM

GOLD REINFORCED ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Aluminum oxide abrasive	•Fast cut rate
•Resin bond	•Burn free cutting •Long life
•High strength, reinforced construction	•Resists breakage and provides straight cuts

FOR STEEL/METAL - For use on high speed gas and electric saws to cut metal or steel

Part No.	Diameter	Width	Bore	Grit	MAXIMUM R.P.M.
65124	12"	1/8"	20 mm	24	6,360
65125	12"	1/8"	1"(25 mm)	24	6,360
65126	14"	1/8"	20 mm	24	5,400
65127	14"	1/8"	1"(25 mm)	24	5,400

Tool Post Wheels

Type 1 - For Tool Post Grinders

Part No.	Diameter	Width	Bore	Grit	MAXIMUM R.P.M.
09907	2"	1/2"	3/8"	36	18,145
09906	2½"	1/2"	3/8"	36	14,515
09905	3"	1/2"	3/8"	36	12,100

ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Aluminum oxide abrasive	•Tough and durable, yet cool cutting
•Resin bond	•High strength and long life

FOR STEEL/METAL - Tool post wheels provide the first step in reconditioning heavily damaged high speed tool steel on post grinders and universal attachments on cylindrical grinders

Portable Snagging Wheels

ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Quality aluminum oxide abrasive	•Fast cut rate
•Resin bond	•Free cutting action

FOR IRON/STEEL/METAL - Economical choice for grinding steel alloys and all ferrous metals

Type 11 - For Portable Cup Grinders
Standard Back Bushing

Part No.	Diameter	Width	Bore	Grit	MAXIMUM R.P.M.
09166	4"	2"	5/8"-11	16	9,070
09162	5"	2"	5/8"-11	24	7,260
09160	6"	2"	5/8"-11	16	6,000
09159	6"	2"	5/8"-11	24	6,000

Portable Snagging Cones & Plugs

Part No.	Diameter	Width	Bore	Grit	MAXIMUM R.P.M.
Type 16 - Cones					
09154	1½"	3"	5/8"-11	24	24,190
09153	2"	3"	5/8"-11	24	18,145
09152	2¾"	3½"	5/8"-11	24	13,195
Type 17 - Cones (Square End)					
09150	1½"	3"	3/8"-24	24	24,190
09149	2"	3"	5/8"-11	24	18,145
Type 18 - Plugs (Square End)					
09145	1½"	2½"	5/8"-11	24	24,190
09144	1½"	3"	3/8"-24	24	24,190
09143	1½"	3"	5/8"-11	24	24,190
09142	2"	3"	3/8"-24	24	18,145
09141	2"	3"	5/8"-11	24	18,145
09139	3"	4"	5/8"-11	24	12,095
Type 18R - Plugs (Round End)					
09137	1½"	3"	5/8"-11	24	24,190
09136	2"	3"	5/8"-11	24	18,145
09134	3"	4"	5/8"-11	24	12,095

ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Quality aluminum oxide abrasive	•Fast stock removal
•Resin bond	•Free cutting action

FOR IRON/STEEL/METAL - Economical choice for grinding steel or iron castings, removing burrs and flash and finishing metal surfaces in confined areas

Bench & Pedestal Wheels

ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Aluminum oxide abrasive - gray	•Fast cut rate
•Vitrifies bond	•Free cutting action; long life

FOR STEEL/METAL - Ideal for removing burrs on steel parts, as well as sharpening high speed steel cutting tools. Note: Bushings included.

Type 1 - For Bench and Pedestal Grinders

Part No.	Diameter	Width	Bore	Grit	MAXIMUM R.P.M.
09978	6"	1/2"	1"	60	4,140
09976	6"	3/4"	1"	36	4,140
09975	6"	3/4"	1"	60	4,140
09974	6"	3/4"	1"	100	4,140
09973	6"	1"	1"	36	4,140
09972	6"	1"	1"	60	4,140
09971	6"	1"	1"	100	4,140
09966	7"	1"	1"	36	3,600
09965	7"	1"	1"	60	3,600
09964	7"	1"	1"	100	3,600
09962	8"	3/4"	1"	36	3,600
09961	8"	3/4"	1"	60	3,600
09960	8"	1"	1"	24	3,600
09959	8"	1"	1"	36	3,600
09956	8"	1"	1"	60	3,600
09955	10"	1"	1¼"	24	2,485
09953	10"	1"	1¼"	36	2,485
09952	10"	1"	1¼"	60	2,485
09950	10"	1¼"	1¼"	36	2,485
09948	10"	1½"	1¼"	24	2,485
09947	10"	1½"	1¼"	36	2,485
09941	12"	1½"	1½"	36	2,070
09939	12"	2"	1½"	24	2,070
09938	12"	2"	1½"	36	2,070
09937	12"	2"	1½"	60	2,070
09935	14"	2"	1½"	24	1,800
09934	14"	2"	1½"	36	1,800

CARBORUNDUM

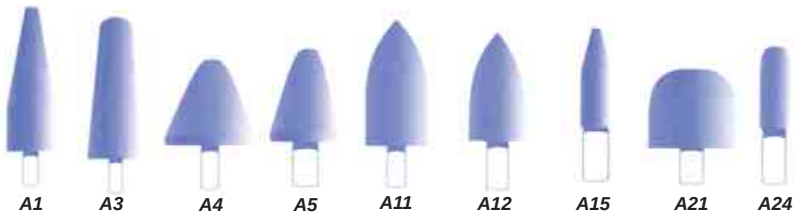
Mounting Points

ALUMINUM OXIDE ABRASIVE

Features:	Benefits:
•Aluminum oxide abrasive - gray	•Fast cut rate
•Vitrifies bond	•Free cutting action; long life

FOR STEEL/METAL - Ideal for removing burrs on steel parts, as well as sharpening high speed steel cutting tools. Note: Bushings included.

Part No.	Wheel Style	Wheel Size	Grit	MAXIMUM R.P.M.
07089	A1	3/4" x 2½"	36	20,950
07090	A1	3/4" x 2½"	60	20,950
07091	A3	1" x 2¾"	36	15,530
07092	A3	1" x 2¾"	60	15,530
07093	A4	1¼" x 1¼"	60	28,550
07094	A5	3/4" x 1⅛"	36	38,500
07095	A5	3/4" x 1⅛"	60	38,500
07096	A11	7/8" x 2"	36	25,420
07097	A11	7/8" x 2"	60	25,420
07098	A12	11/16" x 1¼"	36	38,050
07099	A12	11/16" x 1¼"	60	38,050
07101	A15	1/4" x 1-1/16"	60	50,510
07102	A21	1" x 1"	60	35,510
07104	A24	1/4" x 3/4"	60	56,000
07105	A25	1" ball	60	35,510
07106	A26	5/8" ball	60	48,980
07108	A36	1⅝" x 3/8"	60	23,510
07109	A37	1¼" x 1/4"	60	30,560
07110	A38	1" x 1"	60	35,510
07111	A39	3/4" x 3/4"	60	44,030
07112	A40	3/4" ball	60	44,030



Abrasive Cut-Off Wheels for Cut-Off Saws

12" ABRASIVE CUT-OFF WHEELS
For all ferrous materials. 1" arbor.
Part No. A-05038.

14" ABRASIVE CUT-OFF WHEELS
For all ferrous materials (steel, cast iron) and other hard metals. Single sheet, internal reinforced 1" arbor. 4,400 RPM.
Part No. A-05044.

16" ABRASIVE CUT-OFF WHEELS
For all ferrous materials. 1" arbor.
Part No. A-05050.
Part No. A-90174, 5 pcs. per pkg.

Grinder Discs & Wheels

DEPRESSED CENTRE GRINDING WHEELS
For metal polishing and general flat grinding. Aluminum oxide abrasive grains are evenly distributed to give a smooth surface. Tool must be properly guarded.

Part No.	Diameter	Width	Bore	Grit	MAXIMUM R.P.M.
741402-B	4"	3/16"	5/8"	24	13,690
741423-B	4½"	1/4"	7/8"	24	11,900
741458-1	4½"	1/4"	7/8"	36	11,900
741407-B	5"	1/4"	7/8"	24	11,000
794047-1	5"	1/4"	7/8"	36	11,000

CUT-OFF GRINDING WHEELS
For fast, clean cuts, notching and slotting. For all ferrous materials (sleet, cast iron) and other hard metals.

Part No.	Diameter	Width	Bore	Grit
724107-5	4"	3/32"	5/8"	36

ABRASIVE DISCS
For sanding metal or wood surfaces - 5 pcs. per pkg.

Part No.	Diameter	Arbor Hole	Grit
742072A-5	5"	7/8"	24
742073A-5	5"	7/8"	36
742074B-5	5"	7/8"	60
742075B-5	5"	7/8"	100

Sanding Accessories

5" HOOK & LOOP ABRASIVE DISCS
Hook and loop backing and pre-punched holes
Part No. 794518-8, #60 grit, 5 pcs. per pkg.
Part No. 794520-1, #120 grit, 5 pcs. per pkg.
Part No. 794521-9, #180 grit, 5 pcs. per pkg.

ABRASIVE BELTS - 1-1/8" x 21"
Aluminum oxide for wood, iron and metal.
Part No. 742303-3, #80 grit, 10 pcs. per pkg.
Part No. 742305-9, #120 grit, 10 pcs. per pkg.
Part No. 742336-A, #180 grit, 10 pcs. per pkg.

ABRASIVE BELTS - 3" x 24"
Aluminum oxide for wood, iron and metal.
Part No. 742312-8A, #40 grit, 10 pcs. per pkg.
Part No. 742312-8B, #60 grit, 10 pcs. per pkg.
Part No. 742312-8C, #80 grit, 10 pcs. per pkg.
Part No. 742312-8D, #100 grit, 10 pcs. per pkg.
Part No. 742312-8E, #120 grit, 10 pcs. per pkg.
Part No. 742312-8F, #150 grit, 10 pcs. per pkg.

Fibratex Hand Pads

6" x 9" HAND PADS - Feature non-woven nylon, low density product impregnated with abrasive grain. Excellent conformability and flexibility.

Non-Abrasive Grit (White) - for general cleanup, light primer rub down and paint overspray removal.
Part No. 45600.

Ultra Fine 600 Grit (Grey) - silicon carbide for denubbing between finish coats, as well as lacquer rubbing.
Part No. 63500.

Medium Grit (Grey) - silicon carbide, that is open denier, primarily used for all types of blending applications, especially on stainless steel.
Part No. 74600.

Very Fine Grit (Maroon) - a very fine (240-360 grit) aluminum oxide pad for general cleaning and finishing, removal of rust and oxidation from metals, and lightly sanding old paint or new primers.
Part No. 74700.

General Purpose Grit (Green) - an economical pad for general clean up as well as finishing stainless steel in the food processing industry.
Part No. 79600.

Heavy Duty 120 Grit (Brown) - aluminum oxide pad for aggressive action where a stiffer, coarser pad is required.
Part No. 74000.

TECH TIPS

Fibratex products are non-metallic, won't rust, and are ideal as replacement for steel wool

Fibratex Discs

GRIP-ON HP SURFACE BLENDING DISCS

Features:	***Benefits:***
•Closed structure	•Very long lasting on high pressure applications
•Coarse, medium and very fine colour coded grit sizes	•Three degrees of aggressiveness and surface finishing
•Hook and loop fastening system	•Neat, clean, application and removal

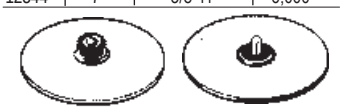
Designed for high pressure applications. Deliver a consistent finish when needed to clean, deburr, blend or produce a finish on metal, wood and plastic

Part No.	Size	Grit	Colour
12513	4"	320-Very Fine	Blue
12514	4"	120-Medium	Maroon
12515	4"	80-Coarse	Brown
12517	5"	320-Very Fine	Blue
12518	5"	120-Medium	Maroon
12519	5"	80-Coarse	Brown
12520	6"	320-Very Fine	Blue
12521	6"	120-Medium	Maroon
12522	6"	80-Coarse	Brown
12523	7"	320-Very Fine	Blue
12524	7"	120-Medium	Maroon
12525	7"	80-Coarse	Brown

BACK-UP PADS FOR GRIP-ON SURFACE BLENDING DISCS

Hook and loop fastening system.

Part No.	Diameter	Spindle Or Hole Size	Max. Rpm
62713	4"	1/4" Steel shank	18,000
12542	5"	5/8-11	10,000
62723	6"	5/8-11	8,000
12544	7"	5/8-11	6,000



FLEX-LOC TS HP SURFACE BLENDING DISCS

Features:	***Benefits:***
•Closed structure	•Very long lasting on high pressure applications
•Coarse, medium and very fine colour coded grit sizes	•Three degrees of aggressiveness and surface finishing
•Compatible with standard abrasive attachment system	•Quick, easy, mounting and removal

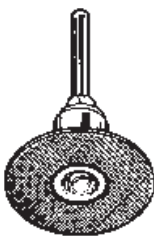
Designed for high pressure applications. Deliver a consistent finish when needed to clean, deburr, blend or produce a finish on metal, wood and plastic

Part No.	Size	Grit	Colour
12708	2"	320-Very Fine	Blue
12698	2"	120-Medium	Maroon
12688	2"	80-Coarse	Brown
12728	3"	320-Very Fine	Blue
12718	3"	120-Medium	Maroon
12709	3"	80-Coarse	Brown

BACK-UP PADS FOR FLEX-LOC TS SURFACE BLENDING DISCS

Molded rubber pad with a 1/4" steel shank for quick mounting. Unique locking device on face provides convenience and quick change. Compatible with Standard Abrasives Quick Change attachment system. Medium density for all purpose applications.

Part No.	Diameter	Max. Rpm
12842	2"	25,000
12852	3"	20,000



CARBORUNDUM

FLEX-LOC TR HP SURFACE BLENDING DISCS

Features:	***Benefits:***
•Closed structure	•Very long lasting on high pressure applications
•Coarse, medium and very fine colour coded grit sizes	•Three degrees of aggressiveness and surface finishing
•Compatible with 3M Roloc attachment system	•Quick, easy, mounting and removal

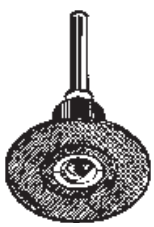
Designed for high pressure applications. Deliver a consistent finish when needed to clean, deburr, blend or produce a finish on metal, wood and plastic

Part No.	Size	Grit	Colour
20434	2"	80-Coarse	Brown
20435	3"	320-Very Fine	Blue
20436	3"	120-Medium	Maroon
20437	3"	80-Coarse	Brown

BACK-UP PADS FOR FLEX-LOC TR SURFACE BLENDING DISCS

Molded rubber pad with a 1/4" steel shank for quick mounting. Unique locking device on face provides convenience and quick change. Compatible with 3M Roloc attachment system. Medium density for all purpose applications.

Part No.	Diameter	Max. Rpm
12539	2"	25,000
12540	3"	20,000



PREMIER RED ALUMINUM OXIDE DRI-LUBE RESIN PAPER OPEN STICK-ON

Features:	Benefits:
•P-graded, heat treated, aluminum oxide abrasive	•30% to 50% faster cut rate than other discs •Consistent scratch pattern and finish
•Full resin bond system	•Improved grain adhesion and longest disc life
•Unique fibre-reinforced, B-weight, latex-saturated backing	•50% - 60% improvement in tear strength, superior resistance to delamination •Flexible; can be used wet
•PSA (pressure sensitive adhesive) backing	•Easy application and removal
•Special, undyed stearate oversize	•Superior load resistance and extended life •No colour transfer to work

Best choice for sanding all paints, primers, plastics and fiberglass. Also suited for sealer and wash coats in wood furniture.

Part No.	Size	Grit	Rolls/Case
Link Disc Roll - 100 Discs/Roll			
18162	6"	800	4 rolls
18163	6"	600	4 rolls
18164	6"	400	4 rolls
18165	6"	320	4 rolls
18166	6"	280	4 rolls
18167	6"	240	4 rolls
18168	6"	220	4 rolls
18169	6"	180	4 rolls
18170	6"	150	4 rolls
18171	6"	120	4 rolls
18172	6"	100	4 rolls
18173	6"	80	4 rolls

Part No.	Size	Grit	Discs/Pkg.
Individual Discs			
20294	6"	1500	100
20295	6"	1200	100
20296	6"	1000	100

BACK-UP PADS FOR STICK-ON DISCS

Vinyl-faced pad for use with Stick-On discs or conventional discs using disc adhesive. 10,000 Max. Rpm.
Part No. 12021, 5" x 5/16" -24 shank
Part No. 12022, 6" x 5/16" -24 shank

CARBO GOLD ALUMINUM OXIDE DRI-LUBE RESIN PAPER OPEN STICK-ON

Features:	Benefits:
•Premium, P-graded, light brown, aluminum oxide abrasive	•Fast cut, long life
•Durable C-weight backing	•High tear resistance
•PSA (pressure sensitive adhesive) backing	•Easy application and removal
•Special, undyed stearate oversize	•Excellent load resistance •No pigment transfer

Ideal for sanding paints, primers, plastics and fibreglass. As well as whitewood sanding, clean-up and repair.

Part No.	Size	Grit	Rolls/Case
Link Disc Roll - 100 Discs/Roll			
10545	5"	400	4 rolls
10546	5"	320	4 rolls
10548	5"	240	4 rolls
10549	5"	220	4 rolls
10550	5"	180	4 rolls
10552	5"	150	4 rolls
10553	5"	120	4 rolls
10554	5"	100	4 rolls
10555	5"	80	4 rolls
10557	6"	400	4 rolls
10558	6"	320	4 rolls
10560	6"	240	4 rolls
10561	6"	220	4 rolls
10562	6"	180	4 rolls
10563	6"	150	4 rolls
10565	6"	120	4 rolls
10566	6"	100	4 rolls
10567	6"	80	4 rolls

PREMIER RED ZIRCONIA ALUMINA RESIN PAPER OPEN STICK-ON

Features:	Benefits:
•Premium zirconia alumina abrasive	•Fast removal rates •Extended life
•Full phenolic resin bond system plus latex	•Maximum durability plus flexibility •Excellent grain adhesion
•E-weight latex paper backing	•Reduced edge shed •Greater flexibility
•PSA backing	•Easy application and removal

Best choice for stripping paint and rust, as well as blending welds.

Part No.	Size	Grit	Discs/Pkg.
Individual Discs			
21300	6"	80	50
21301	6"	40	50
21302	6"	36	50
21303	8"	80	25
21304	8"	40	25
21305	8"	36	25

Grip-On Discs

Part No.	Size	Grit	Discs/Pkg.
Individual Discs			
20252	5"	1500	100
20253	5"	1200	100
20254	5"	1000	100
20255	5"	800	100
20256	5"	600	100
20257	5"	400	100
20258	5"	320	100
20259	5"	280	100
20260	5"	240	100
20262	5"	220	100
20263	5"	180	100
20264	5"	150	100
20266	5"	120	100
20267	5"	100	100
20269	5"	80	100

Part No.	Size	Grit	Discs/Pkg.
Individual Discs			
20270	6"	1500	100
20271	6"	1200	100
20272	6"	1000	100
20274	6"	800	100
20275	6"	600	100
20276	6"	400	100
20277	6"	320	100
20278	6"	280	100
20282	6"	240	100
20283	6"	220	100
20284	6"	180	100
20285	6"	150	100
20287	6"	120	100
20288	6"	100	100
20289	6"	80	100

PREMIER RED ALUMINUM OXIDE DRI-LUBE RESIN PAPER OPEN GRIP-ON

Features:	Benefits:
•P-graded, heat treated, aluminum oxide abrasive	•30% to 50% faster cut rate than other discs •Consistent scratch pattern and finish
•Full resin bond system	•Improved grain adhesion and longest disc life
•Unique fibre-reinforced, B-weight, latex-saturated backing	•50% - 60% improvement in tear strength, superior resistance to delamination •Flexible; can be used wet
•Hook and loop fastening system	•Neat, clean application and removal •Can be re-used
•Special, undyed stearate oversize	•Superior load resistance and extended life •No colour transfer to work

Best choice for sanding all paints, primers, plastics and fiberglass. Also suited for sealer and wash coats in wood furniture.

CARBORUNDUM

Grip-On Discs

PREMIER RED ZIRCONIA ALUMINA RESIN PAPER OPEN GRIP-ON

Features:	Benefits:
•Premium zirconia alumina abrasive	•Fast removal rates •Extended life
•Full phenolic resin bond system plus latex	•Maximum durability plus flexibility •Excellent grain adhesion
•E-weight latex paper backing	•Reduced edge shed •Greater flexibility
•Hook and loop fastening system	•Neat. clean application and removal •Can be re-used

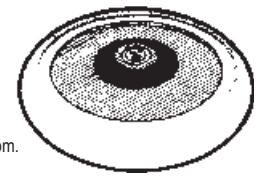
Best choice for stripping paint and rust, as well as blending welds.

Part No.	Size	Grit	Discs/Pkg.
Individual Discs			
21315	6"	80	25
21316	6"	40	25
21319	8"	40	25
21320	8"	36	25

BACK-UP PADS FOR GRIP-ON DISCS

Back-up pad for use with Grip-On discs. Incorporates unique hook and loop fastening system for neat, clean application and removal.

Part No. 12028, 5" x 5/16" -24 shank, 10,000 Max. Rpm.
Part No. 12029, 6" x 5/16" -24 shank, 10,000 Max. Rpm.
Part No. 12030, 8" x 1/2" x 5/8" -11 thread, 4,800 Max. Rpm.



CARBO GOLD ALUMINUM OXIDE DRI-LUBE RESIN PAPER OPEN GRIP-ON

Features:	Benefits:
•P-graded, light brown, aluminum oxide abrasive	•Fast cut, long life
•C-weight backing	•Durable, high tear resistance
•Hook and loop fastening system	•Neat, clean application and removal
•Special, undyed stearate oversize	•Excellent load resistance •No pigment transfer

Ideal for sanding paints, primers, plastics and fibreglass. As well as whitewood sanding, clean-up and repair.

Part No.	Size	Grit	Discs/Pkg.
Individual Discs			
20115	5"	320	100
20118	5"	220	100
20119	5"	180	100
20120	5"	150	100
20121	5"	120	100
20122	5"	100	100
20123	5"	80	100
20125	6"	400	100
20126	6"	320	100
20129	6"	220	100
20130	6"	180	100
20131	6"	150	100
20132	6"	120	100
20133	6"	100	100
20134	6"	80	100

Resin Fibre Discs

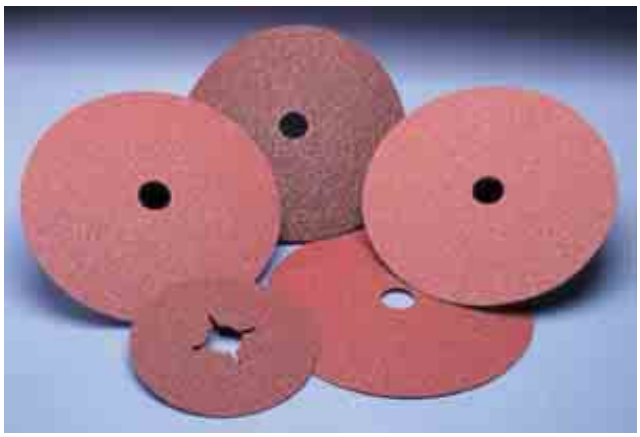
PREMIER RED ZIRCONIA ALUMINA RESIN FIBRE

Features:	Benefits:
•Premium ceramic and high performance zirconia alumina abrasive blend	•Longer life, especially on hard-to-grind materials •Ultra tough, aggressive yet cool cutting and self sharpening
•Resin bond	•Increased strength, durability and grain adhesion
•Reactive filler	•Enhanced grinding action
•Heavy fibre backing	•Strength and tear resistance

Ideal for heavy duty grinding of welds, gates, risers and parting lines on castings and carbon steels. The best choice for stainless steel.

Part No.	Size	Grit	Discs/Pkg.
Individual Discs			
20019*	4½" x 7/8"	80	25
20034*	4½" x 7/8"	60	25
20086*	4½" x 7/8"	50	25
20087*	4½" x 7/8"	36	25
20088*	4½" x 7/8"	24	25
20055	5" x 7/8"	80	25
20069	5" x 7/8"	60	25
10711	5" x 7/8"	50	25
10712	5" x 7/8"	36	25
10713	5" x 7/8"	24	25
20076	7" x 7/8"	80	25
20077	7" x 7/8"	60	25
10720	7" x 7/8"	50	25
10721	7" x 7/8"	36	25

*Slotted



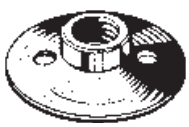
BACK-UP PADS FOR RESIN FIBRE DISCS

For all-purpose fibre disc sanding. Curved ribs on pad face reduce loading and allow for cooler cut. Fits 5/8" -11 arbor.

Part No. 62582, 4-1/2" medium air-cooled, 11,000 Max. Rpm.
Part No. 12033, 5" medium air-cooled, 10,000 Max. Rpm.
Part No. 12032, 7" medium air-cooled , 8,600 Max. Rpm.

PAD NUT FOR RESIN FIBRE DISCS

Used to secure resin fibre discs to back-up pad.
Part No. 12568, 5/8" -11.



ALUMINUM OXIDE RESIN FIBRE

Features:	Benefits:
•Heat-treated aluminum oxide abrasive	•Aggressive yet cool cutting with long life
•Resin bond	•Increased strength, durability and grain adhesion
•Heavy fibre backing	•Strength and tear resistance
•Reactive filler	•Enhanced grinding action

Ideal for rust, bare metal, welds and stainless steel.

Part No.	Size	Grit	Discs/Pkg.
Individual Discs			
10589*	4" x 5/8"	120	25
10590*	4" x 5/8"	100	25
10591*	4" x 5/8"	80	25
10592*	4" x 5/8"	60	25
10593*	4" x 5/8"	50	25
10594*	4" x 5/8"	36	25
10595*	4" x 5/8"	24	25
10596*	4½" x 7/8"	120	25
10597*	4½" x 7/8"	100	25
10598*	4½" x 7/8"	80	25
10600*	4½" x 7/8"	60	25
10601*	4½" x 7/8"	50	25
10602*	4½" x 7/8"	36	25
10603*	4½" x 7/8"	24	25
10673	5" x 7/8"	120	25
10674	5" x 7/8"	100	25
10675	5" x 7/8"	80	25
10676	5" x 7/8"	60	25
10680	5" x 7/8"	50	25
10682	5" x 7/8"	36	25
10683	5" x 7/8"	24	25
10684	5" x 7/8"	16	25
10685	7" x 7/8"	120	25
10686	7" x 7/8"	100	25
10688	7" x 7/8"	80	25
10689	7" x 7/8"	60	25
10690	7" x 7/8"	50	25
10691	7" x 7/8"	36	25
10692	7" x 7/8"	24	25
10693	7" x 7/8"	16	25

*Slotted

CARBORUNDUM

MERIT ABRASIVES

Resin Fibre Discs – Low Cost/ High Performance

RESIN FIBRE DISC ADVANTAGE - manufactured with specially formulated bonding resins to minimize loading, glazing and grain stripping, the individually coated discs ensure consistent abrasive grain to the edge. Sold individually. 25 per box.

ZIRCONIA RESIN FIBRE DISCS

Part No.	Size	Grit	Discs/ Pkg.
Individual Discs			
53315C	4½" x 7/8"	24	25
53316C	4½" x 7/8"	36	25
53318C	4½" x 7/8"	50	25
53319C	4½" x 7/8"	60	25
53320C	4½" x 7/8"	80	25
57290C	5" x 7/8"	24	25
57291C	5" x 7/8"	36	25
57292C	5" x 7/8"	50	25
57293C	5" x 7/8"	60	25
57294C	5" x 7/8"	80	25
57295C	7" x 7/8"	24	25
57296C	7" x 7/8"	36	25
57297C	7" x 7/8"	50	25
57298C	7" x 7/8"	60	25
57299C	7" x 7/8"	80	25

MERIT
we know abrasives

ALUMINUM OXIDE RESIN FIBRE DISCS

Part No.	Size	Grit	Discs/ Pkg.
Individual Discs			
53309C	4½" x 7/8"	24	25
53306C	4½" x 7/8"	36	25
53310C	4½" x 7/8"	50	25
53311C	4½" x 7/8"	60	25
53312C	4½" x 7/8"	80	25
53313C	4½" x 7/8"	100	25
53314C	4½" x 7/8"	120	25
57276C	5" x 7/8"	24	25
57277C	5" x 7/8"	36	25
57278C	5" x 7/8"	50	25
57279C	5" x 7/8"	60	25
57280C	5" x 7/8"	80	25
57281C	5" x 7/8"	100	25
57282C	5" x 7/8"	120	25
57283C	7" x 7/8"	24	25
57284C	7" x 7/8"	36	25
57285C	7" x 7/8"	50	25
57286C	7" x 7/8"	60	25
57287C	7" x 7/8"	80	25
57288C	7" x 7/8"	100	25
57289C	7" x 7/8"	120	25

CERAMIC RESIN FIBRE DISCS

Part No.	Size	Grit	Discs/ Pkg.
Individual Discs			
55601C	4½" x 7/8"	24	25
55602C	4½" x 7/8"	36	25
55603C	4½" x 7/8"	50	25
55604C	4½" x 7/8"	60	25
55597C	5" x 7/8"	24	25
55598C	5" x 7/8"	36	25
55599C	5" x 7/8"	50	25
55600C	5" x 7/8"	60	25
55578C	7" x 7/8"	24	25
55594C	7" x 7/8"	36	25
55595C	7" x 7/8"	50	25
55596C	7" x 7/8"	60	25

CARBORUNDUM

E-ZView Edger Flex-Loc Discs

PREMIER RED ZIRCONIA ALUMINA RESIN FIBRE

Features:	Benefits:
•Premium ceramic and high performance ziconia alumina abrasive blend	•Long life, especially on hard-to-grind materials •Ultra tough, aggressive yet cool cutting and self sharpening
•Resin bond	•Increased strength, durability and grain adhesion
•Reactive filler	•Enhanced grinding action
•Heavy fibre backing	•Strength and tear resistance
•Round edge shape	•Ideal for reaching into grooves, sharp edges, and hard-to-grind corners where work is done at a steeper angle
•Scooped holes	•Create air flow to remove swarf - preventing loading - and a 30% cooler cutting action than conventional discs.
•Flex-Loc mount	•Quick, tool-free changing of discs

Ideal for heavy duty grinding of welds, gates, risers and parting lines on castings and carbon steels. The best choice for stainless steel.

Part No.	Size	Grit	Discs/ Pkg.
Individual Discs			
63969	4½"	24	10
63970	4½"	36	10

CARBORUNDUM

ALUMINUM OXIDE RESIN FIBRE

Features:	Benefits:
•Heat-treated, aluminum oxide abrasive	•Tough with aggressive cutting action
•Resin bond	•Durable and strong
•Heavy fibre backing	•Strength and tear resistance
•Round edge shape	•Ideal for reaching into grooves, sharp edges, and hard-to-grind corners where work is done at a steeper angle
•Scooped holes	•Create air flow to remove swarf - preventing loading - and a 30% cooler cutting action than conventional discs.
•Flex-Loc mount	•Quick, tool-free changing of discs

The economical choice for rust, bare metal, welds and stainless steel when initial price is the main consideration.

Part No.	Size	Grit	Discs/ Pkg.
Individual Discs			
63964	4½"	24	10
63965	4½"	36	10
63966	4½"	50	10
63967	4½"	60	10
63968	4½"	80	10
63830	7"	24	10
63831	7"	36	10
63832	7"	50	10
63833	7"	60	10
63834	7"	80	10

E-ZView Edger Flex-Loc Discs

FIBRATEX E-ZVIEW

Features:	Benefits:
•Non-woven web design	•Conformable, controlled cutting action •Minimizes undercutting and gouging
•Advanced resin system	•Resists loading
•Round edge shape	•Ideal for reaching into grooves, sharp edges, and hard-to-grind corners where work is done at a steeper angle
•Scooped holes	•Allow operator to see the surface area being ground •Create air flow to remove swarf - preventing loading - and a 30% cooler cutting action than conventional discs.
•Flex-Loc mount	•Quick, tool-free changing of discs

Deliver a consistent finish when used to clean, deburr, blend or finish all types of metal and plastic. Ideal for the removal of rust, oxidation, and coatings.

Part No.	Description	Discs/ Pkg.
Individual Discs		
63955	4½" disc, coarse	40
63956	4½" disc, medium	40
63957	4½" disc, very fine	40
63960	7" disc, coarse	40
63959	7" disc, medium	40
63958	7" disc, very fine	40

E-ZVIEW EDGER FLEX-LOC BACK-UP PADS

Designed exclusively for use with E-ZView Flex-Loc discs. These back-up pads allow easy, tool-free mounting. Specially designed mounting hole for easy alignment. The recessed lock-nut automatically lines disc up with back-up pad and allows disc to contact work surface.

Part No. 63975, 4½" x 5/8-11 back-Up Pad, 13,000 Max. Rpm.
Part No. 63836, 7" x 5/8-11 medium density back-up pad, 8,600 Max. Rpm.

Flap Discs

PREMIER RED ZIRCONIA ALUMINA RESIN FIBRE

Features:	Benefits:
•Grind and finish at the same time	•No switching from depressed center wheel to resin fibre disc
•Fits same type grinder as resin fibre disc and depressed center wheel	•Elimanates need for special tools
•Type 27 Plastic - flat face, plastic back •High performance blend of ceramic and zirconia abrasives	•Plastic back wears away with abrasives for longer life •Requires less pressure to work at maximum performance •More forgiving than Type 29 - producing smooth finishes
•Type 29 - angled flaps, conical, slightly concaved design •Increased area of contact	•Built-in angle for grinding •Minimizes workpiece gouging •Aggressive action, high stock removal rates; durable •Ideal for flat surfaces •Excellent on soft metals; increased versatility •Best choice when speed is the main consideration

Ideal for metal grinding and polishing, especially for weld bead grinding on fine carbon and stainless steel.

Part No.	Size	Grit	Max. RPM
Individual Discs - TYPE 29			
18610	4" x 5/8"	120	15,000
18613	4" x 5/8"	80	15,000
18615	4" x 5/8"	60	15,000
18616	4" x 5/8"	40	15,000
18617	4" x 5/8"	36	15,000
18619	4½" x 7/8"	120	13,000
18620	4½" x 7/8"	80	13,000
18621	4½" x 7/8"	60	13,000
18622	4½" x 7/8"	40	13,000
18623	4½" x 7/8"	36	13,000
18624	4½" x 7/8"	24	13,000
18625	5" x 7/8"	120	12,000
18626	5" x 7/8"	80	12,000
18627	5" x 7/8"	60	12,000
18628	5" x 7/8"	40	12,000
18629	5" x 7/8"	36	12,000
18630	5" x 7/8"	24	12,000
18631	7" x 7/8"	120	8,600
18633	7" x 7/8"	60	8,600
18634	7" x 7/8"	40	8,600
18635	7" x 7/8"	36	8,600
Individual Discs - TYPE 27			
67811	4½" x 7/8"	40	13,000
67812	4½" x 7/8"	60	13,000
67813	4½" x 7/8"	80	13,000
70054	5" x 7/8"	40	12,000
70055	5" x 7/8"	60	12,000
70056	5" x 7/8"	80	12,000
70057	7" x 7/8"	40	8,600
70058	7" x 7/8"	60	8,600
70059	7" x 7/8"	80	8,600

CARBORUNDUM

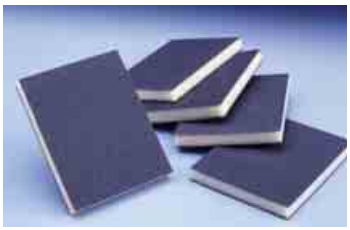
CARBORUNDUM
Flex-Loc TR Discs

Part No.	Size	Grit	Discs/ Pkg.
Individual Discs			
62482	2"	80	25
62480	2"	60	25
62478	2"	50	25
62476	2"	36	25
62490	3"	80	25
62488	3"	60	25
62486	3"	50	25
62484	3"	36	25

MEDALIST CERAMIC ALUMINA RESIN CLOTH

Features:	Benefits:
•Premium performance ceramic alumina abrasive	•Aggressive cut •Self-sharpening
•Grinding aid coating	•Long life, burn-free grinding of heat sensitive materials •Minimal loading
•Heavy, 2-ply construction	•Extended durability •Reduced edge wear
•Flex-Loc TR fastening system	•Quick, easy mounting and removal

Light to medium weld removal and blending, paint stripping and gasket removal.



Flexible Sanding Sponges

Ideal for sanding sealer and wash coats in wood furniture and cabinets, and for touch-up or repair of primer. 4¾" x 3¾" x 1/2". 2 sided.
Part No. 13712, Fine grading
Part No. 13711, Medium grading
Part No. 13710, Coarse grading

Rolls

GRIT	PART NUMBERS			
	1" x 10 Yard Handy Rolls	1" x 50 Yard Economy Rolls	1-1/2" x 50 Yard Economy Rolls	2" x 50 Yard Economy Rolls
600	-	29318	29329	29340
400	-	29319	29330	29341
320	29311	29320	29331	29342
280	-	29321	29332	29343
240	29312	29322	29333	29344
220	-	29323	29334	29345
180	29313	29324	29335	29346
150	29314	29325	29336	29347
120	29315	29326	29337	29348
100	29316	29327	29338	29349
80	29317	29328	29339	29350

ALUMINUM OXIDE RESIN CLOTH

Features:	Benefits:
•P-graded, brown aluminum oxide abrasive	•Tough and durable
•Advanced full resin bond system	•Exceptional grain adhesion for longer life
•New orange J-weight backing with increased flexibility	•Superior conformability to complex surface and better finishes
•Dispenser box	•Convenience

Ideal for cleaning and deburring metal surfaces. May be used dry or with oil. Easily dispensed from the package. Cut or tear to desired length.

Sheets

PREMIER RED ALUMINUM OXIDE DRI-LUBE RESIN PAPER OPEN

Features:	Benefits:
•P-graded, heat-treated, aluminum oxide abrasive	•Consistent finish without a deep scratch
•Full resin bond system	•Improved grain adhesion and longest life
•Unique fibre-reinforced, B-weight latex-saturated backing	•50% - 60% improvement in tear strength, superior resistance to delamination •Flexible; can be used wet
•Special, undyed stearate oversize	•Superior load resistance and extended life •No colour transfer to work

Ultimate choice for machine and hand sanding of paints, primers, light metals and basecoat/clearcoat paints

Part No.	Size	Grit	Sheets/ Pkg.
Individual Sheets			
20526	9" x 11"	1200	100
20527	9" x 11"	1000	100
14148	9" x 11"	800	100
20528	9" x 11"	600	100
20529	9" x 11"	400	100
20530	9" x 11"	320	100
20531	9" x 11"	280	100
20532	9" x 11"	240	100
20533	9" x 11"	220	100
20534	9" x 11"	180	100
20535	9" x 11"	150	100
20536	9" x 11"	120	100

CARBO GOLD ALUMINUM OXIDE DRI-LUBE PAPER OPEN

Features:	Benefits:
•Premium, P-graded, light brown, aluminum oxide abrasive	•Fast cut, long life with consistent finish
•A-weight paper	•Increased flexibility
•Stearate oversize	•Improved load resistance

For hand and machine sanding of paint, primer, plastics and fibreglass, as well as white-wood clean-up and repair.

Part No.	Size	Grit	Sheets/ Pkg.
Individual Sheets			
30470	9" x 11"	600	100
30471	9" x 11"	400	100
30472	9" x 11"	320	100
30474	9" x 11"	240	100
30475	9" x 11"	220	100
30476	9" x 11"	180	100
30480	9" x 11"	150	100
30477	9" x 11"	120	100
30478	9" x 11"	100	100
30479	9" x 11"	80	50

Sheets

RED-BACK SILICON CARBIDE WATERPROOF PAPER

Features:	Benefits:
•Sharp, strong silicon carbide abrasive	•Exceptional finishes in wet applications
•Full resin bond	•Longer life in wet applications
•A-weight waterproof paper backing	•Extremely flexible •Wet-curl resistance •Environmental stable: resists humidity-caused curling

Exceptional finishing in wet applications.

Part No.	Size	Grit	Sheets/ Pkg.
Individual Sheets			
63859	9" x 11"	600	50
63860	9" x 11"	500	50
63861	9" x 11"	400	50
63862	9" x 11"	360	50
63863	9" x 11"	320	50
63864	9" x 11"	280	50
63865	9" x 11"	240	50
63866	9" x 11"	220	50

SILICON CARBIDE WATERPROOF PAPER

Features:	Benefits:
•Silicon carbide abrasive	•Ideal for finish sanding
•Resin bond	•Excellent grain adhesion
•Waterproof paper backing	•Strength and resistance to deterioration when used wet

May be used wet or dry on plastic or painted surfaces. Best results are obtained when used wet. Excellent for machine and hand rubbing of lacquer, urethane and varathane between coats. Ideal for obtaining fine finishes and feather-edging painted surfaces.

Part No.	Size	Grit	Sheets/ Pkg.
Individual Sheets			
10793	9" x 11"	180	50
10794	9" x 11"	150	50
10795	9" x 11"	120	50
10796	9" x 11"	100	50
10797	9" x 11"	80	50
10798	9" x 11"	60	50

ALUMINUM OXIDE PAPER OPEN

Features:	Benefits:
•P-graded, aluminum oxide abrasives	•Tough and durable

Ideal for general duty dry sanding of paint, primers, light metals and woods.

Part No.	Size	Grit	Sheets/ Pkg.
Individual Sheets			
10868	9" x 11"	150	100
10870	9" x 11"	120	100
10871	9" x 11"	100	100
10872	9" x 11"	80	50
10873	9" x 11"	60	50
10874	9" x 11"	50	50
10875	9" x 11"	40	25
10876	9" x 11"	36	25

ALUMINUM OXIDE CLOTH

Features:	Benefits:
•P-graded, aluminum oxide abrasive	•Tough and durable
•Advanced full resin bond system	•Exceptional grain adhesion for long life
•*New orange J-weight backing with increased flexibility	•Superior conformability to complex surfaces and better finishes

Ideal for hand sanding, deburring, polishing and removing cutting tool marks on all metal parts.

Part No.	Size	Grit	Sheets/ Pkg.
Individual Sheets			
29351*	9" x 11"	600	50
29352*	9" x 11"	400	50
29353*	9" x 11"	320	50
29354*	9" x 11"	280	50
29355*	9" x 11"	240	50
29356*	9" x 11"	220	50
29357*	9" x 11"	180	50
29358*	9" x 11"	150	50
29359*	9" x 11"	120	50
29360*	9" x 11"	100	50
29361*	9" x 11"	80	25
11143	9" x 11"	60	25
11103	9" x 11"	50	25
10988	9" x 11"	40	25

EMERY CLOTH

Features:	Benefits:
•Natural emery abrasive	•Soft by nature for light abrading and sanding
•Flexible cotton backing	•Follows shapes and contours

Used for removing light burrs and cleaning and polishing metals. May be used dry or with oil.

Part No.	Size	Grit	Sheets/ Pkg.
Individual Sheets			
10885	9" x 11"	Fine	50
10886	9" x 11"	Medium	50
10887	9" x 11"	Coarse	25

EMERY POLISHING PAPER

Features:	Benefits:
•Ultra fine emery powder	•Least aggressive cut

Ideal for all fine metal polishing applications.

Part No.	Size	Grit	Sheets/ Pkg.
Individual Sheets			
12321	9" x 13¾"	4/0	100
12322	9" x 13¾"	3/0	100
12323	9" x 13¾"	2/0	100

ALUMINUM OXIDE WATERPROOF PAPER

Features:	Benefits:
•P-graded, aluminum oxide abrasive	•Consistent finish without a deep scratch
•Resin bond	•Excellent grain adhesion
•Waterproof paper backing	•Strength and resistance to deterioration when used wet

Ideal for removing surface imperfections in acrylic lacquers, enamels, urethanes and clearcoats. Use wet for best results.

Part No.	Size	Grit	Sheets/ Pkg.
Individual Sheets			
61065	9" x 11"	1500	250

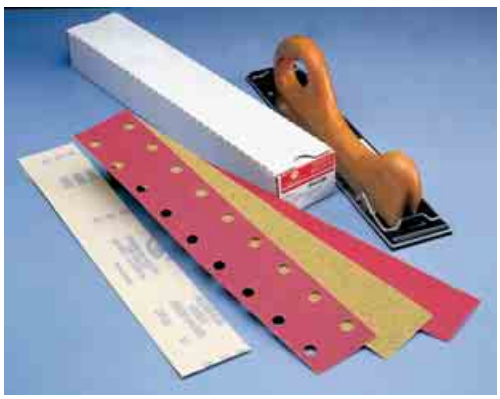
Marine File Strips

PREMIER RED ZIRCONIA ALUMINA RESIN PAPER OPEN

Features:	Benefits:
•Premium zirconia alumina abrasive	•Fast removal rates •Extended life
•Full phenolic resin bond system plus latex	•Maximum durability plus flexibility •Excellent grain adhesion
•E-weight latex paper backing	•Reduced edge shed •Flexible

Best choice for blending and shaping all types of marine fillers.

CARBORUNDUM



Stick-On Marine File Strips

Part No.	Size	Grit	Sheets/ Pkg.
Individual Sheets			
21336	2¾" x 16½"	80	50
21337	2¾" x 16½"	40	50
21338	2¾" x 16½"	36	50

Grip-On Marine File Strips

Part No.	Size	Grit	Sheets/ Pkg.
Individual Sheets			
21342	2¾" x 16½"	80	25
21343	2¾" x 16½"	40	25
21344	2¾" x 16½"	36	25

Clip-On Marine File Strips

Part No.	Size	Grit	Sheets/ Pkg.
Individual Sheets			
21348	2¾" x 17½"	80	50
21349	2¾" x 17½"	40	50
21350	2¾" x 17½"	36	50

CARBORUNDUM

Back-Up Pads

FOR STICK-ON DISCS
Vinyl-faced pad for use with Stick-On discs or conventional discs using disc adhesive.

FOR STICK-ON VACUUM DISCS
Vinyl-faced pad for use with Stick-On discs with standard 5" vacuum hole patterns.

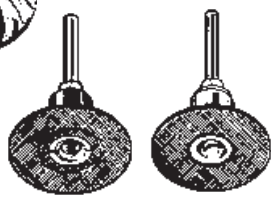
FOR GRIP-ON DISCS
Back-up pad for use with Grip-On discs. Incorporates unique hook and loop fastening system for neat, clean application and removal.

FOR GRIP-ON VACUUM DISCS
Unique hook and loop fastening system for use with standard 5" and 6" vacuum hole patterns.

FOR RESIN FIBRE DISCS
For all-purpose fibre disc sanding. Curved ribs on pad face reduce loading and allow for cooler cut. Fits 5/8" -11 arbor.

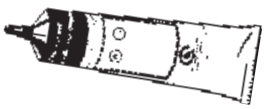
FOR FLEX-LOC TR & TS CLOTH DISCS
Molded rubber pad with steel shank for quick mounting. Medium density for all purpose applications. Unique locking device on face provides convenience and quick change.

Part No.	Description	Max. RPM
	For Stick-On Discs	
12021	5" x 5/16" -24 shank	10,000
12022	6" x 5/16" -24 shank	10,000
	For Stick-On Vacuum Discs	
12025	5" x 5 hole 5/16" -24 shank	10,000
	For Grip-On Discs	
12028	5" x 5/16" -24 shank	10,000
12029	6" x 5/16" -24 shank	10,000
12030	8" x 1/2" x 5/8" -11 thread	4,800
	For Grip-On Vacuum Discs	
20358	5" x 5 hole 5/16" -24 shank	10,000
20359	6" x 6 hole 5/16" -24 shank	10,000
	For Resin Fibre Discs	
62582	4½" medium air-cooled	11,000
12033	5" medium air-cooled	10,000
12032	7" medium air-cooled	8,600
	For Flex-Loc TR & TS Cloth Discs	
12539	2" Flex-Loc TR	25,000
12842	2" Flex-Loc TS	25,000
12540	3" Flex-Loc TR	20,000
12852	3" Flex-Loc TS	20,000



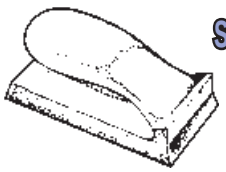
Pad Nut / Disc Cement

PAD NUT FOR RESIN FIBRE DISCS
Used to secure resin fibre discs to back-up pad. 5/8" - 11.
Part No. 12568.

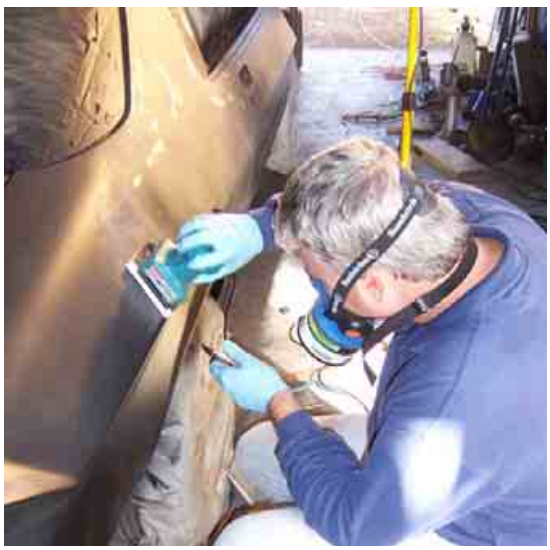


DISC CEMENT
Pressure sensitive adhesive for attaching discs to back-up pads. 148 ml tube.
Part No. 12009.

Sanding Block For Stick-On Rolls



FOR STICK-ON ROLLS
Rectangular pad for hand sanding with Stick-On rolls.
2¾" x 5½" hand pad.
Part No. 12031.



Hookit™ Sanding Discs & Accessories

GREEN CORPS™ HOOKIT™ REGALITE™ DISCS

Uniquely blended mineral. Tough "E" weight backing. Fast-cutting, longer lasting. Hookit attachment system allows easy application to and removal from the disc pad. Excellent for stripping paint or sanding plastic filler.

Part No.	Size	Grit	Discs/ Pkg.
00512	6"	80	25
00515	6"	40	25
00520	8"	100	25
00521	8"	80	25
00522	8"	60	25
00524	8"	40	25

CRYSTAL BAY™ HOOKIT™ DISCS

These discs contain Fre-Cut™ coating to ensure they cut longer without loading, ensuring less deep scratches. They are fast cutting and long lasting to increase output in the autobody shop. Discs can be attached and removed quickly and easily.

Part No.	Size	Grit	Discs/ Pkg.
02274	6"	400	50
02275	6"	320	50
02276	6"	240	50
02277	6"	220	50
02278	6"	180	50
02279	6"	150	50
02280	6"	120	50
02281	6"	100	50
02282	6"	80	50
02283	6"	80 D	50
02284	6"	40 D	50

HOOKIT™ FINISHING FILM DISCS

Hook and loop attachment system. For use in scuff sanding before painting. To remove runs, dust nibs and excess orange peel from topcoat finishes. A high performance aluminum oxide. Cuts fast, lasts long, resists loading and leaves a consistent finish.

Part No.	Size	Grit	Discs/ Pkg.
00950	6"	1500	100
00968	6"	1200	100
00969	6"	1000	100
00970	6"	800	100
00991	6"	600	100

HOOKIT™ 6" DISC PAD

Specifically made to use with 3M Hookit discs. Pad face securely holds the discs yet allows for easy change and reattachment of discs. Lightweight, shock-resistant and well balanced. Tough, durable plastic hub and a conformable foam body are designed for a maximum operating speed of 10,000 RPM.
Part No. 05776.

HOOKIT™ 8" DISC PAD

Specifically made to use with 3M Hookit discs. Pad face securely holds the discs yet allows for easy change and reattachment of discs. Edges are contoured to allow for sanding curves and close mouldings. Fits all standard (5/8" shaft) slow speed polishers with maximum operating speed of 3,000 RPM.
Part No. 05779.

HOOKIT™ HALF ROUND HAND PAD

Conformable pad with a straight edge for scuff sanding up to detail lines and moulding. Pad face provides easy attachment and removal of 6" Hookit discs.
Part No. 05792.

Stikit™ Sanding Discs

STIKIT™ GOLD DISC ROLLS

Durable and longer lasting disc product. Discs have a pressure sensitive adhesive for easy application and removal. Sold by the roll.

Part No.	Size	Grit	Discs/ Roll
01432	6"	500	175
01434	6"	400	175
01435	6"	320	175
01437	6"	240	175
01438	6"	220	175
01439	6"	180	175
01440	6"	150	175
01441	6"	120	125
01442	6"	100	125
01443	6"	80	125
01489	8"	180	125
01491	8"	120	125
01492	8"	100	125

STIKIT™ GREEN CORPS™ FRE-CUT™ DISC ROLLS

A more durable and longer lasting disc product. Pressure sensitive adhesive backing for easy application. Sold by the roll.

Part No.	Size	Grit	Discs/ Roll
01506	6"	80	100

STIKIT™ FINISHING FILM DISCS

Designed for use in scuff sanding before painting, or to remove runs, dust nibs, and excess orange peel from topcoats prior to compounding. Pressure sensitive adhesive discs. Individually linered and constructed of a high performance, aluminum oxide mineral bonded to a smooth film backing. Cuts fast, lasts long, resists loading. Leaves a consistent finish.

Part No.	Size	Grit	Discs/ Pkg.
01318	6"	1200	100
01319	6"	1000	100
01320	6"	800	100
01321	6"	600	100

GREEN CORPS™ STIKIT™ PRODUCTION DISCS

Individually linered. Pressure sensitive adhesive backed. Tough mineral/bond construction. Tough E weight backing. Fast-cutting, long lasting. Resists loading.

Part No.	Size	Grit	Discs/ Pkg.
01547	6"	40	100
01549	8"	80	50
01550	8"	40	50

CRYSTAL BAY™ STIKIT™ DISC ROLLS

Aluminum oxide mineral, good product life and loading resistance. Sold by the roll.

Part No.	Size	Grit	Discs/ Roll
01238	6"	400	100
01240	6"	320	100
01242	6"	240	100
01243	6"	220	100
01244	6"	180	100
01245	6"	150	100
01246	6"	120	100
01247	6"	100	100
01248	6"	80	100

Hookit™ Sanding Discs Accessories

STIKIT™ DISC ROLL DISPENSER

Holds two rolls of Stikit discs. Single disc can be removed with one hand. Lightweight, easy to carry.
Part No. 05450.

STIKIT™ SOFT HAND PAD - 2-3/4" WIDTH

For use with Stikit Gold Sheet Rolls and Imperial™ Colour Sanding Paper Sheets. Provides a soft controlled touch. Eliminates finger marks and edge cutting into primer and paint. Ideal for contour and light scuff sanding.
Part No. 05530.

STIKIT™ LOW PROFILE FINISHING DISC PAD

Specially designed for use with finer grades of 6" Stikit Gold, Gold Film and Stikit Finishing Film discs.
Part No. 05546.

STIKIT™ 6" DISC PAD

Specifically made to use with 3M Stikit discs. Vinyl pad face provides good disc adhesion yet allows easy disc removal. Lightweight, shock-resistant and well balanced. Tough, durable plastic hub and a conformable foam body are designed for a maximum operating speed of 10,000 RPM.
Part No. 05576.

STIKIT™ 8" DISC PAD

Specifically made to use with 3M Stikit discs. Pad face securely holds the discs yet allows for easy change and reattachment of discs. Edges are contoured to allow for sanding curves and close mouldings. Fits all standard (5/8" shaft) slow speed polishers with maximum operating speed of 3,000 RPM.
Part No. 05579.

Grinding Discs Fibre & Cloth Backed

GREEN CORPS™ ROLOC™ DISCS

Handy quick change tool for disc grinding which fits any standard 1/4" drill or air tool. Quick 1/2 turn on, 1/2 turn off speeds disc changing and cuts down time. The grit of any disc can be determined by the colour of the plastic holding button.

Part No.	Size	Grit	Colour
01396	2"	50	Green
01397	2"	36	Brown
01398	2"	24	Black
01406	3"	50	Green
01407	3"	36	Brown
01408	3"	24	Black

GREEN CORPS™ FIBRE DISCS

All purpose grinding discs for door skinning, grinding MIG welds or any kind of metal grinding. High performance grinding discs. Long lasting and fast cutting.

Part No.	Size	Grit	Colour
01921	7" x 7/8"	50	Green
01922	7" x 7/8"	36	Brown
01923	7" x 7/8"	24	Black

ROLOC™ DISC PAD ASSEMBLY

Hard rubber back-up pad. Provides firm support for Scotch-Brite™ Roloc™ Surface Conditioning Discs and Roloc™ Bristle Discs. Pad assemblies come complete with a 2" steel shaft and adapter.

Part No.	Diameter	Shaft
05538	1"	1/4" Diameter
05539	2"	1/4" Diameter
05540	3"	1/4" Diameter
05541	4"	1/4" Diameter

Roloc™ Brake Rotor Discs

ROLOC™ BRAKE ROTOR SURFACING DISCS

A premium 120 grit Roloc disc designed to create a non-directional scratch pattern on brake rotor surfaces after turning.

Part No. 01402, Bulk discs (25/bx)
Part No. 01410, Starter Pack - includes (9) 3" Roloc Brake Surfacing discs and (1) Roloc disc pad
Part No. 01411, Refill Pack - includes (12) Roloc Brake Surfacing discs

Hookit™ Abrasive Sheets

GREEN CORPS™ HOOKIT™ REGALITE™ SHEETS

Uniquely blended mineral. Tough "E" weight backing. Fast-cutting, longer lasting. Hookit attachment system allows easy application to and removal from the disc pad. Excellent for sanding plastic filler and for feather edging.

Part No.	Size	Grit	Sheets/ Box
00538	2¾" x 16½"	100	50
00539	2¾" x 16½"	80	50
00540	2¾" x 16½"	60	50
00542	2¾" x 16½"	40	50

HOOKIT™ GOLD FILM SHEETS

Hook and loop attachment system. Fre-Cut™ coating to resist loading. Designed for dry sanding with airfile hand boards or hand blocks.

Part No.	Size	Grit	Sheets/ Box
02469	2¾" x 16"	220	50
02470	2¾" x 16"	180	50
02472	2¾" x 16"	150	50
02473	2¾" x 16"	120	50
02476	2¾" x 16"	100	50

Hookit™ Abrasive Sheet Accessories

HOOKIT™ HAND BLOCKS

Made of a sturdy, durable high strength material to fit the hand comfortably. For use with 3M Hookit file sheets. #05740 is designed to use 1/3 of a Hookit sheet, #05741 uses 1/2 of a Hookit sheet.
Part No. 05740, 2¾" x 5"
Part No. 05741, 2¾" x 7¾"

HOOKIT™ HAND FILE BOARD

A well balanced durable shop tool. Resistant to most solvents. Sturdy design provides a non-twisting flat sanding surface. Hookit face allows easy attachment and removal of Hookit file sheets. 2¾" x 16".
Part No. 05744.

HOOKIT™ STRAIGHTLINE AIR FILE SHOE

Specifically designed for use on all straight air files with Hookit file sheets. Hookit face allows easy attachment and removal. Eliminates the need for mechanical clips. 2-3/4" x 16".
Part No. 05748.

Stikit™ Abrasive Sheets & Accessories

GREEN CORPS™ STIKIT™ PRODUCTION SHEETS

Pressure sensitive adhesive backed. Unique aluminum oxide mineral coating. Long lasting, fast cutting abrasive life. Excellent for sanding plastic filler and for feather edging.

Part No.	Size	Grit	Sheets/ Box
02230*	2¾" x 16½"	80	100
02231	2¾" x 16½"	40	100

*Fre-Cut™ Sheet

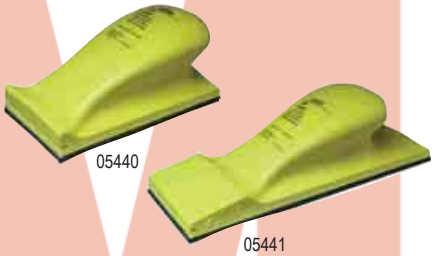
STIKIT™ GOLD SHEET ROLLS

Coated abrasive rolls with a pressure sensitive adhesive backing. Use with Stikit double roll dispenser (#05452). Use on file shoes, sanding blocks or file boards.

Part No.	Size	Grit
02589	2¾" x 45 yds	500
02590	2¾" x 45 yds	400
02591	2¾" x 45 yds	320
02593	2¾" x 45 yds	240
02595	2¾" x 45 yds	180
02597	2¾" x 30 yds	120
02598	2¾" x 30 yds	100
02599	2¾" x 25 yds	80

STIKIT™ HAND BLOCKS

Made of a sturdy, durable high strength material to fit the hand comfortably. For use with 3M Stikit sheet rolls and Green Corps Stikit filestrips. #05440 is designed to use 1/3 of a filestrip, #05441 uses 1/2 of a filestrip.
Part No. 05440, 2¾" x 5"
Part No. 05441, 2¾" x 7¾"



Wetordry™ Sandpaper Sheets

WETORDRY™ TRI-M-ITE™ PAPER SHEETS

Use for sanding old finishes, fine feather edging and surface sanding. Wetordry™ stays flexible and cuts fast.

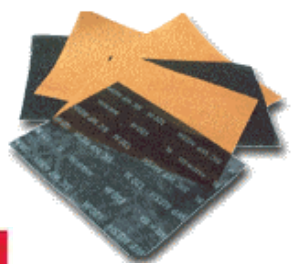
Part No.	Size	Grit	Sheets/ Pkg.
02000	9" x 11"	600	50
02002	9" x 11"	400	50
02004	9" x 11"	320	50
02006	9" x 11"	240	50
02007	9" x 11"	220	50
02014	9" x 11"	180	50
02015	9" x 11"	150	50
02016	9" x 11"	120	50
02017	9" x 11"	100	50
02018	9" x 11"	80	50

IMPERIAL™ WETORDRY™ PAPER SHEETS

Designed for light sanding prior to compounding. Sheet size eliminates the need of tearing—entire sheet can be used. Durable backing resists tearing and wrinkling.

Part No.	Size	Grit	Sheets/ Pkg.
02021	5½" x 9"	1000 UF	50
02022	5½" x 9"	1200 MF	50
02023	5½" x 9"	1500 MF	50
02044	5½" x 9"	2000 MF	50
02045	5½" x 9"	2500 MF	50

UF = Ultra Fine MF = Micro Fine



IMPERIAL™ WETORDRY™ PAPER SHEETS

Premium aluminum oxide mineral, an improved paper backing and an optimized construction. Improved rate of cut, increased abrasive life, increased flexibility, and uniform, consistent finish.

Part No.	Size	Grit	Sheets/ Pkg.
02035	9" x 11"	800	50
02036	9" x 11"	600	50
02037	9" x 11"	500	50
02038	9" x 11"	400	50
02040	9" x 11"	320	50
02041	9" x 11"	280	50
02042	9" x 11"	240	50
02043	9" x 11"	220	50

3M

Dry Sandpaper Sheets/Sanding Sponges

PRODUCTION™ PAPER SHEETS (OPEN COAT)

Dry sanding only on machine or by hand. Open coat resists loading. Works well for shaping and finishing plastic filler and feather edging.

Part No.	Size	Grit	Sheets/ Pkg.
02115	9" x 11"	80	50
02116	9" x 11"	60	50
02117	9" x 11"	50	50
02118	9" x 11"	40	50
02134	2¾" x 17½"	100	200
02135	2¾" x 17½"	80	100
02136	2¾" x 17½"	60	100
02138	2¾" x 17½"	40	100

GREEN CORPS™ PRODUCTION™ RESIN PAPER SHEETS

Dry sanding only with hand file or air file. Unique aluminum oxide mineral coating. Long lasting, fast cutting. Excellent for sanding plastic filler and feather edging.

Part No.	Size	Grit	Sheets/ Pkg.
02220*	2¾" x 17½"	80	100
02221	2¾" x 17½"	40	100

* Fre-Cut™ Sheets

PRODUCTION™ RESINITE™ FRE-CUT GOLD FILE SHEETS

Utilizes premium aluminum oxide mineral. Fast cut and long lasting.

Part No.	Size	Grit	Sheets/ Pkg.
02568	2¾" x 17½"	180	50

PRODUCTION™ RESINITE™ FRE-CUT™ GOLD PAPER SHEETS

Premium aluminum oxide mineral, an improved paper backing and an optimized construction. Improved rate of cut, increased abrasive life, increased flexibility, and uniform, consistent finish.

Part No.	Size	Grit	Sheets/ Pkg.
02536	9" x 11"	800	50
02537	9" x 11"	600	50
02538	9" x 11"	500	50
02539	9" x 11"	400	50
02540	9" x 11"	360	50
02541	9" x 11"	320	50
02542	9" x 11"	280	50
02543	9" x 11"	240	50
02544	9" x 11"	220	50
02545	9" x 11"	180	50
02546	9" x 11"	150	50
02547	9" x 11"	120	50
02548	9" x 11"	100	50
02549	9" x 11"	80	50

IMPERIAL™ SHEETS

Purple in colour. Uniquely blenderd mineral. Tough E weight. Fast cutting, long lasting. Excellent for stripping paint or sanding plastic filler.

Part No.	Size	Grit	Sheets/ Pkg.
02254	2¾" x 17½"	120	50

SOFTBACK SANDING SPONGE SHEETS

Flexible, abrasive coated foam sheets. Enable users to sand hard to reach areas such as headlight openings, around door handles, door jambs, etc. Helps eliminate finger marks and can be used wet or dry.

Part No.	Size	Grit	Sponges/ Pkg.
02600	4½" x 5½"	Microfine	20
02601	4½" x 5½"	Ultrafine	20
02602	4½" x 5½"	Superfine	20
02604	4½" x 5½"	Fine	20
02606	4½" x 5½"	Medium	20

Wetordry™ & Dry Sandpaper Accessories

WETORDRY™ RUBBER SQUEEGEES

Made of flexible rubber. 3" x 2" is used for removing slush created by sanding with water. 2¾" x 4¼" size is used for applying glazing putty or plastic filler.

Part No. 05517, 2¾" x 4¼"
Part No. 05518, 3" x 2"

RUBBER SANDING BLOCK

For use with 3M sanding sheets for block sanding. Pliable rubber block for mild contours. Eliminates highlights in work from finger pressure. Designed to hold sandpaper sheets securely. Sheet size: 2¾" x 9".
Part No. 05519.

WETORDRY™ SPONGE PAD NO. 20

A firm hand sanding pad. To be used with a three-fold wrap of 3M sanding sheets. Makes hand sanding easier and more efficient.
Part No. 05526.

Cloth Sheets

CRYSTAL BAY™ CLOTH SHEETS

Emery cloth — for general purpose metal sanding, light clean-up work and rust removal.

Part No.	Size	Grit	Sheets/ Pkg.
02431	9" x 11"	Emery-Fine	50
02432	9" x 11"	Emery-Med.	50
02433	9" x 11"	Emery-Coarse	50

Abrasive Rolls

THREE-M-ITE™ ELEK-TRO-CUT™ CLOTH UTILITY ROLLS

Used for smoothing rough spots, deburring and cleaning metal surfaces.

Part No.	Size	Grit
05002	1" x 50 yds	320
05003	1" x 50 yds	280
05004	1" x 50 yds	240
05005	1" x 50 yds	220
05006	1" x 50 yds	180
05007	1" x 50 yds	150
05008	1" x 50 yds	120
05009	1" x 50 yds	100
05010	1" x 50 yds	80
05022	1½" x 50 yds	320
05024	1½" x 50 yds	240
05026	1½" x 50 yds	180
05028	1½" x 50 yds	120
05029	1½" x 50 yds	100
05030	1½" x 50 yds	80
05042	2" x 50 yds	320
05044	2" x 50 yds	240
05046	2" x 50 yds	180
05047	2" x 50 yds	150
05048	2" x 50 yds	120
05049	2" x 50 yds	100
05050	2" x 50 yds	80

Scotch-Brite™ Products

SCOTCH-BRITE™ RIVET CLEANING DISC - BROWN

Cleaning and sanding around rivet heads is fast and easy. Flexible 3 dimensional construction allows abrasive to clean the surface without leveling the rivet head. Maximum operating speed 6,000 RPM. Discs are used with 3M Roloc + Holder (#07500) fits standard tools and drill. Size 4" x 1¼".
Part No. 07410.

SCOTCH-BRITE™ GENERAL PURPOSE & ULTRA-FINE SCUFFING WHEELS

Constructed of a durable 3 dimensional non-woven material. Flexible and ideal for machine scuffing/cleaning of hard to reach areas. The 3M Roloc + Holder (#07500) allows for easy changeovers of discs. Size 4" x 1⅛".
Part No. 07443, General purpose - Maroon.

Part No. 07444, Ultra fine - Grey.

SCOTCH-BRITE™ LIGHT DUTY CLEANSING PAD - WHITE

Use on panel prior to clear coat blending. Conformable. Open web non-loading construction. Easily cleaned and used again. Pad size 6" x 9".
Part No. 07445.

SCOTCH-BRITE™ SCUFF SPONGES

Three dimensional, non-woven material laminated to a cellulose sponge material conforms to work areas. Open construction reduces loading. Ideal for scuffing/cleaning on a variety of automotive surfaces. Flexible material that may be used wet or dry. Hand held size offers convenience, comfort and reduces waste. Designed to be used in hard to reach areas.

Part No. 07439, Scotch-Brite™ Type T Scuff Sponge (white) buff finish sponge ideally suited for clean and prep applications, sensitive clear coat scuffing and parts cleaning, and cleaning leather and vinyl.

Part No. 07441, Scotch-Brite™ General Purpose Scuff Sponge (Maroon) medium finish sponge suited for primer scuffing and aggressive parts cleaning, and tire and whitewall cleaning.

Part No. 07442, Scotch-Brite™ Ultra Fine Scuff Sponge (Grey) fine finish sponge to be used for clear coat scuffing and fine parts cleaning.

SCOTCH-BRITE™ MULTI-FLEX ABRASIVE SHEET ROLLS

Thin, ultra conformable, extra sharp and economical sheets. Quick scuffing of irregular surfaces. Non-leveling, reusable, use wet or dry. Easy pop-up dispenser centre-pull roll. Scrunches into a ball, like steel wool, to protect hands. Comes in 8" x 20 ft. roll with 4" x 8" perforated sheets.

Part No. 07521, Scotch-Brite™ General Purpose Grade Maroon/Purple Abrasive - use in these applications: Quick scuffing of irregular surfaces; Super sharp, use where aggressive scratch is acceptable; Scuffing prior to primer and primer surfaces; Cleaning of whitewalls, and engine parts; Scuffing of new parts, door jambs and under hood webs.

Part No. 07522, Scotch-Brite™ Ultra Fine Grade Grey Abrasive - use in these applications: Aggressive scuffing of blend areas; Extra sharp for fast surface preparation prior to paint; Final scuffing of primer.

SCOTCH-BRITE™ GENERAL PURPOSE PAD - MAROON

For scuffing before applying paint and primer-surfacer. For used car reconditioning, cleaning upholstery, headliners, doorpads, chrome and cleaning white wall tires. Made of nylon web. Rinse clean, can be used over and over again. Pad size 6" x 9".
Part No. 07447.

SCOTCH-BRITE™ ULTRA-FINE PAD-GREY

For final sanding of primer-surfacer. Made of nylon web. Rinse clean, can be used over and over again. Pad size 6" x 9".
Part No. 07448.

SCOTCH-BRITE™ PRIMER PREP SCUFF

•Prep E-Coated panels quickly and evenly •Scuffs faster without levelling •Use on door jambs and underneath hoods •Provides for optimum primer prep adhesion •4¾" x 15 ft. roll •Maroon •Approximate scratch equivalent 360 - 400
Part No. 07747.

SCOTCH-BRITE™ COLOUR PREP SCUFF

•Ideal for use on all panels •Scuffs faster and leaves a finer finish •Use for prep of colour-coat areas and easy blends •Provides for optimum colour prep adhesion •4¾" x 15 ft. roll •Grey •Approximate scratch equivalent 800 - 1000
Part No. 07748.

SCOTCH-BRITE™ CLEAR BLEND PREP SCUFF

•Excellent for sail panel blends •Perfect for gold/silver/pearl metallics •Prep clear coat areas and critical blends •Easy "buff back" •Provides optimum clear prep adhesion •4¾" x 15 ft. roll •Gold •Approximate scratch equivalent 1200 - finer
Part No. 07745.

SCOTCH-BRITE™ CLEAN'N STRIP™ DISC - BLACK

Open disc made from tough, abrasive impregnated material. Perfect alternative to wire brushes for tough clean-up jobs on almost any type surface. Disc is used with 3M wheel mandrel (#07490). Maximum operating speed 8,000 RPM. Size 4" x 1/4".
Part No. 07460.
Part No. 07490, Mini mandrel, length is 2-7/8" with a 1/4" shank.

SCOTCH-BRITE™ ROLOC™COATING REMOVAL UTILITY DISC - BLACK

Tough, open virtually non-loading web makes surface prep fast and easy. Great for removal of undercoatings, stone guards, seam sealers and rust. Works well under hood webs, in truck beds, door jambs, under carriage and wheel wells. Useful in tire shop to remove oxidation from rims etc. Discs used with 3M Roloc holder (#05540). Size 3".
Part No. 07461.

SCOTCH-BRITE™ ROLOC™ + CLEAN & STRIP™ DISC - BLACK

Aggressively removes paint and rust from seams, door jambs, drip mouldings, pinch welds and other difficult to reach areas. 3-dimensional abrasive web conforms to work area. Safer than wire bristle tools. Durable web design lasts longer and will not rust. Discs are used with 3M Roloc holder (#07500). Maximum operating speed is 8,000 RPM. Size 4" x 1/2".
Part No. 07466.

ROLOC™ + HOLDER

Allows use of Scotch-Brite moulding adhesive and stripe removal discs (#'s 07501-07502) on your tool. The 1/4" shank fits into any recommended standard tool. Quick and easy to use. A simple twist and the disc is attached and ready to use. Size 1" dia. x 1/4" shank.
Part No. 07500.

ROLOC™ DISC PAD ASSEMBLY

Hard rubber back-up pad. Pad assemblies come complete with a 2" x 1/4" dia. steel shaft and adapter.
Part No. 05538, 1" diameter
Part No. 05539, 2" diameter
Part No. 05540, 3" diameter
Part No. 05541, 4" diameter

05538

05539

SCOTCH-BRITE™ DISC PAD HOLDERS

Connects quickly and easily to any power tool. Holds Scotch-Brite surface conditioning discs securely and safely through the use of 3M Scotchmate™ Dual-Lock™ fastening system.
Part No. 09917, For 7" discs
Part No. 07492, For 4" discs
Part No. 07493, For 3" discs
Part No. 07494, For 2" discs

SCOTCH-BRITE™ SURFACE CONDITIONING DISCS - FOR STEEL PARTS

Used to quickly remove cut cork or paper gaskets and form in place gasketing materials prior to the assembling of power train components. Ideal for cleaning light oxidation and removing gasketing residue. Use on a wide variety of surfaces, including engine blocks, heads, valve covers and transmission housing. Use with Scotch-Brite surface conditioning disc pads (#07492-07494 and 09917).

Part No.	Size	Grit	Colour
09907	7" x NH	Coarse	Brown
07450	4" x NH	Coarse	Brown
07451	4" x NH	Medium	Maroon
07455	3" x NH	Coarse	Brown
07456	3" x NH	Medium	Maroon
07453	2" x NH	Coarse	Brown
07457	2" x NH	Medium	Maroon

SCOTCH-BRITE™ ROLOC™ SURFACE CONDITIONING DISCS

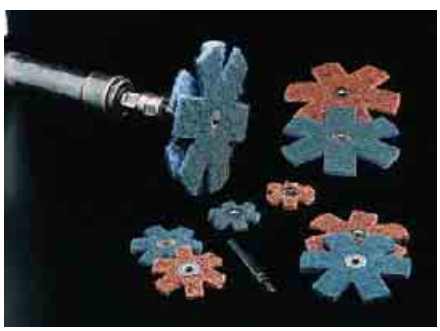
Quick 1/2 turn on, 1/2 turn off. Used to quickly remove cut cork or paper gaskets and form in place gasketing materials prior to the assembling of power train components. Use with 3M Roloc™ disc pad assembly (#'s 05539-05541).

Part No.	Size	Grit	Colour
For Steel Parts			
07480	2"	Coarse	Brown
07481	2"	Medium	Maroon
07482	4"	Coarse	Brown
07483	4"	Medium	Maroon
07485	3"	Coarse	Brown
07486	3"	Medium	Maroon
For Aluminum Parts			
07511	4"	Medium VFN	Blue
07512	4"	Fine SFN	Grey
07513	3"	Medium VFN	Blue
07514	3"	Fine SFN	Grey
07515	2"	Medium VFN	Blue
07516	2"	Fine SFN	Grey

SCOTCH-BRITE™ STARS

Fit into engine ports and provide constant pressure for smooth consistent cleaning. Recommended for cleaning inside diameters. Use 944 mandrel.

Part No.	Size	Grit	Qty/ Pkg.
13800	1½"	Blue-VF	100
13370	1½"	Brown-CRS	100
13803	2"	Blue-VF	100
13371	2"	Brown-CRS	100
13802	3"	Blue-VF	100
13372	3"	Brown-CRS	100
13804	4"	Blue-VF	100
13373	4"	Brown-CRS	100
944	Mandrel 1/4" shank, 20 ext. thread		



Gasket Removal Discs

ROLOC™ BRISTLE DISCS

Super tough plastic bristle brush, embedded with abrasive, wear as they clean continually exposing fresh abrasive. The ideal tool to replace scrapers, wire wheels and chemical gasket stripper. Maximum operating speeds allow for use on both die grinders and pistol grip grinders. 2" disc = 25,000 RPM, 3" disc = 18,000 RPM. Use green on steel parts and yellow on aluminum parts for quick and safer removal. Bristles ride over surface cleaning contaminants without gouging surface. Use with 3M Roloc disc pad assemblies (#'s 05538, 05539, and 05540).

Part No.	Size	Grade	Colour	Qty/ Pkg.
07530	1"	50	Green	10
07531	1"	80	Yellow	10
07524	2"	50	Green	10
07525	2"	80	Yellow	10
07528	2"	120	White	10
07526	3"	50	Green	10
07527	3"	80	Yellow	10
07529	3"	120	White	10

INTRO PACKS - includes 6 discs plus holder (2 discs of each grit and colour).
Part No. 18696, 2" size.
Part No. 18697, 3" size.

ROLOC™ DISC PAD ASSEMBLY

Pad assemblies come complete with a 2" steel shaft and adapter.

Part No. 05538, 1" diameter.
Part No. 05539, 2" diameter.
Part No. 05540, 3" diameter.
Part No. 05541, 4" diameter.

RADIAL BRISTLE DISCS

3" diameter x 3/8" center hole. Unique bristle pattern reaches tight or awkward areas such as grooves and along 90° angles. Flexible bristles conform to the part and cleans without removing base material. Helps to reduce damage and rework. Higher cut rate than wire brushes for faster, more uniform finish. Applications include: Removal of adhesive, paint and other coatings, discolouration, heavy oxides, and surface contaminants. Deburr and blend. Clean and prepare surfaces before and after welding. Remove gasket materials from recessed areas. Remove O-ring residue. Use with 3M 990 mandrel.

Part No.	Size	Grit	Colour
07542	3" Radial	Green-Crs	10
07543	3" Radial	Yellow-Med	10
07544	3" Radial	White -Fine	10

Part No. 15012, 990 Mandrel.

Cut-Off and Weld Grinding Wheels

GENERAL PURPOSE CUT-OFF WHEELS

Used for cutting autobody sheet metal, frame rails, clamps and rusted bolts. For use on utility type cut-off tools. Maximum operating speed is 20,375 RPM. Fits 3" cut-off wheel tools with a 3/8" spindle.
Part No. 01987, 3" x 1/32" x 3/8".
Part No. 01988, 3" x 1/16" x 3/8".

GREEN CORPS™ CUT-OFF WHEELS

High performance, long lived cut-off wheel. Used for cutting autobody sheet metal, frame rails, clamps and rusted bolts. For use on utility type cut-off tools. Maximum operating speed is 20,375 RPM. Fits 3" cut-off wheel tools with a 3/8" spindle.
Part No. 01989, Pack of 5, 3" x 1/32" x 3/8".
Part No. 01990, Pack of 5, 3" x 1/16" x 3/8".

GREEN CORPS™ REINFORCED WELD GRINDING WHEELS

Ideal for cutting spot welds and grinding in hard to reach places. Maximum operating speed is 20,375 RPM. Fits 3" cut-off wheel tools with a 3/8" spindle.
Part No. 01991, Pack of 5, 3" x 3/16" x 3/8".

NORTON A275 Sandpaper

A275 is sandpaper technology at its best. It cuts faster, runs cooler, resists loading better and lasts far longer than any conventional sandpaper. •Premium heat treated grain offers 30 to 50% faster cut rate and extended life •Premium B-weight latex paper backing •FEPA P-graded grain

PREMIUM QUALITY PSA DISC ROLLS — 100 DISCS/ROLL

PSA (pressure sensitive adhesive) discs in convenient roll form. Simply tear off and apply self-adhering disc to back-up pad. Packed in handy corrugated boxes for ease of use, and individually wrapped in polybags.

Part No.	Size	Grit	Rolls/ Case
31469	6"	P600B	6
31471	6"	P400B	6
31473	6"	P320B	6
31474	6"	P280B	6
31475	6"	P240B	6
31476	6"	P220B	6
31477	6"	P180B	6
31479	6"	P120B	6
31480	6"	P100B	6
31481	6"	P80B	6

SPEED-GRIP DISCS

No system anywhere holds better or fastens more easily than Speed-Grip. The quick-change hook and loop fastening system locks and unlocks each and every time. Provides cooler cutting action and a finer finish.

Part No.	Size	Grit	Discs/ Pkg
31554	6"	P600B	100
31556	6"	P400B	100
31558	6"	P320B	100
31559	6"	P280B	100
31560	6"	P240B	100
31561	6"	P220B	100
31562	6"	P180B	100
31564	6"	P120B	100
31565	6"	P100B	100
31566	6"	P80B	100

BODY FILE SHEETS — CLIP-ON

These body file sheets are a popular choice for dry sanding paint, primer, and primer surfacer; also for deburring, removing sand scratches, shaping and finishing plastic filler, and feather-edging repaired areas. Special No-Fil coating prevents premature loading.

Part No.	Size	Grit	Sheets/ Pkg
31647	2¾" x 17½"	P220B	50
31648	2¾" x 17½"	P180B	50
31650	2¾" x 17½"	P120B	50
31651	2¾" x 17½"	P100B	50
31652	2¾" x 17½"	P80B	50

9" x 11" SHEETS

Popular choice for dry sanding old paint, primer, primer surfacer, and between colour coats; also for deburring, removing sand scratches, shaping and finishing plastic filler, and feather-edging repaired areas. Special No-Fil coating prevents premature loading. Can be cut into halves or thirds to fit neatly on jitterbug sanders.

Part No.	Size	Grit	Sheets/ Pkg
31624	9" x 11"	P400B	100
31626	9" x 11"	P320B	100
31627	9" x 11"	P280B	100
31628	9" x 11"	P240B	100
31629	9" x 11"	P220B	100
31630	9" x 11"	P180B	100
31632	9" x 11"	P120B	100
31633	9" x 11"	P100B	100
31634	9" x 11"	P80B	50

PSA SHEET ROLLS

Stick and Sand Sheet Rolls are PSA (pressure sensitive adhesive) backed, so you can peel them off easily and stick them on at any length, quickly. Use on hand sanding blocks, file shoes or file boards.

Part No.	Size	Grit	Rolls/ Case
31681	2¾" x 45 yds.	P400B	5
31683	2¾" x 45 yds.	P320B	5
31685	2¾" x 45 yds.	P240B	5
31686	2¾" x 45 yds.	P220B	5
31687	2¾" x 45 yds.	P180B	5
31689	2¾" x 30 yds.	P120B	5
31690	2¾" x 30 yds.	P100B	5
31691	2¾" x 25 yds.	P80B	5

Norton Blue Mag

Norton Blue Mag, with super strong phenolic resin as a bonding agent, "is simply the best in the world!" Couple this with flexible latex backing — in an indestructible E-weight — and the end result is one of the toughest, longest lasting, high performance coarse grit sandpapers ever made. "Absolutely, positively."

PSA DISCS

Norton Blue PSA Discs are the workhorse of the industry. Save time and money and increase productivity. PSA backed for convenient application.

Part No.	Size	Grit	Discs/ Pkg
23573	6"	80E	50
23574	6"	40E	50
23575	6"	36E	50
23576	8"	80E	25
23577	8"	40E	25
23578	8"	36E	25

SPEED-GRIP DISCS

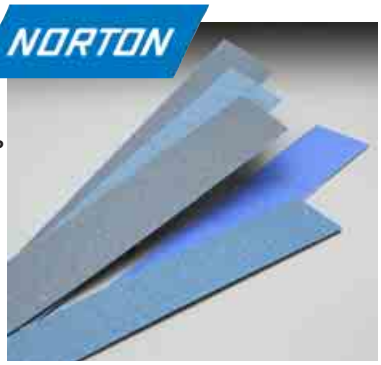
Hook and loop fastening system allows for cool running characteristics that result in reduced loading, less frequent changeovers, and greater overall efficiency in productivity. Ideal for sanding body filler.

Part No.	Size	Grit	Discs/ Pkg
23588	6"	80E	25
23589	6"	40E	25
23591	8"	80E	25
23592	8"	40E	25

NORTON

Norton Blue Mag

Norton Blue Body File Sheets come in three different types; Clip-on, PSA and Speed-Grip. Pick the one that's right for your job. Tough, high performance body files will make short work of your sanding needs. Ideal for sanding body filler.



BODY FILE SHEETS — CLIP-ON

Part No.	Size	Grit	Sheets/ Pkg
26512	2¾" x 17½"	100E	50
23620	2¾" x 17½"	80E	50
23621	2¾" x 17½"	40E	50
23622	2¾" x 17½"	36E	50

BODY FILE SHEETS — PSA

Part No.	Size	Grit	Sheets/ Pkg
25595	2¾" x 16½"	100E	50
23608	2¾" x 16½"	80E	50
23609	2¾" x 16½"	40E	50
23610	2¾" x 16½"	36E	50

BODY FILE SHEETS — SPEED-GRIP

Part No.	Size	Grit	Sheets/ Pkg
23614	2¾" x 16½"	80E	25
23615	2¾" x 16½"	40E	25
23616	2¾" x 16½"	36E	25

Norzon Grinding Discs

Heavy duty fibre and cloth grinding discs are preferred by bodyshop professionals for tough jobs like paint removal, cutting down plastic filler or prepping bare metal. Made with superior zirconia alumina abrasive, the NorZon family of products outperforms and outlasts the competition. The unique grain composition promotes a quick initial cut and actually self-sharpens with continued use.

SPEED-LOK TR GRINDING DISCS

Double laminated cloth discs get into hard-to-reach areas for the toughest jobs. Norton's Speed-Lok TR system permits instant disc mounting and removal. When you're ready to change the disc, simply twist it off.

Part No.	Size	Grit	Discs/ Pkg
21049	2"	80	25
38670	2"	50	25
38671	2"	36	25
21054	3"	80	25
38673	3"	50	25
38674	3"	36	25

Speed-Lok TR back-up pads.
Part No. 55103, 2".
Part No. 55105, 3".

GRINDING DISCS

Superior zirconia alumina abrasive makes NorZon fibre discs outperform and outlast conventional discs. A quick initial cut and a self-sharpening action continuously expose sharp, new cutting points. Its cooler-running characteristic results in reduced loading, less frequent disc changeovers, and greater efficiency and productivity.

Part No.	Size	Grit	Discs/ Pkg
38592	7"	50	25
38593	7"	36	25

Black Ice Waterproof Sandpaper

For the ultimate finish, premium grain on a superior paper backing allows for improved cut rate and a uniform finish. Both the bond and the backing are extremely flexible for easy folding and tearing, wet or dry. Engineered specifically for the automotive aftermarket, Black Ice delivers unsurpassed results in waterproof and colour sanding.

9" x 11" SHEETS

Part No.	Size	Grit	Sheets/ Pkg
39377	9" x 11"	2500A	50
39378	9" x 11"	2000A	50
39379	9" x 11"	1500A	50
39380	9" x 11"	1200A	50
39381	9" x 11"	1000A	50

Gold Sandpaper

Gold... the hardest working sandpaper for the money. Body shop pros can cut faster on the job and produce a finer, more consistent finish — with the best abrasives for the money! With "P" grade aluminum oxide grain, strong paper backing, and an exclusive No-Fil formula.

PSA DISCS — 100 DISCS/ROLL

Ideal for feather-edging, stripping old paint and dry sanding plastic filler and putty. Sharp, hard aluminum oxide abrasive on a tough paper backing for aggressive sanding and long life. No-Fil and OpenKote prevent clogging and loading.

Part No.	Size	Grit	Rolls/ Case
49833	6"	P400C	4
49834	6"	P320C	4
49836	6"	P240C	4
49838	6"	P180C	4
49840	6"	P120C	4
49841	6"	P100C	4
49842	6"	P80C	4

NORTON
Bear-Tex Pads & Discs

Tough, flexible and consistent. These products resist loading, and are extremely flexible to help get into the hard-to-reach places. Improved weave design strengthens the pad and allows for a more uniform scratch pattern. Improved tensile strength allows product to be rinsed easily and also resists shredding and tearing.

SCUFF PADS

Tough synthetic fibre pads won't rust or shred and can be rinsed and reused repeatedly. Use on old paint, primer surfacer, metal, plastic, body filler, or fibreglass. Strong, yet flexible, for getting into tight spaces.

Part No.	Size	Description	Pads/ Pkg
58001	6" x 9"	White, light duty	20
58002	6" x 9"	Grey, final prep	20
58000	6" x 9"	Maroon, heavy duty scuff and clean	20

"THE BEAST" — BEAR-TEX RAPID STRIP DISC TR+

Constructed with thick, strong synthetic fibres and extra coarse silicon carbide abrasive. Fast cutting action with very little loading. Safer than wire bristle tools. For pinch welds, door jambs, seams and other difficult to reach areas. Black.

Part No.	Size	R.P.M.	Discs/ Pkg
21780	4"	8000	5

Part No. 55106, 4" TR+ back-up pads.

BEAR-TEX SPEED-LOK TR RAPID STRIP DISC

Excellent for removal of rust, undercoating, seam-sealers and stone guards, these discs can get into hard-to-reach areas like wheel wells and undercarriage. Ideal for trunk beds and door jambs. Use to remove oxidation from tire rims and to remove rust from brake assemblies. Black.

Part No.	Size	R.P.M.	Discs/ Pkg
11782	2"	15,000	10
11781	3"	12,000	10

Tape & Masking Products

PREMIUM AUTOMOTIVE ATTACHMENT TAPE

High density grey foam tape coated with high strength acrylic adhesive on both sides with red Mylar release liner is designed for bonding medium to large moldings and accessories. High strength acrylic adhesive provides superior adhesion to plastics, metal, glass, and painted vehicle surfaces. 0.045" thick.

Part No.	Size	Rolls/ Case
05620	¼" x 20 yds.	12
05621	½" x 20 yds.	12
05622	7/8" x 20 yds.	12

ATTACHMENT TAPE ADHESION PROMOTER

A liquid primer to improve the adhesion of acrylic foam attachment tape to exterior and interior trims involving injection molded and/or plastics (TPO, PPO, PP, PG, PC, and ABS). 220 ml brush-top can.
Part No. 05623.

BLUE WRAP SELF ADHESIVE WEATHER BARRIER

•Reverse wound roll •Clear film with built-in UV inhibitors for interior protection •Do not leave Blue Wrap in place for more than 30 days •Do not expose to temperatures above 76.6°C •Do not install on wet or damp surfaces •36" x 100 ft. •3 mil thick
Part No. 05920.

BLUE WRAP SEAT COVERS

•Full coverage from headrest to floor •Will not slip or bunch up •Protects seats from grease, dust, and chemicals •Dispenses easily from perforated roll •Roll of 125
Part No. 05921.

BLUE WRAP WHEEL MASKERS

•Tri-layer plastic •Paintable — NO flaking •Fully covers both sides of the wheel •Covers wheels up to 17" •Roll of 50
Part No. 05922.

BLUE WRAP FLOOR MATS

•Impervious to water, grease and chemicals •Will not slip or tear •Protects floor from dirt, grease and chemicals •Dispenses easily from perforated roll •Generous sizing at 16½" x 21" •Roll of 125
Part No. 05923.

BLUE SHEETING

With Norton Blue Sheeting, paint will adhere to the outside layer of plastic, eliminating paint flake-off, allowing for direct spray. Blue Sheeting features an easy-to-open fold pattern. All sizes come on a standard core to fit all current plastic masking dispensers, so one person can mask the vehicle alone. The cling of Blue Sheeting ensures the material adheres to the area that is to be protected. Blue Sheeting can be cut and painted along the critical edge, replacing paper in the shops. This tri-layer plastic is .4 mil thick.
•Tri-layer paintable sheeting clings after repositioning •Corona treated holds paint like paper •3-ply resin formula resists tearing •Resistant to solvents with no bleed-through
Part No. 03344, 12 ft. x 400 ft.
Part No. 03345, 16 ft. x 350 ft.
Part No. 03723, 20 ft. x 350 ft.

NORTON

Accessories

ERGONOMIC HAND SANDING BLOCK FOR 6" DISCS

Unique design quickly converts a 6" diameter PSA or Speed-Grip disc into a hand sander. The ergonomic design of the pad fits the user's fingers for added comfort and reduced fatigue.
Part No. 03727, For PSA discs.
Part No. 03726, For Speed-Grip discs.

6" LOW PROFILE BACK-UP PADS

For dual action/random orbital sanders. ½" thick design is specifically balanced to eliminate vibration to enhance fine grit sanding.
Part No. 05581, For PSA discs.
Part No. 05582, For Speed-Grip discs.

SPEED-GRIP DISC BACK-UP PADS — PLAIN

Exclusively for use with Speed-Grip discs, the pad face has numerous hooks designed to securely lock the disc to the pad, permitting easy application and removal. 6" pad has 5/16"-24 threaded shank; 8" pad has a 5/8"-11 threaded female hub. All pads have a tapered edge.
Part No. 43856, 6".
Part No. 43704, 8".

PSA CONVERSION DISCS

Permanent adhesive on textile hook backing allows for easy conversion of Stick and Sand Pads to Speed-Grip.
Part No. 02470, 6".
Part No. 02471, 8".

STICK & SAND DISC BACK-UP PADS

Designed for use with all PSA backed discs. Made of epoxy-glass and molded rubber, the 6" pads (¾" thick) have a 5/16"-24 threaded shank and the 8" pads have a 5/8"-11 threaded female hub.
Part No. 43852, 6".
Part No. 43112, 8".

AIR COOLED BACK-UP PADS

For fibre disc, these pads are designed for medium to heavy grinding applications. Slotted aluminum hub plus curved ribs on rubber face of pad promote a cooler cutting action to reduce loading and increase abrasive life by up to 20%.
Part No. 43422, 7", medium.
Part No. 43463, #103 retainer nut.

SANDING BLOCKS

PSA Sanding Blocks — Firm

Constructed of sturdy, high strength, durable material and shaped to fit comfortably in your hand. The firm design produces a true, flat surface. The embossed rubber face allows for good adhesion of PSA sheet rolls.

PSA Sanding Blocks — Soft

Constructed of flexible, yet tough foam and shaped to fit comfortably in your hand. The design is good for both flat surfaces as well as contours. The embossed rubber face allows for good adhesion of PSA sheet rolls.

Speed-Grip Sanding Blocks — Firm

Constructed of sturdy, high strength, durable material and shaped to fit comfortably in your hand. The firm design produces a true, flat surface. The hook and loop face works with Speed-Grip and standard hook and loop sheets.

Speed-Grip Sanding Blocks — Soft

Constructed of flexible, yet tough foam and shaped to fit comfortably in your hand. The design is good for both flat surfaces as well as contours. The hook and loop face works with Speed-Grip and standard hook and loop sheets.

Part No.	Size	Description
42090	2¾" x 5"	Soft - PSA
42091	2¾" x 5"	Firm - PSA
42094	2¾" x 7¾"	Firm - PSA
42092	2¾" x 5"	Soft - Speed-Grip
42093	2¾" x 5"	Firm - Speed-Grip
42095	2¾" x 7¾"	Firm - Speed-Grip

Adhesives & Accessories

SPEEDGRIP STRUCTURAL ADHESIVES — URETHANE

Norton SpeedGrip Structural Adhesive is a versatile and fast two part urethane system for bonding and repairing steel, aluminum, flexible, semi-rigid and rigid plastic and fibreglass. All products perform the same on all materials. Just select the working time that best fits your needs. 220 ml. 6 per case.
Part No. 04647, 30 seconds.
Part No. 04615, 1 minute.
Part No. 04616, 5 minutes.
Part No. 04617, 15 minutes.
Part No. 04618, 40 minutes.

SPEEDGRIP SEAM SEALERS — URETHANE

This black urethane seam sealer is available in two formulations: SpeedGrip Seam Sealer is used to seal interior and exterior seams, joints, and voids. It will not shrink, harden or crack and retains its flexibility. For use on vertical and horizontal seams. The Self Levelling Seam Sealer is formulated for use on horizontal seams like roof channels, trunk seams, and drip rails. 220 ml. 6 per case.
Part No. 04620, Seam Sealer.
Part No. 04621, Self Levelling.

PANEL BONDING ADHESIVE — EPOXY

Two-part epoxy used to bond steel, aluminum, SMC, FRP, and fibreglass body panels to each other and to metal frames (no primer required). •Automatic mixing •Outstanding sag resistance •Longest work time for bonding large areas •Minimal odour •Glass beads for adequate spacing •90 minute working time; 4 hour fixture time; 24 hour cure time •220 ml •6 per case
Part No. 06115.

FLEXIBLE PARTS REPAIR ADHESIVE & FILLER — EPOXY

Two-part SpeedGrip epoxy used to repair most plastic parts, including bumper covers and other plastic body panels. Formulated to finish the front side of flexible repairs used over the top of urethane adhesives. •Automatic mixing •Designed to be used as a filler and adhesive •Epoxy based for easy sanding •Formulated for excellent feather edge •Flexible through a wide range of temperatures •6 minute working time; 15 minute sanding time; 60 minute cure time; 6 hours full cure time •200 ml •6 per case
Part No. 06116.

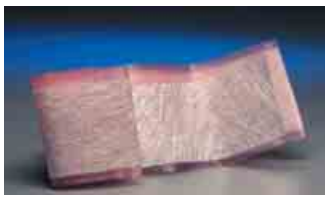
NORTON

SPEEDGRIP TPO ADHESION PROMOTER

SpeedGrip TPO Adhesion Promoter is available in both aerosol and brush top. To test for TPO plastic, lightly sand an inconspicuous spot on the plastic to be repaired with a 36 grit NorZon Speed-Lok TR disc. If the area melts and/or smears, then it is TPO plastic. If it sands cleanly, then it is not TPO.
Part No. 04624, 118 ml brush-top can.
Part No. 04625, 333 g aerosol.

STRUCTURAL BACKING PATCH

Combination of fibreglass cloth, fibreglass reinforcing tape and release film to provide additional strength to the repair. 5" x 72". 6 per case.
Part No. 04631.



HEAVY DUTY MANUAL APPLICATOR GUN

1:1 and 2:1. Designed for SpeedGrip Structural Adhesive system. Can be used for either 200 ml or 220 ml cartridges.
Part No. 41400.

PNEUMATIC APPLICATOR GUN

1:1 and 2:1. Designed for SpeedGrip Structural Adhesive system. Can be used for either 200 ml or 220 ml cartridges.
Part No. 41399.

MIXING TIPS

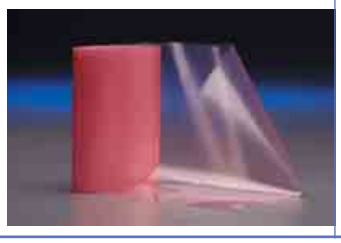
18-element and 24-element mixing tips ensure automatic mixing.
Part No. 04627, 18 element (blue).
Part No. 04628, 24 element (green).

NYLON REINFORCING TAPE

Self-adhesive backing tape for repairing and filling holes and plastic gouges. It can be used for both urethane and epoxy adhesives. 2" x 65 ft.
Part No. 04632.

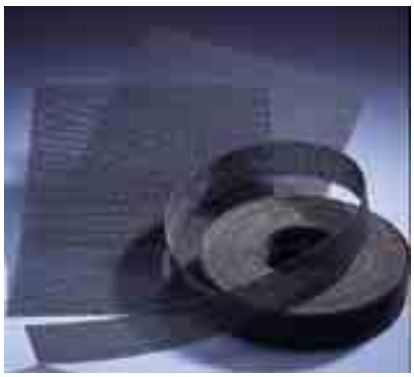
PLASTIC CONTOUR RELEASE FILM

Film to be overlaid on SpeedGrip adhesive just after it has been applied to prevent air entrapment. Use this Plastic Contour Release Film to force the bead of SpeedGrip adhesive into the groove and shape it closely to the original contour of the plastic. 5" x 72". 5 mil thick.
Part No. 04633.



PLASTIC PARTS CLEANER

Selected combination of solvents that remove wax, grease, and silicone from all plastic and rubber parts. This cleaner is safe for use on all types of plastics and does not leave any residue. 946 ml.
Part No. 04623.



Performance Products

SCREEN-BAK CLOTH ROLLS

Open mesh backing allows for an extremely load-resistant product. Silicon carbide abrasive bonded on to open mesh backing. Can be used wet or dry.

Part No.	Size	Grit	Rolls/ Case
07265	1½" x 25 yds.	180	10
07270	1½" x 25 yds.	120	10
07275	1½" x 25 yds.	80	10

CELEBRATING 40 YEARS
40
1968 Gregg 2008

NORTON

CMT Series Mop Discs

The next generation of abrasive mop discs is the CMT Series by Klingspor. These mop discs feature an innovative rapid action removal system. Change the tool fast — the abrasive section just snaps off from a fixed mounting plate. No tools or re-tightening required. The four mushroom heads on the mounting plate engage with the four holes in the abrasive mop disc — the savings in reduced set-up time are amazing! Plus the special reinforced plastic in the backing ensures maximum safety and stability. Finally, the CMT abrasive mop discs offer savings in more than just reduced set-up time. Innovative product technology has created a powerful grinding tool with an excellent price-to-performance ratio.

CMT 726 - Convex format: Used for working on normally inaccessible areas as well as for face and surface grinding.

CMT 728 - Flat format: Mainly used for face and surface grinding.

Part No.	Description	Max. RPM	Size	Grit	Discs/ Pkg.
18639	CMT 726 Zirconia Convex Quick-change	12,200	5 x 0	40	10
18640	CMT 726 Zirconia Convex Quick-change	12,200	5 x 0	60	10
18641	CMT 726 Zirconia Convex Quick-change	12,200	5 x 0	80	10
18642	CMT 726 Zirconia Convex Quick-change	12,200	5 x 0	120	10
18643	CMT 728 Zirconia Flat Quick-change	12,200	5 x 0	40	10
18644	CMT 728 Zirconia Flat Quick-change	12,200	5 x 0	60	10
18645	CMT 728 Zirconia Flat Quick-change	12,200	5 x 0	80	10
18646	CMT 728 Zirconia Flat Quick-change	12,200	5 x 0	120	10

CMT Mounting Plate:
Part No. 19268, Size 5".

Flap Wheels

KM613 MINI MANDREL MOUNTED ALUMINUM OXIDE FLAP WHEELS — ¼" Arbor

Part No.	Dia. x Width	Grit	Max. RPM	Pkg. Qty.
53318	1 x 1/2	60	30,000	10
53319	1 x 1/2	80	30,000	10
53321	1 x 1/2	120	30,000	10
53334	1 x 3/4	60	30,000	10
53335	1 x 3/4	80	30,000	10
53337	1 x 3/4	120	30,000	10
53345	1 x 1	40	30,000	10
53347	1 x 1	60	30,000	10
53348	1 x 1	80	30,000	10
53350	1 x 1	120	30,000	10
53365	1½ x 1/2	60	25,000	10
53366	1½ x 1/2	80	25,000	10
53368	1½ x 1/2	120	25,000	10
53373	1½ x 3/4	60	25,000	10
53374	1½ x 3/4	80	25,000	10
53376	1½ x 3/4	120	25,000	10
53380	1½ x 1	40	25,000	10
53382	1½ x 1	60	25,000	10
53383	1½ x 1	80	25,000	10
53385	1½ x 1	120	25,000	10
53421	2 x 1/2	60	25,000	10
53422	2 x 1/2	80	25,000	10
53424	2 x 1/2	120	25,000	10
53432	2 x 3/4	60	25,000	10
53433	2 x 3/4	80	25,000	10
53435	2 x 3/4	120	25,000	10
53440	2 x 1	40	25,000	10
53442	2 x 1	60	25,000	10
53443	2 x 1	80	25,000	10
53445	2 x 1	120	25,000	10
53447	2 x 1	180	25,000	10

Part No.	Dia. x Width	Grit	Max. RPM	Pkg. Qty.
53455	2 x 1½	60	25,000	10
53456	2 x 1½	80	25,000	10
53458	2 x 1½	120	25,000	10
53489	2½ x 1	60	20,000	10
53490	2½ x 1	80	20,000	10
53492	2½ x 1	120	20,000	10
53500	2½ x 1½	60	20,000	10
53501	2½ x 1½	80	20,000	10
53503	2½ x 1½	120	20,000	10
53515	3 x 1/2	40	20,000	10
53516	3 x 1/2	60	20,000	10
53517	3 x 1/2	80	20,000	10
53519	3 x 1/2	120	20,000	10
53527	3 x 3/4	60	20,000	10
53528	3 x 3/4	80	20,000	10
53530	3 x 3/4	120	20,000	10
53534	3 x 1	40	20,000	10
53535	3 x 1	60	20,000	10
53536	3 x 1	80	20,000	10
53538	3 x 1	120	20,000	10
53558	3 x 2	60	20,000	10
53559	3 x 2	80	20,000	10
53561	3 x 2	120	20,000	10

Spiral Bands

CLOTH SPIRAL BANDS

Cloth spiral bands are a staple for edge sanding or in and around holes on metals and wood. Spiral bands can be used on spindle sanders, drill presses, or portable tools. Made from heavy cloth aluminum oxide.

Part No.	Size	Grit
50061	1/2 x 1/2	40
50063	1/2 x 1/2	60
50066	1/2 x 1/2	120
50151	3/4 x 1	40
50153	3/4 x 1	60
50156	3/4 x 1	120
50271	1 x 1	40
50273	1 x 1	60
50276	1 x 1	120
50401	1½ x 1½	40
50403	1½ x 1½	60
50406	1½ x 1½	120
50521	2 x 1½	40
50523	2 x 1½	60
50526	2 x 1½	120

RUBBER SANDING DRUMS — ¼ SHANK

Part No.	Size	Max. RPM
53986	1/2 x 1/2	30,000
53993	3/4 x 1	19,000
53998	1 x 1	18,000
54005	1½ x 1½	10,000
54011	2 x 1½	8,000

Part No. 13371, Spiral Band Kit. General Purpose SDK-15 Kit contains: - Drums: •1/2 x 1/2 •3/4 x 1 •1 x 1 •1½ x 1½ •2 x 1½ -Sleeves: •5 pc. fine (120 grit) •5 pc. coarse (50 grit)

ENGINEERED ABRASIVES

Cartridge Rolls

The wound style of the abrasive point is effective for working in and around small and hard-to-reach areas. Straight, half taper and full taper styles are constructed of aluminum oxide materials and are suitable for general metalworking applications.

STRAIGHT CARTRIDGE ROLLS

Part No.	Dia. X Length	Arbor	Grit
94844	1/4 x 1	1/8	60
51168	1/4 x 1	1/8	120
91845	1/2 x 1	1/8	60
51348	1/2 x 1	1/8	120
51849	1 x 2	1/4	60
51852	1 x 2	1/4	120
51945	1½ x 2	1/4	60
51948	1½ x 2	1/4	120

HALF TAPER CARTRIDGE ROLLS

Part No.	Dia. X Length	Arbor	Grit
52569	3/8 x 1	1/8	60
52572	3/8 x 1	1/8	120
52953	1/2 x 2	1/4	60
52956	1/2 x 2	1/4	120
52641	5/8 x 1	1/8	60
52644	5/8 x 1	1/8	120
53133	1 x 2	1/4	60
53136	1 x 2	1/4	120

FULL TAPER CARTRIDGE ROLLS

Part No.	Dia. X Length	Arbor	Grit
51957	3/8 x 1	1/8	60
51960	3/8 x 1	1/8	120
52341	1/2 x 2	1/4	60
52344	1/2 x 2	1/4	120
52029	5/8 x 1	1/8	60
52032	5/8 x 1	1/8	120
52521	1 x 2	1/4	60
52524	1 x 2	1/4	120

1/8 Pilot Cartridge Roll Mandrel. 1/8 pilot diameter; 3/4 pilot length; 1/4 shank diameter; 1-1/4 shank length. Part No. 53189.

1/4 Pilot Cartridge Roll Mandrel. 1/4 pilot diameter; 1-1/2 pilot length; 1/4 shank diameter; 1-1/4 shank length. Part No. 53207.

PREMIUM TOOL & ABRASIVES

Flapwheels

BENCH STYLE FLAPWHEELS

Part No.	Size	Grit	Max. RPM	Box Qty.
DE1022	6 x 1 x 1	60	6,000	5
DE1023	6 x 1 x 1	80	6,000	5
DE1025	6 x 1 x 1	120	6,000	5
DE1042	6 x 2 x 1	60	6,000	5
DE1043	6 x 2 x 1	80	6,000	5
DE1045	6 x 2 x 1	120	6,000	5

PTA CANADA

MANDREL MOUNTED FLAPWHEELS - 1/4" SHANK

Part No.	Size	Grit	Max. RPM	Box Qty.
DF0992	3/4 x 3/4	60	30,000	10
DF0993	3/4 x 3/4	80	30,000	10
DF0995	3/4 x 3/4	120	30,000	10
DF1002	1 x 1/2	60	30,000	10
DF1003	1 x 1/2	80	30,000	10
DF1005	1 x 1/2	120	30,000	10
DF1012	1 x 3/4	60	30,000	10
DF1013	1 x 3/4	80	30,000	10
DF1015	1 x 3/4	120	30,000	10
DF1020	1 x 1	40	30,000	10
DF1022	1 x 1	60	30,000	10
DF1023	1 x 1	80	30,000	10
DF1025	1 x 1	120	30,000	10
DF1062	1½ x 1/2	60	30,000	10
DF1063	1½ x 1/2	80	30,000	10
DF1065	1½ x 1/2	120	30,000	10
DF1072	1½ x 3/4	60	30,000	10
DF1073	1½ x 3/4	80	30,000	10
DF1075	1½ x 3/4	120	30,000	10
DF1080	1½ x 1	40	30,000	10
DF1082	1½ x 1	60	30,000	10
DF1083	1½ x 1	80	30,000	10
DF1085	1½ x 1	120	30,000	10
DF1112	2 x 1/2	60	25,000	10
DF1113	2 x 1/2	80	25,000	10
DF1115	2 x 1/2	120	25,000	10
DF1122	2 x 3/4	60	25,000	10
DF1123	2 x 3/4	80	25,000	10
DF1125	2 x 3/4	120	25,000	10

Part No.	Size	Grit	Max. RPM	Box Qty.
DF1130	2 x 1	40	25,000	10
DF1132	2 x 1	60	25,000	10
DF1133	2 x 1	80	25,000	10
DF1135	2 x 1	120	25,000	10
DF1137	2 x 1	180	25,000	10
DF1142	2 x 1½	60	25,000	10
DF1143	2 x 1½	80	25,000	10
DF1145	2 x 1½	120	25,000	10
DF1192	2½ x 1	60	20,000	10
DF1193	2½ x 1	80	20,000	10
DF1195	2½ x 1	120	20,000	10
DF1202	2½ x 1½	60	20,000	10
DF1203	2½ x 1½	80	20,000	10
DF1205	2½ x 1½	120	20,000	10
DF1220	3 x 1/2	40	20,000	10
DF1222	3 x 1/2	60	20,000	10
DF1223	3 x 1/2	80	20,000	10
DF1225	3 x 1/2	120	20,000	10
DF1232	3 x 3/4	60	20,000	10
DF1233	3 x 3/4	80	20,000	10
DF1235	3 x 3/4	120	20,000	10
DF1240	3 x 1	40	20,000	10
DF1242	3 x 1	60	20,000	10
DF1243	3 x 1	80	20,000	10
DF1245	3 x 1	120	20,000	10
DF1262	3 x 2	60	20,000	10
DF1263	3 x 2	80	20,000	10
DF1265	3 x 2	120	20,000	10

FLAP DISCS

Flap discs are constructed of tough zirconium cloth and can be used in all carbon steel or stainless steel applications. Flap discs are recommended for use anywhere resin fibre discs are used, especially in large quantities.

Part No.	Size	Grit	Max. RPM	Box Qty.
D5000	4½ x 7/8	36	13,300	10
D5005	4½ x 7/8	40	13,300	10
D5010	4½ x 7/8	60	13,300	10
D5015	4½ x 7/8	80	13,300	10
D5020	4½ x 7/8	120	13,300	10
D5040	5 x 7/8	36	12,150	10
D5045	5 x 7/8	40	12,150	10
D5050	5 x 7/8	60	12,150	10
D5055	5 x 7/8	80	12,150	10
D5060	5 x 7/8	120	12,150	10
D5080	7 x 7/8	36	8,600	10
D5085	7 x 7/8	40	8,600	10
D5090	7 x 7/8	60	8,600	10
D5095	7 x 7/8	80	8,600	10
D5100	7 x 7/8	120	8,600	10

E.C. MITCHELL CO., INC.

Abrasive Cords & Tapes

Mitchell's flexible cords and tapes deburr, grind and polish hard to reach areas which are inaccessible to most standard tools. Ideal for narrow slots, grooves, small holes, and curved surfaces, the round cords and flat tapes can be used on metal, plastic, and wood. Impregnated with aluminum oxide for ultrafine polishing, Mitchell's abrasive cords are available in 0.030" to 0.093" diameters and the tapes come in 1/16" to 1/4" widths. Both are supplied on handy adhesive tape like spools in generous 50 foot lengths. •Cords Remove Carbon from Pistons - Baked on carbon is no match for these abrasive cords. Mitchell's abrasive cords come in the precise diameters required to reach deep into piston ring seats. •Cords Clean Blocked Fuel Lines - Extremely flexible, these small diameter cords fit into places where rigid tools cannot. •Better for Grooves than Sandpaper - Abrasive cords and tapes eliminate the bother of trying to fold and fit sandpaper into deep grooves. They are ideal for finishing new wood spindles or stripping old furniture. •Cords and Tapes Clean Rusted Threads - These cords and tapes are tough enough to deburr and remove rust, paint, and sludge from pipe threads and other contoured surfaces. •Remove Solder from Printed Circuit Boards - Ideal for preparing a surface for soldering or removing solder flash, small diameter cords and tapes can easily reach through holes and around components or leads. •Ultrafine Cords even Thread a Needle - There is no better way to reach into holes. For maintenance applications, Mitchell's ultrafine abrasive cords clean tubing or nozzle blockages caused by soot, rust, or corrosion.

ALUMINUM OXIDE CORDS

Part No.	Inches	MM	Grain
48	.093	2.36	150
49	.082	2.08	120
50	.070	1.78	180
51	.055	1.40	120
52	.055	1.40	150
53	.040	1.02	180
54	.030	0.76	200

ALUMINUM OXIDE TAPE

Part No.	Inches	MM	Grain
01TAPE	1/16	1.59	180
56TAPE	3/32	2.38	180
57TAPE	1/8	3.18	180
58TAPE	3/16	4.76	150
59TAPE	1/4	6.35	150

MAKITA

Wire Brushes

KNOT STYLE WIRE CUP BRUSH

Direct spindle mount .020" carbon steel wire. Ideal for tight operations, corners and angle welds. Rugged knot construction (20 knots). 2-3/4" diameter, M10 x 1.25 arbor, 14,000 RPM.
Part No. 743201-5A.

KNOT STYLE WIRE CUP BRUSH

Direct spindle mount .023" carbon steel wire. Ideal for tight operations, corners and angle welds. Rugged knot construction (24 knots). Use with spindle mount washer #261039-0. 4" diameter, 5/8" -11 Arbor, 10,000 RPM.
Part No. 743208-0A.

SMALL ANGLE GRINDER ADAPTER

Allows cup or wheel with 5/8" -11 arbors:
Part No. 323015-A, to fit M10 x 1.25 arbors.
Part No. 323016-A, to fit M10 x 1.50 arbors.

CRIMP STYLE WIRE CUP BRUSH

Direct spindle mount .014" crimped carbon steel wire. Excellent for flat surfaces, edges, paint, scale, light rust removal. Provides continuous brushing action and a relatively fine finish.
Part No. 743201-4, 3" dia., M10 x 1.25 arbor, 14,000 RPM.
Part No. 743205-6, 3" dia., 5/8" -11 arbor, 14,000 RPM.
Part No. 743207-2, 4" dia., 5/8" -11 arbor, 9,000 RPM.

KNOT WIRE WHEEL — FULL CABLE TWIST

.020" carbon steel wire. 1/4" face width, direct spindle mount. For weld cleaning and metal preparation. Removes heavy rust, paint, and carbon. Excellent for cleaning grooves. 24 knots. 4" diameter, M10 x 1.25 arbor, 20,000 RPM.
Part No. 743203-4B.

MAJOR WIRE WHEELS

All purpose portable or stationary brush that provides excellent performance for edge blending, deburring, surface roughing, dust removal, etc. The wheels have a standard 2" (50 mm) opening except 4" (100 mm) which has a 1-1/8" (27 mm) opening. ("SS" denotes Stainless Steel). Adapters are not included and may be ordered separately.

Part No.	Diameter		Flange Size		Wire Size		Face Width		RPM
	Inches	MM	Inches	MM	Inches	MM	Inches	MM	
M1204-33	4	100	1-7/8	48	.0118	0.30	7/8	22	6000
M1204-30	4	100	1-7/8	48	.014	0.35	7/8	22	6000
M1304-005	4	100	1-7/8	48	.005	0.12	1¼	32	6000
M1304-33	4	100	1-7/8	48	.0118	0.30	1¼	32	6000
M1304-30	4	100	1-7/8	48	.014	0.35	1¼	32	6000
M1206-005	6	150	4	95	.005	0.12	7/8	22	6000
M1206-33	6	150	4	95	.0118	0.30	7/8	22	6000
M1206-30	6	150	4	95	.014	0.35	7/8	22	6000
M1206-30SS	6	150	4	95	.014	0.35	7/8	22	6000
M1306-005	6	150	4	95	.005	0.12	1¼	32	6000
M1306-38	6	150	4	95	.008	0.20	1¼	32	6000
M1306-33	6	150	4	95	.0118	0.30	1¼	32	6000
M1306-30	6	150	4	95	.014	0.35	1¼	32	6000
M1306-25	6	150	4	95	.020	0.50	1¼	32	6000
M1207-33	7	180	4½	114	.0118	0.30	7/8	22	4500
M1207-30	7	180	4½	114	.014	0.35	7/8	22	4500
M1307-33	7	180	4½	114	.0118	0.30	1¼	32	4500
M1307-30	7	180	4½	114	.014	0.35	1¼	32	4500
M1208-005	8	200	5¼	133	.005	0.12	7/8	22	4500
M1208-33	8	200	5¼	133	.0118	0.30	7/8	22	4500
M1208-30	8	200	5¼	133	.014	0.35	7/8	22	4500
M1308-005	8	200	5¼	133	.005	0.12	1¼	32	4500
M1308-33	8	200	5¼	133	.0118	0.30	1¼	32	4500
M1308-30	8	200	5¼	133	.014	0.35	1¼	32	4500
M1308-25	8	200	5¼	133	.020	0.50	1¼	32	4500
M1210-30	10	250	5¾	133	.014	0.35	7/8	22	3500
M1310-30	10	250	5¾	133	.014	0.35	1¼	32	3500
M1410-33	10	250	5¾	133	.0118	0.30	2	50	3500
M1410-30	10	250	5¾	133	.014	0.35	2	50	3500
M1410-25	10	250	5¾	133	.020	0.50	2	50	3500
M1412-33	12	300	5¾	146	.0118	0.30	2	50	3500
M1412-30	12	300	5¾	146	.014	0.35	2	50	3500
M1412-25	12	300	5¾	146	.020	0.50	2	50	3500

ADAPTERS

Adapters for 1-1/8" centre wire wheels - sold as pair
Part No. 1/2-1-1/8ARBOR, 1/2".
Part No. 5/8-1-1/8ARBOR, 5/8".
Part No. 3/4-1-1/8ARBOR, 3/4".

Adapters for 2" centre wire wheels - sold as pair
Part No. 1/2-2ARBOR, 1/2"
Part No. 3/4-2ARBOR, 3/4"
Part No. 1-2ARBOR, 1"
Part No. 1-1/4-2ARBOR, 1¼" - 1½"
Part No. 1-3/4-2ARBOR, 1¾"

COPPER CENTRE SECTIONS - WIRE WHEEL BRUSHES

Filled with high quality steel wire, these small diameter brushes are used for deburring, stripping wire, removing rust, scale, and corrosion and blending tool marks. They can be used singly or in multiples.

Part No.	Diameter		Wire Size		Face Width		Arbor Hole	RPM
	Inches	MM	Inches	MM	Inches	MM	Inches	
CC28	1½	38	.005	0.12	7/32	6	1/4, 3/8	20,000
CC37	2	50	.005	0.12	1/4	6	3/8, 1/2	20,000
CC30	2	50	.0118	0.30	1/4	6	3/8, 1/2	20,000
CC46	2	50	.014	0.35	1/4	6	3/8, 1/2	20,000
CC33	2½	57	.0118	0.30	5/16	8	3/8, 1/2	20,000
CC47	3	75	.0118	0.30	5/16	8	3/8, 1/2	20,000
CC60	3	75	.014	0.35	5/16	8	3/8, 1/2	20,000

STRINGER BEAD KNOT STYLE WHEEL BRUSH

Stringer Bead Knot Style especially suited for fast, efficient cleaning of groove and bead welds, corners and T-connections. Features a narrow face and stiff wheel which is excellent in pipe fabrication, brushing expansion joints, and narrow grooves. ("SS" denotes Stainless Steel).

Part No.	Diameter		Wire Size		Arbor Hole	RPM
	Inches	MM	Inches	MM	Threaded	
814T-M14X2.0	4	100	.020	0.50	M-14 x 2.0	20,000
814T-M10X1.25	4	100	.020	0.50	M-10 x 1.25	20,000
814T-M10X1.5	4	100	.020	0.50	M-10 x 1.5	20,000
814T-1/2-13	4	100	.020	0.50	1/2" - 13 NC	20,000
814T-5/8-11	4	100	.020	0.50	5/8" - 11 NC	20,000
815T	5	127	.020	0.50	5/8" - 11 NC	12,000
815TSS	5	127	.020	0.50	5/8" - 11 NC	12,000
816T	6	150	.025	0.64	5/8" - 11 NC	9000
816TSS	6	150	.025	0.64	5/8" - 11 NC	9000
817T	6½	165	.020	0.50	5/8" - 11 NC	12,000
817TSS	6½	165	.020	0.50	5/8" - 11 NC	12,000

Part No.	Diameter		Wire Size		Arbor Hole	RPM
	Inches	MM	Inches	MM	Threaded	
1004M	4	100	.014	0.35	1/2	10,000
1006F	6	150	.0118	0.30	5/8	9000
1006M	6	150	.014	0.35	5/8	9000
1006C	6	150	.023	0.58	5/8	9000
1008F	8	200	.0118	0.30	5/8	8500
1008M	8	200	.014	0.35	5/8	8500
1008C	8	200	.023	0.58	5/8	8500
1010M	10	250	.014	0.35	1¼	5400
1010C	10	250	.023	0.58	1¼	5400
1012M	12	300	.014	0.35	1¼	4500

SPEEDWHIRL SECTIONS KNOT STYLE WHEEL BRUSH

Speedwhirl Knot Style are filled with high quality steel wire for high impact brushing, such as removing weld scale, cleaning hard surface encrustations, general descaling. Handles a higher speed than crimped wire brushes, giving greater efficiency and ease of operation.

End Brushes

Filled with high quality steel wire. These are primarily used with portable tools for the removal of hard carbon deposits on cylinders, piston heads, recesses, valve seats, I.D. pipe cleaning, and in drill presses for deburring. ("SS" denotes Stainless Steel).

Part No.	Diameter		Wire Size		Trim Width		RPM
	Inches	MM	Inches	MM	Inches	MM	
STRAIGHT TYPE END BRUSH - 1/4" SHANK DIAMETER							
95F	1/2	13	.005	0.12	1	25	20,000
95	1/2	13	.014	0.35	1	25	20,000
96F	3/4	19	.005	0.12	1	25	20,000
96	3/4	19	.014	0.35	1	25	20,000
97F	1	25	.005	0.12	1	25	20,000
97	1	25	.014	0.35	1	25	20,000
CIRCULAR TYPE END BRUSH - 1/4" SHANK DIAMETER							
68F	1½	37	.005	0.12	-	-	20,000
68	1½	37	.014	0.35	-	-	20,000
68SS	1½	37	.014	0.35	-	-	20,000
69	3	75	.014	0.35	-	-	20,000
CABLE TWIST END BRUSH - 1/4" SHANK DIAMETER							
185	1	25	.020	0.50	1	25	20,000
186	1	25	.014	0.35	1	25	20,000
187	1	25	.012	0.30	1	25	20,000

Straight Type

Cable Twist

Circular Type

Cup Brushes

Designed for use in high speed pneumatic and electric portable tools. These brushes are strong, efficient tools for fast heavy duty cleaning of large metal surfaces, to remove weld scale, rust, old paint, and corrosion. Knot Style are recommended for rugged jobs. ("SS" denotes Stainless Steel).

Part No.	Diameter		Wire Size		Arbor Hole	RPM
	Inches	MM	Inches	MM	Threaded	
CRIMPED WIRE CUP BRUSH						
4208T-5/8-11	4	100	.020	0.50	5/8" - 11 NC	9000
4208TSS-5/8-11	4	100	.020	0.50	5/8" - 11 NC	9000
4205T-5/8-11	5	127	.020	0.50	5/8" - 11 NC	9000
4205TSS-5/8-11	5	127	.020	0.50	5/8" - 11 NC	9000
4206T-5/8-11	6	150	.020	0.50	5/8" - 11 NC	6600
4206TSS-5/8-11	6	150	.020	0.50	5/8" - 11 NC	6600
TWISTED KNOT - SINGLE ROW CUP BRUSH						
430T-5/8-11	4	100	.014	0.35	5/8" - 11 NC	6000
424T-5/8-11	4	100	.020	0.50	5/8" - 11 NC	7200
7424TSS-5/8-11	4	100	.020	0.50	5/8" - 11 NC	7200
420T-5/8-11	4	100	.035	0.90	5/8" - 11 NC	6000
524T-5/8-11	5	125	.020	0.50	5/8" - 11 NC	7000
624T-5/8-11	6	150	.020	0.50	5/8" - 11 NC	6000
7624TSS-5/8-11	6	150	.020	0.50	5/8" - 11 NC	6000
620T-5/8-11	6	150	.035	0.90	5/8" - 11 NC	6000
TWISTED KNOT - DOUBLE ROW CUP BRUSH						
308T-5/8-11	6	150	.014	0.35	5/8" - 11 NC	6000
248T-5/8-11	6	150	.020	0.50	5/8" - 11 NC	6000
7248TSS-5/8-11	6	150	.020	0.50	5/8" - 11 NC	6000
208T-5/8-11	6	150	.035	0.90	5/8" - 11 NC	6000

Crimped

Single Row

Double Row

Felton Brushes Limited...

Maintenance & Specialty Brushes

Popular all-purpose brushes for cleaning structural steel, iron works, castings, all types of dirt and rust removal. ("SS" denotes Stainless Steel; "B" denotes Brass).

Part No.	Rows	Block Width		Wire Size		Trim Length	
		Inches	MM	Inches	MM	Inches	MM
CURVED HANDLE WIRE SCRATCH BRUSHES							
1777	3 x 19	15/16	24	.015	0.40	1⅛	30
1777B	3 x 19	15/16	24	.012	0.30	1⅛	30
1777SS	3 x 19	15/16	24	.015	0.40	1⅛	30
188	4 x 19	1⅛	30	.015	0.40	1⅛	30
188SS	4 x 19	1⅛	30	.015	0.40	1⅛	30
SHOE HANDLE WIRE SCRATCH BRUSHES							
1781	4 x 16	1-1/16	27	.015	0.40	1⅛	30
1781B	4 x 16	1-1/16	27	.012	0.30	1⅛	30
1781SS	4 x 16	1-1/16	27	.015	0.40	1⅛	30
STRAIGHT HANDLE BRUSH W/ SCRAPER ATTACHED							
SB702	5 x 13	1½	40	.015	0.40	1⅛	30
CURVED HANDLE SMALL CLEANING BRUSH							
SB2088SS	3 x 7	7¾	200	.006	0.12	1/2	13
FILE CLEANING BRUSH							
SB763		5 x 1½	130 x 40				
PARTS CLEANING BRUSH - FILLED WITH TAMPICO FIBRE							
T401		12½	300			4	100
ACID CLEANING BRUSH - TIN FERRULE							
SB748		3/8 x 5¾	9 x 150			3/4	19
SB749		1/2 x 5¾	12 x 150			3/4	19
SB750		5/8 x 5¾	15 x 150			3/4	19

Curved Handle Wire S

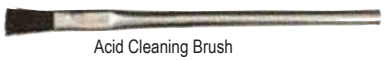
Shoe Handle Wire Scratch Brush

Curved Handle Small Cleaning Brush

Straight Handle Brush With Scraper

Parts Cleaning Brush

File Cleaning Brush


Acid Cleaning Brush

FELTON

Tube & Crankshaft Brushes

With flexible wire handles.

Part No.	Diameter		Brush Part		Overall Length	
	Inches	MM	Inches	MM	Inches	MM
NYLON						
T1280-3/16	3/16	4	4½	110	12	300
T1280-1/4	1/4	6	4½	110	12	300
T1280-5/16	5/16	7	4½	110	12	300
T1280-3/8	3/8	9	4½	110	12	300
T1280-1/2	1/2	12	4½	110	12	300
T1280-5/8	5/8	15	4½	110	12	300
T1280-3/4	3/4	19	4½	110	12	300
T1280-1	1	25	4½	110	12	300
METAL WIRE (.005) SINGLE SPIRAL						
100-3/8	3/8	9	2	50	8	200
100-1/2	1/2	12	2	50	8	200
100-5/8	5/8	15	2½	60	9	230
100-3/4	3/4	19	2½	60	9	230

Rail & Switch Broom

Metal cap broom filled with polypropylene fibre fitted with chisel for ice and snow removal and heavy duty sweeping.
Part No. 1367.

Felton Brushes Limited...

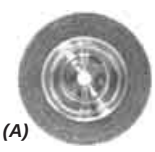
WEILER®

Wire Wheel Brushes

Standard Twist - A tuft is le
the end of the wire knot, p
ing some flexibility for use
irregular surfaces.

Stringer Bead Twist - The wire is very tightly twisted to the end of the knot, creating a very narrow face primarily used for weld cleaning.

Part No.	Diameter	Wire Size	Arbor Hole	Face Width	Trim	Max. RPM
(A) GENERAL PURPOSE WIRE WHEEL BRUSHES						
02325	6"	.014	5/8" - 1/2"	5/8"	1-1/16"	6,000
02335	7"	.014	5/8" - 1/2"	3/4"	1-9/16"	6,000
06645	6"	.014	5/8" - 1/2"	7/8"	1-1/8"	6,000
06655	7"	.014	5/8" - 1/2"	7/8"	1-5/8"	6,000
(B) TRULOCK™ CRIMPED WIRE WHEEL BRUSHES						
01175	8"	.014	5/8" - 1/2"	3/4"	2-1/16"	6,000
06120	8"	.014	2"	1"	1-3/8"	4,000
06160	10"	.014	2" with 1/2" x 1/4" double keyway	1-1/8"	2"	
(C) DUALIFE® KNOT TYPE - STANDARD TWIST WIRE WHEEL BRUSHES						
08014	3"	.014	1/2" - 3/8"	3/8"	5/8"	25,000
08044	4"	.014	1/2" - 3/8"	1/2"	7/8"	20,000
08105	6"	.023	5/8" - 1/2"	1/2"	1-3/8"	9,000
08155	8"	.023	5/8" - 1/2"	5/8"	1-5/8"	6,000
(D) DUALIFE® KNOT TYPE - STRINGER BEAD TWIST WIRE WHEEL BRUSHES						
08776	6"	.023	5/8"-11 UNC	1/2"	1-3/8"	12,500
09400	6"	.020	5/8"-11 UNC	3/16"	1-1/8"	12,500
(E) COPPER CENTER™ - POLYFLEX® ENCAPSULATED WIRE WHEEL						
35070	2"	.014	1/2"	1/4"	1/2"	20,000
35260	3"	.014	1/2"	1/4"	1"	20,000



(A)

(B)

(C)

(D)

(E)

Angle Grinder Brushes

Part No.	Diameter	Wire Size	Arbor Hole	Trim Length	Max. RPM	Max. RPM
(A) DUALIFE® KNOT TYPE - STANDARD TWIST WHEEL BRUSHES						
13114	4"	.020	M10 x 1.25	1/2"	7/8"	20,000
13115	4"	.020	M10 x 1.50	1/2"	7/8"	20,000
13116	4"	.020	M14 x 2.0	1/2"	7/8"	20,000
13117	4"	.020	3/8"-24 UNF	1/2"	7/8"	20,000
13119	4"	.020	1/2"-13 UNC	1/2"	7/8"	20,000
13120	4"	.020	5/8"-11 UNC	1/2"	7/8"	20,000

(A)

Part No.	Diameter	Wire Size	Arbor Hole	Trim Length	Max. RPM
(B) KNOT CUP - SINGLE ROW BRUSHES					
13150	3½"	.023	M10 x 1.25	7/8"	13,000
13151	3½"	.023	M10 x 1.50	7/8"	13,000
13152	3½"	.023	M14 x 2.0	7/8"	13,000
13153	3½"	.023	3/8"-24 UNF	7/8"	13,000
13155	3½"	.023	1/2"-13 UNC	7/8"	13,000
13156	3½"	.023	5/8"-11 UNC	7/8"	13,000
(C) CRIMPED WIRE CUP BRUSHES					
13175	3½"	.014	M10 x 1.25	7/8"	12,000
13176	3½"	.014	M10 x 1.50	7/8"	12,000
13177	3½"	.014	M14 x 2.0	7/8"	12,000
13178	3½"	.014	3/8"-24 UNF	7/8"	12,000
13180	3½"	.014	1/2"-13 UNC	7/8"	12,000
13181	3½"	.014	5/8"-11 UNC	7/8"	12,000

(B)

(C)

Cup Brushes

Part No.	Diameter	Wire Size	Arbor Hole	Trim Length	Max. RPM
CRIMPED WIRE CUP BRUSHES - MEDIUM/LIGHT DUTY					
14216	5"	.020	5/8"-11 UNC	1¼"	8,000
KNOT CUP BRUSHES - SINGLE ROW - GENERAL DUTY					
12316	4"	.023	5/8"-11 UNC	1¼"	9,000
12276	5"	.023	5/8"-11 UNC	1⅜"	7,000
12376	6"	.023	5/8"-11 UNC	1⅜"	6,600

(A)

(B)

Stem-Mounted Brushes

•Permanently mounted on 1/4" steel stems

Part No.	Diameter	Wire Size	Trim Length	Max. RPM
(A) CRIMPED WIRE CUP BRUSHES				
14301	1¾"	.0118	3/4"	13,000
14302	2¾"	.0118	7/8"	6,000
(B) CRIMPED WIRE END BRUSHES - SOLID END				
10003	1/2"	.014	7/8"	25,000
10004	1/2"	.020	7/8"	25,000
10007	3/4"	.014	7/8"	22,000
10008	3/4"	.020	7/8"	22,000
10011	1"	.014	7/8"	22,000
10012	1"	.020	7/8"	22,000
(C) KNOT TYPE END BRUSHES - HOLLOW END				
10026	3/4"	.020	7/8"	22,000
10028	1⅛"	.020	7/8"	22,000
10187	1⅛"	.012	1-3/16"	20,000

(A)

(B)

(C)

Part No.	Diameter	Wire Size	Face Width	Trim Length	Max. RPM
(D) CONFLEX BRUSHES - NARROW FACE CRIMPED WIRE WHEELS					
17610	2"	.0118	3/8"	1/2"	20,000
17614	2½"	.014	3/8"	3/4"	20,000
17617	3"	.014	1/2"	1"	20,000
(E) KNOT WIRE WHEELS - STANDARD TWIST					
17681	3"	.014	3/8"	5/8"	25,000
17687	4"	.014	1/2"	7/8"	20,000

(D)

(E)

Part No.	Diameter	Wire Size	Max. RPM
(F) CIRCULAR FLARED END BRUSHES			
10038	1½"	.020	20,000
10040	2¾"	.020	16,000

(F)

Arbors , Adapters & Mandrels

GGG/3814

METAL ADAPTERS

For 6" & 8" Brushes Adapters are sold in pairs.

Part Number	Adapter for Arbor Hole Size
03809	2" - 1/2"
03810	2" - 5/8"
03811	2" - 3/4"
03824	2" - 7/8"
03812	2" - 1"
03813	2" - 1¼"
03814	2" - 1½"

MANDREL

For wheels up to 3/16" thick. 3/8" arbor diameter, 1/4" stem diameter.
Part No. AB0993.

DRIVE ARBORS

Part No.	Arbor Dia.	Stem Dia.	Length of Shaft	Max. RPM
Unthreaded Shaft				
07722	3/8"	1/4"	3/16"	20,000
07723	1/4"	1/4"	3/16"	20,000
Threaded Shaft				
07721	1/2"	1/4"	3/4"	20,000
07725	1/4"	1/4"	1⅛"	20,000
07726	3/8"	1/4"	1⅛"	20,000

07722

07723

07721

07726

FLEX-HONE® CYLINDER BORE FINISH TOOLS

With minimal stock removal and without damaging or changing the micro substructure of the metal, the Flex-Hone tool plateaus the surface, removes cut, torn and folded metal creating a cross-hatched finish that retains a film of oil, reducing friction, ring wear, and the factors that lead to scuffing. In hydraulics and two-stroke engines there is the double benefit of radiusing the ports and finishing the cylinder walls in a single operation. Note: Flex-Hone grits cannot be compared to stone type grits.

Silicon Carbide Type & Diameter	Part No. 120 Grit	Part No. 180 Grit	Part No. 240 Grit	Part No. 320 Grit
BC 4 mm (.157")		BC4M18		
BC 4.5 mm (.177")		BC45M18		
BC 3/16" (.187")		BC31618		
BC 5 mm (.197")		BC5M18		
BC 5.5 mm (.217")		BC55M18		
BC 6.4 mm (1/4")		BC64M18	BC64M24	
BC 7 mm (9/32")		BC7M18	BC7M24	
BC 8 mm (5/16")		BC8M18	BC8M24	
BC 9 mm (11/32")		BC9M18	BC9M24	
BC 9.5 mm (3/8")		BC95M18	BC95M24	
BC 10 mm (13/32")		BC10M18	BC10M24	
BC 11 mm (7/16")		BC11M18	BC11M24	
BC 12 mm (.472")		BC12M18	BC12M24	
BC 1/2" (12.7 mm)		BC1218	BC1224	BC1232
BC 14 mm (.532")		BC14M18		
BC 5/8" (16 mm)		BC5818	BC5824	
BC 18 mm (.709")		BC18M18		
BC 3/4" (19 mm)		BC3418	BC3424	
BC 20 mm (.787")		BC20M18		
BC 7/8" (22 mm)		BC7818	BC7824	
BC 1" (25.4 mm)		BC10018	BC10024	
BC 1-1/8" (29 mm)		BC11818	BC11824	
BC 1-1/4" (31.8 mm)		BC11418		
BC 1-3/8" (35 mm)		BC13818		
BC 1-1/2" (38 mm)		BC11218		
BC 1-5/8" (41 mm)		BC15818		
BC 1-3/4" (45 mm)		BC13418		
BC 2" (51 mm)		BC20018	BC20024	
BC 2-1/4" (57 mm)		BC21418		
BC 2-1/2" (64 mm)		BC21218		
BC 2-3/4" (70 mm)		BC23418		
BC 3" (76 mm)		BC30018		
DBC 1-1/2" (38 mm)		DBC11218		
DBC 1-3/4" (45 mm)		DBC13418		
DBC 2-1/8" (54 mm)		DBC21818		
DBC 2-1/2" (64 mm)		DBC21218		
DBC 2-3/4" (70 mm)		DBC23418		
DBC 3-1/8" (79 mm)		DBC31818		
GB 3-1/4" (83 mm)	GB31412	GB31418		
GB 3-1/2" (89 mm)	GB31212	GB31218		
GB 3-3/4" (95 mm)	GB33412	GB33418		
GB 4-1/8" (105 mm)	GB41812	GB41818		GB41832
GB 4-5/8" (118 mm)	GB45812	GB45818		
GBD 3" (76 mm)	GBD30012	GBD30018		
GBD 3-1/4" (83 mm)	GBD31412	GBD31418		
GBD 3-1/2" (89 mm)	GBD31212	GBD31218		
GBD 3-3/4" (95 mm)		GBD33418		
GBD 4" (101 mm)	GBD40012	GBD40018		
GBD 4-1/4" (108 mm)		GBD41418		
GBD 4-1/2" (108 mm)		GBD41218		
GBD 5" (127 mm)		GBD50018		
GBD 5-1/2" (140 mm)		GBD51218		
GBD 6" (152 mm)		GBD60018		
GBD 6-1/2" (185 mm)		GBD61218		
GBD 7" (178 mm)		GBD70018		
GBD 7-1/2" (190 mm)		GBD71218		
GBD 8" (203 mm)		GBD80018		

BC TYPE

Brake Cylinders, Hydraulics Valve Guides, Lifter Bores

4 mm through 3/16" diameter are 6" overall length; over 3/16" are 8" overall length

Typical Applications Include:

- Air compressors
- Hydraulic ram cylinders
- Hydraulic valve bodies and valve guides
- Hydraulic motor bodies
- Pneumatic cylinders
- Surface finishing of boiler parts
- Compressed air tool bodies
- Brake cylinders (wheel)
- Clutch and brake master cylinders
- Finishing of stainless steel tubing
- Engine cylinders and block liners

DBC TYPE

Disc Brake

5" overall length

GB TYPE

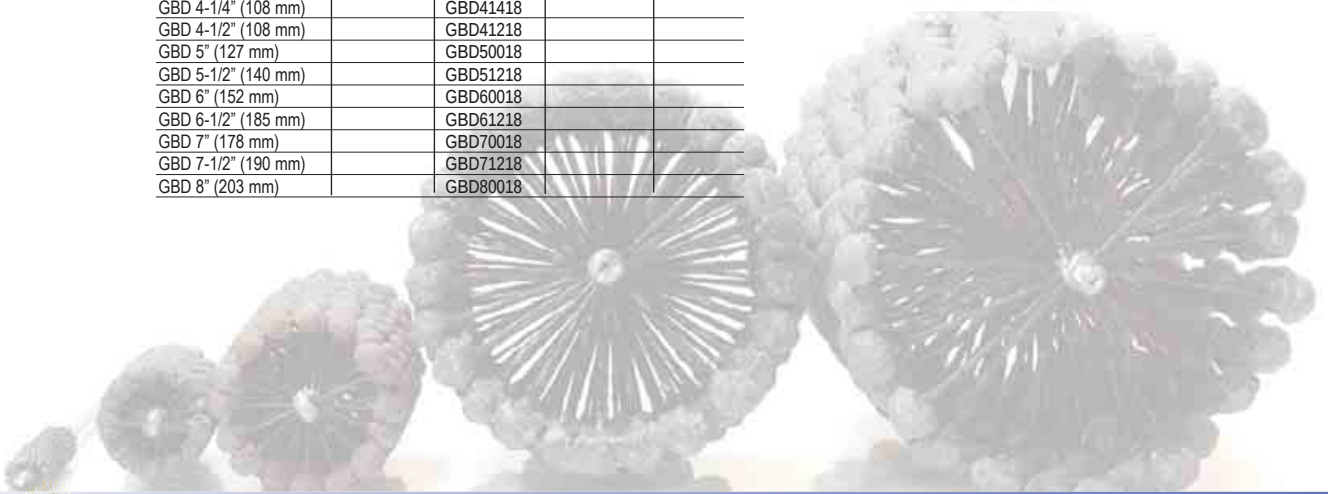
Standard Duty Block Cylinders

13½" overall length

GBD TYPE

Heavy Duty Block Cylinders

3" through 4½" diameter are 13½" overall length; over 4½" are 17½" overall length



SHARK WELDING

Professional Abrasives & Welding Accessories

Grinding Wheel Dressers

Brass Ground Clamps

Rosin Flux Core Solder

MIG Wire

Cutting Tips & Nozzles

Oxy-Acetylene Lighters

Flap Wheels

Multi-Purpose Magnets

Steel Cut-Off Wheels

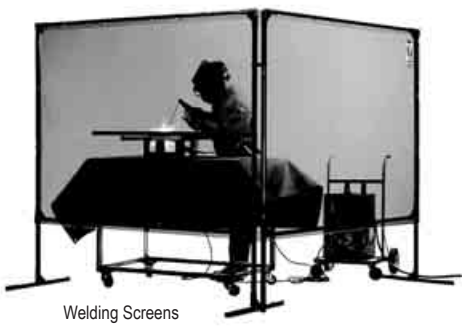
Please ask for more information on the Shark Welding line of Professional Abrasives & Welding Accessories.

Anti-Spatter Spray

Welding Rods & Electrodes

Welding Blankets, Gloves & Clothing

Contact Tips



Welding Screens

Section H

Fasteners

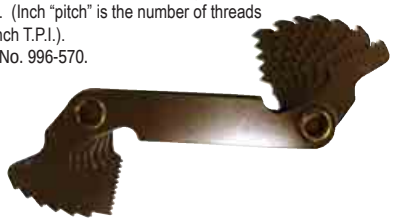
CELEBRATING 40 YEARS
40
1968
Gregg
2008

BOLT & NUT GAUGE

Heavy duty plastic gauge for measuring UNC, UNF, and metric bolts, nuts, screws, and studs. Individually packaged.
Part No. 022-030.

INCH SCREW PITCH GAUGE

For inch threads. 14 blades for threads from 10 to 40 per inch. Individually packaged. (Inch "pitch" is the number of threads per inch T.P.I.).
Part No. 996-570.



METRIC SCREW PITCH GAUGE

For metric threads. 14 blades for pitches from 0.45 to 2.50 mm. Individually packaged. (Metric "pitch" is the distance between threads.)
Part No. 996-571.

PLEASE NOTE:

The part number designations shown in the chart represents all sizes of cap screws stocked by Gregg Distributors. Those designations, when used with the part number PREFIX, comprise the complete part number.

BLACK

For NC Cap Screws: Part No. Prefix CS5BC-
For NF Cap Screws: Part No. Prefix CS5BF-

Bolt Length Under Head	BOLT SIZE																																			
	1/4"	Available NC	NF	5/16"	NC	NF	3/8"	NC	NF	7/16"	NC	NF	1/2"	NC	NF	9/16"	NC	NF	5/8"	NC	NF	3/4"	NC	NF	7/8"	NC	NF	1"	NC	NF						
1/2"	025-050	✓	✓	031-050	✓	✓	038-050	✓		-			-			-			-			-			-			-								
5/8"	025-062	✓	✓	031-062	✓	✓	038-062	✓	✓	-			050-062	✓		-			-			-			-			-								
3/4"	025-075	✓	✓	031-075	✓	✓	038-075	✓	✓	043-075	✓	✓	050-075	✓	✓	-			-			-			-			-								
7/8"	025-088	✓	✓	031-088	✓	✓	038-088	✓	✓	043-088	✓	✓	050-088	✓	✓	-			-			-			-			-								
1"	025-100	✓	✓	031-100	✓	✓	038-100	✓	✓	043-100	✓	✓	050-100	✓	✓	056-100	✓	✓	062-100	✓	✓	075-100	✓	✓	-			-								
1¼"	025-125	✓	✓	031-125	✓	✓	038-125	✓	✓	043-125	✓	✓	050-125	✓	✓	056-125	✓	✓	062-125	✓	✓	075-125	✓	✓	-			-								
1½"	025-150	✓	✓	031-150	✓	✓	038-150	✓	✓	043-150	✓	✓	050-150	✓	✓	056-150	✓	✓	062-150	✓	✓	075-150	✓	✓	088-150	✓	✓	100-150	✓							
1¾"	025-175	✓	✓	031-175	✓	✓	038-175	✓	✓	043-175	✓	✓	050-175	✓	✓	056-175	✓	✓	062-175	✓	✓	075-175	✓	✓	088-175	✓	✓	100-175	✓							
2"	025-200	✓	✓	031-200	✓	✓	038-200	✓	✓	043-200	✓	✓	050-200	✓	✓	056-200	✓	✓	062-200	✓	✓	075-200	✓	✓	088-200	✓	✓	100-200	✓	✓						
2¼"	025-225	✓	✓	031-225	✓	✓	038-225	✓		043-225	✓	✓	050-225	✓	✓	056-225	✓	✓	062-225	✓	✓	075-225	✓	✓	088-225	✓	✓	100-225	✓	✓						
2½"	025-250	✓	✓	031-250	✓	✓	038-250	✓	✓	043-250	✓	✓	050-250	✓	✓	056-250	✓	✓	062-250	✓	✓	075-250	✓	✓	088-250	✓	✓	100-250	✓	✓						
2¾"	025-275	✓	✓	031-275	✓	✓	038-275	✓	✓	043-275	✓	✓	050-275	✓	✓	056-275	✓		062-275	✓	✓	075-275	✓	✓	088-275	✓	✓	100-275	✓	✓						
3"	025-300	✓	✓	031-300	✓	✓	038-300	✓	✓	043-300	✓	✓	050-300	✓	✓	056-300	✓	✓	062-300	✓	✓	075-300	✓	✓	088-300	✓	✓	100-300	✓	✓						
3¼"	025-325	✓	✓	031-325	✓	✓	038-325	✓		043-325	✓	✓	050-325	✓	✓	056-325	✓	✓	062-325	✓	✓	075-325	✓	✓	088-325	✓	✓	100-325	✓	✓						
3½"	025-350	✓	✓	031-350	✓	✓	038-350	✓	✓	043-350	✓	✓	050-350	✓	✓	056-350	✓	✓	062-350	✓	✓	075-350	✓	✓	088-350	✓	✓	100-350	✓	✓						
3¾"	025-375	✓		031-375	✓	✓	038-375	✓	✓	043-375	✓		050-375	✓		056-375	✓	✓	062-375	✓	✓	075-375	✓	✓	088-375	✓		100-375	✓	✓						
4"	025-400	✓	✓	031-400	✓	✓	038-400	✓	✓	043-400	✓	✓	050-400	✓	✓	056-400	✓	✓	062-400	✓	✓	075-400	✓	✓	088-400	✓	✓	100-400	✓	✓						
4½"	025-450	✓	✓	031-450	✓	✓	038-450	✓	✓	043-450	✓	✓	050-450	✓	✓	056-450	✓		062-450	✓	✓	075-450	✓	✓	088-450	✓	✓	100-450	✓	✓						
5"	025-500	✓		031-500	✓	✓	038-500	✓	✓	043-500	✓	✓	050-500	✓	✓	056-500	✓	✓	062-500	✓	✓	075-500	✓	✓	088-500	✓	✓	100-500	✓	✓						
5½"	025-550	✓		031-550	✓	✓	038-550	✓	✓	043-550	✓	✓	050-550	✓	✓	056-550	✓	✓	062-550	✓	✓	075-550	✓	✓	088-550	✓	✓	100-550	✓	✓						
6"	025-600	✓	✓	031-600	✓	✓	038-600	✓	✓	043-600	✓	✓	050-600	✓	✓	056-600	✓	✓	062-600	✓	✓	075-600	✓	✓	088-600	✓	✓	100-600	✓	✓						
6½"	-			-			038-650	✓	✓	-			050-650	✓	✓	-			062-650	✓	✓	075-650	✓	✓	088-650	✓	✓	100-650	✓	✓						
7"	-			-			038-700	✓	✓	-			050-700	✓	✓	-			062-700	✓	✓	075-700	✓	✓	088-700	✓		100-700	✓	✓						
7½"	-			-			038-750	✓	✓	-			050-750	✓	✓	-			062-750	✓	✓	075-750	✓	✓	088-750	✓	✓	100-750	✓	✓						
8"	-			-			038-800	✓	✓	-			050-800	✓	✓	-			062-800	✓	✓	075-800	✓	✓	088-800	✓	✓	100-800	✓	✓						
8½"	-			-			-			-			050-850	✓		-			062-850	✓		075-850	✓		088-850	✓		100-850	✓							
9"	-			-			-			-			050-900	✓		-			062-900	✓		075-900	✓		088-900	✓		100-900	✓							
9½"	-			-			-			-			050-950	✓		-			062-950	✓		075-950	✓		088-950	✓		100-950	✓							
10"	-			-			-			-			050-1000	✓		-			062-1000	✓		075-1000	✓		088-1000	✓		100-1000	✓							
11"	-			-			-			-			050-1100	✓		-			062-1100	✓		075-1100	✓		-			-								
12"	-			-			-			-			050-1200	✓		-			062-1200	✓		075-1200	✓		-			-								

National Fine

National Coarse

Bolt Length Under Head	BOLT SIZE								
	1-1/8"	Available NC	NF	1-1/4"	NC	NF	1-1/2"	NC	NF
2"	-			125-200	✓		-		
2¼"	-			-			-		
2½"	112-250	✓		125-250	✓		-		
2¾"	-			-			-		
3"	112-300	✓		125-300	✓		150-300	✓	
3¼"	-			-			-		
3½"	112-350	✓		125-350	✓		150-350	✓	
3¾"	-			-			-		
4"	112-400	✓		125-400	✓		150-400	✓	
4½"	112-450	✓		125-450	✓		150-450	✓	
5"	112-500	✓		125-500	✓		150-500	✓	
5½"	112-550	✓		125-550	✓		150-550	✓	
6"	112-600	✓		125-600	✓		150-600	✓	
6½"	112-650	✓		125-650	✓		150-650	✓	
7"	112-700	✓		125-700	✓		150-700	✓	
7½"	112-750	✓		125-750	✓		150-750	✓	
8"	112-800	✓		125-800	✓		150-800	✓	
8½"	112-850	✓		125-850	✓		150-850	✓	
9"	112-900	✓		125-900	✓		150-900	✓	
9½"	112-950	✓		125-950	✓		-		
10"	112-1000	✓		-			150-1000	✓	

S.A.E. GRADE 5, Medium Carbon Heat Treated Steel Cap Screws

PLEASE NOTE:

The part number designations shown in the chart represents all sizes of cap screws stocked by Gregg Distributors. Those designations, when used with the part number PREFIX, comprise the complete part number.

For NC Cap Screws: Part No. Prefix CS5SC-
For NF Cap Screws: Part No. Prefix CS5SF-

PLATED

Bolt Length Under Head	BOLT SIZE																																					
	1/4"	Available NC	NF	5/16"	NC	NF	3/8"	NC	NF	7/16"	NC	NF	1/2"	NC	NF	9/16"	NC	NF	5/8"	NC	NF	3/4"	NC	NF	7/8"	NC	NF	1"	NC	NF								
1/2"	025-050	✓	✓	031-050	✓	✓	038-050	✓		-			-			-			-			-			-			-										
5/8"	025-062	✓		031-062	✓	✓	038-062	✓		-			-			-			-			-			-			-										
3/4"	025-075	✓	✓	031-075	✓	✓	038-075	✓	✓	043-075	✓	✓	050-075	✓	✓	-			-			-			-			-										
7/8"	025-088	✓		031-088	✓	✓	038-088	✓	✓	-			050-088	✓		-			-			-			-			-										
1"	025-100	✓	✓	031-100	✓	✓	038-100	✓	✓	043-100	✓	✓	050-100	✓	✓	056-100	✓	✓	062-100	✓		075-100	✓		-			-										
1¼"	025-125	✓	✓	031-125	✓	✓	038-125	✓	✓	043-125	✓	✓	050-125	✓	✓	056-125	✓		062-125	✓		075-125	✓		-			-										
1½"	025-150	✓	✓	031-150	✓	✓	038-150	✓	✓	043-150	✓	✓	050-150	✓	✓	056-150	✓	✓	062-150	✓	✓	075-150	✓	✓	088-150	✓		100-150	✓									
1¾"	025-175	✓		031-175	✓	✓	038-175	✓	✓	043-175	✓		050-175	✓	✓	056-175	✓	✓	062-175	✓	✓	075-175	✓	✓	088-175	✓		100-175	✓									
2"	025-200	✓	✓	031-200	✓	✓	038-200	✓	✓	043-200	✓	✓	050-200	✓	✓	056-200	✓	✓	062-200	✓	✓	075-200	✓	✓	088-200	✓	✓	100-200	✓	✓								
2¼"	025-225	✓	✓	031-225	✓	✓	038-225	✓	✓	043-225	✓	✓	050-225	✓	✓	056-225	✓		062-225	✓	✓	075-225	✓	✓	088-225	✓	✓	100-225	✓	✓								
2½"	025-250	✓	✓	031-250	✓	✓	038-250	✓	✓	043-250	✓	✓	050-250	✓	✓	056-250	✓	✓	062-250	✓	✓	075-250	✓	✓	088-250	✓	✓	100-250	✓	✓								
2¾"	025-275	✓		031-275	✓	✓	038-275	✓	✓	043-275	✓	✓	050-275	✓	✓	056-275	✓		062-275	✓		075-275	✓	✓	088-275	✓	✓	100-275	✓	✓								
3"	025-300	✓	✓	031-300	✓	✓	038-300	✓	✓	043-300	✓	✓	050-300	✓	✓	056-300	✓	✓	062-300	✓	✓	075-300	✓	✓	088-300	✓	✓	100-300	✓								
3¼"	025-325	✓	✓	031-325	✓	✓	038-325	✓	✓	043-325	✓	✓	050-325	✓		056-325	✓	✓	062-325	✓	✓	075-325	✓	✓	088-325	✓	✓	100-325	✓								
3½"	025-350	✓	✓	031-350	✓	✓	038-350	✓	✓	043-350	✓		050-350	✓	✓	056-350	✓	✓	062-350	✓	✓	075-350	✓	✓	088-350	✓		100-350	✓	✓								
3¾"	025-375	✓		031-375	✓	✓	038-375	✓	✓	043-375	✓		050-375	✓		056-375	✓	✓	062-375	✓	✓	075-375	✓	✓	088-375	✓	✓	100-375	✓								
4"	025-400	✓		031-400	✓	✓	038-400	✓	✓	043-400	✓		050-400	✓	✓	056-400	✓		062-400	✓	✓	075-400	✓	✓	088-400	✓		100-400	✓	✓								
4½"	025-450	✓	✓	031-450	✓	✓	038-450	✓	✓	043-450	✓	✓	050-450	✓	✓	056-450	✓		062-450	✓		075-450	✓	✓	088-450	✓	✓	100-450	✓									
5"	025-500	✓		031-500	✓	✓	038-500	✓	✓	043-500	✓	✓	050-500	✓	✓	056-500	✓	✓	062-500	✓	✓	075-500	✓	✓	088-500	✓	✓	100-500	✓	✓								
5½"	025-550	✓		031-550	✓	✓	038-550	✓	✓	043-550	✓	✓	050-550	✓		056-550	✓	✓	062-550	✓	✓	075-550	✓	✓	088-550	✓	✓	100-550	✓	✓								
6"	025-600	✓	✓	031-600	✓	✓	038-600	✓	✓	043-600	✓	✓	050-600	✓	✓	056-600	✓	✓	062-600	✓	✓	075-600	✓	✓	088-600	✓	✓	100-600	✓								
6½"	-			-			038-650	✓		-			050-650	✓		-			062-650	✓	✓	075-650	✓	✓	088-650	✓	✓	100-650	✓	✓								
7"	-			-			038-700	✓		-			050-700	✓		-			062-700	✓	✓	075-700	✓	✓	088-700	✓		100-700	✓	✓								
7½"	-			-			038-750	✓		-			050-750	✓		-			062-750	✓		075-750	✓	✓	088-750	✓	✓	100-750	✓	✓								
8"	-			-			038-800	✓		-			050-800	✓		-			062-800	✓	✓	075-800	✓	✓	088-800	✓		100-800	✓									
8½"	-			-			-			-			050-850	✓		-			062-850	✓		075-850	✓		088-850	✓		-										
9"	-			-			-			-			050-900	✓		-			062-900	✓		075-900	✓		088-900	✓		100-900	✓									
9½"	-			-			-			-			-			-			062-950	✓		-			-			-										
10"	-			-			-			-			050-1000	✓		-			062-1000	✓		075-1000	✓		088-1000	✓		100-1000	✓									
12"	-			-			-			-			-			-			-			075-1200	✓		-			-										

S.A.E. GRADE 8, Alloy Steel Heat Treated Cap Screws

For NC Cap Screws: Part No. Prefix CS8SC-
For NF Cap Screws: Part No. Prefix CS8SF-

PLATED

Bolt Length Under Head	BOLT SIZE																																					
	1/4"	Available NC	NF	5/16"	NC	NF	3/8"	NC	NF	7/16"	NC	NF	1/2"	NC	NF	9/16"	NC	NF	5/8"	NC	NF	3/4"	NC	NF	7/8"	NC	NF	1"	NC	NF								
1/2"	025-050	✓	✓	031-050	✓	✓	038-050	✓	✓	-			-			-			-			-			-			-										
5/8"	025-062	✓	✓	031-062	✓	✓	038-062	✓	✓	-			-			-			-			-			-			-										
3/4"	025-075	✓	✓	031-075	✓	✓	038-075	✓	✓	043-075	✓	✓	050-075	✓		-			-			-			-			-										
7/8"	025-088	✓	✓	031-088	✓	✓	038-088	✓	✓	043-088	✓	✓	050-088	✓		-			-			-			-			-										
1"	025-100	✓	✓	031-100	✓	✓	038-100	✓	✓	043-100	✓	✓	050-100	✓	✓	056-100	✓	✓	062-100	✓	✓	075-100	✓		-			-										
1¼"	025-125	✓	✓	031-125	✓	✓	038-125	✓	✓	043-125	✓	✓	050-125	✓	✓	056-125	✓	✓	062-125	✓	✓	075-125	✓	✓	-			-										
1½"	025-150	✓	✓	031-150	✓	✓	038-150	✓	✓	043-150	✓	✓	050-150	✓	✓	056-150	✓	✓	062-150	✓	✓	075-150	✓	✓	088-150	✓	✓	100-150	✓	✓								
1¾"	025-175	✓	✓	031-175	✓	✓	038-175	✓	✓	043-175	✓	✓	050-175	✓	✓	056-175	✓	✓	062-175	✓	✓	075-175	✓	✓	088-175	✓	✓	100-175	✓	✓								
2"	025-200	✓	✓	031-200	✓	✓	038-200	✓	✓	043-200	✓	✓	050-200	✓	✓	056-200	✓	✓	062-200	✓	✓	075-200	✓	✓	088-200	✓	✓	100-200	✓	✓								
2¼"	025-225	✓	✓	031-225	✓	✓	038-225	✓	✓	043-225	✓	✓	050-225	✓	✓	056-225	✓	✓	062-225	✓	✓	075-225	✓	✓	088-225	✓	✓	100-225	✓	✓								
2½"	025-250	✓	✓	031-250	✓	✓	038-250	✓	✓	043-250	✓	✓	050-250	✓	✓	056-250	✓	✓	062-250	✓	✓	075-250	✓	✓	088-250	✓	✓	100-250	✓	✓								
2¾"	025-275	✓	✓	031-275	✓	✓	038-275	✓	✓	043-275	✓	✓	050-275	✓	✓	056-275	✓	✓	062-275	✓	✓	075-275	✓	✓	088-275	✓	✓	100-275	✓	✓								
3"	025-300	✓	✓	031-300	✓	✓	038-300	✓	✓	043-300	✓	✓	050-300	✓	✓	056-300	✓	✓	062-300	✓	✓	075-300	✓	✓	088-300	✓	✓	100-300	✓	✓								
3¼"	025-325	✓	✓	031-325	✓	✓	038-325	✓	✓	043-325	✓	✓	050-325	✓		056-325	✓	✓	062-325	✓	✓	075-325	✓	✓	088-325	✓	✓	100-325	✓	✓								
3½"	025-350	✓	✓	031-350	✓	✓	038-350	✓	✓	043-350	✓	✓	050-350	✓	✓	056-350	✓	✓	062-350	✓	✓	075-350	✓	✓	088-350	✓	✓	100-350	✓	✓								
3¾"	025-375	✓	✓	031-375		✓	038-375	✓	✓	043-375	✓	✓	050-375	✓	✓	056-375	✓	✓	062-375	✓	✓	075-375	✓	✓	088-375	✓	✓	100-375	✓	✓								
4"	025-400	✓	✓	031-400	✓	✓	038-400	✓	✓	043-400	✓	✓	050-400	✓	✓	056-400	✓	✓	062-400	✓	✓	075-400	✓	✓	088-400	✓	✓	100-400	✓	✓								
4½"	025-450	✓	✓	031-450	✓	✓	038-450	✓	✓	043-450	✓	✓	050-450	✓	✓	056-450	✓	✓	062-450	✓	✓	075-450	✓	✓	088-450	✓	✓	100-450	✓	✓								
5"	025-500	✓	✓	031-500	✓	✓	038-500	✓	✓	043-500	✓	✓	050-500	✓	✓	056-500	✓	✓	062-500	✓	✓	075-500	✓	✓	088-500	✓	✓	100-500	✓	✓								
5½"	025-550	✓	✓	031-550	✓	✓	038-550	✓	✓	043-550	✓	✓	050-550	✓	✓	056-550	✓	✓	062-550	✓	✓	075-550	✓	✓	088-550	✓	✓	100-550	✓	✓								
6"	025-600	✓		031-600	✓	✓	038-600	✓	✓	043-600	✓	✓	050-600	✓	✓	056-600	✓	✓	062-600	✓	✓	075-600	✓	✓	088-600	✓	✓	100-600	✓	✓								
6½"	-			-			-			-			050-650	✓		-			062-650	✓		075-650	✓		088-650	✓		100-650	✓									
7"	-			-			-			-			050-700	✓	✓	-			062-700	✓	✓	075-700	✓	✓	088-700	✓	✓	100-700	✓	✓								
7½"	-			-			-			-			050-750	✓		-			062-750	✓		075-750	✓		088-750	✓		100-750	✓									
8"	-			-			-			-			050-800	✓	✓	-			062-800	✓	✓	075-800	✓	✓	088-800	✓	✓	100-800	✓	✓								
8½"	-			-			-			-			050-850	✓		-			062-850	✓		075-850	✓		088-850	✓		100-850	✓									
9"	-			-			-			-			050-900	✓		-			062-900	✓		075-900	✓		088-900	✓		100-900	✓									
9½"	-			-			-			-			050-950	✓		-			062-950	✓		075-950	✓		-			100-950	✓									
10"	-			-			-			-			050-1000	✓		-			062-1000	✓		075-1000	✓		088-1000	✓		100-1000	✓									

Continued

HEX CAP SCREWS

S.A.E. GRADE 8, Alloy Steel Heat Treated Cap Screws

PLATED

For NC Cap Screws: Part No. Prefix CS8SC-

Bolt Length Under Head	BOLT SIZE 1-1/8"	Available NC	Available NF	1-1/4"	Available NC	Available NF	1-1/2"	Available NC	Available NF
2½"	112-250	✓		125-250	✓		-		
2¾"	-			-			-		
3"	112-300	✓		125-300	✓		150-300	✓	
3¼"	-			-			-		
3½"	112-350	✓		125-350	✓		150-350	✓	
3¾"	-			-			-		
4"	112 -400	✓		125-400	✓		150-400	✓	
4½"	112-450	✓		125-450	✓		150-450	✓	
5"	112-500	✓		125-500	✓		150-500	✓	
5½"	112-550	✓		125-550	✓		150-550	✓	
6"	112-600	✓		125-600	✓		150-600	✓	
6½"	112-650	✓		125-650	✓		-		
7"	112-700	✓		125-700	✓		150-700	✓	
7½"	112-750	✓		125-750	✓		-		
8"	112-800	✓		125-800	✓		150-800	✓	
8½"	-			-			-		
9"	112-900	✓		125-900	✓		150-900	✓	
10"	112-1000	✓		125-1000	✓		150-1000	✓	

Lamalloy L9 Fastening System 180,000 Min. PSI Tensile Zinc Dichromate Cap Screw

For NC Cap Screws: Part No. Prefix CS9SC-
For NF Cap Screws: Part No. Prefix CS9SF-

PLATED

Bolt Length Under Head	BOLT SIZE 1/4"	Available NC	Available NF	5/16"	Available NC	Available NF	3/8"	Available NC	Available NF	7/16"	Available NC	Available NF	1/2"	Available NC	Available NF	9/16"	Available NC	Available NF	5/8"	Available NC	Available NF	3/4"	Available NC	Available NF	7/8"	Available NC	Available NF	1"	Available NC	Available NF
1/2"	025-050	✓	✓	031-050	✓		038-050	✓		-			-			-			-			-			-			-		
3/4"	025-075	✓	✓	031-075	✓	✓	038-075	✓	✓	043-075	✓		050-075	✓		-			-			-			-			-		
1"	025-100	✓	✓	031-100	✓	✓	038-100	✓	✓	043-100	✓	✓	050-100	✓	✓	056-100	✓		062-100	✓	✓	-			-			-		
1¼"	025-125	✓	✓	031-125	✓	✓	038-125	✓	✓	043-125	✓	✓	050-125	✓	✓	-			062-125	✓		-			-			-		
1½"	025-150	✓	✓	031-150	✓	✓	038-150	✓	✓	043-150	✓	✓	050-150	✓	✓	056-150	✓	✓	062-150	✓	✓	075-150	✓	✓	-			-		
1¾"	025-175	✓		031- 175	✓	✓	038-175	✓	✓	043-175	✓	✓	050-175	✓	✓	-			062-175	✓	✓	075-175	✓	✓	-			-		
2"	025-200	✓	✓	031-200	✓	✓	038-200	✓	✓	043-200	✓	✓	050-200	✓	✓	056-200	✓	✓	062-200	✓	✓	075-200	✓	✓	088-200	✓	✓	100-200	✓	
2¼"	-			-			038-225	✓	✓	-			050-225	✓	✓	-			062-225	✓	✓	075-225	✓	✓	-			-		
2½"	025-250	✓	✓	031-250	✓	✓	038-250	✓	✓	043-250	✓	✓	050-250	✓	✓	056-250	✓	✓	062-250	✓	✓	075-250	✓	✓	088-250	✓	✓	100-250	✓	✓
2¾"	-			-			-			-			-			-			062-275	✓	✓	075-275	✓	✓	-			-		
3"	025-300	✓	✓	031-300	✓	✓	038-300	✓	✓	043-300	✓	✓	050-300	✓	✓	056-300	✓	✓	062-300	✓	✓	075-300	✓	✓	088-300	✓	✓	100-300	✓	✓
3½"	-			031-350	✓		038-350	✓	✓	043-350	✓	✓	050-350	✓	✓	056-350	✓	✓	062-350	✓	✓	075-350	✓	✓	088-350	✓	✓	100-350	✓	✓
4"	-			031-400	✓		038-400	✓	✓	043-400	✓	✓	050-400	✓	✓	056-400	✓	✓	062-400	✓	✓	075-400	✓	✓	088-400	✓	✓	100-400	✓	✓
4½"	-			-			038-450	✓		-			050-450	✓		-			062-450	✓	✓	075-450	✓	✓	088-450	✓	✓	100-450	✓	✓
5"	-			-			038-500	✓		043-500	✓		050-500	✓	✓	056-500	✓		062-500	✓	✓	075-500	✓	✓	088-500	✓	✓	100-500	✓	✓
5½"	-			-			-			-			-			-			062-550	✓	✓	075-550	✓	✓	088-550	✓	✓	100-550	✓	✓
6"	-			-			038-600	✓		043-600	✓		050-600	✓	✓	-			062-600	✓	✓	075-600	✓	✓	088-600	✓	✓	100-600	✓	✓
7"	-			-			-			-			050-700	✓	✓	-			062-700	✓	✓	075-700	✓	✓	088-700	✓	✓	100-700	✓	✓
8"	-			-			-			-			050-800	✓	✓	-			062-800	✓	✓	075-800	✓	✓	088-800	✓	✓	100-800	✓	✓
9"	-			-			-			-			-			-			062-900	✓	✓	075-900	✓	✓	088-900	✓	✓	100-900	✓	✓
10"	-			-			-			-			-			-			062-1000	✓		075-1000	✓	✓	088-1000	✓		100-1000	✓	✓
11"	-			-			-			-			-			-			062-1100	✓		075-1100	✓	✓	088-1100	✓		100-1100	✓	✓
12"	-			-			-			-			-			-			062-1200	✓		075-1200	✓		088-1200	✓		100-1200	✓	✓

Bolt Length Under Head	BOLT SIZE 1-1/8"	Available NC	Available NF	1-1/4"	Available NC	Available NF	1-1/2"	Available NC	Available NF
3"	112-300	✓	✓	125-300	✓	✓	150-300		
3½"	112-350	✓	✓	125-350	✓	✓	150-350		
4"	112 -400	✓	✓	125-400	✓	✓	150-400	✓	✓
4½"	112-450	✓	✓	125-450	✓	✓	150-450		
5"	112-500	✓	✓	125-500	✓	✓	150-500	✓	✓
5½"	112-550			125-550	✓	✓	150-550		
6"	112-600	✓	✓	125-600	✓	✓	150-600	✓	✓
7"	112-700	✓	✓	125-700	✓	✓	150-700	✓	✓
8"	112-800		✓	125-800	✓	✓	150-800	✓	
9"	112-900			125-900	✓	✓	150-900		
10"	112-1000	✓		125-1000	✓	✓	150-1000	✓	
11"	112-1100			125-1100	✓	✓	150-1100		
12"	112-1200			125-1200	✓	✓	150-1200	✓	

SOCKET HEAD CAP SCREWS

These products do not use prefixes. Chart lists complete part numbers

NC Socket Head Cap Screws

Screw Length Under Head	SCREW SIZE											
	6/32"	8/32"	10/24"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
1/4"	235-050	235-062	-	-	-	-	-	-	-	-	-	-
3/8"	235-052	235-064	235-076	235-090	235-107	-	-	-	-	-	-	-
1/2"	235-054	235-066	235-078	235-092	235-109	235-128	-	-	-	-	-	-
5/8"	235-055	235-067	235-079	235-093	235-110	235-129	-	-	-	-	-	-
3/4"	235-056	235-068	235-080	235-094	235-111	235-130	235-150	235-168	-	-	-	-
7/8"	235-057	235-069	235-081	235-095	235-112	235-131	-	-	-	-	-	-
1"	235-058	235-070	235-082	235-096	235-113	235-132	235-152	235-170	235-193	-	-	-
1¼"	-	235-071	235-083	235-097	235-114	235-133	235-153	235-171	235-194	235-216	-	-
1½"	-	235-072	235-084	235-098	235-115	235-134	235-154	235-172	235-195	235-217	-	-
1¾"	-	-	235-085	235-099	235-116	235-135	235-155	235-173	235-196	235-218	-	-
2"	-	-	235-086	235-100	235-117	235-136	235-156	235-174	235-197	235-219	235-240	235-262
2¼"	-	-	-	235-101	235-118	235-137	235-157	235-175	235-198	235-220	235-241	-
2½"	-	-	-	235-102	235-119	235-138	235-158	235-176	235-199	235-221	235-242	235-264
2¾"	-	-	-	235-103	235-120	235-139	-	235-177	235-200	235-222	235-243	235-265
3"	-	-	-	235-104	235-121	235-140	235-160	235-178	235-201	235-223	235-244	235-266
3¼"	-	-	-	-	-	235-141	235-161	235-179	-	235-224	-	235-267
3½"	-	-	-	-	235-123	235-142	235-162	235-180	235-203	235-225	-	235-268
4"	-	-	-	-	-	235-143	235-163	235-181	235-204	235-226	235-247	235-269
4½"	-	-	-	-	-	235-144	-	235-182	-	235-227	235-248	235-270
5"	-	-	-	-	-	235-145	-	-	235-206	235-228	235-249	235-271
5½"	-	-	-	-	-	-	-	235-184	235-207	235-229	235-250	235-272
6"	-	-	-	-	-	-	-	235-185	-	-	235-251	235-273
6½"	-	-	-	-	-	-	-	235-186	-	235-231	-	-
7"	-	-	-	-	-	-	-	235-187	235-210	235-232	235-253	235-275
8"	-	-	-	-	-	-	-	235-188	235-211	235-233	235-254	235-276

NF Socket Head Cap Screws

Screw Length Under Head	SCREW SIZE						
	6/40"	10/32"	1/4"	5/16"	3/8"	7/16"	1/2"
3/8"	236-052	236-076	236-090	-	-	-	-
1/2"	236-054	236-078	236-092	-	-	-	-
5/8"	236-055	236-079	236-093	236-110	-	-	-
3/4"	236-056	236-080	236-094	236-111	-	-	-
7/8"	-	236-081	-	-	-	-	-
1"	-	236-082	236-096	236-113	236-132	236-152	236-170
1¼"	-	236-083	236-097	236-114	236-133	236-153	236-171
1½"	-	236-084	236-098	236-115	236-134	-	236-172
1¾"	-	236-085	236-099	236-116	236-135	-	-
2"	-	236-086	236-100	236-117	236-136	236-156	236-174
2½"	-	-	-	-	236-138	-	236-176
2¾"	-	-	-	-	-	-	236-177
3"	-	-	-	-	236-140	-	-

CARRIAGE BOLTS - GRADE 2 - NC

Part No. Prefix CB2BC-

BLACK

Bolt Length Under Head	BOLT SIZE						
	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"
1/2"	025-050	-	-	-	-	-	-
5/8"	-	031-062	-	-	-	-	-
3/4"	025-075	031-075	038-075	-	-	-	-
1"	025-100	031-100	038-100	-	050-100	-	-
1¼"	025-125	031-125	038-125	043-125	050-125	-	-
1½"	025-150	031-150	038-150	043-150	050-150	-	-
1¾"	025-175	031-175	038-175	-	050-175	-	-
2"	025-200	031-200	038-200	043-200	050-200	062-200	-
2¼"	025-225	031-225	038-225	043-225	050-225	-	-
2½"	025-250	031-250	038-250	043-250	050-250	062-250	-
2¾"	025-275	031-275	038-275	-	050-275	-	075-275
3"	025-300	031-300	038-300	043-300	050-300	062-300	075-300
3¼"	-	031-325	038-325	043-325	050-325	-	-
3½"	025-350	031-350	038-350	043-350	050-350	062-350	075-350
3¾"	025-375	-	038-375	-	050-375	062-375	-
4"	025-400	031-400	038-400	-	050-400	062-400	-
4½"	025-450	031-450	038-450	043-450	050-450	062-450	075-450
5"	025-500	031-500	038-500	043-500	050-500	-	075-500
5½"	025-550	031-550	038-550	043-550	050-550	062-550	-
6"	025-600	031-600	038-600	043-600	050-600	062-600	075-600
6½"	025-650	-	038-650	-	050-650	062-650	-
7"	025-700	-	038-700	043-700	050-700	062-700	075-700
7½"	-	-	038-750	043-750	050-750	-	-
8"	025-800	031-800	038-800	043-800	050-800	062-800	075-800
8½"	-	-	-	-	050-850	062-850	-
9"	-	-	038-900	-	050-900	062-900	075-900
9½"	-	-	038-950	-	-	-	-
10"	-	-	038-1000	-	050-1000	062-1000	075-1000
11"	-	031-1100	-	-	-	062-1100	075-1100
12"	-	-	038-1200	-	050-1200	-	-
13"	-	-	-	-	050-1300	-	-
14"	-	-	-	-	050-1400	-	-

Part No. Prefix: CB2SC-

PLATED

Bolt Length Under Head	BOLT SIZE				
	1/4"	5/16"	3/8"	7/16"	1/2"
3/4"	025-075	031-075	-	-	-
1"	025-100	031-100	038-100	-	-
1¼"	025-125	031-125	038-125	043-125	-
1½"	025-150	031-150	038-150	043-150	050-150
1¾"	025-175	031-175	038-175	-	-
2"	025-200	031-200	038-200	043-200	050-200
2¼"	-	031-225	038-225	043-225	-
2½"	025-250	031-250	038-250	043-250	050-250
2¾"	-	-	-	-	050-275
3"	025-300	031-300	038-300	043-300	050-300
3¼"	-	-	-	043-325	050-325
3½"	025-350	031-350	038-350	043-350	050-350
3¾"	025-375	-	038-375	-	-
4"	025-400	031-400	038-400	-	050-400
4½"	025-450	031-450	038-450	043-450	050-450
5"	025-500	031-500	038-500	043-500	050-500
5½"	025-550	031-550	038-550	-	050-550
6"	025-600	031-600	038-600	043-600	050-600
6½"	-	-	038-650	-	050-650
7"	-	-	038-700	-	050-700
7½"	-	-	038-750	-	050-750
8"	-	-	038-800	-	050-800
8½"	-	-	-	-	050-850
9"	-	-	-	-	050-900
10"	-	-	038-1000	-	050-1000
12"	-	-	-	-	050-1200

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CARRIAGE BOLTS - GRADE 5 - NC

Part No. Prefix: CB5SC-

PLATED

Bolt Length Under Head	BOLT SIZE 1/4"	5/16"	3/8"	7/16"	1/2"
3/4"	025-075	-	038-075	-	-
1"	025-100	031-100	038-100	043-100	050-100
1¼"	025-125	031-125	038-125	043-125	050-125
1½"	025-150	031-150	038-150	043-150	050-150
1¾"	025-175	031-175	038-175	043-175	050-175
2"	025-200	031-200	038-200	043-200	050-200
2¼"	025-225	-	038-225	043-225	050-225
2½"	025-250	031-250	038-250	043-250	050-250
2¾"	-	-	038-275	-	050-275
3"	-	-	038-300	043-300	050-300

ELEVATOR BOLTS - NC

BLACK

Part No. Prefix: EBBC-

Bolt Length Under Head	BOLT SIZE 1/4"	5/16"	3/8"
3/4"	025-075	-	-
1"	025-100	031-100	-
1¼"	025-125	031-125	038-125
1½"	025-150	031-150	038-150
2"	025-200	031-200	038-200

DOME SCRAPER BOLTS - NC

BLACK

Part No. Prefix: DSBC-

Bolt Length Under Head	BOLT SIZE 5/8"	3/4"	7/8"	1"
2"	062-200	075-200	-	-
2¼"	062-225	075-225	-	-
2½"	062-250	075-250	-	-
2¾"	-	075-275	088-275	-
3"	062-300	075-300	088-300	100-300
3¼"	-	-	-	100-325
3½"	062-350	075-350	088-350	100-350
4"	-	-	-	100-400

PLOW BOLTS - GRADE 5 - NC

Part No. Prefix: PO5SC-

PLATED

Bolt Length Under Head	Head Size	BOLT SIZE 3/8"	7/16"
1¼"	7/16"	038-125	-
1½"	7/16"	038-150	-
1¾"	7/16"	038-175	043-175
2"	1/2"	-	043-200
2¼"	1/2"	-	043-225
2½"	1/2"	-	043-250

OVERSIZED

Part No. Prefix: PB5BC-

BLACK

Bolt Length Under Head	BOLT SIZE 3/8"	7/16"	1/2"	5/8"
1"	038-100	-	-	-
1¼"	038-125	043-125	050-125	-
1½"	038-150	043-150	050-150	-
1¾"	038-175	043-175	050-175	062-175
2"	038-200	043-200	050-200	-
2¼"	-	043-225	050-225	062-225
2½"	038-250	043-250	050-250	062-250
2¾"	-	-	050-275	-
3"	-	043-300	050-300	062-300

Part No. Prefix: PB5SC-

PLATED

Bolt Length Under Head	BOLT SIZE 3/8"	7/16"	1/2"
1"	038-100	-	-
1¼"	038-125	-	050-125
1½"	038-150	043-150	050-150
1¾"	038-175	043-175	050-175
2"	038-200	043-200	050-200
2¼"	-	043-225	050-225
2½"	038-250	043-250	050-250
2¾"	-	-	050-275
3"	-	043-300	050-300
3½"	-	-	050-350

READY ROD - NC & METRIC

Part No. Prefix: RRBC-

•NC •BLACK

Rod Length	ROD SIZE 1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"
3 ft.	025-3600	031-3600	038-3600	043-3600	050-3600	062-3600	075-3600	088-3600	100-3600	112-3600	125-3600	150-3600
10 ft.	025-12000	031-12000	038-12000	043-12000	050-12000	062-12000	075-12000	088-12000	100-12000	-	-	150-12000
12 ft.	025-14400	031-14400	038-14400	043-14400	050-14400	062-14400	075-14400	088-14400	100-14400	112-14400	125-14400	150-14400

Part No. Prefix: RRSC-

•NC •PLATED

Rod Length	ROD SIZE 1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
3 ft.	025-3600	031-3600	038-3600	043-3600	050-3600	062-3600	075-3600	088-3600	100-3600
10 ft.	025-12000	031-12000	038-12000	-	050-12000	062-12000	075-12000	088-12000	100-12000

•METRIC •PLATED

Part No. Prefix: RRPM-

Rod Length	ROD SIZE 6 x 1.0	8 x 1.25	10 x 1.5	12 x 1.75
1 M	06-1000	08-1000	10-1000	12-1000

ALLOY THREADED BAR

Part No. Prefix: ABSC-

•NC •PLATED

Rod Length	ROD SIZE												
	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"
3 ft.	025-3600	031-3600	038-3600	043-3600	050-3600	056-3600	062-3600	075-3600	088-3600	100-3600	112-3600	125-3600	150-3600

Part No. Prefix: ABSF-

•NF •PLATED

Rod Length	ROD SIZE											
	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"
3 ft.	025-3600	031-3600	038-3600	043-3600	050-3600	062-3600	075-3600	088-3600	100-3600	112-3600	125-3600	150-3600

HEX NUTS - FINISHED FULL HEXAGON - GRADE 2

Part No. Prefix: HN2BC-

•NC •BLACK

NUT SIZE															
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-3/8"	1-1/2"	1-5/8"	1-3/4"	2"
025	031	038	043	050	056	062	075	088	100	112	125	138	150	162	175	200

Part No. Prefix: HN2BF-

•NF •BLACK

NUT SIZE													
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-3/8"	1-1/2"
025	031	038	043	050	056	062	075	088	100	112	125	138	150

Part No. Prefix: HN2SC-

•NC •PLATED

NUT SIZE												
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"
025	031	038	043	050	056	062	075	088	100	112	125	150

Part No. Prefix: HN2SF-

•NF •PLATED

NUT SIZE												
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"
025	031	038	043	050	056	062	075	088	100	112	125	150

HEX NUTS - FINISHED FULL HEXAGON - GRADE 5

Part No. Prefix: HN5BC-

•NC •BLACK

NUT SIZE									
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
025	031	038	043	050	056	062	075	088	100

Part No. Prefix: HN5BF-

•NF •BLACK

NUT SIZE									
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
025	031	038	043	050	056	062	075	088	100

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HEX NUTS - FINISHED FULL HEXAGON - GRADE 5

Part No. Prefix: HN5SC- •NC •PLATED

NUT SIZE									
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
025	031	038	043	050	056	062	075	088	100

Part No. Prefix: HN5SF- •NF •PLATED

NUT SIZE									
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
025	031	038	043	050	056	062	075	088	100

HEX NUTS - FINISHED FULL HEXAGON - GRADE 8

Part No. Prefix: HN8SC- •NC •PLATED

NUT SIZE												
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"
025	031	038	043	050	056	062	075	088	100	112	125	150

Part No. Prefix: HN8SF- •NF •PLATED

NUT SIZE												
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"
025	031	038	043	050	056	062	075	088	100	112	125	150

HEX NUTS - FINISHED FULL HEXAGON - LAMALLOY L9

Part No. Prefix: HN9SC- •NC •PLATED

NUT SIZE												
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"
025	031	038	043	050	056	062	075	088	100	112	125	150

Part No. Prefix: HN9SF- •NF •PLATED

NUT SIZE												
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"
025	031	038	043	050	056	062	075	088	100	112	125	150

HEX NUTS - HEAVY SEMI-FINISHED

Part No. Prefix: SFBC- •NC •BLACK

NUT SIZE																
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-3/8"	1-1/2"	1-5/8"	1-3/4"	1-7/8"	2"
025	031	038	043	050	056	062	075	088	100	112	125	138	150	162	175	188	200

NYLON LOCK HEX NUTS

Part No. Prefix: NNS- •PLATED

NUT SIZE			
6/32"	8/32"	10/24"	10/32"
632	832	1024	1032

Part No. Prefix: NNSC- •NC •PLATED

NUT SIZE													
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1⅛"	1¼"	1⅜"	1½"
025	031	038	043	050	056	062	075	088	100	112	125	138	150

Part No. Prefix: NNSF- •NF •PLATED

NUT SIZE											
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1¼"	1½"
025	031	038	043	050	056	062	075	088	100	125	150

NYLON LOCK HEX NUTS - GRADE 8

Part No. Prefix: NN8SC- •NC •PLATED

NUT SIZE									
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
025	031	038	043	050	056	062	075	088	100

Part No. Prefix: NN8SF- •NF •PLATED

NUT SIZE									
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
025	031	038	043	050	056	062	075	088	100

STOVER LOCK HEX NUTS - GRADE C

Part No. Prefix: SLCSC- •NC •PLATED

NUT SIZE									
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
025	031	038	043	050	056	062	075	088	100

Part No. Prefix: SLCSF- •NF •PLATED

NUT SIZE									
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
025	031	038	043	050	056	062	075	088	100

STOVER LOCK HEX NUTS - GRADE L9

Part No. Prefix: SL9SC- •NC •PLATED

NUT SIZE												
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1⅛"	1¼"	1½"
025	031	038	043	050	056	062	075	088	100	112	125	150

Part No. Prefix: SL9SF- •NF •PLATED

NUT SIZE												
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1⅛"	1¼"	1½"
025	031	038	043	050	056	062	075	088	100	112	125	150

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HEX COUPLING NUTS

Part No. Prefix: CNSC- • NC • PLATED

NUT SIZE							
1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
025	031	038	043	050	062	075	088	100

WASHERS - S.A.E.

Part No. Prefix: SWB- • BLACK

WASHER SIZE										
3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
018	025	031	038	043	050	056	062	075	088	100

Part No. Prefix: SWS- • PLATED

WASHER SIZE													
#6	#8	#10	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
6	8	10	018	025	031	038	043	050	056	062	075	088	100

PLATE WASHERS

Part No. Prefix: PWB- • BLACK

WASHER SIZE															
3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-3/8"	1-1/2"	1-5/8"	1-3/4"	2"
018	025	031	038	043	050	056	062	075	088	100	112	125	138	150	162	175	200

Part No. Prefix: PWS- • PLATED

WASHER SIZE										
3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
018	025	031	038	043	050	056	062	075	088	100

Part No. Prefix: 8WS- • GRADE 8 • PLATED

WASHER SIZE												
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"
025	031	038	043	050	056	062	075	088	100	112	125	150

Part No. Prefix: 9WS- • GRADE L9 • PLATED

WASHER SIZE												
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"
025	031	038	043	050	056	062	075	088	100	112	125	150

LOCK WASHERS

Part No. Prefix: LWB- • BLACK

WASHER SIZE												
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-3/8"	1-1/2"
025	031	038	043	050	056	062	075	088	100	112	125	138	150

LOCK WASHERS

Part No. Prefix: LWS- • PLATED

WASHER SIZE									
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
025	031	038	043	050	056	062	075	088	100

Part No. Prefix: 8LWS- • GRADE 8 • PLATED

WASHER SIZE												
1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"
025	031	038	043	050	056	062	075	088	100	112	125	150

NUT & BOLT ASSORTMENTS

PART NO.	DESCRIPTION
ASSORTMENT 101	Grade 5, black, NC, 988 pieces containing all products listed on the chart below.
ASSORTMENT 102	Grade 5, plated, NC, 988 pieces containing all products listed on the chart below.
ASSORTMENT 103	Grade 8, plated, NC, 988 pieces containing all products listed on the chart below.
ASSORTMENT 104	Grade L9, plated, NC, 988 pieces containing all products listed on the chart below.

988 PIECE ASSORTMENTS

Qty.	Size (in.)	Qty.	Size (in.)	Qty.	Size (in.)	Qty.	Size (in.)	Qty.	Size (in.)
12	1/4 x 3/4	12	5/16 x 3/4	12	3/8 x 1	5	7/16 x 1	6	1/2 x 1
12	1/4 x 1	12	5/16 x 1	12	3/8 x 1-1/2	5	7/16 x 1-1/2	6	1/2 x 1-1/2
12	1/4 x 1-1/2	12	5/16 x 1-1/2	12	3/8 x 2	5	7/16 x 2	6	1/2 x 2
12	1/4 x 2	12	5/16 x 2	12	3/8 x 2-1/2	5	7/16 x 2-1/2	6	1/2 x 2-1/2
48	1/4 nuts	12	5/16 x 2-1/2	12	3/8 x 3	5	7/16 x 3	6	1/2 x 3
48	1/4 lock washers	12	5/16 x 3	60	3/8 nuts	25	7/16 nuts	6	1/2 x 3-1/2
48	1/4 flat washers	72	5/16 nuts	60	3/8 lock washers	25	7/16 lock washers	6	1/2 x 4
		72	5/16 lock washers	60	3/8 flat washers	25	7/16 flat washers	42	1/2 nuts
		72	5/16 flat washers					42	1/2 lock washers
								42	1/2 flat washers

PART NO.	DESCRIPTION
ASSORTMENT 111	Grade 5, black, NC, 2036 pieces containing all products listed on the chart below.
ASSORTMENT 112	Grade 5, plated, NC, 2036 pieces containing all products listed on the chart below.
ASSORTMENT 113	Grade 8, plated, NC, 2036 pieces containing all products listed on the chart below.
ASSORTMENT 114	Grade L9, plated, NC, 2036 pieces containing all products listed on the chart below.

2036 PIECE ASSORTMENTS

Qty.	Size (in.)	Qty.	Size (in.)	Qty.	Size (in.)	Qty.	Size (in.)	Qty.	Size (in.)
25	1/4 x 3/4	25	5/16 x 3/4	25	3/8 x 1	10	7/16 x 1	12	1/2 x 1
25	1/4 x 1	25	5/16 x 1	25	3/8 x 1-1/2	10	7/16 x 1-1/2	12	1/2 x 1-1/2
25	1/4 x 1-1/2	25	5/16 x 1-1/2	25	3/8 x 2	10	7/16 x 2	12	1/2 x 2
25	1/4 x 2	25	5/16 x 2	25	3/8 x 2-1/2	10	7/16 x 2-1/2	12	1/2 x 2-1/2
100	1/4 nuts	25	5/16 x 2-1/2	25	3/8 x 3	10	7/16 x 3	12	1/2 x 3
100	1/4 lock washers	25	5/16 x 3	125	3/8 nuts	50	7/16 nuts	12	1/2 x 3-1/2
100	1/4 flat washers	150	5/16 nuts	125	3/8 lock washers	50	7/16 lock washers	12	1/2 x 4
		150	5/16 lock washers	125	3/8 flat washers	50	7/16 flat washers	84	1/2 nuts
		150	5/16 flat washers					84	1/2 lock washers
								84	1/2 flat washers

PART NO.	DESCRIPTION
ASSORTMENT 201	Grade 5, black, NC, 136 pieces containing all products listed on the chart.
ASSORTMENT 202	Grade 5, plated, NC, 136 pieces containing all products listed on the chart.
ASSORTMENT 203	Grade 8, plated, NC, 136 pieces containing all products listed on the chart.
ASSORTMENT 204	Grade L9, plated, NC, 136 pieces containing all products listed on the chart.

136 PIECE ASSORTMENTS

Qty.	Size (in.)	Qty.	Size (in.)
5	5/8 x 1-1/2	2	3/4 x 2
5	5/8 x 2	2	3/4 x 3
5	5/8 x 2-1/2	2	3/4 x 4
5	5/8 x 3	2	3/4 x 6
3	5/8 x 3-1/2	8	3/4 nuts
3	5/8 x 4	8	3/4 lock washers
26	5/8 nuts	8	3/4 flat washers
26	5/8 lock washers		
26	5/8 flat washers		

PART NO.	DESCRIPTION
ASSORTMENT 211	Grade 5, black, NC, 288 pieces containing all products listed on the chart.
ASSORTMENT 212	Grade 5, plated, NC, 288 pieces containing all products listed on the chart.
ASSORTMENT 213	Grade 8, plated, NC, 288 pieces containing all products listed on the chart.
ASSORTMENT 214	Grade L9, plated, NC, 288 pieces containing all products listed on the chart.

288 PIECE ASSORTMENTS

Qty.	Size (in.)	Qty.	Size (in.)
10	5/8 x 1-1/2	5	3/4 x 2
10	5/8 x 2	5	3/4 x 3
10	5/8 x 2-1/2	5	3/4 x 4
10	5/8 x 3	5	3/4 x 6
6	5/8 x 3-1/2	20	3/4 nuts
6	5/8 x 4	20	3/4 lock washers
52	5/8 nuts	20	3/4 flat washers
52	5/8 lock washers		
52	5/8 flat washers		

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NUT & BOLT ASSORTMENTS

Qty.	Size (in.)	Qty.	Size (in.)
2	7/8 x 3	2	1 x 4
2	7/8 x 4	2	1 x 5
2	7/8 x 5	2	1 x 6
2	7/8 x 6	6	1 nuts
8	7/8 nuts	6	1 lock washers
8	7/8 lock washers	6	1 flat washers
8	7/8 flat washers		

PART NO.	DESCRIPTION
ASSORTMENT 301	Grade 5, black, NC, 56 pieces containing all products listed on the chart.
ASSORTMENT 302	Grade 5, plated, NC, 56 pieces containing all products listed on the chart.
ASSORTMENT 303	Grade 8, plated, NC, 56 pieces containing all products listed on the chart.
ASSORTMENT 304	Grade L9, plated, NC, 56 pieces containing all products listed on the chart.

56 PIECE ASSORTMENTS

Qty.	Size (in.)	Qty.	Size (in.)
4	7/8 x 3	3	1 x 4
4	7/8 x 4	3	1 x 5
4	7/8 x 5	3	1 x 6
4	7/8 x 6	9	1 nuts
16	7/8 nuts	9	1 lock washers
16	7/8 lock washers	9	1 flat washers
16	7/8 flat washers		

PART NO.	DESCRIPTION
ASSORTMENT 311	Grade 5, black, NC, 100 pieces containing all products listed on the chart.
ASSORTMENT 312	Grade 5, plated, NC, 100 pieces containing all products listed on the chart.
ASSORTMENT 313	Grade 8, plated, NC, 100 pieces containing all products listed on the chart.
ASSORTMENT 314	Grade L9, plated, NC, 100 pieces containing all products listed on the chart.

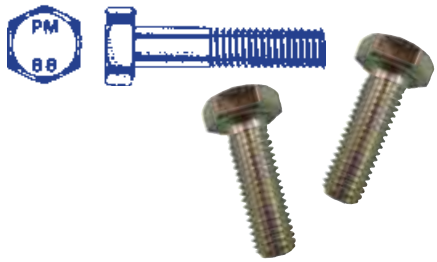
100 PIECE ASSORTMENTS

METRIC HEX HEAD CAP SCREWS

Heat Treated Steel Cap Screws

•High tensile screws made to ISO-Metric specifications. Property Class: 8.8 (nominal tensile strength 800 MPa or about 118,000 psi, similar to SAE Grade 5) •Zinc chromate plated

Part No. Prefix: CSM-



Screw Length	DIAMETER									
	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm
12 mm	-	-	06-12	08-12	-	-	-	-	-	-
16 mm	04-16	05-16	06-16	08-16	10-16	-	-	-	-	-
20 mm	-	05-20	06-20	08-20	10-20	12-20	-	-	-	-
25 mm	-	05-25	06-25	08-25	10-25	12-25	14-25	-	-	-
30 mm	-	-	06-30	08-30	10-30	12-30	14-30	16-30	-	-
35 mm	-	-	06-35	08-35	10-35	12-35	-	16-35	-	-
40 mm	-	-	06-40	08-40	10-40	12-40	14-40	16-40	18-40	20-40
45 mm	-	-	06-45	08-45	10-45	12-45	-	16-45	-	20-45
50 mm	-	-	06-50	08-50	10-50	12-50	14-50	16-50	18-50	20-50
60 mm	-	-	06-60	08-60	10-60	12-60	14-60	16-60	-	20-60
70 mm	-	-	-	08-70	10-70	12-70	-	16-70	18-70	20-70
75 mm	-	-	-	-	10-75	12-75	-	-	-	-
80 mm	-	-	-	-	10-80	12-80	-	16-80	18-80	20-80
90 mm	-	-	-	-	-	12-90		16-90	-	-
100 mm	-	-	-	-	-	-	-	16-100	-	-
PITCH	.70	.80	1.00	1.25	1.50	1.75	2.00	2.00	2.50	2.50

Class 10.9 Cap Screws

•High tensile screws made to ISO-Metric specifications. Property Class: 10.9 (nominal tensile strength 1040 MPa or about 150,800 psi, similar to SAE Grade 8) •Plain finish

Part No. Prefix: CS10M-

Screw Length	DIAMETER							
	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm	20 mm	24 mm
20 mm	06-20	08-20	10-20	12-20	-	-	-	-
25 mm	06-25	08-25	10-25	12-25	-	-	-	-
30 mm	06-30	08-30	10-30	12-30	14-30	-	20-30	-
35 mm	06-35	-	10-35	12-35	-	16-35	-	-
40 mm	06-40	08-40	10-40	12-40	14-40	16-40	-	-
45 mm	-	-	10-45	12-45	-	-	20-45	-
50 mm	-	08-50	10-50	12-50	-	16-50	20-50	24-50
60 mm	-	08-60	10-60	12-60	-	16-60	20-60	24-60
70 mm	-	08-70	10-70	12-70	-	16-70	20-70	24-70
80 mm	-	-	10-80	12-80	-	16-80	20-80	24-80
90 mm	-	-	-	12-90	-	16-90	20-90	-
100 mm	-	-	-	12-100	-	16-100	20-100	24-100
110 mm	-	-	-	-	-	-	20-110	-
120 mm	-	-	-	-	-	-	20-120	-
130 mm	-	-	-	-	-	-	20-130	-
140 mm	-	-	-	-	-	-	20-140	24-140
150 mm	-	-	-	-	-	-	20-150	-
160 mm	-	-	-	-	-	-	-	24-160
170 mm	-	-	-	-	-	-	-	24-170
PITCH	1.00	1.25	1.50	1.75	2.00	2.00	2.50	3.00

METRIC FINE THREAD FASTENERS

Some automotive applications require Fine Thread and Extra Fine Thread pitch series. The screws are fully threaded and may be cut to required length. Colour code plated; red (fine thread), green (extra fine thread).

CAP SCREWS

Part No.	Dia. x Pitch	Length
609-322	M8X1	40 mm
610-374*	M10X1	50 mm
609-374	M10X1.25	50 mm
610-418*	M12X1.25	50 mm
609-418	M12X1.5	50 mm

* Extra fine thread

HEX NUTS

Part No.	Dia. x Pitch
670-208	M8X1
670-750*	M10X1
670-210	M10X1.25
670-765*	M12X1.25
670-212	M12X1.5

* Extra fine thread

METRIC HEX NUTS

Part No. Prefix: HNM-

•High tensile nuts conform to ISO-Metric specifications •Property Class 8 •Zinc chromate plated

NUT SIZE										
3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm
03	04	05	06	08	10	12	14	16	18	20
PITCH .50	.70	.80	1.00	1.25	1.50	1.75	2.00	2.00	2.50	2.50

METRIC FLAT WASHERS

Part No. Prefix: FWM-

WASHER SIZE									
4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm
04	05	06	08	10	12	14	16	18	20

METRIC NYLON COLLAR STOP NUTS

Part No. Prefix: NNM-

NUT SIZE						
4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	16 mm
04	05	06	08	10	12	16
PITCH .70	.80	1.00	1.25	1.50	1.75	2.00

METRIC LOCK WASHERS

Part No. Prefix: LWM-

WASHER SIZE									
4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm
04	05	06	08	10	12	14	16	18	20

METRIC SOCKET HEAD CAP SCREWS

Chart lists complete part numbers

Screw Length Under Head	SCREW SIZE					
	6 mm	8 mm	10 mm	12 mm	16 mm	20 mm
12 mm	228-071	-	-	-	-	-
16 mm	228-074	-	-	-	-	-
18 mm	-	228-119	-	-	-	-
20 mm	228-076	228-120	228-149	-	-	-
25 mm	228-078	228-122	228-151	228-188	-	-
30 mm	228-079	228-123	228-152	228-189	228-256	-
35 mm	-	228-124	228-153	-	228-257	-
40 mm	228-081	228-125	-	228-191	228-258	228-314
45 mm	-	228-126	228-155	228-192	-	228-315

Screw Length Under Head	SCREW SIZE					
	6 mm	8 mm	10 mm	12 mm	16 mm	20 mm
50 mm	228-083	228-127	-	228-193	228-260	228-316
55 mm	-	-	-	-	-	228-317
60 mm	-	228-129	-	228-195	228-262	228-318
65 mm	-	-	228-159	228-196	228-263	-
70 mm	-	-	228-160	-	228-264	228-320
75 mm	-	-	228-161	228-198	228-265	228-321
80 mm	-	-	-	228-199	228-266	228-322
90 mm	-	-	-	-	-	228-324
100 mm	-	-	-	-	-	228-325

METRIC NUT & BOLT ASSORTMENTS

Part No. ASSORTMENT 400, Plated, property class 8.8, Metric, 528 pieces containing all products listed on the chart.

528 PIECE ASSORTMENTS

Qty.	Size	Qty.	Size	Qty.	Size
12	M4 x 16	12	M5 x 16	12	M6 x 12
12	M4 nuts	12	M5 x 20	12	M6 x 16
12	M4 flat washers	12	M5 x 25	12	M6 x 20
12	M4 lock washers	36	M5 nuts	12	M6 x 25
		36	M5 flat washers	12	M6 x 30
		36	M5 lock washers	12	M6 x 35
				12	M6 x 45
				84	M6 nuts
				84	M6 flat washers
				84	M6 lock washers

Part No. ASSORTMENT 401, Plated, property class 8.8, Metric, 372 pieces containing all products listed on the chart.

372 PIECE ASSORTMENTS

Qty.	Size	Qty.	Size	Qty.	Size
6	M8 x 12	6	M10 x 20	3	M12 x 20
6	M8 x 16	6	M10 x 30	3	M12 x 30
6	M8 x 20	6	M10 x 40	3	M12 x 40
6	M8 x 25	6	M10 x 50	3	M12 x 50
6	M8 x 30	24	M10 nuts	3	M12 x 60
6	M8 x 40	24	M10 flat washers	15	M12 nuts
6	M8 x 50	24	M10 lock washers	15	M12 flat washers
6	M8 x 60			15	M12 lock washers
6	M8 x 70				
54	M8 nuts				
54	M8 flat washers				
54	M8 lock washers				

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SOCKET STEEL MACHINE SCREWS

Machine Screw - Flat Head
Part No. Prefix: SMSF-

Screw Length	DIAMETER/THREADS PER INCH						
	#6/32	#8/32	#10/24	#10/32	1/4"/20	5/16"/18	3/8"/16
3/8"	6/32-038	8/32-038	10/24-038	10/32-038	-	-	-
1/2"	6/32-050	8/32-050	10/24-050	10/32-050	025-050	-	-
5/8"	6/32-062	8/32-062	10/24-062	10/32-062	025-062	-	-
3/4"	6/32-075	8/32-075	10/24-075	10/32-075	025-075	031-075	038-075
1"	6/32-100	8/32-100	10/24-100	10/32-100	025-100	031-100	038-100
1¼"	6/32-125	8/32-125	10/24-125	10/32-125	025-125	031-125	038-125
1½"	6/32-150	8/32-150	10/24-150	10/32-150	025-150	031-150	038-150
1¾"	-	8/32-175	10/24-175	-	025-175	-	-
2"	6/32-200	8/32-200	10/24-200	10/32-200	025-200	031-200	038-200
2½"	-	-	-	-	025-250	031-250	-
3"	-	-	-	-	-	031-300	038-300
3½"	-	-	-	-	-	031-350	-
4"	-	-	-	-	-	031-400	-

Combination Machine Screw - Round Head
Part No. Prefix: CMSR-

Screw Length	DIAMETER/THREADS PER INCH							
	#4/40	#6/32	#8/32	#10/24	#10/32	1/4"/20	5/16"/18	3/8"/16
1/4"	4/40-025	6/32-025	8/32-025	10/24-025	10/32-025	-	-	-
5/16"	-	-	8/32-031	-	-	-	-	-
3/8"	4/40-038	6/32-038	8/32-038	10/24-038	10/32-038	025-038	-	-
1/2"	4/40-050	6/32-050	8/32-050	10/24-050	10/32-050	025-050	-	-
5/8"	-	6/32-062	8/32-062	10/24-062	10/32-062	025-062	-	-
3/4"	4/40-075	6/32-075	8/32-075	10/24-075	10/32-075	025-075	031-075	038-075
1"	4/40-100	6/32-100	8/32-100	10/24-100	10/32-100	025-100	031-100	038-100
1¼"	-	6/32-125	8/32-125	10/24-125	10/32-125	025-125	031-125	038-125
1½"	-	6/32-150	8/32-150	10/24-150	10/32-150	025-150	031-150	038-150
1¾"	-	6/32-175	8/32-175	10/24-175	-	025-175	-	-
2"	-	6/32-200	8/32-200	10/24-200	10/32-200	025-200	031-200	038-200
2½"	-	-	-	10/24-250	-	025-250	031-250	-
3"	-	-	-	10/24-300	-	025-300	031-300	038-300
3½"	-	-	-	-	-	-	031-350	-
4"	-	-	-	-	-	-	031-400	-

STEEL HEXAGON MACHINE SCREW NUTS

Chamfered both sides.

PART NO.	SIZE	THREADS PER INCH
MSN-4/40	#4	40
MSN-5/40	#5	40
MSN-6/32	#6	32
MSN-8/32	#8	32
MSN-10/24	#10	24
MSN-10/32	#10	32
MSN-025	1/4"	20
MSN-031	5/16"	18
MSN-038	3/8"	16

STEEL STOVE BOLTS WITH NUTS

Flat Slotted Head
Part No. Prefix: SSBF-

Screw Length	DIAMETER/THREADS PER INCH				
	1/8" (5-40)	3/16" (10-24)	1/4"	5/16"	3/8"
1/2"	012-050	018-050	025-050	-	-
5/8"	-	018-062	025-062	-	-
3/4"	012-075	018-075	025-075	031-075	-
1"	012-100	018-100	025-100	031-100	038-100
1¼"	012-125	018-125	025-125	031-125	038-125
1½"	012-150	018-150	025-150	031-150	038-150
1¾"	-	018-175	025-175	031-175	-
2"	012-200	018-200	025-200	031-200	038-200
2¼"	-	-	025-225	-	-
2½"	-	018-250	025-250	031-250	038-250
3"	-	018-300	025-300	031-300	038-300
3½"	-	018-350	025-350	031-350	038-350
4"	-	018-400	025-400	031-400	038-400
4½"	-	-	025-450	-	-
5"	-	-	025-500	031-500	038-500
6"	-	-	-	-	038-600

Round Slotted Head
Part No. Prefix: SSBR-

Screw Length	DIAMETER/THREADS PER INCH				
	1/8" (5-40)	3/16" (10-24)	1/4"	5/16"	3/8"
1/2"	012-050	018-050	025-050	-	-
5/8"	-	018-062	025-062	-	-
3/4"	012-075	018-075	025-075	031-075	-
1"	012-100	018-100	025-100	031-100	038-100
1¼"	012-125	018-125	025-125	031-125	038-125
1½"	012-150	018-150	025-150	031-150	038-150
1¾"	-	018-175	025-175	031-175	-
2"	012-200	018-200	025-200	031-200	038-200
2¼"	-	-	025-225	-	-
2½"	-	018-250	025-250	031-250	038-250
3"	-	018-300	025-300	031-300	038-300
3½"	-	018-350	025-350	031-350	038-350
4"	-	018-400	025-400	031-400	038-400
4½"	-	-	025-450	-	-
5"	-	-	025-500	031-500	038-500
6"	-	-	-	-	038-600

SOCKET CAP SCREWS

Chart lists complete part numbers.

NF Flat Head

SCREW LENGTH	SCREW SIZE				
	10/32"	1/4"	5/16"	3/8"	1/2"
3/8"	238-076	-	-	-	-
1/2"	238-078	238-092	238-109	-	-
5/8"	238-079	238-093	238-110	238-129	-
3/4"	238-080	238-094	238-111	238-130	238-168
1"	238-082	238-096	238-113	238-132	-
1¼"	238-083	238-097	238-114	238-133	238-171
1½"	238-084	238-098	238-115	238-134	-
1¾"	-	-	-	-	238-173
2"	-	-	-	-	238-174

NC Flat Head

SCREW LENGTH	SCREW SIZE									
	6/32"	8/32"	10/24"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"
3/8"	-	-	237-076	-	-	-	-	-	-	-
1/2"	237-054	237-066	237-078	237-092	237-109	237-128	-	-	-	-
5/8"	237-055	237-067	237-079	237-093	237-110	237-129	-	-	-	-
3/4"	237-056	237-068	237-080	237-094	237-111	237-130	-	237-168	-	-
1"	-	237-070	237-082	237-096	237-113	237-132	237-152	237-170	-	-
1¼"	-	-	237-083	237-097	237-114	237-133	237-153	237-171	237-194	237-216
1½"	-	-	237-084	237-098	237-115	237-134	237-154	237-172	237-195	237-217
1¾"	-	-	-	237-099	237-116	237-135	237-155	237-173	237-196	237-218
2"	-	-	-	237-100	237-117	237-136	-	237-174	237-197	237-219
2¼"	-	-	-	-	237-118	237-137	-	237-175	237-198	237-220
2½"	-	-	-	-	237-119	237-138	-	237-176	237-199	237-221
3"	-	-	-	-	-	237-140	-	237-178	237-201	237-223

SOCKET SET SCREWS & PLUGS

Chart lists complete part numbers.

NC Socket Set Screws

SCREW LENGTH	SCREW SIZE											
	#4	#5	#6	#8	#10	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"
1/8"	242-028	242-037	242-048	242-060	-	-	-	-	-	-	-	-
3/16"	-	242-038	242-049	242-061	242-073	242-087	-	-	-	-	-	-
1/4"	242-030	242-039	242-050	242-062	242-074	242-088	242-105	242-124	-	-	-	-
5/16"	242-031	242-040	242-051	242-063	242-075	242-089	242-106	242-125	-	-	-	-
3/8"	242-032	242-041	242-052	242-064	242-076	242-090	242-107	242-126	242-146	242-164	-	-
7/16"	-	-	242-053	242-065	242-077	242-091	242-108	-	242-147	-	-	-
1/2"	242-033	242-043	242-054	242-066	242-078	242-092	242-109	242-128	242-148	242-166	-	-
5/8"	-	-	242-055	242-067	242-079	242-093	242-110	242-129	242-149	242-167	242-190	242-212
3/4"	-	-	242-056	242-068	242-080	242-094	242-111	242-130	242-150	242-168	242-191	242-213
7/8"	-	-	-	242-069	242-081	242-095	242-112	-	242-151	-	-	-
1"	-	-	242-058	242-070	242-082	242-096	242-113	242-132	242-152	242-170	242-193	242-215
1¼"	-	-	-	-	-	242-097	242-114	242-133	242-153	-	242-194	242-216
1½"	-	-	-	-	-	242-098	242-115	242-134	242-154	242-172	242-195	242-217
2"	-	-	-	-	-	-	-	-	242-156	242-174	242-197	242-219
2½"	-	-	-	-	-	-	-	-	-	242-176	-	-
3"	-	-	-	-	-	-	-	-	-	242-178	-	-

NF Socket Set Screws

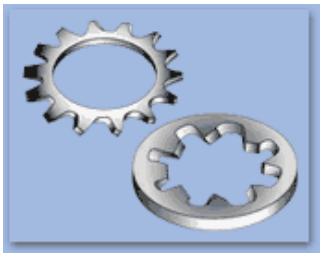
SCREW LENGTH	SCREW SIZE										
	#4	#5	#6	#8	#10	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"
1/8"	-	243-037	243-048	243-060	-	-	-	-	-	-	-
3/16"	243-029	243-038	-	243-061	243-073	243-087	-	-	-	-	-
1/4"	-	243-039	243-050	-	243-074	243-088	-	243-124	-	-	-
5/16"	-	-	243-051	243-063	243-075	243-089	243-106	243-125	-	-	-
3/8"	243-032	-	243-052	243-064	243-076	-	243-107	243-126	243-146	243-164	-
7/16"	-	-	-	-	243-077	243-091	243-108	243-127	243-147	-	-
1/2"	-	-	-	243-066	243-078	243-092	243-109	243-128	243-148	243-166	-
5/8"	-	-	-	-	243-079	243-093	243-110	243-129	-	-	243-190
3/4"	-	-	-	-	243-080	243-094	243-111	243-130	-	243-168	-
1"	-	-	-	-	243-082	-	243-113	243-132	-	243-170	243-193
1¼"	-	-	-	-	-	243-097	243-114	243-133	-	-	-
1½"	-	-	-	-	-	-	-	243-134	-	-	-

Socket Pipe Plugs

PART NO.	DESCRIPTION
247-002	1/8" NPT socket pipe plug
247-003	1/4" NPT socket pipe plug
247-004	3/8" NPT socket pipe plug
247-005	1/2" NPT socket pipe plug

Your 100% Canadian Single Source!

SHAKEPROOF LOCK WASHERS



— *Internal*

— *External*

PART NO. INTERNAL	PART NO. EXTERNAL	SIZE
140-005	141-005	#6
140-007	141-007	#8
140-009	141-009	#10
140-013	141-013	1/4"
140-015	141-015	5/16"
140-017	141-017	3/8"
140-019	141-019	7/16"
140-020	141-020	1/2"
140-021	141-021	9/16"
140-022	141-022	5/8"
140-024	141-024	3/4"
140-026	141-026	7/8"
140-028	141-028	1"

FLAT FENDER WASHERS

PART NO.	SIZE	O.D.
452-009	3/16"	3/4"
452-013	1/4"	1-1/4"
452-014	5/16A	1"
452-015	5/16B	1-1/4"
452-016	5/16C	1-1/2"
452-017	3/8"	1-1/2"
452-018	1/2"	2"

SOCKET STEEL WOOD SCREWS

Flat Head
Part No. Prefix: SWSF-

Screw Length	DIAMETER								
	#4	#5	#6	#7	#8	#9	#10	#12	#14
3/8"	4-038	-	6-038	-	-	-	-	-	-
1/2"	4-050	5-050	6-050	7-050	8-050	-	10-050	-	-
5/8"	4-062	5-062	6-062	7-062	8-062	-	10-062	-	-
3/4"	4-075	5-075	6-075	7-075	8-075	9-075	10-075	12-075	-
7/8"	-	-	6-088	-	8-088	-	10-088	-	-
1"	4-100	5-100	6-100	7-100	8-100	9-100	10-100	12-100	-
1¼"	-	-	6-125	7-125	8-125	9-125	10-125	12-125	14-125
1½"	-	-	6-150	7-150	8-150	9-150	10-150	12-150	14-150
1¾"	-	-	-	-	8-175	9-175	10-175	12-175	14-175
2"	-	-	-	-	8-200	9-200	10-200	12-200	14-200
2¼"	-	-	-	-	8-225	-	10-225	-	14-225
2½"	-	-	-	-	8-250	-	10-250	12-250	14-250
3"	-	-	-	-	8-300	-	10-300	12-300	-
3½"	-	-	-	-	-	-	10-350	12-350	-
4"	-	-	-	-	-	-	-	12-400	-

Round Head
Part No. Prefix: SWSR-

Screw Length	DIAMETER								
	#4	#5	#6	#7	#8	#9	#10	#12	#14
3/8"	4-038	-	-	-	-	-	-	-	-
1/2"	4-050	5-050	6-050	7-050	8-050	-	10-050	-	-
5/8"	4-062	5-062	6-062	7-062	8-062	-	10-062	-	-
3/4"	4-075	5-075	6-075	7-075	8-075	9-075	10-075	12-075	-
7/8"	-	-	6-088	-	8-088	-	10-088	-	-
1"	4-100	5-100	6-100	7-100	8-100	9-100	10-100	12-100	-
1¼"	-	-	6-125	7-125	8-125	9-125	10-125	12-125	14-125
1½"	-	-	6-150	7-150	8-150	9-150	10-150	12-150	14-150
1¾"	-	-	-	-	8-175	9-175	10-175	12-175	14-175
2"	-	-	-	-	8-200	9-200	10-200	12-200	14-200
2¼"	-	-	-	-	8-225	-	10-225	-	14-225
2½"	-	-	-	-	-	-	10-250	12-250	14-250
3"	-	-	-	-	8-300	-	10-300	12-300	-
3½"	-	-	-	-	-	-	10-350	12-350	-
4"	-	-	-	-	-	-	-	12-400	-

LAG SCREWS - HEXAGON HEAD, GIMLET POINT

Part No. Prefix: LSS-

PLATED

Screw Length Under Head	SCREW SIZE 1/4"	5/16"	3/8"	1/2"
1"	025-100	-	-	-
1¼"	025-125	-	-	-
1½"	025-150	031-150	038-150	-
1¾"	025-175	-	-	-
2"	025-200	031-200	038-200	050-200
2½"	025-250	031-250	038-250	050-250
3"	025-300	031-300	038-300	050-300
3½"	025-350	031-350	038-350	050-350
4"	025-400	031-400	038-400	050-400
4½"	025-450	-	038-450	050-450
5"	025-500	031-500	038-500	050-500
5½"	-	-	038-550	-
6"	025-600	031-600	038-600	050-600
7"	-	-	038-700	050-700
8"	-	-	038-800	050-800

Part No. Prefix: LSB-

BLACK

Screw Length Under Head	SCREW SIZE 1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
1"	025-100	-	-	-	-	-
1¼"	025-125	-	-	-	-	-
1½"	025-150	031-150	038-150	-	-	-
1¾"	025-175	-	038-175	-	-	-
2"	025-200	031-200	038-200	050-200	-	
2½"	025-250	031-250	038-250	050-250	062-250	-
3"	025-300	031-300	038-300	050-300	062-300	075-300
3½"	025-350	031-350	038-350	050-350	062-350	075-350
4"	025-400	031-400	038-400	050-400	062-400	075-400
4½"	025-450	-	038-450	050-450	-	-
5"	025-500	031-500	038-500	050-500	062-500	075-500
5½"	-	-	038-550	-	-	-
6"	025-600	031-600	038-600	050-600	062-600	075-600
7"	-	-	038-700	050-700	062-700	075-700
8"	-	-	038-800	050-800	062-800	075-800
9"	-	-	-	050-900	-	-
10"	-	-	038-1000	050-1000	062-1000	075-1000
12"	-	-	038-1200	050-1200	062-1200	075-1200

STEEL FLOORBOARD SCREWS

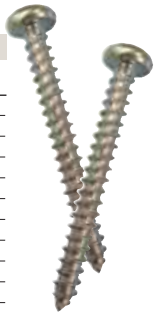
Flat Socket Head

PART NO.	SIZE
B225-752	1/4-20 x 1½"
B225-753	1/4-20 x 2"
B225-754	1/4-20 x 2½"
B225-755	1/4-20 x 3"

TAPPING SCREWS

Socket Steel, Pan Head
Part No. Prefix: STSP-

Screw Length Under Head	DIAMETER #4	#6	#8	#10	#12	#14
1/4"	4-025	6-025	-	-	-	-
3/8"	4-038	6-038	8-038	10-038	-	-
1/2"	4-050	6-050	8-050	10-050	12-050	-
5/8"	4-062	6-062	8-062	10-062	-	14-062
3/4"	4-075	6-075	8-075	10-075	12-075	14-075
1"	-	6-100	8-100	10-100	12-100	14-100
1¼"	-	-	8-125	10-125	12-125	14-125
1½"	-	-	8-150	10-150	12-150	14-150
1¾"	-	-	-	10-175	-	-
2"	-	-	-	10-200	-	14-200



Steel, Indented Hex Washer Head
Part No. Prefix: HTS-

BRIGHT ZINC PLATED

Screw Length Under Head	DIAMETER #8	#10	#12	#14	5/16"
3/8"	8-038	-	-	-	-
1/2"	8-050	10-050	-	-	-
5/8"	-	10-062	-	14-062	-
3/4"	8-075	10-075	12-075	14-075	031-075
1"	8-100	10-100	12-100	14-100	031-100
1¼"	8-125	10-125	12-125	14-125	031-125
1½"	8-150	10-150	12-150	14-150	031-150
1¾"	-	-	-	14-175	-
2"	-	10-200	-	14-200	-

LELAND INDUSTRIES

Master Drillers®

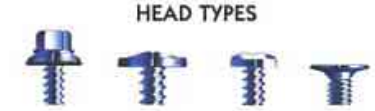
Carbon steel, self-drilling with bonded washers.

LELAND INDUSTRIES INC.

Hex Head

Screw Length	Diameter #8	#10	#12	1/4"
1/2"	K32G3016SM	K32H4016SM	-	-
3/4"	K32G3024SM	K32H4024SM	K32J2024SM	-
1"	K32G3032SM	K32H4032SM	K32J2032SM	K32K2032SM
1¼"	-	-	K32J2040SM	K32K2040SM
1½"	-	-	K32J2048SM	K32K2048SM
2"	-	-	K32J2064SM	K32K2064SM

HEAD TYPES



HIGH HEX PANCAKE PAN WAFER

Master Seal® Bonded Washer

Vulcanized EPDM providing a 100% seal - No Leaks

Hex Head w/ Rubber Backed Washer

Screw Length	Diameter #12	1/4"
3/4"	K38J2024SM	K38K2024SM
1"	K38J2032SM	K38K2032SM
1½"	K38J2048SM	K38K2048SM
2"	-	K38K2064SM

Pan Head

Screw Length	Diameter #8	#10
1/2"	K64G3016SM	K62H4016SM
3/4"	K64G3024SM	K64H4024SM
1"	K64G3032SM	K64H4032SM
1¼"	K62G3040SU	K64H4040SM
1½"	K62G3048SU	K64H4048SM

Wafer Head

Screw Length	Diameter #10	#12
3/4"	K70H5024SM	-
1"	K70H5032SM	-
1½"	K69H5048SM	-
2"	-	K71J3064SM
2½"	-	K71J3080SM
3"	-	K73J3096SM

PLATED DRAIN PLUGS WITH NYLON GASKETS

•Available in 4 types •Standard — "S" replacement for original plug •Oversize — "O.S." tapered and hardened, cuts own thread where original has stripped •Double Oversize — "D.O." self threading, larger than oversize •Triple Oversize — "T.O." also self threading •To use an oversize plug, hold in a straight position and tighten with a socket wrench. Then remove the plug to clear out chips, and then replace the plug.

PART NO.	SIZE
473-150	1/2-20 S.
473-151	1/2-20 O.S.
473-152	1/2-20 D.O.
473-153	1/2-20 T.O.
473-160	5/8-18 S.

NYLON DRAIN PLUG GASKETS

PART NO.	SIZE
475-016	9/16 x 13/16
475-017	5/8 x 15/16
475-020	11/16 x 1
475-024	13/16 x 1-1/16

WING NUTS

•NC •Plated

PART NO.	SIZE
195-009	1/4"-20
195-010	5/16"-18
195-011	3/8"-16
195-013	1/2"-13

MANIFOLD STUDS

PART NO.	DIAMETER & LENGTH	"A" THREAD	"B" THREAD	DESCRIPTION
468-113	3/8 x 2	1⅛ USS	5/8 USS	GM stud
468-115	3/8 x 2½	1¼ USS	5/8 USS	GM stud
468-116	3/8 x 3	2 USS	5/8 USS	GM stud
468-117	3/8 x 3¼	1⅜ USS	5/8 USS	GM stud
468-119	7/16 x 2½	1¼ USS	5/8 USS	Ford stud
468-120	7/16 x 3	2 USS	5/8 USS	Ford stud
468-121	7/16 x 4	2 USS	5/8 USS	Ford stud
468-122	8 mm	3/4	5/8	Datsun/VW stud
468-124	10 mm	3/4	5/8	Toyota stud

MACHINERY BUSHINGS

NOTE: 18 gauge (3/64" or .050"); 14 gauge (5/64" or .083"); 10 gauge (1/8" or .134").

PART NO.	INDUSTRY REF. NUMBER	SHAFT DIAMETER	OUTSIDE DIAMETER	GAUGE
456-001	M16L	9/16	1	18
456-004	M18L	5/8	1-1/8	18
456-005	M18M	5/8	1-1/8	14
456-007	M20L	3/4	1-1/4	18
456-008	M20M	3/4	1-1/4	14
456-009	M20H	3/4	1-1/4	10
456-010	M22L	7/8	1-3/8	18
456-011	M22M	7/8	1-3/8	14
456-013	M24L	1	1-1/2	18
456-014	M24M	1	1-1/2	14
456-015	M24H	1	1-1/2	10
456-016	M28L	1-1/8	1-3/4	18
456-017	M28M	1-1/8	1-3/4	14
456-018	M28H	1-1/8	1-3/4	10
456-019	M30L	1-1/4	1-7/8	18
456-020	M30M	1-1/4	1-7/8	14
456-021	M30H	1-1/4	1-7/8	10
456-022	M34L	1-3/8	2-1/8	18
456-023	M34M	1-3/8	2-1/8	14
456-024	M34H	1-3/8	2-1/8	10

PART NO.	INDUSTRY REF. NUMBER	SHAFT DIAMETER	OUTSIDE DIAMETER	GAUGE
456-025	M36L	1-1/2	2-1/4	18
456-026	M36M	1-1/2	2-1/4	14
456-027	M36H	1-1/2	2-1/4	10
456-029	M38M	1-5/8	2-3/8	14
456-030	M38H	1-5/8	2-3/8	10
456-032	M40M	1-3/4	2-1/2	14
456-033	M40H	1-3/4	2-1/2	10
456-035	M46M	1-7/8	2-3/4	14
456-036	M46H	1-7/8	2-3/4	10
456-038	M48M	2	3	14
456-039	M48H	2	3	10
456-041	M50M	2-1/8	3-1/8	14
456-042	M50H	2-1/8	3-1/8	10
456-044	M52M	2-1/4	3-1/4	14
456-045	M52H	2-1/4	3-1/4	10
456-047	M54M	2-3/8	3-3/8	14
456-048	M54H	2-3/8	3-3/8	10
456-050	M56M	2-1/2	3-1/2	14
456-051	M56H	2-1/2	3-1/2	10

CELEBRATING 40 YEARS
40
Gregg
1968 2008

Machinery Bushings

NOTE: 18 gauge (3/64" or .050"); 14 gauge (5/64" or .083"); 10 gauge (1/8" or .134").

PART NO.	INDUSTRY REF. NUMBER	I.D. x O.D. (in.)	GAUGE
22700	M16L	9/16 x 1	18
22701	M18L	5/8 x 1-1/8	18
22702	M18M	5/8 x 1-1/8	14
22703	M20L	3/4 x 1-1/4	18
22704	M20M	3/4 x 1-1/4	14
22705	M20H	3/4 x 1-1/4	10
22706	M22L	7/8 x 1-3/8	18
22707	M22M	7/8 x 1-3/8	14
22708	M24L	1 x 1-1/2	18
22709	M24M	1 x 1-1/2	14
22710	M24H	1 x 1-1/2	10
22711	M28L	1-1/8 x 1-3/4	18
22712	M28M	1-1/8 x 1-3/4	14
22713	M28H	1-1/8 x 1-3/4	10
22714	M30L	1-1/4 x 1-7/8	18
22715	M30M	1-1/4 x 1-7/8	14
22716	M30H	1-1/4 x 1-7/8	10
22717	M34L	1-3/8 x 2-1/8	18
22718	M34M	1-3/8 x 2-1/8	14
22719	M34H	1-3/8 x 2-1/8	10

PART NO.	INDUSTRY REF. NUMBER	I.D. x O.D. (in.)	GAUGE
22720	M36L	1-1/2 x 2-1/4	18
22721	M36M	1-1/2 x 2-1/4	14
22722	M36H	1-1/2 x 2-1/4	10
22723	M38M	1-5/8 x 2-3/8	14
22724	M38H	1-5/8 x 2-3/8	10
22725	M40M	1-3/4 x 2-1/2	14
22726	M40H	1-3/4 x 2-1/2	10
22727	M46M	1-7/8 x 2-7/8	14
22728	M46H	1-7/8 x 2-7/8	10
22729	M48M	2 x 3	14
22730	M48H	2 x 3	10
22731	M50M	2-1/8 x 3-1/8	14
22732	M50H	2-1/8 x 3-1/8	10
22733	M52M	2-1/4 x 3-1/4	14
22734	M52H	2-1/4 x 3-1/4	10
22735	M54M	2-3/8 x 3-3/8	14
22736	M54H	2-3/8 x 3-3/8	10
22737	M56M	2-1/2 x 3-1/2	14
22738	M56H	2-1/2 x 3-1/2	10

Key Stock

•Cold-drawn C-1018 steel, zinc plated finish •Rockwell "B" hardness: 82 •Tensile strength: 75-80M psi
•Yield strength: 60-70M psi •Tolerances: -000/+.005" max.

SQUARE

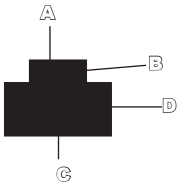
PART NO.	HEIGHT x WIDTH
22750	1/8" x 1/8"
22751	3/16" x 3/16"
22752	1/4" x 1/4"
22753	5/16" x 5/16"
22754	3/8" x 3/8"
22755	7/16" x 7/16"
22756	1/2" x 1/2"
22758	5/8" x 5/8"
22760	3/4" x 3/4"
22761	7/8" x 7/8"
22763	1" x 1"

RECTANGULAR

PART NO.	HEIGHT x WIDTH
22782	3/16" x 1/4"
22785	1/4" x 5/16"
22786	1/4" x 3/8"
22789	5/16" x 3/8"
22791	3/8" x 7/16"
22792	3/8" x 1/2"
22795	7/16" x 1/2"
22796	1/2" x 5/8"

STEP

PART NO.	A	B	C	D
22821	3/16"	3/32"	1/4"	3/32"
22822	1/4"	1/8"	5/16"	1/8"
22823	1/4"	1/8"	3/8"	3/16"
22824	5/16"	5/32"	3/8"	3/16"
22825	3/8"	3/16"	7/16"	5/32"
22826	3/8"	3/16"	1/2"	3/16"
22828	1/2"	1/4"	5/8"	1/4"



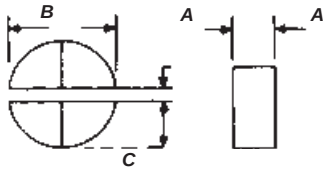
AXLE KEY STOCK

FAS/1916

•Made from special S.A.E. key steel in a wide choice of sizes to service all cars and trucks

PART NO.	SIZE
457-006	1/8 x 1/8 x 12
457-007	3/16 x 3/16 x 12
457-009	1/4 x 1/4 x 12
457-010	5/16 x 5/16 x 12
457-011	3/8 x 3/8 x 12
457-012	7/16 x 7/16 x 12
457-013	1/2 x 1/2 x 12
457-014	9/16 x 9/16 x 12
457-015	5/8 x 5/8 x 12
457-016	3/4 x 3/4 x 12
457-017	7/8 x 7/8 x 12
457-018	1 x 1 x 12

STEEL WOODRUFF KEYS



•S.A.E. 1035 carbon steel •Used on armature shafts of starters and generators

PART NO.	A x B x C (inches)
346-201	1/16 x 1/4 x .117
346-206	1/16 x 5/16 x .140
346-207	3/32 x 5/16 x .140
346-211	1/16 x 3/8 x .172
346-212	3/32 x 3/8 x .172
346-213	1/8 x 3/8 x .172
346-001	1/16 x 1/2 x .194
346-002	3/32 x 1/2 x .194
346-003	1/8 x 1/2 x .194
346-004	3/32 x 5/8 x .240
346-005	1/8 x 5/8 x .240
346-006	5/32 x 5/8 x .240
346-061	3/16 x 5/8 x .240
346-007	1/8 x 3/4 x .303
346-008	5/32 x 3/4 x .303
346-009	3/16 x 3/4 x .303
346-091	1/4 x 3/4 x .303
346-010	5/32 x 7/8 x .365
346-011	3/16 x 7/8 x .365
346-012	7/32 x 7/8 x .365

PART NO.	A x B x C (inches)
346-901	1/4 x 7/8 x .365
346-013	3/16 x 1 x .428
346-014	7/32 x 1 x .428
346-015	1/4 x 1 x .428
346-902	5/16 x 1 x .428
346-152	3/8 x 1 x .428
346-016	3/16 x 1⅛ x .475
346-017	7/32 x 1⅛ x .475
346-018	1/4 x 1⅛ x .475
346-903	5/16 x 1⅛ x .475
346-019	3/16 x 1¼ x .537
346-020	7/32 x 1¼ x .537
346-021	1/4 x 1¼ x .537
346-904	5/16 x 1¼ x .537
346-905	3/8 x 1¼ x .537
346-022	1/4 x 1⅜ x .584
346-023	5/16 x 1⅜ x .584
346-906	3/8 x 1⅜ x .584
346-024	1/4 x 1½ x .631
346-025	5/16 x 1½ x .631

PART NO.	A x B x C (inches)
346-907	3/8 x 1½ x .631
346-127	1/4 x 2⅛ x .396
346-026	3/16 x 2⅛ x .521
346-027	1/4 x 2⅛ x .521
346-029	3/8 x 2⅛ x .521
346-914	5/16 x 2¾ x .594
346-915	3/8 x 2¾ x .594
346-908	1/4 x 2¾ x .750
346-910	3/8 x 2¾ x .750
346-912	1/2 x 2¾ x .750

SHOP-AID INC.

SHIM STOCK & FEELER GAUGES

STAINLESS SHIM STOCK
— 300 SERIES FULL HARD

Stainless steel shim can be used in any applications where corrosion is a concern.
6" x 50" rolls.

PART NO.	THICKNESS
10905	.0005"
10001	.001
10805	.0015
10002	.002
10003	.003
10004	.004
10005	.005
10006	.006
10007	.007
10008	.008
10009	.009
10010	.010
10012	.012
10015	.015
10020	.020
10025	.025
10031	.031

BRASS SHIM STOCK
— 260 SERIES HALF HARD

Used where some stiffness is required and where corrosion problems exist.
6" x 100" rolls.

PART NO.	THICKNESS
20001	.001"
20805	.0015
20002	.002
20003	.003
20004	.004
20005	.005
20006	.006
20007	.007
20008	.008
20009	.009
20010	.010
20012	.012
20015	.015
20020	.020
20025	.025
20031	.031

STEEL SHIM STOCK
— 1008/1010 FULL HARD

Low carbon mild steel cold rolled to a #1 hard temper. It is stiff and springy, and can be used where hardness is required. Can be punched or sheared with minimum burring and distortion.
6" x 100" rolls.

PART NO.	THICKNESS
30001	.001"
30805	.0015
30002	.002
30905	.0025
30003	.003
30004	.004
30005	.005
30006	.006
30007	.007
30008	.008
30009	.009
30010	.010
30012	.012
30015	.015
30018	.018
30020	.020
30025	.025
30031	.031

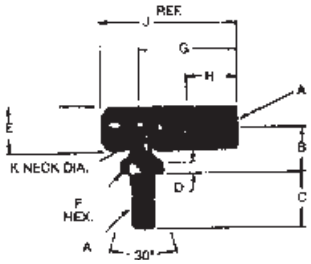
FEELER GAUGE
—1095 STEEL

High carbon Swedish feeler gauge, alloy 1095. The material is rolled to the highest tolerance to assure accuracy. Sold individually, packaged 12 strips to a box, ½" x 12" strips.

PART NO.	THICKNESS
70901	.001"
70802	.0015
70902	.002
70806	.0025
70903	.003
70904	.004
70905	.005
70906	.006
70907	.007
70908	.008
70909	.009
70910	.010
70911	.011
70912	.012
70913	.013
70914	.014
70915	.015
70916	.016
70917	.017
70918	.018
70919	.019
70920	.020
70921	.021
70922	.022
70923	.023
70924	.024
70925	.025
70930	.030

SHOPAID INCORPORATED

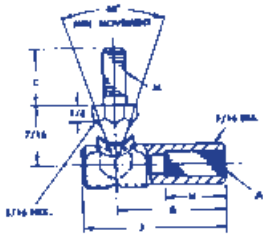
Spring Loaded Type A



Type A Ball Joints are a spring loaded S.A.E. design used widely for throttle control and other applications where zero end-play is required and tension due to spring compression is not objectionable. Fully conform with S.A.E., GMC and other published standards including the additional advantages of case hardened seats and ball studs for extra wear resistance, plus plating for maximum corrosion resistance. Materials of Construction — Made of C12L14 carbon steel. Seat members are made of C1008 steel. Both ball stud and seat members are Carbonitride case hardened to a depth of .005 to .008. Assemblies are plated and clear dichromate treated for extra corrosion resistance.

PART NO.	GMC PLAIN	GMC PLATED	A	B	C	D	E	F	G	H	J	K
472-100	109398	191727	10-32	7/16	7/16	1/8	3/8	5/16	7/8	7/16	1-1/4	.125
472-102	109400	192227	1/4-28	15/32	9/16	1/8	7/16	3/8	31/32	1/2	1-3/8	.151
472-103	109401	426310	5/16-24	17/32	11/16	5/32	1/2	7/16	1-1/8	9/16	1-9/16	.182

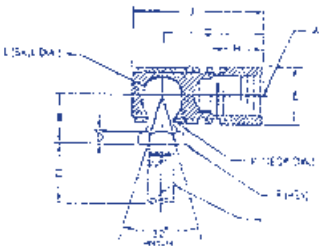
Disconnecting Type P



Type P Ball Joints are a low cost disconnect design for throttle and governor controls where minimum weight is required. Length adjustments are simplified because of the disconnect feature. All sizes have a ball stud ball diameter of .252" and a ball stud neck diameter of .140". The hardened spring steel retaining clip accepts ball stud member at 19 pounds maximum push-in load and permits removal of ball stud with 14 pounds minimum pull-out load.

PART NO.	A	C	G	H	J	M
472-107	1/4-28 UNF	9/16	31/32	17/32	1-1/4	1/4-28 UNF

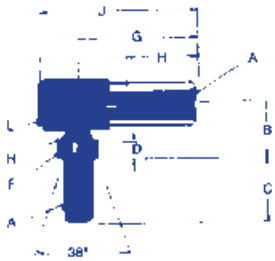
Quick Disconnect Type SS



Type SS Ball Joints are high strength, quick disconnect assemblies with good wear characteristics. Patented design features "key hole" retaining sleeve which insures that the assembly can only be put together with the sleeve positively aligned with the ball cavity. When the spring is released, alignment is automatic, thereby eliminating any possibility of partial closure. Body and ball are of low carbon steel. Ball studs are surface hardened for wear resistance. All components except the stainless steel spring are plated yellow dichromate treated for corrosion resistance

PART NO.	THREAD SIZE	B	C	D	E	F	G	H	J	K	L	Tensile Strength
472-108	5/16-24	17/32	11/16	5/32	5/8	7/16	1-1/8	19/32	1-29/64	.221	.403	560 lbs.

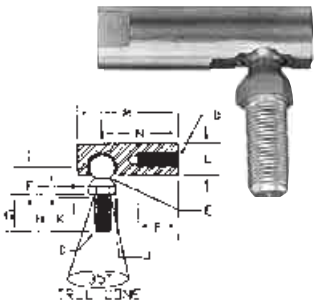
Flat Top SPG Type



Type SPG Ball Joints are designed for heavy duty service. This is a high strength design with good wear resistance. An oil and ozone resistant Buna-N rubber dirt shield provides protection against abrasive dirt. "Flat Top" alignment guide shown in drawings above is designed for standard wrench sizes. Provides a mechanical and visual aid which makes it easy to align the ball stud in its vertical position for maximum movement in all directions. Pull out and tensile strength — A new method of assembly swages more than twice the amount of metal to retain the ball in the cavity. This results in tremendously increased pull out and wear resistance.

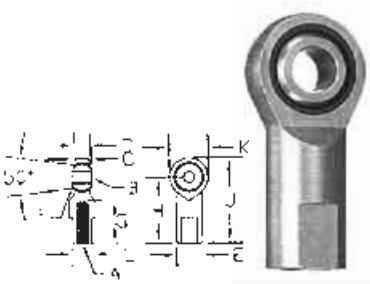
PART NO.	A	B	C	D	E	WRENCH SIZE	F	G	H	J	K	L
472-110	10-32	7/16	7/16	1/8	3/8	5/16	5/16	7/8	15/32	1-5/32	.177	.301
472-112	1/4-28	15/32	9/16	1/8	7/16	3/8	3/8	31/32	17/32	1-5/16	.208	.347
472-113	5/16-24	17/32	11/16	5/32	1/2	7/16	7/16	1-1/8	19/32	1-9/16	.250	.405
472-114	3/8-24	11/16	7/8	3/16	9/16	9/16	1/2	1-3/8	13/16	1-13/16	.289	.493
472-115	7/16-20	7/8	1-1/8	1/4	11/16	11/16	5/8	1-15/16	1-1/8	2-1/2	.375	.618
472-116	1/2-20	7/8	1-1/8	1/4	11/16	11/16	5/8	1-15/16	1-1/8	2-1/2	.375	.618

Ball Joints



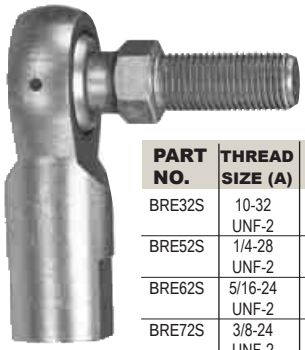
PART NO.	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
BJ31	10-32	23/64	7/16	3/32	3/8	5/16	7/8	15/32	1-5/32	.174	.299	1/4	5/16	5/16
BJ52	1/4-28	13/32	9/16	5/64	7/16	3/8	31/32	17/32	1-5/16	.205	.345	1/4	3/8	3/8
BJ62	5/16-24	1/2	11/16	3/32	1/2	7/16	1-1/8	19/32	1-9/16	.247	.403	9/32	7/16	7/16
BJ72	3/8-24	5/8	7/8	9/64	5/8	1/2	1-3/8	13/16	1-13/16	.286	.490	5/16	1/2	9/16
BJ82	1/2-20	13/16	1-1/8	11/64	3/4	3/8	1-15/16	1-1/8	2-1/2	.372	.615	3/8	5/8	11/16

Rod End Bearing



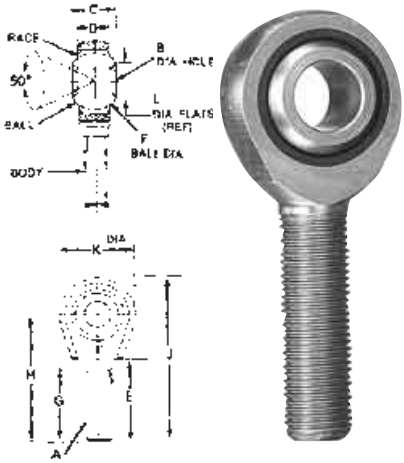
PART NO.	THREAD SIZE (A)	B	C	D	E	F	G	H	J	K	L	M
BRE32F	10-32 UNF-2	.1895 .1925	.310	.250	.406	.437	.562	1.062	1.375	.625	.310	.308
BRE52F	1/4-28 UNF-2	.2495 .2525	.373	.281	.468	.516	.750	1.312	1.687	.750	.373	.357
BRE62F	5/16-24 UNF-2	.3120 .3150	.435	.342	.500	.622	.750	1.375	1.812	.870	.435	.444
BRE72F	3/8-24 UNF-2	.3745 .3775	.498	.404	.687	.716	.937	1.625	2.125	.995	.560	.514
BRE82F	1/2-20 UNF-2	.4995 .5025	.623	.500	.875	.937	1.187	2.125	2.781	1.307	.748	.700

Rod End Bearing W/ Stud



PART NO.	THREAD SIZE (A)	B	C	D	E	F	G	H	J	K	L	M	N	O
BRE32S	10-32 UNF-2	.485	.500	.250	.406	.437	.562	1.062	1.375	.625	.310	.373	.310	.437
BRE52S	1/4-28 UNF-2	.485	.562	.281	.468	.516	.750	1.312	1.687	.750	.373	.435	.373	.470
BRE62S	5/16-24 UNF-2	.531	.687	.342	.500	.622	.750	1.375	1.812	.870	.435	.544	.435	.594
BRE72S	3/8-24 UNF-2	.656	.875	.404	.687	.716	.937	1.625	2.125	.995	.498	.613	.560	.781
BRE82S	1/2-20 UNF-2	.875	1.125	.500	.875	.937	1.187	2.125	2.781	1.307	.623	.748	.748	1.00

Rod End Bearing — Male Thread



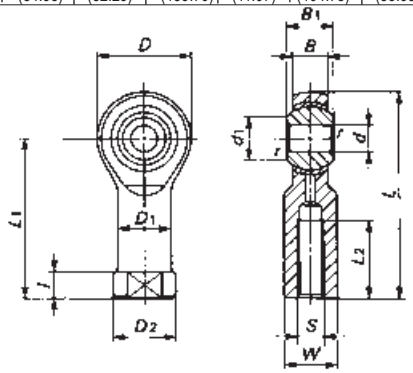
PART NO.	THREAD SIZE (A)	B	C	D	E	F	G	H	J	K	L
BRE32M	10-32 UNF-2	.1895 .1925	.310	.250	.812	.437	.750	1.250	1.562	.625	.308
BRE52M	1/4-28 UNF-2	.2495 .2525	.373	.281	1.094	.516	1.000	1.562	1.937	.750	.357
BRE62M	5/16-24 UNF-2	.3120 .3150	.435	.342	1.364	.622	1.250	1.875	2.312	.870	.444
BRE72M	3/8-24 UNF-2	.3745 .3775	.498	.404	1.364	.716	1.250	1.937	2.437	.995	.514
BRE82M	1/2-20 UNF-2	.4995 .5025	.623	.500	1.713	.937	1.500	2.438	3.094	1.307	.700

Pilloball Rod End, Inch Series, Female Thread

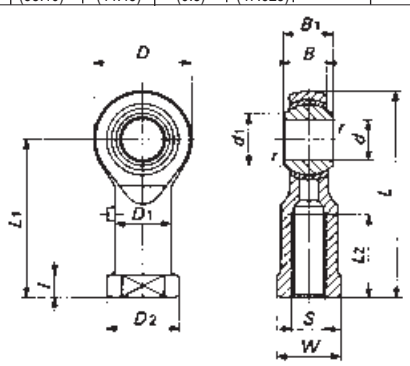
•Insert type

NACHI

PART NO.	WEIGHT LB.	BOUNDARY DIMENSIONS IN INCHES (MM)														Ball dia. inch (mm)	Basic dynamic load capacity Cd lbf	Basic static load capacity Cs lbf
		d	Thread S class 3B	D	B	B_1	d_1	L	l	L_1	L_2	W	D_1	D_2	r			
PHSB4NF	.05	.2500 (6.350)	.2500 -28 UNF	.750 (19.05)	.281 (7.14)	.375 (9.53)	.355 (9.02)	1.687 (42.85)	.187 (4.75)	1.312 (33.32)	.750 (19.05)	.375 (9.53)	.375 (9.53)	.468 (11.89)	.020 (0.5)	33/64 (13.097)	1030	3040
PHSB5NF	.08	.3125 (7.938)	.3125 -24 UNF	.875 (22.23)	.344 (8.74)	.437 (11.10)	.447 (11.35)	1.812 (46.02)	.187 (4.75)	1.375 (34.93)	.750 (19.05)	.437 (11.10)	.437 (11.10)	.500 (12.70)	.020 (0.5)	5/8 (15.875)	1530	3800
PHSB6NF	.13	.3750 (9.525)	.3750 -24 UNF	1.000 (25.40)	.406 (10.31)	.500 (12.70)	.517 (13.13)	2.125 (53.98)	.250 (6.35)	1.625 (41.28)	.937 (23.80)	.562 (14.27)	.562 (14.27)	.687 (17.45)	.020 (0.5)	23/32 (18.256)	2080	4980
PHSB7NF	.18	.4375 (11.112)	.4375 -20 UNF	1.125 (28.58)	.437 (11.10)	.562 (14.27)	.586 (14.88)	2.375 (60.33)	.250 (6.35)	1.812 (46.02)	1.062 (26.97)	.625 (15.88)	.625 (15.88)	.750 (19.05)	.020 (0.5)	13/16 (20.638)	2520	6020
PHSB8NF	.29	.5000 (12.700)	.5000 -20 UNF	1.312 (33.32)	.500 (12.70)	.625 (15.88)	.698 (17.73)	2.781 (70.64)	.250 (6.35)	2.125 (53.98)	1.187 (30.15)	.750 (19.05)	.750 (19.05)	.875 (22.23)	.020 (0.5)	15/16 (23.812)	3330	8370
PHSB10NF	.42	.6250 (15.875)	.6250 -18 UNF	1.500 (38.10)	.562 (14.27)	.750 (19.05)	.839 (21.31)	3.250 (82.55)	.312 (7.92)	2.500 (63.50)	1.500 (38.10)	.875 (22.23)	.875 (22.23)	1.000 (25.40)	.020 (0.5)	1-1/8 (28.575)	4500	9050
PHSB12NF	.63	.7500 (19.050)	.7500 -16 UNF	1.750 (44.45)	.687 (17.45)	.875 (22.23)	.978 (24.84)	3.750 (95.25)	.312 (7.92)	2.875 (73.03)	1.750 (44.45)	1.000 (25.40)	1.000 (25.40)	1.125 (28.58)	.020 (0.5)	1-5/16 (33.338)	6410	12700
PHSB16NF	2.20	1.0000 (25.400)	1.2500 -12 UNF	2.750 (69.85)	1.000 (25.40)	1.375 (34.93)	1.269 (32.23)	5.500 (139.70)	.436 (11.07)	4.125 (104.78)	2.125 (53.98)	1.500 (38.10)	1.500 (38.10)	1.750 (44.45)	.020 (0.5)	1-7/8 (47.625)	13300	19500



PHS($d \leqq 4$)

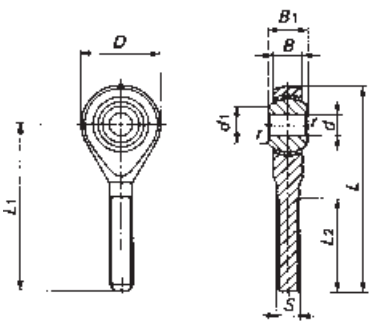


PHS($d \geqq 5$)

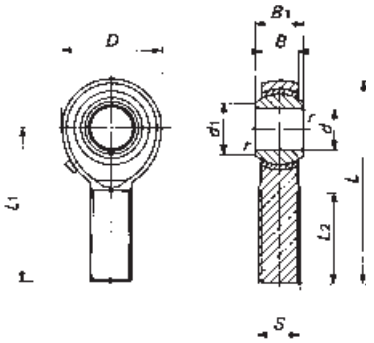
Pilloball Rod End, Inch Series, Male Thread

•Insert type

PART NO.	WEIGHT LB.	BOUNDARY DIMENSIONS IN INCHES (MM)											Ball dia. inch (mm)	Basic dynamic load capacity Cd lbf	Basic static load capacity Cs lbf
		d	Thread S class 3A	D	B	B_1	d_1	L	L_1	L_2	r				
POSB4NF	.05 (6.350)	.2500 -28 UNF	.2500 (19.05)	.750 (7.14)	.281 (9.53)	.375 (9.02)	.355 (49.20)	1.937 (39.67)	1.562 (25.40)	1.000 (0.5)	.020 (13.097)	33/64	1030	2040
POSB5NF	.08 (7.938)	.3125 -24 UNF	.3125 (22.23)	.875 (8.74)	.344 (11.10)	.437 (11.35)	.447 (58.72)	2.312 (47.63)	1.875 (31.75)	1.250 (0.5)	.020 (15.875)	5/8	1530	3270
POSB6NF	.12 (9.525)	.3750 -24 UNF	.3750 (25.40)	1.000 (10.31)	.406 (12.70)	.500 (13.13)	.517 (61.93)	2.438 (49.23)	1.938 (31.75)	1.250 (0.5)	.020 (18.256)	23/32	2080	4980
POSB7NF	.17 (11.112)	.4375 -20 UNF	.4375 (28.58)	1.125 (11.10)	.437 (14.27)	.562 (14.88)	.586 (68.28)	2.688 (53.98)	2.125 (34.93)	1.375 (0.5)	.020 (20.638)	13/16	2520	6020
POSB8NF	.27 (12.700)	.5000 -20 UNF	.5000 (33.32)	1.312 (12.70)	.500 (15.88)	.625 (17.73)	.698 (78.59)	3.094 (61.93)	2.438 (38.10)	1.500 (0.5)	.020 (23.812)	15/16	3300	8370
POSB10NF	.41 (15.875)	.6250 -18 UNF	.6250 (38.10)	1.500 (14.27)	.562 (19.05)	.750 (21.31)	.839 (85.73)	3.375 (66.68)	2.625 (41.28)	1.625 (0.5)	.020 (28.575)	1-1/8	4500	9050
POSB12NF	.65 (19.050)	.7500 -16 UNF	.7500 (44.45)	1.750 (17.45)	.687 (22.23)	.875 (24.84)	.978 (95.25)	3.750 (73.03)	2.875 (44.45)	1.750 (0.5)	.020 (33.338)	1-5/16	6410	12700
POSB16NF	2.49 (25.400)	1.0000 -12 UNF	1.2500 (69.85)	2.750 (25.40)	1.000 (34.93)	1.375 (32.23)	1.269 (139.70)	5.500 (104.78)	4.125 (53.98)	2.125 (0.5)	.020 (47.625)	1-7/8	13300	25300



POS($d \leqq 4$)

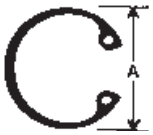


POS($d \geqq 5$)

Your 100% Canadian Single Source!

SNAP RINGS (RETAINING RINGS)

•Manufactured from high carbon SAE 1060-1090 steel and heat treated for resiliency and maximum performance •Used as retainers on automotive, agricultural industrial appliance and heavy duty equipment



1300 series internal

1400 series external

1540 series external

1540 series external

PART NO.	INDUSTRY REF. NUMBER	RING SIZE	FREE DIAMETER "A"
482-025	1300-25	1/4	.280
482-031	1300-31	5/16	.346
482-037	1300-37	3/8	.415
482-043	1300-43	7/16	.482
482-050	1300-50	1/2	.548
482-056	1300-56	9/16	.620
482-062	1300-62	5/8	.694
482-068	1300-68	11/16	.763
482-075	1300-75	3/4	.831
482-081	1300-81	13/16	.901
482-087	1300-87	7/8	.971
482-093	1300-93	15/16	1.041
482-100	1300-100	1	1.111
482-106	1300-106	1-1/16	1.180
482-112	1300-112	1-1/8	1.249
482-125	1300-125	1-1/4	1.388
482-131	1300-131	1-5/16	1.456
482-137	1300-137	1-3/8	1.526
482-150	1300-150	1-1/2	1.660
482-175	1300-175	1-3/4	1.942
482-200	1300-200	2	2.210
482-325	1400-25	1/4	.225
482-331	1400-31	5/16	.281
482-337	1400-37	3/8	.338
482-343	1400-43	7/16	.395
482-350	1400-50	1/2	.461
482-356	1400-56	9/16	.521
482-362	1400-62	5/8	.579

PART NO.	INDUSTRY REF. NUMBER	RING SIZE	FREE DIAMETER "A"
482-368	1400-68	11/16	.635
482-375	1400-75	3/4	.693
482-381	1400-81	13/16	.751
482-387	1400-87	7/8	.810
482-393	1400-93	15/16	.867
482-400	1400-100	1	.925
482-412	1400-112	1-1/8	1.041
482-425	1400-125	1-1/4	1.156
482-431	1400-131	1-5/16	1.214
482-437	1400-137	1-3/8	1.272
482-450	1400-150	1-1/2	1.387
482-475	1400-175	1-3/4	1.618
482-500	1400-200	2	1.850
482-612	1500-12	1/8	.094
482-615	1500-15	5/32	.114
482-618	1500-X18	3/16	.122
482-619	1500-18	3/16	.145
482-625	1500-25	1/4	.207
482-631	1500-X31	5/16	.243
482-637	1500-37	3/8	.300
482-643	1500-43	7/16	.337
482-650	1500-50	1/2	.392
482-715	1540-15	5/32	.113
482-718	1540-18	3/16	.143
482-725	1540-25	1/4	.204
482-731	1540-31	5/16	.242
482-737	1540-37	3/8	.292
482-756	1540-56	1/2	.385

DYNALINE
Retainer Rings

EXTERNAL

•Cross reference to 1400, 3100, 5100, SH, MS-16624 series •SAE 1060-1090 spring steel •Phosphate and oil finish

PART NO.	INDUSTRY REF. NO.	RING I.D. (inches)
22924	18	0.188
22925	25	0.250
22926	31	0.312
22928	37	0.375
22929	43	0.438
22931	50	0.500
22932	56	0.562
22933	59	0.594
22934	62	0.625
22935	66	0.669
22936	68	0.680
22937	75	0.750
22938	81	0.812
22939	87	0.875
22940	93	0.938
22942	100	1.000
22944	106	1.062
22945	112	1.125
22946	118	1.188
22947	125	1.250
22948	131	1.312
22949	137	1.375
22950	143	1.438

PART NO.	INDUSTRY REF. NO.	RING I.D. (inches)
22951	150	1.500
22952	156	1.562
22953	162	1.625
22954	168	1.687
22955	175	1.750
22956	187	1.875
22957	196	1.969
22958	200	2.000
22960	212	2.125
22962	225	2.250
22963	237	2.375
22964	243	2.438
22965	250	2.500
22966	262	2.626
22967	275	2.750
22968	287	2.875
22970	300	3.000
22971	350	3.500
22972	400	4.000
22973	450	4.500
22974	500	5.000
22975	600	6.000

INTERNAL

•Cross reference to 1300, 3000, 5000, HO, MS-16625 series •SAE 1060-1090 spring steel •Phosphate and oil finish

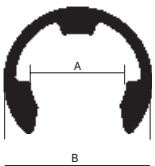
PART NO.	INDUSTRY REF. NO.	RING O.D. (inches)
22873	25	0.250
22874	31	0.312
22875	37	0.375
22876	43	0.437
22878	50	0.500
22879	56	0.562
22880	62	0.625
22881	68	0.688
22882	75	0.750
22884	87	0.875
22885	93	0.938
22886	100	1.000
22888	106	1.062
22889	112	1.125
22890	118	1.118
22891	125	1.250
22892	131	1.312
22893	137	1.375
22894	143	1.438
22895	150	1.500
22896	156	1.562
22897	162	1.625
22900	175	1.750

PART NO.	INDUSTRY REF. NO.	RING O.D. (inches)
22901	181	1.812
22902	187	1.875
22903	193	1.938
22904	200	2.000
22905	206	2.062
22906	212	2.125
22907	225	2.250
22908	237	2.375
22909	244	2.440
22910	250	2.500
22911	262	2.620
22912	268	2.688
22913	275	2.750
22914	281	2.812
22915	287	2.875
22916	300	3.000
22917	325	3.250
22918	350	3.500
22919	400	4.000
22920	450	4.500
22921	500	5.000
22922	550	5.500
22923	600	6.000

EXTERNAL "E" TYPE

•Cross reference to 1000, 1500, 5133, MS-16633 series
•SAE 1060-1090 spring steel •Phosphate and oil finish

PART NO.	INDUSTRY REF. NO.	DIAMETER	A	B
22860	12	1/8"	0.094"	0.230"
22861	18	3/16"	0.145"	0.335"
22862	25	1/4"	0.207"	0.527"
22863	31	5/16"	0.243"	0.500"
22864	37	3/8"	0.300"	0.660"
22865	43	7/16"	0.337"	0.687"
22866	50	1/2"	0.392"	0.800"
22867	62	5/8"	0.480"	0.940"
22868	75	3/4"	0.574"	1.120"
22869	87	7/8"	0.668"	1.300"
22870	98	63/64"	0.822"	1.500"
22871	118	1-3/16"	1.066"	1.626"
22872	137	1-3/8"	1.213"	1.870"



SLOTTED SPRING PINS

•Made of high carbon spring steel (1070 - 1095) •Champered ends simplify insertion •Spring action locks each pin securely in place •Easily removed with a punch without damage
PLEASE NOTE: The chart for Slotted Spring Pins shows part numbers as well as Industry Reference Numbers, highlighted in BLUE.

LENGTH		NOMINAL DIAMETER: INCHES & DEC. EQUIVALENT											
INCH.	DEC.	1/16" .062	5/64" .078	3/32" .093	1/8" .125	5/32" .156	3/16" .187	7/32" .218	1/4" .250	5/16" .312	3/8" .375	7/16" .437	1/2" .500
3/16"	.187	SP1 476-001	-	-	-	-	-	-	-	-	-	-	-
1/4"	.250	-	SP8 476-008	-	-	-	-	-	-	-	-	-	-
5/16"	.312	SP2 476-002	-	SP15 476-015	-	-	-	-	-	-	-	-	-
3/8"	.375	-	-	-	SP23 476-023	-	-	-	-	-	-	-	-
1/2"	.500	SP3 476-003	SP9 476-009	SP16 476-016	SP24 476-024	SP33 476-033	SP39 476-039	-	-	-	-	-	-
9/16"	.562	-	SP10 476-010	-	-	-	-	-	-	-	-	-	-
5/8"	.625	SP4 476-004	-	SP17 476-017	SP25 476-025	SP34 476-034	SP40 476-040	SP48 476-048	SP53 476-053	-	-	-	-
3/4"	.750	SP5 476-005	SP11 476-011	SP18 476-018	SP26 476-026	SP35 476-035	SP41 476-041	-	SP54 476-054	SP63 476-063	SP70 476-070	-	-
7/8"	.875	SP6 476-006	-	SP19 476-019	SP27 476-027	-	-	-	SP55 476-055	SP64 476-064	-	-	-
1"	1.000	SP7 476-007	SP12 476-012	SP20 476-020	SP28 476-028	SP36 476-036	SP42 476-042	-	SP56 476-056	SP65 476-065	SP71 476-071	SP76 476-076	-
1-1/4"	1.250	-	SP13 476-013	SP21 476-021	SP29 476-029	SP37 476-037	SP43 476-043	SP49 476-049	SP57 476-057	-	-	SP77 476-077	SP82 476-082
1-3/8"	1.375	-	-	-	-	-	-	SP50 476-050	-	-	-	-	-
1-1/2"	1.500	-	SP14 476-014	SP22 476-022	SP30 476-030	SP38 476-038	SP44 476-044	SP51 476-051	SP58 476-058	SP66 476-066	SP72 476-072	SP78 476-078	SP83 476-083
1-3/4"	1.750	-	-	-	SP31 476-031	-	SP45 476-045	SP52 476-052	SP59 476-059	SP67 476-067	-	-	SP84 476-084
2"	2.000	-	-	-	SP32 476-032	-	SP46 476-046	-	SP60 476-060	SP68 476-068	SP73 476-073	SP79 476-079	
2-1/4"	2.250	-	-	-	-	-	SP47 476-047	-	SP61 476-061	-	-	-	-
2-1/2"	2.500	-	-	-	-	-	-	-	SP62 476-062	SP69 476-069	SP74 476-074	SP80 476-080	SP86 476-086
3"	3.000	-	-	-	-	-	-	-	-	-	SP75 476-075	SP81 476-081	SP87 476-087

Fasteners

DYNALINE

Internal & External Hair Pin Clips

•Oil tempered MB spring wire •Clear zinc plated finish

PART NO.	TYPE	WIRE DIA.	OVERALL LENGTH	EYE I.D.
66300	Internal	1/16"	1-5/16"	5/16"
66301	Internal	3/32"	1-5/8"	5/16"
66302	Internal	3/16"	3-1/4"	7/8"
66303	Internal	3/32"	2-5/16"	5/8"
66304	Internal	3/16"	3-3/4"	7/8"
66305	Internal	5/32"	3-5/16"	3/4"
66306	Internal	1/8"	2-9/16"	7/16"
66307	Internal	1/8"	1-3/4"	7/16"
66308	Internal	1/4"	4-3/8"	3/4"
66309	Internal	5/32"	3"	1/2"
66310	Internal	1/8"	3-1/4"	1"
66311	External	7/64"	2-1/16"	7/16"
66312	External	11/64"	2-5/8"	3/4"
66313	Internal	11/64"	3"	5/8"
66317	Internal	3/32"	1-9/16"	5/16"
66318	Internal	1/16"	1-9/16"	5/16"
66320	Internal	5/16"	3-5/16"	7/8"
66325	Internal	5/64"	1-3/32"	9/64"
66326	Internal	5/32"	2-15/16"	3/4"
66328	Internal	3/32"	2-1/2"	7/16"

DOCAP

Internal Hair Pin Clips

•Plated •Made of oil tempered spring wire especially for agricultural implements, lawn mowers, construction and industrial machinery •Designed to fit properly, install easily and last longer

PART NO.	SIZE (inches)
480-011	1/8 x 2-9/16
480-002	1/8 x 3-1/4
480-001	5/32 x 3
480-009	5/32 x 3-5/16
480-010	5/32 x 2-15/16
480-005	11/64 x 2-5/8
480-004	11/64 x 3
480-012	11/64 x 3-7/16
480-006	3/16 x 3-1/4
480-008	3/16 x 3-3/4
480-019	1/4 x 4-3/8
480-020	5/16 x 3-5/16
480-023	3/64 x 1
480-021	3/64 x 9/16
480-024	3/64 x 1-9/16
480-022	1/16 x 1-5/16
480-018	1/16 x 1-9/16
480-025	5/64 x 1-3/32
480-013	3/32 x 1-3/16
480-017	3/32 x 1-9/16
480-003	3/32 x 1-5/8
480-007	3/32 x 2-5/16
480-014	3/32 x 2-1/2
480-015	1/8 x 1-9/16
480-016	1/8 x 1-3/4

COTTER PINS

Length	DIAMETER							
	1/16"	3/32"	1/8"	5/32"	3/16"	1/4"	5/16"	3/8"
1/2"	COT-006-050	COT-009-050	-	-	-	-	-	-
3/4"	COT-006-075	COT-009-075	COT-012-075	COT-015-075	-	-	-	-
1"	COT-006-100	COT-009-100	COT-012-100	COT-015-100	COT-018-100	COT-025-100	-	-
1¼"	COT-006-125	COT-009-125	COT-012-125	COT-015-125	COT-018-125	COT-025-125	COT-031-125	-
1½"	COT-006-150	COT-009-150	COT-012-150	COT-015-150	COT-018-150	COT-025-150	COT-031-150	-
1¾"	COT-006-175	COT-009-175	COT-012-175	COT-015-175	-	-	-	-
2"	COT-006-200	COT-009-200	COT-012-200	COT-015-200	COT-018-200	COT-025-200	COT-031-200	COT-038-200
2¼"	-	-	-	-	-	-	COT-031-225	-
2½"	-	COT-009-250	COT-012-250	COT-015-250	COT-018-250	COT-025-250	COT-031-250	COT-038-250
3"	-	-	COT-012-300	COT-015-300	COT-018-300	COT-025-300	COT-031-300	COT-038-300
3½"	-	-	-	-	COT-018-350	COT-025-350	COT-031-350	COT-038-350
4"	-	-	-	-	COT-018-400	COT-025-400	COT-031-400	COT-038-400
5"	-	-	-	-	-	-	COT-031-500	COT-038-500
6"	-	-	-	-	-	-	-	COT-038-600

CLEVIS PINS

•Lengths shown are from under head to end of pin

PART NO.	DIA. & LENGTH (inches)
478-450	3/16 x 5/8
478-451	1/4 x 51/64
478-464	1/4 x 1
478-548	5/16 x 3/4
478-562	5/16 x 31/32
478-564	5/16 x 1
478-572	5/16 x 1⅛
478-580	5/16 x 1¼
478-596	5/16 x 1½
478-600	5/16 x 1-9/16
478-635	5/16 x 1¾
478-656	3/8 x 7/8
478-664	3/8 x 1
478-670	3/8 x 1-3/32
478-680	3/8 x 1¼
478-688	3/8 x 1⅜
478-696	3/8 x 1½
478-779	7/16 x 1-15/64
478-796	7/16 x 1¼
478-835	7/16 x 1¾
478-880	1/2 x 1¼
478-891	1/2 x 1-27/64
478-905	1/2 x 1½
478-928	1/2 x 2

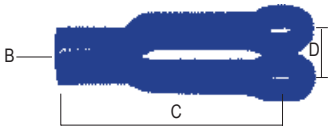
UNIVERSAL CLEVIS PINS

•Multiple cotter pin holes to provide wide range of grip lengths
•Reduce number of pins required for emergency coverage
•For cars, trucks, and farm implements

PART NO.	DIA. & LENGTH (inches)
478-044	1/4 x 2
478-054	5/16 x 2
478-064	3/8 x 2
478-074	7/16 x 2
478-075	7/16 x 2½
478-076	7/16 x 3
478-084	1/2 x 2
478-085	1/2 x 2½
478-086	1/2 x 3
478-106	5/8 x 3
478-126	3/4 x 3

CLEVIS YOKES

•Drop forged SAE fine thread •5 sizes to service all cars and trucks •Package includes clevis pins and cotter pins



PART NO.	DIMENSIONS (inches)		
	B SIZE	C	D
479-004	1/4 UNF	2	9/32
479-005	5/16 UNF	2¼	22/32
479-006	3/8 UNF	2½	7/16
479-007	7/16 UNF	2-7/8	1/2
479-008	1/2 UNF	3	9/16

DYNALINE

Clevis Pins

•Lengths shown are from under head to top of hole •Cold headed 1018 carbon steel •Zinc plated finish

PART NO.	DIA. & LENGTH (inches)
22500	1/4 x 1
22501	1/4 x 1¼
22502	1/4 x 1½
22503	1/4 x 1¾
22504	1/4 x 2
22505	1/4 x 2¼
22509	5/16 x 1
22510	5/16 x 1¼
22511	5/16 x 1½
22512	5/16 x 1¾
22513	5/16 x 2
22514	5/16 x 2¼
22518	3/8 x 1
22519	3/8 x 1¼
22520	3/8 x 1½

PART NO.	DIA. & LENGTH (inches)
22521	3/8 x 1¾
22522	3/8 x 2
22523	3/8 x 2¼
22528	7/16 x 1¼
22529	7/16 x 1½
22530	7/16 x 1¾
22531	7/16 x 2
22532	7/16 x 2¼
22536	1/2 x 1
22537	1/2 x 1¼
22538	1/2 x 1½
22539	1/2 x 1¾
22540	1/2 x 2
22541	1/2 x 2¼

Universal Clevis Pins

•Cold headed 1018 carbon steel •Zinc plated finish •Lengths shown are from under head to end of pin

PART NO.	DIA. & LENGTH (inches)
22545	1/4 x 2
22546	5/16 x 2
22547	3/8 x 2
22548	7/16 x 2
22549	1/2 x 2
22550	7/16 x 2½
22551	1/2 x 2½
22552	7/16 x 3
22553	1/2 x 3
22554	5/8 x 3
22555	3/4 x 3

DYNALINE

DOCAP

Fastener Assortments

Part No. 430-013, SK-13 WOODRUFF KEY assortment
Part No. 431-039, COTTER PIN fastener pak assortment, over 900 pieces, plated.
Part No. 482-834, SNAP RING assortment, contains 480 rings, pliers, packed in metal drawer w/ easy identification label in lid.
Part No. 484-001, READY ROD floor display assortment, contains 80 rods w/ heavy duty all steel construction display.

Rivet Nut Products

RIVET NUT TOOL KIT. Ideal for materials that cannot be tapped or welded. May be used as a blind fastener or anchor screw. Kit contains 40 rivet nuts and one riveting tool in a handy plastic case.
Part No. 656-100.

Part No. 656-210, 6-32 Riv-Nuts - Pack of 50,
Part No. 656-220, 8-32 Riv-Nuts - Pack of 50
Part No. 656-230, 10-24 Riv-Nuts - Pack of 50
Part No. 656-240, 1/4"-20 (threaded) Riv-Nuts - Pack of 50

E-Z•Lok Products

E-Z•LOK THREAD INSERT KIT. Prevent/repair stripped threads. No special tools required, install with bolt and wrench. Three easy steps: Drill with standard drill; tap hole with standard tap; turn E-Z•Lok to desired level with standard bolt.
Part No. 458-080, 48 piece kit.
Part No. 458-083, 29 piece kit.

Part No. 458-003,10-24 NC E-Z•Lok inserts - Pack of 10,
Part No. 458-004, 1/4-20 NC E-Z•Lok inserts - Pack of 10
Part No. 458-005, 5/16-18 NC E-Z•Lok inserts - Pack of 10
Part No. 458-006, 3/8-16 NC E-Z•Lok inserts - Pack of 10
Part No. 458-007, 7/16-14 NC E-Z•Lok inserts - Pack of 5
Part No. 458-008, 1/2-13 NC E-Z•Lok inserts - Pack of 5
Part No. 458-010, 5/8-11 NC E-Z•Lok inserts - Pack of 5
Part No. 458-012, 3/4-10 NC E-Z•Lok inserts - Pack of 5
Part No. 458-016, 1-8 NC E-Z•Lok inserts - Pack of 5
Part No. 458-020, 10-32 NF E-Z•Lok inserts - Pack of 10
Part No. 458-022, 1/4-28 NF E-Z•Lok inserts - Pack of 10
Part No. 458-024, 5/16-24 NF E-Z•Lok inserts - Pack of 10
Part No. 458-026, 3/8-24 NF E-Z•Lok inserts - Pack of 10
Part No. 458-028, 7/16-20 NF E-Z•Lok inserts - Pack of 5
Part No. 458-036, M6-1.0 metric E-Z•Lok inserts - Pack of 10
Part No. 458-038, M8-1.25 metric E-Z•Lok inserts - Pack of 10
Part No. 458-040, M10-1.50 metric E-Z•Lok inserts - Pack of 10
Part No. 458-042, M12-1.75 metric E-Z•Lok inserts - Pack of 5
Part No. 458-046, M14 x 3/8" spark plug E-Z•Lok inserts - Pack of 5
Part No. 458-048, M14 x 1/2" spark plug E-Z•Lok inserts - Pack of 5
Part No. 458-052, M14 x 3/4" spark plug E-Z•Lok inserts - Pack of 5
Part No. 458-058, M18 x 1/2" spark plug E-Z•Lok inserts - Pack of 5

PERMA-THREAD

Helically Coiled Inserts

PERMA-THREAD •THREAD REPAIR KITS •INSERT PACKS

Perma-Thread helically coiled inserts are made of stainless steel wire that has been rolled to a carefully controlled thread form. When installed, Perma-Thread inserts adjust to a tapped hole, becoming a functional thread with a strength exceeding the original.
Perma-Thread inserts and repair kits are designed to repair stripped threads in a variety of metals. Aluminum, aluminum alloys, steel, and cast iron. If the original threads can be stripped, Perma-Thread inserts can repair them. By following the detailed instructions enclosed in every Perma-Thread Kit, even an inexperienced do-it-yourselfer can repair stripped threads, permanently.

Your 100% Canadian Single Source!

PERMA-THREAD
Individual Thread Repair Kits

*Perma-Thread repair kits include: Inserts, Installation Tool, and Tap.
**Perma-Thread insert packs contain inserts only.
The packs and insert bags contain inserts whose length is 1-1/2 times their diameter. (For example, the 1/4-20 insert is 3/8" long.)
PLEASE NOTE: Drill bit not included.

Thread Size	Length	REPAIR KITS*		REPLACEMENT PARTS				Drill Size
		Repair Kit* Part No.	Inserts Per Pack	Kit Tool	Kit Tap	Packaged** Inserts	Quantity Inserts	(Drill bit NOT included)
Unified National Coarse								
8-32	.246	1208-018	12	1182-018	1428-018	P208-018	12	11/64
10-24	.285	1208-101	12	1182-101	1428-101	P208-101	12	13/64
12-24	.324	1208-102	12	1182-102	1428-102	P208-102	12	15/64
1/4-20	.375	1208-104	12	1182-104	1428-104	P208-104	12	17/64
5/16-18	.469	1208-105	12	1182-105	1428-105	P208-105	12	21/64
3/8-16	.562	1208-106	12	1182-106	1428-106	P208-106	12	25/64
7/16-14	.656	1208-107	6	1182-107	1428-107	P208-107	6	29/64
1/2-13	.750	1208-108	6	1182-108	1428-108	P208-108	6	17/32
9/16-12	.844	1208-109	6	1182-109	1428-109	P208-109	6	19/32
5/8-11	.938	1208-110	6	1182-110	1428-110	P208-110	6	21/32
3/4-10	1.125	1208-112	4	1182-112	1428-112	P208-112	4	25/32
7/8-9	1.312	3208-C14	6	1182-114	1043-14CP3	P108-114	1	29/32
1-8	1.500	3208-C16	6	1182-116	1043-16CP3	P108-116	1	1-1/32
1-1/8-7	1.688	3208-C18	5	1182-118	1043-18CP3	P108-118	1	1-11/64
1-1/4-7	1.875	3208-C20	4	1182-120	1043-20CP3	P108-120	1	1-19/64
1-3/8-6	2.062	3208-C22	4	1182-122	1043-22CP3	P108-122	1	1-27/64
1-1/2-6	2.250	3208-C24	4	1182-124	1043-24CP3	P108-124	1	1-35/64
Unified National Fine								
10-32	.285	1208-201	12	1172-201	1428-201	P208-201	12	13/64
1/4-28	.375	1208-204	12	1172-204	1428-204	P208-204	12	17/64
5/16-24	.469	1208-205	12	1172-205	1428-205	P208-205	12	21/64
3/8-24	.562	1208-206	12	1172-206	1428-206	P208-206	12	25/64
7/16-20	.656	1208-207	6	1172-207	1428-207	P208-207	6	29/64
1/2-20	.750	1208-208	6	1172-208	1428-208	P208-208	6	33/64
9/16-18	.844	1208-209	6	1172-209	1428-209	P208-209	6	37/64
5/8-18	.938	1208-210	6	1172-210	1428-210	P208-210	6	41/64
3/4-16	1.125	1208-212	4	1172-212	1428-212	P208-212	4	49/64
7/8-14	1.312	3208-F14	6	1039-14F	1043-14FP3	P108-214	1	57/64
1-14	1.500	3208-F164	6	1039-164F	1043-164FP3	P108-2164	1	1-1/64
1-1/8-12	1.688	3208-F18	5	1039-18F	1043-18FP3	P108-218	1	1-5/32
1-1/4-12	1.875	3208-F20	5	1039-20F	1043-20FP3	P108-220	1	1-9/32
1-3/8-12	2.062	3208-F22	4	1039-22F	1043-22FP3	P108-222	1	1-13/32
1-1/2-12	2.250	3208-F24	4	1039-24F	1043-24FP3	P108-224	1	1-17/32
Metric - Coarse Thread								
M5 x 0.8	7.5 mm	1221-305	12	1287-305	1448-305	P206-305	12	13/64
M6 x 1	9.0 mm	1221-306	12	1287-306	1448-306	P206-306	12	1/4
M7 x 1	10.5 mm	1221-307	12	1289-307	1448-307	P206-307	12	9/32
M8 x 1.25	12.0 mm	1221-308	12	1289-308	1448-308	P206-308	12	21/64
M10 x 1.5	15.0 mm	1221-310	12	1289-310	1448-310	P206-310	12	13/32
M12 x 1.75	18.0 mm	3221-M12C	6	1289-312	5043-120CP4	P106-312	6	31/64
M14 x 2	21.0 mm	3221-M14C	6	1289-314	5043-140CP4	P106-314	6	37/64
M16 x 2	24.0 mm	3221-M16C	6	1289-316	5043-160CP4	P106-316	6	21/32
M18 x 2.5	27.0 mm	3221-M18C	6	1289-318	5043-180CP4	P106-318	6	47/64
M20 x 2.5	30.0 mm	3221-M20C	6	1289-320	5043-200CP4	P106-320	6	13/16
Metric - Fine Thread								
M10 x 1.25	15.0 mm	3221-M10F	12	1287-610	5043-100FP4	P106-610	12	13/32
M12 x 1.25	18.0 mm	3221-M12F	6	1287-612	5043-120FP4	P106-612	6	31/64
M12 x 1.5	18.0 mm	3221-M1215	6	1287-61215	5043-1215FP4	P106-61215	6	31/64
M14 x 1.5	21.0 mm	3221-M14F	6	1287-614	5043-140FP4	P106-614	6	9/16
M16 x 1.5	24.0 mm	3221-M16F	6	1287-616	5043-160FP4	P106-616	6	21/32

The Perma-Thread spark plug series includes a full range of individually packaged kits and inserts. They have application in all types of engines and are available in 10, 12, 14 and 18 mm sizes. Each kit includes the appropriate reamer/tap and installation tool. For all sizes except the 18 mm, you choose the reach and quantity of Perma-Thread stainless steel inserts required.
*Note: 10 mm, 12 mm and 14 mm spark plug kits contain tap and installation tool and NO inserts.

Spark Plug Series

Thread Size	Length	Kit Part No.	Insert Per Kit	Insert Pack Part No.	Inserts Per Pack	Tap Part No.	Tool Part No.
M10-1.0 mm	.500	1210-410*	-	P410-500	6	1458-100	1094-100
M12-1.25 mm	.500	1212-412*	-	P412-500	6	1458-123	1094-123
M12-1.25 mm	.750	-	-	P412-750	6	-	-
M14-1.25 mm	.375	1214-414*	-	P414-375	6	1458-143	1094-143
M14-1.25 mm	.438	-	-	P414-438	6	-	-
M14-1.25 mm	.500	-	-	P414-500	6	-	-
M14-1.25 mm	.750	-	-	P414-750	6	-	-
M18-1.50 mm	.500	1218-500	6	P418-500	6	1458-185	1094-185

PERMA-THREAD

Mechanic's Master Thread Repair Kits

•Fine •Coarse •Metric •These kits, designed for the professional mechanic, contain the most popular sizes used in automotive and light truck applications. Each kit contains, 30 Perma-Thread helically coiled inserts, 5 taps, and 5 installation tools. (Fine thread kits contain 5 pre-winding tools. Metric thread kits contain 3 pre-winding tools.)

Mechanic's Master Fine Thread Repair Kit. Thread size: 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20.
Part No. 1208FMK.

Mechanic's Master Coarse Thread Repair Kit. Thread size: 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13.
Part No. 1208CMK.

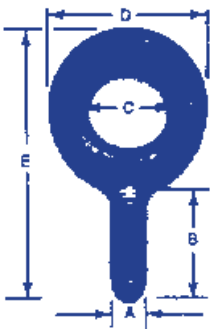
Mechanic's Master Metric Thread Repair Kit. Fits most popular European and Japanese metric thread sizes. Thread size: 5 x 0.8 mm, 6 x 1.0 mm, 8 x 1.25 mm, 10 x 1.25 mm, 10 x 1.5 mm.
Part No. 1221MMK.

EYE BOLTS

Plain Pattern •Forged •Carbon Steel •Self-Coloured

Part No.	Thread Sz. UNC-2A A	Shank Length B	I.D. Eye C	O.D. Eye D	Overall Length E	Approx. Wt. Per Piece	Working Load Limit
BP08	1/4-20	1	3/4	1-3/16	2-7/32	.04	650
BP10	5/16-18	1-1/8	7/8	1-7/16	2-19/32	.09	1200
BP12	3/8-16	1-1/4	1	1-11/16	3	.14	1550
BP14	7/16-14	1-3/8	1-3/32	1-13/16	3-7/32	.19	2000
BP16	1/2-13	1-1/2	1-3/16	2-1/8	3-21/32	.31	2600
BP18	9/16-12	1-5/8	1-1/4	2-5/16	4	.41	3200
BP20	5/8-11	1-3/4	1-3/8	2-9/16	4-1/2	.59	5200
BP24	3/4-10	2	1-1/2	2-13/16	4-7/8	.88	7200
BP28	7/8-9	2-1/4	1-11/16	3-3/16	5-1/2	1.40	10600
BP32	1-8	2-1/2	1-13/16	3-9/16	6-1/8	2.00	13300
BP36	1-1/8-7	2-3/4	2	4-1/16	6-7/8	2.80	17000
BP40	1-1/4-7	3	2-3/16	4-7/16	8	4.00	21000
BP48	1-1/2-6	3-1/2	2-1/2	5-3/16	8-3/4	7.40	24000
BP56	1-3/4-5	3-3/4	2-7/8	6	9-13/16	11.80	32000
BP64	2-4-1/2	4	3-3/8	6-7/8	11	17.40	40000

Dimensions in inches. Weights in pounds.



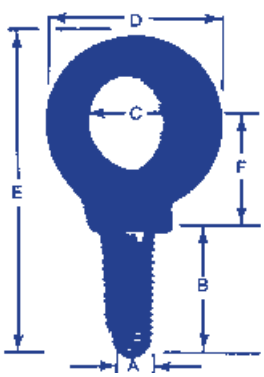
Shoulder Pattern •Forged •Carbon Steel •Self-Coloured •Undercut to ensure eyebolt will thread tight to shoulder

•Forged from special bar quality fine grain carbon steel. •Normalized prior to machining. •Roll threads 1/4" through 1-1/4". •Cut threads 1-1/2" through 2-1/2". •Proof tested in accordance with ASTM A489 and Federal Spec. ANSI B 18.15. •Shoulder style eyebolt 1/4" through 1" military style collar—MS51937 specification. Maximum rated capacity is five times the working load limit.

WARNING - Rated capacity is drastically reduced when loading at any angle. Loading must never be made at an angle greater than 45° from bolt centre-line. At an angle of 45° rated capacity is reduced to 1/4 of the tabulated value.

Part No.	Thread Sz. UNC-2A A	Shank Length B	I.D. Eye C	O.D. Eye D	Overall Length E	Centre of eye to shoulder F	Approx. Wt. Per Piece	Working Load Limit
BS08	1/4-20	1	3/4	1-3/16	2-3/8	3/4	.04	650
BS10	5/16-18	1-1/8	7/8	1-7/16	2-13/16	15/16	.09	1200
BS12	3/8-16	1-1/4	1	1-11/16	3-9/32	1-1/8	.17	1550
BS14	7/16-14	1-3/8	1-1/16	1-13/16	3-9/16	1-1/4	.24	2000
BS16	1/2-13	1-1/2	1-3/16	2-1/8	3-31/32	1-3/8	.38	2600
BS18	9/16-12	1-5/8	1-1/4	2-5/16	4-1/2	1-9/16	.51	3200
BS20	5/8-11	1-3/4	1-3/8	2-9/16	4-3/4	1-21/32	.71	5200
BS24	3/4-10	2	1-1/2	2-13/16	5-1/4	1-13/16	.99	7200
BS28	7/8-9	2-1/4	1-11/16	3-3/16	5-31/32	2-1/8	1.48	10600
BS32	1-8	2-1/2	1-13/16	3-9/16	6-5/8	2-5/16	2.20	13300
BS36	1-1/8-7	2-3/4	2	4-1/16	7-17/32	2-11/16	3.20	17000
BS40	1-1/4-7	3	2-3/16	4-7/16	8-7/32	2-15/16	4.40	21000
BS48	1-1/2-6	3-1/2	2-1/2	5-3/16	9-15/32	3-5/16	7.40	24000
BS56	1-3/4-5	3-3/4	2-7/8	6	10-13/16	4	11.80	32000
BS64	2-4-1/2	4	3-3/8	6-7/8	11-7/8	4-3/8	17.20	40000

Dimensions in inches. Weights in pounds.

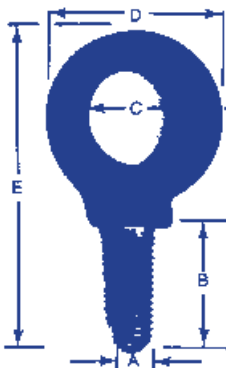


Your 100% Canadian Single Source!

Metric Shoulder Pattern •Forged •Carbon Steel •Self-Coloured

•Forged from special bar quality fine grain carbon steel. •Normalized prior to machining. •Roll threads 1/4" through 1-1/4". •Cut threads 1-1/2" through 2-1/2". •Proof tested in accordance with ASTM A489 and Federal Spec. ANSI B 18.15. •Shoulder style eyebolt 1/4" through 1" military style collar—MS51937 specification. Maximum rated capacity is five times the working load limit.

WARNING - Rated capacity is drastically reduced when loading at any angle. Loading must never be made at an angle greater than 45° from bolt centre-line. At an angle of 45° rated capacity is reduced to 1/4 of the tabulated value.



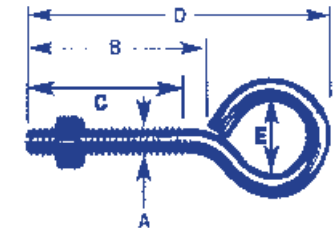
Part No.	Thread Sz. UNC-6G A	Shank Length B	I.D. Eye C	O.D. Eye D	Overall Length E	Approx. Wt. Per Piece	Working Load Limit kgs/lbs.
BS6M	M6 x 1.0	25.4	19	30	60.3	.06	210/462
BS7M	M7 x 1.0	28.5	22	36.5	71.4	.10	370/814
BS8M	M8 x 1.25	31.7	25	43	82.5	.17	500/1110
BS10M	M10 x 1.5	35.0	27	46	90.5	.24	740/1628
BS12M	M12 x 1.75	38.0	30	54	100.8	.36	1030/2266
BS14M	M14 x 2.0	44.5	35	65	120.7	.48	1600/3520
BS16M	M16 x 2.0	44.5	35	65	120.7	.69	1600/3520
BS18M	M18 x 2.5	51.0	38	71.5	133.3	1.10	2140/4708
BS20M	M20 x 2.5	57.0	41	81	152.4	1.51	2860/6292
BS24M	M24 x 3.0	63.5	44	90.4	168.3	2.36	3850/8470
BS27M	M27 x 3.0	70.0	51	103	191.3	3.41	5200/11440
BS30M	M30 x 3.5	76.0	55	112.7	208.8	4.68	6400/14080
BS36M	M36 x 4.0	89.0	63	131.8	240.5	7.77	8970/19734
BS42M	M42 x 4.5	95.0	73	152.4	274.7	11.10	11960/26312
BS45M	M45 x 4.5	95.0	73	152.4	274.7	11.35	12720/27984
BS48M	M48 x 5.0	101.6	82	174.6	301.6	15.90	16400/36080
BS52M	M52 x 5.0	101.6	82	174.6	301.6	16.70	17300/38060

Dimensions in Millimeters.

Wire Formed Eyebolts

•Clear zinc plated •Supplied with nuts

PART NO.	"A"	"B"	"C"	"D"	"E"
65102	3/16"	1⅜"	1"	2"	3/8"
65104	3/16"	1¾"	1⅝"	2½"	3/8"
65106	1/4"	1"	7/8"	2"	9/16"
65107	1/4"	1½"	1⅜"	2½"	9/16"
65108	1/4"	2"	1¾"	3"	9/16"
65109	1/4"	3"	2¾"	4"	9/16"
65110	1/4"	4"	3"	5"	9/16"
65111	1/4"	5"	3"	6"	9/16"
65112	5/16"	2"	1¾"	3¼"	3/4"
65113	5/16"	2½"	2¼"	4"	3/4"
65114	5/16"	3½"	3"	5"	3/4"
65115	5/16"	4½"	3"	6"	3/4"
65117	3/8"	2¼"	2"	4"	1"
65118	3/8"	3¼"	3"	5"	1"
65119	3/8"	4¼"	3"	6"	1"
65120	3/8"	6¼"	3"	8"	1"
65123	1/2"	3¾"	3"	6"	1¼"
65124	1/2"	5¾"	3"	8"	1¼"

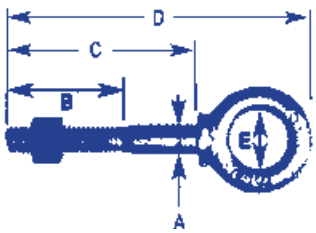


Shoulder Eyebolts — Forged

•Galvanized finish •Supplied with nut

PART NO.	"A"	"B"	"C"	"D"	"E"	S.W.L.L.*
66100	1/4"	1½"	2"	3"	1/2"	500 lbs.
66101	5/16"	1½"	2¼"	3½"	5/8"	800 lbs.
66102	3/8"	1½"	2½"	4"	3/4"	1200 lbs.
66103	1/2"	1½"	3¼"	5¼"	1"	2200 lbs.
66104	5/8"	1¾"	4"	6½"	1-1/4"	3500 lbs.
66105	1/4"	2½"	4"	5"	1/2"	500 lbs.
66106	5/16"	2½"	4¼"	5½"	5/8"	800 lbs.
66107	3/8"	2½"	6"	7½"	3/4"	1200 lbs.
66108	1/2"	3"	6"	7¾"	1"	2200 lbs.

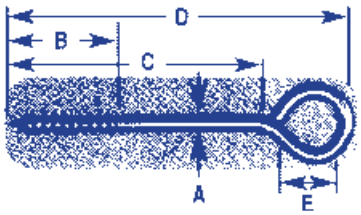
*Never exceed the S.W.L.L. (Safe Working Load Limit)



Lag Screw Eyebolts

•Clear zinc plated

PART NO.	"A"	"B"	"C"	"D"	"E"
65161	1/4"	1-5/16"	2¾"	3¾"	1/2"
65162	1/4"	1-7/8"	4"	5"	1/2"
65163	5/16"	1-7/8"	2¾"	4"	5/8"
65164	5/16"	1-7/8"	4¾"	6"	5/8"
65165	3/8"	1-15/16"	3"	4½"	3/4"
65166	3/8"	2-7/8"	6½"	8"	3/4"



DYNALINE

Garage Assortments

PART NO.	PIECES	DESCRIPTION
020-010	175	Round head, square dr. MACHINE SCREW and NUT assortment.
020-011	175	Flat head, square dr. MACHINE SCREW and NUT assortment.
020-012	150	Round Phillips head MACHINE SCREW and NUT assortment.
020-020	100	WOODRUFF KEY assortment.
020-021	29	Large size WOODRUFF KEY assortment.
020-022	104	THROTTLE ROD CLIP and RETAINER assortment.
020-023	100	Oval Phillips head TAPPING SCREW assortment.
020-024	100	Hexagon head TAPPING SCREW assortment.
020-026	165	Pan head slot TAPPING SCREW assortment.
020-028	47	HOLE PLUG assortment.
020-030	200	Standard and flush type FINISHING WASHER assortment.
020-031	400	Small size S.A.E. WASHER assortment.
020-032	14	Self tapping oversize DRAIN PLUG and GASKET assortment.
020-033	340	COTTER PIN assortment.
020-034	225	Internal tooth LOCK WASHER assortment.
020-035	225	External tooth LOCK WASHER assortment.
020-038	18	Metric/English DRAIN PLUG and GASKET assortment.
020-040	60	SNAP RING assortment.
020-045	136	Flat head, square dr. STOVE BOLT and NUT assortment.
020-046X	35	Square head SET SCREW assortment.
020-047	235	LOCK WASHER assortment.
020-048X	50	Expansion FROST PLUG assortment.
020-053	50	Tensilock FLANGE NUT assortment.
020-054X	60	Nylon DRAIN PLUG GASKET assortment.
020-057	71	FENDER WASHER assortment.
020-061	15	Universal CLEVIS PIN assortment.
020-062	41	CLEVIS PIN assortment.
020-063	100	Compression and expansion UTILITY SPRING assortment.
020-073	40	HITCH PIN CLIP assortment.
020-087	20	Socket PIPE PLUG assortment.
020-132	29	Metric socket SET SCREW assortment.

Utility Assortments

PART NO.	PIECES	DESCRIPTION
020-310	151	Forged steel WING NUT assortment.
020-312	495	Pan and oval slot head TAPPING SCREW assortment.
020-313	1000	COTTER PIN assortment.
020-319	116	SPRING PIN assortment.
020-321	120	Socket SET SCREW assortment.
020-326	105	NF CAP SCREW assortment.
020-327	105	NC CAP SCREW assortment.
020-328	36	Socket head CAP SCREW assortment.
020-329	48	Universal CLEVIS and COTTER PIN assortment.
020-330	140	Grade 5 plated CARRIAGE BOLT and NUT assortment.
020-338	105	HITCH PIN CLIP assortment.
020-339	505	LOCK WASHER assortment.
020-340	900	Internal and external tooth LOCK WASHER assortment.
020-341	370	S.A.E. WASHER assortment.
020-342	83	Extension and compression UTILITY SPRING assortment.
020-343	195	Large size COTTER PIN assortment.
020-344	66	Square head SET SCREW assortment.
020-347	133	NC and NF HEX NUT assortment.
020-352	379	Plain STEEL WASHER assortment.
020-353	500	Pan socket head TAPPING SCREW assortment.
020-354	460	Flat and round socket head WOOD SCREW assortment.

Master Assortments

PART NO.	PIECES	DESCRIPTION
020-600	850	Flat and round socket head WOOD SCREW assortment.
020-612	937	Pan, oval and hex slot head TAPPING SCREW assortment.
020-613	530	Pan and oval Phillips head TAPPING SCREW assortment.
020-614	210	WOODRUFF KEY assortment.
020-615	405	Hexagon head TAPPING SCREW and FENDER WASHER assortment.
020-617	1000	SPEE-DRILL SCREW assortment.
020-618	1230	COTTER PIN assortment.
020-619	1200	S.A.E. WASHER assortment.
020-620	1615	Plain STEEL WASHER assortment.
020-621	1257	LOCK WASHER assortment.
020-622	1367	BOLT-NUT-SCREW and WASHER assortment.
020-623	786	Round and oval Phillips head MACHINE SCREW and NUT assortment.
020-625	1370	Internal and external tooth LOCK WASHER assortment.
020-627	401	SNAP RING assortment.
020-629	166	Socket SET SCREW assortment.
020-630	—	DRAIN PLUG and GASKET assortment.
020-632	80	MANIFOLD STUD and NUT assortment.
020-633	110	Expansion FROST PLUG assortment.
020-636	82	Square head SET SCREW assortment.
020-637	250	Compression, extension and throttle UTILITY SPRING assortment.
020-640	140	Expansion FROST PLUG assortment.
020-641	78	CLEVIS PIN assortment.
020-642	275	SPRING PIN assortment.
020-646	208	Grade 5 plated, NF CAP SCREW assortment.
020-647	208	Grade 5 plated, NC CAP SCREW assortment.
020-648	376	NC and NF HEX NUT assortment.
020-660	1000	Pan socket head TAPPING SCREW assortment.
020-863	—	Brass SHIMSTOCK assortment
020-906	—	AXLE KEYSTOCK assortment

Extension Springs

•Clear zinc plated finish

PART NO.	O.D.	LENGTH	WIRE DIAMETER
24001	1/8"	1½"	0.015"
24005	5/32"	1½"	0.020"
24013	7/32"	1½"	0.023"
24019	1/4"	1½"	0.035"
24023	9/32"	1½"	0.025"
24025	5/16"	1½"	0.020"
24029	11/32"	1½"	0.028"
24031	7/16"	1½"	0.028"
24033	7/16"	1½"	0.047"
24051	1/8"	1⅞"	0.014"
24055	5/32"	1⅞"	0.020"
24063	7/32"	1⅞"	0.023"
24067	1/4"	1⅞"	0.020"
24069	1/4"	1⅞"	0.035"
24073	9/32"	1⅞"	0.025"
24077	11/32"	1⅞"	0.025"
24081	7/16"	1⅞"	0.028"
24083	7/16"	1⅞"	0.047"
24103	1/8"	2½"	0.018"
24105	5/32"	2½"	0.020"
24111	3/16"	2½"	0.025"
24115	1/4"	2½"	0.016"
24117	1/4"	2½"	0.020"
24119	1/4"	2½"	0.035"
24131	7/16"	2½"	0.028"
24133	7/16"	2½ "	0.047"
24135	7/16"	2"	0.062"
24139	7/16"	3½"	0.054"
24141	5/8"	2½"	0.072"
24143	9/16"	3"	0.054"
24155	5/16"	3"	0.028"
24157	1/4"	3¼"	0.025"
24161	7/16"	2¾"	0.034"
24163	7/16"	3½"	0.047"
24165	1/2"	1⅝"	0.080"
24171	3/4"	2"	0.105"
24173	3/4"	2¼"	0.105"
24175	3/4"	2-7/16"	0.105"
24177	3/4"	2⅜"	0.105"
24179	9/16"	2⅛"	0.072"
24181	5/8"	3¼"	0.072"
24183	9/16"	4"	0.047"
24185	3/4"	3½"	0.062"
24187	3/4"	2⅞"	0.105"
24189	3/4"	3⅛"	0.105"
24191	3/4"	3¾"	0.105"
24193	3/8"	4"	0.034"
24205	1/4"	5"	0.034"
24209	3/8"	4½"	0.028"
24215	3/8"	3¾"	0.041"
24219	15/32"	4½"	0.041"
24221	1/2"	4½"	0.062"
24223	1/2"	5"	0.072"
24227	11/16"	4¾"	0.091"
24231	9/16"	6"	0.072"
24233	1/4"	6"	0.034"
24235	5/16"	6"	0.028"
24239	3/8"	6½"	0.047"
24243	5/8"	6½"	0.054"
24251	1⅛"	16"	0.105"
24253	9/16"	16½"	0.054"
24257	13/16"	4½"	0.091"
24259	13/16"	4"	0.120"
24261	1-1/16"	5½"	0.120"
24263	7/8"	6"	0.091"
24265	1-1/16"	7"	0.105"
24267	1¼"	6½"	0.162"
24269	1"	7"	0.135"
24271	1-1/16"	8½"	0.080"
24273	1⅛"	8½"	0.148"
24275	1⅛"	7½"	0.091"
24277	3/4"	6½"	0.091"
24281	3/8"	5½"	0.062"
24285	3/8"	5"	0.034"
24287	5/16"	5"	0.031"
24289	5/16"	5"	0.034"
24293	3/8"	6¾"	0.062"
24301	1½"	11½"	0.135"
24303	1"	12"	0.105"
24307	1-1/16"	12"	0.135"
24311	7/16"	10¼"	0.041"
24313	1/2"	8½"	0.047"
24315	7/16"	8½"	0.047"
24317	5/8"	8½"	0.091"
24319	9/16"	8½"	0.054"
24321	5/8"	8½"	0.062"
24323	5/8"	8½"	0.080"
24325	7/8"	8½"	0.062"
24329	7/8"	8½"	0.105"
24333	7/8"	9"	0.135"
24337	1"	8½"	0.120"
24339	1¼"	10"	0.148"

Compression Springs

•Clear zinc plated finish

PART NO.	O.D.	LENGTH	WIRE DIAMETER
24500	5/32"	9/16"	0.023"
24510	1/4"	1/2"	0.035"
24516	5/32"	1"	0.011"
24520	3/16"	7/8"	0.016"
24526	3/16"	1"	0.028"
24530	7/32"	1"	0.020"
24532	3/16"	1"	0.013"
24550	3/16"	1"	0.016"
24554	1/4"	1"	0.020"
24556	5/16"	5/8"	0.026"
24562	1/4"	1"	0.035"
24566	3/8"	3/4"	0.032"
24570	1/8"	1⅜"	0.014"
24576	5/32"	1⅜"	0.016"
24578	3/16"	1¾"	0.013"
24580	3/16"	1⅜"	0.028"
24582	3/16"	1⅜"	0.016"
24600	7/32"	1⅜"	0.020"
24604	7/32"	1⅜"	0.023"
24608	1/4"	1⅜"	0.020"
24612	9/32"	1⅜"	0.028"
24614	5/16"	1¼"	0.041"
24624	3/8"	1⅛"	0.041"
24632	7/16"	1-1/16"	0.041"
24650	7/32"	1¾"	0.013"
24652	7/32"	1⅜"	0.028"
24660	5/16"	1¾"	0.016"
24664	11/32"	1½"	0.047"
24668	3/8"	1½"	0.026"
24672	3/8"	1¾"	0.035"
24676	7/16"	2⅛"	0.032"
24680	5/16"	2"	0.047"
24690	7/16"	2¼"	0.041"
24692	5/8"	1½"	0.041"
24700	1/2"	1"	0.062"
24702	9/16"	1"	0.054"
24704	1/2"	1½"	0.041"
24706	9/16"	1⅜"	0.072"
24712	11/16"	1¼"	0.092"
24714	3/8"	2¼"	0.062"
24720	1/2"	1¾"	0.062"
24722	1/2"	2"	0.047"
24724	7/16"	2"	0.054"
24730	13/32"	2¾"	0.047"
24736	1/2"	2¾"	0.072"
24740	5/8"	2½"	0.080"
24742	5/8"	2¾"	0.054"
24750	3/4"	2"	0.080"
24752	15/16"	2"	0.080"
24756	23/32"	3½"	0.041"
24766	9/16"	3"	0.054"
24768	13/16"	2¼"	0.105"
24782	5/8"	3"	0.080"
24792	7/8"	3"	0.105"
24802	1⅜"	4⅜"	0.148"
24806	1½"	3¼"	0.148"
24814	1⅜"	2½"	0.135"
24818	1⅛ "	4"	0.120"
24822	15/16"	4"	0.148"
24826	1"	3½"	0.120"
24830	1⅛"	3"	0.105"
24832	1"	3"	0.120"
24834	1-3/16"	2¾"	0.120"
24836	7/8"	4"	0.080"
24838	3/4"	3½"	0.080"
24850	5/8"	5"	0.091"
24856	3/4"	6"	0.091"
24858	11/16"	6"	0.072"
24864	7/8"	6"	0.091"
24874	1⅜"	6"	0.120"
24878	5/8"	9"	0.080"
24892	1⅛"	7"	0.162"
24900	1-9/16"	7¾"	0.227"

DYNALINE

S-HOOKS

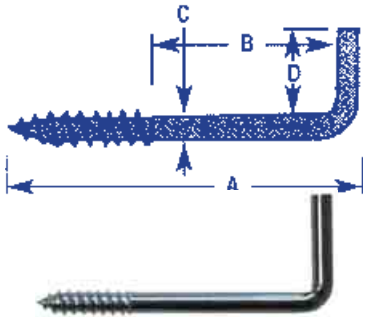
•Clear zinc plated

PART NO.	WIRE DIAMETER	LENGTH	WIDTH
66230	0.093"	7/8"	1/2"
66232	0.105"	1-3/32"	5/8"
66234	0.120"	1-5/16"	27/32"
66235	0.162"	1-1/2"	13/16"
66236	0.148"	2-1/8"	1-1/16"
66238	0.250"	2-5/8"	1-7/16"
66239	0.188"	2-7/8"	1-11/16"

CORNICE HOOKS

•Clear zinc plated

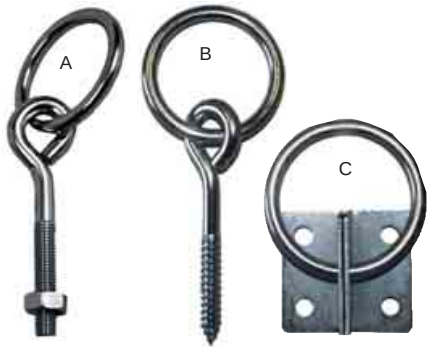
PART NO.	"A"	"B"	"C"	"D"
65041	2⅝"	1⅝"	0.190"	7/8"
65042	2¼"	1⅜"	0.158"	13/16"



MOUNTING RINGS

•Clear zinc plated

(A) Part No. 65172, 2" I.D. ring x 2½" eyebolt
(B) Part No. 65177, 2" I.D. ring x 4½" lag screw eyebolt
(C) Part No. 65178, 2" I.D. ring with 2¾" x 2-11/16" mounting plate (mounting holes are ¼" diameter)



BRONZE BUSHINGS

•Oil impregnated •SAE 841 designation

PART NO.	I.D. x O.D. x LENGTH
55300	1/4" x 5/16" x 3/4"
55301	1/4" x 3/8" x 1"
55302	1/4" x 7/16" x 1"
55303	1/4" x 1/2" x 1"
55304	5/16" x 3/8" x 1"
55305	5/16" x 7/16" x 1"
55306	3/8" x 1/2" x 1"
55307	3/8" x 5/8" x 1"
55308	3/8" x 3/4" x 1"
55309	7/16" x 9/16" x 1"
55310	7/16" x 5/8" x 1"
55311	1/2" x 5/8" x 1"
55312	1/2" x 11/16" x 1"
55313	1/2" x 3/4" x 1"
55314	1/2" x 13/16" x 1"
55315	1/2" x 7/8" x 1"
55316	9/16" x 3/4" x 1"
55317	9/16" x 13/16" x 1"
55318	5/8" x 3/4" x 1¼"
55319	5/8" x 13/16" x 1¼"
55320	5/8" x 7/8" x 1¼"
55321	5/8" x 1" x 1¼"
55322	3/4" x 7/8" x 1¼"
55323	3/4" x 15/16" x 1¼"
55324	3/4" x 1" x 1¼"
55325	13/16" x 1" x 1¼"
55326	7/8" x 1" x 1¼"
55327	7/8" x 1⅛" x 1¼"
55328	7/8" x 1¼" x 1¼"
55329	15/16" x 1¼" x 1¼"
55330	1" x 1¼" x 1½"
55331	1" x 1⅜" x 1½"
55332	1" x 1½" x 1½"
55333	1-1/16" x 1-5/16" x 1½"
55334	1⅛" x 1¼" x 1½"
55335	1⅛" x 1⅜" x 1½"
55336	1⅛" x 1½" x 1½"
55337	1-3/16" x 1-7/16" x 1½"
55338	1-3/16" x 1½" x 1½"
55339	1¼" x 1½" x 1½"
55340	1¼" x 1⅜" x 1½"
55341	1⅜" x 1⅜" x 1½"
55342	1⅜" x 1¾" x 1½"
55343	1-7/16" x 1¾" x 1½"
55344	1½" x 1¾" x 1½"
55345	1½" x 1⅞" x 1½"
55346	1⅜" x 2" x 1½"
55347	1¾" x 2" x 1½"
55348	1¾" x 2⅛" x 1½"
55349	2" x 2¼" x 1½"
55350	2" x 2⅜" x 1½"

D-RINGS

•Clear zinc plated

PART NO.	WIRE DIAMETER	FLAT I.D.	CROWN I.D.
66173	1/8"	1"	7/8"
66174	1/8"	1⅛"	7/8"
66175	9/64"	1-5/16"	1"
66176	5/32"	1⅜"	1⅛"
66178	5/16"	2"	1¾"
66179	3/8"	2"	1⅞"

SPLIT KEY RINGS

•Clear zinc plated finish

PART NO.	RING O.D.
66180	3/4"
66182	1"
66184	1-1/4"

WELDED STEEL RINGS

•Clear zinc plated finish

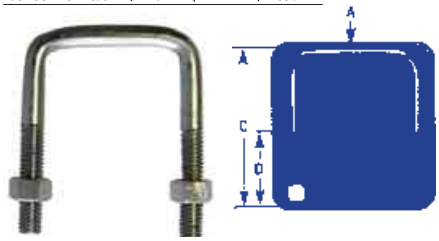
PART NO.	WIRE DIAMETER	RING DIAMETER	S.W.L.L.*
66410	1/4"	1"	325 lbs.
66411	5/16"	1⅛"	500 lbs.
66412	7/32"	2"	600 lbs.

*Never exceed the S.W.L.L. (Safe Working Load Limit)

SQUARE U-BOLTS

•Clear zinc plated •Supplied with nuts

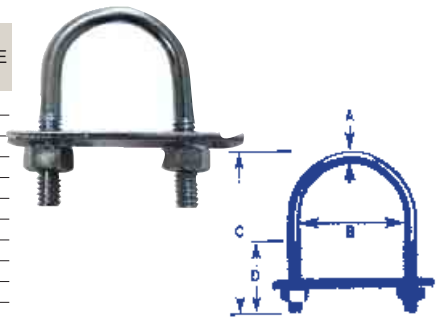
PART NO.	"A"	"B"	"C"	"D"
65181	3/8"	2"	3"	1½"
65182	3/8"	2"	5"	3"
65184	3/8"	4"	3"	1½"
65185	3/8"	4"	5"	3"
65187	3/8"	6"	5"	3"
65188	3/8"	6"	7"	3¾"



U-BOLTS

•Clear zinc plated finish •Supplied with plate and nuts

PART NO.	"A"	"B"	"C"	"D"	PLATE
65140	1/4"	1-1/8"	2"	1-1/4"	3/32"
65141	1/4"	1-3/8"	2-3/4"	1-3/4"	3/32"
65142	1/4"	2"	3-1/2"	1-3/4"	3/32"
65143	5/16"	1-3/8"	2-1/2"	1-1/4"	3/32"
65144	5/16"	1-3/8"	3-11/16"	2-3/8"	3/32"
65145	5/16"	1-3/4"	3"	1-1/2"	3/32"
65146	5/16"	1-3/4"	4-3/16"	2-1/2"	3/32"
65147	5/16"	2"	3"	1-1/2"	3/32"
65148	5/16"	2"	3-11/16"	2"	3/32"
65149	5/16"	2-1/2"	3-1/2"	1-1/2"	3/32"
65150	5/16"	2-1/2"	4-3/16"	2-1/4"	3/32"
65151	3/8"	2-1/2"	3-5/8"	1-3/4"	3/32"
65152	3/8"	3"	4-1/8"	1-3/4"	3/32"
65153	3/8"	3-1/2"	4-5/8"	2"	3/32"



DYNALINE

Your 100% Canadian Single Source!

VELCRO®
Hook & Loop Component Fasteners

Velcro® brand nylon fasteners consist of two mating components: hook and loop. The woven hook tape consists of minute, flexible "hooks" which engage with a mating loop tape comprised of small, soft "loops". When pressed together, the resulting closure is adjustable, highly secure and jam proof. To reopen (cycle), the closure is simply peeled apart. Velcro® brand woven hook and loop tapes are manufactured by a precise and refined weaving process which ensures uniformity of dimensions and construction.

Because you need a "hook" and a "loop" as described above for a complete fastening system, we offer both Velcro® components in 5 ft. sections or 25 yard rolls (except where otherwise noted). Depending upon the strength requirements for your application, "hook" components are available in three strengths. Each hook style will work with the Loop 1000 offered below. About the adhesive: the self adhesive components available below feature Spectrum™ (0172) which is an acrylic pressure sensitive adhesive for superior bond strength and which has a temperature operating range from 0°F to 225°F. Full bond strength in 24 hours.

HOOK COMPONENT: HOOK 88

•Black •Self adhesive
•Shear strength: 14 psi •Peel strength: 1.2 PIW •Tension: 6.5 psi •Cycle life: High

PART NO.		SIZE
5 ft. SECTION	25 YARD ROLL	
H88-5/8-5	H88-5/8-RL	5/8"
H88-1-5	H88-1-RL	1"
H88-1-1/2-5	H88-1-1/2-RL	1½"

Loop

Hook

HOOK COMPONENT: MVA #8

•Black •Self adhesive •For high strength applications
•Shear strength: 22 psi •Peel strength: 2.5 PIW •Tension: 12 psi •Cycle life: Low

PART NO.		SIZE
5 ft. SECTION	25 METRE ROLL	
MVA8-1-5	MVA8-1-RL	1"

HOOK COMPONENT: HOOK 706 (HTH 706)

•Black •Self adhesive •High strength with low cycles for industrial applications
•Shear strength: 32 psi •Peel strength: 3 PIW •Tension: 13 psi •Cycle life: Medium

PART NO.		SIZE
5 ft. SECTION	25 YARD ROLL	
H706-5/8-5	H706-5/8-RL	5/8"
H706-1-5	H706-1-RL	1"
H706-1-1/2-5	H706-1-1/2-RL	1½"

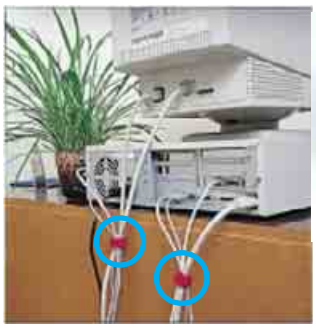
LOOP COMPONENT: LOOP 1000

•Black •Self adhesive

PART NO.		SIZE
5 ft. SECTION	25 YARD ROLL	
L1000-5/8-5	L1000-5/8-RL	5/8"
L1000-1-5	L1000-1-RL	1"
L1000-1-1/2-5	L1000-1-1/2-RL	1½"

Velcro® with adhesive back

One-Wrap® Self-Gripping Fasteners



A perfect replacement for cable ties — use these over and over! A strap with "hook" on one side and "loop" on the other: wrap it around itself for an effective yet removable tie strap.

•Cord and cable management •Automotive •Recreational accessories •Fibre optics •Toys and games •Sporting goods •Packaging •Medical devices. Patented One-Wrap® brand self-gripping fasteners offer a neat and secure fastening system that is both adjustable and reusable. These unique back-to-back fasteners can be cycled (opened and closed) hundreds of times.

•Black •Shear strength: 23 psi •Peel strength: 0.5 PIW

PART NO.		SIZE
5 ft. SECTION	25 YARD ROLL	
HTH888-1/2-5	HTH888-1/2-RL	1/2"
HTH888-5/8-5	HTH888-5/8-RL	5/8"
HTH888-1-5	HTH888-1-RL	1"

Velstrap Self-Gripping Straps W/Cinch Ring

Coil

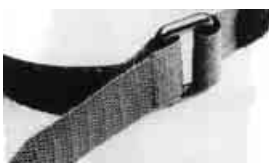
Wrap

Bundle

Fasten

Velstrap Self-Gripping Straps with Cinch Ring - A great strap for securing anything to anything. Be creative! Wrap it around itself for an effective yet removable strap.

•Replaces cable ties, bungee cords, snap straps, etc. •Ideal for wrapping up cords, rope, tarps, etc. •Secure items for transit •Holds any and all items securely •Available in pre-made straps from 10" to 100" •Black



Part No. VS10, 10" Velstrap
Part No. VS15, 15" Velstrap
Part No. VS20, 20" Velstrap
Part No. VS30, 30" Velstrap
Part No. VS40, 40" Velstrap
Part No. VS50, 50" Velstrap
Part No. VS70, 70" Velstrap
Part No. VS100, 100" Velstrap

Medflex Straps

MFS-16

MFSB-16

Medflex Straps - Flexible Velcro stretch strap that can be used to secure items.

•One common use is to wrap ankles to secure coveralls and pant legs from getting caught in heavy machinery •Medflex straps are 16" total length and 2" in width.
•Black

Part No. MFSB-16, 5"- hook component (up) with 11" strap with black buckle on end.
Part No. MFS-16, 5"- hook component (down) with 11" strap NO buckle on end.

Kit Assortments

102 Pc. BATTERY MAINTENANCE KIT
Includes an assortment of copper battery lugs, battery terminals. Heavy duty cable cutters, and battery post and terminal cleaner.
Part No. KIT1.

500 Pc. CLAMP KIT
Includes an assortment of nylon tube clamps, rubber covered tube clamps, vinyl covered tube clamps, and jiffy tube clamps. Also includes packs of white cable ties in sizes: 4", 7", and 11".
Part No. KIT2.

800 Pc. RIVET KIT
Includes an assortment of various sized rivets both in aluminum and steel. Also includes 1/8" and 3/16" backup washers.
Part No. KIT3.

451 Pc. RIVET KIT w/ TOOL
Includes an assortment of various sized rivets both in aluminum and steel. Includes a professional rivet tool for rivets up to 3/16".
Part No. KIT4.

72 Pc. SINGLE WALL SHRINK TUBING KIT
Includes an assortment of 1/8", 1/4", 3/16", 3/8", 1/2" black single wall shrink tubing. Also includes 3/8" red single wall shrink tubing.
Part No. KIT5.

36 Pc. DUAL WALL SHRINK TUBING KIT
Includes an assortment of 3/16", 1/4", 3/8", 1/2", 3/4" black dual wall shrink tubing. Also includes 1/2" red dual wall shrink tubing.
Part No. KIT6.

73 Pc. SINGLE WALL SHRINK TUBING KIT w/TORCH
Includes an assortment of 1/8", 1/4", 3/16", 3/8", 1/2" black single wall shrink tubing. Also includes 3/8" red single wall shrink tubing. Comes with flameless heat shrink torch.
Part No. KIT7.

37 Pc. DUAL WALL SHRINK TUBING KIT w/TORCH
Includes an assortment of 3/16", 1/4", 3/8", 1/2", 3/4" black dual wall shrink tubing. Also includes 1/2" red dual wall shrink tubing. Comes with flameless heat shrink torch.
Part No. KIT8.

61 Pc. AIRLINE/AIRBRAKE REPAIR KIT
Includes an assortment of common fittings for airline repair on both nylon synflex tubing and 3/8" rubber airline. Includes compression unions and connectors, precision grip tube fittings, union splicer fittings and replacement ferrules. Also contains both red and blue polyurethane gladhand seals.
Part No. KIT9.

66 Pc.TRANSMISSION FITTING KIT
Includes an assortment of common transmission and air shift fittings. Fittings may also be used on air ride seats.
Part No. KIT10.

310 Pc. GREASE FITTING KIT
Includes an assortment of 20 styles of common grease fittings. Various styles: 1/8 NPT, 1/4 NPT, 1/4-28, drive in, 90°, 45°, and straight fittings.
Part No. KIT11.

216 Pc. HYDRAULIC O-RING KIT
Includes an assortment of the most common o-rings for Aeroquip high pressure fittings: ORS, ORB, code 61 and code 62 flange o-rings. In an easy-to-carry case that opens for ease of use.
Part No. KIT12.

108 Pc. AEROQUIP CAP AND PLUG KIT
Includes an assortment of common sizes for ORB and JIC, plugs and caps.
Part No. KIT13.

6 Pc. ¼" DOUBLE CUT CARBIDE BURR KIT
Includes an assortment of ¼" double cut carbide burrs: SA cylinder shape, SB cylinder shape with end cut, SC cylinder shape with radius end, SF tree shape, SD ball shape, SM cone shape.
Part No. KIT14.

6 Pc. 3/8" DOUBLE CUT CARBIDE BURR KIT
Includes an assortment of 3/8" double cut carbide burrs: SA cylinder shape, SB cylinder shape with end cut, SC cylinder shape with radius end, SF tree shape, SG tree shape with pointed end, SL taper with radius end.
Part No. KIT15.

6 Pc. ½" DOUBLE CUT CARBIDE BURR KIT
Includes an assortment of ½" double cut carbide burrs: SA cylinder shape, SB cylinder shape with end cut, SC cylinder shape with radius end, SF tree shape, SG tree shape with pointed end, SL taper with radius end.
Part No. KIT16.

Your 100% Canadian Single Source!

Section I

MRO Equipment & Supplies

Look!
Fresh out of the crate!!
What's New In this Section?
We've highlighted new-product lines in this section with a "New" logo.
Please Note: Many existing product lines have been expanded and may not be listed on this quick index.
FRAGILE
HANDLE WITH CARE
Product Line
Lenox Solder & Accessories 156
Section I
Gregg Distributors Ltd.

COMFORT GRIP BLO-GUN
•Comfort grip squeeze handle allows variable air volume •Built in hang-up hole allows for easy storage •Angled brass nozzle allows easy access to hard to reach areas
Part No. S166, with 4" extension
Part No. S167, with 10" extension

Maximum working pressure: 142 PSI
SCFM 11.4 @ 100 PSI
¼" NPT air inlet
Plastic body

BRASS TIP BLO-GUN
•Small, lightweight design is convenient to use anywhere •Blo-gun has built in hang up hole
Part No. S173.

Maximum working pressure: 150 PSI
SCFM 13 @ 90 PSI
¼" NPT air inlet
Nylon body

RUBBER TIP BLO-GUN
•Adjustable air flow regulator allows variable air volume •Rubber tip won't mar delicate surfaces •Blo-gun has built in hang up hole
Part No. S174, with 4" extension

Maximum working pressure: 110 PSI
SCFM 13 @ 90 PSI
¼" NPT brass air inlet
Plastic body

SAFETY TYPE BLO-GUN
•Safety type metal tip allows air to escape if dead ended •Blo-gun has built in hang up hole
Part No. S175, with 4" extension

Maximum working pressure: 110 PSI
SCFM 13 @ 90 PSI
¼" NPT brass air inlet
Plastic body

BLO-GUN
•12" straight nozzle
Part No. S176.

Maximum working pressure: 125 PSI
SCFM 11 @ 90 PSI
¼" NPT brass air inlet
Nylon and fibreglass body

PLASTIC TIP BLO-GUN
•12" bent nozzle, plastic tip
Part No. S177.

Maximum working pressure: 125 PSI
SCFM 11 @ 90 PSI
¼" NPT brass air inlet
Nylon and fibreglass body

SAFETY BUTTON BLO-GUN
Streamlined shape comfortably fits the hand. SCFM 11.4 @ 100 psi. ¼" NPT air inlet; nozzle thread
5/16"-24.
Part No. 107.
Part No. S-107, Carded.

SAFETY LEVER BLO-GUN w/ HANG-UP HOOK
Heavy duty construction for extra service. Side hook design for easier hang-up. SCFM 10.6 @ 100 psi. ¼" NPT air inlet; nozzle thread 1/8"-27.
Part No. 120.
Part No. S-120, Carded.

BRASS BLO-GUN EXTENSIONS
Fit most Blo-Guns with nozzle thread size of 1/8" NPS (extension tubing
5/16" O.D.). Fit Milton Blo-Gun #120, S160, S165.
Part No. 122, 6" extension.
Part No. 123, 10" extension.

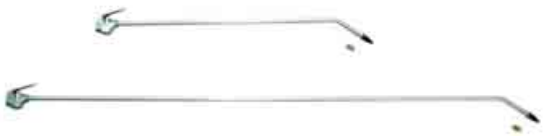
SAFETY BLO-GUN
Special internal design which allows maximum discharge of 30 psi. Four safety bypass holes permit air to escape if hole in tip is blocked. Inlet pressure of 150 psi. Extensions are ½" O.D. heavy duty brass tubing. ¼" NPT air inlet; nozzle 7/16"-27.
Part No. 131, With 4" extension, SCFM 5.5 @ 100 psi.
Part No. 133, With 10" extension, SCFM 4.5 @ 100 psi.
Part No. 134, With 15" extension, SCFM 4.5 @ 100 psi.

COMPACT SAFETY LEVER BLO-GUN
With easy to use hang-up hook and a non-safety rubber tip nozzle. ¼" NPT air inlet. Safety tip SCFM 11.7 @ 100 psi, non-safety tip SCFM 12.9 @ 100 psi.
Part No. S-148, Carded.

SAFETY BLO-GUN SUPER VOLUME
Special venturi holes greatly increase air volume for cleaning and drying — and allows air to escape for safety if end of extension is blocked. SCFM 23.6 @ 100 psi. Nozzle thread size ½"-27; ¼" NPT air inlet.
Part No. 149.

FULL FLOW SAFETY LEVER BLO-GUN
Lever easily controls air flow. A precision made instrument for automotive and industrial applications. SCFM 10.0 @ 100 psi; nozzle thread ½"-27. ¼" NPT air inlet.
Part No. 150.
Part No. S-150, Carded.

BLO-GUNS 1/4" NPT
Multi-function Blo-Guns include 2 nozzles, a safety and a non-safety rubber tip. 7/16"-27 nozzle thread. Safety tip SCFM 10.5 @ 100 psi, non-safety tip SCFM 11.6 @ 100 psi. Display packed.
Part No. 158, With 2 ft. aluminum extension.
Part No. 159, With 4 ft. aluminum extension.



PISTOL GRIP BLO-GUN
Fits right in the palm of your hand. ¼" NPT air inlet; nozzle thread
1/8"-27 NPS. SCFM 10.0 @ 100 psi.
Part No. S-160, Carded.

DELUXE MULTI-PURPOSE BLO-GUN
Four Blo-Guns in one, performs a multitude of jobs. Adjustable trigger for precise air control makes it ideal for sand blasting, spraying, cleaning, liquid transfer, and air broom drying. Made of durable Cycolac®.
1/4" NPT air inlet; all nozzles 1/8" NPS.
Handle provides storage for unused nozzles.
175 maximum psi. Depending on nozzle, SCFM 10.6 to 11.4 @ 100 psi.
Part No. S-165.

ADJUSTABLE POCKET BLO-GUN
E-Z-GRIP two finger air control adjusts from a mere whisper to full volume air flow. Specially designed knurled tip allows secure handling, even with oily or greasy hands. Maximum inlet pressure 150 psi; SCFM 15.9 @ 100 psi.
Part No. S-115, Fits all Milton "M" style or any 1/4" basic size industrial interchange coupler body; carded.

Part No. S-116, Fits all Milton "A" style or any 1/4" Aro (#210) style coupler body; carded.

Part No. S-118, Fits all Milton "L" style or any 1/4" size Lincoln coupler body; carded.

Air Accessories

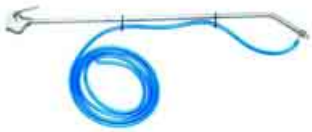
CONTROL VALVE
Lever control, two-way valve, zinc alloy body, stainless steel spring and pin, synthetic washer. For air, fluid, or vacuum lines. Female 1/4" NPT inlet x 1/4" NPT outlet. 150 psi maximum working pressure, 200°F maximum temperature.
Part No. 151.

RUBBER TIP BLO-GUNS
For positive leak-proof connection when blowing out any fluid lines. Rubber tip won't mar finishes. SCFM 11.4 @ 100 psi. 1/4" NPT air inlet.
Part No. S-153, Carded.
Part No. S-154, Bent tube, carded.

SIPHON SPRAY BLO-GUN
Great for degreasing engines and parts, spraying livestock, plants and flowers, etc.
1/4" NPT air inlet. SCFM 13.7 @ 100 psi.
Part No. S-156, Carded.

SIPHON SPRAY BLO-GUN KITS
Great for degreasing engines and parts, spraying livestock, plants and flowers, etc.
1/4" NPT air inlet.
Part No. S-157, Carded, with 8 ft. of tubing and vinyl storage pouch. SCFM 13.7 @ 100 psi.

Part No. 161, With 12 ft. of tubing and 2 ft. extension. SCFM 11.3 @ 100 psi.



AIR-N-WATER GUN
Uses compressed air to break water into minute, high velocity particles. Cleans with hot or cold liquids. Strong zinc alloy plated with a bright nickel chrome. Operating pressure from 75 psi to 250 psi. Water temperature up to 190°F. Can be used for a variety of jobs, even flushing radiators. With adjustable air valve knob to pre-set and maintain desired cleaning force at all times.
Part No. 171, Carded.

FILLER FAUCETS
Long flexible rubber spout, smooth flow, and positive lever control makes operation easier. Ruggedly built with stainless steel springs.
Part No. 208, With female garden hose thread.

Part No. 209, 1/4" NPT for use on small diameter hose used on wells and reels.

HANDY BEND WATER NOZZLES
Bend hose — water flows, release — water stops. Approximately 4" long. Female garden hose thread.
Part No. S-300, Carded.

VALVE CORES
Thread size .2108-36.
Part No. 404-100.
Part No. S-404, Card of 5.

MILTON INDUSTRIES, INC.

TUBELESS TIRE VALVES
Snap-in type construction. Made of ozone resistant rubber. Thread size .305-32.

PART NO. (Card of 2)	TR NO.	RIM HOLE DIAMETER	EFFECTIVE LENGTH
S-413	TR413	.453"	1¼"
S-414	TR414	.453"	1½"
S-415	TR415	5/8"	1¼"
S-418	TR418	.453"	2"

S-413 S-415 S-418

VALVE CAPS
Thread size .305-32.

Part No. 434, Valve cap, nickel plated, heavy knurl, heat resistant sealing washer.
Part No. 435, Valve cap, hex head, brass, chrome plated.
Part No. S-435, Same as #435, card of 4.
Part No. 437, Valve cap, screwdriver type, brass, nickel plated.
Part No. S-437, Same as #437, card of 5.
Part No. 439, Valve cap, dome type, plastic.
Part No. S-439, Same as #439, card of 5.

434 435 437 439

TRUCK VALVE EXTENSIONS
Nickel plated brass, and nickel plated long skirt. High heat cap.
Part No. 440, 1-3/8" effective length.
Part No. 440-1, 2¼" effective length.
Part No. 440-2, 3-1/16" effective length.
Part No. 440-3, 3-11/16" effective length.
Part No. 440-4, 4-1/8" effective length.
Part No. 440-5, 5½" effective length.

BRASS VALVE EXTENSIONS
Dust cover design allows pressure check, inflation or deflation without removing cap. Threaded for valve caps and/or wheel cover locks. 1¼" effective length.
Part No. S-442, Card of 4.

VALVE CORE TOOL
For removal and insertion of valve cores. One end for large bore valve cores, one end for standard valve cores.
Part No. 444.
Part No. S-444, Carded.

VALVE REPAIR TOOL
4 in 1 tool. Rethread inside and outside of valve stem, insert, tighten or remove valve core (with guide which slips over stem). Allows removal of valve cores even if shoulders are broken. Steel plated.
Part No. 445.
Part No. S-445, Carded.

TIRE TREAD DEPTH GAUGE
Round aluminum indicator bar calibrated for 0 to 1" in 1/32" markings. Handy pocket clip.
Part No. 448.
Part No. S-448, Carded.

VALVE INSERTION TOOL
For the installation or removing of snap-in type tubeless tire valves.
Part No. S-449.

PLASTIC EXTENSIONS
Lightweight construction does not affect wheel balance. Extends valve through hole in cover for ease in inflating or checking pressure.
Part No. 451, 3/4" effective length.
Part No. S-451, Same as #451, card of 4.

Part No. 452, 1¼" effective length.
Part No. S-452, Same as #452, card of 4.

Part No. 453, 1½" effective length.
Part No. S-453, Same as #453, card of 4.

Part No. 454, 2" effective length.
Part No. S-454, Same as #454, card of 4.

TRUCK & BUS CLAMP-IN TUBELESS VALVE
Straight clamp-in type valves for 5/8" side hole mounting. For demountable and non-demountable rims. No special tools needed to install.

PART NO.	TR NO.	EFFECTIVE LENGTH
482	501	1-21/32"
484	570	3-9/32"
485	572	3-29/32"
486	573	4-17/32"

MILTON INDUSTRIES, INC.

TUBELESS VALVE
Used in drop centre aluminum disc wheels with 5/8" bottom valve hole.
Part No. 492.

LARGE BORE VALVE CORE
TR-C2 valve core, short type. .302-32 thread.
Part No. 1455.

LARGE BORE VALVE CAP
TR-VC7 hex head valve cap.
Part No. 1457.

LARGE BORE ADAPTER
TR-AD1 large bore adapter reduces large bore to standard bore. .302-32 thread, complete with gasket.
Part No. 1460.

LARGE BORE AIR CHUCKS & REPAIRING TOOL
Part No. 1470, 1/4" female NPT lock-on chuck.
Part No. 1471, 1/4" female NPT long handle air chuck - straight push-on type with 5-1/8" handle.
Part No. 1472, 1/4" female pipe thread dual foot air chuck - for both standard and large bore valves, 9" handle.
Part No. 1496, 1/4" female NPT Kwik-Grip safety air chuck for large bore.

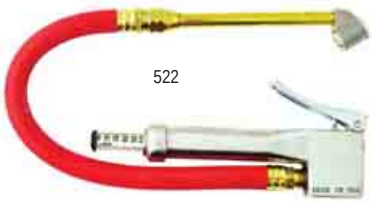
1470

1471

1496

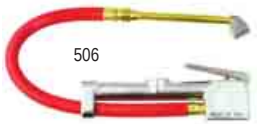
BAYONET AIRLINE GAUGE
Full range 10 lbs. to 120 lbs., lever action. Easy to read large black numbers on jumbo white nylon indicator bar. Valve and gauge are combined in one replacement cartridge.
Part No. 522, With dual head (truck) chuck.
Part No. S-522, Carded.
Part No. 523, Chuck clip with single head chuck (3 ft. hose).

Replacement Parts:
Hose whip assembly complete (dual head chuck, 12" hose, 1/4" NPT).
Part No. 527.



522

WINDOW INFLATOR GAUGES
Heavy duty to withstand everyday use and abuse and provide long service life. A magnifying lens allows full view of scale. 10 lbs. to 120 lbs. in 2 lb. increments.
Part No. 506, Gauge complete, dual head chuck (full swivel).
Part No. S-506, Same as #506, carded.



506

Part No. 516, Gauge complete, dual head straight foot chuck for inner duals with lock on threads, both ends (full swivel).
Part No. S-516, Same as #516, carded.

516

For High Pressure Truck Tires:
10 lbs. to 160 lbs. in 2 lb. increments with a 5 ft. hose that has a dual head lock-on straight foot chuck for the newer inner duals with lock-on threads, both ends (full swivel). Built-in deflator to relieve excess pressure.
Part No. 501.

REPLACEMENT PARTS FOR INFLATOR GAUGES:
Hose whip assembly complete (dual head chuck, 15" hose, 3/8"-24 thread).
Part No. 509.

509

Dual head chuck assembly (free flowing for tire gauges only).
Part No. 500-4.

Dual head chuck washer and straight head chuck washer (standard size).
Part No. 500-6.

Grip chuck clip with air chuck, female 1/4" NPT (free flowing for use on tire changers), non-sealing.
Part No. 598.

500-4

598

501

Air Accessories

BRASS HOSE ENDS

Male hose end, 1/4" I.D. hose x 1/4" NPT.
Part No. S-600, Card of 2.

Male hose end, 3/8" I.D. hose x 1/4" NPT.
Part No. 602.
Part No. S-602, Card of 2.

BRASS HOSE MENDERS

Part No. S-640, Card of 2, 1/4" I.D. hose both ends.
Part No. S-641, Card of 2, 5/16" I.D. hose both ends.
Part No. S-642, Card of 2, 3/8" I.D. hose both ends.

INLINE LUBRICATOR

Gives your pneumatic tools full protection by properly metering correct amount of oil going to tool. 1/4" male NPT x 1/4" female NPT.
Part No. S-639, Carded.

INLINE AIR FLOW REGULATORS

To control air pressure to air tools. Go from full flow to complete shut-off. Can also be used as a shut-off valve for air and non-corrosive liquids.
Part No. S-638, Carded, 1/4" female NPT x 1/4" male NPT.
Part No. S-638-1, Carded, 1/4" female NPT x 1/4" male NPT w/ gauge.
Part No. 638-7, Gauge, 0 - 160 psi, 1/8"-27 male NPT.

S-638

S-638-1

INLINE AIR TOOL FILTER

A compact, effective way to protect air operated tools and equipment. Sintered bronze filter removes rust, pipe scale, dirt, and other contaminants with minimum pressure drop. 1/4" NPT.
Part No. S-637, Carded.

FULL SWIVEL HOSE ENDS

Full 360° swivel hose ends help eliminate kinked and twisted air line. Higher CFM than other swivel hose ends. Steel construction, black oxide finish.
Part No. S-658-1, Carded, male 1/4" NPT hose end, swivel barb, 3/8" I.D. hose.

Part No. 659, Male 1/4" NPT x 1/4" NPT female swivel hose end.

1/4" AIR HOSE SWIVEL CONNECTOR

Perfect for attaching portable air tools to air line. 360° swivel at two places keeps hose from kinking and getting in the way. Not for use with percussion tools; do not exceed 150 psi. Aluminum.
Part No. S-657, Carded.

MILTON INDUSTRIES, INC.

AIR CHUCKS

Sealing type chucks — not to be used with inflator gauges.

Dual head chuck, 1/4" female NPT.
Part No. 690.
Part No. S-690, Carded.

690

Straight head air chuck, 1/4" female NPT.
Part No. 691.

691

Dual head straight foot air chuck for inner duals, with lock-on threads both ends, 1/4" NPT.
Part No. 693.
Part No. S-693, Carded.

693

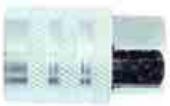
Female air chuck, 1/4" NPT.
Part No. 699.
Part No. S-699, Carded.

699

SAFETY GRIP AIR CHUCKS

Sealing type chucks — not to be used with inflator gauges.

Kwik-Grip safety air chuck, 1/4" NPT.
Part No. S-696, Carded.



S-696

Chuck clip with 1/4" barb (European style) for 1/4" I.D. hose.
Part No. 697.

697

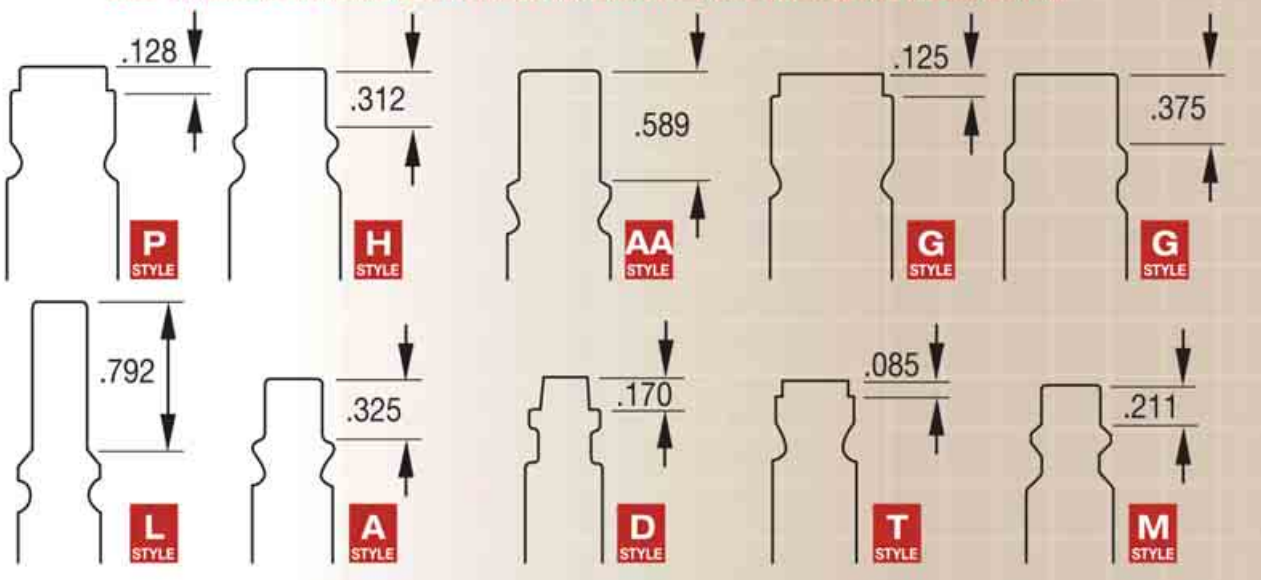
Chuck clip with female air chuck, 1/4" NPT.
Part No. 698.
Part No. S-698, Carded.

698

TANK/SAFETY VALVES

Part No. 684, 1/8" NPT male tank valve.
Part No. S-684, Same as #684, card of 2.
Part No. 684-4, 1/4" NPT male tank valve.

USE THESE FULL-SIZE DRAWINGS TO IDENTIFY AN UNKNOWN PLUG STYLE



"M" STYLE "KWIK-CHANGE" COUPLERS & PLUGS — 1/4" BASIC SIZE

Industrial interchange series. "M" style bodies are brass, with brass sleeves. All "M" style plugs are case hardened steel. These couplers are for use with shop air only. Specifications: All 1/4", 3/8", and 1/2" maximum inlet pressure is 300 psi. Buna-N seals.

COUPLER ASSEMBLY

Kwik-Change coupler assembly consists of one #715 and one #727.
Part No. 711.
Part No. S-711, Carded.

COUPLERS

Part No. 715, Female coupler, 1/4" NPT.
Part No. S-715, Same as #715, carded.
Part No. 716, Male coupler, 1/4" NPT.
Part No. S-716, Same as #716, carded.
Part No. 718, Female coupler, 3/8" NPT.
Part No. 719, Male coupler, 3/8" NPT.
Part No. 713, Female coupler, 1/4" NPT, with case hardened steel drag guard.
Part No. 714, Male coupler, 1/4" NPT, with case hardened steel drag guard.
Part No. 717-6, Hose barb, 3/8" NPT, with case hardened steel drag guard.
Part No. 755, Female push-type coupler with steel sleeve, 1/4" NPT.
Part No. S-755, Same as #755, carded.
Part No. 756, Male push-type coupler with steel sleeve, 1/4" NPT.

PLUGS

Part No. 726, Male plug, 1/8" NPT.
Part No. 727, Male plug, 1/4" NPT.
Part No. S-727, Same as #727, card of 2.
Part No. 728, Female plug, 1/4" NPT.
Part No. S-728, Same as #728, card of 2.
Part No. 732, Female plug, 3/8" NPT.
Part No. 733, Male plug, 3/8" NPT.
Part No. 736, Hose barb, 1/4" NPT.
Part No. 736-6, Hose barb, 3/8" NPT.

"G" STYLE COUPLERS & PLUGS — 1/2" BASIC SIZE

Industrial interchange series. "G" style coupler bodies are heavy duty steel and plugs are case hardened steel. Treated to resist rust. These 1/2" basic size bodies work with either industrial interchange or Tru-Flate/Parker style plugs. These couplers are for use with shop air only. Specifications: All 1/4", 3/8", and 1/2" maximum inlet pressure is 300 psi. Buna-N seals.

COUPLERS

Part No. 1813, Female coupler, 3/8" NPT.
Part No. 1814, Male coupler, 3/8" NPT.
Part No. 1815, Female coupler, 1/2" NPT.
Part No. S-1815, Same as #1815, carded.
Part No. 1816, Male coupler, 1/2" NPT.
Part No. S-1816, Same as #1816, carded.

PLUGS

Part No. 1855, Male plug, 1/4" NPT.
Part No. 1859, Male plug, 3/8" NPT.
Part No. 1860, Female plug, 3/8" NPT.
Part No. 1857, Male plug, 1/2" NPT.
Part No. 1858, Female plug, 1/2" NPT.

"H" STYLE COUPLERS & PLUGS — 3/8" BASIC SIZE

Industrial interchange series. "H" style coupler bodies are heavy duty steel and plugs are case hardened steel. Treated to resist rust. These couplers are for use with shop air only. Specifications: All 1/4", 3/8", and 1/2" maximum inlet pressure is 300 psi. Buna-N seals.

COUPLERS

Part No. 1833, Female coupler, 1/4" NPT.
Part No. S-1833, Same as #1833, carded.
Part No. 1834, Male coupler, 1/4" NPT.
Part No. 1835, Female coupler, 3/8" NPT.
Part No. S-1835, Sames as #1835, carded.
Part No. 1836, Male coupler, 3/8" NPT.
Part No. 1836-6, Hose barb, 3/8" NPT.

PLUGS

Part No. 1839, Male plug, 1/4" NPT.
Part No. S-1839, Same as #1839, card of 2.
Part No. 1840, Female plug, 1/4" NPT.
Part No. 1837, Male plug, 3/8" NPT.
Part No. S-1837, Same as #1837, card of 2.
Part No. 1838, Female plug, 3/8" NPT.
Part No. S-1838, Same as #1838, card of 2.
Part No. 1837-6, Hose barb, 3/8" NPT.

"T" STYLE COUPLERS & PLUGS — 1/4" BASIC SIZE

Tru-Flate/Parker Style interchange series. "T" style coupler bodies are brass with steel sleeves; plugs are case hardened steel and treated to resist rust. These couplers are for use with shop air only. Specifications: All 1/4", 3/8", and 1/2" maximum inlet pressure is 300 psi. Buna-N seals.

COUPLERS

Part No. 785, Female coupler, 1/4" NPT.
Part No. S-785, Same as #785, carded.
Part No. 786, Male coupler, 1/4" NPT.
Part No. 787, Female coupler, 1/4" NPT (sleeve ring).

PLUGS

Part No. 783, Male plug, 1/4" NPT.
Part No. S-783, Same as #783, card of 2.
Part No. 784, Female plug, 1/4" NPT.

MILTON INDUSTRIES, INC.®

"P" STYLE COUPLERS & PLUGS — 3/8" BASIC SIZE

Tru-Flate/Parker Style interchange series. "P" style coupler bodies are heavy duty steel; plugs are case hardened steel and treated to resist rust. These couplers are for use with shop air only. Specifications: All 1/4", 3/8", and 1/2" maximum inlet pressure is 300 psi. Buna-N seals.

COUPLERS

Part No. 1803, Female coupler, 1/4" NPT.
Part No. S-1803, Same as #1803, carded.
Part No. 1804, Male coupler, 1/4" NPT.
Part No. 1805, Female coupler, 3/8" NPT.
Part No. S-1805, Same as #1805, carded.
Part No. 1806, Male coupler, 3/8" NPT.
Part No. 1806-6, Hose barb, 3/8" NPT.

PLUGS

Part No. 1809, Male plug, 1/4" NPT.
Part No. S-1809, Same as #1809, card of 2.
Part No. 1810, Female plug, 1/4" NPT.
Part No. S-1810, Same as #1810, card of 2.
Part No. 1807, Male plug, 3/8" NPT.
Part No. S-1807, Same as #1807, card of 2.
Part No. 1808, Female plug, 3/8" NPT.
Part No. S-1808, Same as #1808, card of 2.
Part No. 1807-6, Hose barb, 3/8" NPT.

1803/1805 1804/1806 1806-6

1807/1809 1808/1810 1807-6

"G" STYLE COUPLERS & PLUGS — 1/2" BASIC SIZE

Tru-Flate/Parker Style interchange series. "G" style plugs are case hardened steel and treated to resist rust. These couplers are for use with shop air only. Specifications: All 1/4", 3/8", and 1/2" maximum inlet pressure is 300 psi. Buna-N seals.

PLUGS

Part No. 1819, Male plug, 3/8" NPT.
Part No. 1820, Female plug, 3/8" NPT.
Part No. 1817, Male plug, 1/2" NPT.
Part No. S-1817, Same as #1817, carded.
Part No. 1818, Female plug, 1/2" NPT.
Part No. S-1818, Same as #1818, carded.

1817/1819 1818/1820

"A" STYLE COUPLERS & PLUGS — 1/4" BASIC SIZE

Aro style interchange series. "A" style couplers are made of heavy duty steel; plugs are case hardened steel treated to resist rust. Push type — body engages automatically. These couplers are for use with shop air only. Specifications: All 1/4", 3/8", and 1/2" maximum inlet pressure is 300 psi. Buna-N seals.

COUPLERS

Part No. 775, Female coupler, 1/4" NPT.
Part No. S-775, Same as #775, carded.
Part No. 776, Male coupler, 1/4" NPT.

PLUGS

Part No. 777, Male plug, 1/4" NPT.
Part No. S-777, Same as #777, card of 2.
Part No. 778, Female plug, 1/4" NPT.
Part No. S-778, Same as #778, card of 2.

775 776

777 778

"AA" STYLE COUPLERS & PLUGS — 3/8" BASIC SIZE

Aro style interchange series. "AA" style couplers are made of heavy duty steel; plugs are case hardened steel treated to resist rust. Push type — body engages automatically. These couplers are for use with shop air only. Specifications: All 1/4", 3/8", and 1/2" maximum inlet pressure is 300 psi. Buna-N seals.

COUPLERS

Part No. 1875, Female coupler, 3/8" NPT.

PLUGS

Part No. 1877, Male plug, 3/8" NPT.
Part No. 1878, Female plug, 3/8" NPT.

1875

1877 1878

"L" STYLE COUPLERS & PLUGS — 1/4" BASIC SIZE

Lincoln style interchange series. "L" style couplers are made of heavy duty steel; plugs are case hardened steel treated to resist rust. Push type — body engages automatically. These couplers are for use with shop air only. Specifications: All 1/4", 3/8", and 1/2" maximum inlet pressure is 300 psi. Buna-N seals.

COUPLERS

Part No. 790, Female coupler, 1/4" NPT.
Part No. S-790, Same as #790, carded.

PLUGS

Part No. 791, Male plug, 1/4" NPT.
Part No. S-791, Same as #791, card of 2.
Part No. 792, Female plug, 1/4" NPT.
Part No. S-792, Same as #792, card of 2.

790

791 792

"D" STYLE COUPLERS & PLUGS — 1/4" BASIC SIZE

Diamond-U style interchange series. "D" style couplers are made of heavy duty steel; plugs are case hardened steel treated to resist rust. These couplers are for use with shop air only. Specifications: All 1/4", 3/8", and 1/2" maximum inlet pressure is 300 psi. Buna-N seals.

COUPLERS

Part No. 795, Female coupler, 1/4" NPT.
Part No. 796, Male coupler, 1/4" NPT.

PLUGS

Part No. 797, Male plug, 1/4" NPT.
Part No. 798, Female plug, 1/4" NPT.

795 796

797 798

MILTON® INDUSTRIES, INC.

6" DRIVEWAY SIGNAL BELL

Great for service stations, motels, drive-in banks, etc. Operates with up to 300 ft. of signal hose.
Part No. 805.

DRIVEWAY SIGNAL HOSE

Deluxe driveway signal hose, 3/8" I.D. x 50 ft. length.
Part No. 838.

DIAL TYPE TIRE GAUGES

Designed to stay accurate. Rugged bronze bourdon tube — precision made, full geared brass movement. 2" face, easy to read dial with unbreakable crystal. Holds pressure until released. Angled single head chuck.
Part No. S-901, Carded, 0 - 15 psi in 1/2 lb. increments.
Part No. S-902, Carded, 0 - 60 psi in 1 lb. increments.
Part No. S-903, Carded, 0 - 160 psi in 2 lb. increments.

NYLON PENCIL TYPE TIRE GAUGES

Part No. S-911, Carded passenger car tire gauge, flat bar marked 5 to 50 psi in 1 lb. increments on both sides, for radial and conventional tires.
Part No. S-914, Carded tire gauge for bicycles, RVs and trucks, flat bar marked in 2 lb. increments 20 to 120 psi on both sides.
Part No. S-920, Carded pencil type gauge. Designed for newer higher pressure automobile tires including the 60 psi mini spare tires. Comes with a unique built-in tread depth gauge in 1/16" increments which can be used for detecting mis-aligned, cupped, unbalanced, or abnormally worn tires. Two sides, 10 to 70 psi in 2 lb. increments, and two sides 60 to 500 kPa units.
Part No. S-917, Carded low pressure gauge, calibrated two sides from 2 to 20 lbs. in 1 lb. units and two sides 20 to 140 kil Pascals (kPa). Ideal for use on ATVs, golf carts, air springs, etc.
Part No. S-921, Carded radial and conventional passenger tire gauge, 2 sides 5 to 50 psi in 1 lb. increments and 2 sides kPa 40 to 350 in 10 kPa increments.
Part No. S-923, Carded radial and conventional straight chuck passenger car tire gauge, ideal for gauging tires with decorative wheel covers. 2 sides 5 to 50 psi in 1 lb. increments and 2 sides kPa 40 to 350 in 10 kPa increments.
Part No. S-925, Carded tire gauge for bicycles, RVs, and trucks, 2 sides 20 to 120 psi in 2 lb. increments and 2 sides kPa 120 to 820 in 20 kPa increments.
Part No. S-927, Carded dual chuck truck tire gauge, 2 sides 20 to 120 psi in 2 lb. increments and 2 sides kPa 120 to 820 in 20 kPa increments.
Part No. S-928, Carded tractor tire gauge (for use on air/water filled tires) calibrated 2 sides from 5 to 50 psi in 1 lb. units and 2 sides kPa 40 to 350 in 10 kPa increments.

S-911

S-914

S-920

S-921

S-925

S-927

S-928

SERVICE GAUGES

Easy to read nylon indicator bar. Calibrated two sides from 10 to 160 lbs. in 2 lb. units and two sides from 80 to 1100 kPa in 20 kPa units, red marker.
Part No. 976, Regular extension service gauge (D.H. chuck).
Part No. S-976, Same as #976, carded.
Part No. S-986, Carded regular extension service gauge (D.H. chuck with straight foot for the newer style inner duals).
Part No. 982, Regular extension service gauge (large bore D.H. chuck).

976

S-986

MILTON® INDUSTRIES, INC.

PIGGYBACK FILTER/REGULATOR

Metal bowl, automatic overnight drain, non-rising adjustment, 3 position knob. Complete with 40 micron filter element. Maximum inlet pressure: 250 psi; maximum temperatures up to 120°F. 3/8" NPT. Gauge not included.
Part No. 1110.

MICRO FILTER

Supplied with standard 40 micron filter element and automatic overnight drain. For the efficient removal of harmful foreign matter such as condensed moisture, pipe scale, dirt, and rust from the air stream. Polycarbonate bowl with metal bowl guard; 1/4" NPT filter with 5 oz. capacity bowl. Maximum pressure 150 psi, temperature 125°F.
Part No. 1018.

MINI PIGGYBACK F-R DUO

Complete with a 20 micron screw-in filter. Operating range in pressures to 150 psi at temperatures up to 120°F, 0 - 125 psi relieving model standard. 1/4" NPT. With 0 - 160 psi gauge.
Part No. S-1142, Carded.

MINI MICRO FILTER

Miniature filter offers premium quality performance over low flow applications where absolute dimensions are required. Ideal for use with small pneumatic equipment, instruments and miniature valving. Operating range: pressures to 150 psi at temperatures up to 120°F.
1/4" NPT with 20 micron element, polycarbonate bowl.
Part No. S-1144, Carded.

MINI HEAVY DUTY REGULATOR

Ideal for use with small instruments, pneumatic equipment and miniature valving where air flow requirements call for a compact unit. Regulator has 1/8" NPT gauge ports. Operating range in pressures to 250 psi at temperatures up to 120°F. 0 - 125 psi relieving model standard. Gauge not included.
Part No. S-1145, Carded.

MINI IN-LINE DESICCANT DRYER

Lightweight, 2 oz. Unit is 3-3/4" x 1-1/2" with male and female 1/4" NPT ports. Chemical resistant material. Maximum flow capacity 15 SCFM, maximum temperature 130°F, maximum pressure 125 psi. Housing made of ULTEM (registered trademark of G.E.) resin — a clear non-metallic, highly chemical resistant material.
Part No. S-1173, Carded.

MILTON INDUSTRIES, INC.®

SNAP-IN VALVES FOR .453" RIM HOLES

Part No. 30-413-500, TR413, 1¼" effective length.
Part No. 30-414-500, TR414, 1½" effective length.
Part No. 30-418-500, TR418, 2" effective length.
Part No. 30-423-500, TR423, 2½" effective length.

30-413-500

30-414-500

30-418-500

30-423-500

SNAP-IN VALVES FOR .625" RIM HOLES

Part No. 30-415-500, TR415,
1-1/4" effective length.

Part No. 30-425-500, TR425, 2" effective length.

TUBE TYPE PASSENGER VALVES

Special compound cushion gum base allows bonding of valve to the tube using hot or cold (chemical bond).
Part No. 31-013-5, TR13, 1-3/8" effective length, .406 shank diameter.

Part No. 31-015-5, TR15, 1-3/8" effective length, .651 shank diameter.

Part No. 31-251-5, TR25,
1-15/16" effective length, .651 shank diameter.

TANK VALVES

Use with compressed air tanks for rapid filling or deflation of air tanks and air lines. Maximum pressure 200 psi. Includes cap and core.

Part No. 38-900, Bridgeport, carded, 1/8" NPT, 29/32" effective length.

Part No. 701-2D, Amflo, 1/4" NPT, 3/4" effective length.

38-900

701-2D

STANDARD TRUCK EXTENSIONS

Screws onto standard .305"-32 valve cap threads to make valve mouth more accessible for air service.
Part No. 38-430-10, 3-1/16".
Part No. 38-432-10, 6-1/16".
Part No. 38-436-10, 5-1/16".
Part No. 38-474-10, 4-7/16".

38-430-10

DUAL WHEEL VALVE EXTENSION

Rubber 6.3" flexible extension provides easy access to inner dual wheels on motor homes and other vehicles with small dual wheels. Includes clamp to secure hose to wheel. Installs in minutes.
Part No. 38-400, Card of 2.

STRAIGHT CLAMP-IN TRUCK & BUS VALVES

For use in one piece drop centre rims with 5/8" diameter side mount valve holes.
Part No. 32-201-100, TR570,
3-1/8" effective length.

Part No. 32-202-100, TR571,
3-3/8" effective length.

Part No. 32-203-100, TR572,
3-3/4" effective length.

Part No. 32-204-100, TR573,
4-3/8" effective length.

Part No. 32-208-100, TR574, 5" effective length.

TUBELESS SINGLE BEND CLAMP-IN VALVE

For one piece drop centre aluminum disc wheels with 5/8" rim holes. 90° bend.
Part No. 32-309-10, TR509,
4-3/4" effective length.

Part No. 32-310-10, TR510,
5-1/2" effective length.

IMPORT TRUCK TUBELESS VALVES (ETRO)

Used on Volvo, Mack, and Iveco imported trucks. Fits .382 diameter (9.7 mm) rim hole. Includes o-ring, nut, core, and cap.
Part No. 32-608-10, Michelin #1485, Etro #V3-20-4.

Part No. 32-612-10, Michelin #1437, Etro #V3-20-6.

METAL & PLASTIC VALVE EXTENSIONS

Part No. 38-314-500, Chrome plated brass 3/4" extension.
Part No. 38-315-500, Chrome plated brass 1¼" extension.
Part No. 38-324-500, Black plastic 3/4" extension.
Part No. 38-325-500, Black plastic 1¼" extension.
Part No. 38-326-500, Black plastic 1½" extension.

38-314-500

38-315-500

38-324-500

38-325-500

38-326-500

Air Accessories

VALVE CORES & CAPS

Part No. 38-505-500, TRVC-8 plastic valve cap.

Part No. 38-600-100, TRVC-2 nickel plated core extractor cap.

Part No. 38-712-100, High heat hex cap, chrome plated for high performance use.

Part No. 38-772-100, TRVC-3 high heat dome cap, nickel plated brass.

Part No. 38-790-100, TRC-1 standard valve core. For use in high or low temperature applications.

38-600-100

38-712-100

38-772-100

38-790-100

PLASTIC RIM NUT

Used with air/liquid tire valves.
Part No. 34-282-25.

CORE HOUSING

TR-CH-1. Screws onto base of old TR218 and TR220 tube valves.
Part No. 34-952-10.

CORE HOUSING

TRCH3. Screws into body of air/liquid valves.
Part No. 34-963-10.

PSI/METRIC POCKET GAUGE

Calibrated from 10 to 75 psi in 1 psi increments and 70 to 500 in kPa increments. Chrome plated barrel and nylon indicator bar.
Part No. 40-401, Carded.

STRAIGHT-ON POCKET GAUGE

Calibrated from 10 to 50 psi in 1 psi increments. Silver anodized barrel with push-on head and nylon indicator bar.
Part No. 40-408, Carded.

LOW PRESSURE GAUGE

Use with air shocks and low pressure tires. Calibrated from 1 to 20 psi in 1/2 psi increments. Nylon indicator bar and anodized barrel.
Part No. 40-399, Carded.

TREAD DEPTH GAUGE

With steel indicator bar. Calibrated from 0 to 1" in 1/32". With pocket clip.
Part No. 40-395, Carded.

TRUCK & BUS PRESSURE GAUGE

Popular heavy duty gauge with dual foot chuck. Calibrated 10 to 150 psi in 2 psi increments on nylon bar.
Part No. 40-403.

HIGH PRESSURE TRUCK GAUGE

Calibrated 20 to 120 psi in 2 psi increments and kPa. Silver anodized finish.
Part No. 40-406.

VALVE CORE EXTRACTOR WITH PLASTIC HANDLE

Part No. 41-444, Carded.

VALVE FISHING TOOL

Centres valve in rim hole while mounting tires. For use on .453" and .625" rim holes.
Part No. 41-466, Carded.

STRAIGHT-ON TAPERED CHUCK INFLATOR

With 12" hose. Standard unit for commercial applications.
Part No. 40-575.

TUBELESS TIRE INSERTING TOOL

Used for installation and removal of rubber snap-in valves.
Part No. 41-506.

DIAL INFLATOR

Easy to read dial is calibrated 0 to 160 psi. Unit is protected with a heavy rubber cushion "bumper". The tapered chuck and swivel dual foot make getting into tight spots easy. Perfect for racing tires and truck fleets.
Part No. 135.

SWIVEL DUAL FOOT CHUCK INFLATOR

With 12" hose. For use on motor homes and other vehicles with smaller dual wheels.
Part No. 40-591.

AIR LINE CHUCKS

Chucks have a built-in shut-off valve and will not work on inflator gauges EXCEPT item marked with an asterisk (*), which is for inflator gauges only, has no shut-off valve and will not work on live air lines.

Part No. 50-062, Brass 1/4" NPTF ball foot chuck.
Part No. 50-621, 1/4" NPTF ball foot with clip.
Part No. 50-622*, 1/4" NPTF ball foot with clip.
Part No. 50-459, 1/4" NPTF lock-on chuck.
Part No. 50-429, Chuck lock-on clip.
Part No. 50-065, 1/4" NPTF dual foot chuck.
Part No. 50-030, Dual foot repair kit.

50-621/50-622

50-459

50-429

50-065

SAFETY BLOW GUN

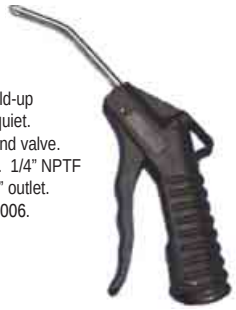
Tamper proof tip swivels and cannot be removed. Tip pressure will not exceed 30 psi when inlet pressure is 150 psi or less. Installed restrictors reduce tip pressure to 30 psi. 1/4" NPTF inlet and 1/8" outlet.
Part No. 51-124.

STRATA-FLO BLOW GUN

Special design concentrates air into a powerful stream. No through-hole design prevents dangerous pressure build-up and reduces air turbulence making it much quieter than most blow guns. 1/4" NPTF inlet and 1/8" outlet.
Part No. 51-126.

VARIABLE FLOW STAR TIP BLOW GUN

Innovative design lets trigger control air flow for all types of jobs. Star tip prevents dangerous pressure build-up and is very quiet. Brass inlet and valve. Swiss made. 1/4" NPTF inlet and 1/8" outlet.
Part No. 51-006.



STANDARD BLOW GUN

Rugged construction with hang hook. Accepts a full range of accessories. 1/4" NPTF inlet and 1/8" outlet.
Part No. 51-122.

RUBBER TIPPED BLOW GUN

Provides leak proof seal for blowing out lines. Rubber tip is excellent for body shops as it will not mar painted surfaces.
Part No. 51-123.

SIPHON SPRAY GUN

Blows air/liquids. Excellent for cleaning engines. Complete with 8 ft. plastic tubing.
Part No. 51-536.

SIPHON SPRAY GUN

Blows air/liquids to clean auto engines. Contains control valve to regulate density of mist. Complete with 8 ft. plastic tubing.
Part No. 223TD.

HYDRO-BLAST CLEANING SPRAY GUN & SIPHON

Combines compressed air with water pressure to blast away dirt and grime. Includes 3" and 15" extension, garden hose adapter and 6 ft. of tubing.
Part No. 51-355.

Air Accessories

HAND BENDABLE EXTENSION FOR BLOW GUNS
Copper 10" extension may be custom bent for special applications. 1/8" NPT male threads.
Part No. 51-142.

REPLACEMENT RUBBER TIP NOZZLE
For making air tight connections for blowing out lines, or cleaning delicate molds where a metal tip might scratch the mold.
Part No. 51-521.

SOLID BRASS MALE HOSE BARB FITTINGS
Part No. 52-039, 1/4" I.D., 1/4" NPT.

Part No. 52-037, 3/8" I.D., 1/4" NPT.

52-039

52-037

SOLID BRASS HOSE SPLICERS
Use with ferrules or hose clamps to splice air line hose up to 300 psi.
Part No. 52-045, 5/16".
Part No. 52-046, 1/4".
Part No. 52-044, 3/8".

BRASS IN-LINE SWIVELS
Part No. 344R, 1/4" male/female NPT.

Part No. 366R, 3/8" male/female NPT.

MALE PIPE THREAD
Part No. 52-435, 23/32" hose O.D., 3/8" hose I.D., 1/4" NPT.

COMBO COUPLER®
The solution for coupler confusion. Now one coupler fits 1/4" Aro Style, 1/4" Automotive Standard and 1/4" Industrial Interchange plugs. Convenient push-to-connect design. Temperature range -40°F to +240°F.

COUPLERS
Part No. C60, Amflo female Combo coupler, 1/4" NPT.
Part No. C61, Amflo male Combo coupler, 1/4" NPT.

1/4" SERIES LINCOLN LONG NOSE TYPE "A"
Plated steel couplers have hardened steel balls and stainless steel springs. Coupler plugs are heat treated to reduce wear on critical mating surfaces. The Lincoln series of plugs are easily identified by the long plug end. The couplers are identified with one narrow and one wide groove on the sleeve. Couplers interchange with Lincoln as well as units produced by other manufacturers. Maximum working pressure 300 psi.

COUPLERS
Part No. 61-486, Bridgeport male coupler, 1/4" NPT, steel.
Part No. 61-548, Bridgeport female coupler, 1/4" NPT, steel.
Part No. C28, Amflo female coupler, 1/4" NPT, steel.

PLUGS
Part No. 61-550, Bridgeport male plug, 1/4" NPT, steel.
Part No. CP27, Amflo male plug, 1/4" NPT, steel.
Part No. 61-551, Bridgeport female plug, 1/4" NPT, steel.
Part No. CP28, Amflo female plug, 1/4" NPT, steel.

1/4" SERIES (ARO SERIES) TYPE "B"
Plated steel couplers have hardened steel balls and stainless steel springs. Coupler plugs are heat treated to reduce wear on critical mating surfaces. The Aro series of plugs are easily identified by the distinct appearance of the plug. The couplers are identified with one wide groove on the sleeve. Couplers interchange with Aro 210 series as well as units produced by other manufacturers. Maximum working pressure 300 psi.

COUPLERS
Part No. 61-527, Bridgeport male coupler, 1/4" NPT, steel.
Part No. C37, Amflo male coupler, 1/4" NPT, steel.
Part No. 61-526, Bridgeport female coupler, 1/4" NPT, steel.
Part No. C38, Amflo female coupler, 1/4" NPT, steel.
Part No. C38-23, Amflo female coupler, 3/8" NPT, steel.

PLUGS
Part No. 61-528, Bridgeport male plug, 1/4" NPT, steel.
Part No. CP37, Amflo male plug, 1/4" NPT, steel.
Part No. 61-529, Bridgeport female plug, 1/4" NPT, steel.
Part No. CP38, Amflo female plug, 1/4" NPT, steel.

COUPLER & PLUG SET
One female 1/4" NPT coupler and one male 1/4" NPT plug.
Part No. 61-530, Carded.

1/4" SERIES (ARO PUSH-TO-CONNECT) TYPE "B"
Push-to-connect couplers are automatically connected by pushing the plug into the coupler. Especially useful for hooking up implements. Allows one hand operation. Maximum working pressure 300 psi.

COUPLERS
Part No. 61-518, Bridgeport female coupler, 1/4" NPT, steel.

3/8" ARO SERIES
Maximum working pressure 300 psi.

COUPLERS
Part No. C36, Amflo female coupler, 3/8" NPT, steel.

PLUGS
Part No. CP35, Amflo male plug, 3/8" NPT, steel.

1/4" AUTOMOTIVE STANDARD SERIES TYPE "C"

Plated steel couplers have hardened steel balls and stainless steel springs. Coupler plugs are heat treated to reduce wear on critical mating surfaces. The automotive series couplers interchange with Tru-Flate 10 and 100 type series as well as units produced by other manufacturers. Maximum working pressure 300 psi.

COUPLERS

Part No. 61-524, Bridgeport male coupler, 1/4" NPT, steel.
Part No. C1, Amflo male coupler, 1/4" NPT, steel.
Part No. 61-523, Bridgeport female coupler, 1/4" NPT, steel.
Part No. C2, Amflo female coupler, 1/4" NPT, steel.

PLUGS

Part No. 61-538, Bridgeport male plug, 1/4" NPT, steel.
Part No. CP1, Amflo male plug, 1/4" NPT, steel.
Part No. 61-539, Bridgeport female plug, 1/4" NPT, steel.
Part No. CP2, Amflo female plug, 1/4" NPT, steel.

3/8" AUTOMOTIVE STANDARD SERIES TYPE "G"

Plated steel couplers have hardened steel balls and stainless steel springs. Coupler plugs are heat treated to reduce wear on critical mating surfaces. Maximum working pressure 300 psi.

COUPLERS

Part No. C7, Amflo male coupler, 1/4" NPT, steel.
Part No. C5, Amflo male coupler, 3/8" NPT, steel.
Part No. 61-476, Bridgeport female coupler, 1/4" NPT, steel.
Part No. C8, Amflo female coupler, 1/4" NPT, steel.
Part No. 61-553, Bridgeport female coupler, 3/8" NPT, steel.
Part No. C6, Amflo female coupler, 3/8" NPT, steel.

PLUGS

Part No. 61-480, Bridgeport male plug, 1/4" NPT, steel.
Part No. CP7, Amflo male plug, 1/4" NPT, steel.
Part No. 61-558, Bridgeport male plug, 3/8" NPT, steel.
Part No. CP5, Amflo male plug, 3/8" NPT, steel.
Part No. 61-481, Bridgeport female plug, 1/4" NPT, steel.
Part No. CP8, Amflo female plug, 1/4" NPT, steel.
Part No. CP6, Amflo female plug, 3/8" NPT, steel.

1/2" AUTOMOTIVE STANDARD SERIES TYPE "F"

Plated steel couplers have hardened steel balls and stainless steel springs. Coupler plugs are heat treated to reduce wear on critical mating surfaces. Maximum working pressure 300 psi.

COUPLERS

Part No. C9, Amflo male coupler, 1/2" NPT, steel.
Part No. 61-563, Bridgeport female coupler, 1/2" NPT, steel.
Part No. C10, Amflo female coupler, 1/2" NPT, steel.

PLUGS

Part No. 61-568, Bridgeport male plug, 1/2" NPT, steel.
Part No. CP9, Amflo male plug, 1/2" NPT, steel.
Part No. 61-569, Bridgeport female plug, 1/2" NPT, steel.
Part No. CP10, Amflo female plug, 1/2" NPT, steel.

1/4" INDUSTRIAL INTERCHANGE SERIES TYPE "D"

Plated steel couplers have hardened steel balls and stainless steel springs. Coupler plugs are heat treated to reduce wear on critical mating surfaces. The Industrial Interchange series couplers interchange with Aro, Foster, Milton, as well as units produced by other manufacturers. Maximum working pressure 300 psi.

COUPLERS

Part No. 61-574, Bridgeport male coupler, 1/4" NPT, steel.
Part No. C21, Amflo male coupler, 1/4" NPT, steel.
Part No. 61-573, Bridgeport female coupler, 1/4" NPT, steel.
Part No. C20, Amflo female coupler, 1/4" NPT, steel.
Part No. C20-23, Amflo female coupler, 3/8" NPT, steel.
Part No. C20-42, Amflo hose barb, 1/4" NPT, steel.

PLUGS

Part No. 61-578, Bridgeport male plug, 1/4" NPT, steel.
Part No. CP21, Amflo male plug, 1/4" NPT, steel.
Part No. 61-579, Bridgeport female plug, 1/4" NPT, steel.
Part No. CP20, Amflo female plug, 1/4" NPT, steel.

3/8" INDUSTRIAL SERIES TYPE "E"

Warning: These couplers and plugs are intended for use on compressed air lines only. All have a maximum rated working pressure of 300 psi.

COUPLERS

Part No. C25-02, Amflo male coupler, 1/4" NPT, steel.
Part No. 61-483, Bridgeport male coupler, 3/8" NPT, steel.
Part No. C25, Amflo male coupler, 3/8" NPT, steel.
Part No. C26-22, Amflo female coupler, 1/4" NPT, steel.
Part No. 61-482, Bridgeport female coupler, 3/8" NPT, steel.
Part No. C26, Amflo female coupler, 3/8" NPT, steel.
Part No. C26-44, Amflo hose barb, 3/8" NPT, steel.

PLUGS

Part No. CP25-02, Amflo male plug, 1/4" NPT, steel.
Part No. 61-484, Bridgeport male plug, 3/8" NPT, steel.
Part No. CP25, Amflo male plug, 3/8" NPT, steel.
Part No. CP26-22, Amflo female plug, 1/4" NPT, steel.
Part No. 61-485, Bridgeport female plug, 3/8" NPT, steel.
Part No. CP26, Amflo female plug, 3/8" NPT, steel.

1/2" INDUSTRIAL INTERCHANGE

Warning: These couplers and plugs are intended for use on compressed air lines only. All have a maximum rated working pressure of 300 psi.

PLUGS

Part No. CP17, Amflo male plug, 1/2" NPT, steel.
Part No. CP18, Amflo female plug, 1/2" NPT, steel.

"STRAIGHT-THRU" PLUG

These plugs have no valves. Smooth straight through bore allows maximum flow. Made from solid brass bar stock. Couplers have stainless steel springs and balls. Excellent for carpet cleaners, vacuum service and pressure washers. 2600 psi. Amflo steel plug, 1/8" NPT.
Part No. CPST1.

Air Pumps & Cleaners

AIR CLEANER - BLOW GUN
Zinc plated 7" nozzle, quickly attaches to air chuck. Air supply controlled by handle grip pressure. Zinc plated TUFFPLATE™ finish.
Part No. 106C.

SPRAY CLEANER
1 quart capacity. Quickly attached to air chuck. Air supply is controlled by handle grip pressure. Mixture control by graduated nozzle adjustment. For spraying of solvents, kerosene, white wash, light oils, and paints.
Part No. 107.

Couplers & Connectors

PART NO.	DESCRIPTION	AMFLO	SCHRADER	DILL	ARO	MILTON	PERFECTING
8888	1/4" coupling body	C38	3526	8888	210	775	2MF2PL
8889	1/4" female tip for 8888	CP38	3530	8889	2609	778	M2F2
8891	1/4" male tip for 8888	CP37	3529	8891	2608	777	M2M2
13	1/4" coupling body	C2	3504	D-13	-	785	2JF2-B
2-C	1/4" male tip for 13	CP1	3506	D-2C	-	783	J2M2
3-C	1/4" female tip for 13	CP2	3507	D-3C	-	784	J2F2
93	1/4" coupling body	C20	5142-12	-	23102-200	715	2FF2-B
H2-C	1/4" male tip for 93	CP21	5138-11	-	23902-210	727	D2M2
H3-C	1/4" female tip for 93	CP20	5139-11	-	23902-200	728	D2F2
310	3/8" coupling body	-	-	-	-	-	3MF3PL
3804	3/8" male tip for 310	-	-	-	-	-	M3M3
3806	3/8" female tip for 310	-	-	-	-	-	M3F3
15	3/8" coupling body	C6	3516	D-15	-	1805	3JF3
2-E	3/8" male tip for 15	CP5	3517	D-2E	-	1807	J3M3
3-E	3/8" female tip for 15	CP6	3518	D-3E	-	1808	J3F3
O-E	1/4" male tip for 15	CP7	3519	D-0E	-	1809	J3M2
17	1/2" coupling body	C10	3512	D-17	-	1815	4FF4
16	1/2" male coupling body	C9	3511	D-16	-	1816	4FM4
2-F	1/2" male tip for 16 and 17	CP9	3513	D-2F	-	1817	J4M4
3-F	1/2" female tip for 16 and 17	CP10	3514	D-3F	-	1818	J4F4

Series 8888, 8889, 8891

Series 13, 15, 16 & 17

Series 93

SINGLE SHUT-OFF, INTERCHANGEABLE "D" SERIES

Socket features:
Latch Mechanism: •Proprietary design allows automatic connect and pull to disconnect to accommodate one hand operation •Sleeve action is opposite direction of conventional design which reduces the chance of accidental disconnect when pulled across obstacles
Material & Finish: •Machined from solid brass bar stock •Stainless steel balls and springs maximize corrosion resistance
Valving: •Tubular valve is standard for 1/4" body size •Prong valve is standard for 3/8" and 1/2" body sizes
Seals: •Buna-N (Nitrile) seal is standard

Plug features:
Material & Finish: •Machined from solid steel and brass bar stock •Steel plugs are hardened and zinc plated to provide maximum service life

FEMALE PIPE THREAD COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
2DF2-B	B33	1/4	1/4
2DF3-B	B33E	1/4	3/8
3DF3-B	B35	3/8	3/8
4DF4-B	B37	1/2	1/2

HOSE BARB COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
2DS2-B	B30-3B	1/4	1/4
2DS3-B	B30-5B	1/4	3/8
3DS3-B	B34-5B	3/8	3/8

MALE PIPE THREAD COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
2DM2-B	B32	1/4	1/4
2DM3-B	B32E	1/4	3/8
3DM3-B	B34	3/8	3/8
4DM4-B	B36	1/2	1/2

MALE PIPE THREAD NIPPLE

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
D2M1	CP21-01	1/4	1/8
D2M2	CP21	1/4	1/4
D2M2-B*	CP21B	1/4	1/4
D2M3	CP21-03	1/4	3/8
D3M2	CP25-02	3/8	1/4
D3M3	CP25	3/8	3/8
D3M3-B*	CP25B	3/8	3/8
D3M4	CP25-04	3/8	1/2
D4M3	CP17-03	1/2	3/8
D4M4	CP17	1/2	1/2
D4M6	CP17-06	1/2	3/4

*Brass

FEMALE PIPE THREAD NIPPLE

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
D2F1	CP20-21	1/4	1/8
D2F2	CP20	1/4	1/4
D2F2-B*	CP20B	1/4	1/4
D2F3	CP20-23	1/4	3/8
D3F2	CP26-22	3/8	1/4
D3F3	CP26	3/8	3/8
D3F3-B*	CP26B	3/8	3/8
D3F4	CP26-24	3/8	1/2
D4F3	CP18-23	1/2	3/8
D4F4	CP19	1/2	1/2
D4F6	CP18-26	1/2	3/4

*Brass

HOSE BARB NIPPLE

PART NO.	CROSS REFERENCE	BODY SIZE	HOSE SIZE
D2S2	CP21-42	1/4	1/4
D2S2-B*	CP21-42B	1/4	1/4
D2S3	CP21-44	1/4	3/8
D2S3-B*	CP21-44B	1/4	3/8
D3S2	CP25-42	3/8	1/4
D3S3	CP25-44	3/8	3/8
D3S4	CP25-45	3/8	1/2
D4S3	CP17-44	1/2	3/8
D4S4	CP17-45	1/2	1/2
D4S4-B*	CP17-45B	1/2	1/2
D4S6	CP17-46	1/2	3/4

*Brass

SINGLE SHUT-OFF, INTERCHANGEABLE "F" SERIES

Socket features:
Latch Mechanism: •Manual connect and disconnect ball latch •Compact design profile and sleeve guard reduce risk of accidental disconnect
Material & Finish: •Machined from solid brass bar stock •Stainless steel balls and springs maximize corrosion resistance •Steel componentry is zinc plated
Valving: •Tubular valve is standard for all body sizes
Seals: •Buna-N (Nitrile) seal is standard
Identification: •Single machined groove on sleeve knurl

Plug features:
Material & Finish: (Uses D Series Plugs) •Machined from solid steel and brass bar stock •Steel plugs are hardened and zinc plated to provide maximum service life

MALE PIPE THREAD COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
2FM1-B*	C21-01B	1/4	1/8
2FM2-B*	C21B	1/4	1/4
2FM3-B*	C21-03B	1/4	3/8
3FM2	C25-02	3/8	1/4
3FM3	C25	3/8	3/8
3FM4	C25-04	3/8	1/2
4FM3	C9-03	1/2	3/8
4FM4	C9	1/2	1/2
4FM6	C9-06	1/2	3/4

*Brass

FEMALE PIPE THREAD COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
2FF1-B*	-	1/4	1/8
2FF2-B*	C20B	1/4	1/4
2FF3-B*	C20-23B	1/4	3/8
3FF2	C26-22	3/8	1/4
3FF3	C26	3/8	3/8
3FF4	C26-24	3/8	1/2
4FF3	C10-23	1/2	3/8
4FF4	C10	1/2	1/2
4FF6	C10-26	1/2	3/4

*Brass

HOSE BARB COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	HOSE SIZE
2FS2-B*	C20-42B	1/4	1/4
2FS3-B*	C20-44B	1/4	3/8
3FS2	C26-42	3/8	1/4
3FS3	C26-44	3/8	3/8
3FS4	C26-45	3/8	1/2
4FS3	C10-44	1/2	3/8
4FS4	C10-45	1/2	1/2
4FS6	C10-46	1/2	3/4

*Brass

Couplings & Accessories

SINGLE SHUT-OFF, INTERCHANGEABLE "J" SERIES

Socket features:
Latch Mechanism: •Manual connect and disconnect ball latch •Compact design and sleeve guard profile reduces risk of accidental disconnect
Material & Finish: •Machined from solid brass bar stock •Stainless steel balls and springs maximize corrosion resistance •Steel componentry is zinc plated
Valving: •Tubular valve is standard for all body sizes
Seals: •Buna-N (Nitrile) seal is standard
Identification: •Continuous machined knurl on sleeve

Plug features:
Material & Finish: •Machined from solid steel bar stock •Steel plugs are hardened and zinc plated to provide maximum service life

MALE PIPE THREAD NIPPLE

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
J2M1	-	1/4	1/8
J2M2	CP1	1/4	1/4
J2M3	CP1-03	1/4	3/8
J3M2	CP7	3/8	1/4
J3M3	CP5	3/8	3/8
J3M4	CP5-04	3/8	1/2
J4M3	CP9-03	1/2	3/8
J4M4	CP9	1/2	1/2
J4M6	CP9-06	1/2	3/4

FEMALE PIPE THREAD NIPPLE

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
J2F1	CP2-21	1/4	1/8
J2F2	CP2	1/4	1/4
J2F3	CP2-23	1/4	3/8
J3F2	CP8	3/8	1/4
J3F3	CP6	3/8	3/8
J3F4	CP6-24	3/8	1/2
J4F3	CP10-23	1/2	3/8
J4F4	CP10	1/2	1/2
J4F6	CP10-26	1/2	3/4

HOSE BARB NIPPLE

PART NO.	CROSS REFERENCE	BODY SIZE	HOSE SIZE
J2S2	CP1-42	1/4	1/4
J2S3	CP1-44	1/4	3/8
J3S2	CP5-42	3/8	1/4
J3S3	CP5-44	3/8	3/8
J3S4	CP5-45	3/8	1/2
J4S3	CP9-44	1/2	3/8
J4S4	CP9-45	1/2	1/2
J4S6	CP9-46	1/2	3/4

FEMALE PIPE THREAD COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
2JF1-B*	C2-21B	1/4	1/8
2JF2-B*	C2B	1/4	1/4
2JF3-B*	C2-23B	1/4	3/8
3JF2	C8	3/8	1/4
3JF3	C6	3/8	3/8
3JF4	C6-24	3/8	1/2
4FF3	C10-23	1/2	3/8
4FF4	C10	1/2	1/2
4FF6	C10-26	1/2	3/4

*Brass

HOSE BARB COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	HOSE SIZE
2JS2-B*	C2-42B	1/4	1/4
2JS3-B*	C2-44B	1/4	3/8
3JS3	C6-44	3/8	3/8
3JS4	C6-45	3/8	1/2
4FS3	C10-44	1/2	3/8
4FS4	C10-45	1/2	1/2
4FS6	C10-46	1/2	3/4

*Brass

MALE PIPE THREAD COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
2JM1-B*	C1-01B	1/4	1/8
2JM2-B*	C1B	1/4	1/4
2JM3-B*	C1-03B	1/4	3/8
3JM2	C7	3/8	1/4
3JM3	C5	3/8	3/8
3JM4	C5-04	3/8	1/2
4FM3	C9-03	1/2	3/8
4FM4	C9	1/2	1/2
4FM6	C9-06	1/2	3/4

*Brass

SINGLE SHUT-OFF, INTERCHANGEABLE "M" SERIES

Socket features:
Latch Mechanism: •Ball style latch accommodates automatic connect operation
Material & Finish: •Machined from solid steel bar stock •Steel componentry is zinc plated
Valving: •Die cast tubular valve is standard for 1/4" body size •Steel tubular valve is standard for 3/8" body size
Coupled Seal: •Buna-N (Nitrile) seal is standard

Plug features:
Material & Finish: •Machined from solid steel bar stock •Steel plugs are hardened and zinc plated to provide maximum service life

MALE PIPE THREAD COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
2MM2PL	C37	1/4	1/4
3MM3PL	C35	3/8	3/8

FEMALE PIPE THREAD COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
2MF2PL	C38	1/4	1/4
3MF3PL	C36	3/8	3/8

HOSE BARB COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	HOSE SIZE
2MS2PL	C38-42	1/4	1/4
3MS3PL	-	3/8	3/8

MALE PIPE THREAD NIPPLE

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
M2M2	CP37	1/4	1/4
M3M3	CP35	3/8	3/8

FEMALE PIPE THREAD NIPPLE

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
M2F2	CP38	1/4	1/4
M3F3	CP36	3/8	3/8

HOSE BARB NIPPLE

PART NO.	CROSS REFERENCE	BODY SIZE	HOSE SIZE
M2S2	CP37-42	1/4	1/4
M2S2.5	-	1/4	5/16
M3S3	-	3/8	3/8
M3S4	-	3/8	1/2

PERFECTING PNEUMATICS
Couplings & Accessories

SINGLE SHUT-OFF, INTERCHANGEABLE "X" SERIES

Socket features:
Latch Mechanism: •Automatic connect ball latch •Compact design profile and sleeve guard reduce risk of accidental disconnect
Material & Finish: •Machined from solid brass bar stock •Stainless steel balls and springs maximize corrosion resistance
Valving: •Brass tubular valve provides higher flow when used with X series plugs
Seals: •Coupled D-ring seal provides excellent sealing characteristics for all plug types •All seal materials are Buna-N (Nitrile) standard

Plug features:
Material & Finish: •Machined from solid steel bar stock •Steel plugs are hardened and zinc plated to provide maximum service life

MALE PIPE THREAD COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
2UM2B	C61	1/4	1/4
2UM3B	C61-03	1/4	3/8

FEMALE PIPE THREAD COUPLER

PART NO.	CROSS REFERENCE	BODY SIZE	THREAD SIZE
2UF2B	C60	1/4	1/4
2UF3B	C60-23	1/4	3/8

AIR HOSE
Self-Storing

NYLON HOSE

A flexible lightweight air hose, designed for maximum security at the work place. Keeps hoses off the floor, eliminating tripping accidents. A tough abrasion resistant premium quality nylon with excellent retraction for many years of safe operation. For air tools, robotics, paint shops, electronic controls, service stations, maintenance shops, dental drill equipment, instrumentation, automotive assembly lines, etc.

Part No. SBH412C45, 1/4" x 12 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. SBH425C45, 1/4" x 25 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. SBH450C45, 1/4" x 50 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. SBH612C65, 3/8" x 12 ft. self-store air hose c/w 3/8" swivel fittings.
Part No. SBH625C65, 3/8" x 25 ft. self-store air hose c/w 3/8" swivel fittings.
Part No. SBH650C65, 3/8" x 50 ft. self-store air hose c/w 3/8" swivel fittings.
Part No. SBHB41005, 1/4" x 100 ft. self-store air hose.
Part No. SBHB61005, 3/8" x 100 ft. self-store air hose.
Part No. FCN-404, 1/4" male swivel hose fitting.
Part No. FCN-606, 3/8" male swivel hose fitting.

POLYURETHANE HOSE

•Blue non-marking polyurethane •4" pigtail and 20" whip end •Highly kink, abrasion, and oil resistant •Flexible and lightweight •Can be used to transfer air, fluids, and chemicals •Temperature range of -40°C to 80°C

Part No. HSC2846-04X10, 1/4" x 10 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. HSC2846-04X15, 1/4" x 15 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. HSC2846-04X20, 1/4" x 20 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. HSC2846-04X25, 1/4" x 25 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. HSC2846-04X30, 1/4" x 30 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. HSC2846-04X50, 1/4" x 50 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. HSC2846-06X10, 3/8" x 10 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. HSC2846-06X15, 3/8" x 15 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. HSC2846-06X20, 3/8" x 20 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. HSC2846-06X25, 3/8" x 25 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. HSC2846-06X50, 3/8" x 50 ft. self-store air hose c/w 1/4" swivel fittings.
Part No. FSP-404, 1/4" male swivel hose fitting.
Part No. FSP-606, 3/8" male swivel hose fitting.

male pipe swivel
(swivels in use)

WATTS
Air Line Products

R364-02C

filter

regulator

lubricator

Part No. R364-02C*, 1/4" mini air regulator.
Part No. R119-03C, 3/8" standard air regulator.
Part No. R119-04C, 1/2" standard air regulator.
Part No. R119-08C, 1" standard air regulator.
Part No. F602-03BJ, 3/8" standard air filter.
Part No. F602-04BJ, 1/2" standard air filter.
Part No. F602-08WJ, 1" standard air filter.
Part No. L606-03B, 3/8" standard air lubricator.
Part No. L606-04B, 1/2" standard air lubricator.
Part No. L606-08W, 1" standard air lubricator.

Part No. BK602Y, Replacement bowl kit - 1/4", 3/8".
Part No. BK602A, Replacement bowl kit - 1/2".
Part No. EK602Y, Replacement element kit - 1/4", 3/8".
Part No. EK602A, Replacement element kit - 1/2".
Part No. EK602B, Replacement element kit - 3/4", 1½".
Part No. SA602MD, Internal auto drain for filters.

NOTE: All Watts regulators have a pressure range from 0-125 lbs. All 3/8" and 1/2" units have a polycarbonate bowl with a polyethylene bowl guard. All 1" units have a metal bowl with sight glass. For 1/4" and 3/4" units, use 3/8" and 1" units with bushings.
*NOTE: Item does not include panel mounting nut. Please order part number (CBA) 4161 for this purpose.

Air Line Accessories

AIR OPERATED SRAYER

Part No. 939 - Adjustable suction control. Strainer assembly in suction hose keeps out contaminants. 6 ft. vinyl suction hose. Air coupler nipple permits quick coupling to any air hose. Pistol grip handle. Use with solvents or detergent solutions.

Compatible with vinyl, aluminum, and carbon steel. Air inlet 1/4" NPT (f). Maximum operating pressure 200 psi.

WATER BIBB COCKS

Part No. 846 - For attaching to water service hose. 1/4" NPT female inlet, thumb action trigger. Built-in strainer filters out contaminants.
Part No. 845 - Same as #846 except inlet 3/4" - 11-1/2" A.N. — connects to standard lawn hose.

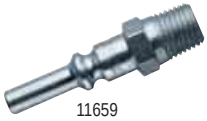
AIR BLOW GUNS

Part No. 950 - Handy, thumb-button design air blow gun. 1/4" NPT female. Nozzle inlet pressure 30 psi max. Complies with Federal Safety Regulations.
Part No. 840 - Same as #950, less air restrictor.
Part No. 960 - Cast aluminum pistol grip design. Overall height 5-3/4". Inlet 1/4" NPT female. Outlet 7/64".
Part No. 940 - Same as #960, less air restrictor.

AIR COUPLERS & NIPPLES

•HEAVY DUTY

815



11659

11661

Part No. 815 - Coupler with 1/4" NPT female inlet. Furnished as standard equipment on all Lincoln Series 20 air motor operated Lubriguns. Maximum air flow 52 SCFM at 100 psi. Length 2-1/2"; diameter 1-7/16"; weight 4-1/2 ozs.

Part No. 11659 - Nipple - 1/4" NPT male.
Part No. 11661 - Nipple - 1/4" NPT female.
Part No. 11660 - Nipple - 1/8" NPT male.

•LIGHTWEIGHT

13329

5862

13331

Part No. 5862 - Air coupler with 1/4" NPT female inlet. Fits all automotive/Tru-Flate, ARO, and industrial/Milton style nipples for 1/4" I.D. hose. 300 psi max. operating pressure. Maximum air flow 38 SCFM at 100 psi. Length 2"; diameter 1-1/8"; weight 4 ozs.
Part No. 13329 - Nipple - 1/4" NPT male.
Part No. 13331 - Nipple - 1/4" NPT female.

AIR COUPLERS & NIPPLES

63 Series - For 1/4" I.D. Hose
Maximum operating pressure 250 psi. Maximum air flow 45 SCFM at 100 psi. Length 1-3/4"; diameter 1-1/8"; weight 3 ozs.

Part No. 632004 - Coupler, female thread, 1/4" NPT.

Part No. 630104 - Nipple, male thread, 1/4" NPT.

Part No. 630204 - Nipple, female thread, 1/4" NPT.

64 Series - For 3/8" I.D. Hose
Maximum operating pressure 250 psi. Maximum air flow 108 SCFM at 100 psi. Length 2-1/16"; diameter 1-5/16"; weight 6 ozs.

Part No. 642006 - Coupler, female thread, 3/8" NPT.

Part No. 640104 - Nipple, male thread, 1/4" NPT.

Part No. 640106 - Nipple, male thread, 3/8" NPT.

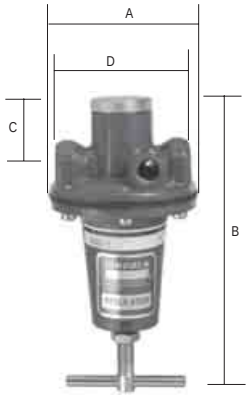
Part No. 640206 - Nipple, female thread, 3/8" NPT.

65 Series - For 1/2" I.D. Hose
Maximum operating pressure 200 psi. Maximum air flow 176 SCFM at 100 psi. Length 2-3/4"; diameter 1-1/2"; weight 9 ozs.

Part No. 652008 - Coupler, female thread, 1/2" NPT.

Part No. 650108 - Nipple, male thread, 1/2" NPT.

Part No. 650208 - Nipple, female thread, 1/2" NPT.

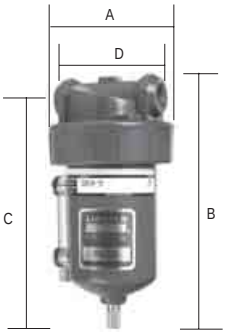


REGULATORS

Constructed of die-cast zinc with stainless steel strainer and renewable brass seat. Diaphragm and disc are oil-resistant Buna-N. Secondary pressure side gauge connections are 1/4" NPTF (F) and are sealed with removable pipe plugs. Maximum supply pressure 300 psi for all sizes listed. For secondary pressure, see "NOTE" below chart. Operating temperature range: 4° to 49°C.

PART NO.	PIPE SIZE	A	B	C	D	WEIGHT (lbs.)
600004	1/4"	3"	6"	1-3/8"	2-3/8"	1.8
600006	3/8"	3"	6"	1-3/8"	2-3/8"	1.8
600008	1/2"	3-9/16"	7"	1½"	3¼"	2.8
600012	3/4"	4-11/16"	10"	1-7/8"	4-3/8"	6.2
600016	1"	4-11/16"	10"	1-7/8"	4-3/8"	6.2

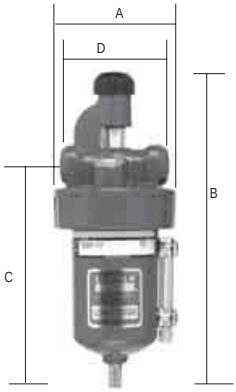
NOTE: Models 600004-6-8 are 0-225 psi range. Models 600012-16 are 0-250 psi range.



FILTERS

Constructed of die-cast zinc with 40 micron filter element of porous bronze. Metal bowl with sight glass. Maximum supply pressure 250 psi. Maximum temperature 65°C.

PART NO.	PIPE SIZE	CAPACITY (ozs.)	A	B	C	D	WEIGHT (lbs.)
600104	1/4"	5	2-15/16"	5-5/8"	5-1/8"	2½"	1.8
600106	3/8"	5	2-15/16"	5-5/8"	5-1/8"	2½"	1.8
600108	1/2"	8	3-3/4"	6¼"	5-5/8"	3¼"	2.8
600112	3/4"	16	4-7/8"	8¾"	7-3/4"	4-9/16"	6.3
600116	1"	16	4-7/8"	8¾"	7-3/4"	4-9/16"	6.3



LUBRICATORS

Constructed of die-cast zinc. Metal bowl with sight glass. Maximum supply pressure 250 psi. Maximum temperature 65°C. Oil viscosity maximum not over 800 S.S.U. (SAE 30, not under 29°C). NOTE: Oil adjustment may be made tamper-proof by removing "Dial Set" knob on all models. All sizes may be filled while under pressure.

PART NO.	PIPE SIZE	CAPACITY (ozs.)	A	B	C	D	WEIGHT (lbs.)
602204	1/4"	5	2-15/16"	7-5/8"	5-5/8"	2½"	2.2
600206	3/8"	5	2-15/16"	7-5/8"	5-5/8"	2½"	2.2
600208	1/2"	8	3¾"	8-1/8"	5¾"	3¼"	3.3
600212	3/4"	16	4-7/8"	10½"	7-7/8"	4-9/16"	4.2
600216	1"	16	4-7/8"	10½"	7-7/8"	4-9/16"	4.2

AIR GAUGE

Registers pressures up to 200 psi. Diameter of dial face 2"; ¼" NPT male bottom connection. Black enameled case.
Part No. 66100.

AIR GAUGE

Same as #66100 except with ¼" NPT centre back connection. NOTE: Lincoln air gauges 66100 and 600401 are calibrated both in psi and KG/cm2.
Part No. 600401.

AUTOMATIC DRAIN CONVERSION KIT

Converts manual drain filter to automatic drain. Increases filter efficiency and eliminates problem of manual draining. Applies to filters not kit.
Part No. 600301.

FILTER — REGULATOR & GAUGE — LUBRICATOR COMBINATION UNITS

Lincoln filter, regulator, and lubricators are available as combination units. All units include 600401 gauge and 0-250 psi range regulator.

PART NO.	PIPE SIZE	A	B	C	WEIGHT (lbs.)
85387-4	1/4"	5.27"	1.63"	6.46"	3.3
85387-8	1/2"	6.95"	2.12"	10.52"	6.2
85387-12	3/4"	10.44"	2.22"	14.75"	10.6

LINCOLN

Incandescent, Halogen, Fluorescent Lamps, & Fluorescent Ballasts

PHILIPS

OSRAM SYLVANIA

120 VOLT ROUGH SERVICE BULBS
Part No. 50RS, 50 watt.
Part No. 100RS, 100 watt.
Part No. 150RS, 150 watt.
Part No. 200RS, 200 watt.

120 VOLT TUFFSKIN ROUGH SERVICE BULBS
Part No. 50TUFF, 50 watt.
Part No. 100TUFF, 100 watt.

120 VOLT EXTENDED SERVICE BULBS
Part No. 60ES, 60 watt.
Part No. 100ES, 100 watt.
Part No. 150ES, 150 watt.
Part No. 200ES, 200 watt.
Part No. 300ES, 300 watt.

120 VOLT MOGUL (LARGE BASE) BULBS
Part No. 300MB, 300 watt.

120 VOLT HALOGEN FLOOD LAMPS
75 watt, PAR38.
Part No. 75PARFL.

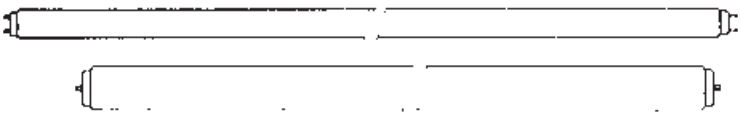
EARTHLIGHT ENERGY SAVING BULBS
18 watt Earthlight fluorescent lamp with electronic energy saving bulb. Excellent for either indoor/outdoor use, this fluorescent lamp has the equivalent output of a 75 watt incandescent bulb.
Part No. ELO18.

32 WATT, 4 FT. FLUORESCENT LAMPS
32 watt, 4 ft. double pin 4100K cool white energy efficient fluorescent lamp for electronic ballasts. Case of 30 lamps.
Part No. F32-T8-TL741/ALTO.

34 WATT, 4 FT. ENERGY EFFICIENT FLUORESCENT LAMPS
34 watt, 4 ft. double pin cool white energy efficient fluorescent lamp. Case of 30 lamps.
Part No. F40-CW-EE.

60 WATT, 8 FT. ENERGY EFFICIENT FLUORESCENT LAMPS
60 watt, 8 ft. single pin cool white energy efficient fluorescent lamp. Case of 15 lamps.
Part No. F96T12-CW-EE.

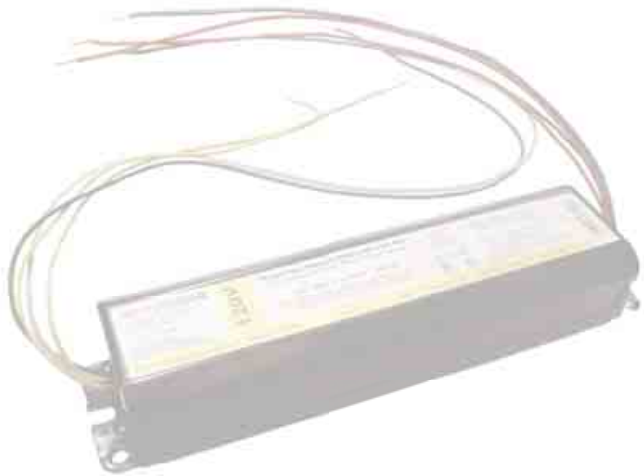
110 WATT, 8 FT. HIGH OUTPUT FLUORESCENT LAMPS
110 watt, 8 ft. double pin cool white high output cold weather/outdoor fluorescent lamp. Case of 15 lamps.
Part No. F96T12-CW-HO-O.



***Fluorescent bulbs are available in case quantities only. (4 ft. - 30 lamps; 8 ft. - 15 lamps.)*

FLUORESCENT BALLASTS
Part No. HF-120-2/32-IPMP, 2 lamp, 120 volt electronic ballast for 4 ft. T8 lamps.
Part No. SSB-120-4/32-IS, 4 lamp, 120 volt electronic ballast for 4 ft. T8 lamps.
Part No. HF347-2/32-IPMP, 2 lamp, 347 volt electronic ballast for 4 ft. T8 lamps.
Part No. SSB2-347-4/32-ISLH, 4 lamp, 347 volt electronic ballast for 4 ft. T8 lamps.

Part No. R2C34-TPC-IC, 2 lamp, 120 volt energy saving ballast for 4 ft. lamps.
Part No. R2E75-S-TPC-IC, 2 lamp, 120 volt energy saving ballast for 8 ft. lamps.
Part No. G2E75-TPC-IC, 2 lamp, 347 volt energy saving ballast for 8 ft. lamps.



13w FLUORESCENT WORK LIGHTS

•Cool running 13w 10,000 hour rated bulb (included) •Equivalent to 75w incandescent bulb w/ natural daylight illumination •High impact lamp protector w/ high gloss reflector •Flame retardant yellow (except #SL-520 - black) polypropylene handle •Clear chemical & UV resistant lamp protector •Convenient hang hook •Rocker on/off switch

Part No. SL-563, angle work light, 18/2 gauge cord, 25 ft. cord length.

Part No. SL-964, angle work light, 16/3 gauge cord, 25 ft. cord length w/ polarized plug and 12 amp grounded receptacle.

Part No. SL-520, 18/2 gauge cord, 25 ft. cord length w/ nylon tipped double hang hook. Black colour with clear end housing.

Part No. SL-550, 18/2 gauge cord, 50 ft. cord length w/ nylon tipped double hang hook.

SL-563

SL-520

18w FLUORESCENT WORK LIGHT w/TOOL TAP

•2 Cool running 9w 10,000 hour rated bulbs (included) •Equivalent to 100w incandescent bulb w/natural daylight illumination •Innovative retractable & removable nylon tipped double hang hook rotates 360° •Polarized plug with 12 amp grounded receptacle & rocker on/off switch •Sleek, ergonomic design w/unique 90° cord swivel pivots cord for hands free, stand up use •Clear polycarbonate top for spot lighting •Flame retardant yellow polypropylene handle •High impact lamp protector w/high gloss reflector

Part No. SL-928, 16/3 gauge cord, 25 ft. cord length.

CORDLESS 7.2v 13w PROFESSIONAL SERIES FLUORESCENT WORK LIGHT

•Over 90 minutes continuous cordless runtime •Powerful 7.2v NiMH battery charges in about an hour •Cool running 13w 10,000 hour rated bulb (included) •Equivalent to 75w incandescent bulb w/natural daylight illumination •Sleek, ergonomic work light tool •Impact resistant & flame retardant yellow polypropylene handle •Convenient & versatile nylon tipped double hang hook •High impact lamp protector w/high gloss reflector •120v charging cord included

Part No. SLR-9000CPDQ.

Part No. SLR-9004C2, Quick charge platform and extra 7.2v battery pack.

Part No. SLR-9005C2, Extra 7.2v battery pack.

OSHA 13w FLUORESCENT WORK LIGHTS

•Cool running 13w 10,000 hour rated bulb (included) •Equivalent to 75w incandescent bulb w/natural daylight illumination •Clear polycarbonate top for spot lighting •High impact lamp protector w/high gloss reflector •Ballast enclosed near plug end of cord •Convenient & versatile nylon tipped double hang hook

Part No. SL-676, 18/2 gauge cord, 25 ft. cord length.

Part No. SL-677, 18/2 gauge cord, 50 ft. cord length.

BAYCO®
Life Depends on Light™

13w ROUGH DUTY FLUORESCENT WORK LIGHTS w/SPOT WORK LIGHT & TOOL TAP

•The industry standard...The pro mechanics choice •Cool running 13w 10,000 hour rated bulb (included) •Equivalent to 75w incandescent bulb w/natural daylight illumination •Polarized plug with 12 amp grounded receptacle & rocker on/off switch •Clear polycarbonate top for spot lighting •Flame retardant yellow polypropylene handle •High impact lamp protector w/high gloss reflector •Clear chemical & UV resistant lamp protector •Convenient & versatile nylon tipped double hang hook

Part No. SL-935, 16/3 gauge cord, 25 ft. cord length.

Part No. SL-936, 16/3 gauge cord, 50 ft. cord length.

SL-935

26w DOUBLE BRITE PRO GRADE FLUORESCENT WORK LIGHT w/TOOL TAP

•2 Cool running 13w 10,000 hour rated bulbs (included) •Equivalent to 125w incandescent bulb w/natural daylight illumination •Electronic ballast for instant no-flicker cold weather starts •Polarized plug with 12 amp grounded receptacle and rocker on/off switch •Sleek, ergonomic design •Hang hook and tool hook •Clear chemical and UV resistant lamp protector •Flame retardant yellow polypropylene handle •High impact lamp protector w/high gloss reflector

Part No. SL-975, 16/3 gauge cord, 25 ft. cord length.

15w FLUORESCENT WORK LIGHT

•15w 7,000 hour rated bulb (included) •Extra long 17" high impact lamp protector w/high gloss reflector •Plastic hang hook on one end plus 2 metal hooks for hanging versatility

Part No. SL-623, 18/2 gauge cord, 25 ft. cord length.

REPLACEMENT BULBS, PARTS & ACCESSORIES

Part No. SL-229PDQ, Fluorescent work light bulb for 9w fluorescent work lights.
Part No. SL-103, Fluorescent work light bulb for 13w and 26w fluorescent work lights.
Part No. SL-213, Fluorescent work light bulb for 7.2v cordless work lights.
Part No. SL-223, Fluorescent work light bulb for 15w fluorescent work lights.
Part No. SL-235, Halogen work light bulb for 35w halogen clamp work lights.
Part No. SL-236, Halogen work light bulb for 12v 35w halogen clamp work lights.
Part No. SL-209PDQ, Halogen work light bulb for 500w halogen work lights.
Part No. SL-225PDQ, Halogen work light bulbs twin pack for 250w halogen work lights.
Part No. SL-230PDQ, Halogen work light bulbs twin pack for 300w halogen work lights.
Part No. SL-150, Fluorescent replacement head for 18 gauge wire applications.
Part No. SL-181, Fluorescent replacement head for ballasted reels.
Part No. SL-200, Fluorescent replacement head for pro series lights.
Part No. SL-908H, Replacement head for 26w double brite pro grade fluorescent lights.
Part No. SL-908L, Replacement lens for 26w double brite pro grade fluorescent lights.
Part No. SL-203B, Magnetic clips for Pro Series fluorescent work lights.
Part No. SL-203C, Magnetic clips for 18w and 26w double bulb fluorescent work lights.
Part No. SL-203D, Magnetic clips for LED work lights.
Part No. SL-208, Replacement double hook for 13w fluorescent lights (500, 600

SL-203B

SL-208

Led Professional Work Lights

PROFESSIONAL SERIES LED WORK LIGHTS

•Each LED emitter light is rated up to 70,000 hours •Tough, practically indestructible work light •Compact 1-1/4" diameter for access to tight areas •Push button on/off switch •Convenient hang hook

Part No. SL-2105, 30 LED emitter lights, 18/2 gauge cord, 25 ft. cord length.
Part No. SL-2105REA, 30 LED replacement tube for #SL-2105.
Part No. SL-2106, 60 LED emitter lights, 18/2 gauge cord, 25 ft. cord length.
Part No. SL-2106REA, 60 LED replacement tube for #SL-2106.

SL-2105

SL-2106

CORDLESS 7.2v PROFESSIONAL SERIES LED WORK LIGHTS

•Kit includes: LED work light, 7.2v battery, quick charger, 120v & 12v charge cords •Powerful 7.2v NiMH battery charges in about an hour •Each LED emitter light is rated up to 70,000 hours •Compact 1-1/2" diameter for access to tight areas •Tough, practically indestructible work light •Convenient push button on/off switch

Part No. SLR-2130B, 30 LED emitter lights.
Part No. SLR-2160B, 60 LED emitter lights.

Part No. SLR-2131, Cordless LED quick charge platform.
Part No. SLP-2132, Cordless LED 7.2v battery.

BAYCO
Life Depends on Light™

12v — Car/Truck Lights

12v LIGHT w/ BATTERY CLIPS

•Plastic lamp guard w/swivel hang hook •50w "Rough Service" incandescent bulb (included) •Alligator clips •Durable push on/off switch •Black flame retardant polypropylene handle •Thermoplastic cord insulation

Part No. SL-412, 18/2 gauge cord, 20 ft. cord length.

12v FLUORESCENT EMERGENCY/ WORK LIGHT

•12v cigarette lighter adapter •Emergency/ work light runs from DC power outlet •Cool running 13w 10,000 hour rated bulb (included) •Equivalent to 75w incandescent bulb w/natural daylight illumination •High impact lamp protector w/high gloss reflector •Flame retardant yellow polypropylene handle •Electronic ballast for instant no-flicker cold weather starts •Rocker on/off switch •Convenient & versatile nylon tipped double hang hook

Part No. SL-512, 18/2 gauge cord, 20 ft. cord length.
Part No. SL-512T, 18/2 gauge cord, 65 ft. cord len

12v 26w DOUBLE-BRITE PRO-GRADE FLUORESCENT EMERGENCY/WORK LIGHT

•12v cigarette lighter adapter •Emergency/ work light runs from DC power outlet •2 cool running 13w 10,000 hour rated bulbs (included) •Equivalent to 125w incandescent bulb w/natural daylight illumination •High impact lamp protector w/high gloss reflector •Hang hook & tool hook •Flame retardant yellow polypropylene handle •Electronic ballast for instant no-flicker cold weather starts •Dual rocker on/off switch

Part No. SL-912T, 18/2 gauge cord, 65 ft. cord length.

12v 35w HALOGEN CLAMP WORK LIGHT

•12v hand held 35w halogen light •Adjustable head directs light to where it's needed •12v - 35w bi-pin halogen bulb with spare bulb (included) •12v cigarette lighter adapter •Convenient hang hook & heavy duty clamp for hands free operation •Comfortable foam grip handle •Rocker on/off switch

Part No. SL-1012, 18/2 gauge cord, 20 ft. cord length.

Incandescent Utility Lights

NON-METALLIC INCANDESCENT UTILITY LIGHT

•High temp resistant plastic guard with hang hook •Black flame retardant polypropylene handle •Durable push on/off switch

Part No. SL-421, 18/2 gauge cord, 25 ft. cord length.

PROFESSIONAL SERIES METAL SHIELD INCANDESCENT UTILITY LIGHTS

•Galvanized metal lamp shield w/rubber tipped hang hook •Polarized plug •Flame retardant yellow polypropylene handle •Up to 75w incandescent bulb (not included) •Durable push on/off switch

Part No. SL-425, 18/3 gauge cord w/10 amp grounded receptacle, 25 ft. cord length.
Part No. SL-426, 18/3 gauge cord w/10 amp grounded receptacle, 50 ft. cord length.
Part No. SL-425A, 16/3 gauge cord w/12 amp grounded receptacle, 25 ft. cord length.
Part No. SL-426A, 16/3 gauge cord w/12 amp grounded receptacle, 50 ft. cord length.

BAYCO
Incandescent Work Light Reels

PROFESSIONAL SERIES METAL SHIELD INCANDESCENT UTILITY LIGHT ON PLASTIC REEL

•Impact resistant polyethylene retractable reel •Galvanized metal lamp shield w/rubber tipped hang hook •Flame retardant yellow polypropylene handle •Polarized plug w/7 amp grounded receptacle •7 amp resettable circuit breaker •Durable push on/off switch •Up to 75w incandescent bulb (not included)
Part No. SL-450, 18/3 gauge cord, 20 ft. cord length.

PROFESSIONAL SERIES METAL SHIELD INCANDESCENT UTILITY LIGHT ON 50 FT. METAL REEL

•Heavy-duty metal retractable reel •Galvanized metal lamp shield w/rubber tipped hang hook •Flame retardant black polypropylene handle •Durable push on/off switch •Up to 75w incandescent bulb (not included) •Mounting brackets included
Part No. SL-851, 18/3 gauge cord, 50 ft. cord length.

PROFESSIONAL SERIES METAL SHIELD INCANDESCENT UTILITY LIGHT w/ TOOL TAP ON 40 FT. METAL REEL

•Heavy-duty metal retractable reel •Galvanized metal lamp shield w/rubber tipped hang hook •Polarized plug w/10amp grounded receptacle •Flame retardant yellow polypropylene handle •Durable push on/off switch •Up to 75w incandescent bulb (not included) •Mounting brackets included
Part No. SL-840, 16/3 gauge cord, 40 ft. cord length.

BAYCO
Life Depends on Light™

Fluorescent Work Light Reels

13w FLUORESCENT WORK LIGHT ON 20 FT. PLASTIC REEL

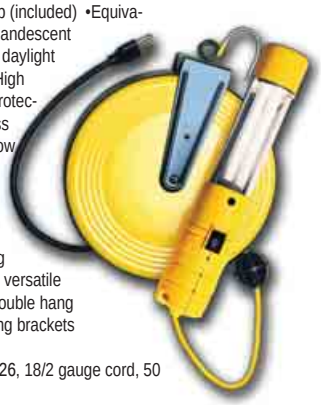
•Impact resistant polyethylene retractable reel •Cool running 13w 10,000 hour rated bulb (included) •Equivalent to 75w incandescent bulb w/natural daylight illumination •High impact lamp protector w/high gloss reflector •Clear chemical resistant lamp protector •Polarized plug •7 amp resettable circuit breaker •Rocker on/off switch •Yellow polypropylene handle
Part No. SL-651, 18/2 gauge cord, 20 ft. cord length.

13w FLUORESCENT ANGLE WORK LIGHT ON 30 FT. METAL REEL

•Heavy duty metal retractable reel •Cool running 13w 10,000 hour rated bulb (included) •Equivalent to 75w incandescent bulb w/natural daylight illumination •High impact lamp protector w/high gloss reflector •Yellow polypropylene handle •Durable push on/off switch •Polarized plug w/10amp grounded receptacle •Convenient hang hook •Mounting brackets included
Part No. SL-821, 16/3 gauge cord, 30 ft. cord length.

13w FLUORESCENT WORK LIGHT ON 50 FT. METAL REEL

•Heavy duty metal retractable reel •Cool running 13w 10,000 hour rated bulb (included) •Equivalent to 75w incandescent bulb w/natural daylight illumination •High impact lamp protector w/high gloss reflector •Yellow polypropylene handle •Durable push on/off switch •Polarized plug •Convenient & versatile nylon tipped double hang hook •Mounting brackets included
Part No. SL-826, 18/2 gauge cord, 50 ft. cord length.



ROUGH DUTY 13w FLUORESCENT WORK LIGHT w/ SPOT WORK LIGHT & TOOL TAP ON 40 FT. METAL REEL

•Heavy duty metal retractable reel •Cool running 13w 10,000 hour rated bulb (included) •Equivalent to 75w incandescent bulb w/natural daylight illumination •Polarized plug w/10amp grounded receptacle •High impact lamp protector w/high gloss reflector •Yellow polypropylene handle •Durable push on/off switch •Nylon tipped double hang hook & convenient magnetic clamp •Mounting brackets included
Part No. SL-825, 16/3 gauge cord, 40 ft. cord length.

OSHA 13w FLUORESCENT WORK LIGHT ON 50 FT. METAL REEL

•Heavy duty metal retractable reel •Cool running 13w 10,000 hour rated bulb (included) •Equivalent to 75w incandescent bulb w/natural daylight illumination •High impact lamp protector w/high gloss reflector •Polarized plug •Clear chemical resistant lamp protector •Convenient & versatile nylon tipped double hang hook •Mounting brackets included •Ballast enclosed near plug end of cord
Part No. SL-827, 18/2 gauge cord, 50 ft. cord length.

15w FLUORESCENT WORK LIGHT ON 50 FT. METAL REEL

•Heavy duty metal retractable reel •15w 7,000 hour rated bulb (included) •Extra long 17" high impact lamp protector w/high gloss reflector •Plastic hang hook on one end plus 2 metal hooks for hanging versatility •Mounting brackets included
Part No. SL-823, 18/2 gauge cord, 50 ft. cord length.

Fluorescent Work Light Reels

18w FLUORESCENT WORK LIGHT w/TOOL TAP ON 40 FT. METAL REEL

•Heavy duty metal retractable reel •2 cool running 9w 10,000 hour rated bulbs (included) •Equivalent to 100w incandescent bulb w/natural daylight illumination •Innovative retractable & removable nylon tipped double hang hook rotates 360° •Unique strain relief allows cord to swivel 90° •Polarized plug with 10amp grounded receptacle •Clear polycarbonate top for spot lighting •High impact lamp protector w/high gloss reflector •Convenient magnet clamp & mounting brackets included
Part No. SL-818, 16/3 gauge cord, 40 ft. cord length.

26w DOUBLE-BRITE PRO GRADE FLUORESCENT WORK LIGHT w/TOOL TAP ON 40 FT. METAL REEL

•Heavy duty metal retractable reel w/flame retardant yellow polypropylene handle •2 cool running 13w 10,000 hour rated bulbs (included) •Equivalent to 125w incandescent bulb w/natural daylight illumination •Polarized plug with 12amp grounded receptacle •Clear chemical & UV resistant lamp protector •High impact lamp protector w/high gloss reflector •Independent rocker on/off switches •Hang hook & convenient magnetic clamp •Mounting brackets included
Part No. SL-875, 16/3 gauge cord, 40 ft. cord length.

ROUGH DUTY 13w FLUORESCENT WORK LIGHT w/SPOT WORK LIGHT & TOOL TAP ON 50 FT. PROFESSIONAL REEL

•40% larger cord reel w/smooth glide rewind •Cool running 13w 10,000 hour rated bulb (included)
•Equivalent to 75w incandescent bulb w/natural daylight illumination •Polarized plug with 12amp grounded receptacle •Resettable 13amp circuit breaker •High impact lamp protector w/high gloss reflector •Durable push on/off switch •Nylon tipped double hang hook & convenient magnetic clamp •Mounting brackets included
Part No. SL-8907, 14/3 gauge cord, 50 ft. cord length.

18w FLUORESCENT WORK LIGHT w/TOOL TAP ON 50 FT. PROFESSIONAL REEL

•40% larger cord reel w/smooth glide rewind •2 cool running 9w 10,000 hour rated bulbs (included) •Equivalent to 100w incandescent bulb w/natural daylight illumination •Innovative retractable & removable nylon tipped double hang hook rotates 360° •Unique 90° cord swivel pivots cord for hands free stand up use •Flame retardant yellow polypropylene handle w/12 amp grounded receptacle •Clear polycarbonate top for spot lighting •High impact lamp protector w/high gloss reflector •Convenient magnet clamp & mounting brackets included
Part No. SL-8918, 14/3 gauge cord, 50 ft. cord length.

26w DOUBLE BRITE PRO GRADE FLUORESCENT WORK LIGHT w/TOOL TAP ON 50 FT. PROFESSIONAL REEL

•40% larger cord reel w/smooth glide rewind •2 cool running 13w 10,000 hour rated bulbs (included) •Equivalent to 125w incandescent bulb w/natural daylight illumination •Flame retardant yellow polypropylene handle w/12 amp grounded receptacle •Resettable 13amp circuit breaker •High impact lamp protector w/high gloss reflector •Independent rocker on/off switches •Hang hook & convenient magnetic clamp included •Mounting brackets included
Part No. SL-8908, 14/3 gauge cord, 50 ft. cord length.

LED Work Light Reel

PROFESSIONAL SERIES LED WORK LIGHT ON 30 FT. METAL REEL

•Heavy duty metal retractable reel •Each LED emitter light is rated up to 70,000 hours •Compact 1-1/4" diameter for access to tight areas •Tough, practically indestructble work light •Convenient push button on/off switch •Convenient hang hook •Mounting brackets included
Part No. SL-2110, 30 LED emitter lights, 18/2 gauge cord.
Part No. SL-2112, 60 LED emitter lights, 18/2 gauge cord.

Cord Reels

ADD-A-CORD QUAD PLUG CORD REEL w/ CIRCUIT BREAKER

•4 outlet powerized reel works with almost any single tap extension cord •Brings the power to the work site •Holds up to 100 ft. of 16 & 14 gauge extension cords and up to 75 ft. of 12 gauge •Impact resistant polypropylene hand wind reel •Polarized plug w/ 4 grounded receptacles •Resettable 11 amp circuit breaker •Durable steel stand w/grip handle
Part No. K-2000.

QUAD PLUG CORD REEL

•Impact resistant polypropylene hand wind reel •Polarized plug w/ 4 grounded receptacles •Resettable 10 amp circuit breaker
Part No. SL-755, 16/3 gauge cord, 25 ft. cord length.

HEAVY DUTY 30 FT. TRIPLE TAP RETRACTABLE REEL

•Heavy duty metal retractable reel •Polarized plug w/ three 10 amp grounded receptacle •Brackets for wall or ceiling mounting included •LED power status light
Part No. SL-800, 16/3 gauge cord, 30 ft. cord length.

BAYCO Cord Reels

SL-105

SL-100

SL-204

PROFESSIONAL 50 FT. TRIPLE TAP RETRACTABLE REEL

•40% larger cord reel w/smooth glide rewind •Polarized plug w/ three 13 amp grounded receptacles •Resettable 13 amp circuit breaker •LED power status light •Mounting brackets included
Part No. SL-8903, 14/3 gauge cord, 50 ft. cord length.

PROFESSIONAL 50 FT. QUAD TAP RETRACTABLE REEL

•40% larger cord reel w/smooth glide rewind •Polarized plug w/four 15 amp grounded receptacles •Resettable 15 amp circuit breaker •LED power status light •Mounting brackets included •Heavy duty 12/3 cord
Part No. SL-8904, 12/3 gauge cord, 50 ft. cord length.

Work Light & Reel Accessories

Part No. SL-105, Replacement non-metallic lamp guard for incandescent work lights & reels.
Part No. SL-100, Replacement metallic lamp guard for incandescent work lights & reels.
Part No. SL-204, Incandescent work light kit.
Part No. SL-202, Replacement tube assembly for 900 series fluorescent work lights.
Part No. SL-202A, Replacement tube assembly for pro series lights.

BAYCO
Life Depends on Light™

Incandescent Clamp Lights

5½" CLAMP LIGHT w/ ALUMINUM REFLECTOR

•Spring steel clamp w/ scratch resistant vinyl sleeve •Rated at up to 75w incandescent (bulb not included) •Adjustable ball joint for easy positioning •Energy saving durable on/off switch
Part No. SL-201PDQ6, 18/2 gauge cord, 6 ft. cord length.

8½" CLAMP LIGHT w/ ALUMINUM REFLECTOR

•Spring steel clamp w/ scratch resistant vinyl sleeve •Rated at up to 150w incandescent (bulb not included) •Adjustable ball joint for easy positioning •Energy saving durable on/off switch
Part No. SL-300B4, 18/2 gauge cord, 6 ft. cord length.

8½" CLAMP LIGHT w/ ALUMINUM REFLECTOR w/ GRIP-TITE SUPER CLAMP

•Heavy duty spring steel clamp w/ scratch resistant vinyl sleeve •Rated at up to 150w incandescent (bulb not included) •Adjustable ball joint for easy positioning •Energy saving durable on/off switch
Part No. SL-301B4, 18/2 gauge cord, 6 ft. cord length.

10½" CLAMP LIGHT w/ ALUMINUM REFLECTOR

•Lights 50% more area than standard 8-1/2" clamp light •Spring clamp w/ scratch resistant vinyl sleeve •Rated at up to 200w incandescent (bulb not included) •Adjustable ball joint for easy positioning •Energy saving durable on/off switch
Part No. SL-310B4, 18/2 gauge cord, 6 ft. cord length.

10½" CLAMP LIGHT w/ ALUMINUM REFLECTOR w/ GRIP-TITE SUPER CLAMP

•Lights 50% more area than standard 8-1/2" clamp light •Heavy duty spring clamp w/ scratch resistant vinyl sleeve •Rated at up to 200w incandescent (bulb not included) •Adjustable ball joint for easy positioning •Energy saving durable on/off switch
Part No. SL-311B4, 18/2 gauge cord, 6 ft. cord length.

35w HALOGEN CLAMP WORK LIGHT

•Hand held 35w halogen light •Adjustable head directs light to where it's needed •35w bi-pin halogen bulb with spare bulb included •Convenient hang hook & heavy duty clamp for hands free operation •Comfortable foam grip handle •Rocker on/off switch
Part No. SL-1000, 18/3 gauge cord, 1 ft. cord length.

Halogen Work Lights

STANDARD 500w HALOGEN PROJECT WORK LIGHT

•Tempered glass lens w/metal safety grill •Foam grip "S" type handle •500w halogen bulb with spare bulb included •Durable powder coat finish
Part No. SL-1002, 18/3 gauge cord, 3 ft. cord length.

PROFESSIONAL 500w HALOGEN WORK LIGHT

•500w halogen bulb with spare bulb included •Closed "V" handle for non slip grip •30% larger housing for durability and wider base for tip-over stability •Weatherproof on/off switch •Tempered glass lens w/metal safety grill •Durable powder coat finish •Spare bulb in protective bulb holder
Part No. SL-1003, 18/3 gauge cord, 5 ft. cord length.

PROFESSIONAL 600w HALOGEN PROJECT WORK LIGHT

•Includes 2 x 300w halogen bulbs plus spare bulb •Dual switch provides 2 light levels - 300w & 600w of halogen light •30% larger housing for durability and wider base for tip-over stability •Tempered glass lens w/metal safety grill •Durable powder coat finish
Part No. SL-1032, 18/3 gauge cord, 6 ft. cord length.

PROFESSIONAL HEAVY DUTY 750w HALOGEN PROJECT WORK LIGHT

•Includes 500w & 250w halogen bulbs •Dual switch provides 3 light levels - 250w-500w-750w of halogen light •Largest housing for maximum durability and wider base for tip-over stability •Tempered glass lens w/metal safety grill •Durable powder coat finish
Part No. SL-1042, 16/3 gauge cord, 6 ft. cord length.

STANDARD 500w SINGLE HEAD CONVERTIBLE TRIPOD MINI TOWER HALOGEN WORK LIGHT

•40" mini telescoping convertible tripod •Includes 500w halogen bulb •Removable light rack easily converts into portable fixture •Tempered glass lens w/metal safety grill
Part No. SL-1022, 18/3 gauge cord, 6 ft. cord length.

STANDARD 500w TWIN HEAD CONVERTIBLE TRIPOD MINI TOWER HALOGEN WORK LIGHT IN MOLDED CASE

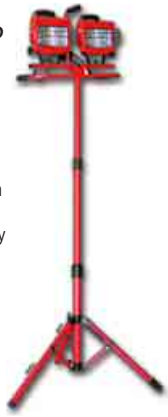
•40" mini telescoping convertible tripod •2 x 250w halogen bulbs •Separate dimmer switches provide 4 light levels -125w-250w-375w-500w of halogen light •Removable light rack easily converts into a portable fixture •Tempered glass lens w/metal safety grill •Includes convenient molded storage case
Part No. SL-2250C, 18/3 gauge cord, 6 ft. cord length.

STANDARD 1000w TWIN HEAD CONVERTIBLE TRIPOD TOWER HALOGEN WORK LIGHT

•Approx 6 ft. telescoping tripod w/adjustable leg for leveling on uneven surfaces •2 x 500w halogen bulbs with spare bulb in protective bulb holder •Removable light rack easily converts into a portable fixture •Separate switches provide 2 light levels - 500w & 1000w of halogen light •Tempered glass lens w/metal safety grill •Durable powder coat finish
Part No. SL-1005, 18/3 gauge cord, 6 ft. cord length.

PROFESSIONAL 1000w TWIN HEAD CONVERTIBLE TRIPOD TOWER HALOGEN WORK LIGHT

•8 ft. telescoping tripod w/adjustable leg for leveling on uneven surfaces •2 x 500w halogen bulbs with spare included •Separate switches provide 2 light levels - 500w & 1000w of halogen light •Tempered glass lens w/metal safety grill •Removable light rack easily converts into a portable fixture •Spare bulb in protective bulb holder •Extra wide tubing •Unique stabilizing head bracket
Part No. SL-1006, 18/3 gauge cord, 6 ft. cord length.



PROFESSIONAL 1200w TWIN HEAD CONVERTIBLE TRIPOD TOWER HALOGEN WORK LIGHT

•Approx 7 ft. telescoping tripod w/adjustable leg for leveling on uneven surfaces •4 x 300w halogen bulbs with spare bulb in protective bulb holder •Removable light rack easily converts into a portable fixture •Dual switches provide 4 light levels -300w -600w-900w-1200w of halogen light •Tempered glass lens w/metal safety grill •Durable powder coat finish
Part No. SL-1062, 18/3 gauge cord, 8 ft. cord length.

PROFESSIONAL HEAVY DUTY 1500w TWIN HEAD CONVERTIBLE TRIPOD TOWER HALOGEN WORK LIGHT

•Approx 8 ft. telescoping tripod w/adjustable leg for leveling on uneven surfaces •2 x 250w & 2 x 500w halogen bulbs with spare bulb in protective bulb holder •Removable light rack easily converts into a portable fixture •Dual switches provide 6 light levels -250w -500w-750w-1000w-1250w-1500w •Tempered glass lens w/metal safety grill •Durable powder coat finish
Part No. SL-1082, 16/3 gauge cord, 10 ft. cord length.

REPLACEMENT BULBS

Part No. SL-235, Halogen work light bulb for 35w halogen clamp work lights.
Part No. SL-209PDQ, Halogen work light bulb for 500w halogen work lights.
Part No. SL-225PDQ, Halogen work light bulbs twin pack for 250w halogen work lights.
Part No. SL-230PDQ, Halogen work light bulbs twin pack for 300w halogen work lights.

BAYCO®
Life Depends on Light™

WOODHEAD CANADA
Lighting Products

DROP-LITE® MOLDED NYLON TROUBLE LIGHT
With switch and side outlet. Heavy plated steel quick open guard and reflector. 100 watt CSA certified and UL listed. 16-3 SJTO cord.
Part No. 402, 25 ft. cord.
Part No. 405, 50 ft. cord.

RUGGEDLY BUILT 25 FT. BARE CORD REEL
Features include: All steel unit, automatic spring retraction, ratchet lock, circuit breaker protection, 16-3 SJOW cable, CSA certified.
Part No. 927.

RUGGEDLY BUILT 25 FT. CORD REEL WITH DROP-LITE® TROUBLE LIGHT
Reel features include: All steel unit, automatic spring retraction, ratchet lock, circuit breaker protection, 16-3 SJOW cable, CSA certified. Trouble Light features include: Switch and side outlet. 100 watt rating.
Part No. 927HL.

RUGGEDLY BUILT 40 FT. CORD REEL WITH 13 WATT FLUORESCENT WORK LIGHT
Features include: All steel unit, automatic spring retraction, ratchet lock, plug-in ballast, on/off switch, 18-2 SJTW cable, and includes hardware for ceiling or wall mounting.
Part No. 927FL.

TOUGH, PORTABLE HAZARDOUS DUTY INCANDESCENT HAND LAMP
Meets UL, CSA, and NEC Article 500 hazardous location requirements. Certified for Class I, Division 1, Group C and D, Class II, Division 1, Group F and G. 120 V AC hand lamp only, no cord, bulb not included.
Part No. 61430.

PORTABLE 26 WATT HAZARDOUS DUTY FLUORESCENT HAND LAMP
Meets UL, CSA, and NEC Article 500 hazardous location requirements. Certified for Class I, Division 1, Group C and D, Class II, Division 1, Group F and G. 120 V AC hand lamp only, no cord, bulb included.
Part No. 1090HZ.

REPLACEMENT PARTS
Part No. 400-3, Replacement Drop-Lite® handle and guard assembly for #402, 405, and 927HL.
Part No. 40-5660, Replacement quick open steel guard for #402, 405, and 927HL.
Part No. 34-0350, Replacement 13 watt fluorescent tube for #927FL cord reel - 4 pin (old style).
Part No. CFDS827, Replacement fluorescent tube for #927FL cord reel - (2 pin, ½" x ½" block on one end, 7" overall length).

CLIPLIGHT
Trouble Lights & Accessories

221308

200306

REEL-O-MATIC RETRACTABLE CORD REEL/TROUBLE LIGHTS
Cord pulls out of reel to any length and locks. Automatically retracts with a tug of the cord. All cord reel trouble lights listed are incandescent. Complete with hardware for ceiling or wall mounting.

PART NO.	DESCRIPTION	WIRE GAUGE	TYPE
200306	6 metre cord reel/trouble light with power receptacle and circuit breaker	18/3	SVT
200312	12 metre cord reel/trouble light	18/3	SJT
221308	9 metre cord reel with tri-tap power receptacle and circuit breaker	16/3	SJT

100307

101315

PROFESSIONAL INCANDESCENT TROUBLE LIGHTS
Incandescent trouble lights fitted with on/off switch. Available in various lengths.

PART NO.	DESCRIPTION	WIRE GAUGE	TYPE
100307	Trouble light c/w 7 metre cord with outlet handle	16/3	SJTW
100315	Trouble light c/w 15 metre cord with outlet handle	16/3	SJTW
101307	Trouble light c/w 7 metre cord with outlet and circuit breaker handle	16/3	SJOW
101315	Trouble light c/w 15 metre cord with outlet and circuit breaker handle	16/3	SJOW
100505	Trouble light c/w 12 volt; 5 metre cord with plastic guard; includes bulb	18/2	PXWT

111207

111307

PROFESSIONAL FLUORESCENT TROUBLE LIGHTS
Bright 13 or 15 watt bulb equivalent to 75 watt brightness. Cool in use, shatter resistant high impact case and outer housing. On/off switch. Hanging hook allows 360° rotation.

PART NO.	DESCRIPTION	WIRE GAUGE	TYPE
111207	7 metre cord with 14" 15 watt tube	18/2	SJOW
111307	7 metre cord with 7" 13 watt tube; with magnetic base	16/3	SJT

Replacement bulbs:
400012 ..... 12 volt, 50 watt incandescent rough service bulb
410115 ..... 15 watt, 14" fluorescent tube
410113RS ..... 13 watt, 7" fluorescent tube

CLIPLIGHT

Trouble Lights & Accessories

PREMIUM QUALITY SERVICE LIGHTS

Convenient multi-directional on/off switch. Hinged plated steel safety guard. Durable impact-resistant polycarbonate handle. CSA approved.

PART NO.	DESCRIPTION	WIRE GAUGE	TYPE
Medium Duty			
76-9770EA	7 metre cord with outlet handle	16/3	SJOW
76-9771EA	15 metre cord with outlet handle	16/3	SJOW
76-9717EA	7 metre cord with outlet handle	16/3	SJTW
76-9718EA	15 metre cord with outlet handle	16/3	SJTW
Heavy Duty with Retracting Cord Reel			
Rugged duty service light with the same features as shown above, on a heavy duty retractable cord reel.			
76-9729EA	7 metre cord reel with outlet handle	16/3	SJEOW
Replacement Parts			
76-9734EA	3 conductor handle and guard with multi-directional switch and outlet		
76-9761EA	Multi-directional switch		
76-9970EA	Metal guard for trouble lights		

76-9770EA

76-9734EA

76-9761EA

76-9970EA

76-9717EA

TROUBLE LIGHT

Accessories

TROUBLE LIGHT GUARD
Metal.
Part No. 548350.

TROUBLE LIGHT HANDLE
Rubber.
Part No. 141.

SOCKET SWITCH
For #141 handle.
Part No. 942-S.

12 VOLT TROUBLE LIGHT
4.5 metre, 50 watt, 12 volt trouble light. With clips for battery terminal attachment, swivel hook on plastic cage.
Part No. 546085.

REPLACEMENT BULB
50 watt, 12 volt replacement bulb for #546085.
Part No. 12V.

EAGLE

Plugs & Receptacles

	15A - 125V	20A - 125V	30A - 125V	50A - 125V	15A - 250V	20A - 250V	30A - 250V	50A - 250V
MALE PLUGS								
Black Rubber	867							
Yellow Vinyl	4867 / 5965Y	4409			4866	4509		
Black Univ. Vinyl			41	41			42	42
FEMALE PLUGS								
Black Rubber	887							
Yellow Vinyl	4887 / 5969Y							
RECEPTACLES								
Ivory Wall Single	817V	1877V			816V	1876V		
Black Surface			1231	1251			1232	1252
3 Way Cube Tap	185							
Wall Plate — Stainless Steel	93091	93091			93091	93091		

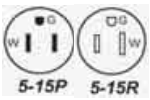
HEAVY DUTY PLUGS & CONNECTORS

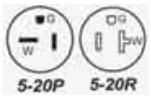
Features: •Devices are UL listed and CSA certified •Totally insulated impact and crush resistant nylon body •Clamp type terminals provide a superior electrical connection by bundling the conductor strands when clamps are tightened •Powerful cord grips prevent conductor slippage and strain on wiring terminals •Removable cord inserts, device accommodates a wide range of cord sizes •Yellow

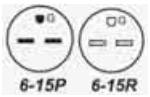
HEAVY DUTY PLUGS & CONNECTORS

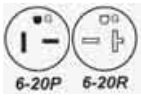
Features: •Devices are UL listed and CSA certified •Individually molded face for each blade configuration keeps debris out of plug interior •Roomy wiring chamber provides ample space for wiring •Ribbed nylon housing is impact and chemical resistant •Beveled housing prevents snagging when dragged across uneven surfaces •Integral VARI-SIZE insert adjusts to a wide range of cord sizes •Transparent angled wiring entrance holes permit "straight in" conductor insertion •*Twist to Lock devices are designed to prevent accidental disconnection* •Black & White

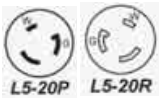
Please note All HP ratings are AC only

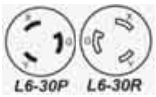


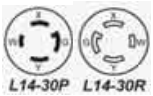


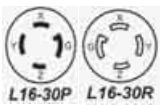












PART NO.	DESCRIPTION	TYPE	RATING	NEMA CONFIGURATION
LV5256VY	Plug	2 Pole /3 Wire	15A, 125V, 0.5 HP	5-15P
LV5259VY	Connector	2 Pole /3 Wire	15A, 125V	5-15R
PS5266X	Plug	2 Pole /3 Wire	15A, 125V, 0.5 HP	5-15P
CW6265	8 Position Angle Plug	2 Pole /3 Wire	15A, 125V, 0.5 HP	5-15P
PS5269XHG	Connector	2 Pole /3 Wire	15A, 125V	5-15R
PS5366X	Plug	2 Pole /3 Wire	20A, 125V, 1 HP	5-20P
PS5369X	Connector	2 Pole /3 Wire	20A, 125V	5-20R
CW6666	Plug	2 Pole /3 Wire	15A, 250V, 1.5 HP	6-15P
CW6669	Connector	2 Pole /3 Wire	15A, 250V	6-15R
CW6866	Plug	2 Pole /3 Wire	20A, 250V, 2 HP	6-20P
CW6869	Connector	2 Pole /3 Wire	20A, 250V	6-20R
PSL515P	Twist to Lock Plug	2 Pole /3 Wire	15A, 125V, 0.5 HP	L5-15P
PSL515C	Twist to Lock Connector	2 Pole /3 Wire	15A, 125V	L5-15R
CWL615P	Twist to Lock Plug	2 Pole /3 Wire	15A, 250V, 1.5 HP	L6-15P
CWL615C	Twist to Lock Connector	2 Pole /3 Wire	15A, 250V	L6-15R
PSL520P	Twist to Lock Plug	2 Pole /3 Wire	20A, 125V, 1 HP	L5-20P
PSL520C	Twist to Lock Connector	2 Pole /3 Wire	20A, 125V	L5-20R
PSL620P	Twist to Lock Plug	2 Pole /3 Wire	20A, 250V, 2 HP	L6-20P
PSL620C	Twist to Lock Connector	2 Pole /3 Wire	20A, 250V	L6-20R
PSL530P	Twist to Lock Plug	2 Pole /3 Wire	30A, 125V, 2 HP	L5-30P
PSL530C	Twist to Lock Connector	2 Pole /3 Wire	30A, 125V	L5-30R
PSL630P	Twist to Lock Plug	2 Pole /3 Wire	30A, 250V, 2 HP	L6-30P
PSL630C	Twist to Lock Connector	2 Pole /3 Wire	30A, 250V	L6-30R
PSL1420P	Twist to Lock Plug	3 Pole /4 Wire	20A, 125/250V, 2 (1) HP	L14-20P
PSL1420C	Twist to Lock Connector	3 Pole /4 Wire	20A, 125/250V	L14-20R
PSL1520P	Twist to Lock Plug	3 Pole /4 Wire	20A, 3Ø 250V, 3 HP	L15-20P
PSL1520C	Twist to Lock Connector	3 Pole /4 Wire	20A, 3Ø 250V	L15-20R
PSL1430P	Twist to Lock Plug	3 Pole /4 Wire	30A, 125/250V, 2 (2) HP	L14-30P
PSL1430C	Twist to Lock Connector	3 Pole /4 Wire	30A, 125/250V	L14-30R
PSL1530P	Twist to Lock Plug	3 Pole /4 Wire	30A, 3Ø 250V, 3 HP	L15-30P
PSL1530C	Twist to Lock Connector	3 Pole /4 Wire	30A, 3Ø 250V	L15-30R
LV16102731000	Twist to Lock Plug	3 Pole /4 Wire	30A, 3Ø 480V, 10 HP	L16-30P
LV16502733000	Twist to Lock Connector	3 Pole /4 Wire	30A, 3Ø 480V	L16-30R

WIRE & CABLE

Part No. 2116-SJOOW, 2 wire 16 ga. 300 volt 'SJOOW' cable.
Part No. 2114-SJOOW, 2 wire 14 ga. 300 volt 'SJOOW' cable.

Part No. 3116-SJOOW, 3 wire 16 ga. 300 volt 'SJOOW' cable.
Part No. 3114-SJOOW, 3 wire 14 ga. 300 volt 'SJOOW' cable.

Part No. 3116-SJTW, 3 wire 16 ga. 300 volt 'SJTW' cable.
Part No. 3114-SJTW, 3 wire 14 ga. 300 volt 'SJTW' cable.

Part No. 3116-SOOW, 3 wire 16 ga. 600 volt 'SOOW' cable.
Part No. 3114-SOOW, 3 wire 14 ga. 600 volt 'SOOW' cable.
Part No. 3112-SOOW, 3 wire 12 ga. 600 volt 'SOOW' cable.
Part No. 3110-SOOW, 3 wire 10 ga. 600 volt 'SOOW' cable.

TYPE SJOOW - 300 volt, black neoprene cold weather rated, resistant to oil and water

TYPE SJTW - 300 volt, PVC insulation, weatherproof, resistant to oil, grease, gas and acids - yellow

TYPE SOOW - 600 volt, rubber insulation - black, resistant to oil and water

GROTE

Portable Extension Cord

•Spooled •Flame retardant neoprene jacket

PART NO.	GAUGE	CONDUCTOR	OUTSIDE DIA.	STRANDING	LENGTH (m)	LENGTH (ft.)
82-5901RL	14	2 conductor	.340"	41 x .010"	30.5	100
82-5902RL	14	2 conductor	.340"	41 x .010"	15.2	50
82-5904RL	14	3 conductor	.365"	41 x .010"	30.5	100
82-5905RL	14	3 conductor	.365"	41 x .010"	15.2	50
82-5907RL	16	3 conductor	.330"	26 x .010"	30.5	100
82-5908RL	16	3 conductor	.330"	26 x .010"	15.2	50

Grote
The first name in vehicle safety systems

TECHSPAN

Neoprene Jacketed Extension Cable

•Extra tough extension cable •Oil, moisture, and abrasion resistant •CSA to 300 volts

Part No. 76-9039RL, 250 ft. spool extension cable, SJOW 3/18 ga.
Part No. 76-9033RL, 250 ft. spool extension cable, SJOW 3/16 ga.
Part No. 76-9034RL, 250 ft. spool extension cable, SJOW 2/14 ga.
Part No. 76-9035RL, 250 ft. spool extension cable, SJOW 3/14 ga.

ta
TECHSPAN AUTOMOTIVE

PROCORE

Electrical Products

POWER-UP™ OUTDOOR EXTENSION CORDS — THREE CONDUCTOR

PART NO.	DESCRIPTION	WIRE GAUGE	TYPE	COLOUR
20-0103	3 metre single outlet	16-3	SJTW	Orange w/ black taps
20-0105	5 metre single outlet	16-3	SJTW	Orange w/ black taps
20-0110	10 metre single outlet	16-3	SJTW	Orange w/ black taps
20-0115	15 metre single outlet	16-3	SJTW	Orange w/ black taps
20-0130	30 metre single outlet	16-3	SJTW	Orange w/ black taps
20-0208	8 metre single outlet	14-3	SJTW	Yellow w/ black taps
20-0215	15 metre single outlet	14-3	SJTW	Yellow w/ black taps
20-0410	10 metre triple outlet	16-3	SJTW	Orange w/ black taps
20-0415	15 metre triple outlet	16-3	SJTW	Orange w/ black taps
20-0430	30 metre triple outlet	16-3	SJTW	Orange w/ black taps
20-0508	8 metre triple outlet	14-3	SJTW	Yellow w/ black taps
20-0515	15 metre triple outlet	14-3	SJTW	Yellow w/ black taps
20-0530	30 metre triple outlet	14-3	SJTW	Yellow w/ black taps
20-5001	0.6 metre triple outlet T-Tap	12-3	STW	Yellow w/ black taps

20-0515

20-5001

PROCORE

FREEZE FLEX™ COLD WEATHER EXTENSION CORDS — THREE CONDUCTOR

PART NO.	DESCRIPTION	WIRE GAUGE	TYPE	COLOUR
20-1502	2 metre triple outlet block heater	16-3	SJTW	Blue w/ black taps
20-1503	3 metre triple outlet block heater	16-3	SJTW	Blue w/ black taps
20-1505	5 metre triple outlet block heater	16-3	SJTW	Blue w/ black taps
20-3005	5 metre single outlet -50°C	16-3	SJTW (-50°C)	Blue w/ blue taps
20-3008	8 metre single outlet -50°C	16-3	SJTW (-50°C)	Blue w/ blue taps
20-3015	15 metre single outlet -50°C	16-3	SJTW (-50°C)	Blue w/ blue taps
20-3108	8 metre single outlet -50°C	14-3	SJTW (-50°C)	Blue w/ blue taps
20-3115	15 metre single outlet -50°C	14-3	SJTW (-50°C)	Blue w/ blue taps
20-3208	8 metre single outlet -50°C	12-3	SJTW (-50°C)	Blue w/ blue taps
20-3215	15 metre single outlet -50°C	12-3	SJTW (-50°C)	Blue w/ blue taps
20-3230	30 metre single outlet -50°C	12-3	SJTW (-50°C)	Blue w/ blue taps
20-3302	2 metre triple outlet -40°C	16-3	SJTW (-40°C)	Blue w/ blue taps
20-3303	3 metre triple outlet -40°C	16-3	SJTW (-40°C)	Blue w/ blue taps
20-3305	5 metre triple outlet -40°C	16-3	SJTW (-40°C)	Blue w/ blue taps
20-3310	10 metre triple outlet -40°C	16-3	SJTW (-40°C)	Blue w/ blue taps

INDUSTRIAL ICE™ COLD WEATHER EXTENSION CORDS W/ LED INDICATOR — THREE CONDUCTOR

PART NO.	DESCRIPTION	WIRE GAUGE	TYPE	COLOUR
20-2108	8 metre triple outlet w/ LED	14-3	SJTOW (-55°C)	Blue w/ black taps
20-2115	15 metre triple outlet w/ LED	14-3	SJTOW (-55°C)	Blue w/ black taps
20-2130	30 metre triple outlet w/ LED	14-3	SJTOW (-55°C)	Blue w/ black taps
20-2208	8 metre triple outlet w/ LED	12-3	SJTOW (-55°C)	Blue w/ black taps
20-2215	15 metre triple outlet w/ LED	12-3	SJTOW (-55°C)	Blue w/ black taps
20-2230	30 metre triple outlet w/ LED	12-3	SJTOW (-55°C)	Blue w/ black taps

INCANDESCENT TROUBLE LIGHT

10 metre cord with outlet. 16-3, SJTW. Orange.
Part No. 21-0210.

Replacement metal trouble light guard for #21-0210.
Part No. 21-0211.

ANGLED FLUORESCENT TROUBLE LIGHT

10 metre cord with outlet. 16-3, SJTW. Black.
Part No. 21-0410.

STRAIGHT FLUORESCENT TROUBLE LIGHT

10 metre cord with outlet. 16-3, SJTW. Yellow.
Part No. 21-0610.

CORDLESS LED ANGLE TROUBLE LIGHT

•28 bright LEDs •600mAh Ni-MH internal battery •AC and 12V vehicle charger included, CUL rated •360° fold-down hook for convenience and versatility •Conveniently operated on/off rocker switch in handle •ABS handle with rubber grip for comfort.
Part No. 21-0812.

MULTIPLE OUTLETS

Includes 7 outlets aligned side by side, and outlets with child proof slider and lighted rocker switch. 14-3, SJT. White. 1 metre cord.
Part No. 21-1002, Surge protected.
Part No. 21-1001, Not surge protected.

OUTLET ADAPTERS

cUL rated, 125 volts, 15 amps, grounded. Carded for display.
Part No. 21-1100, 3 outlet T-tap adapter.
Part No. 21-1101, 3 outlet T-tap straight adapter.
Part No. 21-1102, 3 outlet T-tap straight adapter with night light and sensor.
Part No. 21-1103, 3 outlet T-tap swivel style adapter.
Part No. 21-1106, 6 outlet wall tap adapter.

21-1102

21-1100

21-1101

21-1103

21-1106

PREMIUM OUTDOOR CORDS — "YELLOW JACKET®"
•SINGLE OUTLET WITH POWER INDICATOR LIGHT

•Excellent weather resistance — tough outer jacket will not crack in cold weather even as low as -50°C. During the hot weather, this tough outer jacket will not deform in heat up to 60°C.
•Heavy duty strain relief — these easy grip cord ends keep plug on cord.
•Powerlite™ indicator end — the clear ends are rugged, durable and light up when cord has power.
•High visibility — these yellow cords are very visible.
•Super flexibility — 30-50% more flexible than standard cords even at -50°C.
•Longer life — 3 times greater resistance to abrasion than standard vinyl cords.
Yellow Jacket® cords are designed with the special needs of the professional contractor in mind. Offers the best in durability, weather resistance, and flexibility.

PART NO.	GAUGE/ CONDUCTOR	WIRE TYPE	CORD LENGTH (m)	COLOUR
550087	14/3	SJTW premium	15	Yellow
550088	14/3	SJTW premium	30	Yellow

•GROUND FAULT CIRCUIT INTERRUPTERS — GFCI/SURGE/PLUG-IN ADAPTER

•Manual test-reset buttons — provides maximum safety.
•Rating — CSA rated for 15 amps, 1800 watts, 120 volts, 80 joules (measurement of energy) of surge protection.

Part No. 582762.

OUTDOOR CORDS
•STW JACKET 600 VOLTS; 3-OUTLET FANTAIL WITH POWER INDICATOR LIGHT

Tradesman™ Power Cords, extra thick STW jacket make these cords stand up to rough handling for lasting durability. Highly visible cord. 600 volt.

PART NO.	GAUGE/ CONDUCTOR	WIRE TYPE	CORD LENGTH (m)	COLOUR
545650	12/3	STW	1	Yellow
545653	12/3	STW	15	Yellow

OUTDOOR CORDS
•HIGH VISIBILITY SINGLE OUTLET YELLOW & BLACK

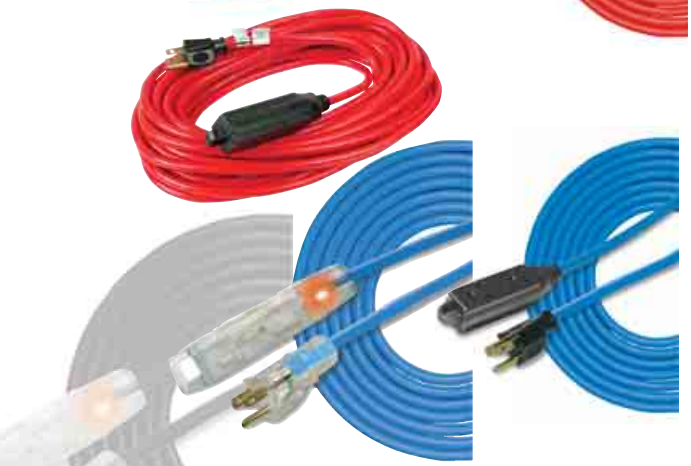
High visibility striped black and yellow for safety around the workshop, home projects or on the jobsite.

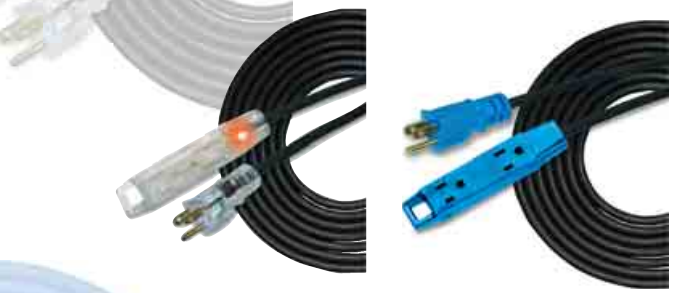
PART NO.	GAUGE/ CONDUCTOR	WIRE TYPE	CORD LENGTH (m)	COLOUR
510521	14/3	SJTW	15	Yellow/black
510522	14/3	SJTW	30	Yellow/black
550523	12/3	SJTW	15	Yellow/black
550524	12/3	SJTW	30	Yellow/black

OUTDOOR CORDS
•SINGLE OUTLET OUTDOOR CORDS

Outdoor cords are made with specially treated, double insulated jackets that offer the following: •Weather-proof •Resistant to UV rays •Stay flexible when in use even in extreme cold weather
•Powerlite™ indicator plug (in Power Indicator cords) glows when the cord has power

PART NO.	GAUGE/ CONDUCTOR	WIRE TYPE	CORD LENGTH (m)	COLOUR
Single Outlet:				
541504	16/3	SJTW	3	Orange
541506	16/3	SJTW	5	Orange
541522	16/3	SJTW	10	Orange
541548	16/3	SJTW	15	Orange
541564	16/3	SJTW	30	Orange
541570	14/3	SJTW	10	Red
541574	14/3	SJTW	15	Red
536778	14/3	SJTW	30	Red
541553	12/3	SJTW	15	Yellow
541554	12/3	SJTW	30	Yellow
Single Outlet with Power Indicator Light:				
541508	16/3	SJTW	5	Orange
541524	16/3	SJTW	10	Orange
541550	16/3	SJTW	15	Orange
541566	16/3	SJTW	30	Orange
541559	12/3	SJTW	15	Yellow
510085	12/3	SJTW	30	Yellow





OUTDOOR CORDS
•3-OUTLET OUTDOOR CORDS

PART NO.	GAUGE/ CONDUCTOR	WIRE TYPE	CORD LENGTH (m)	COLOUR
3-Outlet, 3 Conductors:				
545502	16/3	SJTW	10	Orange
545528	16/3	SJTW	15	Orange
545609	14/3	SJTW	10	Red
545612	14/3	SJTW	15	Red
545625	14/3	SJTW	30	Red
3-Outlet Fantail, 3 Conductors:				
550819	12/3	SJTW	15	Yellow
550820	12/3	SJTW	30	Yellow

WINTER CORDS
•3-OUTLET BLOCK HEATER CORDS

•Great for block heaters, battery blankets, car warmers, etc. •Durable — certified weatherproof, resists UV rays •Flexible to -30°C

PART NO.	GAUGE/ CONDUCTOR	WIRE TYPE	CORD LENGTH (m)	COLOUR
3-Outlet:				
545332	16/3	SJTW	3	Blue
545340	16/3	SJTW	5	Blue
3-Outlet with Power Indicator Light:				
511434	16/3	SJTW	3	Blue
511435	16/3	SJTW	5	Blue

WINTER CORDS
•POLAR WINTERFLEX™ 3-OUTLET POWER CORDS

•Tested to stay flexible even in -50°C •Female outlets won't constrict, making it easy to plug and unplug male ends after prolonged exposure to extreme cold •Resistant to oil and fuel

PART NO.	GAUGE/ CONDUCTOR	WIRE TYPE	CORD LENGTH (m)	COLOUR
3-Outlet:				
545779	16/3	SJOW	3	Black
545780	16/3	SJOW	5	Black
545781	16/3	SJOW	10	Black
545782	16/3	SJOW	15	Black
3-Outlet with Power Indicator Light:				
545337	16/3	SJOW	2	Black
545338	16/3	SJOW	5	Black
545339	16/3	SJOW	10	Black
545345	14/3	SJOW	10	Black
545346	14/3	SJOW	15	Black

WINTER CORDS
•COLDFLEX™ EXTREME COLD WEATHER CORDS

•ColdFlex™ jacket is meant for colder temperatures down to -50°C •Female outlets won't constrict, making it easy to plug and unplug male ends even after exposure to extreme cold •Blue male and female ends

PART NO.	GAUGE/ CONDUCTOR	WIRE TYPE	CORD LENGTH (m)	COLOUR
Single Outlet:				
510655	16/3	SJTW-Coldflex	5	Blue
510656	16/3	SJTW-Coldflex	8	Blue
550658	16/3	SJTW-Coldflex	30	Blue
510662	14/3	SJTW-Coldflex	8	Blue
510663	14/3	SJTW-Coldflex	15	Blue
510664	14/3	SJTW-Coldflex	30	Blue
510668	12/3	SJTW-Coldflex	8	Blue
510669	12/3	SJTW-Coldflex	15	Blue
510670	12/3	SJTW-Coldflex	30	Blue
3-Outlet:				
510843	16/3	SJTW-Coldflex	2	Blue
510844	16/3	SJTW-Coldflex	3	Blue
510845	16/3	SJTW-Coldflex	5	Blue
510846	16/3	SJTW-Coldflex	10	Blue
510847	16/3	SJTW-Coldflex	15	Blue

INDOOR CORDS
•3-OUTLET CUBE TAPS

•Great for general indoor use with lamps, radios, clocks, etc. •Polarized plugs •125 volts, 13 amps

PART NO.	GAUGE/ CONDUCTOR	WIRE TYPE	CORD LENGTH (m)	COLOUR
540002	16/2	SPT-2	2	Brown
540015	16/2	SPT-2	2	White
540073	16/2	SPT-2	3	Brown
540086	16/2	SPT-2	3	White
540167	16/2	SPT-2	4.5	Brown
540170	16/2	SPT-2	4.5	White

INDOOR CORDS
•AIR CONDITIONER CORDS

•1 outlet •Right angle plug •Also ideal for portable tools

PART NO.	GAUGE/ CONDUCTOR	WIRE TYPE	CORD LENGTH (m)	COLOUR
542648	16/3	SPT-3	4.5	Beige
542699	14/3	SPT-3	4.5	Grey

CORD CADDY

•This self-storing extension cord allows up to four tools or appliances to be plugged in either indoors or outdoors •4 grounded outlets •Overload protection with built-in 10 amp circuit breaker protects tools •Impact resistant reel •Eliminates messy, tangled extension cords — unwind only as much cord as needed, quick and easy to rewind •Safe, neat storage protects cord from damage •16/3 gauge •SJTW •10 metre cord •Orange cord
Part No. 545794.

CORD CADDY II

•Impact resistant reel •Single grounded outlet •Unique "Pop Lid" feature ensures safety •Eliminates messy, tangled extension cords •Attractive display box •16/3 gauge •SJTW •25 metre cord •Orange cord
Part No. 545823.

H-RACK CORD CADDY

•With carry handle, durable one-piece construction •Black
Part No. 502803.

CORD CARRY STRAP

•Holds up to 45 m of 16/3 cord •Versatile — may also be used for storing holiday string light •Black
Part No. 502805.

EMPTY CORD REEL

•13" reel can hold up to 45 m of 16/3 cord •Portable — easy to use •High impact reel •Clip secures loose cord end •Yellow
Part No. 547702.

POWERLITE™ PLUG

•Plugs into any 3-conductor extension cord or wall outlet •Shows you at a glance that the power is on •Rugged design is ideal for appliances such as sump pumps, freezers, etc. •Use with extension cords on power tools and equipment •Orange
Part No. 512521, Pack of 2.

WORKSHOP LIGHT

•Grounded outlet on handle •Dual Hook system •16/3 gauge •SJTW •Blue cord colour
Part No. 541426, 10 metre.
Part No. 541455, 15 metre.

WORKSHOP WORK LIGHT

•Many uses around the home, or workshop •On/Off switch on handle •Polarized •Dual hook system •18/2 gauge •SJTW •Orange cord colour
Part No. 541332, 6 metre.
Part No. 541362, 10 metre.
Part No. 541388, 15 metre.

THIRD HAND WORK LIGHT

•Swivel clamp on base of handle allows for hands-free use and 360° rotation •Grounded outlet on handle for accessories or tools •16/3 gauge •SJTW •Blue cord colour •10 metre
Part No. 546272.

RETRACTABLE WORK LIGHT

•Self-rewinding •On/Off switch on handle •Cord stop keeps the length of cord required out of the case •Ceiling or wall mount hardware included •10 amps, 120 volts, maximum 75 watt type A bulb •18/3 gauge •SJTW •Black cord colour •6 metre
Part No. 546200.

150 WATT MAXIMUM CLAMP LAMP

•On/Off switch •Maximum 150 watts •Polarized cord set •Full swivel head •8½" polished aluminum reflector •18/2 gauge •SPT-2 wire type •White cord colour •2 metre cord length
Part No. 510151.

60 WATT MAXIMUM CLAMP LAMP

•On/Off switch •Maximum 60 watts •Polarized cord set •Full swivel head •5½" polished aluminum reflector •18/2 gauge •SPT-2 wire type •White cord colour •2 metre cord length
Part No. 510160.

BULK LAMP WIRE

•Thermoplastic jacket, not for hard usage •-20°C to 60°C, 300 volts •For lamps, small appliances, radios •75 metre rolls •Choose from 18/2 gauge or 16/2 gauge; brown or white
Part No. 10477, 18/2 gauge, brown.
Part No. 10478, 18/2 gauge, white.
Part No. 10888, 16/2 gauge, brown.
Part No. 10889, 16/2 gauge, white.

THERMOSTAT WIRE

•Type CL2 low voltage cable using thermoplastic insulated conductors and jacket •Fire resistant •60°C, 150 volts •For thermostat controls, heating and air conditioning installations, burglar alarm systems, intercom systems, door bells, etc. •18/2 gauge •Brown cord colour •150 metre roll
Part No. 10400.

SPEAKER WIRE

•Type CL2 Parallel wire, power limited circuit cable 20°C to 105°C •For stereo and Hi-Fi systems, home theatre sound systems, lamps, radios •18/2 gauge •Clear cord colour •75 metre roll
Part No. 10783.

6-OUTLET POWER CENTRE

•Convert standard wall outlet into 6 outlet power centre with convenient on/off switch •3 ft. cord •White
Part No. 546342.

6-OUTLET WALL BLOCK

•Safely convert a standard outlet into 6 outlets •Beige
Part No. 545882.

1 WAY SINGLE OUTLET SURGE PROTECTION

•Superior protection for electronics, appliances and major office equipment — 810 joules rating •White
Part No. 546500.

6 OUTLET POWER BAR WITH SURGE PROTECTION

•6 grounded outlets •Surge protector for home electronics •24" cord •Lighted breaker switch •Max. surge voltage: 90 joules •Grey
Part No. 12680.

6 OUTLET POWER BARS WITH SURGE PROTECTION

•Protects valuable equipment from dangerous spikes and energy surges •With advanced EMI/RFI noise filtration for cleaner power
Part No. 545243, 4 ft. cord, 210 joule rating.
Part No. 545101, 3 ft. cord, 312 joule rating.

7 OUTLET POWER BARS WITH SURGE PROTECTION

•Protects valuable equipment from dangerous spikes and energy surges •With advanced EMI/RFI noise filtration for cleaner power •6 ft. cord •510 joule rating
Part No. 545200.
Part No. 545201, Includes telephone, modem, and fax line protection.
Part No. 545202, Includes coax/antenna protection.

WORKSHOP POWER BARS "PROPOWER"™

•Grounded outlets •Heavy duty housing •Rear mounting holes •Convenient on/off switch •4 ft. cord •Black
Part No. 502177, 4 outlets, metal housing.
Part No. 507408, 6 outlets, ABS housing.

24 HOUR OUTDOOR DIGITAL TIMER

•24 hour cycle •1 on/off per day •Manual on/off option •Ideal for outdoor lighting, car heating accessories, etc. •1875 watts, 15 amps •3-prong plug type
Part No. 49122.

PHOTOELECTRIC TIMER

•Digital display shows selected hours of operation •Program option to turn lights off after 1-9 hours after dusk •Program option to turn lights on at dusk, off at dawn •1000 watts, 8 amps •2-prong plug type •1 on/off per day
Part No. 49103.

INDOOR/OUTDOOR REMOTE SWITCH

•40 foot range •Dual grounded plugs •Hand remote •Transmitting indicator light •3-prong plug type
Part No. 49063.

Common Wire Types; Wire & Cable Abbreviations

SJW
Extra hard usage cord. 600V jacket, 60°C to 105°C. Weather resistant for outdoor use.

SJTW
Hard usage thermoplastic or rubber-insulated conductors and overall thermoplastic jacket. All Elastomer construction. 300V, 90°C to 105°C. Weather resistant for outdoor use.

SPT-1
All thermoplastic construction, parallel jacketed. 300V, 60°C to 105°C, 2 or 3 conductor. (18 gauge)

SPT-2
Same as SPT-1 but heavier construction (18 - 16 gauge).

SPT-3
Same as SPT-2 but heavier construction (18 - 10 gauge).

S = Service
J = Junior
O = Oil Resistant
T = Thermoplastic/Vinyl
P = Parallel
E = Elastomer

Freeze Protection Cable (Heat Tape)

EASYHEAT® pipe heating cable eliminates freezing problems in and around the home, farm, cottage, mobile homes, trailers, etc. Designed and tested to meet the highest safety standards and withstand the toughest winter conditions. Pre-assembled and ready-to-install, the cable prevents pipe from freezing, keeping water flowing to -40°C. Using an energy-saving thermostat, Easyheat cables operate on 120 volts and are suitable for use on plastic and metal water pipes. CSA approved.
Part No. AHB-13, 3 ft. length, 21 watt.
Part No. AHB-16, 6 ft. length, 42 watt.
Part No. AHB-19, 9 ft. length, 63 watt.
Part No. AHB-112, 12 ft. length, 84 watt.
Part No. AHB-115, 15 ft. length, 105 watt.
Part No. AHB-118, 18 ft. length, 126 watt.
Part No. AHB-124, 24 ft. length, 168 watt.
Part No. AHB-130, 30 ft. length, 210 watt.
Part No. AHB-140, 40 ft. length, 280 watt.
Part No. AHB-160, 60 ft. length, 420 watt.
Part No. AHB-180, 80 ft. length, 560 watt.

Part No.	Description	Colour	Wire Range	Minimum Capacity	Maximum Capacity
•Marrette® XTP® Made of a tough, durable engineered thermoplastic material that withstands high installation pressures and operating temperatures. Designed to accommodate a wide range of wire combinations.					
331	Marrette XTP connector	orange	18 to 14 ga.	2 #18	3 #14
333	Marrette XTP connector	yellow	18 to 10 ga.	2 #18, 1 #14	2 #14, 1 #10
335	Marrette XTP connector	red	18 to 8 ga.	2 #18, 2 #16	3 #10

•Marrette® Type II™ For electricians who prefer a winged connector, Marr offers its Type II connector -- the twist-on wire connector engineered to meet the high expectations of electrical professionals.					
733	Marrette Type II connector	yellow	18 to 10 ga.	2 #18	3 #12
735	Marrette Type II connector	red	18 to 8 ga.	2 #14	2 #12, 2 #10
739	Marrette Type II connector	blue	14 to 6 ga.	3 #12	2 #8, 1 #6

•Marrette® Black® This connector is a superior quality, general purpose wire connector. Proven effective in new construction, electrical maintenance and manufacturing, Marrette Black's high temperature rating makes it perfect for HID lighting, high wattage fixtures, and signs.					
29	Marrette Black connector	black	22 to 16 ga.	1 #22, 1 #20	2 #16
30	Marrette Black connector	black	22 to 14 ga.	3 #20	3 #16
31	Marrette Black connector	black	18 to 14 ga.	2 #18	4 #16
33	Marrette Black connector	black	18 to 12 ga.	1 #18, 1 #14	4 #14
35	Marrette Black connector	black	18 to 10 ga.	2 #14	3 #16, 3 #12
37	Marrette Black connector	black	14 to 8 ga.	1 #14, 2 #12	4 #10

•Marr® Set Screw™ When you want to be able to see the connection, the Marr Set Screw wire connector is a two piece compression connector with a screw on insulator cap. Set screw in brass barrel provides secure, visible compression while enhancing conductivity. No special tools required, and the high temperature (150°C, 302°F) insulator cap locks securely in place to isolate the connection.					
1SH	Marr Set Screw connector, small 2 piece Robertson	black	18 to 12 ga.	2 #18	4 #14
2SH	Marr Set Screw connector, large 2 piece slot	black	16 to 10 ga.	2 #14	1 #12, 2 #10

•Marr® Snap-It™ Cable Connectors

This rugged CSA approved plastic cable connector saves time and effort when installing non-metallic cable through a standard 1/2" metal box knock-out. Rapid installation — no tools required. Self-locking, yet cable can be adjusted after installation.

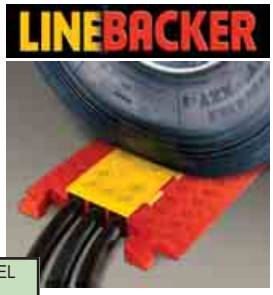
W100LXKP1 Marr Snap-It cable connector - cable sizes; 14/2, 14/3, 12/2, 12/3, 10/2, 10/3, 2 x 14/2, 2 x 14/3, 2 x 12/2

•Marr® TapeMaster®

Use TapeMaster to fish a complete range of electrical, electronic, and communication wires and cables through rigid or flexible conduit, or through plenum spaces. Best quality, oil tempered, flat spring steel fish tape in patented Tapemaster dispenser and storage reel. Rigid, with flexible spring action. Excellent tensile strength. Comes with preformed hook. High-impact plastic case, durable, easy grip handle and brake. Slip resistant inner ring. Enlarged tape viewports.

14-250 Marr TapeMaster - 50 ft. length, 8½" reel dia., 1/8" x .060 in. (1/16 in.) fish tape
14-258 Marr TapeMaster - 100 ft. length, 8½" reel dia., 1/8" x .060 in. (1/16 in.) fish tape
14-259 Marr TapeMaster - 200 ft. length, 8½" reel dia., 1/8" x 0.60 in. (1/16 in.) fish tape

Modular Cable & Hose Protectors



Protect valuable electrical cables, cords and hose lines from damage and abuse while insuring a method of safe passage for vehicles and pedestrian traffic. Ideal for convention centers, amusement parks, construction sites, public utilities, municipalities, manufacturing plants and industrial applications. Features: •All weather polyurethane construction with heavy load capacity •Non metallic protectors insulates cables/hose lines from human contact •Satisfies state and federal regulatory agencies •Hinged lift cover makes placing and removing cable/hose lines easy •Modular interlocking design is lightweight and easy to transport, set up, dissassemble and store.

LINEBACKER® HD - HEAVY DUTY 2, 3, 4, 5 CHANNEL CABLE/HOSE PROTECTOR

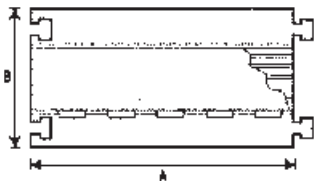
Load capacities up to 16,000 lbs. per tire. Yellow lid/orange base.

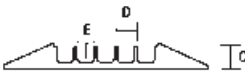
PART NO.	DESCRIPTION	A-LENGTH	B-WIDTH	C-HEIGHT	D-CHANNEL WIDTH	E-CHANNEL HEIGHT
CP5X125-YO	5 channel protector	36”	20”	2.31”	1.25”	1.25”
CPEC5X125-YO	5 channel end caps (female)	7.5”	20”	2.31”	1.25”	1.25”
(Pair only)	(male)	5.25”	20”	2.31”	1.25”	1.25”
CP4X125-YO	4 channel protector	36”	20”	2.31”	2”	1.25”
CPEC4X125-YO	4 channel end caps (female)	7.5”	20”	2.31”	2”	1.25”
(Pair only)	(male)	5.25”	20”	2.31”	2”	1.25”
CP3X225-YO	3 channel protector	36”	20”	3.05”	2.25”	2.25”
CPEC3X225-YO	3 channel end caps (female)	8.25”	20”	3.05”	2.25”	2.25”
(Pair only)	(male)	6.0”	20”	3.05”	2.25”	2.25”
CP2X325-YO	2 channel protector	36”	22”	4.13”	3.25”	3.25”

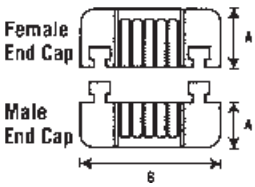
LINEBACKER® GP - GENERAL PURPOSE 5 CHANNEL CABLE/HOSE PROTECTOR

Load Capacities up to 10,000 lbs. per tire. Orange lid/yellow base.

PART NO.	DESCRIPTION	A-LENGTH	B-WIDTH	C-HEIGHT	D-CHANNEL WIDTH	E-CHANNEL HEIGHT
CP5X125-GP-OY	5 channel protector	36”	17.5”	1.95”	1.3”	1.3”
CPEC5X125-GP-OY	5 channel end caps (female)	4.75”	17.5”	1.95”	1.3”	1.3”
(Pair only)	(male)	4.75”	17.5”	1.95”	1.3”	1.3”







LINEBACKER® GP-1 - GENERAL PURPOSE 1 CHANNEL CABLE/HOSE PROTECTOR

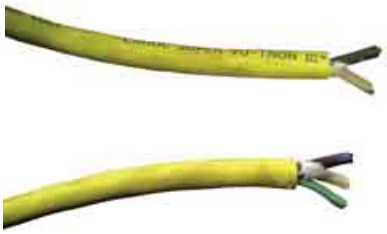
Load Capacities up to 8,000 lbs. per tire. Orange.

PART NO.	DESCRIPTION	A-LENGTH	B-WIDTH	C-HEIGHT	D-CHANNEL WIDTH
CP1X125-GP-O	1 channel protector (Open Top)	36”	11.5”	1.6”	1.25”

Open Top Model

LINEBACKER

SUPER VU-TRON® III Cable

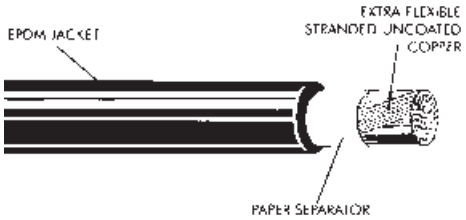


FEATURES: Extreme flexibility, maximum safety, indoors or out.
•UL/CSA listed as indoor/outdoor cord •Rated CSA: +105° to -50°C; UL: +105° to -50°C •Extra flexible stranding •Oil resistant 105°C insulation •Cable fillers are non-hygroscopic •Resists abrasion and cutting •Impervious to chemicals, oils, water, ozone, fungus •Will not stiffen or crack when cold •Does not support combustion •Meets all Bureau of Mines requirements •Yellow jacket

It's super flexible — won't corkscrew under tension, or kink no matter how it's abused. The highly visible safety yellow outer jacket and premium grade insulation won't stiffen in cold, or dry out in heat. Take Super Vu-Tron III to temperature extremes from -50°C all the way to 105°C — it performs flawlessly even in the toughest industrial environments.

Part No. 02004, 2 wire - 16 ga. SJOOW cable.
Part No. 02005, 3 wire - 16 ga. SJOOW cable.

ExCELENE® Welding Cable



Part No. EF-4, #4 600 volt EPDM jacketed ExCELENE® welding cable.
Part No. EF-2, #2 600 volt EPDM jacketed ExCELENE® welding cable.
Part No. EF-1, #1 600 volt EPDM jacketed ExCELENE® welding cable.
Part No. EF-1/0, #1/0 600 volt EPDM jacketed ExCELENE® welding cable.
Part No. EF-2/0, #2/0 600 volt EPDM jacketed ExCELENE® welding cable.
Part No. EF-3/0, #3/0 600 volt EPDM jacketed ExCELENE® welding cable.
Part No. EF-4/0, #4/0 600 volt EPDM jacketed ExCELENE® welding cable.

Temperature rating:
-50°C to + 105° C

•Chemical, grease, oil, and acid resistant •Weather, ozone, and sunlight resistant jacket
•Abrasion resistant •Excellent dielectric strength

EVEREADY™/ENERGIZER® Batteries & Lighting Products

Energizer Canada

ENERGIZER® TITANIUM TECHNOLOGY

Part No.	Description	Packaging	Case Qty.
X91RP4	Pack of 4 Energizer Titanium "AA" batteries	blister	24
X92RP2	Pack of 2 Energizer Titanium "AAA" batteries	blister	24
X92RP4	Pack of 4 Energizer Titanium "AAA" batteries	blister	24
X22RP	Pack of 1 Energizer Titanium "9V" battery	blister	24

EVEREADY™ SUPER HEAVY DUTY BATTERIES

Part No.	Description	Packaging	Case Qty.
1212BP2	Pack of 2 Eveready alkaline "AAA" batteries	blister	18
1215BP2	Pack of 2 Eveready alkaline "AA" batteries	blister	24
1215BP4	Pack of 4 Eveready alkaline "AA" batteries	blister	24
1235BP2	Pack of 2 Eveready alkaline "C" batteries	blister	12
1250BP2	Pack of 2 Eveready alkaline "D" batteries	blister	12
1222BP	Pack of 1 Eveready alkaline "9V" battery	blister	12

ENERGIZER® MAX PREMIUM ALKALINE BATTERIES

Part No.	Description	Packaging	Case Qty.
E91VP	Energizer MAX alkaline "AA" battery	bulk	570
E92VP	Energizer MAX alkaline "AAA" battery	bulk	200
E93VP	Energizer MAX alkaline "C" battery	bulk	100
E95VP	Energizer MAX alkaline "D" battery	bulk	100
522VP	Energizer MAX alkaline "9V" battery	bulk	150
E91BP2	Pack of 2 Energizer MAX alkaline "AA" batteries	blister	24
E91BP4	Pack of 4 Energizer MAX alkaline "AA" batteries	blister	24
E92BP2	Pack of 2 Energizer MAX alkaline "AAA" batteries	blister	18
E92BP4	Pack of 4 Energizer MAX alkaline "AAA" batteries	blister	18
E93BP2	Pack of 2 Energizer MAX alkaline "C" batteries	blister	12
E95BP2	Pack of 2 Energizer MAX alkaline "D" batteries	blister	12
522BP	Pack of 1 Energizer MAX alkaline "9V" battery	blister	12

ENERGIZER® INDUSTRIAL ALKALINE BATTERIES

Part No.	Description	Packaging	Case Qty.
EN91	Energizer industrial alkaline "AA" battery	bulk	24
EN92	Energizer industrial alkaline "AAA" battery	bulk	24
EN93	Energizer industrial alkaline "C" battery	bulk	12
EN95	Energizer industrial alkaline "D" battery	bulk	12
EN22	Energizer industrial alkaline "9V" battery	bulk	12

EVEREADY™ INDUSTRIAL HEAVY DUTY BATTERIES

Part No.	Description	Packaging	Case Qty.
1215	Eveready industrial "AA" heavy duty battery	bulk	24
1235	Eveready industrial "C" heavy duty battery	bulk	12
1250	Eveready industrial "D" heavy duty battery	bulk	12
1222	Eveready industrial "9V" heavy duty battery	bulk	12

ENERGIZER® RECHARGEABLE NICKEL METAL HYDRIDE BATTERIES

Part No.	Description	Packaging	Case Qty.
NH12BP2	Pack of 2 Energizer rechargeable "AAA" batteries	blister	6
NH15BP2	Pack of 2 Energizer rechargeable "AA" batteries	blister	6
NH15BP4	Pack of 4 Energizer rechargeable "AA" batteries	blister	6
NH35BP2	Pack of 2 Energizer rechargeable "C" batteries	blister	6
NH50BP2	Pack of 2 Energizer rechargeable "D" batteries	blister	6
NH22NBP	Pack of 1 Energizer rechargeable 9V battery	blister	6
CHFCV	Eveready battery charger 7 hr.	bulk	3
CH15MNCP4	Energizer 15 min. battery charger w/ 4 NiMH batteries	blister	3

ENERGIZER® WATCH/ELECTRONIC BATTERIES

Part No.	Description	Packaging
315	Energizer 1.5V silver oxide battery	Tear Strip
319BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
357BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
362BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
364BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
371BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
373	Energizer 1.5V silver oxide battery	Tear Strip
377BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
379BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
386BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
389BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
391BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
392BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
395BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
397BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
ECR1025BP	Pack of 1 Energizer 3V lithium battery	blister
ECR1216BP	Pack of 1 Energizer 3V lithium battery	blister
ECR1220BP	Pack of 1 Energizer 3V lithium battery	blister
ECR1616BP	Pack of 1 Energizer 3V lithium battery	blister
ECR1620BP	Pack of 1 Energizer 3V lithium battery	blister
ECR2016BP	Pack of 1 Energizer 3V lithium battery	blister
ECR2025BP	Pack of 1 Energizer 3V lithium battery	blister
ECR2032BP	Pack of 1 Energizer 3V lithium battery	blister
ECR2430BP	Pack of 1 Energizer 3V lithium battery	blister
ECR2450BP	Pack of 1 Energizer 3V lithium battery	blister
3LR12	Energizer 4.5V alkaline battery	bulk

ECR2032BP

A23BP

539BP

L522MJ

E96BP2

E90BP2

L92BP2

EVEREADY™ /ENERGIZER® LANTERN BATTERIES

Part No.	Description	Packaging	Case Qty.
529	6V square alkaline lantern battery - spring terminal	bulk	6
521	6V rectangular alkaline lantern battery - screw terminal	bulk	4
1209	6V square GP lantern battery - spring terminal	bulk	12
1231	6V rectangular industrial lantern battery - screw terminal	bulk	6
HS6570	4.5V rectangular zinc chloride hercules battery - screw terminal	bulk	10

ENERGIZER® MISCELLANEOUS BATTERIES

Part No.	Description	Packaging
206	Energizer 9V carbon/zinc battery	bulk
246	Energizer 9V carbon/zinc battery	bulk
266	Energizer 9V carbon/zinc battery	bulk
276	Energizer 9V carbon/zinc battery	bulk
412	Energizer 22.5V carbon/zinc battery	bulk
413	Energizer 30V carbon/zinc battery	bulk
415	Energizer 45V carbon/zinc battery	bulk
416	Energizer 67.5V carbon/zinc battery	bulk
455	Energizer 45V carbon/zinc battery	bulk
489	Energizer 225V carbon/zinc battery	bulk
493	Energizer 300V carbon/zinc battery	bulk
504	Energizer 15V carbon/zinc battery	bulk
505	Energizer 22.5V carbon/zinc battery	bulk
711	Energizer 1.5V carbon/zinc battery	bulk
732	Energizer 12V carbon/zinc battery	bulk
2L76BP	Pack of 1 Energizer 3V lithium battery	blister
510S	Energizer 6V carbon/zinc battery	bulk
539BP	Pack of 1 Energizer 6V alkaline battery	blister
A23BP	Pack of 1 Energizer 12V alkaline battery	blister
A544BP	Pack of 1 Energizer 6V alkaline battery	blister
A76BP2	Pack of 2 Energizer 1.5V alkaline batteries	blister
E90BP2	Pack of 2 Energizer 1.5V alkaline batteries	blister
E96BP2	Pack of 2 Energizer 1.5V alkaline "AAAA"	blister
EL123APBP	Pack of 1 Energizer 3V lithium battery	blister
EL123APB2	Pack of 2 Energizer 3V lithium batteries	blister
EL223APBP	Pack of 1 Energizer 6V lithium battery	blister
EL2CR5BP	Pack of 1 Energizer 6V lithium battery	blister
EL1CR2BP	Pack of 1 Energizer 3V lithium battery	blister
EPX76BP	Pack of 1 Energizer 1.5V silver oxide battery	blister
EPX76BP2	Pack of 2 Energizer 1.5V silver oxide batteries	blister
L522MJ	Energizer 9V lithium battery	bulk
L91	Energizer AA 1.5V lithium battery	bulk
L91BP2	Pack of 2 Energizer AA 1.5V lithium batteries	blister
L92BP2	Pack of 2 Energizer AAA 1.5V lithium batteries	blister

EPX76BP

EVEREADY™ REPLACEMENT BULBS

Part No.	Description	Packaging	Case Qty.
PR2	Miniature bulb - Min. flg. for 2 x D cell flashlight, 2.4V, .50A.	bulk	10
PR2BP2	Pack of 2 Miniature bulb - Min. flg. for 2 x D cell flashlight, 2.4V, .50A.	blister	10
PR3	Miniature bulb - Min. flg. for 3 x D cell flashlight, 3.6V, .50A.	bulk	10
PR4	Miniature bulb - Min. flg. for 2 x AA cell flashlight, 2.3V, .27A.	bulk	10
PR13	Miniature bulb - Min. flg. for 6V lantern, 4.8V, .50A.	bulk	10
222	Miniature bulb - Min. screw for 2 x AAA cell flashlight, 2.3V, .25A.	bulk	10
222BP2	Pack of 2 Miniature bulb - Min. screw for 2 x AAA cell flashlight, 2.3V, .25A.	blister	10
407BP	Pack of 1 Miniature bulb - Min. screw for lantern, 4.9V, .30A.	blister	10
KPR102BP2	Pack of 2 Krypton bulb - Bayonet for 2 x D cell flashlight, 2.4V, .70A.	blister	10
KPR104BP2	Pack of 2 Krypton bulb - Bayonet for 2 x AA or 2 x C cell flashlight, 2.2V, .47A.	blister	10
KPR113BP2	Pack of 2 Krypton bulb - Bayonet for 6Vor 4D cell flashlight, 4.8V, .75A.	blister	10

Energizer Canada

NEW!!

LED CLIP LIGHT

•Uses 2 lithium coin batteries (included) •White LED bulb •Industrial strength clip •Multi-position flexible neck •Slide switch •Retail blister card
Part No. IND2BU1CS.

RUBBER FLASHLIGHT

•Uses 2 "AA" batteries (included) •Uses bulb #PR4 •Pushbutton switch •Retail blister card
Part No. R215WBS.

ZAP DISPOSABLE LIGHT

•Batteries included •Slide switch •Retail blister card
Part No. V2202ACS.

STANDARD 2D FLASHLIGHT

•Uses 2 "D" batteries (included) •Uses bulb #PR2 •Slide switch •Retail blister card
Part No. 3251NWBS.

RUBBER 2D FLASHLIGHT

•Uses 2 "D" batteries (included) •Uses bulb #KPR102BP2 •Pushbutton switch •Retail blister card
Part No. R250WBS.

UTILITY LANTERN

•Uses spring top 6V battery (included) •Uses bulb #KPR113BP2, #PR13 •Pushbutton switch •Bulk packaging
Part No. 5109WBS.

6 LED HEADLIGHT

•With head strap that's wide enough to fit hard hats •2 built-in pencil holders •Pivoting head •Uses 3 "AAA" batteries (included) •Pushbutton switch •Retail blister card •Offers 4 Light Modes — "Spot": (2 white LEDs) focused light for detail work; "Flood": (2 white LEDs) area light for moving, working; "Spot + Flood": (4 white LEDs) maximum light output; "Night Vision": (2 red LEDs) saves power, keeps peripheral vision, up to 50 hours of run time.
Part No. HDL33AINE.

INDUSTRIAL SWIVEL HEAD FLASHLIGHT

•Uses 4 "AA" batteries (included) •Uses bulb #KPR104BP2 •Pushbutton switch •Retail blister card
Part No. IN421WBE.

INDUSTRIAL UTILITY FLASHLIGHT

•Uses 2 "D" batteries (not included) •Uses bulb #KPR102BP2, #PR2 •Slide switch •Boxed
Part No. E250Y.

INDUSTRIAL UTILITY FLASHLIGHT w/ MAGNET

•Uses 2 "D" batteries (not included) •Uses bulb #KPR102BP2, #PR2 •Slide switch •Boxed
Part No. E251Y.

INDUSTRIAL HEAVY DUTY FLASHLIGHT
•Uses 2 "AA" batteries (not included) •Uses bulb #KPR104BP2, #PR4 •Slide switch •Boxed
Part No. 1151.

INDUSTRIAL HEAVY DUTY FLASHLIGHT
•Uses 2 "D" batteries (not included) •Uses bulb #KPR102BP2, #PR2 •Slide switch •Boxed
Part No. 1251.

INDUSTRIAL EXPLOSION PROOF FLASHLIGHT
•Uses 2 "D" batteries (not included) •Uses bulb #PR2 •Slide switch •Boxed
Part No. 1259.

INDUSTRIAL EXPLOSION/ WATERPROOF LANTERN
•Uses spring top 6V battery (not included) •Uses bulb #PR13 •Pushbutton switch •Boxed
Part No. 459.

INDUSTRIAL FLOATING WATERPROOF LANTERN
•Uses spring top 6V battery (not included) •Uses bulb #KPR113BP2, #PR13 •Pushbutton switch •Bulk
Part No. 1700.

INDUSTRIAL UTILITY FLOATING LANTERN
•Uses spring top 6V battery (not included) •Uses bulb #KPR113BP2, #PR13 •Pushbutton switch •Bulk
Part No. 5109IND.

INDUSTRIAL 2-WAY SWIVEL HEAD LANTERN
•Uses screw post 6V battery (not included) •Uses bulb #KPR113BP2 •Pushbutton switch •Bulk
Part No. 231IND.

INDUSTRIAL LED PENLIGHT
•Uses 2 "AAA" batteries (included) •Pushbutton switch •Over 100 hour run time •Metal casing •Retail bliser card
Part No. PLED23AE.

INDUSTRIAL RUBBER WATER RESISTANT FLASHLIGHT
•Uses 2 "D" batteries (not included) •Uses bulb #KPR102BP2, #PR2 •Pushbutton switch •Bulk
Part No. 4250IND.

HARD CASE PRO™ 2AA FLASHLIGHT
•Uses 2 "AA" batteries (included) •Uses 3 Nichia LEDs •Pushbutton switch •Impact resistant •Steel plate bolted sides •Weather proof •Shatter proof lens •Survives a 30 ft. drop •Includes storage pouch •Retail blister card
Part No. TUF2AAPEH.

HARD CASE PRO™ 4AA FLASHLIGHT
•Uses 4 "AA" batteries (included) •Uses 4 Nichia LEDs •Pushbutton switch •Impact resistant •Steel plate bolted sides •Weather proof •Shatter proof lens •Survives a 15 ft. drop •Retail blister card
Part No. TUF4AAPEH.

HARD CASE PRO™ SWIVEL HEAD FLASHLIGHT
•Uses 4 "AA" batteries (included) •Uses 4 Nichia LEDs •Pushbutton switch •Impact resistant •Steel plate bolted sides •Weather proof •Shatter proof lens •Survives a 15 ft. drop •Retail blister card
Part No. TUF421PEH.

HARD CASE PRO™ SPOT LANTERN
•Uses 4 "C" batteries (included) •Uses 3 watt Luxeon LEDs •Trigger pushbutton switch •Impact resistant •Steel plate bolted sides •Weather proof •Shatter proof lens •Survives a 15 ft. drop •Retail blister card
Part No. TUF4CPEH.

HARD CASE PRO™ 4D LED LANTERN
•Uses 4 "D" batteries (not included) •Uses K2 LED •Trigger switch •Impact resistant •Steel plate bolted sides •Weather proof •Shatter proof lens •Survives a 15 ft. drop •25 hour run time •Bulk
Part No. TUF4DPH.

MINE SAFETY 2AA LED LIGHT
•Uses 2 "AA" batteries (not included) •Uses 3 LED safety bulbs •Pushbutton switch •Survives 7 ft. drop •Shatter proof lens and non-roll feature •Waterproof •Anti-static chemical resistant polypropylene •17 hour run time
Part No. MS2AALED.

MINE SAFETY 2D LED LIGHT
•Uses 2 "D" batteries (not included) •Uses 1 LED safety bulb •Pushbutton switch •Survives 7 ft. drop •Shatter proof lens and non-roll feature •Waterproof •Anti-static chemical resistant polypropylene •80 hour run time
Part No. MS2DLED.

MINE SAFETY LED LIGHT SPECIFICATIONS
Intrinsically safe flashlight for use in hazardous locations: UL 913 (Sixth Edition) Class I groups A, B, C & D, Class II groups E, F & G and Class III; IEC 60529 Waterproof and Dustproof standards), Ingress Protection Rating: 1P67

EVEREADY™/ENERGIZER®
Lighting Products Reference

RAYOVAC	EVEREADY
IN-2	1251
IN2-ML	E251Y
IN2-MS	1259
IN3-MS	1359
H22	E250Y
H22-M	E251Y
RN45	1151
L295	1700
WH2	1251
KFL	1700
WH2	1251
WH4S	1151
WH5	231IND

DURACELL	EVEREADY
DFE	231IND
DFL4D	1700
DFC	1151
DFF	1251
F700A	1151
F700D	4250IND
L148	5109IND
L303BLK	1700
L404BLK	1700
L731	5109IND
F2440M	E251Y
F2901	1251
F2912	1259
F20	P2111ACS
F30	P2111ACS

Batteries Cross Reference

DURACELL	ENERGIZER
PC1300	EN95
MN1300	E95VP, EN95
MX1300	EN95
PC1400	EN93
MN1400	E93VP, EN93
MX1400	EN93
PC1500	EN91
MN1500	E91VP, EN91
MX1500	EN91
PC1604	EN22
MN1604	522VP, EN22
MX1604	EN22
PC2400	EN92
MN2400	E92VP, EN92
MX2400	EN92
MN9080	529
MN9180	521
7K67	539BP
MN76	A76BP2

DURACELL	EVEREADY
SHD14	1235
SHD15	1215
SHD16	1222
SHD908	1209
SHD918	1231
IND916X	1209
IND918X	1231
MN21	A23BP
M919	732
M1603	276
NC13	NH50BP2
NC14	NH35BP2
NC1604	NH22NBP
NC-C	NH35BP2
NC-D	NH50BP2
NC-9	NH22NBP
DA146	AC146X

RAYOVAC	ENERGIZER
813	E95VP, EN95
814	E93VP, EN93
815	E91VP, EN91
824	E92VP, EN92
A1604	522VP, EN22
AL-AA	EN91
AL-AAA	EN92
AL-C	EN93
AL-D	EN95
AL-9V	EN22

RAYOVAC	EVEREADY
613	NH50BP2
614	NH35BP2
HD-AA	1215
HD-C	1235
HD-D	1250
HD-9V	1222
GP-AA	1215
GP-C	1235
GP-9V	1222
6V-GP	1209
6V-HD	1209
6V-HDM	1209
918	1231
941	1209
944	1209
945	510S
928	1231
926	732

DOCAP
Hand Held Spot Lights

•Swivel handle •Equipped with cigarette lighter plug •DC 12V 55W bulb •Long range light •1,000,000 candlepower
Part No. 648-255.

Flashlights & Accessories

MAG-LITE®

MAG-LED™ FLASHLIGHTS

Maglite flashlight, well known for its quality, durability, and reliability is now available with the new MAG-LED™ Technology. Designed for professional and consumer use, Maglite LED flashlights buildon the experience in craftsmanship, engineering, and advanced technology evident in all Mag flashlights. The Maglite flashlight is internationally accepted as the Professional Flashlight®. Built tough enough to last a lifetime, its durability and patented features now combined with the new MAG-LED Technology make the Maglite LED flashlight a technologically advanced lighting instrument. Available in 2, 3, and 4 Cell D size the benefits include: •A projecting beam that focuses simply by rotating the head •Balanced optics provide a focusing, 3 watt LED, optimized to produce a powerful beam •Intelligent energy source management (patent pending) balancing an optimum high brightness with extended battery life •Maglite LED is interchangeable between LED and Krypton lamp (spare Krypton lamp included in the tailcap)

MINI MAGLITE® LED 2-CELL AA FLASHLIGHTS

Holster pack includes Mini Maglite LED AA flashlight, polypropylene belt holster and two AA cell premium alkaline batteries.
Part No. SP2201H, Black.
Part No. SP2203H, Red.
Part No. SP2209H, Grey pewter.
Part No. SP2210H, Silver.
Part No. SP2211H, Blue.

MINI MAGLITE® LED 3-CELL AA FLASHLIGHTS

Holster pack includes Mini Maglite LED AA flashlight, polypropylene belt holster and three AA cell premium alkaline batteries.
Part No. SP2301H, Black.
Part No. SP2303H, Red.
Part No. SP2309H, Grey pewter.
Part No. SP2310H, Silver.
Part No. SP2311H, Blue.

MAGLITE® LED 2-CELL D FLASHLIGHTS

Hang pack includes: Maglite LED D Cell flashlight.
Part No. ST2D016, Black.
Part No. ST2D036, Red.
Part No. ST2D096, Grey pewter.
Part No. ST2D106, Silver.
Part No. ST2D116, Blue.

MAGLITE® LED 3-CELL D FLASHLIGHTS

Hang pack includes: Maglite LED D Cell flashlight.
Part No. ST3D016, Black.
Part No. ST3D036, Red.
Part No. ST3D096, Grey pewter.
Part No. ST3D106, Silver.
Part No. ST3D116, Blue.

MAGLITE® LED 4-CELL D FLASHLIGHTS

Hang pack includes: Maglite LED D Cell flashlight.
Part No. ST4D016, Black.
Part No. ST4D036, Red.
Part No. ST4D096, Grey pewter.
Part No. ST4D106, Silver.
Part No. ST4D116, Blue.

MAGLITE C OR D CELL LED UPGRADE MODULE

Upgrade your existing 2, 3, and 4 C and D-Cell Maglite flashlights to the new MAG-LED™ Technology. The benefits include: •Intelligent Energy Source Management (patent pending) extends battery life •Balanced optics provide a focusing, 3 watt LED, optimized to produce a powerful projecting beam •Upgrade modules are available for all 2, 3, and 4 cell C and D size Maglite flashlights. The kits are cell number/size specific — i.e. 2 Cell, 3 Cell, 4 Cell and must be matched to a 2, 3, or 4 cell Maglite flashlight. Does not void the Maglite flaslight Limited Lifetime Warranty. Upgrading any C or D size flashlight is as easy as 1, 2, 3! Step 1: Unscrew the flashlight head assembly. Step 2: Unscrew the retaining collar and remove lamp. Step 3: Insert LED Module and replace retaining collar and head assembly.

Maglite C or D Cell LED Upgrade Module
Hang pack includes: Maglite C or D Cell LED Upgrade Module, White LED
Part No. SH32DCW6, 2 Cell C or D LED upgrade module.
Part No. SH33DCW6, 3 Cell C or D LED upgrade module.
Part No. SH34DCW6, 4 Cell C or D LED upgrade module.

MagLite flashlights have an exceptionally durable body that is machined to exacting tolerances from the finest aircraft aluminum. Each end is sealed with the highest quality rubber o-rings for superior water and shock resistance. A fast focus beam adjusts from spot to flood with a turn of the head, and a patented self-cleaning switch eliminates oxidation.

SOLITAIRE® FLASHLIGHTS

Ideal for a purse or key chain. It weighs less than an ounce and is about three inches long. Includes a spare bulb in the end cap, an alkaline AAA Energizer® battery, and key lead.
Part No. K3A016, Hang pack - black.
Part No. K3A036, Hang pack - red.
Part No. K3A116, Hang pack - blue.
Part No. LK3A001, Card of 2, Solitaire replacement bulbs.

MINI MAGLITE® AAA FLASHLIGHTS

Features a candle mode for hands-free use. Includes a spare bulb in the end cap, pocket clip, and two alkaline AAA Energizer batteries.
Part No. M3A016, Hang pack - black.
Part No. M3A036, Hang pack - red.
Part No. M3A116, Hang pack - blue.
Part No. M3A012, Presentation box - black.
Part No. M3A032, Presentation box - red.
Part No. M3A112, Presentation box - blue.
Part No. AM3A026, Nylon full flap holster - hang pack - black.
Part No. LM3A001, Card of 2, Mini Maglite AAA replacement bulbs.

candle mode

MAG-LITE®

MagLite flashlights have an exceptionally durable body that is machined to exacting tolerances from the finest aircraft aluminum. Each end is sealed with the highest quality rubber o-rings for superior water and shock resistance. A fast focus beam adjusts from spot to flood with a turn of the head, and a patented self-cleaning switch eliminates oxidation.

MINI MAGLITE® AA FLASHLIGHTS

Features a candle mode for hands-free use. Includes a spare bulb in the end cap, and two alkaline AA Energizer batteries.
Part No. M2A016, Hang pack - black.
Part No. M2A036, Hang pack - red.
Part No. M2A116, Hang pack - blue.
Part No. M2A026, Hang pack - camouflage.
Part No. M2A01L, Presentation box - black.
Part No. M2A03L, Presentation box - red.
Part No. M2A11L, Presentation box - blue.
Part No. M2A02L, Presentation box - camouflage.
Part No. M2A01H, Flashlight w/ holster - hang pack - black.
Part No. M2A03H, Flashlight w/ holster - hang pack - red.
Part No. M2A11H, Flashlight w/ holster - hang pack - blue.
Part No. M2A02H, Flashlight w/ holster - hang pack - camouflage.
Part No. AM2A056, Nylon full flap holster - hang pack - black.
Part No. AM2A016, Accessory pack w/ pocket clip, wrist strap with key ring, lens holder; red, clear, and amber lenses - hang pack.
Part No. LM2A001, Card of 2, Mini Maglite AA replacement bulbs.

MAGLITE® C & D CELL FLASHLIGHTS

Includes a spare White Star® krypton bulb in the end cap. Hang pack.
Part No. S2C016, 2 C cell flashlight - black.
Part No. S3C016, 3 C cell flashlight - black.

Part No. S2D016, 2 D cell flashlight - black.
Part No. S2D036, 2 D cell flashlight - red.
Part No. S2D116, 2 D cell flashlight - blue.
Part No. S3D016, 3 D cell flashlight - black.
Part No. S3D036, 3 D cell flashlight - red.
Part No. S3D116, 3 D cell flashlight - blue.
Part No. S4D016, 4 D cell flashlight - black.
Part No. S4D036, 4 D cell flashlight - red.
Part No. S5D016, 5 D cell flashlight - black.
Part No. S5D036, 5 D cell flashlight - red.
Part No. S6D016, 6 D cell flashlight - black.
Part No. S6D036, 6 D cell flashlight - red.
Part No. ASXD026, Card of 2, Maglite D cell universal mounting brackets.
Part No. ASXC046, C cell plain leather belt holder.
Part No. ASXD036, D cell plain leather belt holder.
Part No. ASXX07B, C or D cell red traffic wand.
Part No. ASXX08B, C or D cell yellow traffic wand.
Part No. ASXX09B, C or D cell white traffic wand.
Part No. ASXX376, D cell accessory pack w/ red, amber, and blue lenses, anti-roll device, two universal mounting brackets and screws.
Part No. LWSA201, Card of 2, 2 C or D cell White Star replacement bulbs.
Part No. LWSA301, Card of 2, 3 C or D cell White Star replacement bulbs.
Part No. LWSA401, Card of 2, 4 D cell White Star replacement bulbs.
Part No. LWSA501, Card of 2, 5 D cell White Star replacement bulbs.
Part No. LWSA601, Card of 2, 6 D cell White Star replacement bulbs.
Part No. LMSA201, Card of 1, 2 C or D cell Mag-Num® replacement bulb.
Part No. LMSA301, Card of 1, 3 C or D cell Mag-Num replacement bulb.
Part No. LMSA401, Card of 1, 4 D cell Mag-Num replacement bulb.
Part No. LMSA501, Card of 1, 5 D cell Mag-Num replacement bulb.
Part No. LMSA601, Card of 1, 6 D cell Mag-Num replacement bulb.

MAGLITE® LITE PACK

Includes one Maglite 3 D cell flashlight, and one Mini Maglite AA flashlight. Hang Pack.
Part No. X01016, Black.

MAG CHARGER® RECHARGEABLE FLASHLIGHT SYSTEM

Features 30,000 candlepower. Comes complete with Mag Charger flashlight, charging unit, battery pack, and two mounting brackets.
Part No. RX1019, Mag Charger Rechargeable Flashlight System #1 - includes additional 12 volt DC cigarette lighter adapter and 110 volt AC converter.

Part No. RX2019, Mag Charger Rechargeable Flashlight System #2 - includes additional 12 volt DC cigarette lighter adapter.

Part No. RX3019, Mag Charger Rechargeable Flashlight System #3 - includes additional 110 volt AC converter.

Part No. ARXX025, Mag Charger replacement charging unit w/ base bracket.

Part No. ARXX035, Mag Charger replacement 110 volt AC converter.

Part No. ARXX045, Mag Charger replacement 12 volt DC cigarette lighter adapter.

Part No. ARXX075, Mag Charger replacement 6 volt nicad battery pack.

Part No. ARXX088, Mag Charger replacement charger base bracket.

Part No. LR00001, Card of 1, Mag Charger halogen replacement bulb.

Professional Flashlights

SUPER PELILITE® LASER SPOT™ XENON FLASHLIGHT

Watertight to 500 feet. Unbreakable ABS body with a high-impact polycarbonate lens and rubber lens protector, and lanyard. Provides 400% more light than ordinary flashlights. Requires 2 C-cell alkaline batteries (not included). 10,000 candlepower Xenon lamp module. Length: 6". carded.
Part No. 1800C, Black.
Part No. 1800C-YE, Yellow.
Part No. 1804, Replacement lamp module.

L4 LED FLASHLIGHT

•Tested lumen value 8.0 •5 mm Nichia white LED •3 AAAA (quad-A) batteries (included) •50 hours battery burn time •Handy push-button tail cap on/off switch •Tough light weight body made of indestructible Xenoy® •Sleek organic design for easy operation •Momentary "blink" or constant "on" mode •Pocket clip for easy attachment
Part No. 1830C, Black.
Part No. 1830C-YE, Yellow.

MITYLITE® LASER SPOT™ FLASHLIGHT

Water resistant. Unbreakable space age high-impact polycarbonate resin. Focused beam that is 400% brighter than ordinary pocket lights. Includes shirt clip, 4000 candlepower lamp module, 2 AAA-cell Energizer® alkaline batteries and Litebender. Length 4¾". Carded.
Part No. 1900C, Black.
Part No. 1900C-YE, Yellow.
Part No. 1900C-OR, Orange.
Part No. 1900C-BL, Blue.
Part No. 1904, Replacement lamp module.

PELICAN L1 WHITE LED FLASHLIGHT WITH LANYARD

The L1 LED flashlight provides a concentrated close quarter beam. The LED lamp provides up to 50,000 hours of usage and uses 4 replaceable LR44 1.5 volt alkaline coin cells (included) for up to 100 hours of battery life. Includes neck lanyard and a handy push button on/off end switch. 6000 candlepower. Carded.
Part No. 1930C, Black.
Part No. 1930C-YE, Yellow.

SUPER SABRELITE® LASER SPOT™ XENON PROFESSIONAL FLASHLIGHT

Submersible to 500 feet. Unbreakable ABS body with a high-impact polycarbonate lens. Provides a tightly focused white light beam with 400% increased net candlepower. Includes belt spring clip, stainless steel split ring and black lanyard. With rubber lens protector and battery safety tray. Meets military specifications. Requires 3 C-cell alkaline batteries (not included). 12,000 candlepower. Length: 7-13/16". Carded.
Part No. 2000C, Black.
Part No. 2004, Replacement lamp module.

SABRELITE™ 2010 RECOIL LED™

•Tested lumen value 32.0 •1 watt Luxeon Lambertion LED using Recoil LED Technology™ •3 C batteries (not included) •50 hours battery burn time •Twist on/off shroud •Rugged ABS body •Submersible to 500 feet
Part No. 2010C, Black.
Part No. 2010C-YE, Yellow.

PELICAN™
You break it, we replace it... forever.

SABRELITE™ LED FLASHLIGHT

Submersible to 500 ft. Advanced super bright Recoil LED Technology™ combines the brightness of a conventional light with the long life and durability of an LED. Recoil LED Technology™ delivers a lux reading of over 1,558. That's 32 times brighter than the nearest competition! Light weight body made of Xenoy® with polycarbonate lens and ABS shroud. O ring sealed with a twist on shroud. Carded. Requires 3 C-cell batteries (not included.)
Part No. 2020B, Black.
Part No. 2020B-YE, Yellow.

VERSABRITE™ II FLASHLIGHT

Features Pelican's 8,000 candlepower Xenon wide beam LMX lamp module. Covers 4 times the area. Multiple position (o-ring sealed) swivel head made of Xenoy unbreakable chemical resistant resin. Includes: large multiple use visor cap/clothing clip, 2 night vision discs (red and blue/green) and 2 AA-cell Energizer® alkaline batteries. Burn time 5 - 6 hours. Length: 4-3/16". Carded. NOTE: Not for SCUBA applications.
Part No. 2270C, Non-glare black.
Part No. 2274, Replacement lamp module.

MITYLITE® MAGNUM 2AA FLASHLIGHT

Submersible to 500 feet. Made of Xenoy unbreakable chemical resistant resin. Focused Xenon Laser Spot beam is 600% brighter than ordinary personal lights. Includes shirt clip, Xenon lamp module and 2 AA-cell Energizer® alkaline batteries. 8000 candlepower. Length: 5-5/8". Carded.
Part No. 2300C, Black.
Part No. 2304, Replacement lamp module.

MAGNUM PLUS™ 2AA FLASHLIGHT

Tail button switch (on/off and intermittent). Unbreakable chemical resistant resin. Pre-focused Xenon Laser Spot beam, rubber lens protector, water resistant. Includes shirt clip, 2 AA-cell Energizer® alkaline batteries. 8000 candlepower. Length: 6½". Carded.
NOTE: Not for SCUBA applications.
Part No. 2340C, Black.
Part No. 2340C-YE, Yellow.
Part No. 2304, Replacement lamp module.

STEALTHLITE® RECOIL LED™ FLASHLIGHT

Finally, an LED flashlight that's just as bright as a high performance incandescent, without the annoying dark spots and irregular beam pattern and susceptibility to breakage found in standard filament lamps. Brilliant power and faultless dependability... that's Recoil LED Technology™.
Features: •Tested lumen value 32.0 •1 watt luxeon lambertion LED using Recoil LED Technology™ •4 AA batteries (included) •32 hrs battery burn time •One handed safety switch operation •Rugged ABS body with nylon lens •Submersible to 500 feet.
Part No. 2410B, Black.
Part No. 2410B-YE, Yellow.

STEALTHLITE® FLASHLIGHT

Watertight to 500 feet. Unbreakable ABS body with a high-impact polycarbonate lens. Features state-of-the-art Laser Spot Xenon lamp module. Includes one-handed safety switch operation, double shock mounted battery compartment and black lanyard. Operates 5 - 6 hours on 4 AA-cell Energizer® alkaline batteries (included). 10,000 candlepower. Length: 6½". Carded.
Part No. 2400C, Black.
Part No. 2400C-YE, Yellow.
Part No. 2404, Replacement lamp module.

VB3 LED FLASHLIGHT

Water resistant. Dual super bright white LEDs never need replacing and provide over 100 hours of battery usage. Body made of virtually indestructible Xenoy®. Lights turn on when head is flipped up. Swivel head pivots to a full 180° for light where you need it. Multiple use built in clip attaches to surfaces up to 1/2" thick. Carded.
Part No. 2220C, Black.
Part No. 2220C-YE, Yellow.

HEADSUP LITE™ 2630 LED

•Tested lumen value 7.0 (low)/15 (medium)/30 (high) •1 watt Luxeon side emitter LED •3 AA alkaline batteries (included) •24 hours (low)/10 hours (medium)/3 hours (high) battery burn time •Constant on/off push button with low/medium/high power levels, and a flashing mode of operation •Rugged ABS shroud •Flashing mode for emergencies •Hi-tech battery gauge •Rubber strap and cloth strap included
Part No. 2630C.

HEADSUP LITE™ FLASHLIGHT

Watertight to 500 feet. Includes 2 Krypton lamps, one high intensity and one low intensity. Adjustable beam, large on/off switch. Corrosion-proof ABS polymer. "Super Pad" exclusive comfortable forehead pad. Includes 4 AA-cell Energizer® alkaline batteries. 10,000 candlepower. Non-glare black. Length: 5-1/8".
Part No. 2600C, HeadsUP Lite flashlight, comes with heat resistant hypo-allergenic silicone rubber strap and an elastic cloth strap. Ideal for hard hats and helmets. Clamshell packaged.

Part No. 2604LM, HeadsUP Lite lamp, low intensity 0.5 amp. (Provides extended battery burn time)
Part No. 2605LM, Same as #2604LM except high intensity 0.75 amp.

RECHARGEABLE STEALTHLITE® FLASHLIGHT SYSTEM

Watertight to 500 feet. System includes StealthLite, drop-in handy Smart Charger desk/dash mount base with 110 volt charger and high capacity industrial NiCad battery pack. Burn time 1 hour. 10 minutes per charge. 15,000 candlepower. Black.
Part No. 2450AC, Flashlight system, clamshell packaged.
Part No. 2404, Lamp module, carded.
Part No. 8056F, 12 volt plug-in charger.
Part No. 2459, Replacement battery.

BIG ED™ FLASHLIGHT

Water resistant. Heavy duty design for firefighters. Push button quick change battery replacement. Uses 4 C-cell batteries (not included). Momentary and constant on/off switch. Body made of chemical resistant unbreakable Xenoy. 50 hour lamp life. Comes with emergency spare lamp. Can be carried comfortably by hand, worn on a shoulder strap, or clipped to a belt or pocket with its heavy duty clip. Includes stainless steel ring clip. 55,000 candlepower. Yellow.
Part No. 3700, Flashlight.
Part No. 3704, Big Ed Xenon lamp and back-up lamp (set of 2).

Class I Div. 1

BIG ED™ RECHARGEABLE Flashlight System

Water resistant. Heavy duty design for firefighters. Chemical resistant unbreakable Xenoy body. Attach to belt or clothing. Push button quick change battery. LED lights indicate state of charge. Back-up lamp included behind lens; 150 hour lamp life. NiCad rechargeable battery pack with 110 volt fast charger. Includes heavy duty stainless steel clothing clip. 65,000 candlepower. Yellow. Momentary and constant on/off switch.
Part No. 3750AC110F, Flashlight system.
Part No. 3751B, Big Ed flashlight w/ rechargeable batteries only.
Part No. 8056F, 12 volt adapter.

Class I Div. 1

KING PELICAN LITE™ PRO 4000 SERIES FLASHLIGHT

Water resistant. 12 volt, 14 watt, 100,000 candlepower, primary hand held light source. Unbreakable ABS housing with polycarbonate lens and thermoplastic rubber shroud. Includes dual filament Xenon back-up safety lamp with 60 hours of lamp life (30 hours each filament) and a shock absorbing internal battery module that protects 8 D-cells from hard abuse. Combination pistol grip/lantern handle quickly converts to multiple positions. Operates 10 - 12 hours on 8 D-cell alkaline batteries (not included). Black. Length: 9-3/8". NOTE: Not for SCUBA applications.
Part No. 4000MS, Flashlight.
Part No. 4003, Xenon dual filament lamp.

Laser Pro™ 4D Flashlight
Water resistant. Unbreakable ABS body with polycarbonate lens and thermoplastic rubber shroud. Industrial/professional quality multi-use spotlight. Dual filament Xenon back-up safety lamp. Double switch. Operates 30 hours per filament (60 hours total). Battery burn time is 10 - 12 hours on 4 D-cell alkaline batteries (not included). Multi-position ergonomically designed handle fits gloved hands. O-ring sealed. Adjustable position fold-away stand. Heavy duty rubber lens protector and internal battery shock system. Supplied with lanyard and equipment clip ring. 60,000 candlepower. Black. Length: 8-3/8". NOTE: Not for SCUBA applications.
Part No. 6000MS, Flashlight.
Part No. 5003, Xenon dual filament lamp.

Alkaline Flashlights & Accessories

TWIN-TASK™ FLASHLIGHTS

The Twin-Task™ line of flashlights offers a LED/Xenon combination, so you can choose between a super-bright light (Xenon) and an incredibly long runtime (LED). The Twin-Task are ideal to use in a wide variety of applications, including industrial, automotive, security, household, even recreation. All are constructed of computer-machined aluminum with an anodized finish, are O-ring sealed, feature an unbreakable polycarbonate lens, water resistant, enhanced knurled grip, and lanyard included.

Twin-Tasks™ at a glance:
•LED/Xenon combination •Choose between an extraordinary run time (LEDs) and a blinding bright light (Xenon) •Micro faceted reflector for a smooth, perfectly focused beam •Adjustable focus

TWIN-TASK™ 2D

•Battery: Uses (2) D alkaline (not included)
•Bulb: High intensity Xenon or Ten 100,000 hour lifetime, high intensity light emitting diodes (LEDs)
•Weight with Batteries: 632 grams
•Dimensions: 2.2"D x 8.35"L
•Run Time (3 Modes): Up to 9.5 hours (Xenon); Up to 80 hours (5 LEDs); Up to 50 hours (10 LEDs)
Part No. 51001, black colour.
Part No. 51011, titanium colour.

TWIN-TASK™ 3C

•Battery: Uses (3) C alkaline (not included)
•Bulb: High intensity Xenon or Six 100,000 hour lifetime, high intensity light emitting diodes (LEDs)
•Weight with Batteries: 449 grams
•Dimensions: 1.7"D x 9"L
•Run Time (3 Modes): Up to 3 hours (Xenon); Up to 160 hours (3 LEDs); Up to 100 hours (6 LEDs)
Part No. 51002, black colour.
Part No. 51012, titanium colour.

TWIN-TASK™ 3AA

•Battery: (3) AA alkaline (included)
•Bulb: High intensity Xenon or Three 100,000 hour lifetime, high intensity light emitting diodes (LEDs)
•Weight with Batteries: 191 grams
•Dimensions: 1.28"D x 8.54"L
•Run Time (2 Modes): Up to 2.6 hours (Xenon); Up to 80 hours (3 LEDs)
Part No. 51003, black colour.
Part No. 51013, titanium colour.

TWIN-TASK ACCESSORIES

Part No. 51101, Twin-Task 2D Xenon bulb
Part No. 51102, Twin-Task 3C Xenon bulb
Part No. 51103, Twin-Task 3AA Xenon bulb

TWIN-TASK™ 3C - LASER

Versatile combination LED/Xenon Light with Laser Pointer
•Battery: (3) C alkaline (not included)
•Bulb: High intensity Xenon, five ultra-bright long running LEDs and one long-range laser pointer
•Dimensions: 1.68"D x 9.02"L
•Run Time: Up to 5 hours (Xenon); Up to 100 hours (5 LEDs)
•Includes high strength lanyard
Part No. 51031, Gun-metal grey colour.

TWIN-TASK™ 3C - UV

Includes an ultraviolet light for fluorescent detection of fraudulent documents and for use in forensic investigations.
•Battery: (3) C alkaline (not included)
•Bulb: High intensity Xenon plus 6 ultraviolet 100,000 hour lifetime (LEDs)
•Weight with Batteries: 449 grams
•Dimensions: 1.68"D x 9.02"L
•Run Time: (3 Modes): Up to 5 hours (Xenon); Up to 160 hours (3 LEDs); Up to 100 hours (6 LEDs)
Part No. 51010, black colour.
Part No. 51018, titanium colour.

TASK-LIGHT® FLASHLIGHTS

Dual lighting mode flashlights. They're ultra-compact, extremely durable, and powerfully bright with long runtimes. The ideal lights to take anywhere! Corrosion and water resistant, anodized machined aluminum.

Task-Light® at a glance:
•Deep reflective optic for a bright beam •O-ring sealed •Weather resistant •Knurled body for enhanced grip •Wrist lanyard •Two stage push-button head switch; high and low power •Emergency strobe function •Includes battery

TASK-LIGHT® 1AA

•Battery: Uses (1) AA alkaline
•Bulb: 5 mm Nichia 100,000 hour LED
•Weight with Batteries: 88 grams
•Dimensions: 4.2" L
•Run Time: Up to 5 hours at optimum output; up to 80 hours on low power
Part No. 52101, Gun-metal grey.

TASK-LIGHT® 2AA

•Battery: Uses (2) AA alkalines
•Bulb: .5 watt 100,000 hour Rigel LED
•Weight with Batteries: 130 grams
•Dimensions: 6.8" L
•Run Time: Up to 8 hours at optimum output; up to 50 hours on low power
Part No. 52102, Gun-metal grey.

TASK-LIGHT® 3AAA

•Battery: Uses (3) AAA alkalines
•Bulb: .5 watt 50,000 hour Nichia Rigel LED
•Weight with Batteries: 145 grams
•Dimensions: 4.5" L
•Run Time: Up to 5 hours at optimum output; up to 45 hours on low power; up to 32 hours on strobe setting
Part No. 52103, Gun-metal grey.

3C-XP™ FLASHLIGHTS

Streamlight, the only company to offer an LED/incandescent combination in a full size flashlight. This lightweight light features a high output, pre focused Xenon main beam and a trio of close range LEDs, allowing you to choose a super bright beam or an incredibly long runtime. Offers a virtually unbreakable polymer construction, a non-slip rubber comfort grip, an unbreakable polycarbonate lens, and dual switch control.

•Battery: Uses (3) C alkaline (not included)
•Bulb: 3 watt Xenon or three 100,000 hour high intensity (Light Emitting Diodes) LEDs
•Weight with Batteries: .92 pounds
•Dimensions: 10.9"L
•Run Time (3 Modes): Up to 5-6 hours continuous (Xenon); Up to 300+ hours (3 LEDs); 1 hour minimum (Emergency backup)
Part No. 24000, black colour.

PROPOLYMER® FLASHLIGHTS

The ProPolymer line is Class 1, Division 1-Approved for use in hazardous locations - unique for LED flashlights. ProPolymers are extremely tough and virtually unbreakable - all models are non conductive, shock resistant, corrosion proof, and waterproof. And, with push button switching for easy, one handed operation, they're remarkably handy.

PROPOLYMER® 2AA

•Battery: (2) AA alkaline (included)
•Bulb: High intensity Xenon gas filled bi-pin
•Weight with Batteries: 3.7 ounces
•Dimensions: 1.32"D x 6.06"L
•Run Time: Up to 4 hours of continuous use
Part No. 67201, yellow colour.

PROPOLYMER® 4AA

•Battery: (4) AA alkaline (included)
•Bulb: High intensity Xenon gas filled bi-pin
•Weight with Batteries: 6.3 ounces
•Dimensions: 1.69"D x 6.5"L
•Run Time: Up to 4 hours of continuous use
Part No. 68254, yellow colour.

PROPOLYMER® 4AA LUXEON®

•Battery: (4) AA alkaline (included)
•Bulb: One (1 watt) Super High Flux Luxeon LED, 10,000 hour LED life
•Weight with Batteries: 7.52 ounces
•Dimensions: 1.48"D x 7"L
•Run Time: Up to 4 hours of continuous use; 2 additional hours of declining useable output
Part No. 68602, yellow colour.
Part No. 68702, black colour.

UL Class1, Div1

PROPOLYMER® 4AA LED

•Battery: (4) AA alkaline (included)
•Bulb: Seven 100,000 hour lifetime, high intensity Light Emitting Diodes (LEDs)
•Weight with Batteries: 6.3 ounces
•Dimensions: 1.69"D x 6.5"L
•Run Time: Up to 155 hours
Part No. 68202, yellow colour.
Part No. 68302, black colour.
Part No. 68212, with blue LEDs, yellow colour.

PROPOLYMER® 3C

•Battery: (3) C alkaline (not included)
•Bulb: High intensity Xenon gas filled bi-pin
•Weight with Batteries: 13.5 ounces
•Dimensions: 2"D x 8.55"L
•Run Time: Up to 5.5 hours of continuous use
Part No. 33254, yellow colour.

PROPOLYMER® 3C LED

•Battery: (3) C alkaline (not included)
•Bulb: Ten 100,000 hour lifetime, high intensity Light Emitting Diodes (LEDs)
•Weight with Batteries: 13.5 ounces
•Dimensions: 2"D x 8.55"L
•Run Time: Up to 336 hours
Part No. 33202, yellow colour.
Part No. 33302, black colour.
Part No. 33212, with blue LEDs, yellow colour.

PROPOLYMER® 3C LUXEON®

•Battery: (3) C alkaline (not included)
•Bulb: One (1 watt) Super High Flux Luxeon LED, 10,000 hour LED life
•Weight with Batteries: 0.94 pounds
•Dimensions: 2"D x 9.30"L
•Run Time: 5.5 hours continuous at full intensity; 2 additional hours of declining useable output
Part No. 33602, yellow colour.
Part No. 33702, black colour.

PROPOLYMER® ACCESSORIES

Part No. 67005, 2AA helmet clamp, industrial.
Part No. 68004, 4AA helmet clamp, fire.
Part No. 68005, 4AA helmet clamp, industrial.
Part No. 67007, 2AA Xenon lamp assembly.
Part No. 68220, 4AA Xenon lamp assembly.
Part No. 33004, 3C Xenon lamp assembly.
Part No. 33221, 3C white LED lamp module.
Part No. 68221, 4AA white LED lamp module.
Part No. 75904, 4AA yellow safety wand.
Part No. 75903, 4AA red safety wand.
Part No. 75902, 4AA blue safety wand.
Part No. 75908, 4AA white safety wand.
Part No. 72024, lanyard with push button slide.

Alkaline Flashlights & Accessories

STYLUS® & STYLUS® REACH™ PENLIGHTS

This ultra slim, amazingly bright penlight features an LED bulb, lasts 100,000 hours, and is visible from a mile away. For hands free lighting, clip it to your hat or clothing. Plus, you can easily switch between momentary "blink" and constant "on". The virtually indestructible Stylus is constructed from aircraft aluminum casing and is waterproof. The Stylus Reach has the same great features as the Stylus but has a flexible cable extension, allowing you to get deep into the tightest spots.

STYLUS®

•Battery: (3) AAAA alkaline (included)
•Bulb: 100,000 hour lifetime, high intensity Light Emitting Diode (LED), "solid state bulb"
•Weight with Batteries: 1.1 ounces
•Dimensions: .38"Dia. x 6.21"L
•Run Time: Up to 60 hours
Part No. 65006, red LED, black colour.
Part No. 65022, blue LED, black colour.
Part No. 65058, white LED, black colour, UL listed.
Part No. 65016, blue LED, silver colour.
Part No. 65012, white LED, silver colour.

STYLUS REACH®

•Battery: (3) AAAA alkaline (included)
•Bulb: 100,000 hour lifetime, high intensity Light Emitting Diode (LED), "solid state bulb"
•Weight with Batteries: 1.7 ounces
•Dimensions: .38"Dia. x 7"L folded; 14"L extended
•Run Time: Up to 60 hours
Part No. 65622, blue LED, black colour.
Part No. 65658, white LED, black colour, UL listed.

STYLUS® UV

Includes an ultraviolet light for fluorescent detection of fraudulent documents and for use in forensic investigations.
•The same features as Stylus with an ultraviolet LED.
Part No. 65069, ultraviolet LED, black colour.

STYLUS REACH® 18

The slim, compact, lightweight Stylus Reach® allows you to see almost anywhere. Thanks to its flexible cable, nothing is out of sight.
•Battery: (3) AAAA alkaline (included)
•Bulb: 100,000 hour lifetime, high intensity Light Emitting Diode (LED), "solid state bulb"
•Weight with Batteries: 3.5 ounces
•Dimensions: 25.5" extended; 13"folded
•Includes flexible 18.75" cable extension cable that allows for 25.5" of "reach"
Part No. 65418, white LED, black colour.
Part No. 65422, blue LED, black colour.

STYLUS® ACCESSORIES

Part No. 65031, Stylus glare guard.
Part No. 65065, Stylus sharp spot, black.
Part No. 72024, Stylus lanyard with push button slide.
Part No. 65030, Pack of 6, AAAA batteries.

JR® LUXEON® REACH LED FLASHLIGHT

This super bright, powerful light goes where no light has gone before. You can twist & turn the tough PVC coated cable into any position to see almost anywhere. The magnetic clip allows you to attach the light to any metal surface to illuminate your work area.

•1-watt, 50,000 hour "Luxeon® Star" LED provides up to 24 lumens of light
•Flexible, durable cable makes it easy to point the light in any direction. Reach length: 14", Folds to 9", Overall length: 20"
•Runs up to 3 hours at maximum intensity (1.5 hrs. additional declining useable output)
•Push button tailcap for steady on and momentary on/off operation
•Magnetic clip holder included
•Powered by 2 "AA" size alkaline batteries, included in package
•6.3 ounces
Part No. 71600, black colour.

SCORPION® COMPACT FLASHLIGHT

Compact, lithium powered flashlight, with variable spot-to-flood focus. Xenon bulb provides up to 6,500 candlepower. Triple-action tailcap switch. Rubber-armored sleeve over aluminum body. Spare bulb included and is located in its lamp holder assembly.

•Battery: (2) 3 Volt lithium with a shelf life of nearly ten years (included)
•Bulb: Xenon gas filled bi-pin
•Weight with Batteries: 4.4 ounces
•Dimensions: 4.9"L
•Run Time: One hour of continuous use
Part No. 85001, black colour.
Part No. 85914, Scorpion bulb.
Part No. 85905, Scorpion black nylon holster.

KEY-MATE® COMPACT FLASHLIGHT

The smallest, brightest 1 oz. LED flashlight available. This tiny LED flashlight is super bright, tough, and remarkably handy. It's so compact, you can carry it with you at all times. It offers a spot-to-flood beam, 400% more lighting range than a penlight, and reflector optics that enhances the brightness of the LED. The Key-Mate offers versatile powder coated spring steel pocket clip. Weatherproof - O-ring sealed. Rotary head switch.

•Battery: (4) alkaline button cells (included)
•Bulb: 100,000 hour lifetime, high intensity Light Emitting Diode (LED) with reflector optics.
•Weight with Batteries: .9 ounces
•Dimensions: 2.36"L
•Run Time: Up to 96 hours
Part No. 72001, white LED, black colour.
Part No. 72101, white LED, titanium colour.
Part No. 72024, lanyard with push button slide.

CLIPMATE™ CLIP-ON FLASHLIGHT

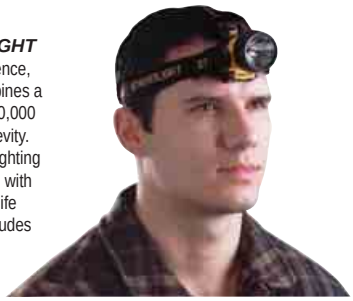
The ClipMate is a small but durable clip-on flashlight that gives you the power of three super bright, 100,000 hour LEDs. Available in brilliant white or night vision green LED, both of which are visible for more than a mile away. This 360° rotating light is also convenient because its large clip allows easy attachment to almost anything. Water resistant. Includes a fully adjustable head strap and a convenient lanyard.

•Battery: (3) AAA alkaline (included)
•Bulb: (3) 100,000 hour lifetime, high intensity Light Emitting Diode (LED) "solid state bulb"
•Weight with Batteries: 2.4 ounces
•Dimensions: 1"D X 1.5"H X 3.5"L
•Run Time: Up to 120 hours
Part No. 61100, white LED, yellow colour.
Part No. 61102, green LED, black colour.

Alkaline Flashlights & Accessories

TRIDENT™ HEADLAMP FLASHLIGHT

Trident headlamp is the ultimate in convenience, safety, and dependability. The Trident combines a super bright white Xenon bulb with three 100,000 hour LEDs, giving you high power and longevity. This lightweight headlamp, features 3 way lighting for short, medium and long distances. Plus, with a tough polymer construction and a battery life of up to 120 hours. Water resistant and includes adjustable head straps.



•Battery: (3) AAA alkaline (included)
•Bulb: 3 Volt 300 ma, Xenon T1 Bi-Pin. Three 100,000 hour lifetime, high intensity Light Emitting Diode (LED) "solid state bulb"
•Weight with Batteries: 5 ounces
•Dimensions: 2"D x 2"H x 2.75"L
•Run Time: Up to 120 hours with one LED
Part No. 61050, white LEDs, yellow colour c/w elastic headstrap and rubber hard hat strap.
Part No. 61051, (2) white & (1) green LEDs, green colour.
Part No. 61004, Xenon bulb.
Part No. 61001, battery cartridge.

SEPTOR™ HEADLAMP FLASHLIGHT

The combination of brilliant LEDs in the headlamp places the Septor in a class by itself. Its piercing light comes from seven super bright white LEDs each with a life of 100,000 hours. The LEDs provide 3 way, hands free lighting for short, medium, and long distances. Plus, a 90° tilting head lets you zero in on the source you're illuminating. Constructed of virtually indestructible polymer. Septor has fully adjustable straps and is water resistant.

•Battery: (3) AAA alkaline (included)
•Bulb: Seven 100,000 hour lifetime, high intensity Light Emitting Diode (LED) "solid state bulb"
•Weight with Batteries: 5 ounces
•Dimensions: 2"D x 2"H x 2.75"L
•Run Time: Up to 120 hours with one LED
•Yellow colour
Part No. 61052, includes elastic headstrap and rubber hard hat strap.
Part No. 61001, battery cartridge.

Rechargeable Flashlights & Accessories

STINGER® RECHARGEABLE FLASHLIGHTS

Stinger® and UltraStinger™ models are compact machined aluminum housing anodized against corrosion inside and out; unbreakable polycarbonate lens. The PolyStinger® model is super tough non-conductive nylon polymer with non-slip grip; unbreakable polycarbonate lens. Stinger is the only machined aluminum flashlight to carry an Underwriters Laboratories (UL) listing. PolyStinger also carries the same listing. Stinger, UltraStinger, and PolyStinger come with (1) 120V AC charge cord, (1) 12V DC charge cord, and (2)10 hour snap-in charger/holders. Batteries are a Nickel-cadmium 3.6 Volt (6 Volt UltraStinger), 1.8 amp hour, sub-C; rechargeable up to 1,000 times.

STINGER®

•Bulb: 3.7 Volt, 6 watt, Xenon gas filled bi-pin; spare bulb in tailcap.
•Weight with Battery: 10 ounces
•Length: 7.4 inches
•Run Time: 1 hour of continuous use between charges
•Candlepower: Up to 15,000; adjustable focus
Part No. 75014, black colour.

POLYSTINGER®

•Bulb: 3.7 Volt, 6 watt, Xenon gas filled bi-pin; spare bulb in tailcap.
•Weight with Battery: 8.7 ounces
•Length: 7.4 inches
•Run Time: 1 hour of continuous use between charges
•Candlepower: Up to 15,000; adjustable focus
Part No. 76014, yellow colour.
Part No. 76514, black colour.

ULTRASTINGER®

•Bulb: 6 Volt, 10 watt, Xenon-halogen gas filled bi-pin
•Weight with Battery: 1.1 lbs.
•Length: 11.75 inches
•Run Time: 1 hour of continuous use between charges
•Candlepower: Up to 75,000; adjustable focus
Part No. 78014, black colour.

STRION™ RECHARGEABLE FLASHLIGHT & ACCESSORIES

Strion weighs just 4.6 ounces. Yet, with 12,000 candlepower, it's as bright as lights five times its size! The 6 watt xenon gas filled bulb is powered by an innovative lithium ion battery that's as strong as batteries twice its weight and size. This powerful light has an adjustable spot-to-flood focus, a spare lamp in the tailcap, and a runtime of up to 70 minutes. The Strion is so compact and powerful, it's the ideal duty or backup light.

•12,000 candlepower
•Only 5.3 inches long
•Weighs only 4.6 ounces
•Run time: 70 minutes
•Aircraft aluminum with anodized finish
•Comes with (1) 120V AC charge cord, (1) 12V DC charge cord, (2) Snap-in charger/holders, and rechargeable battery stick.
Part No. 74002, black colour.
Part No. 74175, replacement battery stick.
Part No. 74903, red safety wand.
Part No. 74904, yellow safety wand.

SL-20X® RECHARGEABLE FLASHLIGHT

Machined aluminum anodized against corrosion inside and out; unbreakable polycarbonate lens. Comes with (1) 120V AC charge cord, (1) 12V DC charge cord, and (2) charge sleeves. Battery is a Nickel-cadmium 6 Volt, 2.4 amp hour, 1/2 D; rechargeable up to 1,000 times.

•Bulb: 10 watt, hard glass halogen pre-focused in spun reflector
•Weight with Battery: 1.9 pounds
•Length: 13 inches
•Run Time: 1.5 hours of continuous use between charges
•Candlepower: Up to 30,000 pre-focused
Part No. 26010, black colour.

STINGER® & SL-20X® ACCESSORIES

Nickel Cadmium Batteries
Part No. 75175, battery stick for Stinger, PolyStinger.
Part No. 20170, battery stick for SL-20X.
Part No. 77175, battery stick for UltraStinger.

Bulbs and Lamp Modules
Part No. 75914, bulb for Stinger, PolyStinger.
Part No. 78914, bulb for UltraStinger.
Part No. 20110, lamp module for SL-20X.

Lens
Part No. 20160, clear polycarbonate lens for SL-20X, UltraStinger.
Part No. 75956, lens/reflector assembly for Stinger.
Part No. 76956, lens/reflector assembly for PolyStinger.

Nylon Holsters and Ring Holders
Part No. 25090, holster for rechargeables.
Part No. 76090, holster for Stinger, PolyStinger.
Part No. 75906, ring holder for all Stingers.
Part No. 22911, ring holder for SL-20X.

Safety Wands for Stinger, PolyStinger
Part No. 75904, yellow safety wand.
Part No. 75903, red safety wand.
Part No. 75902, blue safety wand.
Part No. 75908, white safety wand.

SURVIVOR® DIVISION 2 MODEL RECHARGEABLE FLASHLIGHT

Survivor - Steady Charge Model Flashlight case is made from high impact, super tough nylon and is "O" Ring sealed; unbreakable Lexan® lens. Non incendive, two position rotary switch is "O" Ring sealed and with a 1/4" high actuator that provides easy operation, even with heavy gloves. Smoke Cutter® optics. Black-dot bulb specifically designed to cut through dense smoke, fog and mist. Hinged door and latch for quick battery reload. Battery is a Nickel-cadmium 4.8 Volt, 1.8 amp hour, sub-C; rechargeable up to 1,000 times. Comes with (1) 10-hour Steady Charger holder with (1) 120V AC charge cord, (1) 12V DC charge cord.
•Lamp: 5.5 watt, 4.8 Volt "black dot" Xenon bulb
•Weight with Battery: 15.4 ounces
•Dimensions: 6.88"H x 3"W x 3.38"D
•Run Time: Up to 1.7 hours of continuous use between charges
•Candlepower: Up to 25,000

Part No. 90043, orange colour.
Part No. 90338, battery pack assembly.
Part No. 90314, black dot Xenon bulb.
Part No. 90330, facecap assembly.
Part No. 90054, bezel/lens assembly.

LITEBOX SYSTEM RECHARGEABLE FLASHLIGHT

Litebox® Standard System case is made from high impact ABS thermoplastic housing; rubberized impact bumper, lens ring and cushioned grip handle. LiteBox features a sealed beam system. This proprietary design allows easy replacement of halogen bulbs, minimizing replacement costs, while maximizing performance. Battery is a 6 Volt, 10 amp hour, sealed lead acid; rechargeable up to 500 times.
•Bulb: High intensity halogen 8 watt spot, Par 36
•Weight with Battery: 7.4 pounds.
•Dimensions: 11.5"L x 5.1"W x 7"H
•Run Time: Up to 8 hours of continuous use between charges
•Candlepower: Up to 50,000

LITEBOX® STANDARD SYSTEM

Includes (1) Mounting/ charging rack with (1) 120V AC charge cord, (1) 12V DC charge cord, and (1) shoulder strap.
Part No. 45116, orange colour.

LITEBOX® VEHICLE MOUNT SYSTEM

Includes (1) Truck mountable 12 Volt DC direct wire mounting rack, and (1) shoulder strap.
Part No. 45107, orange colour.

FIRE VULCAN® RECHARGEABLE FLASHLIGHT

The Fire Vulcan® designed by firefighters for firefighters - is the safety lantern because it features two ultra bright blue taillight LEDs that lets your partners see you when they're following (or approaching) you in a smoke filled room. In fact, this versatile lantern is ideal for the many roles of a firefighter. Features: •2 taillight LEDs - offers 2 modes: steady and blinking •Quick release strap •3-position toggle switch, easy to turn on/off with gloves •High clearance handle, your gloved hand fits easily around it •Heavy duty D-rings for strap connection •Rugged, high impact thermoplastic housing •Waterproof. Battery is a 6 Volt, 4.5 amp hour, sealed lead acid, rechargeable up to 500 times. Includes (1) 120 V, 230V or 240V AC (home) charging cord and (1) 12 Volt DC (automobile) charging cord. Charging rack and quick release shoulder strap.
•Bulb: High intensity halogen 8 watt spot, Par 36. Two (2) ultra bright blue LEDs.
•Weight with Battery: 3.3 pounds.
•Dimensions: 7.5"L x 5"W x 5.75"H
•Run Time: Steady mode: 3 hours. Blinking Mode: 6 hours. Blinking (LEDs only): 60 hours.
•Candlepower: 8 watt spot, Up to 65,000
Part No. 44400, orange colour.

LITEBOX & FIRE VULCAN® ACCESSORIES

Part No. 45937, battery for LiteBox.
Part No. 44007, battery for Fire Vulcan.
Part No. 45911, 8 watt spot lamp assembly for LiteBox.
Part No. 45901, 8 watt bi-pin bulb (100 hr) for LiteBox and Fire Vulcan.
Part No. 44050, quick release strap for LiteBox and Fire Vulcan.

BERNZOMATIC® PRODUCTS

Trigger Start Torches

QUICKFIRE™ TRIGGER START PROPANE TORCH KIT
2 piece torch kit — handle the heat with the Bernzomatic Quickfire torch. Its quick-starting igniter, comfortable grip and easy maneuverability make it the first choice for fast jobs. •For use with propane fuel only •Pressure regulated to burn upside down!
Part No. BZTS3000KC.

BRASS BURNER WAND/TIP/HOSE
Solid brass burner wand with swirl flame burn tip, 4 ft. hose and cylinder clip. Burn tip produces a turbo-charged swirl action flame for maximum heat output. Pressure regulated torch can be used at any angle. Burns propane or MAPP gas for maximum heat.
Part No. JTH7.

TRIGGER START TORCH HEADS
Trigger start self-igniting propane torch head with adjustable flame control.
Part No. TS1500T.

Trigger start cast aluminum torch head.
Part No. TS4000T.

Trigger start adjustable/high output cast aluminum torch head (burns propane and MAPP gas)
Part No. TS7000T.

POWERCELL™ FUEL SYSTEM
Offers all the power with half the size™. •Adjustable Flame Control packs all of the power and performance of a full size torch in half the size. It is the most compact, lightweight and easy to use propane torch available anywhere. Use it to solder or thaw copper pipe; loosen rusted bolts; strip paint; even top off the perfect créme brulee!
Part No. BZTSPC8KC.

Replacement 8 oz. Powercell cylinder.
Part No. BZPC8

Jet Torches

JUMBO FLAME TORCH KIT
2 piece jumbo flame torch kit — includes torch that produces a large, high volume 1¼" flame.
Part No. JT680.

PENCIL FLAME TORCH HEAD
Produces a ½" pencil point flame for detail work.
Part No. JT681.

FLAME SPREADER
Stainless steel. For use with all ½" O.D. burn tips.
Part No. 810.

2 PC. PENCIL FLAME TORCH KIT
Durable, solid brass construction •Fully adjustable fuel knob •Solid brass value threads help seizing or binding •Kit includes: solid brass propane torch and propane fuel cylinder
Part No. BZUL100.

7 PC. PENCIL FLAME TORCH KIT
Durable, solid brass construction •Fully adjustable fuel knob •Solid brass value threads help seizing or binding •Kit includes: solid brass propane torch, propane fuel cylinder, sparker, flame spreader, replacement flints, utility flame head and molded plastic case
Part No. BZUL125.

SELF-IGNITING OUTDOOR TORCH
Easy-start yard and utility torch produces 20,000 BTU output. Fueled by propane or MAPP gas. •Trigger start for ease of lighting •Solid brass regulators for durability •Extended handle for greater reach
Part No. JT850.

BERNZOMATIC®

Brazing Torches

TRIGGER START FLAME CONTROL TORCH
Adjustable knob, instant off trigger and lock button. Swirl flame and cast aluminum body. 360° swiveling torch head.
Part No. TS99T.

TRIGGER START BRAZING TORCH KIT
With torch head and 16 oz. MAPP gas cylinder.
Part No. BZTS839ZKC.

Specialty Torches

LIGHTWEIGHT MICRO FLAME TORCH
Streamlined, refillable, compact design for comfortable use. Removable solder tip and hot blower. Built-in stand, on/off switch. (Burns butane fuel.)
Part No. ST200T.

MICRO FLAME TORCH & SOLDERING KIT
Refillable micro torch with solder tip and hot blower attachments. Easy to use trigger start with continuous run lock button. Comfort grip handle with refill valve.
Part No. ST2200T.

COMPLETE MICRO FLAME TORCH KIT
6 tips for multiple applications. (Burns butane fuel.)
Part No. ST250K.

6 PC. LIGHTWEIGHT MINI TORCH KIT
Includes needle point flame torch, hot air tip, 2.4 mm soldering tip, 4 ft. hose, hot knife, and torch stand. (Burns propane and MAPP gas.)
Part No. ST900D.

Accessories

DISPOSABLE CYLINDERS
Part No. BZTX9, Propane cylinder, 14.1 oz.
Part No. BZTX916, Propane cylinder, 16.4 oz. (for use with recreational propane appliances).
Part No. BZMG9, MAPP gas cylinder, 16 oz.
Part No. BF9, Butane cylinder, 2.1 oz.

BZTX916

BZMG9

BF9

SPARK LIGHTER & FLINTS
Creates a spark to ignite most propane and MAPP gas fueled appliances quickly and easily. Includes replacement flints.
Part No. TX405.

FLEXIBLE LIGHTER
Comes fully equipped with a dependable wind proof flame, soft grip handle, bonus refill and performs equally as well in all indoor and outdoor applications. •Bend it •Shape it •Direct it anywhere you need it •Ideal for lighting candles, camping, grilling
Part No. BZO-2MPP.

BERNZOMATIC® PRODUCTS

Oxygen/Acetylene Torch Kits

OXYGEN/MAPP GAS BRAZING/WELDING/CUTTING TORCH KIT

Includes burner wand, hose, oxygen regulator, fuel gas valve, cylinder, stand, 16 oz. MAPP gas cylinder, 1.1 cubic foot oxygen cylinder, spark lighter, 5 brazing/welding rods, and a "How to Manual". (Burns oxygen and propane or MAPP gas).
Part No. BZOX2550KC.

OXYGEN CYLINDER

1.1 cubic foot.
Part No. BZOX9.

TORCH & FUEL FACTS

•Mapp® vs. Propane

•Work is completed most efficiently with the primary flame •MAPP fuel has 51% more heat transfer in the primary flame than propane
Propane Flame Temperature in air: 3450°F
Propane Primary Combustion Heating Value: 255 BTU/CuFt.

MAPP Flame Temperature in air: 3650°F
MAPP Primary Combustion Heating Value: 517 BUT/CuFt.

Basics — Soldering & Brazing

SOLDERING

Definition: The process of joining two copper pipes to create a water tight seal.
STEPS:
1. Clean fitting and pipe with abrasive cloth.
2. Apply flux to the fitting and pipe.
3. Heat joint with primary flame until flux sizzles.
4. Apply solder to the joint.

NOTE: Solder should be melted by the heat of the pipe and fitting, not direct contact with the flame.

BRAZING

Definition: The process of joining two independent pieces of metal to form one strong weight bearing joint.
STEPS:
1. Stage metal pieces into desired position.
2. Heat joint until it glows.
3. Apply brazing rod to joint while continuing to heat.

NOTE: Brazing rod should be melted by the heat of the metal pieces, not direct contact with the flame.

WELLER®

Soldering Equipment

8 PC. HEAVY DUTY SOLDERING KIT

Contains D550CSA soldering gun with tin plated heavy copper tip, 1 sealing tip, 1 cutting tip, flux brush, soldering aid tool, coil of lead free solder and sturdy plastic carrying case. 260/200 watt, 120 volt.
Part No. D550PK.

8 PC. SOLDERING KIT

Includes: 8200 dual heat soldering gun with 1 soldering tip, 1 sealing tip, 1 cutting tip, flux brush, soldering aid tool, coil of 60/40 rosin-core solder, and sturdy plastic carrying case. 140/100 watt, 120 volt.
Part No. 8200PK.

HEAVY DUTY SOLDERING GUN

Highest output gun with 2-position trigger selection of dual heats. Heavy gauge, high efficiency, tin plated copper tip arrives at selected temperature in 6 seconds. Pistol-grip design with twin lights to illuminate work. 260/200 watt, 120 volt.
Part No. D550CSA.

Soldering Equipment

Weller

PORTASOL® PROFESSIONAL CORDLESS REFILLABLE BUTANE GAS POWERED SOLDERING IRON KIT

Includes PSI-100C soldering iron, 2 chisel tips, hot blower tip, hot knife tip, cleaning sponge, safety stand and rugged storage case. 125 watt.
Part No. PSI-100K.

PORTASOL® SELF-IGNITING PORTABLE BUTANE SOLDERING IRON

Ideal for service technicians to anti-static solder, heat shrink and cut rope. Rugged stainless steel body features "Auto Switch" safety shutoff, iron plated tips, and built-in filter. Temperature is adjustable to 1,076°F. 125 watt.
Part No. PSI-100C.

LIGHTWEIGHT SOLDERING IRON

With pencil handle and replaceable tip, designed for hobbies, kits, radios. 8-1/4" long. 1/8" tip develops 750° F (400°C). 25 watt, 120 volt.
Part No. SP23LCSA.

LIGHTWEIGHT PENCIL IRON

For hobby and electronic work. 8-1/4" long. 1/4" tip develops 900°F (482°C). 40 watt, 120 volt.
Part No. SP40LCSA.

MEDIUM-DUTY PENCIL IRON

Ideal for hobby work, stained glass and minor repairs. Includes soldering iron rest. 9-3/4" long. 3/8" tip develops 900°F (482°C). 80 watt, 120 volt.
Part No. SP80LCSA.

STAINED GLASS IRON

Can tackle the most intricate seams and repair old ones. Includes SP80LCSA iron, 2 pre-tinned (1/4" and 3/8") tips of iron plated copper and soldering iron rest. 80 watt, 120 volt.
Part No. SPG80LCSA.

HEAVY-DUTY IRON FOR GREATER OUTPUT

Ideal for home workshop and repairs, stained glass and hobbies, includes soldering iron rest. 11-3/8" long. 1/2" long-life iron plated copper tip develops 900°F (482°C). 120 watt, 120 volt.
Part No. SP120-3CSA.

EXTRA HEAVY-DUTY IRON FOR DEMANDING JOBS

For sheet metal work. Includes soldering iron rest. 12-1/2" long. 5/8" long-life iron plated copper tip develops 900°F (482°C). 175 watt, 120 volt.
Part No. SP175-3CSA.

SOLDERING IRON/GUN REPLACEMENT TIPS

Part No. MT1, Cone soldering tips for SP23LCSA, 1/8" tip size. Packed 2/card.
Part No. MT10, Chisel soldering tips for SP40LCSA, 1/4" tip size. Packed 2/card.
Part No. MTG20, Chisel soldering tip for SPG80LCSA, 3/8" tip size. Packed 1/card.
Part No. MTG30, Chisel soldering tip for SP120-3CSA, 1/2" tip size. Packed 1/card.
Part No. MTG40, Chisel soldering tip for SP175-3CSA, 5/8" tip size. Packed 1/card.
Part No. PSI-2*, Flat soldering tip for PSI-100C, 3/32" tip size. Packed 1/card.
Part No. PSI-4*, Flat soldering tip for PSI-100C, 3/16" tip size. Packed 1/card.
Part No. PSI-6*, Chisel soldering tip for PSI-100C, 3/32" tip size. Packed 1/card.
Part No. PSI-8*, Chisel soldering tip for PSI-100C, 3/16" tip size. Packed 1/card.
Part No. PSI-9*, Hot blower soldering tip for PSI-100C. Packed 1/card.
Part No. PSI-10*, Hot knife soldering tip for PSI-100C. Packed 1/card.
Part No. 7250W, Copper soldering tips for D550CSA soldering gun. Packed 2/card.
Part No. 7135W, Copper soldering tips for 8200 soldering gun. Packed 2/card.
Part No. WB1C, 60 gram, premium butane fuel cylinder for PSI-100C.

MT1

MT10

PSI-4 PSI-8

7135W

WB1C

* Temperature range up to 850°F (450°C).

LENOX Solder & Accessories

LEN/2658/2659

LENOX

ACID CORE LEAD-FREE SOLDER

PART NO.	WEIGHT LB.	WEIGHT g	DIA. IN.	DIA. mm
WS15023	1	454	.062	1.6
WS15406	1	454	.125	3.2

ROSIN CORE LEAD-FREE SOLDER

PART NO.	WEIGHT LB.	WEIGHT g	DIA. IN.	DIA. mm
WS15030	1	454	.062	1.6
WS15401	1	454	.031	.79
WS15405	1	454	.125	3.2

PREMIUM LEAD-FREE SOLDER

PART NO.	WEIGHT LB.	WEIGHT g	DIA. IN.	DIA. mm
Sterling® Lead-Free Solder:				
WS15086	1	454	.118	3
Silver Bearing Alloy Lead-Free Solder:				
WS15067	1	454	.118	3
97/3 Lead-Free Solder:				
WS15064	1	454	.118	3
95/5 Lead-Free Solder:				
WS15018	1	454	.118	3

ACID CORE LEADED SOLDER — 40/60

PART NO.	WEIGHT LB.	WEIGHT g	DIA. IN.	DIA. mm
WS10315	1	454	.062	1.6

ROSIN CORE LEADED SOLDER — 60/40

PART NO.	WEIGHT LB.	WEIGHT g	DIA. IN.	DIA. mm
WS10312	1	454	.062	1.6
WS10318	1	454	.031	.8
WS10321	1	454	.10	2.5
WS10322	1	454	.125	3.2

FLUX

PART NO.	DESCRIPTION	WEIGHT OZ.	WEIGHT g
WS78091	Sterling® Water Soluble Flux	1.7	48
WS78092	Sterling® Water Soluble Flux	8	227
WS78093	Sterling® Water Soluble Flux	16	454
WS78090	Paste Flux	2	56.8
WS78130	Paste Flux	8	227
WS80143	Paste Flux	16	454
WS81090	Cold Weather Paste Flux	2	56.8
WS81130	Cold Weather Paste Flux	8	227
WS81143	Cold Weather Paste Flux	16	454

TIGER TORCH
Torches, Regulators, & Accessories

ANGLE TIGER TORCH
Copper bronze head, single barber jet with flash protection, steel stem, neoprene hand grip, and needle valve. 208,000 BTU at 30 lbs. PSI.
Part No. 445.

STRAIGHT TIGER TORCH
Cast iron head, single barber jet with flash protection, steel stem, neoprene hand grip, and needle valve. 208,000 BTU at 30 lbs. PSI.
Part No. 95-B.

PROPANE REGULATOR
Complete with adjusting handle.
Part No. 567-EB.

REPLACEMENT PARTS
Part No. 445H, Head for 445 torch.
Part No. 95BH, Head for 95-B torch.
Part No. 400-50, Orifice for 95-B and 445 torches.
Part No. 400-61, Bushing and filter for 445 torch.
Part No. 400-60, Bushing and filter for 95-B torch.
Part No. 854-L, Needle valve - 9/16-18 L.H. to 1/4 NPT.

HOSE ASSEMBLIES
Part No. 3410, 10 ft. Tiger Torch hose c/w 9/16-18 L.H. fittings.
Part No. 3415, 15 ft. Tiger Torch hose c/w 9/16-18 L.H. fittings.
Part No. 3420, 20 ft. Tiger Torch hose c/w 9/16-18 L.H. fittings.
Part No. 3425, 25 ft. Tiger Torch hose c/w 9/16-18 L.H. fittings.
Part No. 3430, 30 ft. Tiger Torch hose c/w 9/16-18 L.H. fittings.

FITTINGS
Part No. 1601, POL nut - 7/8" hex.
Part No. 1605, POL stem - 1/4" NPT.
Part No. 1606, POL stem - 9/16"-18 LH.
Part No. 135-LB, 9/16-18 LH x 1/4" male pipe connector.

1601

1605

135-LB

Required items to connect a Tiger Torch to a propane tank:

1. Select the appropriate size tank.
2. You will need part #1605 POL stem, #1601 POL nut, #567-EB regulator, #135-LB connector.
3. Select the appropriate Tiger Torch hose length.
4. Select the appropriate Tiger Torch (either #445 or #95-B).

PROPANE
Bottles

PROPANE BOTTLES
Part No. QCC-20, 20 lb. propane bottle c/w QCV safety valve.
Part No. QCC-30, 30 lb. propane bottle c/w QCV safety valve.
Part No. QCC-40, 40 lb. propane bottle c/w QCV safety valve.
Part No. PRO-100, 100 lb. propane bottle.

FLAME KING MAX PROPANE BOTTLE C/W GAUGE
NEVER run out of propane! Take the guesswork out of grilling!! With the new Flame King Max and its built-in gauge, you will always know the right time to fill. Accurate, easy to read and easy to use. 20 lb. QCC bottle.
Part No. GAUGE-QCC-20.

Safety Containment Systems

JUSTRITE

Justrite Safety Cabinets features: •Double wall construction with 1½" insulating air space •Sturdy 18 gauge steel, welded for strength, long life and greater fire protection •Stainless steel, three-point bullet self latching system provides easy, fail-safe, positive door closure with increased heat resistance; with double key set •Exclusive U•Loc™ padlockable handle allows for extra security and keycoding multiples for convenient access •Flush paddle handle with slip resistant grip offers easy fingertip operation and reduces dangerous "catches" from passing traffic •2" leakproof sill to capture spills •High visibility trilingual warning label with new Haz-Alert™ Safety Brand — Firefighter friendly reflective band at bottom alerts firefighters when crawling in smoke-filled areas •Dual 2" vents with flame arresters •New, exclusive SpillSlope™ safety shelves directs spills to back and bottom of leak proof sump, easily adjust on 3" centres •Durable lead-free powder paint finish, inside and out, for maximum chemical resistance •Four adjustable levelling feet provide a wobble-free base •Built-in grounding connector prevents static build-up •Quality backed by exclusive 10 year warranty

***YELLOW** cabinets are most often used for flammable liquids. **RED** cabinets usually identify paints, inks and other combustible liquids. **BLUE** cabinets typically store corrosive liquids.*

YELLOW SURE-GRIP® EX SAFETY CABINETS FOR FLAMMABLES

2 door cabinet, 44"H x 43"W x 18"D, 30 gallon capacity. 1 adjustable shelf; paddle handle.
Part No. 893000.

2 door cabinet, 65"H x 43"W x 18"D, 45 gallon capacity. 2 adjustable shelves; paddle handle.
Part No. 894500.

2 door cabinet, 65"H x 34"W x 34"D, 60 gallon capacity. 2 adjustable shelves; paddle handle.
Part No. 896000.

RED SAFETY CABINETS FOR FLAMMABLES

2 door cabinet, 65"H x 43"W x 18"D, 45 gallon capacity. 2 adjustable shelves; paddle handle.
Part No. 894501.

Note: Only 2 shelves are included with this cabinet.

YELLOW COUNTERTOP & COMPAC CABINETS

1 door countertop cabinet, 22"H x 17"W x 17"D, 4 gallon capacity. 1 adjustable shelf; paddle handle.
Part No. 890400.

1 door compac cabinet, 35"H x 23¼"W x 18"D, 12 gallon capacity. 1 adjustable shelf; paddle handle.
Part No. 891200.

YELLOW SLIMLINE SAFETY CABINETS

1 door slim cabinet, 65"H x 23¼"W x 18"D, 22 gallon capacity. 3 adjustable shelves; paddle handle.
Part No. 892200.

YELLOW VERTICAL DRUM SAFETY CABINETS

Safely house 55 gallon drums — these cabinets are designed to accommodate a drum equipped with a pump or funnel so it may be used as a pumping station or for waste accumulation.
2 door cabinet with drum rollers, 65"H x 34"W x 34"D, stores (1) 55 gallon drum. Paddle handle.
Part No. 896260.

YELLOW AEROSOL CAN BENCHTOP SAFETY CABINET

Fits up to 24 aerosol cans in 2 easy roll-out shelves! Shelves feature "Stopguard" protection so they won't fall out when fully extended. 1 door cabinet, 27"H x 21"W x 18"D; paddle handle.
Part No. 890500.

YELLOW HORIZONTAL DRUM SAFETY CABINETS

These cabinets are designed to house drums being used for gravity flow dispensing. Interior provides space for a drip can and includes tracks to guide drum cradle into position (drum cradle not included). 2 door cabinet, 50"H x 30"W x 48"D, stores (1) 55 gallon drum. Paddle handle.
Part No. 899300.

JUSTRITE®

JUSTRITE

2 DOOR HIGH SECURITY SAFETY CABINETS WITH FORKLIFT POCKETS

Safely store and protect costly fuels or chemicals from tampering or theft. Security system includes ¼" x 2" steel bar stock, high visibility barrier bar secured across both doors to deter prying. Crossbar is firmly supported by two brackets welded across the front of the cabinet doors and interlocks onto two sidewall brackets. Padlock lugs on crossbar and side bar channel are located on each side of the cabinet, provide double layered steel strength and accept No. 5 Master Locks (sold separately). Lockable doors with Sure-Grip® handle are designed with a three point latch for an extra measure of security. Manual closing door self-latches for maximum protection under fire conditions. High visibility flammable labels promote proper usage while contrasting colour crossbar enables security checks even from a distance. Exterior Dimensions: 68½" H x 43" W x 18" D. Capacity: 45 gallons. Number of shelves: 2 adjustable.

Part No. 29882Y, yellow cabinet.

Part No. 29882R, red cabinet.

Contrasting crossbar can be completely removed from the cabinet when not in use.

Support brackets are firmly welded to cabinet door for extra tamper resistance.

RED SAFETY CABINETS FOR COMBUSTIBLES

2 door cabinet, 65"H x 43"W x 18"D, 60 gallon capacity. 5 adjustable shelves; lever handle.

Part No. 894511.

BLUE STEEL SAFETY CABINETS FOR CORROSIVES

These cabinets also include polyethylene trays attached to galvanized steel shelves to resist aggressive chemicals (they can be removed for easy cleaning). A separate polyethylene liner for the bottom sump is also included. Even the paint is exclusively formulated to resist the acids, bases and solvents often used in laboratories. 2 door cabinet, 65"H x 43"W x 18"D, 45 gallon capacity. 2 adjustable shelves; lever handle.

Part No. 894502.

BLUE POLYETHYLENE STORAGE CABINETS

For highly corrosive acids, these polyethylene cabinets offer the most resistance to chemical corrosion and leaks. Clearly labelled for ACID contents and accept a padlock (not included) for added security.

1 door countertop cabinet, 19½"H x 14¼"W x 16¼"D, holds (2) 4 litre bottles. Without shelf.

Part No. 24040.

2 door undercounter cabinet, 35"H x 36"W x 23½"D, holds (30) 1 litre bottles. 2 adjustable shelves.

Part No. 24160.

SAFETY CABINET SHELVES FOR STEEL SAFETYCABINETS

Part No. 25924, 13¼"L x 13"D shelf fits 4 gallon cabinets.

Part No. 25935, 19½"L x 14"D shelf fits 12 and 15 gallon compac cabinets.

Part No. 25901, 39¼"L x 14"D shelf fits 17 gallon piggyback, and all two door 30, 40, and 45 gallon cabinets.

Part No. 25909, 30¼"L x 30"D shelf fits all 60 gallon two door cabinets.

Part No. 25935, 19½"L x 14"D shelf fits 22 gallon Slimline cabinet.

ACCESSORIES FOR DRUM CABINETS

Part No. 25920, Replacement drum roller for single 55 gallon vertical drum cabinets, 29½"L x 30"D.

Part No. 25932, Drum ramp for all drum cabinets, 28"L x 24½"D.

16032Y

YELLOW SAFESITE™ FLAMMABLES CHESTS FOR JOBSITES

Safesite™ Chests are the first to offer safe, compliant storage for flammables along with protected storage for corrosive liquids, tools, or valuables. They are ideal for construction, utilities, and maintenance areas where gasoline, other fuels, paint thinners or chemicals are used. Perfect for portable outdoor use. Optional caster package makes these units even more portable.
31-1/8"H x 48"W x 24"D.
Part No. 16032Y, Safety Chest, 15 gallon.
Part No. 16031Y, Combo Safety Chest, 5 gallon, extra locking compartment.
Part No. 16043, Set of 4 casters, 2 locking, 2000 lb. total capacity, 5" diameter x 1½"D.

16031Y shown with optional caster set #16043

CYLINDER LOCKERS FOR COMPRESSED GAS

The "no rust" solution to safely securing LPG and compressed gas cylinders! Cylinder lockers from Justrite offer superior features that make these units extremely durable and easy to use. Constructed of 100% welded aluminum — they will not rust, corrode or discolour. Justrite's expanded .065" thick metal panels are the strongest in the industry — offering additional resistance to tampering. Welded security lug on front panel door accepts a padlock (not included) for extra security. Heavier gauge aluminum mesh and extruded (not bent) frame add rigidity. All models have an exclusive solid aluminum roof panel that slants toward the back to shed water and ice. LPG vertical lockers comply with Canadian Standards Association CSA-B149.2.
Part No. 23010, 8 cylinder vertical style for LPG, holds eight 20 lb. or 33 lb. cylinders, 30"W x 65"H x 32"D.
Part No. 23011, 16 cylinder vertical style for LPG, holds sixteen 20 lb. or 33 lb. cylinders, 60"W x 65"H x 32"D.
Part No. 23006, 10 cylinder vertical style for compressed gas, holds up to 10 compressed gas cylinders, 30"W x 65"H x 32"D.
Part No. 23007, 20 cylinder vertical style for compressed gas, holds up to 20 compressed gas cylinders, 60"W x 65"H x 32"D.

23007

23010

SAFETY CANS

Safety Cans with a unique counterbalance design: On safety cans with capacities over one gallon, Justrite's unique counterbalance design offers a full-fisted grip on a swinging handle for effortless pouring. This ergonomic design leverages the weight of liquid against the opening mechanism — making it the easiest to use can when handling full containers. *Can colours: RED is the most widely used (and OSHA accepted) choice for flammable liquids; YELLOW cans can be used to designate the storage of diesel fuel.*
TYPE I CANS: Easy to fill and easy to use, the economical choice for flammables. Meets OSHA and NFPA Code 30. FM approved. Most are UL and ULC listed.
TYPE II CANS: Offer additional convenience with two openings at the top. One opening is equipped with a flexible metal hose for smooth, accurate pouring into small apertures. These cans also meet OSHA and NFPA, are FM approved and UL/ULC listed.

TYPE I RED SAFETY CANS FOR FLAMMABLES

1 gallon steel safety can, 7¼" dia. x 11½"H.
Part No. 10301.

2 gallon steel safety can, 9½" dia. x 13¼"H.
Part No. 10501.

5 gallon steel safety can, 11½" dia. x 17"H.
Part No. 10801.

TYPE I YELLOW SAFETY CANS FOR FLAMMABLES

5 gallon steel safety can, 11½" dia. x 17"H.
Part No. 10811.

"STAY-ON" FUNNEL WITH FLEXIBLE HINGE

For safe, leak-free pouring into smaller openings, this funnel attaches quickly and provides protection from splashing and spillage. Fits all Type I steel cans, 1 gallon and above. Two position funnel allows you to: •fill can without removing the funnel •save storage space by folding funnel down •reduce splashes with large rounded bowl
Part No. 11202Y.

JUSTRITE

TYPE II RED SAFETY CANS FOR FLAMMABLES

1 gallon steel safety can with 9" hose, 9-3/8" dia. x 6½"H.
Part No. 10327.

2 gallon steel safety can with 9" hose, 9½" dia. x 12-5/8"H.
Part No. 10527.

5 gallon steel safety can with 9" hose, 11½" dia. x 17"H.
Part No. 10821.

UNO™ TYPE II CANS FOR FLAMMABLES — RED, YELLOW, BLUE, & GREEN

The easiest to use safety can with a patented integrated fill-and-pour spout! For safe, smooth, accurate pouring, nothing beats the UNO™ can. UNO's exclusive ergo-progressive design features a Safe-Squeeze® trigger mechanism that releases liquid with precise timing — controlling the liquid flow when you're ready. Rounded handle and trigger are designed for a natural grasp. Lead-free steel construction for long service life. Durable, chemical resistant powder coat paint stands up to rugged use. Quality is backed by a 10 Year Warranty. Built-in safety features include an internal dual-density flame arrestor to dissipate heat and prevent flashback ignition; a leaktight, self closing lid; automatic venting between 3 and 5 psig to guard against pressure build-up at elevated temperatures and potential explosion; and each and every can is 100% tested to guarantee leakproof construction. The flexible metal 5/8" x 9" hose provides a grounding path to prevent static sparks when a grounding wire is used. •RED is the most widely used (and OSHA required) choice for flammable liquids •BLUE cans are frequently used for the storage of kerosene •YELLOW cans can be used to designate the storage of diesel fuel •GREEN cans are often used for the storage of oils

1 gallon UNO™ steel safety can with 9" hose. 9½" dia. x 10-5/8"H.
Part No. 10368, Red.
Part No. 10368Y, Yellow.
Part No. 10368E, Green.

2 gallon UNO™ steel safety can with 9" hose. 9½" dia. x 12½"H.
Part No. 10568, Red.
Part No. 10568Y, Yellow.
Part No. 10568B, Blue.
Part No. 10568E, Green.

3 gallon UNO™ steel safety can with 9" hose. 9½" dia. x 16"H.
Part No. 10768, Red.

5 gallon UNO™ steel safety can with 9" hose. 11½" dia. x 17¼"H.
Part No. 10868, Red.
Part No. 10868Y, Yellow.
Part No. 10868B, Blue.
Part No. 10868E, Green.

UNO™ TYPE II RED TRANSPORT & DISPENSING SAFETY CANS

UNO D.O.T. Safety cans are FM approved and D.O.T. compliant with an integrated fill and pour spout. "Usage Mode": Simply disengage the hold-down bracket when the can is not being used for transportation purposes. The hold-down bracket can be secured firmly to the top of the spout to prevent loss or damage. "Transport Mode": To prevent vapour release and spills during transport, a fusible link protected hold-down bracket is tethered to the spout and equipped with an easy to grasp tightening screw.

1 gallon D.O.T. Type II can with 9" hose, 10¼" dia. x 11-5/8"H.
Part No. 10361.

2½ gallon D.O.T. Type II can with 9" hose, 10¼" dia. x 16½"H.
Part No. 10661.

5 gallon D.O.T. Type II can with 9" hose, 12-5/8" dia. x 18¼"H.
Part No. 10861.

RED LIQUID DISPOSAL CANS

Made of high density polyethylene for superior chemical resistance and leak protection. Large and strategically placed opening offers controlled filling and pouring during disposal. When closed, the cap automatically vents between 3 and 5 psig. A flame arrester guards against outside ignition. FM approved.

2 gallon polyethylene can with plated steel hardware, 12" dia. x 14¾"H.
Part No. 14722.

Safety Containment Systems

JUSTRITE

RED OILY WASTE CANS

Dispose of oil-soaked rags and protect your facility from fires that can start due to: •spontaneous combustion •sparks •careless use of smoking material
Cans are OSHA compliant and all feature galvanized steel body construction with a durable powder paint finish. Foot operated cover leaves hands free — cover snaps shut when pedal is released.

6 gallon oily waste can, 11-7/8" dia. x 15-7/8"H.
Part No. 09100.

10 gallon oily waste can, 13-15/16" dia. x 18¼"H.
Part No. 09300.

14 gallon oily waste can, 16-1/16" dia. x 20¼"H.
Part No. 09500.

21 gallon oily waste can, 18-3/8" dia. x 23-7/16"H.
Part No. 09700.

SMOKERS CEASE-FIRE® CIGARETTE BUTT RECEPTACLES

The safe and attractive answer to cigarette butt disposal to keep your property clean. Safely collects unsightly cigarette butts and reduces the risk of fire. Made of flame-retardant, sturdy polyethylene, this unit won't rust, dent, or crack. Rain bonnet keeps rain out and discourages other trash. Simply unscrew back knob and lift lid to empty big galvanized steel pail inside. Pewter grey. 16½" dia. x 38½"H.
Part No. 26800.

DRUM COVERS

Convert open-top drums into fire safe receptacles. Only a screwdriver and wrench are needed to attach the cover to a drum and it can be removed when the drum needs to be emptied. A replaceable fusible-link assembly inside the cover melts at 165°F to automatically slam the cover shut to extinguish the flame if there is a fire in the drum. Fits 55 gallon drums.
Part No. 26750.

PLUNGER CANS

Dispense flammable liquids and solvents safely, without waste or exposure. Steel dasher assembly and brass plunger assembly. 5" dasher diameter.
Part No. 10108, 1 quart, 7¼" dia. x 6½"H.
Part No. 10308, 1 gallon, 7¼" dia. x 11"H.

BENCH CANS

Provides an easy means of cleaning small parts in solvent. Simply place work on spring-loaded, perforated dasher plate, press down and agitate, then release to return dasher to drain position.
Part No. 10175, 1 quart steel bench can, 4-7/8" dia. x 5½"H.
Part No. 10375, 1 gallon steel bench can, 9-3/8" dia. x 4½"H.

CEASE-FIRE® WASTE RECEPTACLES FOR GENERAL USE

The safe answer to waste paper and other solvent-free combustibles accumulation. Specially contoured to direct smoke and gas from any fire inside the container, back into the combustion area, cutting off the air supply and extinguishing flames in seconds. Cease-Fire® receptacles provide around-the-clock protection against trash fires and are suitable for use in plants, hospitals, schools, offices, and stores. Choose from either brushed aluminum or heavy duty red painted steel heads. Both carry a UL listing and FM approval. Aluminum heads are virtually corrosion-free, providing easy clean-up and long lasting good looks. Steel heads are finished in a durable, red powder coat paint finish; recommended for applications where potentially abusive conditions make aluminum heads impractical. Cease-Fire® drum bodies are heavy gauge grey steel with a rust preventative interior coating. Both aluminum and steel heads are available separately for use with existing metal drums.

Cease-Fire® with aluminum head:
Part No. 26615G, 15 gallon drum with aluminum head, 5¼" opening dia., 15-1/8" dia. x 25¾"H.
Part No. 26630G, 30 gallon drum with aluminum head, 7" opening dia., 19-7/8" dia. x 29¾"H.
Part No. 26655G, 55 gallon drum with aluminum head, 7-7/8" opening dia., 24" dia. x 35½"H.

Cease-Fire® heavy duty units with painted red steel head:
Part No. 26415, 15 gallon drum with red painted steel head, 5¼" opening dia., 14½" dia. x 25¾"H.
Part No. 26430, 30 gallon drum with red painted steel head, 7" opening dia., 19¼" dia. x 29¾"H.
Part No. 26455, 55 gallon drum with red painted steel head, 7-7/8" opening dia., 23¾" dia. x 35½"H.

Cease-Fire® replacement heads only:
Part No. 26512, Aluminum head for use with 12 and 15 gallon drums, 5¼" opening dia., 15-1/8" dia.
Part No. 26530, Aluminum head for use with 30 gallon drums, 7" opening dia., 19-7/8" dia.
Part No. 26555, Aluminum head for use with 55 gallon drums, 7-7/8" opening dia., 24" dia.
Part No. 26312, Red painted steel head for use with 12 and 15 gallon drums, 5¼" opening dia., 15-1/8" dia.
Part No. 26330, Red painted steel head for use with 30 gallon drums, 7" opening dia., 19-7/8" dia.
Part No. 26355, Red painted steel head for use with 55 gallon drums, 7-7/8" opening dia., 24" dia.

JUSTRITE

GATOR® CONTAINMENT SYSTEMS FOR SPILL CONTROL

The GATOR® Advantage. Overall, a better quality product designed to give customers more... more protection, more security, and more convenience. Justrite's Gator line offers the ultimate protection against leaks and spills. "Gator-Tuff" polyethylene products offer secondary containment to catch hazardous spills before they become a problem! Spilled liquids are captured to help prevent contaminating factory floors, drains and outside groundwater. Gator helps you to not only protect the environment... but save money in the process by: •Reclaiming captured spills for reuse •Avoiding high costs associated with hazardous material clean-up •Preventing slip and fall injuries to safeguard employees and avoid worker's compensation claims •Avoiding fines from non-compliance with EPA and UFC regulations
Gator also helps to organize your drum storage, segregate liquids for easy identification, and makes drum handling safer and easier.

GATOR® SPILL CONTROL PALLETS

These pallets are molded of Gator-Tuff, UV protected polyethylene making them nearly impervious to chemical attack from hazardous acids, caustics and solvents, and they resist deterioration in rough environments. They are the ideal platforms for 30 and 55 gallon drums or other containers stored indoors. Seamless construction eliminates leaks even if a 55 gallon drum fails and completely dumps its contents.

2 drum pallet, inline, 66 gallon sump capacity, 2500 lbs. load bearing capacity. 49"W x 25"D x 15½"H. No drain.
Part No. 28234.

4 drum pallet, inline, 75 gallon sump capacity, 5000 lbs. load bearing capacity. 97"W x 25"D x 9"H. No drain.
Part No. 28704.

4 drum pallet, square, 72 gallon sump capacity, 5000 lbs. load bearing capacity. 49"W x 49"D x 10¼"H. No drain.
Part No. 28254.

Ramp for #28254. 1000 lbs. load bearing capacity, 49"W x 33"D x 10½"H.
Part No. 28921.

#28254 shown with
#28921

GATOR

GATOR® ACCUMULATION CENTRES

Customize and protect workstations. These low profile accumulation centres are the economical solution to spill concerns during drum filling and dispensing operations. They are ideal for chemical or battery storage needs. "Gator-Tuff" seamless construction in 100% polyethylene eliminates leaks and is nearly impervious to chemicals including acids and corrosives. Sturdy, self-locating grates eliminate the chance of ride-up and they remove for easy cleaning. Expand your storage area with "joining clips" to firmly lock units together. Sump-to-sump drain kit allows you to join centres together, on-site, for full compliance with EPA and UFC regulations when combined sump capacities meet 66 gallons.

2 drum unit, 22 gallon sump capacity,
2400 lbs. load bearing capacity. 49"W x 25"D x 5½"H.
Part No. 28922.

4 drum unit, 43 gallon sump capacity,
6000 lbs. load bearing capacity. 49"W x 49"D x 5½"H.
Part No. 28923.

6 drum unit, 64 gallon sump capacity,
7000 lbs. load bearing capacity. 73"W x 49"D x 5½"H.
Part No. 28924.

8 drum unit, 85 gallon sump capacity,
8000 lbs. load bearing capacity. 97"W x 49"D x 5½"H.
Part No. AK28905.

Ramp for above. 1000 lbs. load bearing capacity.
48"W x 33"D x 6¼"H.
Part No. AK28906.

Joining clips, one pair, stainless steel. 4" x 2".
Part No. 28926.

Sump-to-Sump™ Drain Kit. One pair stainless steel joining clips, one pair rubber grommets, one Teflon transfer tube.
Part No. 28927.

Shown in this configuration:
(3) #28922 Drum Units
(1) #AK28906 Ramp
(2) #28927 Drain Kits

GATOR® SPILL CONTAINMENT CADDY

The single solution for drum handling safety, mobile dispensing capability, and built-in spill containment! Offers a convenient handling and dispensing solution of hazardous chemicals with complete assurance of compliance with EPA and OSHA regulations. The ideal choice for managing either 30 or 55 gallon drums; nylon strap holds drum securely in place. Indoor caddy, with 66 gallon sump capacity and 600 lbs. load bearing capacity. 32"W x 72¼"D x 27"H.
Part No. AK28901.

GATOR® DRUM MANAGEMENT SYSTEM

Modules combine efficient drum storage, positive spill control, and safe liquid dispensing. Meets safety and environmental protection requirements while organizing drum storage for maximum efficiency, productivity, and cost savings. The design accommodates either 30 or 55 gallon drums of Class 1B or 1C flammables and combustibles.

Base module, 66 gallon sump capacity, 3000 lbs. load bearing capacity. 49"W x 59"D x 26"H.
Part No. AK28902.

Stack module, 1500 lbs. load bearing capacity. 49"W x 46"D x 12"H.
Part No. AK28903.

Dispensing shelf, 60 lbs. load bearing capacity. 19½"W x 18¾"D x 16½"H.
Part No. AK28904.

Safety Containment Systems

JUSTRITE

GATOR® SPILL CONTROL FUNNELS

Large diameter funnels provide a simple cost effective way to collect liquids and keep drum tops clean. These funnels fit all closed head 30 and 55 gallon drums. Low profile, wide diameter opening offers large "target" for quick, easy pouring.

Funnel for non-flammables, 2½ gallon sump capacity, 21" diameter x 3¼"H.
Part No. 28210.

Funnel for flammables, 2½ gallon sump capacity, 21" diameter x 3¼"H.
Part No. 28211.

Cover for funnel #28210.
Part No. 28215.

GATOR® SINGLE & DOUBLE DRUM COLLECTION CENTRES

Provide safe, effective and economical spill control for 55 gallon drums. Rugged drum collection centres are made of all-weather chemical resistant Gator-Tuff polyethylene which stands up to the harshest environments. All are designed to be forkliftable for easy relocation.

Double drum collection centre, 180 gallons sump capacity, 60"W x 39"D x 47"H.
Part No. 28250.

Single drum collection centre, 55 gallons sump capacity, 33" top dia. x 31¾"H.
Part No. 28268.

Steel drum dolly, fits #28268.
Part No. 28270.

GATOR® OVERPACK SALVAGE DRUM

Ideal for overpacking damaged drums for transport. 95 gallon overpack salvage drum is the safe and economical solution to the transportation and temporary storage of damaged or leaking drums of hazardous materials. Withstands the rigours of land, air, and sea transportation. 31" outside diameter x 43¼"H. D.O.T. and UN compliance.
Part No. 28201.

DRUM FAUCET

For maximum draining of a horizontally stored drum. This is the simple solution for nearly complete drainage of liquids out of 30 and 55 gallon drums. Eliminates the need for dangerous drum tipping or rolling. Unique siphon action empties residual solvents from a typical two to three gallons down to the last few ounces. Solid cast brass.
Part No. 08311.

DRUM CRADLE

Allows for easy moving and secure setup of drums weighing up to 800 lbs. Loading bar grips drum chime and permits smooth shifting of drum into horizontal position.
Part No. 08800.

SAFETY FILL VENT/FUNNEL

Facilitates waste solvent disposal, while offering protection. Built of cast brass and high density polyethylene with a 6" flame arrester, they will fit a 2" bung opening. Features include automatic pressure and vacuum relief and cap with safety chain to prevent misplacement of cap. Funnel has full 9" diameter to eliminate spills.
Part No. 08211.

SAFETY DRUM FUNNEL

Easy pouring during liquid waste collection. Wide mouth opening with hinged, stay-open lid. Built-in 6" flame arrester to prevent fire intrusion; galvanized steel with durable epoxy powder coat finish. Self-closing lid in case of fire. (For use with flammables.) Funnel dia. 10¾" x 10"H.
Part No. 08207.

JUSTRITE

08500

08501

08507

ANTI-STATIC WIRES

Reduce fire risks from static electricity. Anti-static wires prevent sparks from static electricity generated by movement and flow of flammable liquids. Bonding between containers during liquid transfer, and connecting drums to an earth ground are required under Federal and Local Codes. Standard wire lengths are 3 ft.; for longer reach use several wires with ¼" terminal ends.

Part No. 08500, 3 ft. length flexible static wire, with dual alligator clips (5/8" jaws).

Part No. 08501, 3 ft. length flexible static wire, with "C" clamp (5/8") x alligator clip (5/8" jaw).

Part No. 08507, 3 ft. length insulated flexible static wire, with "C" clamp (5/8") x pipe clamp (2¾" jaw).

flexible wire (top) and insulated wire

23305

DOCUMENT STORAGE BOXES

Keep important manuals and papers secure and readily available to users while protecting them from moisture and dirt with a Document Storage Box. •Weather resistant, no metal parts to corrode •High density polyethylene is durable, rustproof and easy-to-clean •Designated area to add your own labels or optional label pack available •Mounts on cabinets, machinery, equipment or walls for fast, easy access to information at point-of-use •Also handy for portable document storage •High visibility red colour •Includes heavy duty tape for drill-free mounting •Lock holes on medium and large units accept padlock or zip ties

PART NO.	DESCRIPTION	INTERIOR DIMENSIONS HxWxD	GASKETED CLOSURE	LOCK HOLE DIA.
23303	Medium Top Opening	11-1/2" x 8-3/4" x 1-5/8"	No	1/4"
23304	Medium Front Opening	12-1/4" x 8-5/8" x 1"	Yes	3/8"
23305	Tube Twist on Lid	12" H x 3" Dia.	Yes	N/A
23306	Large Front Opening	13-1/4" x 10-3/4" x2-1/4"	Yes	3/8"
23310	Label Pack (4 yellow labels: 2 blank and 2 printed - MSDS and Instruction Manual			

23303

23304

23306

Part No. MP-20, 20 litre metal pail. 26 gauge with rust inhibitor lining; grey. The bottom is double seamed to the body using non-hardening seaming compound. The body is tapered to facilitate nesting and stacking. Side seam is welded and top body corrugations enhance structural integrity. Bail handle with plastic grip.

Part No. ML, Metal lid for 20 litre pails. Contains a gasket and has 16 lugs for easy crimping. Grey. No flex spout.

Part No. MLS, Same as #ML except with flex spout.

Garbage Cans, Pails, Cans, & Funnels

A full line of cans manufactured from pre-galvanized steel resulting in a smooth bright rust-proof finish. Cans are uniform thickness throughout, have no rough spots or barbs. All handles are rivetted in place for maximum strength. Covers are of 1 piece construction for durability.

STANDARD GARBAGE CAN WITH PLAIN COVERS

30 gauge steel garbage can. With side handle except (*) = bail handle. Dimension shown is top diameter x height.
Part No. 12013*, 9 gallon/41 litre capacity, 15" x 16".
Part No. 12303, 9 gallon/41 litre capacity, 15" x 16".
Part No. 12033, 14 gallon/63 litre capacity, 17" x 20½".
Part No. 12043, 15 gallon/68 litre capacity, 17" x 22½".
Part No. 12053, 16½ gallon/75 litre capacity, 17" x 24½".
Part No. 12063, 20 gallon/91 litre capacity, 17" x 28½".

STANDARD GARBAGE CAN WITH SPRING LOCK COVERS

30 gauge steel garbage can. Dimension shown is top diameter x height.
Part No. 11013, 15 gallon/68 litre capacity, 17" x 22".
Part No. 11023, 16½ gallon/75 litre capacity, 17" x 24½".
Part No. 11033, 20 gallon/91 litre capacity, 17" x 28½".

HEAVY DUTY GARBAGE CAN WITH PLAIN COVERS

28 gauge steel garbage can. Dimension shown is top diameter x height.
Part No. 12093, 24 gallon/109 litre capacity, 18½" x 28".
Part No. 12103, 28 gallon/127 litre capacity, 18½" x 29".

HEAVY DUTY EXTRA REINFORCED GARBAGE CAN WITH PLAIN COVER

26 gauge steel garbage can. Has 11 gauge steel reinforcing bands at top and bottom for extra durability. Dimension shown is top diameter x height.
Part No. 12113, 28 gallon/127 litre capacity, 18½" x 29½".

YARD-GARD® PRE-GALVANIZED STEEL GARBAGE CANS WITH SELF-LOCKING COVERS

30 gauge steel garbage can. Dimension shown is top diameter x height.
Part No. 12153, 20 gallon/91 litre capacity, 17" x 29".
Part No. 12143, 16½ gallon/75 litre capacity, 17" x 25".
Part No. 12123, 14 gallon/63 litre capacity, 17" x 21".

YARD-GARD® PRE-GALVANIZED STEEL UTILITY PAILS WITH 3/16" WIRE HANDLE

31 gauge steel pail. Pails are made water-tight with a special sealant. Heavy galvanized reinforcing wire is rolled completely around the top. Pail has no ears. Handle is attached to top reinforcing wire. Dimension shown is top diameter x height.
Part No. 20323, 8 quart/9 litre capacity, 10.62" x 8½".
Part No. 20343, 10½ quart/12 litre capacity, 11.38" x 9.13".
Part No. 20363, 13 quart/15 litre capacity, 11.75" x 11".

STANDARD GALVANIZED PAILS WITH WIRE HANDLE

31 gauge standard steel pail. Attractively swedged, sturdy pail, fully nestable. Excellent general purpose pail. Dimension shown is top diameter x height.
Part No. 20063, 8 quart/9 litre capacity, 10.62" x 8½".
Part No. 20053, 10½ quart/12 litre capacity, 11.38" x 9¾".
Part No. 20043, 13 quart/15 litre capacity, 11¾" x 11".

HEAVY DUTY GALVANIZED STEEL PAIL — "GREEN LINE" SERIES

30 gauge heavy duty steel pail. Green Line features heavier gauge steel, larger capacity deeply formed bottoms, heavier top and bail wire. Green trim with matching wooden bail handle. Dimension shown is top diameter x height.
Part No. 20013, 14 quart/16 litre capacity, 12¾" x 11".

HEAVY DUTY GALVANIZED STEEL PAIL — "MULE" SERIES

28 gauge heavy duty steel pail. Mule features heavier gauge steel, extra wide flare for stock feeding. Dimension shown is top diameter x height.
Part No. 30013, 15 quart/17 litre capacity, 14.8" x 9.62".

HEAVY DUTY GALVANIZED STEEL PAIL — "CONTRACTOR" SERIES

26 gauge heavy duty steel pail. Contractor features wire bail, ears that do not project, and a domed bottom. Dimension shown is top diameter x height.
Part No. 30023, 15 quart/17 litre capacity, 11¾" x 9.13".

HEAVY DUTY GALVANIZED STEEL PAIL — "HEAVY DUTY CONTRACTOR" SERIES

26 gauge heavy duty steel pail. Heavy Duty Contractor features a steel band under top wire to form super strong ears, and domed bottom. Designed for cement work. Dimension shown is top diameter x height.
Part No. 30043, 13 quart/15 litre capacity, 11¾" x 11.13".

"WRING EASY" GALVANIZED MOP PAILS

Used with the common yacht mop makes a very efficient mopping unit. By placing mop in cone, pressing down and turning, water is wrung out. Dimension shown is top width x height.
Part No. 20133, 4 gallon/18 litre capacity, 13½" x 13".
Part No. 20143, 2 gallon/9 litre capacity, 10¼" x 10½".

"PULL-THROUGH" GALVANIZED MOP PAILS

Manufactured from heavy 28 gauge galvanized steel. All seams are hand soldered for durability. Hardwood rollers. Dimension shown is top width x height.
Part No. 20203, 10½ quart/12 litre capacity, 10.38" x 9¾".

STEEL FIRE PAIL

31 gauge steel fire pail. Painted red and stencilled "For Fire Only". Canadian Coast Guard regulations require all boats over 12 metres to have fire pails on board. These feature a domed bottom to prevent the pail being used for other purposes. 10½ quart/12 litre capacity.
Part No. 21563.

STAINLESS STEEL DAIRY PAIL

Manufactured from Type 304-2B stainless steel. Smooth finish is easily cleaned. Hand soldered seams. 13 quart/15 litre capacity.
Part No. 30252.

TRACTOR PAIL

A funnel and pail all-in-one. 40 mesh brass screen in spout stops water. 10½ quart/12 litre capacity.
Part No. 30053.

SANITARY CLOSET PAIL

Steel replacement sanitary closet pail. 5 gallon/23 litre capacity.
Part No. 16062.

SQUARE WASH TUBS

28 gauge pre-galvanized steel. Offers a smooth, bright rust-proof finish. Tubs are uniform thickness throughout, have no rough spots or barbs. Hand soldered for water-tightness. Two sizes to choose from.
Part No. 11713, 10 gallon/45 litre capacity. 18½" x 16½" 11".
Part No. 11723, 12½ gallon/56 litre capacity. 20½" x 18½" x 11".

ROUND WASH TUB

28 gauge pre-galvanized steel. Offers a smooth, bright rust-proof finish. Tubs are uniform thickness throughout, have no rough spots or barbs. Hand soldered for water-tightness. 15 gallon/68 litre capacity. 25" x 20½" x 11".
Part No. 11833.

WATERING CAN

30 gauge galvanized watering can with a heavier zinc coating for greater durability. Handles are folded and formed for easy carrying. Sold complete with even flow plastic rosette. 7 quart/8 litre capacity.
Part No. 40093.

HEAVY DUTY UTILITY CANS

Manufactured from pre-galvanized steel, utility cans are ideal for use with water, antifreeze solutions and non-solvent based cleansers and chemicals.
Part No. 15013, 1 gallon/4.5 litre capacity.
Part No. 15083, 2 gallon/9 litre capacity.
Part No. 15093, 5 gallon/22.7 litre capacity.

GALVANIZED TRACTOR FUNNELS

30 gauge steel, built to last. Includes 40 mesh brass screen in spout to stop water. Two sizes to choose from.
Part No. 14083, 9" tractor funnel, 4½ quart/5 litre capacity.
Part No. 14093, 11" tractor funnel, 6 quart/6.8 litre capacity.

GWM GREAT-WEST METAL EST. 1939

MEASURERS
by Cluthé®, Dynaline, Dutton-Lainson, Plews

CLUTHÉ PLASTIC MEASURING CONTAINERS
Ideal for mixing oil, gas, powders, chemicals. Polypropylene construction.
Part No. 34020, 2.5 L capacity, 8"H x 5¾"W.
Part No. 34040, 4.5 L capacity, 10½"H x 7¾"W.
Part No. 34046, 4.5 L capacity, c/w removable anti-splash spout, 10¼"H x 7¾"W, with 4¾" spout.

DYNALINE PLASTIC MEASURING CONTAINERS
Flexible, durable, spark-proof, dent-proof, rust-proof polyethylene.
Part No. 14025, 2.5 L capacity, 8"H x 6"W.
Part No. 14045, 4.5 L capacity, c/w removable anti-splash spout, 10¼"H x 7¾"W.

DYNALINE METAL MEASURING CONTAINERS
Easy grip handle. Galvanized finish; complete with flexspout.
Part No. 14120, 2 quart capacity.
Part No. 14140, 4 quart capacity.

DYNALINE RATIO MASTER™
A revolutionary patented mixing cup for accurately measuring and mixing pre-determined ratios. For all 2-cycle engine applications.
Part No. 14027.

DUTTON-LAINSON GALVANIZED MEASURING CONTAINER
2 quart capacity measurer with 12" flexible funnel spout.
Part No. 355.

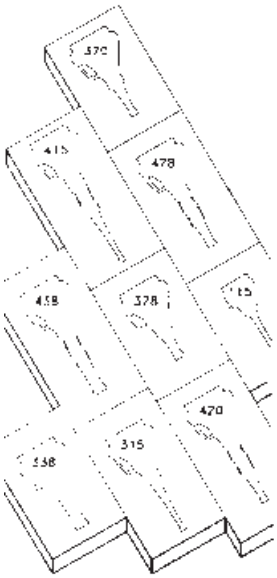
PLEWS GALVANIZED MEASURING CONTAINERS
With flexible spout.
Part No. 75-441, 1 quart.
Part No. 75-442, 2 quart.
Part No. 75-444, 4 quart.

CLEAN FUNNEL™
Capped Funnels

Using a CLEAN FUNNEL means protecting your valuable equipment from damage caused by dirt and grime. Caps prevent the funnel from collecting potentially harmful contaminates. Caps keep your funnel clean. Replace the caps after each use, no need to wipe with a rag before using. Prevents left over fluid from dripping out. The caps are standard household sizes. If lost, they can be easily replaced from containers found in the home. Each funnel comes complete with two caps (one for each end of funnel).

PART NO.	COLOUR	SIZE	OVERALL LENGTH	SPOUT O.D.
112*	Turquoise	1 pint	6"	3/8"
115	Orange	1 pint	9½"	9/16"
315	Light Blue	1¼ qt.	13½"	9/16"
320	Dark Blue	1¼ qt.	10½"	3/4"
328	Turquoise	1¼ qt.	9½"	1-1/8"
338	Black	1-1/3 qt.	10½"	1-3/8"
415	Bright Red	1½ qt.	17"	9/16" flexible
420	Yellow	1½ qt.	14¼"	3/4" flexible
428	Green	1½ qt.	13¾"	1-1/8" flexible
438	Dark Red	1-2/3 qt.	14¼"	1-3/8" flexible

*Unit comes with 12" vinyl hose.



FUNNELS
by Cluthé®, Dynaline, Dutton-Lainson, Plews

Cluthé® funnels are ideal for oils, acids, adhesives, etc. Made of flexible, durable polyethylene. Spark proof, dent proof, leak proof, chemical resistant, eliminates splashing and tipping, hang up tabs and easily cleaned.

CLUTHÉ MULTI-PURPOSE FUNNELS
Variety of sizes.
Part No. 35020, 2", 2 oz. (57 ml).
Part No. 30030, 3", 6 oz. (170.5 ml) w/ filter.
Part No. 35040, 4", 8 oz. (227 ml).
Part No. 35050, 5", 14 oz. (398 ml).
Part No. 30050, 5", 23 oz. (681 ml) w/ filter.
Part No. 35070, 7", 28 oz. (795 ml).

CLUTHÉ AUTOMOTIVE FUNNELS
8" automotive funnel w/ 100 mesh filter, 120 oz. (3.4 litre).
Part No. 30080.

CLUTHÉ ANTI-SPLASH INDUSTRIAL FUNNELS
Anti-splash funnel w/ 100 mesh filter.
Part No. 30150, 5¾", 24 oz. (681 ml).
Part No. 30190, 9", 144 oz. (4.09 litre).

CLUTHÉ INDUSTRIAL FUNNEL
9" industrial funnel w/ 100 mesh filter. 144 oz. (4.09 litre).
Part No. 30090.

CLUTHÉ OFFSET FUNNEL
2-3/8" x 5-7/8".
Part No. 30260.

CLUTHÉ PRESERVE FUNNEL
Part No. 35200, 3½", 113 ml.
Part No. 35550, 6½", 625 ml.

CLUTHÉ SAFETY FUNNEL
4-7/16" safety funnel with fill level indicator. Floating indicator signals when tank is full. 500 ml.
Part No. 32037.

CLUTHÉ CLIP-ON SPOUT
Clip-on spout for quart and gallon containers. Helps protect against spills and drips into engine compartment or work area. One side clips onto neck of plastic gallon container.
Part No. 33160-A.

CLUTHÉ REPLACEMENT FILTER
Pack of 2, 100 mesh filter for #30030, 30050, 30150, 30190, 30080, 30090.
Part No. 30000X, Pack of 2.

DYNALINE MULTI-PURPOSE FUNNELS
Flexible, durable, spark-proof, dent-proof, rust-proof polyethylene. Handy hang-up tab.
Part No. 13504, 4", 8 oz.
Part No. 13505, 5", 14 oz.
Part No. 13506, 6", 32 oz.
Part No. 13508, 8", 120 oz.
Part No. 13510, 10", 160 oz.

DYNALINE AUTOMOTIVE FUNNELS
Automotive funnels feature a wider opening for automotive applications. Heavy duty plastic construction. Handy hang-up tab. With 100 mesh filter. 8", 120 oz.
Part No. 13008.

DYNALINE TRANSMISSION FUNNELS
With detachable flex spouts. Metal or plastic.
Part No. 14014, 5½" metal transmission funnel and 14" spout w/ 100 mesh filter.
Part No. 14017, 5¾" plastic transmission funnel and 16" spout.
Part No. 14015, 6½" plastic 2-in-1 transmission funnel and 10½" spout w/ 100 mesh filter.

DYNALINE PLASTIC SUPER FUNNEL
Designed for hard-to-reach places. Mouth diameter is 4½", overall length is 18". Blue in colour.
Part No. 14018.

DYNALINE TIN FUNNELS
In a variety of sizes. Made of lightweight tin coated steel.
Part No. 13550, 3½", 5 oz.
Part No. 13551, 4½", 10 oz.
Part No. 13552, 5¾", 24 oz.
Part No. 13553, 6½", 32 oz.
Part No. 13554, 8", 56 oz.

DYNALINE METAL OFFSET FUNNELS
Painted finish. With or without extension. 7", 2 litre.
Part No. 14007.
Part No. 14008, With 17" flex extension.

DYNALINE HEAVY DUTY TRACTOR FUNNEL
1" O.D. tip with screen. Galvanized finish. 9½" diameter, 12" height, 8 litre.
Part No. 13811.

DYNALINE INDUSTRIAL ANTI-SPLASH FUNNELS
Flexible, durable, spark-proof, dent-proof, rust-proof polyethylene. Handy hang-up tab. With 100 mesh filter.
Part No. 13015, 5", 24 oz.
Part No. 13019, 9", 144 oz.

DYNALINE INDUSTRIAL FUNNELS
Flexible, durable, spark-proof, dent-proof, rust-proof polyethylene. Handy hang-up tab. With 100 mesh filter.
Part No. 13003, 3", 6 oz.
Part No. 13005, 5", 24 oz.
Part No. 13009, 9", 144 oz.

FUNNELS
by Cluthé®, Dynaline, Dutton-Lainson, Plews

DUTTON-LAINSON UTILITY FUNNEL
1 quart capacity galvanized utility funnel. 5½" diameter with screen and 1" spout.
Part No. 336.

DUTTON-LAINSON GALVANIZED FUNNEL
8 quart capacity galvanized funnel, 10¼" diameter with screen and 1¼" spout.
Part No. 332.

DUTTON-LAINSON GALVANIZED TRANSMISSION FUNNEL
6" diameter galvanized metal transmission funnel with screen and 12¾" flexible metal hose.
Part No. 321.

PLEWS GALVANIZED STEEL UTILITY FUNNELS
Part No. 75-001, 1 quart, 7" diameter.
Part No. 75-003, 2 quart, 8" diameter, banded top.

PLEWS GALVANIZED STEEL OFFSET FUNNEL
6 quart, with screen, 9" diameter.
Part No. 75-002.

PLEWS GALVANIZED STEEL TRACTOR FUNNELS
8 quart tractor funnel, regular or lock-on.
Part No. 75-004, Regular, w/ screen, 9½" diameter.
Part No. 75-008, Lock-on w/ screen and tabs, 10" diameter.

PLEWS UTILITY TIN FUNNELS
Part No. 75-009, 10 oz., 4½" diameter.
Part No. 75-010, 24 oz., 5¾" diameter.
Part No. 75-011, 32 oz., 6½" diameter.
Part No. 75-012, 56 oz., 8" diameter.

PLEWS FUNNEL FILLERS
1 quart utility funnel filler w/ screen, 5¾" diameter, galvanized steel, 12" flexible extension w/ tapered tip.
Part No. 75-007.

PLEWS OFFSET FUNNEL FILLERS
2 quart offset funnel filler w/ screen, 7" diameter, epoxy finished steel.
Part No. 75-005, 4" rigid tip.
Part No. 75-006, 17" flexible extension w/ tapered tip.

PLEWS PLASTIC UTILITY FUNNELS
Part No. 75-060, 8 oz., 4½" diameter.
Part No. 75-062, 16 oz., 6" diameter.
Part No. 75-064, 48 oz., 8" diameter.

PLEWS PLASTIC FUNNELS w/ SCREEN
Part No. 75-070, 2 quart, 7" diameter.
Part No. 75-072, 6 quart, 9" diameter.

PLEWS EASY POUR PLASTIC FLEX SPOUT
With stopper cap. Two thread sizes to fit most containers. Screws onto motor oil, antifreeze, windshield washer fluid, and similar plastic containers.
Part No. 60-200.

PLEWS SUPER FUNNEL
All purpose plastic utility funnel w/ extra long neck for hard-to-reach spots. 5" diameter.
Part No. 75-068.

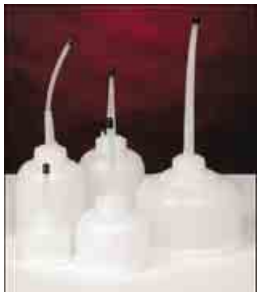
PLEWS TWO-PIECE PLASTIC FUNNEL
Two-piece plastic funnel and flexible screw-on spout. 12" detachable, flexible spout. Includes an easy grip handle. 6" diameter.
Part No. 75-074.

PLEWS UTILITY FUNNEL FILLER
½ pint plastic utility funnel filler w/ 13" flexible neoprene hose. 4½" diameter.
Part No. 75-101.

4 LITRE FLEXSPOUT
Fits 4 litre containers for easy-pour flexibility and convenience.
Part No. FS-4.

CLUTHÉ MULTI-PURPOSE OILERS

Ideal for oils, acids, adhesives, etc. Made of flexible, durable polyethylene. Spark-proof, dent-proof, leak-proof, chemical resistant, eleminates splashing and tipping, hang up tabs and easily cleaned.
Part No. 30300, With 3" spout, 6 oz. (170.5 ml) capacity.
Part No. 30310, With 3" spout, 10 oz. (284 ml) capacity.
Part No. 30320, With 6" spout, 16 oz. (454 ml) capacity.



DYNALINE INDUSTRIAL PUMP OILERS

Seamless steel body with brass pump mechanism. Supplied with flexible and rigid metal spout. Durable enamel painted finish.
Part No. 13604, 4.4 oz.
Part No. 13607, 7 oz.
Part No. 13610, 10.6 oz.
Part No. 13617, 17 oz.
Part No. 13624, 24 oz.

DUTTON-LAINSON GOLDEN ROD EXTRA HEAVY DUTY PUMP OILERS

The 120 series extra heavy duty pump oilers provide standards of construction, quality and operating features unmatched by any other hand oiler. Precision machined replaceable parts throughout, wrought iron straight spouts and screw cap filler opening.

PART NO.	CAPACITY	SPOUT TYPE	REPLACEMENT SPOUT NO.	SPOUT LENGTH
120-A	32 oz.	no spout	-	-
120-A1	32 oz.	straight	301012	11"
120-A2	32 oz.	angle	301015	11"
120-A3	32 oz.	flexible	301026	15"
120-B	24 oz.	no spout	-	-
120-B1	24 oz.	straight	301013	9½"
120-B2	24 oz.	angle	301016	9½"
120-B3	24 oz.	flexible	301025	12"
120-C	16 oz.	no spout	-	-
120-C1	16 oz.	straight	301014	7½"
120-C2	16 oz.	angle	301017	7½"
120-C3	16 oz.	flexible	301024	10"

120-A3 120-B1 120-C1 120-C2

GOLDEN ROD INDUSTRIAL PUMP OILERS

Industrial pump oilers are very durable — constructed for hard service. Drawn steel containers have double seamed bases, spouts are removable from top cap. These units feature zinc die cast high pressure pump with precision ground piston exclusive with Golden Rod oilers.

PART NO.	CAPACITY	SPOUT TYPE	REPACEMENT SPOUT NO.	SPOUT LENGTH
700	12 oz.	straight	301167	8"
707	12 oz.	flexible	301164	8"
720	12 oz.	angle	301162	8"
725	16 oz.	straight	301167	8"
727	16 oz.	flexible	301164	8"
730	16 oz.	angle	301162	8"
735	32 oz.	straight	301167	8"
737	32 oz.	flexible	301164	8"
740	32 oz.	angle	301162	8"

700 727 740

GOLDEN ROD PISTOL PUMP OILERS

These 600 series oilers have a strong point-of-purchase appeal with their plastic or powder coated steel bodies. All steel bodied containers feature wide bases for added stability.

PART NO.	CAPACITY	SPOUT TYPE	SPOUT LENGTH	BODY MATERIAL
600	6 oz.	straight	5"	steel
600S	5 oz.	straight	5"	plastic
606	6 oz.	flexible	6"	steel
606S	5 oz.	flexible	6"	plastic
610	6 oz.	straight	4"	plastic
625	10 oz.	straight	5"	steel
626	10 oz.	flexible	6"	steel
630	20 oz.	straight	6"	steel
636	20 oz.	flexible	6"	steel

600 606S 610 626

GOLDEN ROD SPRAY TIP OILERS

These unique spray tip oilers feature precision machined metal spray tips that adjust from a fine mist to a thin stream. For use with low viscosity fluids including cleaners, kerosene, light lubricants, solvents, and penetrating oils. These units are made from drawn steel construction with double seamed bases. **NOTE**: Not for use with water based fluids.

PART NO.	CAPACITY	SPOUT TYPE	SPOUT LENGTH
601	6 oz.	straight	5"
624	10 oz.	straight	5"
631	20 oz.	straight	6"

601 631

OILERS
by Cluthé®, Dynaline, Dutton-Lainson

GOLDEN ROD SPRING BOTTOM OILERS

These oilers are expertly made from quality materials. Spring steel bottoms are double seamed. Filler openings are roll threaded for leakproof body-to-spout connection. Straight spout seams are copper brazed.

PART NO.	CAPACITY	SPOUT TYPE	SPOUT LENGTH
505	6 oz.	tapered	4½"
506	6 oz.	flexible	7"
507	12 oz.	flexible	7"
510	12 oz.	tapered	4½"

MISCELLANEOUS CONTAINER PRODUCTS
by Cluthé®, Dynaline, Plews, Thexton

CLUTHÉ PLASTIC SCOOPS

Ideal for measuring dry materials. Made of flexible, durable polyethylene. Spark-proof, dent-proof, leak-proof, chemical resistant, easily cleaned, secure grip, and heat resistant handle.
Part No. 33100, 8 oz. (0.3 litre) capacity.
Part No. 33110, 52 oz. (1.5 litre) capacity.
Part No. 33140, 104 oz. (3.0 litre) capacity.

DYNALINE BATTERY FILLER

Automatic shut-off system. 2 litre capacity.
Part No. 14024.

PLEWS RADIATOR FILLER

2½ gallon polyethylene plastic radiator filler. Impervious to oil, gasoline, and antifreeze.
Part No. 75-029.

PLEWS PROFESSIONAL BATTERY FILLER

2 quart polyethylene plastic professional battery filler. Shuts off automatically when battery cell is at the proper level. Features double action fast flow valve tip that prevents after-drip.
Part No. 75-030.

PLEWS BATTERY FILLER w/ FLEX SPOUT

6 oz. battery filler w/ 6" flex spout. Ideal for all fluids including battery acid. Rubber bulb remains pliable in cold weather.
Part No. 75-033.

PLEWS GALVANIZED STEEL RADIATOR DRAIN PAN

6 gallon capacity galvanized steel radiator drain pan. 19" diameter x 6" high.
Part No. 75-750.

PLEWS GALVANIZED STEEL UTILITY DRAIN PAN

3½ gallon capacity seamless galvanized steel utility drain pan. 16" diameter x 4" high.
Part No. 75-751.

PLEWS GALVANIZED STEEL WATER PAIL

12 quart capacity galvanized steel water pail.
Part No. 75-825.

PLEWS PLASTIC TIRE & TUBE TEST TANK

Rugged high density polyethylene plastic construction. Large enough to handle passenger car and light truck tires. Measures 31" x 12" x 12".
Part No. 75-754.

PLEWS PLASTIC DRAIN PAN w/ LIP

6 quart capacity plastic drain pan w/ pouring lip.
Part No. 75-760.

PLEWS PLASTIC DRAIN PAN w/ SPOUT

5 gallon capacity plastic drain pan w/ pouring spout.
Part No. 75-762.

THEXTON ACTIVATOR®

•Dry charge battery filler, "Cell-Eye" prevents over filling •Dispenser attaches to standard acid pak tube •Ends acid spills, drips and leaks •Positive thumb release valve absolutely controls acid flow •Comes with spacers to adjust cell fill level
Part No. 604.

MOTORCYCLE/RV BATTERY FILLER ADAPTER

•Designed for all small acid batteries •Adapter fits snugly over the end of the Activator® (Part No. 604) and reduces the end of the filler to fit the smaller cell openings in smaller batteries •Made of high strength nylon material
Part No. 605.

SURE SHOT
Pressure Sprayers

Part No. 1000-G, Green enamel 1 quart Sure Shot pressure sprayer.
Part No. 1000-R, Red enamel 1 quart Sure Shot pressure sprayer.
Part No. 1000-W, White enamel 1 quart Sure Shot pressure sprayer.
Part No. 1000-B, Black enamel 1 quart Sure Shot pressure sprayer.
Part No. 10, Complete repair kit for 1000 series pressure sprayers.

BUCKET BUSTER®
Pail Opener

"Bucket Buster" pail opener. Opens all common heavy duty pails with ease. With easy to grip red rubber handle covering, this handy tool opens pails with very little effort and no damage to lids; which permits secure resealing.
Part No. BB-010.

WIKA
Standard Pressure Gauges

SERIES 111.10, 111.12, & 212.20 STANDARD PRESSURE GAUGES - COMPLETE WITH RESTRICTOR SCREWS

GAUGE SERIES	111.10	111.12	111.10	111.12	111.12	111.10	111.12	111.10	111.10	212.20	212.20
GAUGE FACE SIZE	1½"	1½"	2"	2"	2"	2½"	2½"	2½"	4"	4"	4"
GAUGE THREAD SIZE	1/8" NPT	1/8" NPT	1/4" NPT	1/4" NPT	1/8" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT
GAUGE MOUNTING TYPE	Bottom	Back	Bottom	Back	Panel	Bottom	Back	Panel	Bottom	Bottom	Bottom
GAUGE FLANGE TYPE	-	-	-	-	-	-	-	-	-	-	Rear
Compound Gauge 30" HG x 160 psi	-	-	-	-	-	-	-	-	8545499	8946043	-
Compound Gauge 30" HG x 100 psi	-	-	-	-	-	9612211	-	-	9822895	8653470	8653470RF
Compound Gauge 30" HG x 60 psi	-	-	-	-	-	9462686	-	-	-	8946035	8796416
Compound Gauge 30" HG x 30 psi	-	-	8682217	-	-	9473483	-	-	9480765	8784183	8784183RF
Vacuum Gauge 30" HG Vacuum	-	-	9425586	-	-	9473475	9424520	9311887	9489657	8817227	8817227RF
Pressure Gauge 15 psi	-	9379927	9484043	8659575	9612055	9424555	9437452	9270426	9132074	-	-
Pressure Gauge 30 psi	9614694	9603021	9610795	9617129	9622239	9424563	9424881	9311895	9558470	8775958	-
Pressure Gauge 60 psi	9608821	9619424	9425578	9603047	9622560	9424768	9424890	9311909	9480773	8775966	8775966RF
Pressure Gauge 100 psi	9616212	9610957	9607612	9603055	9659587	9424776	9473491	9311925	9480781	8775974	8775974RF
Pressure Gauge 160 psi	9606135	9603013	9606675	9603064	9381877	9424792	9424903	9311934	9480790	8784167	8784167RF
Pressure Gauge 200 psi	-	9624397	9425900	9615576	9606721	9424784	9424539	9311942	9399429	8775990	8775990RF
Pressure Gauge 300 psi	-	-	9615585	9777933	9607523	9424806	9437444	9311917	9480005	8775982	8775982RF
Pressure Gauge 400 psi	-	-	-	-	-	9424814	-	-	9658602	-	-
Pressure Gauge 600 psi	-	-	-	-	-	9424997	9437207	9424911	9480013	8784159	8784159RF
Pressure Gauge 1000 psi	-	-	-	-	-	9424830	-	-	9169059	9450610	9450610RF
Pressure Gauge 1500 psi	-	-	-	-	-	9424849	-	-	-	-	-
Pressure Gauge 2000 psi	-	-	-	-	-	9424857	-	9270370	-	9541667	9541667RF
Pressure Gauge 3000 psi	-	-	-	-	-	9424865	9437231	9270434	-	9450629	9450629RF
Pressure Gauge 5000 psi	-	-	-	-	-	9424873	9612246	-	-	9479848	9479848RF

NOTE: All Wika Gauges are offered in dual scale.

WIKA

ACCESSORIES
Part No. 410497, 2" acrylic snap in window for 111.10 series.
Part No. 420891, 2½" acrylic snap in window for 111.10 series.
Part No. 551988, 4" acrylic snap in window for 111.10 series.
Part No. 154121, 4" safety glass for 212.20 series.
Part No. GE-25B-E, 1/4" brass snubber.
Part No. 1449605, 1/4" stainless steel snubber.
Part No. 704547, 1/2" stainless steel snubber.
Part No. 523518, Brass mounting flange.

Gauge Series Descriptions

WIKA standard pressure gauges are designed for long and reliable service under rugged conditions. Some typical applications are for pumps, hydraulic and pneumatic systems, compressors, as a contractor's gauge, and for many other applications where the measured media does not corrode brass. The accuracy is 1.5% of full range for the Type 111.10 gauges, and 1.0% of full range for the Type 212.20 gauges.

Series 111.10 & 111.12 — General Purpose Gauge, Dry
Case: Black ABS plastic
Wetted parts: Copper alloy
Window: Snap-in acrylic

Series 212.20 — Large Diameter Hydraulic Gauge
Case: Stainless steel
Ring: Stainless steel — twist-on
Wetted parts: Copper alloy
Window: Acrylic

2½" Liquid Filled Pressure Gauges

SERIES 213.53, 213.40, 233.53 LIQUID FILLED PRESSURE GAUGES

GAUGE SERIES	213.53	213.53	213.53	233.53	233.53	213.40	213.40	213.40
GAUGE CASE TYPE	Stain. Steel	Stain. Steel	Stain. Steel	Stain. Steel	Stain. Steel	Brass	Brass	Brass
GAUGE FACE SIZE	2½"	2½"	2½"	2½"	2½"	2½"	2½"	2½"
GAUGE THREAD SIZE	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
GAUGE MOUNTING TYPE	Bottom	Back	Panel	Bottom	Back	Bottom	Back	Panel
GAUGE FLANGE TYPE	-	-	-	-	Front	-	-	-
Compound Gauge 30" HG x 160 psi	-	-	-	9518287	-	-	-	-
Compound Gauge 30" HG x 100 psi	8345368	-	-	-	-	-	-	-
Compound Gauge 30" HG x 60 psi	9309386	-	9306077UC	9110628	-	-	-	-
Compound Gauge 30" HG x 30 psi	8345783	-	9306085UC	9120518	9267404FF	-	-	-
Vacuum Gauge 30" HG Vacuum	8345376	-	8345392UC	9108470	9248085FF	9456198	8468761	8468761UC
Pressure Gauge 15 psi	8345791	-	-	9202833	9267382FF	9456155	9455949	9455949UC
Pressure Gauge 30 psi	8345317	9301750	9301750UC	8212228	9206464FF	9456171	9455957	9455957UC
Pressure Gauge 60 psi	8345309	9301742	9301742UC	9106842	9207338FF	9456210	9455965	9455965UC
Pressure Gauge 100 psi	8347484	9307995	9307995UC	9200015	9206455FF	9456228	9456120	9456120UC
Pressure Gauge 160 psi	8347476	-	9303141UC	9110653	9216485FF	9456180	9455981	9455981UC
Pressure Gauge 200 psi	8345325	-	9301793UC	9202825	9260069FF	9456236	9449279	9442979UC
Pressure Gauge 300 psi	8345333	9303159	9303159UC	9110645	9267390FF	9442871	9442987	9442987UC
Pressure Gauge 400 psi	8347441	9311101	9311101UC	9131693	9251116	9611452	9455990	9455990UC
Pressure Gauge 600 psi	8345805	-	9301776UC	9120500	9138795FF	9456244	9456007	9456007UC
Pressure Gauge 1000 psi	8345295	8347468	8347468UC	9202085	9227275FF	9456252	9456015	9456015UC
Pressure Gauge 1500 psi	8349431	-	9312035UC	9216477	9521904FF	9456260	8825750	8825750UC
Pressure Gauge 2000 psi	9301768	9309378	9309378UC	9138786	9543835FF	9455906	9456023	9456023UC
Pressure Gauge 3000 psi	8345813	-	9317630UC	9102502	9121735FF	9455914	9435220	9435220UC
Pressure Gauge 5000 psi	8345350	-	9307987UC	9112583	9257255FF	9456279	9442995	9442995UC
Pressure Gauge 10,000 psi	-	-	-	9131685	-	8544751	-	-

WIKA brass gauges are recognized world-wide as the standard of accuracy and durability for gauges in fluid power and hydraulic systems, and in severe service applications for non-corrosive environments and media.

Gauge Series Descriptions

Series 213.53 — Stainless Steel Case, Brass Internals, Field Liquid Fillable
Case: Stainless steel
Ring: Polished stainless steel - crimped on
Wetted parts: Copper alloy
Window: Acrylic

Series 213.40 — Hydraulic Gauge
Case: Cast brass
Cover Ring: Brass plated ABS (2½"); chrome plated brass (4")
Wetted parts: Copper alloy
Window: Acrylic

Series 233.53 — Stainless Steel Case, Stainless Steel Internals, Field Liquid Fillable
Case: Stainless steel
Ring: Polished stainless steel - crimped on
Wetted parts: 316 stainless steel
Window: Acrylic

4" & 4½" Liquid Filled Pressure Gauges

SERIES 213.40, 233.54, 233.34 & 213.34 LIQUID FILLED PRESSURE GAUGES

GAUGE SERIES	213.40	233.54	233.54	233.34	233.34	213.34	213.34
GAUGE CASE TYPE	Brass	Stain. Steel	Stain. Steel	Phenolic	Phenolic	Phenolic	Phenolic
GAUGE FACE SIZE	4"	4"	4"	4½"	4½"	4½"	4½"
GAUGE THREAD SIZE	1/4"	1/4"	1/2"	1/4"	1/2"	1/4"	1/2"
GAUGE MOUNTING TYPE	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom
GAUGE FLANGE TYPE	-	-	-	Turret Rear	Turret Rear	Turret Rear	Turret Rear
Compound Gauge 30" HG x 200 psi	-	-	-	-	9837388	-	-
Compound Gauge 30" HG x 160 psi	-	-	-	9837418	9837426	-	-
Compound Gauge 30" HG x 100 psi	8574480	-	-	9837450	9837469	-	-
Compound Gauge 30" HG x 60 psi	8629838	-	7297428	9837493	9837507	-	9839704
Compound Gauge 30" HG x 30 psi	9684921	9538041	7297444	9837531	9837540	-	-
Vacuum Gauge 30" HG Vacuum	8594210	9563151	7297509	9837612	9837620	9839771	9839780
Pressure Gauge 15 psi	-	9570824	7297550	9837655	9837663	9839810	9839828
Pressure Gauge 30 psi	8587990	9531429	7297576	9837698	9837701	9839852	9839860
Pressure Gauge 60 psi	8603405	9563169	7297593	9837736	9837744	9839895	9839909
Pressure Gauge 100 psi	8692122	9521946	7297606	9837779	9837787	9839933	9839941
Pressure Gauge 160 psi	8773610	9531917	7297623	9837817	9837825	9839976	9839984
Pressure Gauge 200 psi	8611467	9560063	7297631	9837850	9837868	-	-
Pressure Gauge 300 psi	8784043	9531909	7297649	9837892	9837904	-	-
Pressure Gauge 400 psi	8578753	9560055	7297657	9837930	9837949	-	-
Pressure Gauge 600 psi	8574502	9533430	7297690	9837973	9837981	-	-
Pressure Gauge 1000 psi	8609632	9570815	7297908	9838058	9838066	-	-
Pressure Gauge 1500 psi	-	9681251	7298378	9838090	9838104	-	-
Pressure Gauge 2000 psi	-	9521920	7298433	9838139	9838147	-	-
Pressure Gauge 3000 psi	-	9653452	7298441	9838171	9838180	-	-
Pressure Gauge 5000 psi	8589615	9550920	7298459	9838210	9838228	-	-
Pressure Gauge 10,000 psi	-	-	7298484	9838252	9838260	-	-

Please see the Gauge Series Descriptions on the following page for the above 4 & 4½" Liquid Filled Pressure Gauges.

WIKA
Standard Pressure Gauges

Gauge Series Descriptions

Refers to the 4" & 4½" Liquid Filled Pressure Gauges found on the previous page.

Like all WIKA products, WIKA stainless steel gauges are widely known for their excellent durability. Plus, superior engineering and construction ensure long service life in the harshest, most demanding applications. WIKA stainless steel gauges are the ideal choice for the process, chemical, and petrochemical industries; all off-shore applications; oil exploration and production; power generation; pollution control equipment; and any other application requiring fine quality, long lasting pressure measurement instrumentation. Specifically designed for the chemical and petroleum processing industries, WIKA Process Gauges have the construction, materials, and engineering it takes to stand up to the toughest conditions around. They are engineered to deliver years of accurate service, while withstanding vibration, corrosive media and atmospheres, and a wide range of temperatures.
Construction details include a strong, corrosion-resistant molded phenolic case, a glass-reinforced polybutylene ring and an adjustable pointer, a wear resistant stainless steel movement, and a brass or 316SS Bourdon tube and connection. A compensating membrane helps maintain accuracy by equalizing internal pressure changes. The case has a molded solid front and a snap-in-blow-out back to protect the operator at all times.
A stress equalizing coiled safety Bourdon tube is standard for pressures of 1500 psi and higher. All WIKA Process Gauges can take a 30% momentary overload without changing calibration.

Series 213.40 — Hydraulic Gauge
Case: Cast brass
Cover Ring: Brass plated ABS (2½"); chrome plated brass (4")
Wetted parts: Copper alloy
Window: Acrylic

Series 233.54 — Field Repairable, Field Liquid Fillable
These gauges have a stainless steel bourdon tube used mostly in oil and gas service and with chemicals of a corrosive nature.
Case: Stainless steel
Bayonet Ring: Stainless steel - twist on
Wetted parts: 316 stainless steel
Window: Laminated safety glass

Series 233.34 — Process Gauge
Case: Fibreglass reinforced thermoplastic
Ring: Threaded thermoplastic
Wetted parts: 316 stainless steel
Window: Acrylic

Series 213.34 — Process Gauge
These gauges have a copper alloy bourdon tube for steam, water and hydraulic service.
Case: Fibreglass reinforced thermoplastic
Ring: Threaded thermoplastic
Wetted parts: Copper alloy
Window: Acrylic

DOCAP
Pressure Gauges

•1/4 NPT Lower Mount
Part No. 519-900, 2", 0 - 60 psi steel case pressure gauge.
Part No. 519-902, 2", 0 - 120 psi steel case pressure gauge.
Part No. 519-904, 2", 0 - 200 psi steel case pressure gauge.
Part No. 519-906, 2", 0 - 60 psi stainless steel case silicone filled gauge.
Part No. 519-910, 2", 0 - 200 psi stainless steel case silicone filled gauge.

TREND
Dual Scale Bi-Metal Thermometers

MODEL	33	33	33	50	50	50	52	52
FACE SIZE	3"	3"	3"	5"	5"	5"	5"	5"
THREAD SIZE	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
STEM LENGTH	2½"	4"	6"	2½"	4"	6"	4"	6"
CONNECTION	Back	Back	Back	Back	Back	Back	Adj.	Adj.
-40°F to 120°F (-40°C to 49°C)	33025AO-02-G4	33040AO-02-G4	33060AO-02-G4	50025AO-02-G4	50040AO-02-G4	50060AO-02-G4	52040AO-02-G4	52060AO-02-G4
0°F to 250°F (-18°C to 121°C)	33025AO-06-G4	33040AO-06-G4	33060AO-06-G4	50025AO-06-G4	50040AO-06-G4	50060AO-06-G4	52040AO-06-G4	52060AO-06-G4
50°F to 500°F (10°C to 260°C)	33025AO-10-G4	33040AO-10-G4	33060AO-10-G4	50025AO-10-G4	50040AO-10-G4	50060AO-10-G4	52040AO-10-G4	52060AO-10-G4

BI-METAL THERMOMETER MODEL 33
This high quality, low cost thermometer is designed for applications where a weather resistant, tamper proof case is required.
Specifications
Case: One piece case/bezel design in corrosion resistant 304 stainless steel.
Dial: White matte finish with black markings. Dished form with Celsius on lower plane and Fahrenheit on raised plane.
Crystal: Heavy duty clear glass, gasketed and sealed to insure weather tight integrity.
Stem/Connection: Type 304 stainless steel, 1/4 inch/6.35 millimetre diameter with standard lengths to 24 inches/609 millimetres. 1/2 inch NPT connection is standard.
Bi-Metal Element: An extremely responsive temperature sensing helix which has been carefully sized and tested, heat treated and aged to relieve inherent stresses and insure continued accuracy.
Accuracy: One percent full-scale is standard.

MODEL 50
Case: 302 series corrosion resistant stainless steel case and bezel.
Dial: Heavy gauge aluminum with hard surface white matte finish to reduce glare. Dished form with Celsius on lower plane and Fahrenheit on raised plane offers accurate indication of both scales.
Crystal: Optically clear, strong glass, gasketed to maintain weather tight integrity.
Stem: 300 series stainless steel, welded at tip and case connector to prevent leakage. 1/4 inch/6.35 millimetre diameter is standard for lengths to 24 inches/609 millimetres.
Bi-Metal Element: An extremely responsive temperature sensing helix which has been carefully sized and tested, heat treated and aged to relieve inherent stresses and ensure continued accuracy.
Accuracy: Guaranteed to be accurate to within one percent of full scale.

MODEL 52
For those applications that preclude the use of standard form thermometers, the fully adjustable TREND JUST-RITE model is offered.
Simple adjustment of the heavy duty stainless steel harness allows case rotation of 360° and stem variation of more than 180°. Flexible stainless steel bellows sealed at case and stem connector protects the temperature transmission mechanism and guarantees the weather tight integrity.

Model 33

Model 52

Thermometer Wells

Part No. CM-534-025-304, 2½" stainless steel thermometer well - 1/2" x 3/4" x 2½".
Part No. CM-534-040-304, 4" stainless steel thermometer well - 1/2" x 3/4" x 4".
Part No. CM-534-060-304, 6" stainless steel thermometer well - 1/2" x 3/4" x 6".

FULTON

SINGLE SPEED WINCHES

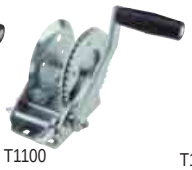
A full line of single speed winches to meet your toughest pulling demands. Our winches feature efficient gear ratios, full length drum bearings, oil impregnated shaft bushings and the patented "Comfort Grip" handle for ease of cranking. All gears are high carbon steel for superb strength and long term durability. Stamped carbon steel frames provide rigidity for gear alignment and longer cycle life. Zinc finishes provide excellent corrosion resistance in all environments. All models are designed for use with rope or strap. For end user convenience two "Z" models are available with factory installed straps and hooks.

PART NO.	CAPACITY LBS. *	GEAR RATIO	HANDLE LENGTH	MAX. MECH. ADV**	RATCHET TYPE	DRUM STORAGE			STRAP MOUNTING BOLT SIZES (not included)	HUB SIZE	HAND BRAKE
						ROPE	CABLE	STRAP			
T600	600	3.1:1	6"	34:1	Grabber One Way	36 ft. x ¼"	N/A	15 ft. x 2"	¼" x 2½" Grade 5	5/8"	No
T900	900	3.1:1	7"	39:1	Grabber One Way	36 ft. x ¼"	N/A	15 ft. x 2"	¼" x 2½" Grade 5	5/8"	No
T1100	1100	4.1:1	7"	43:1	Two Way	30 ft. x 5/16"	N/A	20 ft. x 2"	¼" x 2½" Grade 5	¾"	No
T1300	1300	4.1:1	8"	49:1	Two Way	30 ft. x 5/16"	N/A	20 ft. x 2"	¼" x 2½" Grade 5	¾"	No
T1300Z	1300	4.1:1	8"	49:1	Two Way	30 ft. x 5/16"	N/A	20 ft. x 2"	¼" x 2½" Grade 5	¾"	No
T1500	1500	4.1:1	8"	49:1	Two Way	20 ft. x 5/16"	N/A	20 ft. x 2"	¼" x 2½" Grade 5	¾"	No
T1500Z	1500	4.1:1	8"	49:1	Two Way	20 ft. x 5/16"	N/A	20 ft. x 2"	¼" x 2½" Grade 5	¾"	No
T1602	1600	5.1:1	9"	56:1	Two Way	20 ft. x 7/16"	N/A	20 ft. x 2"	3/8" x 2¾" Grade 5	7/8"	No
T1801	1800	5.1:1	10"	62:1	Two Way	20 ft. x 7/16"	N/A	20 ft. x 2"	3/8" x 2¾" Grade 5	7/8"	No

*All Fulton winches are rated on the first layer of recommended rope, strap or cable. The winch load capacity must be derated as additional layers are used. Derate the capacity 10% per additional layer of rope, strap or cable.
**Max. Mech. Adv. — Based on first layer of recommended line on the drum. For maximum efficiency, use only the amount of line required.

T600

T900


T1100

T1300

T1500

T1602

T1801

MRO Equipment & Supplies

TWO SPEED WINCHES

Make light work of heavy loads with Fulton two-speed winches. One fast speed for quick pull in, a second low speed for increased mechanical advantage. Shift lock design allows changing gears without moving the crank handle from shaft to shaft. Just lift the shift lock and slide the shaft into the desired gear position. Shift lock holds the shaft in gear. Neutral, free-wheel position, allows quick line pay out without spinning the handle. Our ratchet pawl also has a convenient neutral position. Optional handbrake kit #1619-01 is available (see below) for all two-speed winches and can be installed after the winch is mounted.

PART NO.	CAPACITY LBS. *	GEAR RATIO	HANDLE LENGTH	MAX. MECH. ADV**	RATCHET TYPE	DRUM STORAGE			STRAP MOUNTING BOLT SIZES (not included)	HUB SIZE	HAND BRAKE
						ROPE	CABLE	STRAP			
T2005	2000	4.1:1 & 9.8:1	10"	87:1	Two Way w/ Neutral	20 ft. x 7/16"	N/A	20 ft. x 2"	3/8" x 2¾" Grade 5	1"	1619-01
T2605	2600	5.1:1 & 12.2:1	10"	108:1	Two Way w/ Neutral	24 ft. x 7/16"	N/A	20 ft. x 2"	3/8" x 3½" Grade 5	1"	1619-01
T2605B	2600	5.1:1 & 12.2:1	10"	108:1	Two Way w/ Neutral	24 ft. x 7/16"	N/A	20 ft. x 2"	3/8" x 3½" Grade 5	1"	Installed
T3205	3200	5.1:1 & 12.2:1	10"	79:1	Two Way w/ Neutral	N/A	175 ft. x 7/32"	N/A	Cable Only	1¾"	1619-01
T3205B	3200	5.1:1 & 12.2:1	10"	79:1	Two Way w/ Neutral	N/A	175 ft. x 7/32"	N/A	Cable Only	1¾"	Installed
T3700	3700	5.1:1 & 12.2:1	10"	102:1	Two Way	N/A	185 ft. x 7/32"	N/A	Cable Only	1¾"	Included

*All Fulton winches are rated on the first layer of recommended rope, strap or cable. The winch load capacity must be derated as additional layers are used. Derate the capacity 10% per additional layer of rope, strap or cable.
**Max. Mech. Adv. — Based on first layer of recommended line on the drum. For maximum efficiency, use only the amount of line required.

Part No. 1619-01, Brake kit for use with winches as noted.

T2005

T2605

T2605B

T3205

T3205B

T3700

AUTOMATIC BRAKE WINCHES

Fulton's K Series self-activating automatic brake winches hold the load securely when the crank handle is released. Unlike our competitors, no minimum line load is required to activate the brake or pay out cable from the winch. Typical applications include boat lifts, grain augers, manual fork lifts, retractable swing keels, dumpster lid lifts and manual hoists. Drum hubs are 10X recommended cable size to maximize cable life.

PART NO.	MAX. RATED LINE PULL		MAX. CABLE SIZE DATA (7 x 19 GALVANIZED AIRCRAFT CABLE)			MECHANICAL DATA			MAX. MECH. ADV.**	FREE WHEEL
	1st LAYER	FULL DRUM	DIAMETER	TEST STRENGTH	DRUM STORAGE	GEAR RATIO	HANDLE LENGTH	DRUM HUB DIAMETER		
K650	600 lbs.	200 lbs.	1/8"	2000 lbs.	85 ft.	1:1	11"	1¼"	16:1	No
K1051	1000 lbs.	500 lbs.	7/32"	5600 lbs.	50 ft.	4.1:1	11"	2¼"	29:1	No
K1550	1500 lbs.	700 lbs.	¼"	7000 lbs.	70 ft.	5.1:1	11"	2½"	32:1	No
K2550	2500 lbs.	1500 lbs.	5/16"	9800 lbs.	70 ft.	15.8:1	11"	3-1/8"	64:1	No

K650

K1051

K1550

**Max. Mech. Adv. — Based on first layer of recommended line on the drum. For maximum efficiency, use only the amount of line required.

K2550

WORM GEAR WINCHES

These worm gear winches feature high gear ratios for excellent load control. Worm gear design allows reel to automatically stop when handles are released. No minimum loading is required for winch operation. Drum hubs are sized to prevent cable damage and extend cable life. Oil impregnated bushings and comfort grip handles for easy cranking. Reinforced frames keep gears aligned for improved life cycle performance.

PART NO.	DESCRIPTION	CAPACITY LBS.	GEAR RATIO	DRUM CABLE STORAGE				DRUM DIA.	DRIVE
				1/8"	3/16"	1/4"	5/16"		
KW1500	Regular drum handle drive	1500	31:1	115 ft.	50 ft.	—	—	1.5"	8" handle
KW2000	Regular drum handle drive	2000	41:1	235 ft.	100 ft.	—	—	1.5"	8" handle
KW3000	Regular drum drive ring & handle	3000	51:1	—	160 ft.	90 ft.	60 ft.	3.125"	Drive ring and 10" handle

KW3000

KW1500

KW2000

WINCH ACCESSORIES

ROPE & HOOK

Polypropylene rope with hook. 3/8" x 20 ft. 480 lb. maximum working load.
Part No. WR20.

WINCH STRAP & HOOK

Nylon web winch strap with hook. 2" x 20 ft., 2600 lb. maximum working load.
Part No. WS20.

PERSONAL WATERCRAFT WINCH STRAP W/ HOOK & LOOP

Nylon web winch strap with hook. 2" x 12 ft. 1800 lb. maximum working load.
Part No. WSP12.

DUTTON-LAINSON

Strongarm® Electric Winches

StrongArm® Electric Winches - provide load-moving muscle with just the push of a button or switch. Electric winch gear-train uses heat treated sintered-iron gears for smooth, quiet operation. Final drive gears are heat treated high carbon steel for greater strength. SA series feature power-in, power-out, controlled freewheeling clutch and automatic brake. SA models equipped with flexible high strength 7 x 19 galvanized aircraft cable. AC model feature 120 volt AC operation complete with 10 ft., 3 wire grounded power cord and built in 3 position rocker switch.

PART NO.	VOLTS / AMPS	LOAD CAPACITY	GEAR RATIO	CABLE	PULLEY BLOCK & HOOK	APPROXIMATE LOAD SPEED (FT./MIN.)			
						NO LOAD		FULL LOAD	
						FULL REEL	EMPTY REEL	FULL REEL	EMPTY REEL
SA5000	12 Volt DC / 70	1500 lb/681 kg	194:1	3/16" x 20 ft.		33	12	8	4
SA5000AC	120 Volt AC / 6	1200 lb/545 kg	194:1	3/16" x 20 ft.		35	16	16	9
SA7000	12 Volt DC / 70	2200 lb/999 kg*	194:1	3/16" x 50 ft.	•	16	6	4.5	3.5
SA7000AC	120 Volt AC / 6	1800 lb/817 kg*	194:1	3/16" x 50 ft.	•	17.5	8	9.5	6
SA9000	12 Volt DC / 70	3000 lb/1362 kg	584:1	7/32" x 25 ft.		11	5	4	2.5
SA9005	12 Volt DC / 70	1500 lb/681Kg	194:1	7/32" x 25 ft.					
SA9000AC	Same as SA9000 except less clutch w/ Remote Kit #6383			7/32" x 25 ft.		18	6	7	3.5
SA12000	12 Volt DC / 70	4500 lb/2043 kg*	584:1	7/32" x 50 ft.	•	5	2.5	2	1.5
SA12000AC	120 Volt AC / 6	4000 lb/1816 kg*	584:1	7/32" x 50 ft.	•	9	3	4	2

*Double line operation

SA5000

SA7000AC

SA9000

SA9005

WINCH COVER

Keeps all StrongArm winches clean, dry, and looking like new. Strong vinyl.
Part No. 6363.

REMOTE HAND-HELD SWITCH

For 120 volt AC StrongArm winch models. Provides 10 ft. remote hand-held switch unit for wiring directly to winch. Pendant has an "In-Off-Out" switch similar to power switch provided on all 120 volt AC StrongArm winch models.
Part No. 6372.

Pulling Winches

Pulling Winches - are available in models from 400 lbs. capacity to 3500 lbs. capacity. The seven largest models have two direction ratchets which allow cranking cable onto the drum in either direction. Four models are available with a hand brake to help control the freewheel mode. Ratchet winches are built for multi-purpose hauling, pulling, and material handling operations and are ideal for boat trailer and wheeled equipment applications. **NOTE**: Strap included on strap winches — cable extra on all others. B as a suffix = Hand Brake.

PART NO.	RATED CAPACITY	GEAR RATIO	REVERSIBLE RATCHET	2-SPEED OPERATION	CABLE SIZE & REEL CAPACITY
DL400	400 lbs.	1:1			5/32" x 56 ft.
DL400S	400 lbs.	1:1			12 ft. strap
DL600A	600 lbs.	3.2:1			5/32" x 61 ft.
DL900A	900 lbs.	3.2:1			3/16" x 40 ft.
DL1100A	1100 lbs.	3.7:1			3/16" x 81 ft.
DL1100AS	1100 lbs.	3.7:1			15 ft. strap
DL1300A	1300 lbs.	4.4:1			7/32" x 57 ft.
DL1402A	1400 lbs.	4.4:1	•		1/4" x 41 ft.
DL1402AS	1400 lbs.	4.4:1	•		20 ft. strap
DL1602A	1600 lbs.	5.4:1	•		1/4" x 60 ft.
DL1602ADD	1600 lbs.	5.4:1/1:1	•	•	1/4" x 60 ft.
DL1800A	1800 lbs.	10.3:1/5.4:1	•	•	9/32" x 61 ft.
DL1800AB	1800 lbs.	10.3:1/5.4:1	•	•	9/32" x 61 ft.
DL1802A	1800 lbs.	5.4:1	•		9/32" x 61 ft.
DL2000A	2000 lbs.	12.4:1/5.4:1	•	•	9/32" x 61 ft.
DL2000AB	2000 lbs.	12.4:1/5.4:1	•	•	9/32" x 61 ft.
DL2500A	2500 lbs.	17.3:1/5.4:1	•	•	5/16" x 49 ft.
DL2500AB	2500 lbs.	17.3:1/5.4:1	•	•	5/16" x 49 ft.
DL2500AS	2500 lbs.	17.3:1/5.4:1	•	•	25 ft. strap
DL3500B	3500 lbs.	12:1/6:1	•	•	3/8" x 37 ft.

DL600A

DL1602ADD

DL2500AS

DL3500B

DUTTON-LAINSON
Brake Hand Winches

Brake Winches - have design features for additional safety and convenience. Brake winches have a friction brake which automatically applies a constant, positive holding action. The load remains exactly in position when handle is released. Brake winches should be used in place of ratchet winches in applications where a danger would be created if the winch load were allowed to freewheel. Brake winches are ideal for applications such as raising boats on davits, and raising or lowering retractable keels on sailboats. **NOTE**: Cable not included on winches. *Units marked with an asterisk are freewheel winches.

B4010A

B1202

DLB1500A

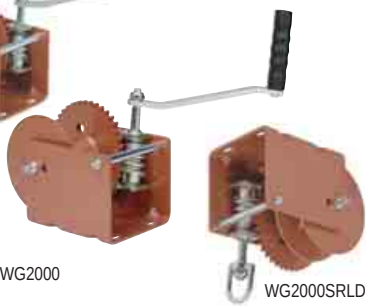
DLB2500

PART NO.	RATED CAPACITY	MIN. OPERATING LOAD REQUIRED	GEAR RATIO	HANDLE LENGTH	CABLE SIZE & REEL CAPACITY
B1200	1200 lbs.	75 lbs.	4:1	12¼"	7/32" x 58 ft.
B1202	1200 lbs.	75 lbs.	4:1	12¼"	7/32" x 50 ft.
B1500	1500 lbs.	150 lbs.	6:1	12¼"	1/4" x 55 ft.
B1502	1500 lbs.	150 lbs.	6:1	12¼"	1/4" x 50 ft.
B2502	2500 lbs.	300 lbs.	12:1	12¼"	5/16" x 48 ft.
B2503	2500 lbs.	300 lbs.	12:1	12¼"	5/16" x 43 ft.
B4010A	4000 lbs.	-	37.9:1	-	3/8" x 34 ft. (17 ft. per side)
DLB800A	800 lbs.	50 lbs.	4.4:1	7"	3/16" x 68 ft.
DLB805A*	800 lbs.	50 lbs.	4.4:1	7"	3/16" x 68 ft.
DLB1200A	1200 lbs.	50 lbs.	5.4:1	7"	7/32" x 73 ft.
DLB1205A*	1200 lbs.	50 lbs.	5.4:1	7"	7/32" x 73 ft.
DLB1500A	1500 lbs.	75 lbs.	5.4:1	9-3/8"	1/4" x 63 ft.
DLB1505A*	1500 lbs.	75 lbs.	5.4:1	9-3/8"	1/4" x 63 ft.
DLB2500	2500 lbs.	175 lbs.	17.3:1	9-3/8"	9/32" x 42 ft.

Worm Gear Hand Winches

Worm Gear Winches - are designed for applications requiring safe controlled movement of loads. The reel automatically stops turning whenever cranking is stopped. This means no freewheel mode and no special mechanism required to stop reel gear movement. Worm gear winches may be used for raising boats on davits, and raising and lowering retractable swing keels on sailboats. These types of winches do not require a minimum load for operation. **NOTE**: Cable not included on winches.

WG1500



WG2000

WG2000SRLD

PART NO.	WINCH STYLE	RATED CAPACITY	GEAR RATIO	HANDLE LENGTH	CABLE SIZE & REEL CAPACITY
WG1500	regular drum handle drive	1500 lbs.	30:1	7"	1/4" x 47 ft.
WG1500LD	regular drum loop drive	1500 lbs.	30:1	-	1/4" x 47 ft.
WG1500SR	split reel handle drive	1500 lbs.	30:1	7"	1/4" x 47 ft. (23½ ft. per side)
WG1500SRLD	split reel loop drive	1500 lbs.	30:1	-	1/4" x 47 ft. (23½ ft. per side)
WG2000	regular drum handle drive	2000 lbs.	40:1	7"	9/32" x 45 ft.
WG2000LD	regular drum loop drive	2000 lbs.	40:1	-	9/32" x 45 ft.
WG2000SR	split reel handle drive	2000 lbs.	40:1	7"	9/32" x 45 ft. (22½ ft. per side)
WG2000SRLD	split reel loop drive	2000 lbs.	40:1	-	9/32" x 45 ft. (22½ ft. per side)

DYNALINE
Hand Winches

DYNALINE

GENERAL PURPOSE HAND WINCHES

Solid carbon steel gears. Embossed frame for added strength. Winch drums are drilled for use with winch straps. Baked black enamel painted finish. Supplied with grip handle and cable keeper.

PART NO.	DESCRIPTION	*LOAD CAPACITY	GEAR RATIO	CABLE SIZE & REEL CAPACITY
11301	One speed, one way ratchet	800 lbs.	3:1	3/16" x 45 ft./ 1/4" x 40 ft./ 9/32" x 40 ft.
11303	One speed, two way ratchet	1200 lbs.	4:1	7/32" x 58 ft./ 1/4" x 55 ft./7/16" x 25 ft.
11304	One speed, two way ratchet	1400 lbs.	4:1	1/4" x 55 ft./ 7/16" x 25 ft.
11305	Two speed, two way ratchet	2000 lbs.	4:1/10:1	1/4" x 65 ft./ 9/32" x 58 ft./ 7/16" x 40 ft./1/2" x 20 ft.
11306	Two speed, two way ratchet & hand brake	2500 lbs.	5:1/12:1	1/4" x 80 ft./ 5/16" x 59 ft./ 7/16" x 40 ft./1/2" x 20 ft.

AUTO BRAKE WINCH

Keeps loads automatically locked in position when handle is released. (Note: Minimum load required to activate brake mechanism.) Baked black enamel painted finish. Supplied with grip handles and cable keeper.

PART NO.	DESCRIPTION	*LOAD CAPACITY	GEAR RATIO	CABLE SIZE & REEL CAPACITY
11308	Auto brake	1400 lbs.	4:1	1/4" x 90 ft./ 5/16" x 65 ft.

WORM GEAR WINCH

Self-braking mechanism prevents loads from accidentally running free. The load remains fixed in position when handle is released. Baked black enamel painted finish. Supplied with grip handles and cable keeper.

PART NO.	DESCRIPTION	*LOAD CAPACITY	GEAR RATIO	CABLE SIZE & REEL CAPACITY
11312	Worm gear	2000 lbs.	41:1	1/8" x 230 ft./ 3/16" x 97 ft.

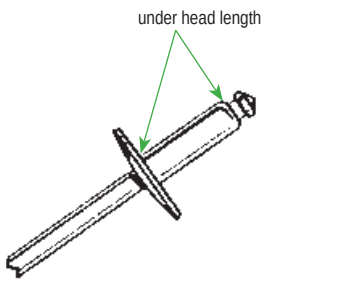
*Load capacity based on direct line pull on the first layer of line on the drum. Capacity decreases as line builds up on the drum.

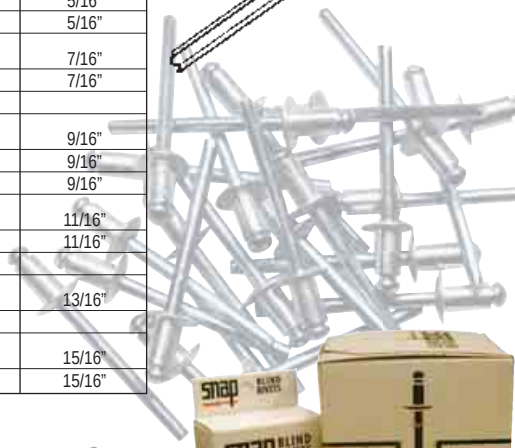
SNAP RIVETS
Blind Rivets

LEGEND

AA - Aluminum Rivet Aluminum Mandrel
AS - Aluminum Rivet Steel Mandrel
SS - Steel Rivet Steel Mandrel
C - Countersunk Head
L - Large Flange Head
50-100-250-500 - Box Quantity

Rivet Diameter Drill Size	Head Diameter	Grip Range	Aluminum Rivet Aluminum Mandrel	Aluminum Rivet Steel Mandrel	Steel Rivet Steel Mandrel	Under Head Length
1/8"	1/4"	1/16"-1/8"	AA42-100	AS42-100	SS42-100	1/4"
			AA42-500	AS42-500	SS42-500	1/4"
					SS42C-100	1/4"
1/8"	1/4"	1/8"-3/16"	AA43-100	AS43-100	SS43-100	5/16"
1/8"	1/4"	3/16"-1/4"	AA44-100	AS44-100	SS44-100	3/8"
			AA44-500	AS44-500	SS44-500	3/8"
					SS44C-100	3/8"
1/8"	1/4"	1/4"-5/16"	AA45-100	AS45-100		7/16"
1/8"	1/4"	5/16"-3/8"	AA46-100	AS46-100	SS46-100	1/2"
				AS46-500	SS46-500	1/2"
1/8"	1/4"	3/8"-1/2"	AA48-100	AS48-100	SS48-100	5/8"
3/16"	3/8"	To 1/8"	AA62-50	AS62-50	SS62-50	5/16"
			AA62-250	AS62-250	SS62-250	5/16"
3/16"	3/8"	1/8"-1/4"	AA64-50	AS64-50	SS64-50	7/16"
			AA64-250	AS64-250	SS64-250	7/16"
			AA64L-250			
3/16"	3/8"	1/4"-3/8"	AA66-50	AS66-50	SS66-50	9/16"
			AA66-250	AS66-250	SS66L-50	9/16"
			AA66L-250		SS66-250	9/16"
3/16"	3/8"	3/8"-1/2"	AA68-50	AS68-50	SS68-50	11/16"
			AA68-250	AS68-250	SS68-250	11/16"
			AA68L-250			
3/16"	3/8"	1/2"-5/8"	AA610-50	AS610-50	SS610-50	13/16"
			AA610L-250			
3/16"	3/8"	5/8"-3/4"	AA612-50	AS612-50	SS612-50	15/16"
			AA612L-250			15/16"





BACK-UP WASHERS
Part No. W4-100, Box of 100 1/8" zinc plated back up washers.
Part No. W4-500, Box of 500 1/8" zinc plated back up washers.
Part No. W6-100, Box of 100 3/16" zinc plated back up washers.
Part No. W6-500, Box of 500 3/16" zinc plated back up washers.

HAND RIVETER
Part No. 66, Heavy duty hand riveter - does all 1/8" and 3/16" rivets.

GDX

Rivet Kit Assortments

800 Pc. RIVET KIT
Includes an assortment of various sized rivets both in aluminum and steel. Also includes 1/8" and 3/16" backup washers.
Part No. KIT3.

451 Pc. RIVET KIT w/ TOOL
Includes an assortment of various sized rivets both in aluminum and steel. Includes a professional rivet tool for rivets up to 3/16".
Part No. KIT4.

PART NO.	WIDTH	I.D.	O.D.
006	1/16	1/8	1/4
007	1/16	5/32	9/32
008	1/16	3/16	5/16
009	1/16	7/32	11/32
010	1/16	1/4	3/8
011	1/16	5/16	7/16
012	1/16	3/8	1/2
110	3/32	3/8	9/16
111	3/32	7/16	5/8
112	3/32	1/2	11/16
113	3/32	9/16	3/4
114	3/32	5/8	13/16
115	3/32	11/16	7/8
116	3/32	3/4	15/16
210	1/8	3/4	1
211	1/8	13/16	1-1/16
212	1/8	7/8	1-1/8
213	1/8	15/16	1-3/16
214	1/8	1	1-1/4
215	1/8	1-1/16	1-5/16
216	1/8	1-1/8	1-3/8
217	1/8	1-3/16	1-7/16
218	1/8	1-1/4	1-1/2
219	1/8	1-5/16	1-9/16
220	1/8	1-3/8	1-5/8
221	1/8	1-7/16	1-11/16
222	1/8	1-1/2	1-3/4
325	3/16	1-1/2	1-7/8
326	3/16	1-5/8	2
327	3/16	1-3/4	2-1/8
328	3/16	1-7/8	2-1/4
329	3/16	2	2-3/8
330	3/16	2-1/8	2-1/2
331	3/16	2-1/4	2-5/8
332	3/16	2-3/8	2-3/4
333	3/16	2-1/2	2-7/8
334	3/16	2-5/8	3
335	3/16	2-3/4	3-1/8
336	3/16	2-7/8	3-1/4
337	3/16	3	3-3/8
338	3/16	3-1/8	3-1/2
339	3/16	3-1/4	3-5/8
340	3/16	3-3/8	3-3/4
341	3/16	3-1/2	3-7/8
342	3/16	3-5/8	4
343	3/16	3-3/4	4-1/8
344	3/16	3-7/8	4-1/4
345	3/16	4	4-3/8
346	3/16	4-1/8	4-1/2
347	3/16	4-1/4	4-5/8
348	3/16	4-3/8	4-3/4
349	3/16	4-1/2	4-7/8
425	1/4	4-1/2	5
426	1/4	4-5/8	5-1/8
427	1/4	4-3/4	5-1/4
428	1/4	4-7/8	5-3/8
429	1/4	5	5-1/2
430	1/4	5-1/8	5-5/8
431	1/4	5-1/4	5-3/4
432	1/4	5-3/8	5-7/8
433	1/4	5-1/2	6
434	1/4	5-5/8	6-1/8

PART NO.	WIDTH	I.D.	O.D.
435	1/4	5-3/4	6-1/4
436	1/4	5-7/8	6-3/8
437	1/4	6	6-1/2
438	1/4	6-1/4	6-3/4
439	1/4	6-1/2	7
440	1/4	6-3/4	7-1/4
441	1/4	7	7-1/2
442	1/4	7-1/4	7-3/4
443	1/4	7-1/2	8
444	1/4	7-3/4	8-1/4
445	1/4	8	8-1/2
446	1/4	8-1/2	9
447	1/4	9	9-1/2
448	1/4	9-1/2	10
449	1/4	10	10-1/2
450	1/4	10-1/2	11
451	1/4	11	11-1/2
223	1/8	1-5/8	1-7/8
224	1/8	1-3/4	2
225	1/8	1-7/8	2-1/8
226	1/8	2	2-1/4
227	1/8	2-1/8	2-3/8
228	1/8	2-1/4	2-1/2
229	1/8	2-3/8	2-5/8
230	1/8	2-1/2	2-3/4
231	1/8	2-5/8	2-7/8
232	1/8	2-3/4	3
233	1/8	2-7/8	3-1/8
234	1/8	3	3-1/4
235	1/8	3-1/8	3-3/8
236	1/8	3-1/4	3-1/2
237	1/8	3-3/8	3-5/8
238	1/8	3-1/2	3-3/4
239	1/8	3-5/8	3-7/8
240	1/8	3-3/4	4
241	1/8	3-7/8	4-1/8
242	1/8	4	4-1/4
243	1/8	4-1/8	4-3/8
244	1/8	4-1/4	4-1/2
245	1/8	4-3/8	4-5/8
246	1/8	4-1/2	4-3/4
247	1/8	4-5/8	4-7/8
248	1/8	4-3/4	5
249	1/8	4-7/8	5-1/8
250	1/8	5	5-1/4
251	1/8	5-1/8	5-3/8
252	1/8	5-1/4	5-1/2
253	1/8	5-3/8	5-5/8
254	1/8	5-1/2	5-3/4
255	1/8	5-5/8	5-7/8
256	1/8	5-3/4	6
257	1/8	5-7/8	6-1/8
258	1/8	6	6-1/4
259	1/8	6-1/4	6-1/2
260	1/8	6-1/2	6-3/4
261	1/8	6-3/4	7
262	1/8	7	7-1/4
263	1/8	7-1/4	7-1/2
264	1/8	7-1/2	7-3/4
265	1/8	7-3/4	8

PART NO.	WIDTH	I.D.	O.D.
004	1/16	5/64	13/64
005	1/16	3/32	7/32
013	1/16	7/16	9/16
014	1/16	1/2	5/8
015	1/16	9/16	11/16
016	1/16	5/8	3/4
017	1/16	11/16	13/16
018	1/16	3/4	7/8
019	1/16	13/16	15/16
020	1/16	7/8	1
021	1/16	15/16	1-1/16
022	1/16	1	1-1/8
023	1/16	1-1/16	1-3/16
024	1/16	1-1/8	1-1/4
025	1/16	1-3/16	1-5/16
026	1/16	1-1/4	1-3/8
027	1/16	1-5/16	1-7/16
028	1/16	1-3/8	1-1/2
117	3/32	13/16	1
118	3/32	7/8	1-1/16
119	3/32	15/16	1-1/8
120	3/32	1	1-3/16
121	3/32	1-1/16	1-1/4
122	3/32	1-1/8	1-5/16
123	3/32	1-3/16	1-3/8
124	3/32	1-1/4	1-7/16
125	3/32	1-5/16	1-1/2
126	3/32	1-3/8	1-9/16
127	3/32	1-7/16	1-5/8
128	3/32	1-1/2	1-11/16
129	3/32	1-9/16	1-3/4
130	3/32	1-5/8	1-13/16
131	3/32	1-11/16	1-7/8
132	3/32	1-3/4	1-15/16
133	3/32	1-13/16	2
134	3/32	1-7/8	2-1/16
135	3/32	1-15/16	2-1/8
136	3/32	2	2-3/16
137	3/32	2-1/16	2-1/4
138	3/32	2-1/8	2-5/16
139	3/32	2-3/16	2-3/8
140	3/32	2-1/4	2-7/16
141	3/32	2-5/16	2-1/2
142	3/32	2-3/8	2-9/16
143	3/32	2-7/16	2-5/8
144	3/32	2-1/2	2-11/16
145	3/32	2-9/16	2-3/4
146	3/32	2-5/8	2-13/16
147	3/32	2-11/16	2-7/8
148	3/32	2-3/4	2-15/16
149	3/32	2-13/16	3

O'RING KIT
382 piece - 1/4" O.D. to 2-1/8" O.D.
Part No. OK-311.

ECONOMY O'RING KIT
407 piece - 1/4" O.D. to 2¼" O.D.
Part No. GD-1000.

DYNALINE

O-Rings & Kits

METRIC O-RINGS

Buna N-70R Nitrile Durometer A. Conforms to ASTM D2000 M2BF714, B14, EA14, EF11, EF21, EO14, EO34.

PART NO.	I.D.	O.D.
54501	3 mm	7 mm
54502	5 mm	9 mm
54503	6 mm	10 mm
54504	8 mm	12 mm
54505	10 mm	14 mm
54506	13 mm	17 mm
54507	10 mm	15 mm
54508	12 mm	17 mm
54509	14 mm	19 mm
54510	15 mm	20 mm
54511	16 mm	21 mm
54512	18 mm	23 mm
54513	20 mm	25 mm
54514	21 mm	26 mm
54515	22 mm	27 mm
54516	18 mm	25 mm
54517	20 mm	27 mm
54518	22 mm	29 mm
54519	23 mm	30 mm
54520	25 mm	32 mm
54521	27 mm	34 mm
54522	28 mm	35 mm
54523	30 mm	37 mm
54524	31 mm	38 mm
54525	32 mm	39 mm
54526	34 mm	41 mm
54527	36 mm	43 mm
54528	38 mm	45 mm
54529	41 mm	48 mm
54530	44 mm	51 mm
54531	46 mm	53 mm
54532	50 mm	57 mm

HI-PRESSURE O-RINGS

Buna N-90R Nitrile Durometer A.

PART NO.	TUBE SIZE DASH NO.	TUBE O.D. (INCHES)	I.D. (INCHES)
54901	-	3/32	.185
54902	2	1/8	.239
54903	3	3/16	.301
54904	4	1/4	.351
54905	5	5/16	.414
54906	6	3/8	.468
54907	-	7/16	.530
54908	8	1/2	.644
54909	-	9/16	.706
54910	10	5/8	.755
54911	-	11/16	.863
54912	12	3/4	.924
54913	-	13/16	.986
54914	-	7/8	1.047
54916	16	1	1.171
54918	-	1-1/8	1.355
54920	20	1-1/4	1.475
54924	24	1-1/2	1.720
54928	28	1-3/4	2.090
54932	32	2	2.337

O-RING KITS

PART NO.	DESCRIPTION	CONTENTS
00150	S.A.E. O-Ring Kit	382 pcs. - 30 part #'s
00151	Metric O-Ring Kit	408 pcs. - 32 part #'s
00152	Hi-Pressure O-Ring Kit	212 pcs. - 20 part #'s

DOCAP

Grommets

Grommets are made from styrene butadiene rubber. They are used within the holes of sheetmetal, wherever wiring, rubber hose or cable pass through providing protection against rough edges. Solid centre grommets can be used as plugs.

PART NO.	INSIDE DIAMETER	OUTSIDE DIAMETER	DESCRIPTION
EWG-1	1/8"	9/32"	Grommet
EWG-6	3/16	5/16	Grommet
EWG-13	1/4	1/2	Grommet
EWG-21	5/16	7/32	Grommet
EWG-26	3/8	1/2	Grommet
EWG-27	3/8	9/16	Grommet
EWG-31	3/8	3/4	Grommet
EWG-34	7/16	3/4	Grommet
EWG-36	1/2	21/32	Grommet
EWG-44	5/8	1	Grommet
EWG-45	3/4	15/16	Grommet
RBG-1	-	5/16	Solid Centre Grommet
RBG-2	-	3/8	Solid Centre Grommet
RBG-3	-	1/2	Solid Centre Grommet
RBG-4	-	5/8	Solid Centre Grommet
RBG-5	-	3/4	Solid Centre Grommet
RBG-6	-	7/8	Solid Centre Grommet
RBG-7	-	1	Solid Centre Grommet
519-500	-	-	Grommet Assortment

Grommet

Solid Centre Grommet

GROMMET ASSORTMENT

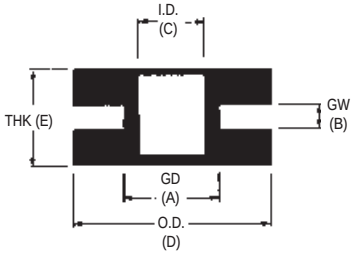
Part No. 519-500

- Contains over 190 pieces
- 18 popular sizes
- Packed in plastic see through box
- Sizes listed on inside cover

Contents of Grommet Assortment:

EWG-1	1/8 x 9/32
EWG-6	3/16 x 5/16
EWG-13	1/4 x 1/2
EWG-21	5/16 x 7/32
EWG-26	3/8 x 1/2
EWG-27	3/8 x 9/16
EWG-31	3/8 x 3/4
EWG-34	7/16 x 3/4
EWG-36	1/2 x 21/32
EWG-44	5/8 x 1
EWG-45	3/4 x 15/16
RBG-1	5/16
RBG-2	3/8
RBG-3	1/2
RBG-4	5/8
RBG-5	3/4
RBG-6	7/8
RBG-7	1

PRO-TEC
Rubber Grommets



RUBBER GROMMETS - GR SERIES

•Protects tubing, hose and cable •Installs instantly - simply snap into hole •Tensile range - 30-100 psi •Excellent adhesion to metals •Low temperature usage: 0°F to -50°F •High temperature usage: to 225°F •Colour: black •Material: SBR (Styrene Butadiene) 60 Durometer

PART NO.	PANEL HOLE SIZE (A)	PANEL THICKNESS (B)	I.D. (C)	OVERALL O.D. (D)	DEPTH (E)
GR-3401	0.3125	0.0930	0.1094	0.5000	0.2190
GR-3001	0.2500	0.0625	0.1250	0.3438	0.1875
GR-3041	0.2500	0.0625	0.1563	0.3750	0.1875
GR-3028	0.3750	0.1875	0.1875	0.6250	0.3750
GR-3053	0.2813	0.0938	0.1875	0.4375	0.2188
GR-3081	0.3125	0.0625	0.1875	0.4375	0.1875
GR-3105	0.3125	0.2500	0.1875	0.4375	0.3750
GR-3146	0.3125	0.1250	0.1875	0.4375	0.2500
GR-3047	0.3125	0.0625	0.2188	0.4375	0.1875
GR-3002	0.4375	0.0625	0.2500	0.6250	0.1875
GR-3027	0.4688	0.2500	0.2500	0.6250	0.5000
GR-3091	0.5000	0.1875	0.2500	0.6250	0.4375
GR-3127	0.4375	0.1875	0.2500	0.6250	0.3125
GR-3164	0.3750	0.0938	0.2500	0.5000	0.2500
GR-3165	0.3750	0.0625	0.2500	0.5625	0.2500
GR-3384	0.4650	0.0950	0.2500	0.7650	0.2940
GR-3400	0.4060	0.1250	0.2660	0.6250	0.3750
GR-3009	0.3750	0.3750	0.3125	0.5625	0.5000
GR-3065	0.5625	0.0625	0.3125	0.8125	0.3125
GR-3104	0.4375	0.0938	0.3125	0.6250	0.3125
GR-3016	0.5000	0.1250	0.3750	0.6250	0.4063
GR-3017	0.5313	0.1250	0.3750	0.7500	0.3750
GR-3033	0.5000	0.2500	0.3750	0.7500	0.5000
GR-3035	0.5625	0.1875	0.3750	0.8125	0.3750
GR-3076	0.6250	0.0625	0.3750	0.8750	0.3125
GR-3110	0.6250	0.2500	0.3750	0.8750	0.5000
GR-3123	0.5625	0.3750	0.3750	0.7500	0.7500
GR-3150	0.6250	0.1250	0.3750	0.8750	0.3750
GR-3209	0.5000	0.3750	0.3750	0.6250	0.6250
GR-3250	0.5000	0.1250	0.3750	0.6250	0.3125
GR-3183	0.6250	0.3750	0.4062	0.8125	0.6250
GR-3131	0.6875	0.1875	0.4375	0.9375	0.4375
GR-3132	0.8125	0.1875	0.5000	1.0625	0.4375
GR-3218	0.7500	0.1563	0.5000	0.9375	0.4063
GR-3219	1.0000	0.2656	0.5000	1.3750	0.5000
GR-3100	0.8750	0.1875	0.5625	1.0625	0.4375
GR-3101	0.8750	0.3750	0.5625	1.0625	0.6250
GR-3113	0.8125	0.2500	0.5625	1.0625	0.5000
GR-3134	0.8125	0.1875	0.5625	1.0625	0.4375
GR-3080	0.8750	0.0625	0.6250	1.1250	0.3125
GR-3114	0.8750	0.2500	0.6250	1.1250	0.5000
GR-3135	0.8750	0.1875	0.6250	1.1250	0.4375
GR-3155	0.8750	0.1250	0.6250	1.1250	0.3750
GR-3068	1.0000	0.0625	0.6875	1.3125	0.3750

PART NO.	PANEL HOLE SIZE (A)	PANEL THICKNESS (B)	I.D. (C)	OVERALL O.D. (D)	DEPTH (E)
GR-3115	1.0000	0.2500	0.6875	1.3125	0.5625
GR-3136	1.0000	0.1875	0.6875	1.3125	0.5000
GR-3156	1.0000	0.1250	0.6875	1.3125	0.4375
GR-3342	0.9687	0.3750	0.6875	1.3125	0.6250
GR-3031	1.0625	0.0625	0.7500	1.3750	0.3750
GR-3116	1.0625	0.2500	0.7500	1.3750	0.5625
GR-3117	1.2500	0.2500	0.7500	1.6250	0.4375
GR-3137	1.0625	0.1875	0.7500	1.3750	0.5000
GR-3157	1.0625	0.1250	0.7500	1.3750	0.4375
GR-3158	1.2500	0.1250	0.7500	1.6250	0.3125
GR-3410	1.2500	0.4690	0.7500	1.5000	0.6600
GR-3087	1.6250	0.0625	0.8750	2.0000	0.4375
GR-3118	1.2500	0.2500	0.8750	1.6250	0.6250
GR-3138	1.2500	0.1875	0.8750	1.6250	0.5625
GR-3160	1.2500	0.1250	0.8750	1.6250	0.5000
GR-3246	1.1875	0.1406	0.8750	1.3750	0.4063
GR-3259	1.2500	0.1250	0.8750	1.5620	0.7500
GR-3390	1.0000	0.2500	0.8750	1.2500	0.6250
GR-3062	1.2500	0.2500	1.0000	1.5000	0.5000
GR-3072	1.3750	0.0625	1.0000	1.7500	0.4375
GR-3119	1.3750	0.2500	1.0000	1.7500	0.6250
GR-3139	1.3750	0.1875	1.0000	1.7500	0.5625
GR-3161	1.3750	0.1250	1.0000	1.7500	0.5000
GR-3064	1.5000	0.0625	1.1250	1.8750	0.3750
GR-3180	1.5000	0.1563	1.1875	1.7500	0.4063
GR-3262	1.5000	0.2500	1.2500	2.0000	0.5160
GR-3266	1.6250	0.1875	1.2500	1.8750	0.5000
GR-3267	1.5000	0.2500	1.2500	1.7500	0.5000
GR-3383	1.6250	0.1250	1.3750	1.8750	0.4063
GR-3073	1.7500	0.0625	1.5000	2.1250	0.4375
GR-3121	1.7500	0.2500	1.5000	2.1250	0.6250
GR-3141	1.7500	0.1875	1.5000	2.1250	0.5625
GR-3295	1.7500	0.3750	1.5000	2.1250	0.7500
GR-3301	2.0000	0.0930	1.5000	2.3750	0.3750
GR-3239	2.0000	0.1875	1.6250	2.2500	0.7500
GR-3409	1.7500	0.0750	1.6250	2.1000	0.2600
GR-3296	2.0000	0.2500	1.7500	2.5000	0.5690
GR-3334	2.0000	0.2500	1.7500	2.5000	0.5600
GR-3318	2.5000	0.2500	2.0000	3.0000	0.5625
GR-3145	2.5000	0.0625	2.1250	2.8750	0.4375
GR-3404	2.5000	0.2500	2.2500	3.0000	0.6250
GR-3405	2.5000	0.3280	2.2500	3.0000	0.7180
GR-3406	2.5000	0.3750	2.2500	3.0000	0.7500

BRUSHES
Parts Cleaning Brushes

Part No. PC-1, Parts cleaning brush.

DOCAP
Tie Wire

Part No. BTW-1, 3.5 lb. roll (285 ft.) 16 gauge BAR TIE wire.
Part No. SPW-2, 2 lb. roll (330 ft.) 18 gauge MECHANIC'S wire.
Part No. SSW-1, 1 lb. roll (157 ft.) 18 gauge STAINLESS STEEL TIE wire.

Paint Brushes, Rollers, & Accessories

PROFESSIONAL SERIES LATEX BRUSHES

•Polyester/Nylon blend •Stainless steel ferrules •Sealed hardwood handles

Part No. 860-38, 38 mm/thin angle sash.
Part No. 860-50, 50 mm/thin angle sash.
Part No. 861-50, 50 mm/angle sash.
Part No. 861-64, 64 mm/angle sash.
Part No. 862-50, 50 mm/flat sash.
Part No. 862-64, 64 mm/flat sash.
Part No. 863-50, 50 mm/trim.
Part No. 863-75, 75 mm/trim.
Part No. 864-75, 75 mm/wall.
Part No. 864-100, 100 mm/wall.

PROFESSIONAL SERIES OIL BRUSHES

•100% China bristle •Stainless steel ferrules •Sealed hardwood handles

Part No. 760-38, Black bristle, 38 mm/thin angle sash.
Part No. 760-50, Black bristle, 50 mm/thin angle sash.
Part No. 761-50, Black bristle, 50 mm/angle sash.
Part No. 761-64, Black bristle, 64 mm/angle sash.
Part No. 762-50, Black bristle, 50 mm/flat sash.
Part No. 762-64, Black bristle, 64 mm/flat sash.
Part No. 762-75, Black bristle, 75 mm/flat sash.
Part No. 763-50, White bristle, 50 mm/trim.
Part No. 763-75, White bristle, 75 mm/trim.
Part No. 764-75, Black bristle, 75 mm/wall.
Part No. 764-100, Black bristle, 100 mm/wall.

MID-GRADE "PRO" LATEX BRUSHES

•Polyester/Nylon blend •Stainless steel ferrules •Sealed hardwood handles

Part No. 4400-38, 38 mm/angle sash.
Part No. 4400-64, 64 mm/angle sash.
Part No. 4100-50, 50 mm/flat trim.
Part No. 4100-100, 100 mm/wall.

MID-GRADE "PRO" OIL BRUSHES

•100% China bristle •Stainless steel ferrules •Sealed hardwood handles •Asterisk (*) denotes white bristles

Part No. 1213-38, 38 mm/angle sash.
Part No. 1213-50, 50 mm/angle sash.
Part No. 1213-64, 64 mm/angle sash.
Part No. 1217-64*, 64 mm/angle sash.
Part No. 1211-50, 50 mm/flat sash.
Part No. 1214-75, 75 mm/wall.
Part No. 1215-75*, 75 mm/flat trim.
Part No. 1214-100, 100 mm/wall.

MID-GRADE "BONUS" OIL BRUSHES

•100% pure bristle •Long length bristles •Sealed hardwood handles •Flat sash

Part No. 680-38, 38 mm/trim.
Part No. 680-50, 50 mm/trim.
Part No. 680-75, 75 mm/wall.
Part No. 680-100, 100 mm/wall.

ALL-PURPOSE "ONE COAT" LATEX BRUSHES

•One coat results •100% polyester filaments •Contoured black plastic handles

Part No. 2020-25, 25 mm/trim.
Part No. 2020-50, 50 mm/trim.
Part No. 2020-75, 75 mm/wall.
Part No. 2020-100, 100 mm/wall.
Part No. 2320-50, 50 mm/trim - angle sash.

ALL-PURPOSE "ONE COAT" OIL BRUSHES

•One coat results •100% pure China bristle •Contoured black plastic handles

Part No. 920-25, 25 mm/trim.
Part No. 920-50, 50 mm/trim.
Part No. 920-75, 75 mm/wall.
Part No. 920-100, 100 mm/wall.
Part No. 925-50, 50 mm/trim - angle sash.

ALL-PURPOSE "MULTI-USE" LATEX BRUSHES

•100% polyester filaments •Red plastic handles •General maintenance use

Part No. 2015-25, 25 mm/trim.
Part No. 2015-50, 50 mm/trim.
Part No. 2015-75, 75 mm/wall.
Part No. 2015-100, 100 mm/wall.
Part No. 2315-38, 38 mm/angle sash.

ALL-PURPOSE "MULTI-USE" OIL BRUSHES

•100% natural black bristle •Red plastic handles •General maintenance use

Part No. 915-25, 25 mm/trim.
Part No. 915-50, 50 mm/trim.
Part No. 915-75, 75 mm/wall.
Part No. 915-100, 100 mm/wall.

ALL-PURPOSE "BASIC" LATEX BRUSHES

•100% polyester filaments •Blue plastic handles •Utility use

Part No. 2010-25, 25 mm/trim.
Part No. 2010-50, 50 mm/trim.
Part No. 2010-75, 75 mm/wall.
Part No. 2010-100, 100 mm/wall.

ALL-PURPOSE "BASIC" OIL BRUSHES

•100% natural black bristle •Blue plastic handles •Utility use

Part No. 910-25, 25 mm/trim.
Part No. 910-50, 50 mm/trim.
Part No. 910-75, 75 mm/wall.
Part No. 910-100, 100 mm/wall.

Rubberset®

WHITE BRISTLE CHIP BRUSHES

•100% natural white bristle •Wood handles

Part No. 603-13, 13 mm.
Part No. 603-25, 25 mm.
Part No. 603-38, 38 mm.
Part No. 603-50, 50 mm.
Part No. 603-75, 75 mm.
Part No. 603-100, 100 mm.

POLYOLEFIN CHIP BRUSHES

•Economical grade polyolefin filament •For all types of touch-up jobs

Part No. 4405-13, 13 mm.
Part No. 4410-25, 25 mm.
Part No. 4415-38, 38 mm.
Part No. 4420-50, 50 mm.
Part No. 4425-64, 64 mm.
Part No. 4430-75, 75 mm.
Part No. 4470-100, 100 mm.

"GO" BRUSHES

•Economical grade bristle brushes with red handles •Utility use only

Part No. 310-30, 30 mm.
Part No. 310-50, 50 mm.
Part No. 310-75, 75 mm.
Part No. 310-100, 100 mm.

"CLIPPER" LATEX BRUSHES

•100% polyester •Green plastic handles

Part No. 302-30, 30 mm.
Part No. 302-50, 50 mm.
Part No. 302-75, 75 mm.
Part No. 302-100, 100 mm.

"CLIPPER" OIL BRUSHES

Wood handles:
Part No. 83210-25, 25 mm.
Part No. 83215-38, 38 mm.
Part No. 83220-50, 50 mm.
Part No. 83230-75, 75 mm.
Part No. 83240-100, 100 mm.

RADIATOR BRUSHES

•Pure bristle •Extra long handles for hard to reach surfaces

Part No. 2065, 30 mm/flat.
Part No. 2075, 30 mm/bent.
Part No. 2085, 50 mm/bent.

OVAL SASH BRUSHES

•Black China bristle •Use for glue, shellac, and machine cleaning

Part No. 1150-2, #2.
Part No. 1150-4, #4.
Part No. 1150-6, #6.
Part No. 1150-8, #8.
Part No. 1150-10, #10.

#2 NYLON CLEANING TOOL

Part No. 2264.

WATERSEAL BRUSH

100 mm polyester waterseal brush.
Part No. 2340.

STAIN BRUSH

100 mm polyolefin stain brush.
Part No. 2200.

CHINA BRISTLE STAIN BRUSH

Grey.
Part No. 2440-75, 75 mm.
Part No. 2440-100, 100 mm

FLAT FOAM BRUSH

Flat foam brush with wood handle.
Part No. 81610-25, 25 mm.
Part No. 81620-50, 50 mm.
Part No. 81630-75, 75 mm.
Part No. 81640-100, 100 mm.

"PAINTER'S COLLECTION" BRUSH SET

4 piece brush set, 25, 38, 50, 75 mm.
Part No. 0115.

Paint Brushes, Rollers, & Accessories

HIGH DENSITY POLYESTER ROLLER SLEEVES — VINYL CORE

Part No.	Roller Type	Size	For Use With...
8200	Smooth surface	240 mm x 6 mm pile	Oil and latex paints
8201	Smooth or light textured surface	240 mm x 10 mm pile	Oil and latex paints
8202	Smooth or textured surface	240 mm x 13 mm pile	Oil and latex paints
8203	Semi-rough surface	240 mm x 19 mm pile	Oil and latex paints
8204	Rough surface	240 mm x 25 mm pile	Oil and latex paints
8205	Very rough surface	240 mm x 30 mm pile	Oil and latex paints

LOW LINT WOVEN POLYESTER ROLLER SLEEVES — VINYL CORE

Part No.	Roller Type	Size	For Use With...
5910	Smooth surface	240 mm x 6 mm pile	Oil and latex paints
5911	Smooth or light textured surface	240 mm x 10 mm pile	Oil and latex paints
5912	Semi-smooth surface	240 mm x 13 mm pile	Oil and latex paints

ALL-PURPOSE SERIES ROLLER REFILLS

Part No.	Roller Type	Size	For Use With...
6008	"One Coat" smooth surface	190 mm x 6 mm pile	Oil and latex paints
6009	"One Coat" textured surface	190 mm x 10 mm pile	Oil and latex paints
6010	"One Coat" semi-smooth surface	190 mm x 13 mm pile	Oil and latex paints
6000	"One Coat" smooth surface	240 mm x 6 mm pile	Oil and latex paints
6001	"One Coat" textured surface	240 mm x 10 mm pile	Oil and latex paints
9502	Set of 6, #6001 "One Coat" roller refill	240 mm x 10 mm pile	Oil and latex paints
6003	"One Coat" semi-smooth surface	240 mm x 13 mm pile	Oil and latex paints
6002	"One Coat" rough surface	240 mm x 25 mm pile	Oil and latex paints
6020	"Multi-Use" smooth surface	240 mm x 6 mm pile	Oil and latex paints
6021	"Multi-Use" textured surface	240 mm x 10 mm pile	Oil and latex paints
6022	Set of 3, #6021 "Multi-Use" roller refill	240 mm x 10 mm pile	Oil and latex paints

SPECIALTY SLEEVES

Part No.	Roller Type	Size	For Use With...
5112	Moblend twin pack	75 mm x 5 mm pile	Epoxies and toluenes
5542	Moblend smooth surface	110 mm x 5 mm pile	Epoxies and toluenes
5572	Moblend smooth surface	190 mm x 5 mm pile	Epoxies and toluenes
5592	Moblend smooth surface	240 mm x 5 mm pile	Epoxies and toluenes
6332	Polypile	75 mm x 5 mm pile	Epoxies and toluenes
6336	Polypile	75 mm x 11 mm pile	Epoxies and toluenes
7523	Foam	75 mm x 10 mm pile	Epoxies and toluenes
5541	Polyhide textured surface	110 mm x 13 mm pile	Epoxies and toluenes
9129	"Economy" textured surface	190 mm x 10 mm pile	Latex paints
9130	"Economy" textured surface	240 mm x 10 mm pile	Latex paints
9132	"Economy" textured surface twin pack	240 mm x 10 mm pile	Latex paints
9122	Textured surface toss-away twin pack	240 mm x 10 mm pile	Latex paints
0341	Textured roller sleeve	240 mm x 6 mm pile	Textured paints
7524	Foam smooth surface	240 mm x 10 mm pile	Varnish and urethanes
7624	Split foam textured surface	240 mm x 19 mm pile	Varnish and urethanes
9252	Brush fabric smooth surface	240 mm x 5 mm pile	Epoxy and fibreglass

MINI-ROLLER & FRAME SETS FOR TRIM PAINTING

Part No. 5312, 75 mm moblend mini-roller and frame - 5 mm pile.
Part No. 6712, 75 mm polypile mini-roller and frame - 5 mm pile.
Part No. 6716, 75 mm polypile mini-roller and frame - 11 mm pile.
Part No. 6718, 75 mm foam mini-roller and frame - 10 mm pile.
Part No. 5342, 110 mm moblend roller and frame - 5 mm pile.
Part No. 5341, 110 mm polyhide roller and frame - 13 mm pile.

SPECIALTY PAINT PADS

Part No. 9611, 2 wheel edger paint pad.
Part No. 9612, Refill pad for 9611 edger paint pad.
Part No. 9615, Paint wand and tray.

9611

9615

ALL-PURPOSE SERIES ROLLER FRAMES, TRAYS, & LINERS

PART NO.	SIZE	DESCRIPTION
5470	190 mm	"Consumer" 4 wire cage roller frame with plastic handle
5490	240 mm	"Consumer" 5 wire cage roller frame with plastic handle
773	240 mm	Deep well plastic paint tray
6194	240 mm	"Consumer" metal paint tray
8474	240 mm	Heavy duty 2 litre metal tray, rust resistant
8484	240 mm	Heavy duty 4 litre metal tray, rust resistant
6094	240 mm	Plastic tray liner for model 6194 tray
8074	240 mm	Plastic tray liner for model 8474 tray
8084	240 mm	Plastic tray liner for model 8484 tray

6194

MID-GRADE SERIES ROLLER FRAMES

PART NO.	SIZE	DESCRIPTION
8295	240 mm	Super Pro roller frame, 5 wire cage
8199	240 mm	Heavy Duty roller frame, 5 wire cage

ALL-PURPOSE ROLLER KITS

Part No. 6501, "One Coat" 3 piece roller and tray set - includes deep plastic tray, sleeve, and frame.
Part No. 6510, "Multi-Use" 4 piece roller and tray set - includes deep plastic tray, sleeve, frame, and handle.

6501

6510

MISCELLANEOUS ACCESSORIES

Part No. 2530, 25 mm "Sturdy" wire brush.

Part No. 78540, 120 cm wooden extension pole with threaded tip.
Part No. 97523, 120 cm wooden extension pole with metal threaded tip.
Part No. 7625, 183 cm wooden extension pole with metal threaded tip.

Part No. 9019, "Klamp-Tite" adapter for wooden extension poles.
Part No. 9805, "Pro" painter's mitt.
Part No. 9808, Paper dust masks, package of 5.

POLYETHYLENE PRODUCTS

Multi-Purpose Poly Sheeting

Multi Purpose Sheeting can be used for a number of construction and industrial uses, including: •Paint drop sheets •Ceiling stippler film •Paint masking •Furniture covers •Weather protection •Equipment covers •Dust protection •Auto masking. With its handy dispenser type of box, the product is easy to store, transport, and use in any desired length. This utility grade plastic film product is 10 feet wide and 360 feet long (a full 3600 square feet of film), yet supplied in a 16 inch wide box.
Part No. 05-C10-007.

Construction Grade Poly Sheeting

LIGHT GAUGE
Part No. 05-C20-505, 102" x 59 ft. roll, 1 mil clear poly sheeting - 500 sq. ft./roll.
Part No. 05-C21-505, 102" x 177 ft. roll, 1 mil clear poly sheeting - 1500 sq. ft./roll.

MEDIUM GAUGE
Part No. 05-C40-505, 102" x 59 ft. roll, 2 mil clear poly sheeting - 500 sq. ft./roll.
Part No. 05-C41-007, 120" x 100 ft. roll, 2 mil clear poly sheeting - 1000 sq. ft./roll.
Part No. 05-C41-505, 102" x 177 ft. roll, 2 mil clear poly sheeting - 1500 sq. ft./roll.

HEAVY GAUGE
Part No. 05-C60-505, 102" x 59 ft. roll, 3 mil clear poly sheeting - 500 sq. ft./roll.
Part No. 05-C61-007, 120" x 100 ft. roll, 3 mil clear poly sheeting - 1000 sq. ft./roll.
Part No. 05-C61-011, 240" x 100 ft. roll, 3 mil clear poly sheeting - 2000 sq. ft./roll.

Poly Vapour Barrier

•CGSB approved #69006
Part No. 05-V60-505, 102" x 59 ft. roll, 6 mil clear poly vapour barrier - 500 sq. ft./roll.
Part No. 05-V61-007, 120" x 100 ft. roll, 6 mil clear poly vapour barrier - 1000 sq. ft./roll.
Part No. 05-V61-505, 102" x 177 ft. roll, 6 mil clear poly vapour barrier - 1500 sq. ft./roll.

3M

Paintable Plastic Sheeting

3M™ Paintable Plastic Sheeting is a new 20 ft. x 250 ft. roll with micro-etched surface. Helps reduce masking time and labour on larger trucks and SUVs. High density tear resistant clear film.
Part No. 06742.

MARKAL®

Marking Products

SOAPSTONE MARKER & HOLDER
•For the temporary marking of metal surfaces during fabrication operations •Made of all natural soapstone for superior marking •Marks will not contaminate welds and is easily removed
Part No. 80129, Soapstone marker, 5" x 1/2" x 3/16" (flat).
Part No. 80140, Soapstone Holder for flat soapstone, 12 per box.

B PAINTSTIK® MARKER
•All purpose, cold surface marker •Real paint in stick form, dries overnight •Marks on any surface or material •Weather resistant and fade resistant •Lead free •Marking range: -46°C to 66°C •11/16" x 4¾" •Standard package 12 per box
Part No. 80200, White (2/card).
Part No. 80201, Yellow (2/card).
Part No. 80220, White.
Part No. 80221, Yellow.
Part No. 80222, Red.
Part No. 80223, Black.
Part No. 80224, Orange.
Part No. 80225, Blue.
Part No. 80226, Green.
Part No. 80229, Brown.

LUMBER CRAYON #500
•Also known as layout chalk or "keel" •Longer lasting than ordinary crayons •Weather resistant and water resistant •Marks on concrete, wood, metal, plastics, rubber, paper, cardboard, and ceramics •Lead free •Marking range: -46°C to 66°C •1/2" x 4-5/8" •Standard package 12 per box
Part No. 80320, White.
Part No. 80321, Yellow.
Part No. 80322, Red.
Part No. 80323, Black.
Part No. 80324, Orange.
Part No. 80325, Blue.
Part No. 80326, Green.

LA-CO® Markal®

BALL PAINT MARKER™

•Ball size 1/8" •Fine line marks with real paint that dries in minutes •Lead free •Weather and water resistant •Marks on metal, wood, plastic, almost any surface •Typical uses: metal pipe, I-beams, sheet metal, lumber, and PVC pipe •Marking range: -46°C to 66°C •2 oz. bottle •Standard package 12 per box
Part No. 84620, White.
Part No. 84621, Yellow.
Part No. 84622, Red.

DURA-INK® #15 MARKER

•Ideal for fine line marking •Extra strong tip will not spread or mush •Smear resistant, water resistant, fast drying •Marks on metal, wood, cardboard, paper, plastic, glass, etc. •Standard package 12 per box
Part No. 96023, Dura-Ink #15 marker, black.

DURA-INK® #55 MARKER

•High intensity colours •Smear and water resistant •Fast drying •Chisel tip makes fine or broad lines •Excellent for use on cardboard, ceramics, glass, leather, lumber, paper, rubber and steel. •Standard package 12 per box
Part No. 96528, Red.
Part No. 96529, Black.
Part No. 96530, Blue.
Part No. 96531, Green.

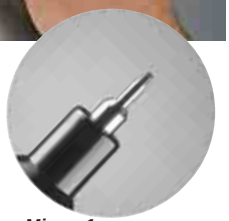
VALVE ACTION™ PAINT MARKER

•Paint formulated for industrial applications •Dries in minutes - weather resistant •Lead free •Ideal for all surfaces •Makes fine line marks •Typical uses: metal and PVC pipe, sheet metal, cartons, lumber, signs, and tires •Marking range: -46°C to 66°C •Standard package 12 per box
Part No. 96820, White.
Part No. 96821, Yellow.
Part No. 96822, Red.
Part No. 96823, Black.
Part No. 96824, Orange.
Part No. 96825, Blue.
Part No. 96826, Green.
Part No. 96832, Aluminum.

PRO-LINE™ FINE/MICRO POINT PAINT MARKER

•The only non-xylene, fine/micro point paint marker designed and built with tough, industrial applications in mind •Two tip sizes: 2 mm Fine tip for general use where a finer paint line is needed, 1 mm Microline tip for detailed writing and identification on clean parts or materials •Xylene-Free formula for less objectionable odour, fewer health concerns, less flammable •Recommended for metals, plastics, chipboard, corrugated, laminates, fibreglass, painted or varnished woods, glass, paper, ceramics. •Designed for smoother surfaces such as sheet metal, machined metal parts, etc. IT IS NOT SUITABLE for rough surfaces such as slab steel, rough lumber, fabrics, etc. •Self-storing pocket clip cap •Standard package 48 per box
Part No. 96871, Fine Tip, white.
Part No. 96872, Fine Tip, yellow.
Part No. 96873, Fine Tip, black.
Part No. 96874, Fine Tip, red.
Part No. 96875, Fine Tip, blue.
Part No. 96876, Fine Tip, green.
Part No. 96877, Fine Tip, orange.
Part No. 96888, Micro Tip, white.
Part No. 96889, Micro Tip, yellow.
Part No. 96890, Micro Tip, black.
Part No. 96891, Micro Tip, red.

Fine, 2 mm



Micro, 1 mm

SILVER-STREAK® FINE LINE METAL MARKER

•Ideal for doing metal layout and fabrication work •Round or flat •Marks on any metal surface, won't rub off like soapstone •Marks on oily, wet, or rusty metals •More visible through filter plates •Marks are resistant to torch flames and won't shatter if dropped •Holders include a handy pocket clip •Standard package 24 per box except #96017 (12)
Part No. 96004, Silver-Streak flat holder w/ 4 refills.
Part No. 96006, Silver-Streak round w/ refill.
Part No. 96007, Card of 6 Silver-Streak round refills.

Part No. 96018, Package of 25 Silver-Streak flat refills.
Part No. 96002, Package of 100 Silver-Streak flat refills.
Part No. 96017, Package of 10 holders only for Silver-Streak flat refills; also fits Red-Riter flat refills.

RED-RITER® FINE LINE METAL MARKER

•Ideal for doing metal layout and fabrication work •Marks on any metal surface, won't rub off like soapstone •Marks on oily, wet, or rusty metals •More visible through filter plates •Marks are resistant to torch flames and won't shatter if dropped •Holders include a handy pocket clip •Standard package 24 per box except #96017 (12)
Part No. 96005, Red-Riter flat holder w/ 4 refills.
Part No. 96019, Package of 25 Red-Riter flat refills.
Part No. 96017, Package of 10 holders only for Red-Riter flat refills; also fits Silver-Streak flat refills.

QUIK STIK™ TWIST UP PAINT MARKER

•Twist-up advance of the stick •Plastic holder with self storing cap prevents breakage, keeps hands and clothing clean •More marks for the money, lasts 20% longer than other brands •Bright, bold fade resistant colours •Smooth marking, fast drying paint marks on virtually any surface: metal, glass, plastic, wood, cardboard, paper, etc. •Marks dry in 5 - 7 minutes •Marking temperature range: -17°C to 60°C
Part No. 61051, White.
Part No. 61053, Yellow.
Part No. 61049, Red.
Part No. 61050, Black.
Part No. 61069, Green.
Part No. 61070, Blue.
Part No. 61071, Orange.
Part No. 61073, Purple.

DURA-BALL™ PAINT TUBE MARKER

•All colours are low chloride which make them safe for marking stainless steel and nuclear plant use •Marks on all hard surfaces such as metals, plastic, glass, and wood •Available in 12 colours •Thick paint won't run on vertical and overhead surfaces •Colour coded cap shows the paint colour and protects the tip •Marking range -46°C to 66°C •Standard package 48 per box •1/8" ball tip size

Part No. 96652, White.
Part No. 96653, Yellow.
Part No. 96654, Red.
Part No. 96655, Black.
Part No. 96656, Orange.
Part No. 96657, Blue.
Part No. 96658, Green.
Part No. 96659, Pink.
Part No. 96660, Violet.
Part No. 96661, Brown.
Part No. 96662, Grey.
Part No. 96663, Beige.

IRWIN INDUSTRIAL TOOLS

Sharpie Permanent Markers

SHARPIE® KING SIZE™

•Industrial strength for tough marking jobs •Marks on wet and oily surfaces •Durable aluminum barrel and felt tip stand up to heavy use •Special water resistant ink formula dries quickly •Excellent for marking corrugate, wood, metal, foil, stone, plastic, leather, and more •Large ink supply for big projects

Part No. 15001-SH, Black.
Part No. 15002-SH, Red.

SHARPIE® FINE TIP

•Permanent on most surfaces •Quick-drying, fade and water resistant ink •Available in 3 colours

Part No. 30101-SH, Black.
Part No. 30102-SH, Red.
Part No. 30103-SH, Blue.

SHARPIE® TWIN TIP

•Increased functionality with both fine and chisel tips in one marker •Permanent on most surfaces •Fade and water resistant ink encourages multiple project uses •Quick drying, AP certified non-toxic ink formula

Part No. 36401-SH, Black.

SHARPIE® PROFESSIONAL

•Ready for your big jobs •Permanent on most surfaces, including wet, oily, and non-porous surfaces: sandpaper, concrete, bricks, glass, metal, plastic, wood, etc., •Stronger tip lasts 50% longer than the standard fine point tip •Rubber barrel and cap design makes cap easy to remove when wearing gloves •Reinforced oval shaped barrel is designed to withstand dents and will not roll off flat surfaces •Versatile chisel tip allows for 2 distinctive line widths: broad or fine •Quick drying, AP certified non-toxic ink formula •Available in 2 colours

Part No. 34801-SH, Black.
Part No. 34802-SH, Red.

SHARPIE® MAGNUM®

•Industrial strength for big marking jobs •Marks on wet and oily surfaces •Durable aluminum barrel and felt tip stand up to heavy use •Special water resistant ink formula dries quickly •Oversized felt chisel tip for extra wide, highly visible lines on corrugate, wood, metal, foil, stone, plastic, leather, and more •Extra-large ink supply for big projects •2 colours

Part No. 44001-SH, Black.
Part No. 44002-SH, Red.

SHARPIE RETRACTABLE PERMANENT MARKERS

Same great Sharpie ink, now in a retractable marker that allows easy one-handed operation! •No cap to remove or lose •Safety Seal™ Valve design prevents dry out •Permanent on most hard-to-mark surfaces •Quick drying, AP certified non-toxic ink formula •3 colours

Part No. 32721-SH, Black.
Part No. 32722-SH, Red.

Sharpie®
PERMANENT MARKER

GENPACK

Markers

"THE PUMPER" VALVE ACTION PAINT MARKER

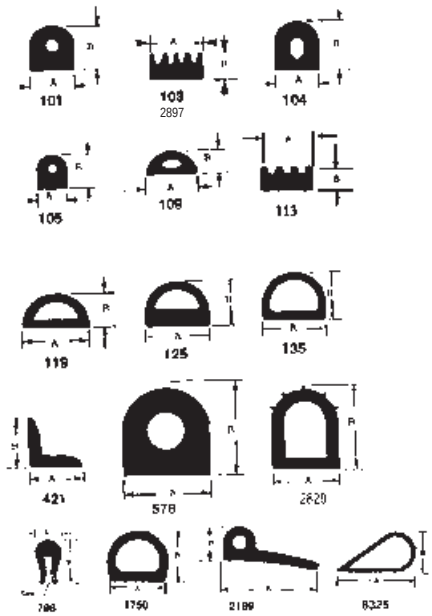
Available in a variety of colours, these paint markers come with an extra tip in the cap. Ideal for most surfaces. Dries in minutes. 12/box.

Part No. 04010012, White.
Part No. 04010013, Yellow.
Part No. 04010014, Black.
Part No. 04010015, Red.
Part No. 04010016, Blue.
Part No. 04010017, Green.
Part No. 04010018, Silver.
Part No. 04010019, Gold.

CLEAN SEAL PRODUCTS

Weatherstripping

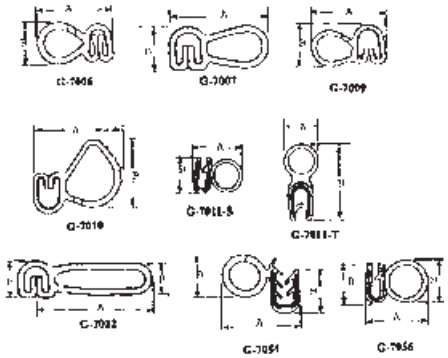
Clean Seal weatherstrippings are a closed cell sponge extrusion which are available in different shapes and sizes. These extrusions are available in EPDM, silicone, and neoprene materials. This product uses a pressure sensitive adhesive for a wide variety of applications including door jambs, and lid and cap closures. See the charts below for styles, sizings, and part numbers.
**Sold by the foot.



PART NUMBER	STYLE	DIMENSION A (inches)	DIMENSION B (inches)	MATERIAL	ROLL QUANT.
101H3-500	101	.50	.50	EPDM	500 ft.
103H3-500L	103	.625	.375	EPDM	500 ft.
104H3-500	104	.50	.50	EPDM	500 ft.
105H3-500	105	.375	.438	EPDM	500 ft.
109H3-500L	109	.61	.36	EPDM	500 ft.
113H3-500	113	.375	.188	EPDM	500 ft.
119H-500	119	.75	.37	EPDM	500 ft.
125H3-350	125	.75	.592	EPDM	350 ft.
135H3-300	135	.75	.5625	EPDM	300 ft.
421P-SP	421	.62	.62	Neoprene	500 ft.
576H2-200	576	1.0	1.0	Neoprene	200 ft.
2828B-P200	2828	.875	1.0	Neoprene	200 ft.
798P-SP	798	.37	.56	EPDM	500 ft.
1750H3-250	1750	.825	.76	EPDM	250 ft.
2199P-200	2199	1.25	.50	EPDM	200 ft.
2897H3-500	2897	.50	.312	EPDM	500 ft.
8325T-300	8325	.50	.25	Silicone	300 ft.

Clean Grip

Looking for a way to secure decorative trims and/or functional seals and gaskets without adhesives, screws, or rivets? Clean Grip is one of the easiest and fastest trims to install on the market today. The heart of the Clean Grip system is a continuous flexible steel core. Clean Grip simply grips the flange providing a professional, simple, and low cost method to attach seals, gaskets, or decorative trims. This product is available in a variety of designs to fit most needs.
**Sold by the foot.



PART NUMBER	STYLE	DIMENSION A (inches)	DIMENSION B (inches)	ROLL QUANT.
G7006-500	G7006	1.25	.65	500 ft.
G7007-500	G7007	1.45	.60	500 ft.
G7009-500	G7009	1.20	.70	500 ft.
G7010-250	G7010	1.60	1.30	250 ft.
G7011-S-500	G7011-S	.80	.55	500 ft.
G7011-T-500	G7011-T	.50	1.10	500 ft.
G7022-250	G7022	2.0	.70/.60	250 ft.
G7054-300	G7054	1.275	.65/.725	250 ft.
G7056-500	G7056	1.0	.55/.675	500 ft.

DOR-TITE™

Automotive Weatherstrip

DOR-TITE is an industrial quality product used to seal out air, salts, or dust, to reduce vibrations, rattles and is resistant to most chemicals (make test before using). Can also be used for routine gaskets usage applications. Open cell sponge rubber self adhesive weather stripping "used by professionals for the past 30 years".

Part No. 803-DT, 3/8" x 5/32" x 10 ft. roll.
Part No. 804-DT, 3/8" x 5/16" x 10 ft. roll.
Part No. 805-DT, 3/8" x 7/16" x 10 ft. roll.
Part No. 806-DT, 3/4" x 5/32" x 10 ft. roll.
Part No. 807-DT, 3/4" x 5/16" x 10 ft. roll.
Part No. 808-DT, 3/4" x 7/16" x 10 ft. roll.
Part No. 809-DT, 3/8" x 5/32" x 200 ft. roll.
Part No. 810-DT, 3/8" x 5/16" x 100 ft. roll.
Part No. 818-DT, 3/4" x 5/32" x 100 ft. roll.
Part No. 819-DT, 3/4" x 5/16" x 50 ft. roll.
Part No. 820-DT, 3/4" x 7/16" x 50 ft. roll.
Part No. 821-DT, 1" x 5/32" x 100 ft. roll.

Industrial Tapes

REGULAR ELECTRICAL PVC TAPE
-7°C, regular PVC tape. 3/4" width.
Part No. REG-33, 33 ft. roll.
Part No. REG-66, 66 ft. roll.

COLD WEATHER ELECTRICAL PVC TAPE
-18°C, cold weather PVC tape. 3/4" width x 66 ft. roll.
Part No. CW-66.

3M SCOTCH™ SUPER 33+ VINYL PLASTIC ELECTRICAL TAPE
7-mil, suited for all weather, resistant to oil, water, wear, chemicals, and solvents. 3/4" x 66 ft. roll.
Part No. 06132.

3M SCOTCH™ SUPER 88 COLD WEATHER VINYL PLASTIC ELECTRICAL TAPE
For use in cold weather applications. 3/4" x 66 ft. roll.
Part No. 06143.

3M TEMFLEX™ VINYL PLASTIC ELECTRICAL TAPE
7-mil, flame retardant, resistant to moisture and abrasion. 3/4" x 66 ft. roll.
Part No. 6140.

3M TARTAN™ VINYL PLASTIC ELECTRICAL TAPE
7-mil, flame retardant, resistant to moisture and abrasion. 3/4" x 66 ft. roll.
Part No. 05487.

COLOURED PVC TAPE
3/4" x 66 ft. roll. 5 colours to choose from.
Part No. COL66-WHI, White.
Part No. COL66-YEL, Yellow.
Part No. COL66-BLU, Blue.
Part No. COL66-GRN, Green.
Part No. COL66-RED, Red.

3M SCOTCH™ ELECTRICAL MOISTURE SEALANT
Quick and easy method of moisture-proofing electrical connections. Protects against vibration, road grime, and abrasion.
Part No. 06147, 2½" x 10 ft. roll.
Part No. 06149, 2½" x 2½" patch.

WRAP 'N SEAL AUTOMOTIVE TAPE
Bonds without adhesive by stretching onto itself thus forming a rubber covering. Self fusing for waterproofing and insulating electrical connections. Suitable for use at not more than 600V as primary insulation and not more than 80°C. Strong and durable rubber construction allows this tape to thrive in tough conditions as a seal/protective covering. Non-sticky to the touch. Versatile. 3/4" x 22 ft. roll.
Part No. 66-9972EA.

SCOTCH™ 2242 LINERLESS SPLICING COMPOUND
Designed to offer ultimate in protection of electrical wiring and connectors from shorts and failures caused by moisture and corrosion.
Part No. 06165, ¾" x 15 ft. roll.

SILVER DUCT TAPE
Standard silver duct tape. 60 yard rolls. 5 widths available.
Part No. DUC-1, 1".
Part No. DUC-1-1/2, 1½".
Part No. DUC-2, 2".
Part No. DUC-3, 3".
Part No. DUC-4, 4".

PREMIUM SILVER DUCT TAPE
Contractor grade, 2" x 60 yard roll.
Part No. PDUC-2.

3M SCOTCH™ TRANSPARENT DUCT TAPE
Makes your repairs less obvious. It will not fall apart in extreme temperatures and harsh UV conditions. Lasts 6 times longer than other ordinary duct tapes. 2" x 20 yard roll.
Part No. 83260.

COLOURED DUCT TAPE
2" x 180 ft. rolls. Choose from 8 colours.
Part No. PC-600BK, Black.
Part No. PC-600WH, White.
Part No. PC-600RD, Red.
Part No. PC-600GN, Green.
Part No. PC-600YE, Yellow.
Part No. PC-600BL, Blue.
Part No. PC-600OR, Orange.
Part No. PC-600BR, Brown.

POL-E-MAX™ #738 POLY DUCT TAPE
This is a silver polyethylene backed pressure sensitive adhesive tape with a natural rubber based adhesive. The adhesive is aggressive and will adhere well to a variety of surfaces. Silver coloured, the thick backing layer does not contain any cloth reinforcements but is strong and flexible. An excellent substitute for cloth duct tape, the polyethylene layer is much thicker than traditional duct tapes providing a superior physical barrier against moisture or vapour transmission. It is well suited for temporary and permanent applications such as: bundling and wrapping; patching and repairs; sealing; bonding dissimilar materials. Easy to tear by hand. 2" x 60 yard roll.
Part No. PMAX-2.

GENERAL GRADE MASKING TAPE
60 yard roll.
Part No. MAS-1/2, 1/2".
Part No. MAS-3/4, 3/4".
Part No. MAS-1, 1".
Part No. MAS-2, 2".
Part No. MAS-3, 3".

PREMIUM GRADE MASKING TAPE
60 yard roll.
Part No. PRE-3/4, 3/4".
Part No. PRE-1, 1".
Part No. PRE-2, 2".

AMERICAN BODY SHOP PREMIUM HIGH TEMP MASKING TAPE
60 yard roll.
Part No. PG27-3/4, 3/4".
Part No. PG27-1, 1".
Part No. PG27-1-1/2, 1½".
Part No. PG27-2, 2".

3M SCOTCH™ 233+ AUTOMOTIVE REFINISH MASKING TAPE
55 m roll.
Part No. 26334, 3/4".
Part No. 26336, 1".
Part No. 26338, 1½".
Part No. 26340, 2".
Part No. 26341, 3".
Part No. 26343, 1/8".
Part No. 26344, 1/4".

3M SCOTCH™ 233 AUTOMOTIVE REFINISH MASKING TAPE
Part No. 6364, 3/4" x 55 m roll.

LIGHT DUTY FLAGGING TAPE
Light duty poly flagging tape. 1" x 600 ft. roll.
Part No. ORAP, Orange.
Part No. YELP, Yellow.
Part No. BLUP, Blue.

MEDIUM DUTY PREMIER FLAGGING TAPE
Medium duty premier flagging tape. 1" x 150 ft. roll.
Part No. OF3V, Fluorescent orange.
Part No. BF3V, Fluorescent blue.
Part No. LF3V, Fluorescent lime.
Part No. PF3V, Fluorescent pink.
Part No. RF3V, Fluorescent red.
Part No. WR6, White with red stripe.
Part No. WB3, White with blue stripe.

ARCTIC FLAGGING TAPE
Arctic flagging tape. 1" x 120 ft. roll.
Part No. OF6V, Fluorescent orange.
Part No. BF6V, Fluorescent blue.
Part No. LF6V, Fluorescent lime.
Part No. PF6V, Fluorescent pink.
Part No. YF6V, Fluorescent yellow.
Part No. GF6V, Fluorescent green.
Part No. RR6V, Red.
Part No. YY6V, Yellow.
Part No. OB6V, Orange with black stripe.
Part No. PB6V, Pink with black stripe.

REINFORCED FLAGGING TAPE
1" x 300 ft. roll. Orange.
Part No. FT-300.

WARNING TAPE
2" x 36 yard roll yellow/black PVC adhesive warning tape. Complies with O.S.H.A. colour marking requirements. Superior resistance to high temperature.
Part No. HVMT-YE/BK.

ATHLETIC TAPE
General purpose cotton cloth tape with a black rubber based adhesive. For applications including athletics, such as taping ankles and wrists, hockey sticks and pads, baseball bats, etc. White, black, or clear shinpad tape.
Part No. 21042, 1" x 18 yard roll white hockey tape.
Part No. 21048, 1" x 24 yard roll white hockey tape.
Part No. 21012, 1¼" x 12 yard roll white hockey tape.
Part No. 21014, 1½" x 13 yard roll white hockey tape.

Part No. 21142, 1" x 18 yard roll black hockey tape.
Part No. 21148, 1" x 24 yard roll black hockey tape.
Part No. 21112, 1¼" x 12 yard roll black hockey tape.
Part No. 21114, 1½" x 13 yard roll black hockey tape.

Part No. 31048, 1" x 30 yard roll clear polyethylene shinpad tape.

EAGLE PICHER
Floor Dry®

EASY TO APPLY... Eagle Picher Floor Dry is a superior diatomite absorbent, easy to apply and economical too, since it can be spread by hand or scoop in a minimum amount of time. It absorbs floor spills immediately, Floor Dry goes to work absorbing "right now", leaving a dry safe floor which can help eliminate costly employee accidents.

LIKE A SPONGE... Observed under a microscope, these uniquely shaped diatomite granules look like tiny sponges. They're also light like sponges. Typically, Floor Dry will absorb nearly its own weight in water or oil. This sponge-like quality makes Floor Dry a powerful ally in handling your absorbent needs.

FLOOR DRY... Out-performs most mineral sorbent competitors and passes the Liquid Release Test (LRT) with larger quantity of liquid absorbed.
Part No. FD85N, 20 lb. poly bag.

SPC
Sorbent Products

ENV™ OIL SORBENTS — CONTRACTOR GRADE — MAXX TECHNOLOGY

Economical pads, rolls, and booms for oil clean-up on land or water.
•Oil only sorbent equally effective on land or water •Repels water and floats indefinitely - even when saturated •Efficient single ply construction •MAXX means greater performance without the extra weight •Ideal for marine applications where low cost and high absorption capacity is desired: •Emergency spill response •Off shore spills •A low cost industrial alternative

PART NO.	STYLE	SIZE	DESCRIPTION
ENV100	PAD	Pack of 100, 15" x 19"	Economy, heavy weight
ENV300	PAD	Pack of 100, 15" x 19"	Economy, medium weight
ENV500	PAD	Pack of 100, 15" x 19"	Economy, light weight NEW
ENV200	PAD	Pack of 200, 15" x 19"	Economy, light weight, double coverage
ENV810	BOOM	8" x 10 ft.	Economy with blue sleeve, lint free
ENV150	ROLL	30" x 150 ft.	Medium weight, value roll

SXT™ INDUSTRIAL OIL SORBENT

Premium extra-tough oil only pads.
•High performance, oil only sorbent made to handle petroleum based spills •Remains intact even when saturated •Spunbond coverstock on both sides offers: -Maximum durability and very low linting - Both abrasion resistant and non abrasive performance (ideal for workstations involving the wipe down of tools or component parts) - The extra strength required for the wringing and re-using of sorbents •Perforated to help you use only what you need •Ideal for applications where low linting is required: •High tech industries •Pharmaceutical •Machining of small parts •Paper industry •Food processing

PART NO.	STYLE	SIZE	DESCRIPTION
SXT100	PAD	Pack of 100, 15" x 19"	Full size, heavy weight perfed pad
SXT200	PAD	Pack of 200, 15" x 19"	Full size, light weight perfed pad NEW

SPC™ OIL SORBENTS — MAXX TECHNOLOGY

Industry standard pads, rolls, booms, for oil clean-up on land or water.
•Convenient and cost-effective •Hydrophobic nature makes it ideal for outdoor applications •Heavier and bonded to enhance strength and reduce linting •Dimpled and perforated, single ply sorbents •MAXX means greater performance without the extra weight •Applications: •Spill response and clean up •Off shore or ship board spills •Outdoor industrial applications where lint is not a concern

PART NO.	STYLE	SIZE	DESCRIPTION
SPC100	PAD	Pack of 100, 15" x 19"	Heavy weight, dimpled and perfed
SPC200	PAD	Pack of 200, 15" x 19"	Light weight, dimpled and perfed, double the coverage
SPC500	PAD	Pack of 100, 15" x 19"	Light weight, dimpled and perfed NEW
SPC810	BOOM	8" x 10 ft.	Strong, lint-free, booms with no gaps
SPC150	ROLL	38" x 144 ft.	Heavy weight and dimpled

OIL PLUS™

Superior performing oil only white dimpled pads and rolls for industry.
A 3-ply dimpled material notable for its low linting, thickness and strength. It is equally effective in absorbing oil and petroleum fluids and will not pick up water or water-based liquids. Suitable for industrial and environmental applications, Oil Plus is perforated to permit the use of precisely the right amount of material — whatever the job. Easily disposed of, Oil Plus is incinerable and leaves less than .02% ash.

PART NO.	STYLE	SIZE	DESCRIPTION
OP100	PAD	Pack of 100, 15" x 19"	Full size, heavy weight perfed pad
OP15	ROLL	15" x 150 ft.	Heavy weight, new efficient width
OP30	ROLL	30" x 150 ft.	Heavy weight, full size blanket

SPC
www.sorbentproducts.com

All-new "MAXX™" technology – maximizes absorbency and minimizes waste. Pads perform significantly better than their pre-MAXX versions: ENV offers an average increase in absorbency of 37% , GP has an average increase of 39% and SPC an average increase in absorbency of 22%. MAXX delivers greater strength and absorbency in a more cost-effective product.

GP™ UNIVERSAL SORBENTS — MAXX TECHNOLOGY

For economical general purpose maintenance.
•This economical, general purpose sorbent offers the look and feel as well as the performance of a premium product •Universal in nature so it absorbs basically all fluids (water, petroleum and chemical based) •Efficient single ply construction •Made with MAXX for greater performance without the extra weight •Applications: •Machine shop •Refineries •Transportation maintenance •Steel manufacturing •Paper mills •Just about anywhere you have a leak, drip or spill

PART NO.	STYLE	SIZE	DESCRIPTION
GP100	PAD	Pack of 100, 15" x 19"	Full size pad, heavy weight
GP200	PAD	Pack of 200, 15" x 19"	Economy weight, double coverage
GP500	PAD	Pack of 100, 15" x 19"	Economy weight NEW
GP30	ROLL	30" x 150 ft.	Wide area coverage

MRO PLUS™

The new standard in all-purpose grey dimpled maintenance sorbents.
This is highly effective for clean-up and removal of oil and water-based liquids. A three-ply, grey dimpled material combining thickness, strength and high absorbency, low-linting MRO Plus is suitable for virtually any industrial application. MRO Plus contributes to economy, too. Perforation permits use of precisely the right amount, and the product's dirt-masking grey colour fosters longer use before disposal. Incineration residue of MRO Plus is less than .02% ash.

PART NO.	STYLE	SIZE	DESCRIPTION
MRO100	PAD	Pack of 100, 15" x 19"	Full size, heavy weight perfed pad
MRO300	PAD	Pack of 100, 15" x 19"	Medium weight pad
MRO15	ROLL	15" x 150 ft.	New efficient heavy weight width
MRO15-DPS	ROLL	15" x 73 ft.	Heavy weight refill for Spill Kaddie
HT555	ROLL	15" x 150 ft.	Heavy weight, 300 pads per roll, dispenser box
MRO30	ROLL	30" x 150 ft.	Heavy weight, full-size blanket

UNIVERSAL PLUS™

Green dimpled chemical sorbent for hazardous materials clean-up.
A specially developed chemical sorbent with properties that make it ideal for hazardous liquid clean-up. A surfactant-treated polypropylene, Universal Plus absorbs 16 times its weight in chemicals, water or oil. Versatile and cost-effective, Universal Plus can be used on a wide range of chemicals, including acids and caustics. It is chemically inert, so it will not react with aggressive fluids. Leaves only .02% ash. The product's green colour — the universal symbol for safety — indicates that it is intended for use on hazardous materials.

PART NO.	STYLE	SIZE	DESCRIPTION
UN1113	PAD	Pack of 50, 12" x 12"	Handy refillable dispenser box
UN1719	PAD	Pack of 100, 15" x 19"	Full size perfed pad
UN1019	ROLL	15" x 150 ft.	Perfed every 9" and up centre

MAXX CHEMICAL SORBENTS — MAXX TECHNOLOGY

Yellow value sorbent enhanced with MAXX Technology - an ideal choice for all your chemical applications
•MAXX means greater performance without the extra weight •Colour coded yellow for safety and easy separation of hazardous waste •Product will not react with aggressive fluids •For use where hazardous chemicals and acids are involved: •Nuclear power facilities •Chemical spill response units •Labs and hospitals •Any industry utilizing aggressive fluids

PART NO.	STYLE	SIZE	DESCRIPTION
CH1212	PAD	Pack of 50, 12" x 12"	Handy refillable dispenser box
CH100	PAD	Pack of 100, 15" x 19"	Full size perfed pad
CH15P	ROLL	15" x 150 ft.	Perfed every 18"
CH30DP	ROLL	30" x 150 ft.	Perfed every 15" and up centre

NEW

SPC
www.sorbentproducts.com

All-new "MAXX™" technology – maximizes absorbency and minimizes waste. Pads perform significantly better than their pre-MAXX versions: ENV offers an average increase in absorbency of 37%, GP has an average increase of 39% and SPC an average increase in absorbency of 22%. MAXX delivers greater strength and absorbency in a more cost-effective product.

Sorbent Products

SLIKWIK® SOCS™

For routine spill containment and control.

PART NO.	STYLE	SIZE	DESCRIPTION
SW46	Slikwik® SOC	3" x 42"	For quick, dependable, corncob-filled SOC, pick-up of all but aggressive fluids
OIL412	Oil Only	3" x 4 ft.	Specialized oil-only polypropylene SOC for
OIL124	SOC	3" x 12 ft.	use against oil and petroleum based spills
AW412	Allwik®	3" x 4 ft.	All-purpose maintenance polypropylene SOC
AW124	SOC	3" x 12 ft.	suitable for most industrial applications
HAZ412	Hazwik®	3" x 4 ft.	The SOC filled with chemical resistant
HAZ124	SOC	3" x 12 ft.	polypropylene preferred when aggressive fluids are a problem
MS50	Multiwik™ SOC	3" x 4 ft.	A wringable SOC filled with universal polypropylene product for non-aggressive fluids

SLIKWIK® PILLOWS

Stop spills at the source.

PART NO.	STYLE	SIZE	DESCRIPTION
OIL1818	Oil Only	18" x 18"	Used in waste troughs
OIL99	PILLOW	9" x 9"	
AW1818	Allwik®	18" x 18"	For absorption of oil, water, and chemicals
AW99	PILLOW	9" x 9"	
HAZ1818	Hazwik®	18" x 18"	Intended for use with hazardous materials
HAZ99	PILLOW	9" x 9"	

SPC INDUSTRIAL RUGS

For high traffic areas and workstations — makes workplace safe.
Sorbent Industrial Rug (SIR™) is made of durable needlepunched polypropylene fibres. Absorbs ten to twelve times its weight in oil, water, or chemicals, prevents slippery areas and eliminates unsightly tracking between plant and office. Can stand up to the most aggressive chemicals.

PART NO.	STYLE	SIZE	DESCRIPTION
SIR36	RUG ROLL	36" x 300 ft.	Sorbent Industrial Rugs (SIR™); best seller for most applications
RAG36150	RUG ROLL	36" x 150 ft.	Rag Rug; absorbent and durable, recycled fibres

TRACKMAT™

The ultimate barrier sorbent for high volume petroleum spills.
Originally developed for use between and outside railroad tracks, it's not just for railroads anymore. Still known as the most absorbent barrier mat available, it is now widely used by transportation companies, utilities, refineries, steel mills and in other environments in which a high absorbency barrier is required. It is quickly becoming the barrier of choice for indoor and outdoor locations where high absorbency and retention of petroleum based fluids is a must.

PART NO.	STYLE	SIZE	DESCRIPTION
TM58	ROLL	58" x 80 ft.	Fits between standard rails
TM19	ROLL	19" x 80 ft.	Fits outside standard rails

DRAIN COVER

Protect drains from potential hazards. Neoprene/SBR drain cover. 36" x 36". Part No. DRAINCOVER.

(May not be exactly as illustrated.)

SORBENT CENTRE

A better way to store and access sorbents
•Fill your Sorbent Centre with just about any SPC sorbent you need •Holds up to 38" roll and full bales of product •Hang it on the wall or place it under your workbench •Buy two or three to make a custom sorbent cabinet •Optional accessories available •Applications: •Sorbent deployment station •Mobile spill control unit •Extension of your bin system and managed inventory program
Part No. SC-3000, Cabinet only.
Part No. SC-4, Set of 5 casters.
Part No. SC-ACC, Accessory pack. Includes goggles, disposal bags and emergency handbook.
Part No. SC-MB, Wall mounting bracket.
Part No. SC-2COVER, Sorbent centre cover.
Part No. SC-D15, 15" dowel rod.
Part No. SC-D40, 40" dowel rod.

Introducing the Sorbent Center

Product Not Included

Spill Kit Types:
"SKO" — Oil Only
These kits are specialized for oil and other petroleum-based spills. Oil only sorbents will not absorb water and will float indefinitely. SPC's oil only products are equally effective in soaking up petroleum-based solvents and paints, vegetable oils and other non-water soluable chemicals.
"SKA" — Allwik®
These kits contain all-purpose sorbents to clean up oils, coolants, solvents, and water based fluids.
"SKH" — Hazwik®
These kits contain sorbents that can be used on a wide range of chemicals, including hydrofluoric acid and are chemically inert, so they will not react with aggressive fluids.

Portable Spill Kits

ECONOMY SPILL KIT™
Highly visible yellow PVC bag is "just right" for small spills. The right price, the right size and the right value.
Absorbs up to 5 gallons. Contents:
•10 pads, 15" x 19"
•2 SOCs, 3" x 4 ft.
•Nitrile gloves
•1 disposal bag
•Instruction sheet
Part No. SKO-PP, Oil Only Economy Spill Kit.
Part No. SKA-PP, Allwik® Economy Spill Kit.
Part No. SKH-PP, Hazwik® Economy Spill Kit.

ATTACK PAC™
Efficient, space saving, single use kit, packed in puncture and UV resistant foil bag. Hang anywhere from grommet.
Absorbs up to 7 gallons/kit. Contents:
•15 pads, 15" x 19"
•3 SOCs, 3" x 4 ft.
•Goggles
•Nitrile gloves
•1 disposal bag
Part No. SKO-ATK, Oil Only Attack Pac.
Part No. SKA-ATK, Allwik® Attack Pac.
Part No. SKH-ATK, Hazwik® Attack Pac.

EMERGENCY SPILL SAK™
Easily portable economy spill kit packed in reusable stuff sack.
Absorbs up to 10 gallons. Contents:
•10 pads, 15" x 19"
•2 SOCs, 3" x 12 ft.
•1 pillow, 18" x 18"
•Nitrile gloves
•1 disposal bag
Part No. SKO-SAK, Oil Only Spill Sak.
Part No. SKA-SAK, Allwik® Spill Sak.
Part No. SKH-SAK, Hazwik® Spill Sak.

Drum Spill Kits

6.5 GALLON SPILL BUCKET
Extremely accessible spill kit in a reusable bucket. For small response.
Absorbs up to 9 gallons. Contents:
•10 pads, 15" x 19"
•3 SOCs, 3" x 4 ft.
•2 disposal bags
•Nitrile gloves
•Instruction sheet
Part No. SKO-BKT, Oil Only Spill Bucket.
Part No. SKA-BKT, Allwik® Spill Bucket.
Part No. SKH-BKT, Hazwik® Spill Bucket.

20 GALLON OVERPACK
UN approved water and chemical resistant polyethylene Lab Pack container with screw top lid for small to medium response.
Absorbs up to 16 gallons. Contents:
•12 pads, 15" x 19"
•3 SOCs, 3" x 12 ft.
•2 pillows, 18" x 18"
•Goggles
•Nitrile gloves
•3 disposal bags
Part No. SKO-20, Oil Only Overpack.
Part No. SKA-20, Allwik® Overpack.
Part No. SKH-20, Hazwik® Overpack.

55 GALLON DRUM
Open and close this lever locked 55 gallon drum for fast response. Drum meets UN specifications. For medium spill response.
Absorbs up to 40 gallons. Contents:
•50 pads, 15" x 19"
•4 SOCs, 3" x 12 ft.
•8 pillows, 18" x 18"
•Goggles
•Nitrile gloves
•5 disposal bags
•Emergency response handbook
Part No. SKO-55, Oil Only 55 Gallon Drum.
Part No. SKA-55, Allwik® 55 Gallon Drum.
Part No. SKH-55, Hazwik® 55 Gallon Drum.

95 GALLON OVERPACK
Tough, secure and highly visible, this top quality screw topped overpack drum meets UN and DOT specifications. For larger spill response.
Absorbs up to 82 gallons. Contents:
•100 pads, 15" x 19"
•12 SOCs, 3" x 4 ft.
•8 SOCs, 3" x 12 ft.
•8 pillows, 18" x 18"
•Goggles
•Nitrile gloves
•10 disposal bags
•Emergency response handbook
Part No. SKO-95, Oil Only 95 Gallon Overpack.
Part No. SKA-95, Allwik® 95 Gallon Overpack.
Part No. SKH-95, Hazwik® 95 Gallon Overpack.

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SPC
Sorbent Products

Mobile Spill Kits

SPILL KADDIE
Mobile, compact Emergency Spill Kit is for fast spill response or maintenance mess prevention anywhere in the plant.
Absorbs up to 22 gallons. 18"L x 17"W x 39"H. Contents:
•1 15" x 73" roll (200 7½" x 9" pads)
•5 SOCs, 3" x 4 ft.
•8 pillows, 9" x 9"
•Goggles
•Nitrile gloves
•5 disposal bags
•Emergency response handbook
Part No. SKO-K2, Oil Only Spill Kaddie.
Part No. SKA-K2, Allwik® Spill Kaddie.
Part No. SKH-K2, Hazwik® Spill Kaddie.

LARGE 42" SPILL TRUCK
Large and Extra Large polyethylene boxes are chemical and water resistant. Wheel mounted for maximum mobility, spill trucks provide the highest level of readiness.
Absorbs up to 113 gallons.
42"L x 29"W x 32¼"H.
Contents:
•100 pads, 15" x 19"
•24 SOCs, 3" x 4 ft.
•12 SOCs, 3" x 12 ft.
•8 pillows, 18" x 18"
•Goggles
•Nitrile gloves
•5 disposal bags
•Emergency response handbook
Part No. SKO-LT, Oil Only 42" Spill Truck.
Part No. SKA-LT, Allwik® 42" Spill Truck.
Part No. SKH-LT, Hazwik® 42" Spill Truck.

EXTRA LARGE 48" SPILL TRUCK
Absorbs up to 178 gallons.
48"L x 44"W x 29¼"H.
Contents:
•150 pads, 15" x 19"
•36 SOCs, 3" x 4 ft.
•20 SOCs, 3" x 12 ft.
•6 pillows, 18" x 18"
•Goggles
•Nitrile gloves
•30 disposal bags
•Emergency response handbook
Part No. SKO-XLT, Oil Only 48" Spill Truck.
Part No. SKA-XLT, Allwik® 48" Spill Truck.
Part No. SKH-XLT, Hazwik® 48" Spill Truck.

DEVCON® PRODUCTS
Spill Control Products

MAGIC SORB™ SUPER CONCENTRATED SORBENTS
A blend of inert, inorganic and geologically unique minerals. Magic Sorb is a non-dusting formula that contains no hazardous ingredients. It has extraordinary capacity to quickly pick up oils, mineral acids (except for hydrofluoric acid), caustics, paints, and solvents. Magic Sorb's small particle size ensures residue removal, cleans spills instantly and completely, and greatly reduces hazardous waste costs.
Part No. 48000, 25 lb. bag.
Part No. 48050, 7 lb. Mitey-Pak dispenser container.
Part No. 48100, 3" diameter x 42" long Magic Sorb Sock.

ABSORBENT W SORBENTS
Made from a 100% natural wood pulp by-product. This product is designed to contain and control oil-based liquids while repelling water. Liquid is drawn into the cellulose fibers through capillary action, therefore it will not leach or drain. Features of this product include: 100% recycled material, floats on water even when fully saturated, absorbs immediately on contact, works in freezing temperatures, non-abrasive, anti-static, and Green Cross certified.

Part No. 48240, 10 qt. bag.
Part No. 48230, 50 qt. bag.
Part No. 48225, 4" diameter x 10 ft. Mesh Boom.
Part No. 48235, 8" diameter x 10 ft. Mesh Boom.
Part No. 48315, 17" x 17" Mesh Pillow.
Part No. 48365, Case of 100, 16" x 20" x 1/4" Natural Fibre Pads.

ABSORBENT GENERAL PURPOSE SORBENTS
Contain and control liquid spills ranging from oil and solvents to water and chemicals. Liquids are locked into the cellulose fibers, preventing leaching and handling problems. Ideal for industrial clean-up activities. Features include: 100% recycled material, non-abrasive, anti-static, absorbs immediately on contact, works in freezing temperatures, and Green Cross certified.
Part No. 48490, 25 qt. bag.
Part No. 48291, 3" diameter x 42" Sock.
Part No. 48250, Case of 100, 16" x 20" x 1/4" Pads.
Part No. 48345, 32" x 150 ft. x 1/4" Natural Roll.

GENERAL PURPOSE TRUCKER SPILL KIT
Designed to equip your vehicles in the event of a minor spill. Compact and lightweight, this kit will enable you to contain and secure the area.
Contains: 1- 3" diameter x 8 ft. Absorbent GP Sock, 6 - 16" x 20" x 1/4" Absorbent GP Pads, 1 - disposal bag, 1 - pair disposable gloves
Part No. 48485.

ACTION-PAK EMERGENCY SPILL KIT
Designed for multi-purpose applications and versatility. Contains product for ready response to hazardous liquid spills in both marine and industrial sectors. Contains: 1 - 24 gallon water resistant storage container, 2 - 4" x 10 ft. Absorbent W Booms, 2 - 4" diameter x 4 ft. Absorbent W Socks, 2 - 8" x 17" Absorbent W Pillows, 3 - 10 qt. bags Absorbent W Particulate, 3 - 24" x 48", 4 mil disposal bags, 2 - pairs disposable gloves
Part No. 48435.

TRANSPORTER EMERGENCY SPILL KIT
Designed for easy mobility around the workplace. The 50 gallon wheeled container carries spill control products quickly to the spill site and can handle up to 250 pounds of waste material on the way back from the emergency site. The contents of the kit come in a sturdy, weather resistant container with a fasten-down lid. Contains: 1 - 50 gallon mobile wheeled container, 2 - 3" diameter x 8 ft. Absorbent GP Socks, 2 - 3" diameter x 4 ft. Absorbent GP Socks, 2 - 17" x 17" Absorbent GP Pillows, 2 - 50 qt. bags Absorbent GP Particulate, 10 - 16" x 20" x 1/4" Absorbent GP Natural Fibre Pads, 1 - detachable shovel, 1 - detachable broom, 3 - pairs disposable gloves and disposable coveralls, 1 - pair safety goggles, 4 - particle masks, 4 - 24" x 48", 4 mil disposal bags
Part No. 48440.

Section J

MRO Chemicals & Janitorial Supplies

Look!
Fresh out of the crate!!
What's New In this Section?
We've highlighted new-product lines in this section with a "New" logo.
Please Note: Many existing product lines have been expanded and may not be listed on this quick index.
FRAGILE
HANDLE WITH CARE
Product Line
Crown Mats & Matting ..... J47 - J49
Sprayon Industrial Maintenance Cleaners ..... J62 - J64
Section J
Gregg Distributors Ltd.

WD-40

The Five Basic Functions

Cleans: WD-40 gets under dirt, grime and grease to clean. It also dissolves adhesives, allowing easy removal of labels, tape, stickers, and excess bonding material.
Displaces Moisture: Because WD-40 displaces moisture, it quickly dries out electrical systems to eliminate moisture-induced short circuits.
Penetrates: WD-40 loosens rust to metal bonds and frees stuck, frozen or rusted metal parts.
Lubricates: WD-40 finds and lubricates squeaks in hard to get at mechanisms. Because WD-40 is silicone free, there's no messy, gummy residue.
Protects: WD-40 protects metal surfaces with corrosion resistant ingredients to shield against moisture and other corrosive elements.

Part No. 01005, 155 gram aerosol can WD-40
Part No. 01011, 311 gram aerosol can WD-40
Part No. 01032, 311 gram Big Blast aerosol can WD-40
Part No. 01010, 3.785 litre can WD-40
Part No. 01118, 205 litre drum WD-40
Part No. 01000, Empty spray applicator

WD-40 Big Blast Can: •Current WD-40 formula in a can designed to cover big areas fast •Wide spray pattern and high velocity spray rate for Total Coverage •Great for spraying down auto parts, wheel rims, farm implements, shovels, chain gates, wheelbarrows, snow blowers, engines, lawn mowers, grease and road tar on motor vehicles.

JJJ/3870

TRI-FLOW™
Penetrating Lubricant

Penetrates - deep and fast. Solvents in Tri-Flow wash away dirt, corrosion and other contaminants permitting faster and deeper penetration on frozen assemblies.
Superior Lubrication - premium parafinic oils, extreme pressure additives and Teflon provide superior performance and service life.
Protects - by displacing moisture. Helps prevent icing and inhibits corrosion.
Reduces - abrasive build-up. Tri-Flow solvents wash away contaminant accumulation. Teflon and premium oils leave no heavy residue to attract dirt, dust, sand, etc.
Resists - rust and corrosion. Corrosion inhibitors protect against rust and corrosion under the most extreme conditions...ie: high humidity, salt spray, etc.

Part No. TF-1, 170 gram aerosol can Tri-Flow penetrating lubricant w/ extension tube
Part No. TF-2, 340 gram aerosol can Tri-Flow penetrating lubricant w/ extension tube
Part No. TF-3, 532 ml spray bottle Tri-Flow penetrating lubricant
Part No. TF-4, 3.78 litre jug Tri-Flow penetrating lubricant

JJJ/2935

FLUID FILM®
Lubricant

Fluid Film® is a non-toxic, long lasting penetrant, lubricant, and corrosion preventive. Its formulation has been used for over fifty years in the highly corrosive marine environment of ships and offshore drilling rigs. Fluid Film's unique molecular action derived from wool wax (lanolin) provides positive protection. Its penetrating and protective properties start working immediately. Long lasting, economical, will not dry out or evaporate. Provides long term protection. Use on: conveyors, bearings, rollers, gears, slides, hinges, chains, pulleys, wood, pumps, and any metal parts requiring lubrication and protection from rust.
Part No. 1450, 145 g aerosol Fluid Film
Part No. 3300, 333 g aerosol Fluid Film
Part No. 3700, 3.79 litre non-aerosol Fluid Film pump bottle refill
Part No. 4300, 20 litre pail Fluid Film (auto, truck, equipment undercoating)

Environmentally Friendlier!
(no solvents)

AEROLEX™ DRY LUBRICANT
Unique molybdenum disulphide aerosol lubricant with excellent adhesion, penetration, and lubricating qualities. Aerolex forms a thin, dry black coating for superior anti-friction and anti-seize properties. 313 gram aerosol can.
Part No. CS-1.

B-LUBE PLUS BELT DRESSING
Penetrates belts to keep them flexible and help prevent cracking. B-Lube Plus does not collect dirt, dust, or lint as well as waterproofs your belts. Use on round, V, and flat belts made of leather, rubber, or fabric. 313 gram aerosol can.
Part No. CS-2.

CHEM-SLICK LUBRICANT
A multi-purpose lubricant spray developed for solving most sticking and friction problems. Chem-Slick leaves superior, invisible lubrication with excellent release agent properties. 325 gram aerosol can.
Part No. CS-3.

CONQUEST POLYMERIC RUST CONVERTER
Stops rust and chemically converts existing rust into a moisture-free black protective barrier preventing future rusting. Conquest is easy to use — just brush, roll, or spray on surface to be treated. When dry, Conquest makes an excellent primer and may be painted. 1 litre can.
Part No. CS-4.

EZE-WAY PENETRANT
Used for quick, easy release of nuts, bolts, and fittings without a fire hazard and will free most parts within seconds even when bolts are countersunk. Special aerosol allows all-position spraying. 454 gram aerosol can.
Part No. CS-5.

GEX OPEN GEAR LUBRICANT
An extra tacky formulation which lasts longer and leaves a strong adhesive film that continually re-lubricates gear surfaces to eliminate dry or bare spots. Gex does not drip, sling off, melt, dry out, or build up between gear teeth. 400 gram aerosol can.
Part No. CS-6.

HY-ZINC™ COLD GALVANIZING
A highly concentrated zinc metal finish that becomes an integral part of metal to prevent rust and corrosion. 568 gram aerosol can.
Part No. CS-7.

LUBE-SAN LUBRICANT
Designed for use on food plant equipment. Lube-San won't sling off or break down even in water, steam, or under heavy loads. 354 gram aerosol can.
Part No. CS-8.

LUBREASE® CHAIN & CABLE LUBRICANT
Increases the life of your chain and cable by penetrating into the core of the wire or hemp type cables and flows freely into chain links. Lubrease reduces friction, displaces water, is non-corrosive, and lubricates hard-to-reach places. 368 gram aerosol can.
Part No. CS-9.

MET-KOOL™ CHEMICAL CUTTING FLUID
Combines lubrication and chemical cooling action for faster and more convenient cutting operations. Met-Kool is excellent for threading, tapping, or drilling operations and for manual pipe threading on the job. 368 gram aerosol can.
Part No. CS-10.

META-LOX™ METALLIC PATCHING COMPOUND
2-part kit. Meta-Lox epoxy metallic patching compound consists of (part A) 629 gram and (part B) 454 gram in a kit. Mixes and applies like putty and hardens and wears like steel. Meta-Lox bonds to wet or dry surfaces and molds to any shape or size, smooths off easily with water. Meta-Lox is resistant to acids, alkalis, and solvents and holds up under impact and abrasion.
Part No. CS-11.

NC-123 PLUS DEMOISTURIZING COMPOUND
For electrical equipment. A non-conductive and a stable way to improve electrical connections where components are exposed to moisture. Great for use on batteries, brushes, commutators, contacts of large and small motors. Also works well on ignition systems and printed circuit boards. 312 gram aerosol can.
Part No. CS-12.

QUICK CURE™ REPAIR COMPOUND.
This is a steel filled repair compound for repair jobs on equipment, machinery, pipes, and fixtures. Quick Cure's steel filled epoxy compound can be drilled, filed, painted, sanded, tapped, or threaded and it withstands vibration, heavy loads and high impacts. 120 gram stick.
Part No. CS-13.

RUSTORE™ COATING
A heavy duty coating for metal surfaces stored outdoors and exposed to the ravages of weather. Rustore's protective barrier withstands adverse temperatures and weather changes including salt water, heat, snow, and acid rain. Excellent for use in almost any industry such as machine shops, auto shops, construction, oil and gas industry, and grounds care equipment. 369 gram aerosol can.
Part No. CS-14.

TEL-X DRY LUBRICANT & RELEASE AGENT
Sprays away most sticking and friction problems and leaves a smooth, quick drying, slick surface. Works well on applications that include plastics, metals, leather, rubber, wood, glass, and paper. Tel-X is a dry, non-staining, non-conductive, colourless and odourless product that repels water, oil, dirt, and dust. 311 gram aerosol can.
Part No. CS-15.

THREAD-EZE™ ANTI-SEIZE & LUBRICATING COMPOUND
Protects metal parts under extreme pressures and sustained temperatures up to 1204°C. Thread-Eze reduces friction and wear and decreases seizure, corrosion, pitting, galling, and thread distortion.
Part No. CS-16, 425 gram aerosol can.
Part No. CS-17, 1 lb. brush-top can.

YIELD™ RELEASE AGENT
Frees nuts, bolts, and fittings within seconds. Yield cleans grease, dust, dirt, and sludge — also loosens rust and prevents further corrosion. Penetrates deeply to free countersunk threads for reuse. 340 gram aerosol can.
Part No. CS-19.

MAXI-LUBE LUBRICANT
Multi-purpose, heavy load, extreme pressure, high temperature lubricant. Resists breakdown; maintains a constant film of protection in high heat, under high pressure, and even in water washout conditions. Inhibits rust and corrosion. Black.
Part No. CS-20, 397 gram cartridge.
Part No. CS-21, 22 kg pail.

VOLTZ™ II SAFETY SOLVENT
A synthetic safety solvent for use in parts washers. Voltz II's powerful formula dissolves the heaviest grease and won't harm plastics. Formulated to reduce frequent solvent changeouts it stays on surfaces longer to clean more effectively and reduce condensation. 27 litre pail.
Part No. CS-27.

CHEMSEARCH

INSULATING VARNISHES — AEROSOL

RED Insulating Varnish - Thoroughly penetrates old and new materials, air dries faster than most insulating aerosols. Provides good adhesion, high arc resistance and non-tracking properties. Use as Class F varnish system, has dielectric strength up to 2100 VPM, oil resistance per ASTMD-115-55. 432 gram aerosol can.
Part No. 00601.

RED Epoxy Insulation Enamel - Ideal for coating end turns on electrical windings exposed to extreme moisture and corrosive conditions. Outstanding chemical resistance properties. Leaves a smooth enamel surface that sheds dirt readily and resists acids, alkalis, salts, chemicals, oil, and moisture. Dielectric strength: 1100 VPM. 340 gram aerosol can.
Part No. 66650.

CLEAR Insulating Varnish - Thoroughly penetrates old and new materials, air dries faster than most insulating varnishes. Provides high adhesion, high arc resistance and non-tracking properties. Use as Class F insulating and has dielectric strength to 2100 VPM. 340 gram aerosol can.
Part No. 00600.

NON OZONE-DEPLETING CLEANERS — AEROSOL

N.O.D. Safety Cleaner and Degreaser - Designed for fast, effective removal of dirt, oil, grease, wax, and tar on electrical equipment. For use on non-energized equipment, leaves no residue and has dielectric strength of 16,800 VPM. 425 gram aerosol can.
Part No. 00749.

N.O.D. Contact Cleaner - This heavy duty degreaser is a quick drying cleaner that is ideal for sensitive equipment and precision instruments. 312 gram aerosol can.
Part No. 02302.

HI-TECH CIRCUIT COOLER — "FREEZE SPRAY"

Circuit Cooler - Instantly chills circuits down to -52°C. An excellent trouble-shooter, exposing defective electrical parts, connections and intermittence due to heat induced failure. Eliminates humming noises in electronic circuits caused by dust, dirt, and foreign particles. 425 gram aerosol can.
Part No. 2003C.

CLEAR ACRYLIC— AEROSOL

Clear Acrylic - Forms a crystal-clear film which preserves, protects, and waterproofs metal surfaces against rust, corrosion, tarnish, fungus, chemicals, vegetable oils, mineral oils, and greases. Also protects wood, paper, and leather. 319 gram aerosol can.
Part No. 02000.

SILICONE & SPECIALTY LUBRICANTS — AEROSOL

All-Purpose Silicone Lube - This superior, long lasting lubricant is compatible with most surfaces and will not attack most plastics. Eliminates friction and sticking, protects against corrosion and oxidation with an invisible film that repels water and is not affected by temperature changes.
Part No. 00206, 284 gram aerosol can.
Part No. 00100, 312 gram aerosol can White Lithium Lube
Part No. 00200, 312 gram aerosol can Dry Moly Lube
Part No. 00201, 369 gram aerosol can Heavy Duty Open Gear/Wire Rope Lube
Part No. 00202, 340 gram aerosol can Chain and Pin Bushing Lube
Part No. 00204, 284 gram aerosol can Dry Graphite Lube
Part No. 00208, 340 gram aerosol can Cutting Oil

P.D.R.P.® LUBRICANTS — AEROSOL & BULK

These Penetrants, Demoisturants, and Rust Preventatives are designed to solve specific problems, indoors and out. High quality oils and films meet a host of stringent requirements, (including military) and extend the life of your valuable equipment while saving labour and downtime.
Part No. 00711, 340 gram aerosol can "The Protector" lubricant
Part No. 71101, 3.78 litre "The Protector" lubricant
Part No. 71105, 18.9 litre pail "The Protector" lubricant

TEFLON® + LUBRICANTS — AEROSOL

These products blend Teflon®, lubricating fluids, and additives to meet stringent performance requirements.
Part No. 00708, 284 gram aerosol T.F.E. Dry Lube
Part No. 00727, 369 gram aerosol Q.T.L. Wet Lube

FOOD GRADE SILICONE LUBE — AEROSOL

5% silicone formula. Will not attack delicate surfaces such as styrene or urethane. Uses: slides, guide rails, knives, slicers, saws, grinders, dough mixers, guards, conveyors, food racks, ovens, bottling machines, heat sealing equipment, all food and drug processing equipment. USDA H-1 rated.
Part No. 00210, 284 g aerosol can Food Grade Silicone Lube

FOOD GRADE MACHINERY OIL — AEROSOL

Penetrates and loosens rust, dirt, scale and corrosion. Works on paint, metal, plastic and wood. Silicone free formula. USDA H-1 rated.
Part No. 00700, 340 g aerosol can Food Grade Machine Oil

RUST BREAKER™ PENETRANT — AEROSOL & BULK

Quickly loosens rust while penetrating grease and dirt. Transparent, non-staining oil. For releasing rusted or frozen lugs and bolts, lubricating tight fitting parts, general overhaul, repair work, food plant equipment.
Part No. 00103, 340 g aerosol can "Rust Breaker™"
Part No. 10301, 3.78 litre jug "Rust Breaker™"
Part No. 10305, 18.9 litre "Rust Breaker™"

MOLD RELEASE AGENTS — AEROSOL

N.O.D. Mold Release Products meet high performance standards and are non ozone-depleting. All feature fast evaporation, little or no odour, no CFCs, HCFCs or chlorinated solvents.
340 gram aerosol cans.
Part No. 00302, General Purpose Mold Release
Part No. 00305, Heavy Duty Silicone Mold Release
Part No. 00307, Heavy Duty Paintable Mold Release
Part No. 00309, Paintable Mold Release
Part No. 00311, Dry Film Vydax® Mold Release
Part No. 00303, Food Grade Silicone Mold Release and Lubricant
Part No. 00314, Paintable Lecithin Mold Release

MISCELLANEOUS PRODUCTS — JANITORIAL, SPECIALTY MAINTENANCE

Part No. 00757, 454 g aerosol can Citrus Cleaner and Degreaser
Part No. 00880, 538 g aerosol can General Purpose Cleaner
Part No. 00885, 482 g aerosol can Stainless Steel Cleaner
Part No. 00888, 510 g aerosol can Glass Cleaner
Part No. 00702, 340 g aerosol can Engine Degreaser

Part No. 00738, 340 g aerosol can Welders' Stainless Steel Protective Coating
Part No. 00739, 454 g aerosol can Brite Zinc Cold Galvanizing Compound
Part No. 00740, 454 g aerosol can Zinc-Rich Cold Galvanizing Compound
Part No. 74000, .946 litre can Zinc-Rich Cold Galvanizing Compound
Part No. 74001, 3.78 litre can Zinc-Rich Cold Galvanizing Compound
Part No. 74005, 13.23 litre pail Zinc-Rich Cold Galvanizing Compound

Part No. 00602, 340 g aerosol can Ultra Blue Layout Dye
Part No. 00603, 340 g aerosol can Blue Layout Fluid
Part No. 00606, 361 g aerosol can Layout Fluid Remover

Part No. 00607, 312 g aerosol can Belt Dressing
Part No. 00615, 425 g aerosol can Heavy Duty Paint & Gasket Cement Remover
Part No. 00620, 318 g aerosol can Anti-Seize & Lubricating Compound

Part No. 00737, 312 g aerosol can Synthetic Modified Dry Lubricant
Part No. 00767, 312 g aerosol can Long Term Indoor Protectant & Lubricant
Part No. 00777, 312 g aerosol can Long Term Outdoor Protectant & Lubricant

PREMIUM PORTABLE HAND SPRAYER

JJJ/2150

Pro Pump & Spray

VARIO VITON PUMP & SPRAY

•Compressed Air (Maximum Operating Pressure 62 psi) & Manual Operation
•Manufactured from "polyamid" with "viton" seals, ideal for use with most: •Corrosive Liquids - brake cleaners (may not be suitable for all non-chlorinated brake cleaners) •Rust Penetrants and •Cleaners and Removers. "VITON" rubber is highly resistant to a wide range of chemicals, and mineral oils containing sulphur. It is not resistant to formulas containing Methyl, Ethyl, Ketone, and/or silicones.
Part No. 50400, 1.69 Quart/ 1.6 L.

PRO PUMP & SPRAY

Manufactured from "polyamid" with "viton" seals, ideal for use with most: •Corrosive Liquids - brake cleaners (may not be suitable for all non-chlorinated brake cleaners) •Rust Penetrants and •Cleaners and Removers
Part No. 50100, 1 litre hand sprayer, 0.75 litre working capacity.
Part No. 50170, Viton repair kit (O-rings, seals, and nozzle) for #50100.
Part No. 50190, 30 cm extension for #50100.

BESSEY TOOL

JJJ/2890

Cutting Fluids

NEW RAPID TAP METAL CUTTING FLUID

•Proven on the job to work better •Super fine machined finish •Extra effective on tough materials such as aluminum, beryllium, brass, bronze, cast iron, copper, iconel, magnesium, molybdenum, stainless steel, and stellite •Non-WHMIS, environmentally friendly •Non-toxic and non-flammable •No 1, 1, 1 Trichloroethane •Ozone friendly
Part No. CRS0101004, 114 ml can
Part No. CRS0102016, 455 ml can
Part No. CRS010304L, 4 litre can
Part No. CRS010405G, 20 litre pail

OPTION 1 METAL CUTTING FLUID

•Water based •Effective in all machining operations, on all metals except those that are water reactive such as magnesium •Use for tapping, drilling, milling, turning, broaching, reaming, and sawing •Biodegradable; no oil content •No chlorine, no sulphur, non-toxic formula •Non-WHMIS, environmentally friendly
Part No. CRO0151004, 118 ml can
Part No. CRO0152016, 455 ml bottle
Part No. CRO015301G, 4.5 litre jug
Part No. CRO015405G, 20 litre pail

A-9 ALUMINUM CUTTING FLUID

•Attaches to aluminum surface forming an extreme pressure boundary lubricant between tool and work •Eliminates scuffing and gouging •Leaves a surface requiring only ordinary cleaning for subsequent processing •For tapping, drilling, boring, milling, turning, broaching, reaming, and sawing aluminum •May be used on other metals •Non-WHMIS, environmentally friendly
Part No. CA90101004, 118 ml can
Part No. CA90102016, 455 ml can
Part No. CA9010301G, 3.78 litre jug
Part No. CA9010405G, 20 litre pail

BESSEY

DARK & LIGHT THREAD METAL CUTTING FLUIDS

•Specifically for thread cutting, it is designed to be efficient — speeding up metal removal •Reduces friction to prolong tool life; leaves a clean, burr-free thread •Forms a tough film for use on a wide variety of materials; suitable for cast iron, black iron, wrought iron, brass, copper, stainless steel, aluminum, galvanized and steel pipe •Non-clogging, easily pumped for automatic machine use •Light thread cutting oil remains transparent on surface
Light Thread
Part No. CO1016TC01, 1 US gallon jug
Part No. CO1016TC05, 5 US gallon pail

Dark Thread
Part No. CO1014TC01, 1 US gallon jug
Part No. CO1014TC05, 5 US gallon pail

RIDGID

RID/3343

Thread Cutting Oil

RIDGID

THREAD CUTTING OIL

•Cools threads and pipe during operation •Speeds metal removal •Improves thread quality
Ridgid thread cutting oils are free of chlorine and other halogens, PCBs and heavy metals.
Dark Oil — Traditional mineral oil with low odour and anti-mist formulation.
Nu-Clear® Oil — Clear mineral oil with low odour and anti-mist formulation. Special low temperature properties maintain workable viscosity to -29°C.
Extreme Performance Oil — High performance mineral oil formulated to produce superior quality threads on stainless steel and black pipe.

SIZE	PART NO. NU-CLEAR	PART NO. DARK	PART NO. EXT. PEFORMANCE
0.94 L	41565	41590	74007
3.78 L	70835	70830	74012
18.9 L	41575	41600	74047
16 oz.	-	-	22088 Aerosol

RIDGID®

ANTI-SEIZE COMPOUNDS

Kopr-Kote High Temperature Anti-Seize Compound
•Copper flakes and graphite •water resistant grease base •anti-oxidants, rust and corrosion inhibitors •will not run, drip or settle out
Part No. JL-1, 225 ml brush top bottle.
Part No. JL-10, 1 litre pail.
Part No. JL-100, 5 litre pail.
Part No. JL-1000, 15 litre pail.

Marine Kopr Copper Anti-Seize Compound
•Manufactured to exacting marine specifications with highly water resistant aluminum complex •fortified with anti-oxidants and corrosion inhibitors for marine conditions
Part No. MAR-JL-1, 225 ml brush top bottle.
Part No. MAR-JL-10, 450 ml brush top bottle.

SS-30 Pure Copper High Temperature Anti-Seize Compound:
•High copper content, no lead or graphite •excellent conductivity •non-melting, non-volatile grease base •will not harden, separate, settle out, or dry •contains anti-oxidants and corrosion inhibitors
Part No. JL-2, 225 ml brush top bottle.

Nikal Pure Nickel High Temperature Anti-Seize Compound:
•Pure nickel flake, no lead, copper, or graphite •protects against rust and corrosion •will not run, drip, or settle out •strong resistance to water washoff
Part No. NK-1, 225 ml brush top bottle.

THREAD SEALANTS

TF-15 Thread Sealing Compound
•Contains PTFE and molybdenum disulfide, and rust, corrosion, and oxidation inhibitors •water resistant and non-hardening •resists H2S and salt water
Part No. TF-15, 225 ml brush top bottle.
Part No. TUBE-TF-15, 250 ml squeeze tube.
Part No. TF-15-10, 1 litre container.

TFW™ Multi-Purpose Sealant with PTFE
•Non-hardening, non-toxic sealant for sealing and protecting threaded connections •Low coefficient of friction allows tight makeup with low torque and breaks out easily without damaging threads •Can be used on steel, aluminum, brass, copper, iron, reinforced fibreglass, PVC, CPVC and ABS threaded connections •For pipes carrying: Acids (dilute), natural gas, hydraulic oil, cutting oils, kerosene, steam, LP gases, freons, caustics (dilute), air, inert gases, etc.
Part No. TFW-1, ½ pint brush-top can.
Part No. TFW-10, 1 pint brush-top can.
Part No. TFW-100, 1 US gallon pail.
Part No. TFW-1000, 5 US gallon pail.

V-2 Multi-Purpose Thread Sealant
•Soft setting •non-petroleum based •water resistant, non-staining •contains PTFE and natural fillers •non-toxic
Part No. V2-1, 225 ml brush top bottle.
Part No. V2-10, 1 litre pail.

No. 60 Lead Seal Compound
•Lead base thread sealant •high lead content •resists vibration, expansion or contraction •prevents metal-to-metal seizure
Part No. 60, 225 ml brush top bottle.
Part No. 60-10, 1 litre container.

HIGH PRESSURE THREAD COMPOUND

API-15 Modified High Pressure Thread Compound:
•Contains rust and oxidation inhibitors blended into Jet-lube's unique grease, compounded from custom-refined low-sulphur oil to ensure brushability over a wide temperature range, tenacious adherence to thread surfaces, resistance to water washout, and prevention of rust and corrosion •will seal and withstand pressures to 69,000 kPa (10,000 psi) and will not harden or dry
Part No. API-15, 15 kg pail.

E.P. GREASES

Ap-5 High Temperature Grease With Molybdenum Disulfide - Black
•premium Grade Lubricant •molybdenum Disulfide, Rust And Corrosion Inhibitors •will Not Melt, Drip, Or Run Off •waterproof
Part No. AP5-1, 400 Gram Disposable Grease Gun Cartridge.
Part No. AP5-5, 1 Litre Pail.
Part No. AP5-10, 5 Litre Pail.

AP-1 High Temperature Multi-Purpose Grease - White
•Multi-purpose white grease •zinc oxide non-volatile grease base •high and low temperature capabilities •waterproof, will not melt
Part No. AP1-1, 400 gram disposable grease gun cartridge.

CB-2 Super-Lith Multi-Purpose Grease
•Multi-purpose amber grease •resistant to heat, water, oxidation •lithium 12 hydroxystearate base •highly adhesive to metal •protects against rust and corrosion
Part No. CB2-1, 400 gram disposable grease gun cartridge.

#202 Moly-Lith Multi-Purpose Grease
•Contains micro-fine molybdenum disulfide particles •lithium 12 hydroxystearate base •resistant to heat, water, oxidation •superior metal adhesion
Part No. 202-1, 400 gram disposable grease gun cartridge.

White Lithium Multi-Purpose Grease with Teflon
•Contains PTFE •all-purpose grease •resists heat, water, and oxidation •prevents rust and corrosion •very adhesive
Part No. WLG-1, 400 gram disposable grease gun cartridge.
Part No. WLG-2, 369 gram aerosol can.

Arctic™ Extreme Service Grease
•Is particularly suitable for use in extreme cold environments such as cold rooms, cold storage lockers, ice plants, and on refrigeration or cold storage equipment •it will resist such environmental contact as humidity, ice, and road salts without hardening, washing off, or deteriorating •it has an amber colour, and no solid additives such as graphite, moly disulfide, or zinc oxide •effective winter or summer •rust, corrosion and water resistant •extremely resistant to salt spray •service rating: -54°C to 107°C
Part No. ALTG-1, 400 gram disposable grease gun cartridge.

LUBRICANTS/SEALANTS

RuFF Heavy-Duty Rust & Corrosion Inhibitor
Rust Free Film (RuFF) •Designed for use where there is high water and salt spray environments •RuFF is formulated using natural products •It contains no solvents, is non-toxic and environmentally safe to use •It will not dry, crack or evaporate, providing superior protection for extended periods of time •RuFF may be used to provide long term protection on steel from rust and corrosion for a variety of industrial, marine, aviation and oilfield applications •Long lasting impervious barrier •Protects from moisture •Scuff resistant •Forms a tough waxy film •Penetrates and lubricates
Part No. RUFF, 340 g aerosol
Part No. RUFF9-20, 20 litre thinner grade
Part No. RUFF9-205, 205 litre thinner grade
Part No. RUFF21-20, 20 litre thicker grade
Part No. RUFF21-205, 205 litre thicker grade

MP-50 Low Friction Moly Paste
•High percentage of moly •lowers friction and prevents stick-slip
Part No. MP-50, 225 ml brush top bottle.

Moly-Mist Dry Film Lubricant
•Non-corrosive •quick dry bonding •highly tenacious dry film lubricant will not attract dirt, dust, snow, etc.
Part No. MM-1, 340 gram aerosol can.

CC Lube Multi-Purpose Semi-Synthetic Lubricant
•Clear, odourless, non-toxic, non-staining, non-drying •prevents rust, corrosion •extremely water resistant •contains PTFE •biodegradable
Part No. CCL-1, 400 gram disposable grease gun cartridge.

JET-LUBE®

JET-LUBE
Industrial Products

LUBRICANTS/SEALANTS

TF-500 Lubricating Sealant
•High percentage of PTFE •can be applied on operating equipment
Part No. TF-500-1, 454 gram disposable grease gun cartridge.

Gear Guard Premium Paste Lubricant
•Graphite and E.P. additive •contains molybdenum disulfide •highly tenacious •lowers operating temperatures •will not melt or pound off
Part No. GG-1, 340 gram aerosol can.

OG-H Open Gear Lubricant
•Graphite and E.P. additive •contains molybdenum disulfide •highly tenacious •lowers operating temperatures •will not melt or pound off
Part No. OGH-1, 400 gram disposable grease gun cartridge.

WLD™ Wire Line Dressing, Cable and Open Roller Chain Lubricant
•Penetrates, removes moisture, and lubricates •prevents rust and corrosion •will not throw or run off •does not attract dirt or dust
Part No. WLD-1, 340 gram aerosol can.

AX-2 Valve Lubricant
•A non-melting, water resistant grease which contains rust and corrosion inhibitors •has a high working stability, excellent metal adhesion, and superior storage life
Part No. AX-2-55, 55 litre keg.
Part No. AX-2-180, 180 kg barrel.

FOOD GRADE PRODUCTS

FMG Food Machinery Grease
•Premium USDA H-1 authorized and Agriculture Canada approved food-grade grease •contains a bacteriostatic agent to retard bacteria and fungus •recommended for the lubrication of roller, needle, ball, journal and sliding bearings
Part No. FMG-14, 14 oz. cartridge.

Food Grade Silicone
•Stops sticking, squeaking and binding of moving parts •will not gum or form unwanted residues •use on equipment such as chutes, guides, conveyors, bottling machinery, slicers, ovens, knives, saws, etc.
Part No. FGS-12, 12 oz. aerosol can.

PENETRANTS & COATINGS

12/34 Lubricant and Penetrant
•Economical •contains no fluorocarbon or silicone •non-evaporating •non-conductive •chemically stable •never hardens or dries out
Part No. 12/34, 340 gram aerosol can.
Part No. 12/34-4L, 4 litre jug.

Rust Guard™ Corrosion Inhibitor
•Economical •forms a dry, waxy film •contains no fluorocarbon •protects for up to 24 months •will not crack or peel off •blue transparent colour •prevents rust and corrosion •non-flammable •non-evaporating •penetrates deeply and removes moisture
Part No. RG-1, 312 gram aerosol can.

Z-Plate™ Zinc Rich Galvanize
•Prevents rust and corrosion •equal to hot dip galvanizing •95% pure zinc •durable and flexible metal coating •quick drying
Part No. ZP-1, 419 gram aerosol can.

Renew™ Belt Dressing
•Prevents belt slippage •increases traction •stops squeaks and squeals •water resistant •extends belt life •will not glaze or collect dirt or dust •increases power up to 50% •removes residual build-up
Part No. RNW-1, 340 gram aerosol can.

CLEANERS & DEGREASERS

Jet-Lube 5000™ Water Based Cleaner and Degreaser
•Multi-purpose cleaner/degreaser •ozone friendly •environmentally safe
Part No. JL5000-1, 473 ml trigger spray bottle.

Clean-Up™ Industrial Cleaner & Safety Solvent
•Low odour •non-flammable •penetrates quickly •residue, acid, and alkaline free •low foaming •29kv dielectric strength
Part No. CU-2-1, 426 gram aerosol can.

OILFIELD PRODUCTS

LBX-Special Thread Compound
•Contains no lead or zinc •brushability and stability over a wide temperature range •CZ-EX® Extreme Pressure Additive protects against seizing and galling •protects against rust and corrosion •sticks to wet joints
Part No. LBX-15, 15 litre pail.

JET-LUBE®

SNOOP
Leak Detectors

SNOOP LIQUID LEAK DETECTOR

•Sustained bubble action works even on very small leaks and vertical surfaces •Bubble size indicates approximate leak rate •Flexible snooper tube extends for hard-to-reach areas •Non-toxic, non-corrosive, non-flammable formula •Does not contain chlorine, aliphatic amines, or ammonium compounds •Dries clean without staining
WARNING: Use Snoop liquid leak detector only on external surfaces. Do not use on internal surfaces.

Part No. MS-SNOOP-8OZ, 8 oz bottle with 12" snooper tube.
Part No. MS-SNOOP-GAL, 1 gallon jug.

REAL COOL SNOOP LIQUID LEAK DETECTOR

•Sustained bubble action works at temperatures as low as -54°C even on very small leaks and vertical surfaces •Will not freeze at sub-zero temperatures •Bubble size indicates approximate leak rate •Flexible snooper tube extends for hard-to-reach areas •Non-flammable formula •Does not contain chlorine, aliphatic amines, or ammonium compounds •Dries clean without staining
WARNING: Use Real Cool Snoop liquid leak detector only on external surfaces. Do not use on internal surfaces.

Part No. MS-RC-SNOOP-8OZ, 8 oz bottle with 12" snooper tube.
Part No. MS-RC-SNOOP-GAL, 1 gallon jug.

THREAD SEAL TAPE

TEFLON THREAD SEALANT

The ideal sealant for threaded pipe connections, valve stems, hydraulic pressure lines, etc. This rugged, inert and highly resistant tape is impervious to steam, salt water, air, refrigerants, fuels, acids and alkalies, solvents and gases. Temperature rating of -240°C to 260°C.

Part No. TST-1, 1/2" x 180" roll Teflon Thread Seal Tape
Part No. TST-2, 3/4" x 180" roll Teflon Thread Seal Tape
Part No. TST-3, 1" x 180" roll Teflon Thread Seal Tape
Part No. TST-4, 1/2" x 540" roll Teflon Thread Seal Tape
Part No. TST-5, 3/4" x 540" roll Teflon Thread Seal Tape
Part No. TST-6, 1" x 540" roll Teflon Thread Seal Tape
Part No. TST-7, 1/2" x 480" economy roll Thread Seal Tape
Part No. TST-8, 3/4" x 480" economy roll Thread Seal Tape
Part No. TST-9, 1" x 480" economy roll Thread Seal Tape

YELLOW GAS THREAD SEAL TAPE

1/2" x 240" PTFE gas thread seal tape, used for all threaded connections involving gas line installations for natural gas, propane, butane or for water, oil, and chemicals. Yellow colour for instant identification with the gas code. 3,000 psi rating with an indefinite shelf life.
Part No. 904-128.

DOCAP

Water & Gas Thread Sealant Tape

PINK WATER SEALANT TAPE

This high density thread seal tape is used for joints in pipe, not exceeding 1-1/2". Pink in colour to identify line for water use, but tape is also compatible with, gasoline, petroleum oils, propane, butane naptha, benzene, kerosene and natural gas.
Part No. EC-PST-1, 1/2" x 260".

YELLOW GAS SEALANT TAPE

This high density thread seal tape is used for joints in pipe not exceeding 1-1/2". Yellow in colour to identify line for gas use, but tape is also compatible with gasoline, petroleum oil, propane, butane naptha, benzene, kerosene and natural gas.
Part No. EC-YST-1, 1/2" x 260".

UNASCO

Thread Sealing Tape

GAS SEAL TAPE - YELLOW

•The original, colour-coded, maximum density, Teflon® thread sealing tape developed specially for the gas industry •Provides an impenetrable barrier to gases •Holds higher pressures - not subject to cold flow or collapse •Will not string or shred •Fewer wraps required •Length: 260".
Part No. YST-1, 1/2" width.
Part No. YST-2, 3/4" width.
Part No. YST-3, 1" width.

PLUMBERS & PIPE FITTERS THREAD SEAL TAPE - PINK

•A colour-coded, maximum density, Teflon® thread sealing tape developed specially for the plumbers and pipe fitters •Provides an impenetrable barrier to gases •Wide temperature range - 260°C to 260°C •Suitable for metal or plastic pipes and fittings •Will not string or shred •Fewer wraps required •Unasco water seal tape is superior to liquid thread sealants •Length: 540".
Part No. PST-1, 1/2" width.
Part No. PST-2, 3/4" width.
Part No. PST-3, 1" width.

OXYGEN THREAD SEAL TAPE - GREEN

•A colour-coded, maximum density, Teflon® thread sealing tape developed specially for use on oxygen pipelines, cylinders, storage vessels, pumps, compressors, etc. in high or low pressure applications •Suitable for oxygen systems and other gases •Provides an impenetrable barrier to oxygen at pressures up to 200 bar •Wide temperature range -268°C to 260°C •Will not string or shred •Fewer wraps required •Unasco green seal tape is superior to liquid thread sealants •Length: 480".
Part No. GST-9, 1/4" width.
Part No. GST-2, 1/2" width.
Part No. GST-5, 3/4" width.
Part No. GST-8, 1" width.

YUKON GOLD

JJJ/3805

Economy Ice Melt

Part No. YG-5, 5 kg jug Yukon Gold economy ice melt
Part No. YG-10, 10 kg bag Yukon Gold economy ice melt
Part No. YG-20, 20 kg bag Yukon Gold economy ice melt

•Melts down to -31°C •Penetrates ice fast •Powerful formula •Made from natural ingredients •Won't harm concrete or vegetation when used as directed

PELADOW

JJJ/3130

Ice Melt

Try PELADOW Calcium Chloride Pellets, the fastest acting deicer known to man. Features:

1. Peladow melts more ice faster, no matter what the temperature. It melts over one-and-a-half times as much as rock salt in thirty minutes at -9°C, and nearly twice as much as SAFE STEP Ice Melter.
2. Beyond working faster, Peladow works when the others can't. It's effective to -32°C while the others quickly lose their ability to melt below -6°C.
3. Unlike the others, Peladow doesn't leave a white, powdery residue. You don't create a cleaning problem as you solve your snow and ice problem.
4. Laboratory research proves that compared to other deicers, Peladow calcium chloride pellets are the easiest on concrete.
5. Peladow works for a long time. Even a solution with just 20% of the deicer is effective down to -20°C.
6. Because Peladow is so much more effective, you can use less, less often. You can reduce deicer expenses and application labour... while getting safer surfaces faster.
7. When used as directed, Peladow will not harm vegetation.

Part No. PEL-1-10, 10 kg polybag Peladow ice melt
Part No. PEL-1-50, 50 lb. polybag Peladow ice melt

J-B® WELD

JJJ/2569

J-B WELD

J-B Weld is remarkably easy, convenient, and inexpensive alternative to welding, soldering, and brazing. J-B Weld will bond to virtually any clean, dry surface including: iron, steel, copper, aluminum, brass, bronze, pewter, porcelain, ceramic, marble, glass, concrete, fiberglass, wood, some plastics, and many more. When mixed in equal portions at room temperature, J-B Weld will set in 4-6 hours, and cure in 16-24 hours. J-B Weld is waterproof, petroleum, chemical, and acid resistant when fully cured. It can be drilled, tapped, machined, filed, sanded, and painted. J-B Weld is superstrong, nontoxic, and temperature resistant up to 600°F.
Part No. 8265-S.

J-B KWIK

Though not as strong as J-B Weld, J-B Kwik is perfect for need-to-fix-it-fast repairs at home, on the farm, or in the shop. When mixed in equal portions at room temperature, J-B Kwik will set in 4 MINUTES, and cure in 4-6 hours. Use J-B Kwik on iron, steel, copper, aluminum, brass, bronze, pewter, porcelain, ceramic, marble, glass, concrete, fiberglass, wood, some plastics, and other clean, dry surfaces. J-B Kwik is waterproof, petroleum, chemical, and acid resistant. It can be drilled, tapped, machined, filed, sanded, and painted. J-B Kwik is nontoxic, and temperature resistant up to 300°F.
Part No. 8276.

J-B STIK

J-B Stik Weld is a hand kneadable, steel-reinforced epoxy putty adhesive/sealant that will plug holes and make permanent repairs on wet and dry surfaces. It will even cure completely submerged in water or Gasoline! Simply knead thoroughly, with your fingers, a portion necessary for the repair and apply. J-B Stik will fully cure in 20-30 minutes and can be drilled, tapped, machined, filed, sanded, and painted. J-B Stik requires no tools or "preptime", and makes no mess.
Part No. 8267-S.

WATER WELD

This epoxy putty will plug holes and make permanent repairs in moist-surface or under water applications. Water Weld will even repair leaking fuel tanks! Simply pull off the amount of Water Weld necessary for the job, knead it with your fingers until the two colours are thoroughly mixed, then push the product into the hole. Water Weld will fully cure in 20-30 minutes and can be drilled, tapped, machined, filed, sanded, and painted. Nontoxic and approved by the National Sanitation Foundation for use with potable water.
Part No. 8277.

INDUSTRO WELD - is J-B Weld in an economical shop size package containing two 5 oz. tubes.

Professionals in many industries use Industro Weld to fix, bond or fill - in the shop, factory, and field. Industro Weld makes strong, permanent repairs where conventional welding is not possible or practical. Since it is the same product as J-B Weld it can be drilled, tapped, machined, filed, sanded, and painted.
Part No. 8280.

MARINE WELD

Formulated like J-B Weld, Marine Weld is as strong as steel, and is water and weather proof. It's impervious to saltwater, chemicals, oil, acids and other corrosive materials. Marine Weld will bond to virtually any clean, dry surface including: iron, steel, copper, aluminum, brass, bronze, pewter, porcelain, ceramic, marble, glass, concrete, fiberglass, wood, some plastics, and many more. Mix at room temperature, Marine Weld will set in 4-6 hours, and cure in 16-24 hours.
Part No. 8272.

MIRROR WELD

J-B Mirror Weld will not become brittle or break loose when subjected to UV light, shock, or vibration.
Mirror Weld is not just another "super glue" product.
It is specially formulated in a two part kit - accelerator and adhesive to maximize the holding strength of the mirror bracket to the windshield.
Part No. 8278.

PERM-O-SEAL

Seals holes in radiator, water jacket, and cylinder heads. This nontoxic mixture of seven organic ingredients is easy to use, and beneficial to your cooling system. Pour into your radiator while engine is running. Perm-O-Seal speeds through the water channels, seeks out holes, and swells shut as soon as it comes into contact with air. Makes a permanent repair.
Part No. DS114.

J-B MINI CLEAR EPOXY SYRINGE

•1-time use •Sets in five minutes •Cures in 2-3 hours •Adheres to metal, wood, tile, ceramic, glass and china •6 ml syringe.
Part No. 8212-S.

SEALANTS

732 Multi-Purpose Sealant
•RTV paste, seals vents, gutters, windows, electrical boxes, bonds appliance parts, pumps, etc. Will not sag or run.

PART NO.	SIZE
732CLT	90 ml tube, clear
732CLC	300 ml cartridge, clear
732WHT	90 ml tube, white
732WHC	300 ml cartridge, white
732BKT	90 ml tube, black
732BKC	300 ml cartridge, black
732ALC	300 ml cartridge, aluminum

733 Glass & Metal Sealant
•Used for bonding and sealing appliances, heavy equipment, marine equipment, and recreational vehicles. This RTV paste provides improved adhesion over other acetoxy sealants. May be applied overhead or on side walls.

733CLC	300 ml cartridge, clear
733WHC	300 ml cartridge, white
733BLC	300 ml cartridge, black

700 Industrial Grade Sealant
•For general industrial sealing and bonding. Will not sag or run; may be applied overhead or on side walls. One part, non-slumping RTV paste, cures at room temperature on exposure to moisture in air to a tough, rubbery solid.

700ALC	300 ml cartridge, aluminum
700BKC	300 ml cartridge, black
700CLC	300 ml cartridge, clear
700WHC	300 ml cartridge, white

736 Heat Resistant Sealant
•Non-slumping RTV paste, seals fired heaters, flanged pipe joints, ovens, bonds electrical equipment, etc. May be used in applications with continuous temperature exposure from -85°F to 500°F.

736REC	300 ml cartridge, red

786 Mildew Resistant Sealant
•RTV paste for interior sealing applications exposed to high moisture. Seals tubs, sinks, plumbing fixtures, and interior walls. Safe for food contact.

786CLC	300 ml cartridge, clear
786TWC	300 ml cartridge, translucent white
786WHC	300 ml cartridge, white
786AMC	300 ml cartridge, almond
786GRC	300 ml cartridge, grey

737 Neutral Cure Sealant
•This RTV paste provides primerless adhesion to most materials, oxime cure, and quick skin-over. May be used on concrete and masonry.

737CLC	300 ml cartridge, clear
737WHC	300 ml cartridge, white

738 Electrical Sealant
•This RTV paste is used for bonding and sealing corrosion-sensitive electrical and electronic equipment.

738WHC	300 ml cartridge, white

739 Plastic Adhesive
•Excellent flexibility in high vibration applications. This RTV paste has primerless adhesion to most plastics, metals, concrete, and masonry.

739WHC	300 ml cartridge, white
739BKC	300 ml cartridge, black

832 Multi-Surface Adhesive/Sealant
•Bonds to most surfaces, excellent adhesion to glass, metal, concrete, and masonry, most rubber and plastics, and has a non-corrosive cure. This RTV paste seals and repairs gutters, concrete floor seams, windows, etc.

832WHC	300 ml cartridge, white
832BKC	300 ml cartridge, black
832GRC	300 ml cartridge, grey

LUBRICANTS

4 Electrical Insulating Compound
•Lubricates and moisture-proofs ignition systems, disconnect junctions, electrical assemblies, terminals, etc. High dielectric strength, moisture and ozone resistant, and meets MIL specifications. Medium consistency.

PART NO.	SIZE
4TWT	150 gram tube, translucent white

111 Valve Lubricant & Sealant
•General purpose o-ring and valve lubricant. Provides a non-curing moisture barrier, high dielectric strength, moisture and ozone resistant, good thermal oxidation and chemical stability, suitable for potable water under NSF61. Heavy consistency. Operating temperature of -40°F to 400°F.

111TWT	150 gram tube, translucent white
111TWC	400 gram cartridge, translucent white
111TWP-3.6	3.6 kg container, translucent white
111TWP-18.1	18.1 kg container, translucent white

33 Extreme Low Temperature Bearing Grease
•Can be used on metal, plastic, and rubber parts. Resists oxidation, moisture, and corrosive atmospheres, good plastic and rubber lubricity. Not for metal-to-metal sliding applicaitons; can be used for metal-to-metal rolling applications. Temperature range from -100°F to 355°F. Light or medium consistency available.

33LTT	150 gram tube, beige/pink, light consistency
33MTT	150 gram tube, beige/pink, medium consistency
33MTC	400 gram cartridge, beige/pink, medium consistency

44 High Temperature Bearing Grease
•Designed to give long service life in high temperature bearings. Resists oxidation and moisture, excellent lubricant for plastic components, good for low to moderate loads and moderate to high speeds. Not for metal-to-metal sliding applications; can be used for metal-to-metal rolling applications. Temperature range from -40°F to 400°F. Light or medium consistency available.

44HTT	150 gram tube, red, light consistency
44MTT	150 gram tube, red, medium consistency
44MTC	400 gram cartridge, red, medium consistency

41 Extreme High Temperature Bearing Grease
•For lubricating ball bearings in high temperature equipment. Heat stable, resists oxidation, moisture, and corrosive atmospheres, for moderate loads and speeds. Not for high loaded ferrous metal bearing combinations. Temperature range from 0°F to 550°F.

41HTT	150 gram tube, black
41HTC	400 gram cartridge, black

55 O-Ring Lubricant
•Used for lubricating o-rings, sealing pneumatic systems and aircraft. Slightly swells o-rings to provide a tight seal, resists oxidation and has a temperature range of -85°F to 350°F.

55T	150 gram tube, beige/pink
55P	3.6 kg pail, beige/pink

BR2-Plus Multi-Purpose E.P. Grease
•Heavy duty lubricant for plant maintenance in metal-to-metal applications. Resists oxidation and water, good corrosion inhibiting properties, low evaporation, and high load carrying capability at moderate to high speeds.

BR2C	400 gram cartridge, black

White E.P. Bearing Grease
•Used for lubricating plain and rolling element bearings in equipment that requires grease that complies with FDA regulations for incidental food contact. For moderate to high loads/speeds.

WEP2C	400 gram cartridge, white

DOW CORNING

DOW CORNING®
Assembly & Maintenance Products

LUBRICANTS

BG 20 High Performance Synthetic Grease
•Lubricates bearings operating under extreme temperatures, high speeds, and high loads. Temperature range from -50°F to 360°F.

PART NO.	SIZE
BG20C	400 gram cartridge, beige

G-n Metal Assembly Paste/Spray
•Reduces friction and wear on parts during assembly and breaking in. For extreme loads and low speeds. Not for pressure lines or grease guns. Reduce torque values by approximately 1/3 when used on threaded connections. Temperature range for solids from 0°F to 750°F; base oils from 0°F to 250°F.

GNT	80 gram tube, black
GNA	312 gram aerosol, black
GNP	500 gram tub, black

321 Dry Film Lubricant
•For long term "dry" lubrication where air drying formulation is desired. Will not attract contaminants, easy to apply, and dries in seconds. For extreme loads at low speeds.

321A	312 gram aerosol, grey

557 Silicone Dry Film Lubricant
•Lubricates sliding contacts, particularly with aluminum and stainless steel. Extends the life of knives, tools, and dies.

PART NO.	SIZE
557A	312 gram aerosol, clear

316 Silicone Release
•Releases material from a variety of surfaces. Remains stable over a temperature range of -40°F to 390°F. FDA regulated.

316A	283 gram aerosol, clear
316S	355 gram spray, clear

Metal Protective Coating
•Provides long term corrosion protection. Extremely resistant to corrosive or salty environments.

MPCA	284 gram aerosol, translucent

DOW CORNING

DEVCON® PRODUCTS

General Repair Epoxies

Devcon Plastic Steel® Putty. The original metal filled epoxy putty used for hundreds of routine maintenance, production, and tooling applications. Bonds to most metal, concrete, and some plastics, cures at room temperature forming a tough, durable metallic mass, and can be drilled, tapped, machined, or painted. Resists oil, gasoline, water, and many chemicals. Patch and repair areas where welding or brazing would be undesirable or impossible.
Part No. 10110, 1 lb. can
Part No. 10120, 4 lb. pail
Part No. 10130, 25 lb. pail

Devcon Plastic Steel® Liquid. Steel filled liquid epoxy can be cast over models for accurate detail reproduction when making holding fixtures, light-gauge forming dies, and molds. Hardens in 1 hour, can be machined to close tolerances, low viscosity, and high compressive strength, ideal levelling compound for machinery and equipment, and meets MIL spec MMM-A-1754.
Part No. 10210, 1 lb. can
Part No. 10220, 4 lb. can
Part No. 10230, 25 lb. can

Devcon Plastic Steel® 5-Minute Putty. Steel filled epoxy for dependable emergency repairs in less than 1 hour. Can be machined, drilled, tapped, or sanded. Mixes, applies, and cures in 5 minutes at temperatures as low as 40°F.
Part No. 10240, 1 lb. can

Devcon Stainless Steel Putty. Stainless steel filled epoxy putty for patching, repairing, and rebuilding stainless steel food processing equipment. Non-rusting, bonds to ferrous and non-ferrous metals, NSF certified for potable water applications, and is USDA approved.
Part No. 10270, 1 lb. can

Devcon Fasmetal™ 10 (HVAC Repair Putty). Aluminum filled epoxy adhesive. Bonds to aluminum and other metals, ceramics, wood, concrete or glass, and cures to a rigid bond that can be ground, drilled, or tapped. Fills voids or porosity in aluminum castings, and can be used as an adhesive for repairs to copper coils in compressors.
Part No. 19770, 6½ oz (2 tubes)

Devcon Wear Resistant Putty. Smooth, non-rusting, all-purpose epoxy putty with wear-resistant fillers for repairs requiring low friction finishes, such as machine lathe beds. Bonds to steel, iron, aluminum, ceramic, concrete, brass, and some plastics.
Part No. 11410, 1 lb. can
Part No. 11420, 3 lb. can

Please see page J13 for a General Application Chart.

General Repair Epoxies

Devcon Aluminum Putty. Aluminum filled epoxy putty for dependable non-rusting repairs to aluminum castings, machinery, and equipment, widely used in HVAC applications. Repairs A/C system components, resists chlorofluorocarbons, can be machined, drilled, or tapped, and meets MIL spec DOD-C-24176B(SH), Type II.
Part No. 10610, 1 lb. can
Part No. 10620, 3 lb. can

Devcon Aluminum Liquid. Aluminum filled pourable epoxy for making molds, patterns, and holding fixtures. Mixes and pours easily, hardens in just over 1 hour; cures in 16 hours, and can be cast over models for accurate reproduction of details. Low viscosity permits reproduction of delicate or intricate parts.
Part No. 10710, 1 lb. can
Part No. 10720, 3 lb. can

Devcon Bronze Putty. Bronze filled epoxy putty for repairing bronze and brass bushings, shafts, castings, and equipment parts. Bonds securely to bronze alloys, brass, copper, and ferrous metals. Repair and rebuild areas where brazing would be undesirable or impossible. Can be machined, drilled, tapped, or ground.
Part No. 10260, 1 lb. can

Emergency Repair Products

Devcon Underwater Repair Putty. High performance technology for repairing, patching, and rebuilding equipment in habitually wet environments, even under water. Eliminates the need for substrate to be thoroughly dry before repairs. Penetrates wetness to bond securely to steel, iron, aluminum, brass, bronze, concrete, wood, and some plastics, and is invaluable for use in pulp and paper mills, waste water treatment plants, and marine environments. Non-rusting; easy to mix and apply, and cures in temperatures down to 40°F.
Part No. 11800, 1 lb. can.

Devcon Magic Bond™ Epoxy Putty. Two-part epoxy putty stick seals leaks and repairs gouges in steel, aluminum, wood, fiberglass, concrete, and ceramics. Cures rock-hard in 30-40 minutes and can be painted, sanded, machined, tapped, or drilled when fully cured. Waterproof formula cures well under water and remains sealed long-term. Used for plumbing repairs and marine use.
Part No. 11600, 4 oz. stick.

Devcon Zip Patch™. High technology, adhesive-impregnated patching system patch that cures at room temperature in minutes to a tough, durable, waterproof finish. Adheres to iron, steel, stainless steel, titanium, fiberglass, aluminum, wood, ceramics, composites, acrylics, PVC, and most other plastics. Makes permanent field repairs to pipes, tanks, and containers with minimal surface preparation.
Part No. 11500, 4" x 9".

ITW Devcon®

Canadian Now! Canadian Always!

Wear & Abrasion Epoxies

Devcon Wear Guard™ (High Load). High alumina, ceramic bead filled epoxy system for outstanding abrasion resistance to processing equipment. Trowels onto overhead or vertical surfaces without sagging, ideal for repairing scrubbers, ash handling systems, pipe elbows, screens, and chutes. Handles particulates greater than 1/8". Resists a wide range of acids, bases, saturated salt solutions, oils, and many other chemicals, and has an operational temperature resistance to 300°F.
Part No. 11490, 30 lb. pail.

Devcon Wear Guard™ (Fine Load). Micro high alumina, ceramic bead filled, high density epoxy system for equipment protection. Handles particulate smaller than 1/8", can be trowelled to form a smooth surface, and resists a wide range of chemicals. Excellent for dust particulate applications, slurry pumps, scrubbers, screens, and screw conveyors. Withstands operating temperatures as high as 300°F.
Part No. 11470, 30 lb. pail.

Devcon Wear Guard™ (High Temp). High temperature and high density, ceramic bead filled epoxy system for maximum wear and abrasion resistance in processing equipment. Heat-cure, trowelable system gives up to 30% improvement over conventional wear compounds, and has unmatched resistances to many acids, bases, salts, and solvents. Excellent abrasion resistance to all sizes of materials and particulate in high heat applications such as exhausters, pulverizers, and cyclones. Withstands continuous service temperatures to 450°F.
Part No. 11480, 30 lb. pail.

Devcon Carbide Putty. Silicon carbide filled epoxy putty for economical protection against wear and abrasion in aggressive industrial environments. Handles particulates less than 1/16", and withstands continuous service temperatures to 250°F.
Part No. 10050, 3 lb. can.

Precision Repair Epoxies

Devcon Titanium Putty. High technology, titanium reinforced epoxy, engineered for making repairs to machinery and equipment that can be precision machined. Resistance to chemicals and most acids, bases, solvents, and alkalis. High compressive strength of 18,800 psi, temperature resistant to 350°F, and meets MIL spec DOD-C-24176(SH), Type I & II.
Part No. 10760, 1 lb. can
Part No. 10770, 2 lb. can

Devcon Ceramic Repair Putty. Smooth, trowelable, alumina filled epoxy compound for rebuilding and protecting processing equipment exposed to corrosion, erosion, cavitation, chemicals, and acids. Used for filling voids and rebuilding metal castings. Has a temperature range up to 350°F, and meets MIL spec DOD-C-24176B(SH), Type I & II.
Part No. 11700, 3 lb. can.

Devcon Brushable Ceramic. Low viscosity, alumina filled, brushable epoxy compound, when applied to a 15-20 mil coating, provides a smooth protective barrier against wear, abrasion, corrosion, erosion, and chemical attack. Low friction surface reduces turbulence, wear, and cavitation. Chemically resistant to acids, solvents, and alkalis, and has a temperature range up to 350°F. White is NSF certified for use in potable water applications, and both red and white are USDA approved.
Part No. 11760, 2 lb. can (red)
Part No. 11765, 2 lb. can (blue)
Part No. 11770, 2 lb. can (white)

Devcon Fasmetal™. High performance, alumina filled epoxy for making fast, dependable emergency repairs to leaks in pipes carrying ores, coal, cement, sand, and gravel. Hardens in 1 hour, and applies in temperatures as low as 40°F.
Part No. 10780, 3/4 lb. can.

Devcon Cleaner Blend 300. Safe, multi-purpose, non-trichloroethane base degreaser for use on heavy grease and oil deposits on metal. Ideal for dip tanks, needs no rinsing, leaves no residue, and evaporates quickly.
Part No. 19510, 1 pint bottle.

Devcon Liquid Release Agent. Silicone type liquid release agent prevents Devcon's epoxy and urethane compounds from sticking to patterns or mold surfaces. Produces a high gloss finish, and facilitates the accurate duplication of intricate details.
Part No. 19600, 1 pint bottle.

Floor Savers™

Devcon Floor Patch™. All-purpose concrete patching compound with a compression strength of 8000 psi, three times the typical strength of concrete. Adheres to a variety of substrates, concrete, brick, masonry, metal or wood surfaces, easy to mix and apply, and has a functional cure in 8 hours; full cure in 16 hours. Resists water, oils, solvents, and alkalis, and is USDA approved.
Part No. 13100, 10 lb. pail.
Part No. 13120, 40 lb. pail.

Devcon Floor Patch™ FC (Fast Cure). A fast curing version of dependable Floor Patch with all of the characteristics of the regular product. 15 minute pot life allows repair to be back in service in 3 hours, and primer system allows bonding to wet surfaces and at temperatures below 40°F. USDA approved.
Part No. 13110, 10 lb. pail.

Devcon Ultra Quartz™. Heavy duty, premium floor patching system with excellent chemical resistance. This premium patching system includes a surface priming system for superior bonding to existing concrete or other surfaces. Trowelable for a non-porous finish, full cure in 16 hours, and compression strength of 9000 psi. Non-sag characteristics are ideal for vertical applications. Resists acids, alkalis, water, oils, solvents, and most chemicals. USDA approved.
Part No. 13550, 35 lb. pail.

Devcon Epoxy Coat™ 7000 AR (Acid Resistant). 100% solids epoxy novalac system designed to protect surfaces from severe acid and chemical attack. Ideal for use around chemical storage tanks, dike walls, and containment areas. Adheres to concrete surfaces, provides a durable, attractive, easy-to-clean surface, and resists sulfuric acid in concentrations up to 98%.
Part No. 12750, 2 gallon can.

Devcon Safe-T-Grit. Simple to apply, non-skid additive that can be mixed into any of the Floor Savers products. Formulated to stay in "suspension" in the coatings, when spread evenly onto concrete or other surfaces.
Part No. 12570, 2 lb. bag.

Devcon Concrete Sealer. 100% solids epoxy that provides a durable, chemical resistant coating and can be a primer system for damp surfaces. Self levelling, easily applied with a brush, roller, or squeegee at temperatures as low as 40°F. Resists many chemicals including acids, alkalis, oils, gasoline, and jet fuel. USDA approved.
Part No. 12560, 2 gallon can.

Devcon Floor Grip™. Heavy duty epoxy compound with silicone carbide granules, for an exceptional non-skid surface on walkways, ramps, loading docks, and stairs. It is brushed or rolled on, then silicone carbide granules are broadcast over the surface to provide a superior non-skid finish. Bonds to damp surfaces and exhibits excellent adhesion to concrete, brick, steel, and aluminum. For interior or exterior surfaces at temperatures as low as 40°F. USDA approved.
Part No. 13090, 2 gallon can.

Devcon Z® Cold Galvanizing. Protects iron and steel from rust and corrosion in both above ground or underground applications. 95% pure zinc composition, applies easily with brush, roller, or spray, and resists water, oil, gasoline, and other chemicals. Meets MIL spec MIL-P-21035 Navy, MIL-P-26915B Air Force, and TT-P-6416 USDA, Galvanized Repair.
Part No. 12020, 1 quart can.
Part No. 12030, 1 gallon can.

Please see page J13 for a General Application Chart.

ITW Devcon®

Flexane® Urethanes

Devcon Flexane 80 Putty. Trowelable, 100% solids, tear resistant urethane compound used to line and repair process equipment exposed to impact abrasion, vibration, expansion, and contraction. Cures to a tough medium hard rubber, easy to mix, trowels on smoothly and bonds to metal, concrete, rubber, wood, and fiberglass surfaces. Flexane Primers are recommended for maximum adhesion to metal, rubber, and concrete surfaces. Service temperatures to 180°F in dry environments and 120°F in wet environments.
Part No. 15820, 1 lb. can.
Part No. 15850, 4 lb. can.

Devcon Flexane 80 Liquid. Castable, non-shrinking, medium viscosity (10,000 cps) urethane compound for making rugged, flexible molds, forming dies, cast parts, non-scratching holding fixtures and abrasion/noise resistant linings, as well as for encapsulating parts. Two-component compound mixes and pours easily. Makes precision molds that faithfully reproduce detail, and cures at room temperature to a semi-rigid rubber material without changing shape. Returns to its original shape after 650% elongation, and requires 10 hour demolding time.
Part No. 15800, 1 lb. can.

Devcon Flexane 94 Liquid. Castable, non-shrinking, low viscosity (6,000 cps) urethane compound that cures to a rigid rubber material more rigid than Flexane 80 Liquid. For applications requiring a shorter demolding time (5 hours), makes flexible molds and non-scratching holding fixtures. Pour and mold cast rubber replacement parts that may have been discontinued.
Part No. 15250, 1 lb. can.

Devcon FL-10 Flexane Primer. Required for bonding of all Flexanes. Provides maximum adhesion of Flexanes to all metals and Flexane itself.
Part No. 15980, 4 oz. bottle.

Devcon FL-20 Flexane Primer. Required for bonding of all Flexanes. Provides maximum adhesion of Flexanes to rubber, wood, fiberglass, concrete, and Flexane itself.
Part No. 15985, 4 oz. bottle.

Devcon Flex-Add™. Flexibilizer used with Flexane 80 Liquid to produce a lower durometer castable urethane. Custom mix urethane for specific hardness (durometer) requirements, and allows matching existing hardness of "rubber for rubber" roll repair. Lower durometer allows molds to be more flexible for easier demolding.
Part No. 15940, 8 oz. bottle.

Devcon Flexane Brushable. High performance, brushable urethane coating that cures to a medium hard rubber for protection against wear due to abrasion and impact. Apply in thicknesses of 50 mils in one application to protect hoppers, chutes, pump impellers, feeder bowls, and fans. Flexane Primers are recommended for maximum adhesion to metals, rubber, wood, fiberglass, and concrete.
Part No. 15350, 1 lb. can.

Devcon Flexane High Performance Putty. High performance, trowelable lining for maximum protection against wear due to abrasion, gouging, and impact on processing equipment. Repair rubber parts in the most aggressive environments. Bonds to metal, rubber, wood, fibreglass, and concrete, and cures to a tough, resilient rubber compound. Flexane Primers are recommended for maximum adhesion.
Part No. 15330, 1 lb. can.

Devcon Flexane Belt Repair Kit. A rubber repair kit that is an ideal, off-the-shelf solution for making fast, permanent emergency maintenance repairs to damaged conveyor belts, rubber rollers, and many other rubber or elastomeric components. Contains Flexane 80 Putty, cleaner, FL-10 and FL-20 primer and applicator. Repairs and bonds to metal, concrete, rubber, wood, and fibreglass. Makes belt repairs covering up to 188 square inches at 1/4" thickness.
Part No. 15165, Kit.

Devcon Flexane Accelerator. For shortening the cure time of all Flexanes, even in temperatures as low as 0°C. Recommended for maintaining functional cure schedule when using Flex-Add™ Flexane Primers. 1/2 teaspoon reduces the cure time of 1 lb. of Flexane by 50%. FL-10 Primer enhances adhesion to all metals, and FL-20 Primer enhances adhesion to rubber, wood, fibreglass, and concrete.
Part No. 15990, 12 oz. bottle.

Polystrate™ Structural Adhesives

Devcon 5-Minute® Epoxy. Rapid curing, general purpose adhesive/ encapsulant. Bonds rigid, durable substrates such as metals, glass, ceramics, concrete, and wood in all combinations. Forms a clear, hard, rigid bond or coating in minutes.
Part No. 14200, 15 oz. tube.
Part No. 14210, 2.5 oz. tube.
Part No. 14250, 1 oz. Dev-Tube.
Part No. 14270, 50 ml Dev-Pak cartridge.

Devcon 5-Minute Epoxy Gel. Fast curing, thixotropic, non-migrating adhesive designed for filling gaps and for bonding rough or smooth surfaces. High tensile strength of 2500 psi, good solvent resistance, and is ideal for vertical surfaces.
Part No. 14630, 9 lb. can.
Part No. 14240, 1 oz. Dev-Tube.
Part No. 14265, 50 ml Dev-Pak cartridge.

Devcon 2-Ton® Clear Epoxy. Medium cure time for a strong, water resistant, non-shrinking rigid bond, fills poorly mated joining surfaces, while providing excellent adhesion and good impact strength. Forms a powerful bond with ferrous and non-ferrous metals, ceramics, wood, concrete or glass in any combination.
Part No. 14310, 1 oz. Dev-Tube.
Part No. 14260, 50 ml Dev-Pak cartridge.
Part No. 14360, 9 lb. can.

Devcon Epoxy Plus™. Two rubber-toughened structural adhesive with superior impact, peel, and fatigue resistance. 25 minute working time, non-corrosive. Ideal for potting and encapsulating electronic components. Bonds metals, FRP composites, rigid plastics, concrete, glass, and wood.
Part No. 14278, 50 ml Dev-Pak cartridge.

Devcon Plastic Welder™. Toughened structural adhesive with superior impact and peel resistance to both metallic and plastic surfaces. Bonds dissimilar substrates, unprepared metals, ceramics, wood, and standard engineered plastics. Requires minimal surface preparation and the final adhesive bond is designed to be load bearing and resistant to weathering, humidity, and wide variations in temperature.
Part No. 14300, 1 oz. Dev-Tube.
Part No. 14320, 50 ml Dev-Pak cartridge.
Part No. 14330, 2 litre kit.

Devcon Plastic Welder™ II. Formulated for bonding difficult-to-bond substrates such as nylon-containing alloys, modified polyesters, epoxy composites and standard plastics. Superior durability in aggressive environments where resistance to aqueous chemicals, gasolines, and fuels is required. Final adhesive bond has high shear, peel, and impact resistance.
Part No. 14340, 50 ml Dev-Pak cartridge.

Devcon Rubber Cement. Industrial strength waterproof rubber adhesive for flexible, durable bonds to rubber, flexible plastics to rubber, wood, plastics, metals, glass, and ceramics. Solvent based, one component contact adhesive cures in half an hour and lasts for years. Outstanding resistance to ultraviolet, oils, acids, and alkalis.
Part No. 14900, 1 pint can.

Devcon Duco Cement. Multi-purpose adhesive that replaces tape, tacks, staples, and magnets. This easy to apply product dries fast, clear, and tough. It is not affected by heat or cold. Excellent for use on wood, china, leather, glass, paper, and metal.
Part No. 6245, 1 oz. tube.

Please see page J13 for a General Application Chart.

ITW Devcon®

Structural Adhesive Accessories

Part No. 14275, Mark II Pneumatic Applicator Gun - for use with 50 ml cartridges - air operated
Part No. 14280, Mark 5™ Applicator Gun - for use with 50 ml cartridges - hand operated
Part No. 14400, Pneumatic Applicator Gun - for use with 400 ml cartridges - air operated
Part No. 14410, Manual Applicator Gun - for use with 400 ml cartridges - hand operated
Part No. 14285, Mark 5™ Mix Nozzle - for use with 50 ml Dev-Pak cartridges
Part No. 14291, Mix Nozzle - 1/4" diameter, for use with 400 ml cartridges
Part No. 14292, Mix Nozzle - 1/2" diameter, for use with 400 ml cartridges

Instant Adhesive

Devcon Zip Grip® 4404, Low viscosity (20 cps), single component cyanoacrylate adhesive for close-fitting parts. Provides permanent bonding of metal to metal, and rubber/plastics to metal surfaces. Bonds in seconds, and fills gaps to .003". Excellent for splicing o-rings, rubber weatherstripping and gaskets, for part fixturing and repairing plastics.
Part No. 44045, 2 gram tube; 3 per pack.
Part No. 44044, 14 gram bottle
Part No. 44046, 1 lb. bottle

Devcon Zip Grip® HV1200, High viscosity instant adhesive featuring exceptional impact resistance when used to bond plastics, or as an excellent general purpose adhesive. Ideal for bonding porous substrates and in gap filling up to .008". Can be dispensed with automatic equipment.
Part No. 44001, 1 oz. bottle.
Part No. 44002, 1 lb. bottle.

Devcon Zip Grip® 4495, Medium viscosity (80-100 cps), instant bonding cyanoacrylate which offers exceptional adhesion to rubber, plastics, and metals. Ideal for many assembly applications and fills gaps to .004".
Part No. 44950, 1 oz. bottle.
Part No. 44955, 1 lb. bottle.

GENERAL APPLICATION CHART

Here are some common repair and tooling problems with the corresponding Devcon products recommended for the application. More than one product may be listed for the application, since the best product for the application is determined by the substrate being repaired, the environment in which the product is to be mixed and applied, and the working environment of the equipment. For further information, please contact a Gregg Distributors representative.

Application \ Devcon Product	Plastic Steel Putty	Titanium Putty	Aluminum Putty	Floor Patch/Ultra Quartz	Magic Bond Stick	Ceramic Repair Putty	Wear Guard (Fine Load/High Load)	Zip Patch	Epoxy Concrete Sealer	Brushable Ceramic	Floor Grip	Wear Guard (High Temp.)	Flexane 80	Fast Cure Rubber Repair Putty/Liquid	Brushable/Hi-perform. Urethanes	Plastic Steel/Aluminum	5-Minute Epoxy Gel	Epoxy Coat 7000 AR	Stainless Steel Putty
Pipe Elbow Lining							X	X											
Leaky Pipes	X				X			X							X				
Lining Coal Chutes							X												
Castings Repair	X	X	X		X	X													
Noise Reduction													X						
Gaskets													X						
Hoppers										X			X			X			
Shafts/Keyways		X																	
Valve Repairs	X	X								X									
Pump Repairs - Slurry		X				X	X			X						X			
Pump Repairs - Water		X				X				X									
Feeder Bowl Lining													X						
Conveyer Belt Repair													X	X					
Chocking/Levelling																X			
Pulverizers/Mills												X							
Cyclones												X							
Acid Conditions									X									X	X
Holes in Floors				X															
Rubber Rolls													X						
USDA Approved Products				X	X				X		X								X
Mold Making													X			X			
Holding Fixtures	X												X			X			
Exhauster Fans							X												
Machinable Grade	X	X	X													X			X
Levelling Floors				X															
Chemical Containment Coatings				X					X									X	
Tank Lining										X								X	
Metal Coating										X			X					X	
Making Rubber Parts													X	X					
Expansion Joints/Control Joints				X									X	X					
Water Tank Repair					X			X		X									X
Rebuild Metal Threads	X	X																	X
Impact Abrasion Coating				X					X	X			X						
G.P. Adhesive - Steel, Brass, Aluminum																	X		
Potting Compound														X			X		
Drum Repair					X			X											
Fast Curing Epoxies					X			X									X		
Condensers/Tube Sheets						X				X									
Wet/Damp Surface Bonding				X				X	X										
Anti-Skid Floors									X		X								
Attaching Signs, Tags to Machinery																	X		

ITW Devcon®

SEAL-ALL

JJJ/1195

Seal-All® All-Purpose Adhesive

•Seals •Bonds •Insulates •Waterproofs •UV Resistant •Not Affected By Gasoline or Oil - This product is particularly adaptable for bonding many types of small size articles. Seal-All can be used to adhere wood to itself, cloth, cardboard to itself, cementing ceramic and glass, PVC, lexan, plastics, and in many other locations where transparent colourless adhesive is required.

Part No. BPS, 22 ml tube Seal-All, blister carded
Part No. BPL, 60 ml tube Seal-All, blister carded

GOOP®

JJJ/1475

Adhesive/Sealant

Amazing Goop adhesives are scientifically formulated to repair, seal, and adhere to a wide variety of materials with superior strength. For glass, plastic, metal, leather, vinyl, rubber, brick, marble, copper, tile, wood, pottery, steel, fabric. Automotive Goop is great to protect and coat battery terminals, reattach rear-view mirrors, secure auto trim and emblems. Household Goop repairs everything around the house from broken teacups to loose towel bars. Marine Goop mends sails and inflatables, seals portholes and diving masks, repairs canopies and canvas covers and is UV resistant. Plumber's Goop seals PVC, ABS, tile, porcelain, ceramic and metal fixtures. 110 ml tube.

Part No. 130035, Household Goop clear adhesive/sealant
Part No. 160035, Automotive Goop clear adhesive/sealant
Part No. 160235, Automotive Goop black adhesive/sealant
Part No. 170035, Marine Goop clear adhesive/sealant
Part No. 150035, Plumber's Goop clear adhesive/sealant

Amazing GOOP®

ELMER'S

JJJ/2025

Glue Products

PROBOND™ WOOD GLUE - CONTRACTOR GRADE
Superior high performance wood glue. 350 ml bottle with offset spout for tight corners and gripper lugs on cap for easy open/close. Refillable from handy 3.8 litre jug.
Part No. 69702, 350 ml bottle.
Part No. 69705, 3.8 litre jug.

PROBOND™ EXTERIOR WOOD GLUE - CONTRACTOR GRADE
Superior high performance ANSI Type II weather resistant wood glue. 350 ml bottle with offset spout for tight corners and gripperlugs on cap for easy open/close. Refillable from handy 3.8 litre jug.
Part No. 69403, 350 ml bottle.
Part No. 69404, 3.8 litre jug.

PROBOND™ CONTRACTOR'S PREMIUM POLYMER GLUE - CONTRACTOR GRADE
Bonds stronger and faster than most general purpose glues. Dries clear and flexible. Can be used for a wide variety of applications including bonding and fortifying concrete, drywall, wood, etc.
Part No. 69395, 3.8 litre jug.

PROBOND™ POLYURETHANE GLUE - CONTRACTOR GRADE
A revolutionary glue that adheres to virtually any surface. Bonds wood, glass, ceramics, metal, stone, and most rigid plastics. The strength of epoxy without the mixing. Sand it, paint it, stain it. Waterproof. Sets in 1 to 4 hours.
Part No. 69401, 240 ml bottle.
Part No. 69402, 475 ml bottle.

PROBOND™ CONTACT CEMENT - CONTRACTOR GRADE
A high solids, fast setting, professional strength contact cement that sets up fast (ready to bond in 10 minutes). Resistant to water, heat, and solvents. Excellent strength immediately after bonding. Great for professional cabinetmakers. Easy to brush on, no need to apply heat or clamps.
Part No. 69503, 950 ml tin
Part No. 69504, 3.8 litre tin

ELMER'S

CARPENTER'S WOOD GLUE - WORKSHOP GRADE
Specially formulated for wood. Grabs fast but allows repositioning; reduces clamping time. Penetrates wood deeply for strong bond. Can be painted. Will not gum up from heat when sanded or sawed. Easy water clean-up. Non-flammable, non-toxic, no harmful fumes. In a wide variety of sizes.
Part No. 60615, 120 ml bottle.
Part No. 60613, 225 ml bottle.
Part No. 60617, 475 ml bottle.
Part No. 60618, 950 ml bottle.
Part No. 60619, 3.8 litre jug.

WEATHER-TITE™ WOOD GLUE - WORKSHOP GRADE
A truly unique wood glue with pateneted technology. It is water resistant*, stainable and has a no-run gel formulation. Resists heat and mildew. Easy water clean-up. Safe, non-toxic formula. (*Not for continuous submersion or below water line use.)
Part No. 60720, 120 ml bottle.
Part No. 60722, 475 ml bottle.

GLUE-ALL™ MULTI-PURPOSE WHITE GLUE - WORKSHOP GRADE
Strong and versatile, Elmer's Glue-All sets fast and dries to a clear lasting bond. Ideal for wood, paper, cloth, and all porous materials. Easy water clean-up. Shatter-resistant plastic squeeze bottle. No-clog twist open/close cap. Non-flammable, non-toxic, no harmful fumes.
Part No. 60345, 40 ml bottle.
Part No. 60355, 120 ml bottle.
Part No. 60359, 225 ml bottle.
Part No. 60375, 475 ml bottle.
Part No. 60385, 950 ml bottle.
Part No. 60395, 3.8 litre jug.

ELMER'S CAULKING TUBES - WORKSHOP GRADE
Tub Caulk offers a mildew resistant seal for tub and tile. Dries to a tough, flexible seal. Water resistant when dry. Resists shrinking and discolouration. Can also be used to cement loose wall tile to clean, dry sound surfaces. Tile Grout is a durable acrylic, pre-mixed sealer. For grouting and sealing — resists shrinking, cracking, staining, mildew. Highly water resistant. Ready-to-use right out of the tube.
Part No. 60845, 175 ml tube Tub Caulk.
Part No. 60873, 175 ml tube Tile Grout.

ELMER'S
Glue Products

ORIGINAL KRAZY® GLUE
No mixing, no mess. Strong instant bond on many materials such as plastics, metal, rubber, glass, ceramics. One drop does it. 2 ml carded
Part No. 10100, Original Krazy Glue.
Part No. 10120, Original Krazy Glue Pen. Precision pen applicator for pin-point control.
Part No. 10330, Original Krazy Glue Gel. Gel version won't run and fills gaps on less than perfectly mated surfaces.

ADVANCED FORMULA KRAZY® GLUE
Stronger, more durable, and shock resistant. Ideal for items that will be handled after repair. Carded.
Part No. 10300, 2 ml Advanced Formula Krazy Glue.
Part No. 10466, 4 ml Advanced Formula Krazy Glue Gel. Gel version won't run and provides more effective bonding of porous materials and less than perfectly mated surfaces.

SKIN GUARD KRAZY® GLUE
The only instant adhesive that virtually eliminates accidental skin bonding. Same strong, instant bond as original Krazy Glue on almost everything except skin. Note: Delayed adhesion to skin (up to 60 seconds vs. less than 15 seconds with original Krazy Glue.)
Part No. 10785, Carded 2 ml Skin Guard Krazy Glue.

RECOCHEM
Camping Fuel

Part No. CF-1, 946 ml tin camping fuel - 12 per case
Part No. CF-4, 3.78 litre tin camping fuel - 4 per case
Part No. CF-205, 205 litre drum camping fuel

Wood Preservative

Part No. WPC-4, 4 litre can clear wood preservative - 4 per case
Part No. WPC-20, 20 litre pail clear wood preservative - 1 per case
Part No. WPG-4, 4 litre can green wood preservative - 4 per case
Part No. WPG-20, 20 litre pail green wood preservative - 1 per case

Painting Products

Part No. 10132, 946 ml lacquer thinner - 12 per case
Part No. 10133, 3.78 litre lacquer thinner - 4 per case

Part No. 10223, 946 ml paint and varnish remover - 12 per case
Part No. 10224, 3.78 litre paint and varnish remover - 4 per case

Part No. 10211, 1 litre paint thinner - 12 per case
Part No. 10212, 4 litre paint thinner - 4 per case

Part No. ACE-1, 1 litre Acetone - 12 per case
Part No. ACE-4, 4 litre Acetone - 4 per case

RUST-OLEUM CONSUMER BRANDS
MONO Expanding Foam Insulation

Is a polyurethane foam, ideal for insulating, sealing and filling gaps and spaces •Stops drafts •R Value = 5 per inch •Non-flammable aerosol •Re-useable, easy to clean nozzle •360 degree application •Easy to use
Part No. 890201-546, 250 g aerosol. ***New Size!***
Part No. 890201-538, 350 g aerosol.
Part No. 890201-539, 580 g aerosol.
Part No. 890201-543, 900 g aerosol.

MONO Window & Door Foam

Only waterproof window and door foam on the market •Softer expansion: will not cause windows or doors to bind •Ideal for insulating, sealing and filling gaps and spaces •Non-flammable during application of product •Re-useable, easy to clean nozzle •360 degree application •Easy to use, cures quickly •Low odour •Excellent adhesion
Part No. 890520-538, 340 g aerosol.

SPECTRA
Aerosol Spray Paint

A - SERIES — ENGINE ENAMELS
Spectra Engine Enamels are specially formulated for engine blocks and components to provide maximum temperature resistance consistent with the operating temperatures of an engine. Dry to touch in 5 minutes, they are resistant to gas and oil.
Part No. A-200, Chevrolet Orange
Part No. A-204, General Motors Blue
Part No. A-206, Universal Black
Part No. A-210, Aluminum
Part No. A-211, Universal Grey
Part No. A-216, Ford Dark Blue
Part No. A-218, Cummins Beige

E - SERIES — ACRYLIC ENAMELS
Spectra Acrylic Enamels can be used on any inside or outside application. It can be used on any surface, wood, metal or plastic. Spectra Acrylic Enamel provides the flexibility required to withstand climatic changes as opposed to the rigid characteristics of a lacquer. For best results, use over a primer coat.
Part No. E-102, Royal Blue
Part No. E-105, Mid Blue
Part No. E-108, Florida Orange
Part No. E-109, Medium Grey
Part No. E-110, Ranch Brown
Part No. E-111, Forest Green
Part No. E-112, Sunshine Yellow
Part No. E-114, Harvester Red
Part No. E-116, Deep Grey
Part No. E-117, Gloss Black
Part No. E-118, Gloss White
Part No. E-119, Flat Black
Part No. E-125, Flat White
Part No. E-132, Mist Grey
Part No. E-133, Amber
Part No. E-134, Chinese Red
Part No. E-135, Emerald Green
Part No. E-136, CAT/School Bus Yel...
Part No. E-141, Citrus Yellow
Part No. E-143, Meadow Green
Part No. E-148, Sky Blue
Part No. E-149, R.V. White
Part No. E-163, Light Yellow
Part No. E-164, Cherry Red

F - SERIES — FLUORESCENT
Highly visible, Spectra Fluorescent Spray Paints dry fast to a durable, reflective finish.
Part No. F-100, Pink
Part No. F-101, Jamaica Orange
Part No. F-102, Yellow
Part No. F-103, Sunset Orange
Part No. F-104, Green
Part No. F-105, Titan Red

H - SERIES — HIGH HEAT
Spectra High Heat Spray Paints dry fast and cure at 300°F. They resist oil, gas, rust, caustics, and grease, withstand 1200°F heat, and require no primer.
Part No. H-101, Hibachi Black
Part No. H-103, Aluminum

L - SERIES — LACQUER
Spectra Lacquers provide a very fast dry, durable finish. It can be used on any interior or exterior surface, but at no time should it be used over any existing enamel finish. For best results it should be used over a primer coat.
Part No. L-123, Gloss Black
Part No. L-125, Clear Matte
Part No. L-126, Clear Acrylic

M - SERIES — METALLIC
Spectra Metallic Paints are fast drying to a very brilliant finish. For best results, use over a primer coat.
Part No. M-101, Brass
Part No. M-102, Gold
Part No. M-103, Aluminum
Part No. M-107, Silver

P - SERIES — PRIMERS
Spectra Primers provide a good base for any top coat of paint. They provide "protection build" and are used to level out and fill small imperfections in the surface prior to the colour coat. They can be used over any existing paint surface.
Part No. P-102, Grey
Part No. P-103, Red Oxide
Part No. P-193, Non-Zinc Chromate

All Spectra Cans are 340 grams

KRYLON
Paint Products

GENERAL PURPOSE PAINTS — INTERIOR/EXTERIOR LACQUERS — KRYLON "5 BALL" AEROSOL
The most asked for spray paint in the industrial marketplace. For superior performance indoors or outdoors. These specially formulated lead-free paints create a hard, protective, durable finish.

Basic Colours — 340 gram aerosol cans EXCEPT: † = 325 grams.
Part No. 41401, Bright Silver †
Part No. 41403, Dull Aluminum †
Part No. 41404, Chrome Aluminum †
Part No. 41501, OSHA Safety White
Part No. 41502, Flat White
Part No. 41504, Ivory
Part No. 41506, Almond
Part No. 41508, Semi-Gloss White
Part No. 41601, OSHA Safety Black
Part No. 41602, Ultra Flat Black
Part No. 41606, Pewter Grey
Part No. 41608, Smoke Grey
Part No. 41613, Semi-Flat Black
Part No. 41701, Bright Gold
Part No. 41805, New Caterpillar Yellow
Part No. 41806, Sun Yellow
Part No. 41809, School Bus Yellow
Part No. 41813, OSHA Safety Yellow
Part No. 41816, John Deere Yellow
Part No. 41817, John Deere/Case Green
Part No. 41818, Intern. Harvest Red
Part No. 41819, Old Caterpillar Yellow
Part No. 41901, Regal Blue
Part No. 41907, Navy Blue
Part No. 41910, True Blue
Part No. 41913, Purple
Part No. 41927, Ford Blue
Part No. 41929, OSHA Safety Purple
Part No. 42001, Hunter Green
Part No. 42012, OSHA Safety Green
Part No. 42016, Emerald Green
Part No. 42101, Cherry Red
Part No. 42108, Banner Red
Part No. 42116, OSHA Safety Red
Part No. 42118, Burgundy
Part No. 42501, Leather Brown

Metallic — 340 gram aerosol cans EXCEPT: • = 312 grams
Part No. 41406, Silver
Part No. 41706, Gold
Part No. 42203, Copper
Part No. 42204, Brass•

Primers — 350 gram aerosol cans.
Part No. 41314, Platinum Grey
Part No. 41315, All Purpose White
Part No. 41317, Ruddy Brown Rust Magic
Part No. 41318, All Purpose Grey

FLUORESCENT INDOOR/OUTDOOR PAINTS

Fluorescent spray paints are available in a full range of bright colours that provide maximum visibility and safety — 312 gram aerosol cans.

Part No. 43101, Red/Orange
Part No. 43102, Yellow/Orange
Part No. 43104, Lemon Yellow
Part No. 43105, Cerise
Part No. 43106, Green

HIGH HEAT PAINTS

Heat resistant silicone formula withstands temperatures up to 1200°F intermittently and up to 600°F for continued use — 340 gram aerosol cans.

Part No. 41402, Aluminum
Part No. 41505, White
Part No. 41614, Black
Part No. 41618, BBQ and Stove Paint Black

FUSION — THE NO-PREP, SUPERBOND PAINT FOR PLASTIC

•Dries in 15 minutes or less •Flexibility allows plastic to bend •Features the EZ Touch Fan™ spray nozzle •For interior and exterior use •Great for all plastics, PVC, vinyl, resin, ceramic, glass, tile, wood, metal, wicker and other hard to paint surfaces — 340 gram aerosol can.

Part No. 2320, Gloss White
Part No. 2321, Gloss Black
Part No. 2322, Dover White
Part No. 2323, River Rock Beige
Part No. 2324, Hunter Green
Part No. 2325, Burgundy
Part No. 2326, Navy
Part No. 2328, Red Pepper
Part No. 2329, Patriotic Blue
Part No. 2330, Sunbeam Yellow

TOUGH COAT™ ACRYLIC ENAMELS

These flexible industrial acrylic enamels are ideal for light to heavy duty painting projects, both indoors and outdoors. The tough, protective coating resists chipping and peeling.

General Purpose Colours — 340 gram aerosol cans.

Part No. 00325, Dark Machinery Grey
Part No. 00326, Light Machinery Grey
Part No. 00329, Machinery Blue/Grey
Part No. 01000, Clear Gloss Topcoat
Part No. 01005, Bright Red
Part No. 01101, Cherry Red
Part No. 01110, OSHA Red
Part No. 01150, Zinger Pink
Part No. 01210, OSHA Orange
Part No. 01285, Cordova Brown
Part No. 01305, Light Beige
Part No. 01310, OSHA Yellow
Part No. 01415, Machine Green
Part No. 01445, Medium Green
Part No. 01470, OSHA Safety Green
Part No. 01510, OSHA Blue
Part No. 01515, Dark Blue
Part No. 01540, Powder Blue
Part No. 01580, OSHA Purple
Part No. 01615, Medium Grey
Part No. 01620, Machinery Grey
Part No. 01625, Blue/Grey
Part No. 01630, Industrial Grey
Part No. 01645, Light Grey
Part No. 01770, OSHA Gloss Blk
Part No. 01800, OSHA Gloss Wht
Part No. 03720, Flat White
Part No. 03725, Flat Black
Part No. 03727, Max Flat Black

Implement Colours — 340 gram aerosol cans.

Part No. 01003, International Harvester Red
Part No. 01006, Allis-Chalmers Orange
Part No. 01008, Ford Blue
Part No. 01009, Federal Highway Yellow
Part No. 01212, International Orange
Part No. 01319, New Caterpillar Yellow
Part No. 01321, Old Caterpillar Yellow
Part No. 01485, John Deere/Case Green

Metallic — 340 gram aerosol cans.

Part No. 01760, Aluminum
Part No. 01765, Gold

Primers — 340 gram aerosol cans.

Part No. 00339, Red Oxide Rust Control, non-sandable
Part No. 00340, Grey Rust Control, non-sandable
Part No. 00341, Light Grey, sandable
Part No. 00342, Red Oxide, sandable
Part No. 00344, Rust Inhibiting Green Non-Zinc Chromate

Fluorescent — 312 gram aerosol.

Part No. 01811, Orange
Part No. 01812, Red
Part No. 01815, Electric Green

High Heat — 340 gram aerosol.

Part No. 00324, Aluminum
Part No. 00332, Black

RUST TOUGH® RUST PREVENTATIVE ENAMELS — AEROSOL

Rust Tough aerosols provide great one-coat coverage, superior appearance and durable corrosion protection. Ideal wherever you need the convenience of an aerosol for small touch-up jobs, painting irregular shapes or hard-to-reach areas. For best results use over a primed surface.

Basic Colours — 425 gram aerosol cans.

Part No. 500159, Aluminum
Part No. 500239, Light Blue
Part No. 500249, OSHA Safety Blue
Part No. 500259, Deep Blue
Part No. 500339, OSHA Safety Green
Part No. 500349, Bright Green
Part No. 500379, Dark Green
Part No. 500439, OSHA Safety Yellow
Part No. 500449, Federal Yellow
Part No. 500479, Industrial Yellow
Part No. 500489, Equipment Yellow
Part No. 500559, OSHA Safety Orange
Part No. 500569, Equipment Orange
Part No. 500639, OSHA Safety Red
Part No. 500649, Bright Red
Part No. 500719, Tan
Part No. 500759, Chestnut Brown
Part No. 500769, Hi-Temp Black
Part No. 500779, Semi-Gloss Black
Part No. 500789, Flat Black
Part No. 500799, Gloss Black
Part No. 500839, Light Machinery Grey
Part No. 500879, Dark Machinery Grey
Part No. 500909, Flat White
Part No. 500919, Semi-Gloss White
Part No. 500929, Gloss White

Fluorescent — 425 gram aerosol cans.

Part No. 510339, Green
Part No. 510429, Yellow
Part No. 510559, Orange
Part No. 510649, Red

Primers — 425 gram aerosol cans.

Part No. 500699, Red Oxide
Part No. 500859, Cold Galvanize

RUST TOUGH™

RUST TOUGH® RUST PREVENTATIVE ENAMELS — ALKYD BULK

	Part No. 3.78 litre	Part No. 18.9 litre
Basic Colours		
Aluminum	500151	-
OSHA Safety Green	500331	-
Bright Green	500341	-
Dark Green	500371	-
OSHA Safety Yellow	500431	500435
Industrial Yellow	500471	500475
Equipment Yellow	500481	-
OSHA Safety Orange	500551	-
Equipment Orange	500561	-
OSHA Safety Red	500631	-
Bright Red	500641	-
Tan	500711	-
Chestnut Brown	500751	-
Semi-Gloss Black	500771	-
Flat Black	500781	-
Gloss Black	500791	500795
Light Machinery Grey	500831	500835
Dark Machinery Grey	500871	500875
Flat White	500901	500905
Semi-Gloss White	500911	-
Gloss White	500921	500925
Primers		
Red Oxide	500691	500695
Grey	-	500825

KRYLON INDUSTRIAL

Paint Products

IRON GUARD™ DIRECT-TO-METAL ACRYLIC ENAMEL

No primers or solvents needed. Iron Guard is a direct-to-metal, water-borne acrylic, which means you don't have to spend time or money on primers. Downtime is reduced as well since drying time is shorter. And, your thinning and cleanup solvent costs are the lowest to be found — with Iron Guard, all you need is water. •Superior rust protection in a direct-to-metal water-borne acrylic •VOC compliant to 150 grams/litre •Reduces total site emissions •No primers or solvents needed •Thins and cleans up with water •Industrial durability •Excellent gloss and colour retention •Dry to touch in as little as 15 minutes •Apply by brush, roller or spray

	Part No. 3.78 litre	Part No. 18.9 litre
Basic Colours		
Gloss White	K11004041	K11004045
Gloss Black	K11001131	K11001135
Semi-Gloss Black	K11007751	K11007755
Flat Black	K11001201	
Safety Yellow	K11029101	
Safety Red	K11001011	
New Cat Yellow	K11004711	
Old Cat Yellow	K11004511	
Safety Blue	K11018001	
Safety Green	K11044001	
Safety Orange	K11004991	
Light Machinery Grey	K11003271	
Dark Machinery Grey	K11006631	
Primers		
Red Oxide	K11006951	K11006955
Light Grey	K11008251	K11008255

KRYLON INDUSTRIAL

QUIK-MARK™ INVERTED MARKING PAINTS

•High solids formulation for bold, bright, visible markings •Fast-drying, high-solids formula penetrates and adheres to hot surfaces •Convenient Spray-Thru™ cap and non-clogging spray tip •VOC compliant, free-of-lead hazards

WATER BASED MARKING PAINTS
— 340 gram aerosol cans.
APWA
Part No. 03401, Brilliant White
Part No. 03402, Brilliant Yellow
Part No. 03403, Brilliant Orange
Part No. 03404, Brilliant Red
Part No. 03406, Brilliant Blue
Part No. 03407, Brilliant Green

FLUORESCENT
Part No. 03405, Fluorescent Pink
Part No. 03408, Fluorescent Orange
Part No. 03409, Fluorescent Red
Part No. 03410, Fluorescent Red/Orange

WATER BASED MARKING PAINTS
— 481 gram aerosol cans.
APWA
Part No. 03500, Clear (extends wear and impedes fading)
Part No. 03801, Utility Yellow (Lead Free)
Part No. 03901, Brilliant White

FLUORESCENT
Part No. 03610, Fluorescent Safety Red
Part No. 03612, Fluorescent Pink
Part No. 03620, Fluorescent Caution Blue
Part No. 03630, Fluorescent Safety Green
Part No. 03650, Fluorescent Red/Orange
Part No. 03700, Fluorescent Orange

SOLVENT BASED MARKING PAINTS
— 481 gram aerosol cans.
APWA
Part No. 03611, Red
Part No. 03621, Blue
Part No. 03631, Green
Part No. 03731, Bright Orange
Part No. 03821, High Visibility Yellow
Part No. 03900, Utility White

FLUORESCENT
Part No. 03613, Fluorescent Safety Red
Part No. 03614, Fluorescent Neon Green
Part No. 03622, Fluorescent Hot Pink
Part No. 03701, Fluorescent Red/Orange
Part No. 03702, Fluorescent Orange

GENERAL PURPOSE - SOLVENT BASED
Part No. 03550, Asphalt Black, 481 g.
Part No. 03600, Clear, 425 g.
Part No. 03640, Silver, 454 g.

NEW!!

QUIK-MARK™ INVERTED MARKING CHALKS

•for use on common indoor and outdoor surfaces, including roads, pavements, gravel, soil, grass, etc. •Can br removed from hard surfaces with wire brush and water •Convenient Spray-Thru™ cap and non-clogging spray tip •Lasts up to 30 days •VOC compliant •Uses: Communications lines, electrical installations, athletic fields, utilities marking, surveys, construction, excavation, ground marking.

WATER BASED MARKING CHALKS
— 481 gram aerosol cans.
APWA
Part No. KWBC03501, Orange
Part No. KWBC03502, Yellow
Part No. KWBC03503, Red
Part No. KWBC03504, Blue
Part No. KWBC03505, White
Part No. KWBC03506, Green

MINE MARKING PAINTS

Premium high visibility colours overcome darkness and distance factors. Designed for overhead marking. Non-clogging and fast drying. Great for mines, underground utilities, construction, and excavation.

WATER BASED MINE MARKING PAINTS
— 481 gram aerosol cans.
Part No. K04010, Fluorescent Red
Part No. K04020, Fluorescent Red/Orange
Part No. K04030, Fluorescent Orange
Part No. K04050, Fluorescent Green
Part No. K04070, White

ATHLETIC FIELD STRIPING PAINTS

•Fast drying •Ideal for grass and fields or short term striping •Non-clogging spray tip •VOC compliant, free-of-lead hazards •Uses: Athletic fields, golf courses, football, soccer, lacrosse, basketball and baseball fields •Cans spray only in upside-down position. *Use with #K08360 striping wand sold below.*

Water Based — 510 gram aerosol cans.
Part No. 808305, Athletic Field White

PAVEMENT STRIPING PAINTS

•Fast drying •Long-lasting durability on outdoor pavement and inddor surfaces •Non-clogging spray tip •VOC compliant, free-of-lead hazards •Uses: Warehouse aisles, parking lots, school grounds, construction and excavation sites, road surfaces, nurseries, apartment complexes, fairgrounds •Cans spray only in upside-down position. *Use with #K08360 striping wand sold below.*

Solvent Based — 510 gram aerosol cans.
Part No. 808300, Highway White
Part No. 808301, Highway Yellow
Part No. 808302, Handicap Blue
Part No. 808303, Firelane Red
Part No. 808304, Cover-Up Black

STENCIL INKS

Whether you're applying new stencils to unmarked containers, steel or lumber, or covering old markings, these quality products will meet all your requirements. They're easy to apply and dry quickly.

Industrial Colours — 340 gram aerosol cans.
Part No. 03105, White
Part No. 03106, Red
Part No. 03108, Black
Part No. 03109, Blue
Part No. 03111, Green
Part No. 03112, Orange
Part No. 03121, Medium Blue
Part No. 03127, No-Lead Yellow

TAN KRAFT STENCIL KOVER®

Completely hides old stencilling from used shipping containers, making them reusable. For matching Kraft cartons perfectly. 340 gram aerosol can.
Part No. 03119.

SNAP & SPRAY AEROSOL CAN HOLDER

Transforms any standard spray can of varnish, paint, cleaner, lubricant, etc. into a spray gun. Easy to clean, reusable.
Part No. 47099.

QUIK-MARK™ MARKING WANDS

•Constructed of durable, rugged plastic and lightweight steel •Comfortable pistol grip for easy handling and marking •Apply a uniform, 3 - 4 cm width of paint •Recommended for use with Quik-Mark marking paints
Part No. K07095, Spotter Hand-Held Wand (30 cm length).
Part No. K07096, Wheeler Hand-Held Wand (85 cm length).

LINE-UP® STRIPING WAND

•Use for easy stenciling or line touch-ups •Durable construction •85 cm long for convenient operation •Recommended for use with Line-Up striping paints
Part No. K08360.

LINE-UP® PAVEMENT STRIPING MACHINE

•Engineered and designed for easy operation and durability •18 gauge all-steel construction •12 can storage •Stripes widths of 5 - 10 cm •18 cm wheels provide a smooth ride on hard surfaces, such as concrete, blacktop and metal •Excellent for use in parking lots, warehouses, plants, factories, etc.
Part No. K08340.

AEROSOL CAN DISPOSAL

A safe and economical means to empty and dispose of aerosol cans. Easy to use, hand operated, no power source necessary. Handle moves a puncture pin through a fluid-tight chamber and pierces can, no worker contact required. Unique carbon filter coalesces VOCs in filter reservoir. Residual contents safely collected in drum. For use with 20, 30, or 55 gallon drum.
Part No. CPU03, Aerosolv™ venting system. Consists of one puncturing unit, one filter, and one anti-static wire which is required under several federal and local codes.
Part No. CPF04, Two stage coalescing filter with replaceable carbon cartridge. For CPU03 disposal unit.
Part No. CPF05, Replacement carbon filter cartridge for CPF04 filter unit.

KRYLON
INDUSTRIAL

RUST DESTROYER

JJJ/1476

Protective Primer

RUST DESTROYER

Is your best protection against rust. It represents a major breakthrough in paint chemistry as it reacts with existing rust and converts rust into an inert compound. Additionally, Rust Destroyer is a universal primer: able to coat or be coated by almost every class of paint in the world. Applied directly over rust in just one application. No sandblasting, scraping or sanding gloss finishes are required, just a pass with a wire brush to remove loose flakes and bubbles of rust. Safe and easy to use: Non-toxic, no lead, chrome or other dangerous pigments or derivatives. 350 gram aerosol.
Part No. RD-8.

TREMCLAD

TRE/3835

Primers

Tremclad Primers are rust inhibiting primers providing excellent corrosion resistance, top coat adhesion and coverage to both clean and rusted metal. For severely pitted or sandblasted steel, Tremclad Primers will provide a smooth surface to enhance the adhesion of a protective or decorative topcoat. Lead and chromate free. The primers are available in either grey or red oxide to allow better hiding no matter what colour of topcoat is used. — 340 gram aerosol.
Part No. 2065, Red Oxide.
Part No. 2066, Grey

Rust Paint

Tremclad Aerosol Rust Paint is specially formulated for automotive use, to provide rust protection and a durable high gloss finish with long lasting colour on new or rusted metal. It does not require the need for a separate primer in most cases.
— 300 gram aerosol.
Part No. 2000, Gloss Black
Part No. 2001, Gloss White
Part No. 2002, Flat Black
Part No. 2003, Cherry Red
Part No. 2005, Bright Yellow
Part No. 2011, Aluminum
Part No. 2015, Silver Grey

ZERO-RUST™

JJJ/4053

Rust & Corrosion Control Coating

•Zero-Rust is a direct-to-metal, phenolic modified alkyd rust and corrosion control coating, which puts down an impermeable barrier at the steel level •Temperature Range: Zero-Rust can withstand intermittent temperatures of about 250-300°F before the resin starts baking out. Heat resistance will vary by colour. •Benefits: •Lays down an impermeable barrier •2000+ hours salt spray test results •Low V.O.C. — High solids •Protection at the steel level •Topcoats optional •No lead —No isocyanates •Eliminates damaging levels of intrusive corrosive elements •Provides maximum adhesion to steel •Dielectric ability is extraordinary •Surface tolerant •No sandblasting required •Recoatable

Thinning: Because Zero-Rust is heavy bodied, thinning will be required for siphon gun application. A reduction of 15-20% with xylene is typical. Recommended thinners are: xylene, lacquer thinner, acetone, and acrylic enamel reducer. Do not use mineral spirits or VMP Naptha for thinning. Application with airless spray equipment can be done directly from the can with no thinning. If you are using a brush or roller, thin to suit.

	Part No. 12 oz. Aerosol	Part No. Quart	Part No. Gallon	Part No. 5 Gallon
Red Oxide	28-60SP	28-60QT	28-60GA	28-60FG
Grey	28-61SP	28-61QT	28-61GA	28-61FG
Black	28-62SP	28-62QT	28-62GA	28-62FG
Cat Yellow	28-63SP	28-63QT	28-63GA	-
White	28-67SP	28-67QT	28-67GA	28-67FG
Safety Blue	28-68SP	28-68QT	28-68GA	-
Green	28-70SP	28-70QT	28-70GA	-
Safety Yellow	28-71SP	28-71QT	28-71GA	-
Safety Red	28-72SP	28-72QT	28-72GA	-
Tan	28-95SP	28-95QT	28-95GA	-
Clear Coat	CC-00SP	-	-	-

PREP STEP POWDER
Part No. PS-PLB12, 12 oz.
Part No. PS-PLB5, 5 lb.

SPECTRA
Industrial Enamels

Spectra Industrial Enamel combines good gloss and colour retention with resistance to mild chemical and corrosive exposures. Spectra Enamels can be used on any inside or outside application, and can be used on any surface; wood, metal, or plastic. For best results, Spectra Enamels should be used over a primer coat. Spectra Industrial Enamel paint is available in the following colours and sizes:

PART NO.	SIZE	COLOUR
11110-1G	3.78 litre	National Blue enamel
11110-5G	18.9 litre	National Blue enamel
11161-1G	3.78 litre	Medium Blue enamel
11161-5G	18.9 litre	Medium Blue enamel
11154-1G	3.78 litre	Safety Blue enamel
11154-5G	18.9 litre	Safety Blue enamel
11165-1G	3.78 litre	G.M. Blue enamel
11165-5G	18.9 litre	G.M. Blue enamel
11166-1G	3.78 litre	Light Grey enamel
11166-5G	18.9 litre	Light Grey enamel
13141-1G	3.78 litre	Fluorescent Blaze Orange enamel
76059-1G	3.78 litre	Semi Gloss Black (self prime) enamel
76059-5G	18.9 litre	Semi Gloss Black (self prime) enamel
70266-1G	3.78 litre	Bright Aluminum enamel
70266-5G	18.9 litre	Bright Aluminum enamel
71031-1G	3.78 litre	Buff Primer
71031-5G	18.9 litre	Buff Primer
71307-1G	3.78 litre	Red Primer
71307-5G	18.9 litre	Red Primer
71309-1G	3.78 litre	Grey Primer
71309-5G	18.9 litre	Grey Primer
74002-1G	3.78 litre	Safety Purple enamel
74002-5G	18.9 litre	Safety Purple enamel
74019-1G	3.78 litre	Royal Blue enamel
74019-5G	18.9 litre	Royal Blue enamel
74024-1G	3.78 litre	Dark Grey enamel
74024-5G	18.9 litre	Dark Grey enamel
74031-1G	3.78 litre	Burgundy enamel
74031-5G	18.9 litre	Burgundy enamel
74034-1G	3.78 litre	Safety Green enamel
74034-5G	18.9 litre	Safety Green enamel
74037-1G	3.78 litre	Maple Brown enamel
74037-5G	18.9 litre	Maple Brown enamel
74047-1G	3.78 litre	John Deere Yellow enamel
74047-5G	18.9 litre	John Deere Yellow enamel
74060-1G	3.78 litre	Lime Green enamel
74060-5G	18.9 litre	Lime Green enamel

PART NO.	SIZE	COLOUR
74070-5G	18.9 litre	Bright Orange enamel
74088-1G	3.78 litre	Safety Yellow enamel
74088-5G	18.9 litre	Safety Yellow enamel
74137-1G	3.78 litre	Safety Orange enamel
74137-5G	18.9 litre	Safety Orange enamel
74178-1G	3.78 litre	Case Orange enamel
74178-5G	18.9 litre	Case Orange enamel
74196-1G	3.78 litre	New Cat Yellow (1993) enamel
74196-5G	18.9 litre	New Cat Yellow (1993) enamel
74211-1G	3.78 litre	Candy Apple Red enamel
74211-5G	18.9 litre	Candy Apple Red enamel
74285-1G	3.78 litre	New Komatsu Yellow enamel
74285-5G	18.9 litre	New Komatsu Yellow enamel
74792-1G	3.78 litre	Dark Green enamel
74792-5G	18.9 litre	Dark Green enamel
74795-1G	3.78 litre	Gloss Black enamel
74795-5G	18.9 litre	Gloss Black enamel
74807-1G	3.78 litre	Old Cat Yellow (1982-92) enamel
74807-5G	18.9 litre	Old Cat Yellow (1982-92) enamel
74811-1G	3.78 litre	Super White enamel
74811-5G	18.9 litre	Super White enamel
74851-1G	3.78 litre	Mid Grey enamel
74851-5G	18.9 litre	Mid Grey enamel
74852-1G	3.78 litre	Safety Red enamel
74852-5G	18.9 litre	Safety Red enamel
74867-1G	3.78 litre	Hi-Way Yellow (lead free) enamel
74867-5G	18.9 litre	Hi-Way Yellow (lead free) enamel
78011-1G	3.78 litre	Xylene Thinner
78011-5G	18.9 litre	Xylene Thinner

SEYMOUR
Paints

•NON CFC, OZONE FRIENDLY PROPELLENT •NO METHYLENE CHLORIDE

CAST BLAST® - Restores a new "cast iron" look.

Use Cast Blast spray paint on newly cleaned cylinder heads, engine blocks... all the cast iron parts you rebuild. The Cast Iron Grey colour creates an original, factory-fresh appearance, good enough to replace glass beading. That's why Cast Blast is the preferred choice of professional rebuilders. Formulated for excellent adhesion, Cast Blast is durable, quick drying, and stops instant rusting. It's also non-abrasive. Can be top coated with OEM engine colours for good-looking showroom results. 340 gram aerosol can.

Part No. 16-048.

MRO STAINLESS STEEL - Rust protection with real stainless steel.

Formulated with 100% type 316L stainless steel pigment for maximum corrosion resistance and a satin sheen finish. Protects from weather, sunlight, oil and water. 454 gram aerosol can.

Part No. 20-1460.

ALUMI BLAST - Restores a new "aluminum" look.

Easy to apply and non-smudging, Alumi Blast makes aluminum parts such as alternators, calipers, water pumps and transmission housings look like new... in just one pass. And because the non-leafing pigment won't rub off, the parts you rebuild keep their good look even after installation, whether for interior or exterior use. Alumi Blast combines long lasting durability with the colour and texture of new aluminum casting, a finished look you can be proud of. Thanks to the fast-dry formula, you can use this new and unique spray wherever professional results are desired. 340 gram aerosol can.

Part No. 16-055.

RUST-OLEUM®
High Performance Aerosols

INDUSTRIAL ENAMEL AEROSOL

Hard Hat® V2100/2200 System •The ultimate spray paint for metal •Maximum corrosion protection •Fast dry •Better gloss retention, coverage and dry time than other industrial rust preventive spray paints •Superior resistance to chipping, cracking and peeling •Higher paint solids •Superior hide and colour retention •Smooth, durable, long lasting finish •Indoor/outdoor •Typical Applications: Storage tanks, exterior handrails, piping, racks, conveyors, machinery, heavy equipment, metal doors •Most colours match Rust-Oleum Industrial Enamel gallon products for convenient touch-up

Available Colours 15 oz., Fluorescent Colours 14 oz.

Part No. V2170838, Almond
Part No. V2171838, Tan
Part No. V2175838, Chestnut Brown
Part No. V2125838, Deep Blue
Part No. V2123838, Light Blue
Part No. V2137838, Dark Green
Part No. V2134838, Bright Green
Part No. V2138838, Hunter Green
Part No. V2147838, Industrial Yellow
Part No. V2148838, Equipment Yellow
Part No. V2156838, Equipment Orange
Part No. V2164838, Bright Red
Part No. V2124838, Safety Blue
Part No. V2133838, Safety Green
Part No. V2155838, Safety Orange
Part No. V2167838, Safety Purple
Part No. V2163838, Safety Red
Part No. V2143838, Safety Yellow

Part No. 2233838, Fluorescent Green
Part No. 2255838, Fluorescent Orange
Part No. 209568, Fluorescent Pink
Part No. 2264838, Fluorescent Red
Part No. 2242838, Fluorescent Yellow
Part No. 209565, Anodized Bronze
Part No. V2187838, Dark Machine Gray
Part No. V2184838, Dove Gray
Part No. V2183838, Light Machine Gray
Part No. V2188838, Smoke Gray
Part No. V2115838, Silver Aluminum
Part No. V2119838, Stainless Steel
Part No. V2179838, Gloss Black
Part No. V2178838, Flat Black
Part No. V2177838, Semi-Gloss Black
Part No. V2190838, Flat White
Part No. 209567, Semi-Gloss White
Part No. V2192838, Gloss White
Part No. V2196838, Fleet White
Part No. V2102838, Crystal Clear

INDUSTRIAL ENAMEL PRIMER AEROSOL

Hard Hat® V2100 System Primers •Better corrosion protection than other industrial rust-preventive spray primers •Fast drying, topcoat anytime •Superior adhesion — use on rusted, bare or previously painted metal

Available Products 15 oz.
Part No. V2169838, Red Primer
Part No. V2182838, Gray Primer
Part No. 209566, White Clean Metal Primer

INDUSTRIAL HAMMERED AEROSOL

•Hides surface imperfections •Conceals flaws in scratched, rusted or pitted metal •Can be applied directly over rusted metal sealing the surface against rust and corrosion •Great for restoring old metal surfaces •Typical Applications: Machinery, equipment, tool boxes, handrails, structural steel

Available Colours 15 oz.
Part No. 209590, Metal Black
Part No. 209562, Metal Silver
Part No. 209563, Metal Gold
Part No. 209564, Metal Dark Bronze

INDUSTRIAL FARM EQUIPMENT AEROSOL

•The ultimate spray paint for metal •Bright, durable finishes in a range of original equipment colours •Smooth, durable, long lasting finish •Maximum corrosion protection •Fast dry formula •Typical Applications: Tractors, trailers, farm implements, machinery and equipment

Available Colours Match Manufacturers' Colours 15 oz.
Part No. 209713, John Deere Green
Part No. 209714, John Deere Yellow
Part No. 209715, Caterpillar Yellow (old)
Part No. 209716, Allis Chalmers Orange
Part No. 209717, International Red
Part No. 209718, Ford Blue

INDUSTRIAL HIGH HEAT COATING AEROSOL

Hard Hat® High Temperature Coating •Resists temperatures up to 1000°F (538°C) •Direct to metal •Durable, long lasting finish •Fast drying •Protects in extreme high heat •Typical Applications: Boilers, steam pipes and vents, drying vents, kilns, exhaust pipes

Available Colours 15 oz.
Part No. V2116838, High Heat Aluminum
Part No. V2176838, High Heat Black

RUST-OLEUM® HIGH PERFORMANCE

INDUSTRIAL COLD GALVANIZING COMPOUND AEROSOL

Hard Hat® Galvanizing Compound •Contains up to 93% pure zinc in the dry film for ultimate galvanic protection •Maximum corrosion protection •Excellent adhesion to galvanized metal •Fast drying •Protects in moderate to extreme environments •Ideal for touch up repair of galvanized metal •Typical Applications: Bare sheet metal, production welds, galvanized ducts, storage tanks, fences, gutters, trucks, trailers, offshore applications, utility towers

Available Colours 20 oz.
Part No. V2185838, Cold Galvanizing Compound
Part No. V2117838, Bright Galvanizing Compound

RUST-OLEUM®
Striping & Marking

INVERTED MARKING PAINT AEROSOL

Hard Hat® V2300 System Inverted Striping Paint •High output spray tip for bold, easy to see markings •Bright, vivid colours •Long lasting •Fast drying • Guaranteed not to clog •Available in APWA, general purpose and fluorescent colours •Use with Rust-Oleum marking wand or pistol for quick and accurate site marking •Typical Applications: Utility locating, surveying, construction sites, excavation sites, landscaping

Available Colours 15 oz.

Part No. V2324838, Caution Blue
Part No. V2345838, Caution Yellow
Part No. V2354838, Alert Orange
Part No. V2363838, Safety Red
Part No. V2344838, High Visibility Yellow
Part No. V2333838, Fluorescent Green
Part No. V2355838, Fluorescent Orange
Part No. V2358838, Fluorescent Red Orange
Part No. V2392838, White
Part No. V2301838, Clear

INDUSTRIAL CHOICE MARKING PAINT BAG

•Durable material, zippers and fasteners •Handy design holds 3 cans of marking paint for extended jobs •Extra compartments perfect for keys, phone, water bottle and more •Comfortable, adjustable strap •Blaze orange colour for visibility

Part No. 203912

STRIPING MACHINE

•Create 2-4" straight lines quickly and easily •Cover a larger area in shorter time •Convenient storage compartment holds 12 extra cans •Sturdy steel construction •Collapsible handle for easy storage

Part No. 2395000.

ATHLETIC FIELD STRIPING MACHINE

•Create 3-6" straight lines quickly and easily •Cover a larger area in shorter time •Convenient storage compartment holds 12 extra cans •Sturdy steel construction •Collapsible handle for easy storage

Part No. 206346.

MARKING WAND

•Easy, upright site marking •Quick and convenient with no mess •Comfortale grip •Lightweight, yet durable construction •Use with Rust-Oleum Inverted Marking Paint

Part No. 2393000.

MARKING PISTOL

•Easy, accurate marking •Light touch spray control •Comfortable grip

Part No. 210188.

Thinners

THINNER FOR HIGH PERFORMANCE INDUSTRIAL ENAMELS

Part No. 633402, 1 gallon, brush application
Part No. 641402, 1 gallon, spray application
Part No. 641300, 5 gallon, spray application

THINNER FOR HIGH PERFORMANCE SPEEDY-DRY ENAMELS

Part No. 150402, 1 gallon

THINNER FOR HIGH PERFORMANCE INDUSTRIAL DTM EPOXY MASTIC

Part No. 160402, 1 gallon
Part No. 165402, 1 gallon, for immersion

THINNER FOR HIGH PERFORMANCE INDUSTRIAL HIGH HEAT COATINGS

Part No. 140402, 1 gallon

THINNER FOR INDUSTRIAL CHOICE ALKYD ENAMELS

Part No. 2400402, 1 gallon

High Performance Gallons

Available Colours 5 Gallons

Part No. 634300, High Gloss Black
Part No. 721300, National Blue
Part No. 906300, Silver Gray
Part No. 975300, Navy Gray
Part No. 944300, Safety Yellow

INDUSTRIAL ENAMEL

7400 System Finishes •The original rust preventive coating formulated to protect metal surfaces from the ravages of rust and corrosion •Special polyamide-modified alkyd for maximum performance •Better gloss retention and coverage than competitors' industrial enamels (colour tested: white) •Protects against mild chemical spills, fumes, oil and grease •High paint solids •Resists chipping, cracking and peeling •Superior gloss and colour retention •Excellent hiding •Smooth, durable, long lasting finish •Indoor/outdoor •Most colours match High Performance Industrial Enamel aerosols •Typical Applications: Pipes, equipment, metal cabinets and lockers, railings, trim, doors and gates, vents, outdoor signage

Available Colours 1 Gallons

Part No. 865402, Dunes Tan
Part No. 977402, Chestnut Brown
Part No. 721402, National Blue
Part No. 866402, Marlin Blue
Part No. 935402, Vista Green
Part No. 1282402, Forest Green
Part No. 7232402, Pleasant Green
Part No. 7434402, Green (John Deere)
Part No. 7446402, Yellow
Part No. 7448402, Old Caterpillar Yellow
Part No. 7447402, New Caterpillar Yellow
Part No. 559402, International Orange
Part No. 1210402, Fire Hydrant Red
Part No. 745402, Tile Red
Part No. 925402, Safety Blue
Part No. 933402, Safety Green
Part No. 956402, Safety Orange
Part No. 964402, Safety Red
Part No. 944402, Safety Yellow
Part No. 7280402, Light Neutral Gray
Part No. 904402, Machine Tool Gray
Part No. 975402, Navy Gray
Part No. 906402, Silver Gray
Part No. 470402, Aluminum
Part No. 473402, Heavy Duty Aluminum
Part No. 1030402, Green Aluminum
Part No. 1020402, Blue Aluminum
Part No. 634402, High Gloss Black
Part No. 412402, Flat Black
Part No. 7290402, White
Part No. 2764402, Flat White
Part No. 2766402, High Gloss White
Part No. 717402, Clear (Clear-Sele®)

Industrial Enamel Primers – 7400 System Primers

769® RED DAMP PROOF PRIMER

•The original fish oil modified primer, drives moisture and air out to stop rust •Bonds to tightly adhered rusted metal and forms a secure film •Can be exposed up to one year without topcoating •Proven corrosion protection •Superior adhesion to sound, rusted steel
Part No. 769402, Red, 1 gallon
Part No. 769300, Red, 5 gallon

HEAVY DUTY RUST INHIBITIVE PRIMERS

•Special high solids alkyd primers for severe rust producing conditions. Use on new, clean, heavily rusted, previously painted and abrasive blasted metal •Ideal where a higher film build [up to 3 mils (75µ dry) film thickness/coat] is needed •Superior corrosion protection •Superior adhesion
Part No. 1060402, Gray, 1 gallon
Part No. 1069402, Red, 1 gallon
Part No. 1069300, Red, 5 gallon

ZINC CHROMATE PRIMERS

•Zinc chromate rust inhibitive primers for use on new, lightly rusted, abrasive blasted, or previously painted steel •Can be exposed up to six months without topcoating •Superior corrosion protection •Superior adhesion
Part No. 960402, Yellow, 1 gallon
Part No. 960300, Yellow, 5 gallon
Part No. X60402, Red, 1 gallon

QUICK DRY PRIMERS

•Fast drying •For use on clean, slightly rusted, abrasive blasted, or previously painted steel •Spray applied and tack free in 30-60 minutes •Can be exposed up to six mounths without topcoating
Part No. 7086402, Gray, 1 gallon
Part No. 678402, Red, 1 gallon
Part No. 678300, Red, 5 gallon

HIGH SOLIDS, QUICK DRY LOW VOC PRIMERS

•Fast drying primers for use on clean, slightly rusted, abrasive blasted, or previously painted steel •Spray applied and tack free in 30-60 minutes •Can be exposed up to six months without topcoating •VOC <340 g/l
Part No. 2082402, Light Gray, 1 gallon
Part No. 2068402, Red, 1 gallon

SHOP COAT PRIMER

•Fast drying primers for slightly rusted steel, clean steel and abrasive blasted steel in mild conditions •Spray applied and tack free in 15-30 minutes
Part No. 7069402, Red, 1 gallon

RUST-OLEUM® HIGH PERFORMANCE

High Performance Gallons

INDUSTRIAL FOOD & BEVERAGE COATING (ALKYD)

8400 System •A special, modified alkyd designed for the food and beverage industry •Provides all the benefits of Rust-Oleum Industrial Enamels, plus resistance to mold and mildew •Resists repeated washing, disinfectants and cleaning compounds •Resistant to humidity and heat as high as 212°F (100°C), and can be applied to cold surfaces as low as 18°F (-7°C) •Not for immersion service •Typical Applications: Dairies, breweries, meat packing plants, frozen food operations, bakeries, bottling plants, tanneries and laundries, water or wastewater plants, showers, locker rooms and kitchens
Available Products 1 Gallon
Part No. 8494402, Dairy White
Part No. 8469402, Red Rusted Metal Primer
Part No. 8492402, White Clean Metal Primer

INDUSTRIAL DTM EPOXY MASTIC

9100 System •Two component high solids polyamine converted epoxy with 9101402 Standard Activator (polyamide with 9102402 Immersion Activator) •Direct to metal and tightly adhered rusted metal •Superior long term solvent, chemical and abrasion resistance •Maximum corrosion protection •Tough film for excellent durability, recommended DFT 5-8 mils •Convenient 1:1 mixing ratio of base and activator •Provides the wear and abrasion resistance of multi coat epoxy coatings •Four activators available for a variety of conditions •In severe industrial environments or over abrasive blasted surfaces, a second coat is required for optimal protection •Typical Applications: Steel beams, structural steel towers, conveyors, industrial equipment, storage tanks, sewage treatment basins and non potable water storage facilities, steel handrails, floors
Available Colours 1 Gallon
Part No. 9171402, Dunes Tan
Part No. 9122402, Marlin Blue
Part No. 9145402, Equipment Yellow
Part No. 9165402, Regal Red
Part No. 9168402, Tile Red
Part No. 9125402, Safety Blue
Part No. 9133402, Safety Green
Part No. 9144402, Safety Yellow
Part No. 9186402, Navy Gray
Part No. 9182402, Silver Gray
Part No. 9115402, Aluminum
Part No. 9179402, Black
Part No. 9192402, White

SPEEDY-DRY ENAMEL (ALKYD)

1500 System •A modified short oil alkyd for vehicle refinishing and OEM applications •Prime, coat and return vehicles to service within 4 hours •Fast dry formula quickly provides a tough, fade resistant coating •Maximum durability and corrosion protection •High gloss finish •Indoor/outdoor •Typical Applications: Forklift trucks, airport ground support vehicles, trucks, tractors and trailers
Available Colours & Products 1 Gallon
Part No. 1547402, New Caterpillar Yellow
Part No. 1565402, International Red
Part No. 1545402, Safety Yellow
Part No. 1586402, Navy Gray
Part No. 1584402, Silver Gray
Part No. 1510402, Chrome
Part No. 1579402, Jet Black
Part No. 1590402, White
Part No. 1573402, Rust Inhibitive Primer (VOC 600 g/l)
Part No. HS1573402, Low VOC, High Solids Rust Inhibitive Primer (VOC 420 g/l)
Part No. 2083402, Gray Primer (VOC 600 g/l)

STANDARD ACTIVATOR

•For use when air and surface temperatures are 50-100°F (10-38°C)
•Produces higher gloss than other activators
Part No. 9101402, 1 gallon

IMMERSION ACTIVATOR

•For fresh or salt water immersion applications on steel or concrete where water temperatures do not exceed 125°F (52°C) •Great for use in floor coating applications •Produces slightly lower gloss than the standard activator •Not for use with tint bases or in potable water tanks
Part No. 9102402, 1 gallon

LOW TEMPERATURE ACTIVATOR

•For use when air and surface temperatures are 40-60°F (5-15°C)
•Produces higher gloss than other activators
Part No. 9103402, 1gallon

FAST CURE ACTIVATOR

•Faster cure to minimize downtime •For use when air and surface temperatures are 50-100°F (10-38°C) •Recoat in four hours at 70°F (21°C) and 50% RH •Produces slightly lower gloss than the standard activator
Part No. 9104402, 1 gallon

INDUSTRIAL WATER-BASED EPOXY

5300 System •Two component polyamine cured water based epoxy •Applies to damp surfaces for minimal downtime •Low odour •Forms a tough, protective coating •Excellent resistance to chemicals and abrasion •Excellent corrosion protection and adhesion to smooth surfaces •High gloss finish •VOC < 250 g/l •Typical Applications: Beverage plants, clean rooms, hospitals, schools, washdown bays, abrasive environments, highly populated areas where minimal odour is essential

Available Colours & Products 1 Gallon

1st Component:
Part No. 5371408, Dunes Tan
Part No. 5323408, Marlin Blue
Part No. 5368408, Tile Red
Part No. 5344408, Safety Yellow
Part No. 5382408, Silver Gray
Part No. 5379408, Black
Part No. 5392408, White
Part No. 5369405, Red Primer
Part No. 5381405, Gray Primer
2nd Component:
Part No. 5301604, Epoxy Activator
Part No. 5303502, Primer Activator

COLD GALVANIZING COMPOUND

•Single component, zinc rich epoxy ester •Contains 95% pure zinc in the dry film for ultimate galvanic protection •Maximum corrosion resistance •Excellent adhesion to galvanized metal •Meets Federal Specification Mil P26915B and DOD P21035A •Typical Applications: Bare sheet metal, production welds, galvanized ducts, storage tanks, fences, gutters, trucks, trailers, offshore drilling rigs, utility towers

Available Products
Part No. 206193, 1 gallon
Part No. 206194, 1 quart

INDUSTRIAL EPOXY PRIMERS

HS9300/9300 System Primers for use with Rust-Oleum Industrial Epoxies and Urethanes •Unsurpassed adhesion to metal surfaces •Excellent intercoat adhesion •Maximum corrosion protection •Resists heavy abrasion and high moisture exposure •Two component •Dry heat resistance to 300°F (149°C) •For recoat times between 16 hours up to 30 days, use Extended Recoat Epoxy Primers

Available Products 1 Gallon
VOC <420 g/l:
1st Component:
Part No. HS9369407, Red Primer
Part No. HS9381407, Gray Primer
2nd Component:
Part No. HS9303604, Primer Activator

EXTENDED RECOAT (VOC <340 g/l):
1st Component:
Part No. 9360402, Red Primer
Part No. 9370402, Buff Primer
Part No. 9380402, MIO Gray Primer
2nd Component:
Part No. 9304402, Primer Activator

INDUSTRIAL HIGH HEAT COATINGS

4200/4300 Systems
Available Products 1 Gallon

HIGH HEAT COATINGS

Modified silicone, aluminum and coloured finishes for surfaces exposed to temperatures from 300-800°F (149-426°C).
Part No. 4233402, Green
Part No. 4286402, Gray
Part No. 4279402, Black
Part No. 4215303, Aluminum
Part No. 4268402, Red Primer

GRAY ZINC-SELE

Fights corrosion through cathodic sacrificial action. Protects from 300-800°F (149-426°C). Apply to steel abrasive blasted to a minimum commercial grade. 81% zinc in dry film. Requires two coats.
Part No. 4285402

PURE SILICONE ALUMINUM

Self-priming, two coat system for surfaces subject to temperatures from 500°F (260°C) up to 1200°F (649°C). VOC <600 g/l. Apply directly on steel abrasive blasted to a minimum near white grade (SSPC SP10, NACE 2).
Part No. 4315402

INDUSTRIAL COAL TAR EPOXY

C9578 •Two component, high solids polyamide converted epoxy with refined coal tar pitch •Protects against severe abrasion, strong chemicals and non potable water immersion •Meets Corps of Engineers Specs C-200, C-200A, Steel Tank Institute Corrosion Control System STI-P3, AWWA Spec C210-84, and SSPC-Paint 16 •Self priming, high build coating (8-10 mils/200-250µ DFT) •Typical Applications: Wastewater treatment plants, barges, marine environments

Available Products
Part No. C9578402, Coal Tar Epoxy, 1 gallon
Part No. C9502504, Coal Tar Epoxy Activator, 1 quart
Part No. C9578380, Coal Tar Epoxy, 5 gallon
Part No. C9502402, Coal Tar Epoxy Activator, 1 qallon

RUST-OLEUM®
HIGH PERFORMANCE

Industrial Choice Aerosols

INDUSTRIAL CHOICE ENAMEL

•A multi purpose spray paint for everyday industrial applications •Fast dry— in 12 minutes or less •High solids content provides faster, further coverage •Protects against chipping, fading and peeling •Higher gloss than lacquer based aerosols •Superior solvent resistance not found in lacquer based aerosols •Indoor/outdoor •Typical Applications: Tools, ducts/vents, ladders, cabinets, lockers, furniture, stenciling

Available Colours 12 oz. Aerosol

Part No. 1672830, Almond
Part No. 1671830, Beige
Part No. 1674830, Leather Brown
Part No. 1626830, True Blue
Part No. 1622830, Regal Blue
Part No. 1638830, Hunter Green
Part No. 202211, Machine Green
Part No. 1643830, School Bus Yellow
Part No. 202212, Sun Yellow
Part No. 202216, Dusty Pink
Part No. 1666830, Banner Red
Part No. 1664830, Cherry Red
Part No. 1624830, Safety Blue
Part No. 1633830, Safety Green
Part No. 1653830, Safety Orange
Part No. 1670830, Safety Purple
Part No. 1660830, Safety Red
Part No. 1644830, Safety Yellow
Part No. 1655830, Fluorescent Red-Orange
Part No. 1632830, Fluorescent Green
Part No. 1654830, Fluorescent Orange
Part No. 1659830, Fluorescent Pink
Part No. 1642830, Fluorescent Yellow
Part No. 1686830, Universal Gray
Part No. 1684830, Dove Gray
Part No. 1688830, Smoke Gray
Part No. 202214, Machinery Gray
Part No. 1614830, Dull Aluminum
Part No. 1679830, Glossy Black
Part No. 1676830, Ultra-Flat Black
Part No. 1678830, Semi-Flat Black
Part No. 1692830, Glossy White
Part No. 1690830, Flat White
Part No. 1696830, Antique White
Part No. 1610830, Crystal Clear

INDUSTRIAL CHOICE ENAMEL PRIMER

•Provides a solid base for adhesion of topcoat •Wet or dry sandable •Fast drying, indoor/outdoor •Use on bare or painted wood, metal, masonry and more

Available Products 12 oz. Aerosol

Part No. 1667830, Red Primer
Part No. 1680830, Gray Primer
Part No. 1681830, White Primer
Part No. 202213, Green Rust Inhibitive Primer

INDUSTRIAL CHOICE INVERTED STRIPING PAINT

•Creates crisp and clean, long lasting lines •Each 18 oz. can produces approximately 300 linear feet of a 2" stripe •Use with Rust-Oleum Striping Machine (#2395000) for crisp, straight 2-4" lines •Typical Applications: Mark aisles, lift truck routes, pallet positions, hazardous areas, commercial parking lots

Available Colours 18 oz. Aerosol

Part No. 1627838, Blue
Part No. 1648838, Yellow
Part No. 1665838, Red
Part No. 1677838, Black
Part No. 1691838, White

INDUSTRIAL CHOICE COLD GALVANIZING COMPOUND

•Contains a high zinc content in the dry film for ultimate galvanic protection •Excellent corrosion protection •Great adhesion to galvanized metal •Fast drying •Typical Applications: Bare sheet metal, production welds, galvanized ducts, gutters, trailers, fences

Available Colour 14 oz. Aerosol

Part No. 1685830, Cold Galvanizing Compound

INDUSTRIAL CHOICE ATHLETIC FIELD INVERTED STRIPING PAINT

•Specially formulated for striping athletic fields •Dries fast in 30 minutes •Creates sharp, well defined lines •Good hide with one application •Safe for use on grass •Smudge resistant, durable, long lasting formula •Water based •Guaranteed not to clog Use with Athletic Field Inverted Striping Machine #206346 •Typical Applications: Athletic fields, playgrounds, golf courses, and more

Available Colours 17 oz. Aerosol

Part No. 206045, Yellow
Part No. 206044, Orange
Part No. 206043, White

INDUSTRIAL CHOICE ANTI-SLIP

•Creates a slip-resistant surface in minutes •Resists cracking and peeling •Indoor/outdoor •Durable finish provides resistance to gasoline, oil and mild chemicals •Lower cost per square foot than anti-slip tapes •Coefficient of friction—dry 0.72, wet 0.85 •Typical Applications: Ideal for pedestrian traffic on stairs, pool decks, ramps and walkways

Available Products 15 oz. Aerosol

Part No. AS2144838, Yellow
Part No. AS2185838, Gray
Part No. AS2178838, Black
Part No. AS2192838, White
Part No. AS2102838, Clear

INDUSTRIAL CHOICE PRECISION-LINE INVERTED MARKING CHALK

•For temporary marking •Can be easily removed with a stiff brush •Features a precision line spray tip for vivid, easy to read marking •Virtually no overspray for precise lines •Lasts up to 30 days when exposed to traffic and weathering •Fast dry formula •Easy to use spray through cap guaranteed not to clog •Typical Applications: Locating utilities, surveying, construction sites, excavation sites, golf courses, athletic fields, landscape marking

Available Colours 17oz. Aerosol

Part No. 205236, APWA Blue
Part No. 205238, APWA Green
Part No. 205234, APWA Yellow
Part No. 205233, APWA Orange
Part No. 205235, APWA Red
Part No. 205237, APWA White

INDUSTRIAL CHOICE PRECISION-LINE INVERTED MARKING PAINT

•Features a precision line spray tip for easy to read, bright, vivid markings •Marks more linear feet than the competition •Virtually no overspray •Can be applied down to 25°F (-4°C) •Dries in less than 5 minutes •Easy to use, spray through cap guaranteed not to clog •"No mess" spray tip keeps paint off fingers •Locking tip keeps tip from popping off •Use with Rust-Oleum marking wand or pistol •Best resistance against premature chalking and fading •Typical Applications: Utility locating, surveying, construction sites, excavation sites, landscapes marking

Available Solvent Based Colours 17 oz. Aerosol

Part No. 203022, Caution Blue
Part No. 203024, Caution Yellow
Part No. 203025, High Visibility Yellow
Part No. 203026, Alert Orange
Part No. 201516, APWA Orange
Part No. 1634838, Safety Green
Part No. 1668838, Safety Purple
Part No. 203029, Safety Red
Part No. 1669838, Fluorescent Purple
Part No. 1662838, Fluorescent Red
Part No. 203028, Fluorescent Red-Orange
Part No. 203023, Fluorescent Green
Part No. 203027, Fluorescent Orange
Part No. 1661838, Fluorescent Pink
Part No. 1675838, Black
Part No. 203030, White
Part No. 1601838, Clear

Available Water Based Colours 17 oz.

Part No. 203031, Caution Blue
Part No. 203033, Caution Yellow
Part No. 203034, High Visibility Yellow
Part No. 203035, Alert Orange
Part No. 1834838, Safety Green
Part No. 1868838, Safety Purple
Part No. 203038, Safety Red
Part No. 1869838, Fluorescent Purple
Part No. 1862838, Fluorescent Red
Part No. 203037, Fluorescent Red-Orange
Part No. 203032, Fluorescent Green
Part No. 203036, Fluorescent Orange
Part No. 1861838, Fluorescent Pink
Part No. 1875838, Black
Part No. 203039, White
Part No. 1801838, Clear

INDUSTRIAL CHOICE ALKYD ENAMEL

•A general purpose, modified alkyd enamel •Withstands mild chemical fumes and spills •Hard finish resists chipping, cracking and peeling •Good gloss retention •Provides good hiding and smooth coverage •Multi purpose indoor/outdoor coating •Typical Applications: Machinery, handrails, doors, tools, trim, drums, piping, cabinets

Available Colours 1 Gallon

Part No. 207839, Beige
Part No. 207837, True Blue
Part No. 207840, John Deere Green
Part No. 207835, Hunter Green
Part No. 207841, New Caterpillar Yellow
Part No. 207842, Old Caterpillar Yellow
Part No. 206287, Banner Red
Part No. 206288, Machine Green
Part No. 206301, Safety Blue
Part No. 206303, Safety Yellow
Part No. 207836, Safety Orange
Part No. 206304, Safety Red
Part No. 206300, Universal Gray
Part No. 206302, Aluminum
Part No. 206283, Glossy Black
Part No. 207838, Ultra Flat Black
Part No. 206285, Glossy White
Part No. 208118, Silver Gray
Part No. 206282, Gray Primer

Available Colours 5 Gallon

Part No. 206284, Glossy Black
Part No. 206286, Glossy White

INDUSTRIAL CHOICE DTM ACRYLIC

5200 System •A low VOC acrylic water based dispersion •Low odour, water based coating •Direct to metal •Resists chalking and fading •Withstands mild chemical fumes and spills •Indoor/outdoor •Brush, roll and spray with ease •Typical Applications: Food processing plants, schools, offices, restaurants, prisons

Available Colours & Products 1 Gallon

Part No. 5271402, Dunes Tan
Part No. 5275402, Bronzetone
Part No. 5277402, Chestnut Brown
Part No. 5222402, Marlin Blue
Part No. 5227402, National Blue
Part No. 5234402, Green (John Deere)
Part No. 5235402, Vista Green
Part No. 5237402, Forest Green
Part No. 5258402, Tower Orange
Part No. 5256402, International Orange
Part No. 5265402, Fire Hydrant Red
Part No. 5225402, Safety Blue
Part No. 5233402, Safety Green
Part No. 5244402, Safety Yellow
Part No. 5255402, Safety Orange
Part No. 5264402, Safety Red
Part No. 5282402, Silver Gray
Part No. 5286402, Navy Gray
Part No. 5288402, Machine Tool Gray
Part No. 5274402, Semi-Gloss Black
Part No. 5278402, Flat Black
Part No. 5279402, Gloss Black
Part No. 5290402, Flat White
Part No. 5291402, Tower White
Part No. 5292402, Gloss White
Part No. 5293402, Semi-Gloss White
Part No. 5215402, Alumi-non
Part No. 5281402, Gray Primer
Part No. 5269402, Red Primer

INDUSTRIAL CHOICE SHOP COAT PRIMER

•A fast drying modified alkyd •Low cost metal protection •Brush for touch up application only •Excellent adhesion on structural steel and fabricated metal

Available Products

Part No. 206329, Red Primer, 1 gallon
Part No. 206330, Red Primer, 5 gallon
Part No. 206331, Gray Primer, 1 gallon
Part No. 206332, Gray Primer, 5gallon

INDUSTRIAL CHOICE CLEAR BLUE UNDERCOAT

•Thermoplastic acrylic bonding agent •An ideal undercoating to help adhesion of subsequent topcoats •Promotes adhesion on clean, extremely smooth surfaces •Must be topcoated after one-hour flash off time •Excellent for priming galvanized steel

Available Products

Part No. 3202502, 1 quart

INDUSTRIAL CHOICE MULTI PURPOSE EPOXY

3600 System •A general purpose high solids, two component epoxy coating •Applies direct to metal and to tightly adhered rusted metal •Excellent long term solvent, chemical and abrasion resistance •Excellent corrosion protection •Multi purpose indoor/outdoor coating •Typical Applications: Steel beams, machinery, equipment

Available Colours & Products 1 Gallon

1st Component:
Part No. 206968, Safety Yellow
Part No. 206970, Dove Gray
Part No. 206967, Universal Gray
Part No. 206969, Glossy Black
Part No. 206971, Glossy White
2nd Component:
Part No. 206976, Epoxy Activator
Part No. 206977, Primer Activator
Part No. 206975, Rust Inhibitive Gray Primer

INDUSTRIAL CHOICE ACRYLIC ALIPHATIC URETHANE

3300 System •A general purpose, two component acrylic polyurethane coating •Good resistance against chemical fumes and spills •Hard finish resists chipping, cracking and peeling •Excellent colour and gloss retention •Excellent corrosion protection •Multi purpose indoor/outdoor coating •Typical Applications: Outdoor equipment, water tanks, structural steel, cinderblock walls

Available Colours & Products 1 Gallon

1st Component:
Part No. 207957, Safety Blue
Part No. 207956, Safety Yellow
Part No. 207958, Safety Red
Part No. 206915, Dove Gray
Part No. 206917, Glossy Black
Part No. 206916, Glossy White
2nd Component:
Part No. 206879, Urethane Activator

INDUSTRIAL CHOICE
BY RUST-OLEUM

Overall® Aerosols

Overall® Aerosol
Available Colours 10 oz.,

Part No. V2401830, Sandable Gray Primer
Part No. V2402830, Gloss Black
Part No. V2403830, Gloss White
Part No. V2404830, Flat Black
Part No. V2405830, Flat White
Part No. V2407830, Gloss Red
Part No. V2408830, Gloss Blue
Part No. V2409830, Gloss Yellow
Part No. V2410830, Gloss Green
Part No. V2411830, Gloss Brown
Part No. V2412830, Aluminum
Part No. V2413830, Gloss Machine Gray
Part No. V2414830, Gloss Orange

Concrete Saver Floor Coatings

CONCRETE SAVER ANTI-SLIP LOW PROFILE EPOXY
AS6000 System •Two component, water based epoxy •Formulated for barefoot and light recreational pedestrian traffic, wet areas and occasional spills of mild chemicals •Low, wavy profile for interior and exterior areas •Low VOC •Low odour •Coefficient of friction - Dry: 0.78, Wet: 0.86 •Typical Applications: Pool areas, locker rooms, showers, laundries, walkways
Available in 1 Gallon Kits (activator & base contained in one carton)
Part No. AS6086425, Navy Gray
Part No. AS6082425, Silver Gray

CONCRETE SAVER ANTI-SLIP ONE-STEP EPOXY
AS5400 System •Single component epoxy, pedestrian grade, anti-slip floor coating •Ridged profile to handle heavy foot traffic and/or light vehicle traffic •One step application •Withstands intermittent spills of mild chemicals, occasional steam and chemical cleaning •Indoor/outdoor •Unused portion can be resealed for future use •Contains aluminum oxide aggregate •Coefficient of friction - Dry: 1.17, Wet: 1.00 •Typical Applications: Floors, ramps, decks, entrances, step bumpers, treads, stairs
Available Colours 1 Gallon
Part No. AS5471402, Dunes Tan
Part No. AS5468402, Tile Red
Part No. AS5444402, Safety Yellow
Part No. AS5486402, Navy Gray
Part No. AS5482402, Silver Gray
Part No. AS5479402, Black

CONCRETE SAVER ANTI-SLIP HIGH PERFORMANCE EPOXY
AS9100 System •Two component, heavy duty, anti-slip epoxy floor coating •Highly ridged profile can endure heavy vehicle and equipment traffic •Excellent chemical and abrasion resistance •Formulated for heavy wear, frequent power cleaning and constant high humidity •Coefficient of friction - Dry: 1.05, Wet: 1.05 •Typical Applications: Indoor/outdoor vehicle routes, forklift traffic areas, loading docks, stadium ramps, walkways
Available in 1 Gallon Kits (activator & base contained in one carton)
Part No. AS9171425, Dunes Tan
Part No. AS9168425, Tile Red
Part No. AS9144425, Safety Yellow
Part No. AS9186425, Navy Gray
Part No. AS9182425, Silver Gray

CONCRETE SAVER ANTI-SLIP 100% SOLIDS EPOXY
AS6500 System •Two component, 100% solids epoxy •Extra heavy duty, highly chemical resistant anti-slip floor coating •Highly ridged profile can endure continuous vehicle and equipment traffic •Superb chemical and abrasion resistance •Formulated for continuous heavy wear, regular power cleaning and constant high humidity •Low odour formula ideal for confined, low ventilation areas •Coefficient of friction - Dry: 1.10, Wet: 1.00 •Typical Applications: Food processing and preparation areas, meat packing and poultry operations, breweries, wineries, bakeries, bottling plants and hospitals
Available in 1 Gallon Kits (activator & base contained in one carton)
Part No. AS6586425, Navy Gray
Part No. AS6582425, Silver Gray

RUST-OLEUM

Sierra Performance Coatings

GLOSS CONCRETE EPOXY FLOOR COATING
S40 •A two component, water based concrete enamel •Ideal for interior applications on concrete floors with light to medium vehicle traffic and occasional mild chemical spills •Tough high gloss finish provides excellent durability •Highly resistant to most chemicals and abrasion •Fast dry—tack free in 30 minutes •Can accept light traffic in 24 hours •Easy to use with professional results •Multiple coats can be applied in one day •Ideal for use in institutions, warehouses, schools, healthcare, food service, office buildings, hotels or in any area where paint odours or VOCs could be a problem
Available Colours & Products 1 Gallon

1st Component:
Part No. 208066, Gloss Clear
Part No. 208557, Gloss Safety Red
Part No. 208068, Gloss Safety Yellow
Part No. 208070, Gloss Black
Part No. 208072, Gloss Classic Gray
Part No. 208074, Gloss Light Gray
Part No. 208076, Gloss Tile Red
Part No. 208078, Gloss Sand
Part No. 208080, Gloss Neutral
Part No. 208082, Gloss New Green
Part No. 208084, Satin Clear
2nd Component:
Part No. 208086, S40 Activator

S30 GRIPTEC Sandable Primer -S30
Part No. 208028, Hi Hide White
Part No. 208555, Primer Gray

CONCRETE SAVER WATER-BASED EPOXY
6000 System •Two component, water-based epoxy •Performs like a solvent-based epoxy coating •Can be applied to well adhered, previously coated floors without lifting •Resists heavy foot traffic and lightweight rubber tire vehicles like hand carts •Withstands intermittent mild chemical spills and occasional steam, high humidity, water and chemical cleaning •Typical Applications: Food and beverage plants, hospitals, clean rooms, processing areas
Available Colours 1 Gallon
1st Component:
Part No. 6071408, Tan
Part No. 6068408, Tile Red
Part No. 6086408, Navy Gray
Part No. 6082408, Silver Gray
Part No. 6092408, White
Part No. 6010408, Clear
2nd Component:
Part No. 6001604, Activator

RUST-OLEUM

CONCRETE SAVER 100% SOLIDS EPOXY
6500 System •Two component, 100% solids epoxy •2 -3 times toughter than concrete •Tenaciously adheres to properly prepared concrete •Excellent abrasion, impact and chemical resistance •Endures continuous foot and rubber tire vehicle traffic and power washings •Low odor formula ideal for confined, low ventilation areas •Typical Applications: Meat packing and poultry plants, hospitals, warehouses, food processing and preparation areas, breweries, wineries, bakeries, bottling plants, any confined low ventilation area
Available Colours & Products 1 Gallon
1st Component:
Part No. S6571413, Dunes Tan
Part No. S6568413, Tile Red
Part No. S6586413, Navy Gray
Part No. S6582413, Silver Gray
Part No. S6592413, White
Part No. S6510413, Clear
Part No. S6511413, Penetrating Prime and Seal Primer Base
2nd Component:
Part No. S6501410, Activator
Part No. S6502410, Penetrating Prime and Seal Primer Activator

CONCRETE SAVER CLEAR WATER-BASED POLYURETHANE
6711 Clear Water-Based Polyurethane •Single component, oil modified water borne polyurethane dispersion •Can be used as a clear, glossy sealer for concrete •Can be used as a gloss topcoat over anti-slip coatings •Designed for interior and exterior concrete and wood floors •Gloss finish stands up to light traffic, weather and staining •Low VOC—196 g/l •Typical Applications: Wood floors and concrete floors, such as in gymnasiums, where a hard natural finish is desired
Available Colours 1 Gallon
Part No. 6711402, Clear

TURBOKRETE® CONCRETE PATCHING COMPOUND

•High performance, 100% solids epoxy patch kit •Repairs damaged concrete, fills deep holes, and protects against abrasion, impact and most chemicals •Restores damaged curbs and severely spalled floors •3-4 times stronger than concrete •Easy mix, trowel applied fast cure formula

Part No. 5494323, 0.3 cu ft. kit.

200 ANTI-SKID FLOOR COATING ADDITIVE

•Specially refined aggregate provides increased skid resistance •Formulated for use with our 6000 System Water-Based Epoxy or 6500 System 100% Solids Epoxy •Can be added directly to the liquid coating or broadcast over the final finish

Part No. 200504.

108 CLEANING & ETCHING SOLUTION

•Dual action solution—cleans and etches •Helps dissolve grease, dirt and oil; then etches concrete for improved coating adhesion •Covers approximately 400 sq. ft. of concrete with just one pre-mixed ready to use gallon

Part No. 108402.

DECORATIVE VINYL CHIPS

•Use with 6500 and 6000 Systems for a decorative finish •1 lb. bags

Part No. 205220, Black/White

Part No. 205177, Black/White/Blue

Part No. 205178, Blue/White

Part No. 205179, Black/White/Gray

PURE STRENGTH® CLEANER/DEGREASER

•Ready to use general purpose cleaner/degreaser •Extremely effective for preparing surfaces prior to painting •Typical Applications: Walls, floors, machinery, dip tanks and equipment

Available Products

Part No. 3590402, 1 gallon

Part No. 3590300, 5 gallon

PURE STRENGTH® CONCENTRATED CLEANER/DEGREASER

•Powerful, heavy duty water soluble cleaner/degreaser •Non caustic, non abrasive •Removes grease and oil •Prepares surfaces prior to painting •Non aerosols meet Air Pollution Control regulation 31 for general purpose cleaners •Typical Applications: Walls, floors, machinery, dip tanks and equipment

Available Products

Part No. 3599507, 1 quart

Part No. 3599402, 1 gallon

Part No. 3599300, 5 gallon

Part No. 3599100, 55 gallon

Part No. 3599838, 14 oz. Aerosol

Pure Strength. Cleaner/Degreaser

ROAD WARRIOR PROTECTIVE TRUCK BED COATING

Rust-Oleum Road Warrior Protective Truck Bed Coating Kit adds a textured, two-component rubberized epoxy coating to truck beds. Apply to Truck Beds, Trailer Undercoatings, Stairs, Ramps and much more...

Prevents rust and provides abrasion, chemical and impact resistance. Fast-drying, indoor/outdoor, durable, corrosion resistant.

Part No. 7705-498, Black, gallon kit.

EPOXY SHIELD™ GARAGE FLOOR KITS

Showroom quality garage floor. Long-lasting performance - Protects against gasoline, antifreeze, motor oil, salt and hot tire pick-up. Easy to keep clean. Easy to apply - Water based for low odor and easy clean up. Kit includes: 2 part epoxy floor system, concentrated cleaner, decorative chips, stir stick, detailed instructions and instructional video

Available Colours

Part No. 203005, Gray

Part No. 203006, Tan

EPOXY SHIELD™ INDUSTRIAL FLOOR KIT

Industrial toughness for the most demanding environments. Strengthens and protects factory, garage and commercial floors and walls. Withstands splash and spillage of mild acid, gasoline, brake fluid, oil and other automotive chemicals. Helps prevent concrete chipping, cracking and dusting. Use on floors and walls in: factories, workshops, warehouses, garages, stairways, hallways. Kit includes: 2 gallons of floor coating, decorative colour chips and detailed instructions.

Available Colours

Part No. 203373, Silver Gray Semi-Gloss

RUST-OLEUM EPOXY Shield

Janitorial Supplies

GLADIATOR SERVICE UTILITY CART

For the warehouse, the garage — any place a rugged cart is needed. Easy to clean structural plastic for industrial, medical, and food service use. 3" deep leak-proof top tray plus a 3" deep bottom shelf. 2 swivel and 2 fixed 5" casters and a comfortable push handle. Easy assembly. Optional middle tray shelf is available as well as a utility bin for tools, markers, pencils, rulers, etc.

Part No. CA1900, 2 shelf cart with 5" casters.
Part No. CA1902, Middle shelf for cart.
Part No. CA1903, Bin box for 2 shelf cart.

CA1900

CA1900 w/ CA1902 installed

CA1903

PLASTIC MOP BUCKET COMBO

26-32 quart bucket and wringer combination. 3" non-marking ball bearing casters for smooth movement. Molded graduations for accurate measurements. Yellow.
Part No. MA2633-YE.

UTILITY PAILS

High impact plastic with sturdy handle for easy carrying. Stackable. Snap-on cone wringer is ideal for yacht mops.
Part No. MI70, Heavy duty bucket only, 11 quart capacity.
Part No. MI75, Cone wringer for #MI70.
Part No. BU10721W, Heavy duty double bucket with sliding cone wringer and wheels, 14 litre capacity.

MI70 & MI75

BU10721W

MINI-POUR™ BUCKET

Strong durable plastic. Tapered body helps to empty bucket. Stackable. With ergonomic handle. 10 litre capacity. Blue.
Part No. 10-1200-BL.

WASTE BASKET

Rectangular waste basket. 9" x 11" x 13". Beige.
Part No. WB2815.

GLADIATOR PLASTIC GARBAGE CONTAINERS

Strong construction. Crush resistant, rugged, and durable. Colour is molded into the plastic, will not chip, dent, or crack. Lids snap with a tight fit securely in place. Grey.
Part No. GB2020G, 20 gallon.
Part No. GB2020LG, Lid for 20 gallon.
Part No. GB3232G, 32 gallon.
Part No. GB3232LG, Lid for 32 gallon.

C PRO™ NARROW BAND COTTON CUT END WET MOP HEADS

Top grade cotton for a very durable and absorbent wet mop. Pre-soak prior to use in order to maximize its effectiveness. 2 row stitched, band width 1-1/4".
Part No. MP3P20, 20 oz., green.
Part No. MP3P24, 24 oz., yellow.
Part No. MP3P32, 32 oz., orange.

C PRO™ WIDE BAND COTTON CUT END WET MOP HEADS

Top grade cotton for a very durable and absorbent wet mop. Pre-soak prior to use in order to maximize its effectiveness. 6 row stitched, band width 5".
Part No. MP3P20WB, 20 oz., green.
Part No. MP3P24WB, 24 oz., yellow.
Part No. MP3P32WB, 32 oz., orange.

THE LOOPER™ LOOPED END NARROW BAND WET MOP HEADS

Hospital launderable. A blend of yarn that enables superior absorbency while withstanding repeated laundering and eliminating linting. Looped end construction, fan tail design for maximum floor coverage. 4 row stitched, band width 1¾". White.
Part No. MPLMSWH, Small.
Part No. MPLMMWH, Medium.
Part No. MPLMLWH, Large.
Part No. MPLMXLWH, Extra large.

THE LOOPER™ LOOPED END WIDE BAND WET MOP HEADS

Hospital launderable. A blend of yarn that enables superior absorbency while withstanding repeated laundering and eliminating linting. Looped end construction, fan tail design for maximum floor coverage. 6 row stitched, band width 5". White.
Part No. MPLMLWWH, Large.

SENTREX™ NARROW BAND SYNTHETIC/RAYON CUT END WET MOP HEADS

Superior synthetic/rayon blended mop has a longer life expectancy. Do not require pre-soaking. 4 row stitched, band width 1¾".
Part No. MP4PS20, 20 oz., green.
Part No. MP4PS24, 24 oz., yellow.
Part No. MP4PS32, 32 oz., orange.

SENTREX™ WIDE BAND SYNTHETIC/RAYON CUT END WET MOP HEADS

Superior synthetic/rayon blended mop has a longer life expectancy. Do not require pre-soaking. 6 row stitched, band width 5".
Part No. MP4PS20WB, 20 oz., green.
Part No. MP4PS24WB, 24 oz., yellow.
Part No. MP4PS32WB, 32 oz., orange.

SILKY™ FLOOR FINISHING MOP HEADS

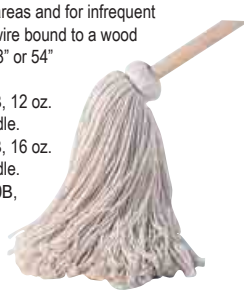
Lint free pre-shrunk finishing mop leaves floors streak free with approximately 25% more shine due to its lint free yarn. Narrow band looped end construction gives longer life and larger floor coverage area.
Easily cleaned and air dried. White.
Part No. FFSILKY16, Finishing mop.
Part No. FF-SILKY20, Waxing mop.

LAUNDRY NET

Polyester mesh bag with drawstring locking closure — for laundering wet mops and dust mops to avoid tangling. 24" x 36". White.
Part No. MILN1020.

COTTON YACHT MOPS

Perfect for small areas and for infrequent users. Securely wire bound to a wood handle in either 48" or 54" length.
Part No. YMY12B, 12 oz. mop with 48" handle.
Part No. YMY16B, 16 oz. mop with 48" handle.
Part No. YMHY20B, 20 oz. mop with 54" handle.



SNAP-N GO™ MOP HANDLE
Will accommodate either narrow or wide band mops. Features a unique lever which gives a new meaning to "hands free". Snap lever open to insert new mop head or discard soiled one. 60" fibreglass handle.
Part No. MH7000F.

JAWBREAKER™ MOP HANDLE
Lock jaw allows for fast and easy release of mop simply by unscrewing the collar. Recommended for wide band mops. 1" x 60" blue fibreglass handle.
Part No. MH160F-BL.

METAL MOP HANDLE
Economical quick change mop handle is designed for both narrow and wide band mops of any size. Zinc plated metal parts to retard corrosion, wing nut and pressure plate are brass plated to eliminate rusting. 1-1/8" x 54" x 7" head with wood handle.
Part No. MH145W.

FLOOR SIGNS
Bright yellow floor signs communicate the necessary warning message for safety. Two sided, 28" tall.
Part No. MI7003, French/English "Caution Wet Floor/Attention Plancher Mouillé".
Part No. MI7005, English "Caution Wet Floor".

LAMBSWOOL DUSTER
100% lambswool, a natural fibre that requires no spray and protects from scratching and streaking. May be laundered with mild soap. 42" long telescopic duster.
Part No. MI525.

FLAT "STICKY" SYSTEM FOR WALL WASHING
Flat "Sticky" holder made of durable plastic with universal locking device allows the use of any standard handle. Unit measures 3-3/4" x 9" and features 360° swivel action. Versatile "sticky" holder features more teeth — like pegs that securely holds wall washing pad or utility scouring pad firmly in place. When used with the launderable cotton washing pad, this is ideal for washing walls, baseboards, and floors. Use the utility pads for scrubbing walls, floors, etc.
Part No. WI17-048, Flat "Sticky" holder only.
Part No. WI17-100, "Sticky" cotton wall washing pad - cut end.
Part No. MIUTPBRO, 10 x 4-5/8" brown utility pad, heavy duty.
Part No. MIUTPBLA, 10 x 4-5/8" black utility pad, coarse.
Part No. MIUTPBLU, 10 x 4-5/8" blue utility pad, medium.

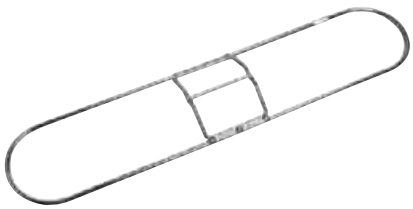
TIE-ON COTTON DUST MOPS
Absorbent and economical. 4 ply high quality cotton yarn that is sewn onto a durable polyester backing. Tie-on style, 5" wide. Natural colour.
Part No. DM518C, 18".
Part No. DM524C, 24".
Part No. DM530C, 30".
Part No. DM536C, 36".

TIE-ON DUST MOP FRAMES
Galvanized metal wire. Frames come complete with 60" handle and feature 360° swivel. For 5" series tie-on mops.
Part No. DTC0524, 24".
Part No. DTC0530, 30".
Part No. DTC0536, 36".

TIE-ON "HI STAT" DUST MOPS
Offers the ability to remove dust without the need for expensive and potentially hazardous dust mop treatments. Special blended yarn is sewn onto a durable polyester backing. Withstands heavy use and repeated commercial laundering without fraying, tangling, etc. 5" wide. Blue.
Part No. DM524N-BL, 24".
Part No. DM530N-BL, 30".
Part No. DM536N-BL, 36".

BREAKAWAY "HI STAT" DUST MOPS
Offers the ability to remove dust without the need for expensive and potentially hazardous dust mop treatments. Special blended yarn is sewn onto a durable polyester backing. Withstands heavy use and repeated commercial laundering without fraying, tangling, etc. 5" wide. Red.
Part No. DMBA518NRD, 18".
Part No. DMBA524NRD, 24".
Part No. DMBA536NRD, 36".
Part No. DMBA548NRD, 48".

SNAP-ON CLAMP STYLE DUST MOP FRAMES
For 5" tie-on dust mops. Frame only.
Part No. DTSN524F, 24".
Part No. DTSN536F, 36".



BREAKAWAY STYLE DUST MOP FRAMES
For 5" dust mops. Its unique foot pedal release means that there is never any need to touch a soiled mop again. 60" handle.
Part No. DTBA518, 18".
Part No. DTBA524, 24".
Part No. DTBA536, 36".
Part No. DTBA548, 48".

COMBINATION SYNTHETIC FILL PUSH BROOM — MEDIUM SWEEPING

Black polypropylene border surrounds the stiff red polypropylene centre which effectively combines medium sweeping of heavier debris. Not affected by water, grease, oil, and most chemicals. Handles sold separately.
Part No. BR216RB18, 18".
Part No. BR216RB24, 24".
Part No. BR216RB36, 36".

BASSINE FILL PUSH BROOM — COARSE SWEEPING

Coarse natural bassine fibre is long wearing and sweeps the most stubborn soils effectively on both wet and dry surfaces. Handles sold separately.
Part No. BR217BF18, 18".
Part No. BR217BF24, 24".

GARAGE PUSH BROOM — COARSE SWEEPING

Durable heavy duty polystyrene makes this broom ideal for sweeping the heaviest soils on rough surfaces in wet or dry applications. Handles sold separately.
Part No. BR224G18, 18".
Part No. BR224G24, 24".
Part No. BR224G36, 36".

STREET/BARN PUSH BROOM — COARSE SWEEPING

For extra rough surfaces, heavy debris and all heavy duty wet and dry applications. Block has 2 tapered handle holdes. For constant outdoor sweeping and scrubbing. Handles sold separately.
Part No. SB225P16, 16".

BROOM BRACE

Metal construction. Connects quickly and easily. Long rod style.
Part No. MI351.

THREADED HANDLE

54" x 15/16" threaded lacquered handle.
Part No. FH354.

METAL TIP HANDLES

For rugged uses. Wood handle/metal tip.
Part No. FH354MF, 54" x 15/16".
Part No. FH360MF, 60" x 15/16".

FIBREGLASS HANDLE

Durable and hygienic fibreglass with nylon standard threaded tip guaranteed not to absorb moisture and bacteria. 54" x 15/16". Blue.
Part No. FH354FB-BL.

TAPERED HANDLE

Hardwood tapered handle. 54" x 15/16".
Part No. FH354WT.

EXTENSION HANDLES

Great for use with any cleaning tool for high or hard to reach areas. With tip and hanger cap.
Part No. FH354EX, Threaded tip, extends to 54".
Part No. FH372EX-NT, Non threaded tip, extends to 72".

FLOW THROUGH HANDLE

Unique 60" fibreglass handle attaches to hose. Threaded end attached to a brush provides you with the added advantage of supplying a continual flow of water for any cleaning application. Yellow.
Part No. FH260FL.

MAGNETIC BROOM

Made of colourful long lasting flagged PVC fibre which is staple set in an industrial large curved plastic block and comes complete with 48" handle. Can be rinsed clean and will dry quickly.
Part No. MB100LP.

RAIL & SWITCH BROOMS

Constructed of polypropylene fibres that are unaffected by water, acids, oils, and most chemicals and do not harbour bacteria. Stiff brown fibre. Handle included.
Part No. CB111.
Part No. CB112, With chisel.

UPRIGHT INDUSTRIAL CORN BROOMS

Bound with polyester stitching and a heavy duty galvanized wire band for long life. For wet or tough sweeping, indoors or out.
Part No. CB107C, Warehouse 3 string, 1 wire corn broom.
Part No. CB110, Yard 1 string, 3 wire w/ cane centre corn broom.
Part No. CB500, 1 wire, 4 string - 50/50 corn broom.

LARGE CORN WHISK

With 3 strings and metal cap w/ hook.
Part No. CB102.

TOOL BRACKETS

Part No. TL100, Single clip holder only.
Part No. TL103, 3 clip tool bracket - 18" bar.
Part No. TL105, 5 clip tool bracket - 36" bar.

MARINO™

LOBBY DUST PAN
Plastic. No bending necessary.
Part No. MI800.

DUST PAN
12" heavy duty plastic dust pan, black.
Part No. MA614.

DUST PAN w/ COUNTER BRUSH
Fine line edged for maximum pick-up.
Part No. MI206D.

LITTER SCOOP
Part No. FR1171, With bag.
Part No. FR1171-500, Bag only.

BANISTER/COUNTER BRUSH
7" wood block w/ Tampico fill. Tampico fibre is a natural long wearing fibre that is considered ideal as an all purpose brush for any surface.
Part No. AB206T.

BI-LEVEL WINDOW/BASEBOARD BRUSHES
Stiff yellow bristles for aggressive scrubbing.
Part No. 60707.

ROUND WINDOW/BASEBOARD BRUSH
White Tampico bristles are staple set to form a plastic block that has two standard threaded holes.
Part No. AB205RWT.

VEHICLE BRUSHES
Blocks come with standard threaded hole with flow through design for attaching a flow through handle. Great for vehicles, windows, siding, and walls.
Part No. AB300F, 10" with green high density flagged fill.
Part No. AB300AR, 10" with grey and white acid resistant fill.

WINDOW BRUSH
8" block with white Tampico fill that is acid resistant and ideal for medium to heavy scrubbing on smooth surfaces. With standard threaded hole that features flow through design for attaching a flow through handle.
Part No. AB205WT.

UTILITY DECK SCRUB BRUSH
11" sanded hardwood block with tapered handle hole. For light to heavy scrubbing of floor surfaces, wood or grouted tiles, smooth and rough surfaces. Features a heavy duty neoprene squeegee blade that is securely attached and allows for quick water removal. Bassine fill.
Part No. AB226B.

HAND SCRUB BRUSH
9" wood block with white Tampico fill ideal for light scrubbing, and won't scratch.
Part No. AB229HWT.

UTILITY POT BRUSH
Stiff bristles, long handle, white polyproylene. 2" fibres. For tough scrubbing in kitchens, hospitals, hotels, etc. 20" handle.
Part No. AB210LW-WH.

BRASS BARBECUE/GRILL BRUSH
Sturdy plastic handle, brass fibres, non-slip grip. For grills, ovens, etc. 18" handle.
Part No. BQ08101.

CARPET SPOTTING BRUSH
For scrubbing stains around your home and workplace.
Part No. 3772.

"SEAL PRO" DRIVEWAY SEALER TOOL
Ideal for applying blacktop or sealer to ashphalt or concrete driveways and pathways. The fibers quickly spreads the sealer while the squeegee quickly gives a smooth finish. 18" long. Handle sold separately.
Part No. FS1800.

SCOURING PADS
Great for heavy duty scrubbing. 6 x 9½", green.
Part No. MIHSPI.

MARINO™

TRIGGER SPRAYER
Adjustable blue and white trigger sprayer with 9" tube. Bottle not included.
Part No. TS5912-9.

24 oz. polyethylene bottle for use with #TS5912-9.
Part No. TS289-PL.

ACRYLIC BOWL SWAB
Made from the finest acid resistant acrylic yarn securely attached to a strong plastic handle. Releases liquid quickly, eliminating dripping.
Part No. MI209.

BOWL BRUSHES
Contoured to facilitate scrubbing and cleaning of toilet bowl and under rim. Polypropylene fibre staple set into a plastic handle.
Part No. MI203, Bowl brush and holder.
Part No. MI204, Bowl brush only.

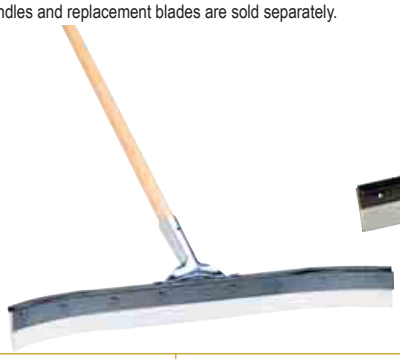
METAL FRAME FLOOR SQUEEGEES

Straight or curved styles. Heavy metal frames are zinc plated for corrosion resistance. Non-marking blades are secured in place with sturdy rust resistant screws. Designed for universal use. Handles and replacement blades are sold separately.

Part No. FS55618, 18" grey/white PVC complete head, straight.
Part No. FS55624, 24" grey/white PVC complete head, straight.
Part No. FS55630, 30" grey/white PVC complete head, straight.
Part No. FS55636, 36" grey/white PVC complete head, straight.

Part No. FS55724, 24" grey/white PVC complete head, curved.
Part No. FS55736, 36" grey/white PVC complete head, curved.

Part No. FS556R18, 18" grey/white PVC refill, for straight or curved.
Part No. FS556R24, 24" grey/white PVC refill, for straight or curved.
Part No. FS556R30, 30" grey/white PVC refill, for straight or curved.
Part No. FS556R36, 36" grey/white PVC refill, for straight or curved.



WIPE 'N CLEAN (MUS) FLOOR SQUEEGEES

Multi-functional floor squeegees. Ideal for patios, decks, garages, basements, driveways, and restaurants. Removes water build-up quickly. Handles sold separately.
Part No. FS18SB, 18" MUS, black, standard.
Part No. FS22SB, 22" MUS, black, standard.
Part No. FS30HB, 30" MUS, black, heavy duty.

WIPE 'N CLEAN PLASTIC (MUS) FLOOR SQUEEGEE W/ SCRUB

22" double MUS floor squeegee and scrub in one. Handle sold separately.
Part No. 60401.

CAR/WINDOW SQUEEGEE

Gentle scrubber with durable rubber squeegee.
Part No. WS09100, 10" head with 20" handle.

WINDOW WASHER

With abrasive strip, plastic T-handle. 14".
Part No. PUV30035.

BRASS WINDOW SQUEEGEE

Brass window squeegee complete. 14".
Part No. PUT35014.

"SCRAP" FLOOR/WINDOW SCRAPER

Plastic 5½" handle.
Part No. PUR01510.

TELESCOPIC POLE

3 piece, 20 ft. total length.
Part No. PUP03600.

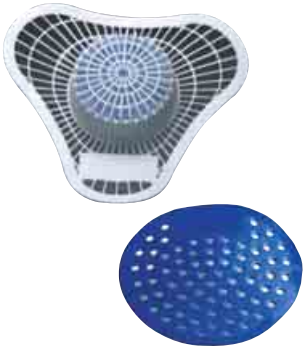
MARINO™

AIR FRESH GEL DISPENSER

Wall mounted and attractively designed with light sensitive photo-electric eye to automatically turn unit on and off. Provides a fresh, fragrant atmosphere 24 hours a day. Set in automatic or manual (on/off) mode. Controls odours up to 3500 cubic feet; fragrance gel refill lasts up to 30 days. Requires 2 "D" batteries.
Part No. AF-180M, Air freshener with light and LED sensor.
Part No. AF09101, Gel refill, cherry.
Part No. AF09102, Gel refill, apple.
Part No. AF09104, Gel refill, mint.

URINAL SCREENS

Simply place plastic screen with open end against centre of urinal. Upon flushing the urinal, the water dissolves a portion of the waxy composition contained in the block, releasing its bacteriostatic ingredients and refreshing scent. Lasts a minimum of 30 days.
Part No. CU40, Urinal screen with non-Para block.
Part No. CU50, Urinal screen with Para block.
Part No. MIUS-2, Urinal screen without block, bubble gum scent.



NIPPERS

40" "Nippers" are ergonomically designed to eliminate constant bending when picking up debris in parking lots, etc. Also a perfect tool for the removal of urinal screens and other objectionable objects.
Part No. PUWO2100.

ALL PURPOSE PLUNGER

Rubber cup provides a snug fit to all types of sinks, drains, and toilets. Its strong suction allows for the movement of all types of stoppages. Black with plastic handle.
Part No. PL2025.

MARINO
Janitorial Supplies

SOAP DISPENSER
Can be filled with liquids such as hand soap, body cleansers, shampoo, and more. Constructed of ABS plastic. Push-style design. Complete with empty 900 ml capacity refillable container.
Part No. SD400.

COMBINATION TOWEL DISPENSER
White. Accepts rolls to 6" diameter or single fold to 10" wide. 9-¾"H x 10½"W x 6¾"D.
Part No. WC101.

TOILET TISSUE HOLDERS
Single roll, chrome. 6-3/8"W x 3-1/8"H x 4-1/4"D.
Part No. WC146.

Double roll, chrome. 12-5/8"W x 3-1/8"H x 4-1/4"D.
Part No. WC150.

FROST
Sanitation Accessories

ROLL & SINGLE FOLD DISPENSER
White. Universal towel dispenser will accept all standard single fold and roll towels (max. 6" diameter and up to 10" wide).
Part No. 101.
Part No. 101-1, with keyed tumbler lock.

JUMBO ROLL TOWEL DISPENSER
White. Offers maximum towel capacity in a compact unit. Universal towel dispenser will accept all standard roll towels (max. 7-1/8" diameter and up to 8" wide). This includes almost all 425 ft. jumbo rolls and the Scott 500 ft. rolls. Comes with keyed tumbler lock.
Part No. 101J.

MULTIFOLD TOWEL DISPENSER
White. Compact size. The unit opening will dispense multifold and "C" fold towels. Comes with keyed tumbler lock.
Part No. 105.

CONTROL ROLL TOWEL DISPENSER
Designed to dispense Jumbo 8" diameter (4" reserve roll) x 8" wide towels. Controlled delivery is easy with push action lever. Comes with keyed tumbler lock.
Part No. 109-50W, white.
Part No. 109-50P, smoked transparent plastic front.

HANDS FREE TOWEL DISPENSER
White. Designed to dispense jumbo roll towels max. 8" diameter (1½ - 2" cores). Large detection zone senses hand when placed in a natural position under dispenser to deliver a 12" length of towel. Operates with 4 "D" size alkaline batteries.
Part No. 109-70W.

STANDARD ROLL DISPENSER
Polished chrome finish. Designed for standard 11" rolls. All welded construction of 18 ga. steel. Pivot arm hinges on hardened steel rivets. Tension springs restrict paper consumption. Concealed locking device.
Part No. 126.

Sanitation Accessories

ROLL TOILET TISSUE DISPENSERS
Polished chrome finish. Tension springs restrict paper consumption to prevent free wheeling of roll. Concealed self locking device.
Part No. 146, single roll.
Part No. 150, double roll.

RESERVE ROLL TOILET TISSUE DISPENSERS
Stainless steel. Dispenses all standard toilet tissue rolls. Dispenses its reserve second roll after the first roll is empty. Comes with keyed tumbler lock.
Part No. 165.

JUMBO TOILET TISSUE DISPENSERS
White. Designed to dispense 10" or 13" roll maximum with 2-1/4" to 3" spindle diameter. Comes with keyed tumbler lock.
Part No. 166, 10" roll.
Part No. 168, 13" roll.

TABLE NAPKIN DISPENSER
Polished chrome finish. Table napkin dispenser. Will accept all standard napkins.
Part No. 195.

FREE STANDING WASTE RECEPTACLES
Can be used in almost any applications. The medium and small units fit under most countertops. The all metal construction is ideally suited for fire protection and rugged use. Rounded soft edge design. All welded construction of 22 gauge cold rolled steel. Comes with standard bag holder apparatus. White finish.
Part No. 302-NL, Small, 26-3/4" high (68cm).
Part No. 301-NL, Medium, 34-3/4" high (88cm).
Part No. 300-NL, Large, 42" high (109cm).

FREE STANDING WASTE RECYCLING RECEPTACLE
Part No. 301R-NL, Medium, 34-3/4" high (88cm), recycling blue finish.

OPTIONAL LINERS
Optional light weight 26 gauge galvanized steel liner provides extra fire protection.
Part No. 300-500, liner for 300-NL.
Part No. 301-500, liner for 301-NL.
Part No. 302-500, liner for 302-NL.

WALL MOUNTED WASTE RECEPTACLE
Designed to conserve floor space in medium to light duty areas. All steel construction offers maximum fire protection with no openings on sides or bottom of unit. Comes with standard bag holder apparatus. White finish.
Part No. 303-NL, 33" high (85cm).

Part No. 303-500, optional galvanized liner.

FREE STANDING ASH URNS
Ash urn 18" high. Stainless steel top with black body, 18 ga. cold roll steel.
Part No. 914.

TANK TYPE LIQUID SOAP DISPENSER
Drawn and welded construction of 20 ga. stainless steel. Easy refill at top. All purpose valve. Keyed lock filler cap. Lucite soap level indicator window. All mounting screws concealed.
Part No. 708A, vertical mounting.
Part No. 710A, horizontal mounting.

GRAVITY FED LIQUID SOAP DISPENSER
Chrome plated gravity fed push up type liquid soap valve. Globe screws into wall bracket and valve. Recommended for use with coconut oil base, easy flowing liquid soaps.
Part No. 700.

HALF MOON WALL URNS
8" diameter. Satin chrome finish. Half moon wall urns are ideal for high traffic areas providing safe (rounded) edges to guard against accidental knocks and bumps. 22 gauge steel.
Part No. 911C.

OUTDOOR ASH BIN
Heavy duty all stainless unit is ideal for pedestrian common areas. Door secured with tumbler lock. 18 ga. stainless steel.
Part No. 909.

VANDAL RESISTANT MIRRORS

One piece stainless steel channel frame with mitred corners provides rigid assembly. Comes in bright annealed finish. Vandal resistant concealed three way mounting. Comes in flush wall mount. 4mm glass with shock resistant primary back.
Part No. 941-1624, 16" x 24".
Part No. 941-1630, 16" x 30".
Part No. 941-1824, 18" x 24".
Part No. 941-1830, 18" x 30".
Part No. 941-2424, 24" x 24".
Part No. 941-2430, 24" x 30".
Part No. 941-2436, 24" x 36".

STANDARD WASHROOM SIGNAGE

Durable engraved plastic signage. Engraved portion are white with blue relief. All signage is self adhesive.
Part No. 960, Male symbol.
Part No. 961, Female symbol.
Part No. 962, Wheelchair, Male.
Part No. 963, Wheelchair, Female.
Part No. 964, Handicap symbol only.
Part No. 965, Male/Female symbol.

AUTOMATIC 'NO TOUCH' WARM AIR HAND/ HAIR DRYERS

Touch free sensor is activated when hands are placed within the set range under spout. Approximately 20 second drying time. There is a .6 sec delay for on and a 2 second delay for off. The power will cut off automatically in cases of irregular use over 120 seconds, sensor will reset during normal use.
Part No. 1187, white finish, 120 volts.
Part No. 1187-1, white finish, 220 volts.
Part No. 1188, chrome finish, 120 volts.
Part No. 1188-1, chrome finish, 220 volts.
Part No. 1189, cast iron, 120 volts.
Part No. 1189-1, cast iron, 220 volts.
Part No. 1190, brushed steel finish, 120 volts.
Part No. 1190-1, brushed steel, 220 volts.

1187

1188

1189

1190

DEODORIZER

Chrome plated 20 gauge steel surface mounted fixture holds all standard size deodorant blocks.
Part No. 1100.

BROOM / MOP RACK

All welded construction of type 304 stainless steel with brushed finish.
Part No. 1113, 3 holders, 26" long.
Part No. 1114, 4 holders, 36" long.

CORNER GUARD

18 ga. stainless steel, brushed finish. Full length self adhesive backing (1/2" x 40") allows for quick installation. Dimensions: 4" x 4" x 40".
Part No. 1117.

SINGLE COAT HOOK

Hooks are fabricated from 12 ga. (.1") thick solid stainless steel. Hook ends are 1" radius with all edges deburred.
Part No. 1146.

PERMATREET is a dressing developed with built-in magnetic action for treatment of dust mops and cloths. Recommended for maintaining many types of floors, sealed wood, polished furniture, painted and plastic surfaces. It was designed to provide big savings in time and labour.
APPLICATION: Treated dust mops and cloths reduce airborne dust, bacteria and viruses which circulate when sweeping with push brooms and untreated cloths. They hold the dust, dirt and grit securely leaving floors and surfaces clean, dry and dust free. Shake the mop over a sheet of newspaper to release the soil. It will not discolour or stain floors and it leaves no greasy film. PERMATREET preserves the beauty of floor finishes and extends the cleaning and finishing cycles. It can be used on the following floors: vinyl, vinyl-asbestos, rubber and asphalt tiles, linoleum, gym and sealed cork, treated wood, terrazzo, marble, concrete, quarry tile, and ceramic, etc.
Part No. DMT-4L, 4 litre jug.

Janitorial/Toilet Chemicals

Part No. 21-155, 85 gram pink Parazene urinal block w/ cherry odour fighting fragrance, individually sealed
Part No. 29-955, "Ever Screen" plastic urinal screen. Dual action cleaning and 100 gram spice fragrance urinal block

Part No. 21-111, 455 gram rectangular air purifier block, cherry, individually sealed. Very effective odour control in large areas.
Part No. 29-907, Plastic holder for #21-111 air purifier block

Part No. 22-211, 4 litre jug orange hand soap. Extra mild, pleasantly tangerine perfumed, lotionized.
Part No. 22-221, 4 litre jug pink hand soap. Extra mild, pleasantly perfumed, lotionized. Very effective in hard water.

Part No. 14-201, 4 litre jug neutral all-purpose cleaner. Non-toxic, non-flammable, non-corrosive. Cleans without harming wax. For floors, walls, countertops, and a variety of other cleaning jobs.
Part No. 14-202, Same as #14-201, except 20 litre pail.

Part No. 42-111, 20 kg pail powdered laundry detergent. Concentrated, low-foaming detergent. Economical to use because of its concentrated formula. Safe for all fabrics and in any type of machine.

Part No. 16-261, 1 litre bottle non-acid cleaner. For washrooms (bowls, urinals, etc.), kitchens, or any hard surface. No caustics, abrasives, or acids.

CONCENTRATED INDUSTRIAL BLEACH

JJJ/2902

12% Bleach is a concentrated bleaching solution, which also makes an excellent deodorizer and sanitizer for cleaning surfaces that are not damaged by its strong action. Dilute with water or use at full strength for sanitizing washrooms, kitchens and kitchen equipment, and in similar areas. All food contact surfaces must be rinsed well with potable water. Biodegradable. NOTE: Never mix with bowl cleaner, ammonia or other cleaners. Poisonous gas may be liberated.
Part No. BLEACH-12-4L, 4 litre jug 12% industrial bleach
Part No. BLEACH-12-20L, 20 litre pail 12% industrial bleach

CLEAROMA™

JJJ/1225

Odour Control Products

Why CLEAROMA™ Products Work Best
Clearoma™ is a secret, scientifically designed blend of natural organics, essential oils, natural aldehydes, esters and ketones with vapour pressure reducing properties. The vapour pressure reducing reaction attacks malodorous compounds that typically contain sulphur and nitrogen, altering their aromatic character, allowing the Clearoma™ fragrance compound to deliver a pleasant scent. Clearoma™ contains proprietary aroma chemicals with specific malodor suppressing properties. 100% biodegradable and safe to use anywhere.

Clearoma™ Sprayer
•Ideal for odour control around the house or in your vehicle •Works exceptionally well to control cigarette smoke •A single spray will destroy the lingering odour of smoke •Keep garbage cans, pet litter boxes, smelly footwear and sports equipment smelling fresh •Handles smoke and water damage odours. Rugs, carpets or draperies will smell fresh and clean after use •Simply spray as required to eliminate offensive odours
Part No. AMS-125, 125 ml finger sprayer.
Part No. AMS-500, 500 ml trigger spray.

Clearoma™ Liquid READY-TO-USE
•Ready-To-Use is specially formulated for recharging Gel-Paks™, hand sprayers, and other specialized dispensing devices. This formula is effective for general household uses, as well as automobiles, boats, RV's, sick rooms, washrooms, musty basements, closets, cooking odours, cigarette smoke, pet odours (litter boxes etc.), rugs, carpets, laundry and diaper pails, garbage containers, smelly footwear and sports equipment.
Part No. AML-475, 475 ml bottle.
Part No. AML-950, 950 ml bottle.
Part No. AML-4, 4 litre jug.

Clearoma™ Gel-Pak™
•Provides a consistent source of high powered odour control •Ideal for closets, storage bays or any confined area in your home, office, or RV •Open the container and let it go to work for you •The Gel-pak™ is reusable - when the liquid has evaporated usually in 4 to 5 weeks, simply pour more Clearoma™ liquid into the container and watch as the high grade polymers regenerate themselves and the Gel-Pak™ is ready to go to work
Part No. AMG-250, 250 ml container.
Part No. AMG-500, 500 ml container.
Part No. AMG-4, 4 litre container.

Rubbermaid Commercial Products

ROUND BRUTE® CONTAINERS & LIDS

Waste handling workhorse. All plastic professional grade construction, will not rust, chip or peel, and resists dents.
Part No. 2610-GREY, Round Brute container, 37.9 litre, grey
Part No. 2609-GREY, Lid for #2610 container, grey

Part No. 2620-GREY, Round Brute container, 75.7 litre, grey
Part No. 2619-GREY, Lid for #2620 container, grey

Part No. 2632-GREY, Round Brute container, 121.1 litre, grey
Part No. 2631-GREY, Lid for #2632 container, grey
Part No. 2637-GREY, Duramold Brute dome top lid for #2632, grey

Part No. 2643-GREY, Round Brute container, 166.5 litre, grey
Part No. 2645-BLACK, Lid for #2643 container, black
Part No. 2647-GREY, Duramold® Brute dome top lid for #2643 container, grey

Part No. 2640, Brute dolly for #2620, #2632, #2643 containers, black

SQUARE BRUTE® BIG WHEEL® CONTAINER W/ LID

Provides easy mobility during general refuse collection and material handling. Constructed of tough Dur-x™ resin for long life. 189.3 litre. Blue.
Part No. 9W27-BLUE.

SLIM JIM® CONTAINER & TOPS

Efficient size and shape for tight spaces. Durable, all plastic construction. 87.1 litre. Grey container; tops as noted.
Part No. 3540-GREY.
Part No. 2673-GREY, Untouchable® top for #3540, grey.
Part No. 2692-BROWN, Slim Jim bottle and can recycling top for #3540, brown.
Part No. 2703-BLUE, Slim Jim paper recycling top for #3540 container, dark blue.

SQUARE UNTOUCHABLE® CONTAINERS & TOPS

For hygienic, hands-free refuse disposal. Durable and crack resistant, even under tough indoor/outdoor conditions. Containers are beige, tops as noted.
Part No. 3568-BEIGE, 71.9 litre.
Part No. 3569-BEIGE, 87.1 litre.
Part No. 2689-BEIGE, Untouchable top for #3568 or #3569, beige.
Part No. 3624-BROWN, Square swing top for #3568 or #3569, brown.

HALF ROUND UNTOUCHABLE® CONTAINER & TOP

For hygienic, hands-free refuse disposal. Durable and crack resistant, even under tough indoor/outdoor conditions. Containers are beige, tops are black.
Part No. 3520-BEIGE, 79.5 litre.
Part No. 3620-BLACK, StyleLine Series® top for #3520.

PROFILE SERIES® CONTAINER W/ LID

Wall mounting keeps the container out of pedestrian traffic and allows for floor cleaning. Comes with complete hardware. Factory Mutual approved for fire safety when wall mounted. 56.8 litre, beige.
Part No. 7822-BEIGE.

STEP-ON CONTAINERS FOR OILY WASTE

For safe and efficient separation of combustible waste. Bold "Empty Every Night" imprint. FM approved. Red.
Part No. 6143, 30.3 litre.
Part No. 6144, 45.4 litre.

Rubbermaid Commercial Products

SOFT WASTEBASKETS

Provides space efficiency and economical value. All plastic construction won't chip, rust or dent. Beige.
Part No. 2955-BEIGE, Small, 12.9 litre.
Part No. 2956-BEIGE, Medium, 26.6 litre.
Part No. 2957-BEIGE, Large, 39 litre.

MARSHAL® CONTAINERS W/ LID

Practical good looks and fire safety combined. FM approved. Beige.
Part No. 8160-BEIGE, 56.8 litre.
Part No. 8170-BEIGE, 94.6 litre.

RANGER® CONTAINER W/ LID

Designed for outdoor use. Built to withstand extreme weather. FM approved. Beige.
Part No. 8430-BEIGE, 132.5 litre.

DURAMOLD® SMOKING URN W/ METAL ASHTRAY TOP

Easily blends in with furniture and fixtures. Metal ashtray top. Black/chrome. 11-1/2" x 19-1/2".
Part No. 2585.

Janitorial/Commercial Products

PALLETOTE® BOXES

For convenient, versatile storage. Heavy duty, all plastic construction for long life. Grey.
Part No. 1721, 19½" (L) x 15½" (W) x 10" (H).
Part No. 1722, 19½" (L) x 15½" (W) x 13" (H).
Part No. 1731, 23½" (L) x 19½" (W) x 10" (H).
Part No. 1732, 23½" (L) x 19½" (W) x 13" (H).
Part No. 1720, Palletote lid for #1721, #1722 boxes.
Part No. 1730, Palletote lid for #1731, #1732 boxes.

Rubbermaid®
Commercial Products

TRADES CART

Moves productivity right to the work site - a total tool storage and mobile workbench system. Four compartmentalized parts boxes and two storage bins hold essential hand tools and supplies. 16" casters, 30" (L) x 19¼" (W) x 33⅜" (H), 330 lbs. capacity.
Part No. 6180.

UTILITY CART

Transports equipment and supplies with stability. 2 shelf, 36" (L) x 24" (W) x 32¼" (H), 600 lbs. capacity, black.
Part No. 4520-BLACK.

PLATFORM TRUCK

Built for durability. Sturdy structural foam construction won't rust, dent or splinter. 36" (L) x 24" (W), 5" dia. x 1-1/4" wide rubber casters, crossbar handle, 500 lbs. capacity.
Part No. 4403.

STRUCTURAL FOAM TILT TRUCK

Easy to clean and virtually maintenance free. Designed for general refuse collection and light to medium materials handling. Mark resistant casters. 64½" (L) x 30¼" (W) x 38" (H), 400 lbs. capacity.
Part No. 1011.

TOOL BOXES

Larger, professional grade tool boxes and chests for commercial/industrial use. Made of sturdy polypropylene structural foam construction that won't rust, dent, chip, or peel. Removable trays. #7802 and #7803 can be padlocked for security — improved solid metal latches are designed to open and close easily. Grey.
Part No. 7802, 26" (L) x 11⅛" (W) x 11⅛" (H).
Part No. 7804, 36" (L) x 18½" (W) x 20⅛" (H).

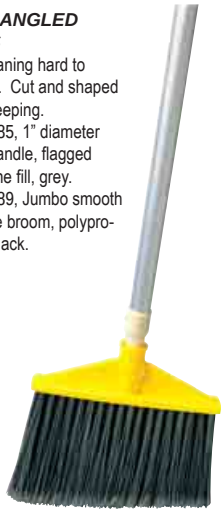
JANITOR CART

With yellow vinyl bag for convenient, versatile storage. Gives a professional image and helps save time. 46" (L) x 21¾" (W) x 38⅜" (H), black.
Part No. 6173-BLACK.

Rubbermaid®

BRUTE® ANGLED BROOMS

Ideal for cleaning hard to reach areas. Cut and shaped for easy sweeping.
Part No. 6385, 1" diameter aluminum handle, flagged polypropylene fill, grey.
Part No. 6389, Jumbo smooth sweep angle broom, polypropylene fill, black.



DUST PAN

Innovative design for improved performance. 12¼" (L) x 8¼" (W) x 2⅝" (D), charcoal.
Part No. 2005.

HANDLES & BRACES

Provide a solid connection for brooms and sweeps.
Part No. 6351, Wood handle, threaded, lacquered, 54" (L) x 15/16" (dia.).
Part No. 6352, Wood handle, tapered, sanded, 54" (L) x 1⅛" (dia.).
Part No. 6355, Aluminum handle, plastic threaded tip, vinyl grip, 57" length, grey.
Part No. 6364, Wood handle, threaded metal tip, lacquered, 60" (L) x 15/16" (dia.).

BRUTE® BUCKETS

Round with molded-in graduations for accurate measuring. Grey.
Part No. 2963-GREY, 9.5 litre.
Part No. 2614-GREY, 13.2 litre.

DOUBLE PAIL

Allows separation of cleaning solution and rinse water for an easy to use cleaning system. 16.1 litre. Grey.
Part No. 2617.

TOILET BOWL BRUSHES

Convenient and easy to use.
Part No. 6301, Plastic fill, 17¾" length.
Part No. 6320, Polypropylene fill, plastic handle, 17" length.

6320

COUNTER BRUSHES

Perfect for quick clean-ups. Structural foam blocks with 8" bristle coverage. 12½" length.
Part No. 6341, Tampico fill.
Part No. 6342, Flagged polypropylene fill.

FLOOR SIGNS

Lightweight and versatile, but make a heavy statement about safety. 25" high (open). Two-sided. Yellow.
Part No. 6112, "Caution" (multi-lingual).
Part No. 6112-77-YELLOW, "Caution Wet Floor".
Part No. 6112-78, "Closed" (multi-lingual).

BUCKET/WRINGER COMBINATION PACKS

Mop bucket features multi-lingual "Caution" imprint, raised back design and low front rim to help reduce potential back strain. Mop wringers feature corrosion resistant handles and hardware for long product life. 24.6 - 33.1 litre mop bucket. Yellow.
Part No. 7580-YELLOW, Combo pack with .3 - .9 kg sideward pressure wringer.
Part No. 7577-YELLOW, Combo pack with .5 - .9 kg downward pressure wringer.

7580-YELLOW

7577-YELLOW

DURA-PRO® 4-PLY CUT-END COTTON MOPS

Economical, for general purpose cleaning.
Part No. F156, 16 oz. white mop head, 5" blue headband.
Part No. F157, 20 oz. white mop head, 5" blue headband.
Part No. F158, 24 oz. white mop head, 5" blue headband.
Part No. F159, 32 oz. white mop head, 5" blue headband.
Part No. F116, 16 oz. cotton mop head, 1" orange headband.
Part No. F117, 20 oz. cotton mop head, 1" orange headband.
Part No. F118, 24 oz. cotton mop head, 1" orange headband.
Part No. F119, 32 oz. cotton mop head, 1" orange headband.

DURA-PRO® 4-PLY CUT-END BLEND MOPS

Blend mop — cotton/rayon/synthetic yarn blend for good performance and durability.
Part No. F556-BLUE, 16 oz. blue blend mop head, 5" blue headband.

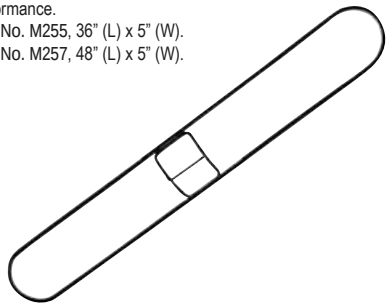
GENERAL PURPOSE 4 PLY RAYON CUT-END MOPS

Very economical. White.
Part No. F416, 16 oz. rayon mop head, 1" orange headband.
Part No. F417, 20 oz. rayon mop head, 1" orange headband.
Part No. F418, 24 oz. rayon mop head, 1" orange headband.
Part No. F419, 32 oz. white rayon mop head, 1" orange headband.

Rubbermaid®
Commercial Products

KUT-A-WAY® DUST MOPS
An excellent alternative for general purpose dust mopping. Launderable for long product life. Half-tie backing style. Blue.
Part No. K155-BLUE, Blue dust mop, 36" (L) x 5" (W).
Part No. K157-BLUE, Blue dust mop, 48" (L) x 5" (W).

SNAP-ON WIRE DUST MOP FRAMES
Powder coated, heavy duty metal frame for durable performance.
Part No. M255, 36" (L) x 5" (W).
Part No. M257, 48" (L) x 5" (W).



SNAP-ON WIRE DUST MOP HANDLE
Sliding collar locks the handle into position or allows for a full 360° swivel action. Hardwood. 60" length.
Part No. M116.

GRIPPER® WET MOP HANDLES W/ MICROBAN® ANTIMICROBIAL PROTECTION
Holds mop firmly between the jaws of the mop handle. Use with 5" headband mops. Plastic head. Aluminum handle.
Part No. H225, 54" length.
Part No. H226, 60" length.

INVADER® WET MOP HANDLES W/ MICROBAN® ANTIMICROBIAL PROTECTION
Hinged side gate allows mop to easily slide on and off handle. Thumb wheel clamps the mop firmly in place. Use with 1" headband mops. Plastic head. Aluminum handle.
Part No. H125, 54" length.
Part No. H126, 60" length.

SWEEPER
For floors and low pile carpets.
Part No. 4212.

STEPSTOOL
Heavy duty stepstool glides easily on retractable rubber casters. Supports loads up to 350 lbs. 16" diameter base x 13" (H). Black.
Part No. 2523-BLACK.

Rubbermaid®

Commercial Products

PUSH BROOM HEADS — Stiff Sweeping
Most popular heavy duty maintenance stiff sweeping broom, ideal for parking lot, driveway, snow or grain. Good in wet or dry conditions. Filled with .030 polypropylene offering unsurpassed durability and strength.
Part No. 2104-18, 18".
Part No. 2104-24, 24".
Part No. 2104-36, 36".

PUSH BROOM HEADS — General Purpose
Economical general purpose, all Tampico fill, good for smooth and uneven surfaces.
Part No. 2105-18, 18".
Part No. 2105-24, 24".
Part No. 2105-36, 36".

PUSH BROOM HEADS — Combination
Combination broom, the fibres are soft feathered tip synthetic on the outside and a stiff fibre centre. Good for fine dust and debris - e.g. wood or welding.
Part No. 2106-18, 18".
Part No. 2106-24, 24".
Part No. 2106-36, 36".

PUSH BROOM HEAD — Street/ Stable
Street/stable broom, 4½" trim of synthetic stiff fibre. Suited for garage, street, and areas where heavy coarse material needs to be moved.
Part No. 109-16S, 16" broom head.

WHISK BROOM
2 thread, 100% corn.
Part No. C101.

CORN BROOM
Heavy duty industrial corn broom, 1 wire, 4 threads, 100% corn.
Part No. C108.

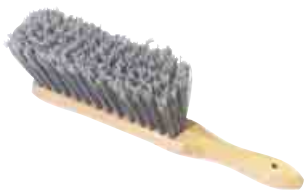
TRACK BROOM WITH CHISEL
Upright coarse sweep. Constructed of crimped polypropylene fibre, heat sealed, and mounted in a durable metal housing. Comes complete with a hardened steel chisel mounted in the handle for removing compacted snow, ice, or dirt.
Part No. 6214.

RIG SCRUB BRUSH — Round
5-1/4" round hardwood back, filled with natural Union fibre. Bolt type.
Part No. 1601.

RIG SCRUB BRUSHES
21" long handle, 4½" x 4½" brush face.
Part No. 1300, Nylon fill.
Part No. 1301, Union fibre fill.
Part No. 1305, Tampico fill.

PETROLEUM INDUSTRY PIPE BRUSH
16" handle. Constructed from high density polypropylene. Tested to -50°F. 2¾" O.D. x 2¾" brush face.
Part No. 1201-NG, with no guard.
Part No. 1202-G, with guard.

COUNTER & BENCH BRUSH
14" counter and bench brush. 9" head, 2¾" grey PVC/fine bristles. Feather tip.
Part No. 607.



ACID BRUSH
5-3/8" handle c/w 3/8" x 1" nylon bristles.
Part No. 710.

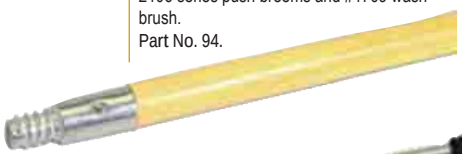
TWIN-BLADED FLOOR SQUEEGEES
Galvanized metal frame with splash guard and reinforced handle socket. These unique floor squeegees clean all different types of surfaces including brick, cement and even tile.
Part No. 740-22, 2" x 22" black natural rubber blade, general purpose.
Part No. 740-30, 2" x 30" black natural rubber blade, general purpose.
Part No. 743-30, 2" x 30" red oil resistant neoprene rubber blade.

DECK & FLOOR SCRUB BRUSH HEAD
2½" x 9" wood block, Union fill. Bolt type.
Part No. 1705-BT.

VEHICLE WASH BRUSH HEAD
10" x 2½" wide, plastic back flagged grey and orange. PVC fill.
Part No. 1709.

May not be exactly as illustrated.

THREADED METAL TIP HARDWOOD HANDLE
15/16" x 54". For use with #2104, 2105, and 2106 series push brooms and #1709 wash brush.
Part No. 94.



FLOW-THROUGH TELESCOPIC HANDLE
Heavy duty drip-free handle adjusts from 36" to 62". Cushioned handle grips provide ease of use and comfort.
Part No. 9560.

COTTON YACHT MOP
Complete with 48" handle.
Part No. 12Y, 12 oz.

FIBERBUILT MANUFACTURING INC.
INNOVATIVE FIBER SOLUTIONS

FIBERBUILT®

Brooms & Brushes

LONG TAPER HARDWOOD HANDLE
1/8" x 60". For use with floor squeegees and 109-16S stable broom.
Part No. 85.

TAPERED HARDWOOD HANDLE
Complete with #91 casting. 15/16" x 54". For use with bolt style broom heads.
Part No. 81.

ROD STYLE UNIVERSAL BRACE
Fits all brooms, provides a solid, secure connection between broom head and handle.
Part No. 15.

HANDLE CONNECTOR
For bolt style broom heads.
Part No. 91.

FIBERBUILT®
MANUFACTURING INC.
INNOVATIVE FIBER SOLUTIONS

MALLORY® PRODUCTS

Snowbrushes, Scrapers & Window Cleaning Tools

VALU REACH SWEEP™ SNOWBRUSH
25" long, double row wood snowbrush with durable scraper.
Part No. 203CT.

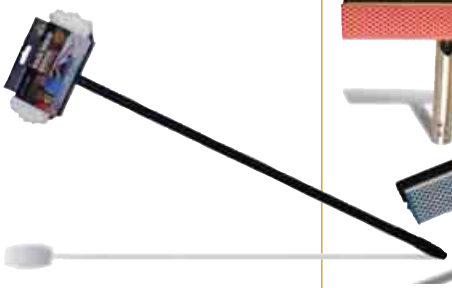
MAXX® 35 SNOWBRUSH
35" long, with foam grip, and unbreakable ice scraper.
Part No. 889-35.

TELE SNOWBROOM™
28" - 43" telescoping handle with external lock and foam grip, 7" head with rubber squeegee blade.
Part No. 511E.

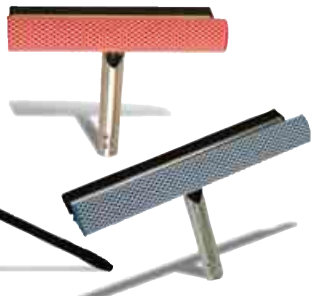
BIG BLADE SCRAPER™
10" long x 3-7/8" wide blade.
Part No. 898.

HANDY WASH MATE™ FLOW-THRU WASH BRUSH
14" overall length, soft-tip bristles, slim torpedo head, and ribbed comfort grip.
Part No. 76101.

DIP 'N WASH™ ALL PURPOSE WASH BRUSH
47" overall length, 8" wide head with bumper, long tip bristles, and steel handle.
Part No. 76221.



SQUEEGEE HEAD
Zinc plated squeegee head with protective side guard and superior long life scrub netting.
Part No. 12-808NY, 8" head.
Part No. 12-810NY, 10" head.



SMALL SQUEEGEE
6" one piece red plastic head and handle — superior scrub netting and rubber blade. With hang-up hole.
Part No. 806NY.

THREADED HANDLES
Red handle, fits squeegee heads, 15/16" diameter. Plastic or hardwood.
Part No. 115, 15" plastic handle.
Part No. 111, 20" hardwood handle.

CHAMPION™ WINDOW SQUEEGEE
Quality rubber blade in aluminum channel, and texturized comfort grip - display carded.
Part No. 835-12, 12" head.
Part No. 835-16, 16" head.

PLASTIC BUCKET
2 gallon rectangular bucket w/ handle, 11" wide.
Part No. 864.

Mallory

MALLORY® PRODUCTS
Snowbrushes, Scrapers & Window Cleaning Tools

WINDOW WASHER™
10" wide with 6-1/2 ft. all-aluminum telescoping pole. External lock, washer head with superior scrub netting and special KleenEdge™ squeegee, display carded.
Part No. 10NY-EC.
Part No. 810NYR, Replacement head.

THREADED ALUMINUM HANDLE
54" threaded aluminum handle with grip, fits squeegee heads.
Part No. 118-54.

QUICKREACH™ TELESCOPING POLE
Aluminum pole with external lock and threaded metal tip.
Part No. 113-7, 6½ ft. extended, 43¼" collapsed.
Part No. 113-8, 8 ft. extended, 51" collapsed.
Part No. 114-13, 13 ft. extended, 60½" collapsed.
Part No. 114-16, 16.5 ft. extended, 74¾" collapsed.

REPLACEMENT BLADES W/ UNIVERSAL HOLES
General Purpose Grey Rubber - Fits #840, #843 Squeegees
Part No. 840R-24, 24" replacement blade
Part No. 840R-36, 36" replacement blade

Oil Resistant Red Rubber - Fits #841, #844 Squeegees
Part No. 841R-24, 24" replacement blade
Part No. 841R-36, 36" replacement blade

LACQUERED HARDWOOD HANDLE
Part No. 116, 54" x 1⅛" lacquered hardwood, fits all Mallory floor squeegees

INDUSTRIAL FLOOR SQUEEGEES
Straight Model w/ General Purpose Grey Rubber Blade
Part No. 840-18, 18" blade
Part No. 840-24, 24" blade
Part No. 840-30, 30" blade
Part No. 840-36, 36" blade

Straight Model w/ Oil Resistant Red Rubber Blade
Part No. 841-24, 24" blade
Part No. 841-30, 30" blade
Part No. 841-36, 36" blade

Curved Model w/ General Purpose Grey Rubber Blade
Part No. 843-24, 24" blade
Part No. 843-30, 30" blade
Part No. 843-36, 36" blade

Curved Model w/ Oil Resistant Red Rubber Blade
Part No. 844-24, 24" blade
Part No. 844-30, 30" blade
Part No. 844-36, 36" blade

Floor squeegees and handles sold separately

HYDROSQUEEGEE
Water Powered Floor Squeegee

When it comes to floor cleaning devices, nothing beats a squeegee — especially if you combine it with water. The new HydroSqueegee gives you water on demand! With a push of the valve, water sprays out just in front of the rubber squeegee blade, blasting away dirt and debris. The squeegee picks up what is left, leaving your floor spotless. Perfect for use in factories, warehouses, plants, farms, and garages.

Part No. HS-30-GR, 30" HydroSqueegee with non-marking grey rubber
Part No. HS-30-BF, 30" HydroSqueegee with black double edge soft foam

Part No. R-30-BF, 30" black double edge soft foam replacement blade
Part No. R-30-RF, 30" red oil resistant double edge soft foam replacement blade
Part No. RH-54, 54" replacement flow-through handle
Part No. RV-5, Twist on/off replacement valve with quick connect

Easy-Twist valve for on/off water supply wherever you're working

STRUCTRON®

JJJ/2595

Superhandle®

Structron's dedication to quality has made "Superhandle®" an exceptional value for both the professional contractor and quality conscious homeowner. The combination of Structron's proven craftsmanship and state-of-the-art fibreglass technology outperform all other wood, metal, or fibreglass handled products on the market. Superhandle® products are built for strength and are made from millions of fibreglass strands and continuous strand mats bonded together with a yellow polyester resin. These handles will not conduct electricity and have a "memory" to avoid kinking or denting allowing continuous operation under heavy use.

Part No. CE24, 2 section handle - 2 ft. to 4 ft. extension with threaded collar lock
Part No. CE48, 2 section handle - 4 ft. to 8 ft. extension with threaded collar lock
Part No. CE612, 2 section handle - 6 ft. to 12 ft. extension with threaded collar lock
Part No. CE816, 2 section handle - 8 ft. to 16 ft. extension with threaded collar lock

Part No. SS48, 1" x 48" utility straight handle
Part No. SS60, 1" x 60" utility straight handle
Part No. SS72, 1" x 72" utility straight handle

EDGEWOOD

EDG/1996

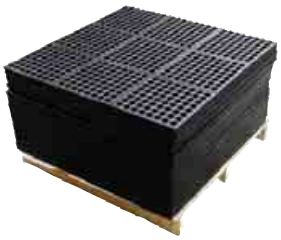
Matting

WIDERIB RUBBER MATTING

Is an economical floor protector, designed to provide increased longevity to existing flooring along with ease of maintenance. Recommended applications: Runner mats, boot mats, oilfield, indoor/outdoor mats, etc. Black; 1/8" thick. Sold by the foot.
Part No. WRS220300, 3 ft. wide Widerib rubber matting
Part No. WRS220400, 4 ft. wide Widerib rubber matting

VALUEFLEX MATTING

Multi purpose matting. Elevated anti-fatigue support. Flow through surface for excellent drainage. Built in connector on 1 side. Aggressive scraping action. Tough SBR rubber construction. Recommended Applications: work stations, cashiers, assembly lines, printing stations, industrial entrances. 5/8" thick.
Part No. VFX220303, 3 ft. x 3 ft. ValueFlex mat, black



COCO MATS

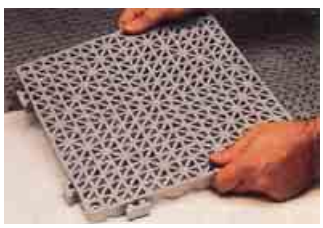
Coco mats provide aggressive soil and moisture removal at entrances. They come in a variety of sizes and are 1-1/8" thick. Recommended applications: oilfield, residential, and industrial applications. Natural colour.
Part No. COC051830, 18" x 30" coco mat.
Part No. COC052033, 20" x 33" coco mat.
Part No. COC052439, 24" x 39" coco mat.
Part No. COC052642, 26" x 42" coco mat.
Part No. COC053048, 30" x 48" coco mat.
Part No. COC053660, 36" x 60" coco mat.
Part No. COC054872, 48" x 72" coco mat.

BUYERS PRODUCTS

BUY/1382

Dry-Mat Tile

Constructed of tough, automotive grade recycled plastic. Relieves physical stress on the job and provides fast evaporation while protecting the surface below.
Part No. DM1212B, 12" x 12" dry mat tile.
Part No. DM0212BM, 2" x 12" dry mat male edge.
Part No. DM0212BF, 2" x 12" dry mat female edge.
Part No. DM0214BMC, 2" x 14" dry mat male corner.
Part No. DM0214BFC, 2" x 14" dry mat female corner.



DIAMOND-DELUXE™ DUET

•Unique, coordinating dual colour vinyl loop strands complement any decor •Foam backing traps and hides moisture and grit •Easy to shake or hose clean •Unbacked available for use in wet areas •Medium/heavy traffic •Outdoor/indoor use •Blue/black •20 foot rolls
Sold by the foot:
Part No. DXMB32BB, Medium duty backed, 3 ft. wide, 1/2" thick.
Part No. DXMB42BB, Medium duty backed, 4 ft. wide, 1/2" thick.
Part No. DXMU32BB, Medium duty unbacked, 3 ft. wide, 3/8" thick.
Part No. DXMU42BB, Medium duty unbacked, 4 ft. wide, 3/8" thick.

FINGER-TIP®

•Effectively scrapes dirt and moisture from shoes •Durable rubber fingertips keep mat looking like new •Easy to keep clean •Medium traffic •Outdoor use •Molded rubber •5/8" thick •Black
Part No. FTS432BK, 24" x 32".
Part No. FTS239BK, 32" x 39".
Part No. FTS672BK, 36" x 72".

RELY-ON™ OLEFIN

•Able to hold ¾ gallon of water per square yard •Light/medium traffic •Indoor •12 oz./sq. yd. continuous filament olefin top fibres •65 mil vinyl backing •3/8" thick •Black, mid-grey, or navy blue •By the foot or pre-made sizes •60 foot rolls
Sold by the foot:
Part No. GSR0036BK, Black, 3 ft. wide.
Part No. GSR0048BK, Black, 4 ft. wide.
Part No. GSR0072BK, Black, 6 ft. wide.
Part No. GSR0036MG, Mid-grey, 3 ft. wide.
Part No. GSR0048MG, Mid-grey, 4 ft. wide.
Part No. GSR0072MG, Mid-grey, 6 ft. wide.
Part No. GSR0036NB, Navy blue, 3 ft. wide.
Part No. GSR0048NB, Navy blue, 4 ft. wide.
Part No. GSR0072NB, Navy blue, 6 ft. wide.

Pre-made sizes:
Part No. GS0034BK, Black, 3 ft. x 4 ft.
Part No. GS0035BK, Black, 3 ft. x 5 ft.
Part No. GS0036BK, Black, 3 ft. x 6 ft.
Part No. GS0046BK, Black, 4 ft. x 6 ft.
Part No. GS0048BK, Black, 4 ft. x 8 ft.
Part No. GS0034MG, Mid-grey, 3 ft. x 4 ft.
Part No. GS0035MG, Mid-grey, 3 ft. x 5 ft.
Part No. GS0036MG, Mid-grey, 3 ft. x 6 ft.
Part No. GS0046MG, Mid-grey, 4 ft. x 6 ft.
Part No. GS0048MG, Mid-grey, 4 ft. x 8 ft.
Part No. GS0034NB, Navy blue, 3 ft. x 4 ft.
Part No. GS0035NB, Navy blue, 3 ft. x 5 ft.
Part No. GS0036NB, Navy blue, 3 ft. x 6 ft.
Part No. GS0046NB, Navy blue, 4 ft. x 6 ft.
Part No. GS0048NB, Navy blue, 4 ft. x 8 ft.

NEEDLE-RIB™

•Rugged grooves work vigorously to remove dirt and moisture •Wear resistant and colourfast •Light/medium traffic •Indoor •Polypropylene top fibres •75 mil vinyl backing •5/16" thick •Blue, charcoal, or grey •By the foot or pre-made sizes •60 foot rolls
Sold by the foot:
Part No. NRR0036BL, Blue, 3 ft. wide.
Part No. NRR0048BL, Blue, 4 ft. wide.
Part No. NRR0072BL, Blue, 6 ft. wide.
Part No. NRR0036CH, Charcoal, 3 ft. wide.
Part No. NRR0048CH, Charcoal, 4 ft. wide.
Part No. NRR0072CH, Charcoal, 6 ft. wide.
Part No. NRR0036GY, Grey, 3 ft. wide.
Part No. NRR0048GY, Grey, 4 ft. wide.
Part No. NRR0072GY, Grey, 6 ft. wide.

Pre-made sizes:
Part No. NR0034BL, Blue, 3 ft. x 4 ft.
Part No. NR0035BL, Blue, 3 ft. x 5 ft.
Part No. NR0036BL, Blue, 3 ft. x 6 ft.
Part No. NR0046BL, Blue, 4 ft. x 6 ft.
Part No. NR0048BL, Blue, 4 ft. x 8 ft.
Part No. NR0034CH, Charcoal, 3 ft. x 4 ft.
Part No. NR0035CH, Charcoal, 3 ft. x 5 ft.
Part No. NR0036CH, Charcoal, 3 ft. x 6 ft.
Part No. NR0046CH, Charcoal, 4 ft. x 6 ft.
Part No. NR0048CH, Charcoal, 4 ft. x 8 ft.
Part No. NR0034GY, Grey, 3 ft. x 4 ft.
Part No. NR0035GY, Grey, 3 ft. x 5 ft.
Part No. NR0036GY, Grey, 3 ft. x 6 ft.
Part No. NR0046GY, Grey, 4 ft. x 6 ft.
Part No. NR0048GY, Grey, 4 ft. x 8 ft.

INDUSTRIAL DECK PLATE ANTI-FATIGUE

•Durable, slip-resistant surface has diamond pattern texture •Industrial grade, PVC foam backing fused to top surface offers comfort and relief •9/16" thick •Resistant to most common fluids and chemicals •Safety beveled edges on standard sizes •For medium to heavy duty, dry areas •Vinyl top with PVC foam backing •60 foot rolls

Sold by the foot:

Part No. CDR0024-60DB, Black, 2 ft. wide.
Part No. CDR0036-60DB, Black, 3 ft. wide.
Part No. CDR0048-60DB, Black, 4 ft. wide.
Part No. CDR0060-60DB, Black, 5 ft. wide.

Pre-made sizes:

Part No. CD0023DB, Black, 2 ft. x 3 ft.
Part No. CD0035DB, Black, 3 ft. x 5 ft.
Part No. CD0312DB, Black, 3 ft. x 12 ft.

YOGA-FLEX™ ANTI-FATIGUE

•Patented slip resistant, raised dome surface provides relief from fatigue •Heavy duty rubber construction for dry, demanding environments •Interlocking system allows for unlimited length of matting •Available as stock mat with beveled edges or in modules with beveled perimeter edge •1/2" thick rubber •Mats securely lock with "teeth-like" system to create a runner of any length

Part No. YF0023BK, Black, 2 ft. x 3 ft.
Part No. YFCNTRBK, Black centre piece, 32" x 28".
Part No. YFENDSBK, Black end piece, 32" x 12".

SAFETY-STEP™ PERFORATED ANTI-FATIGUE

•Heavy duty, modular rubber mat can be custom shaped •Perforated for effective drain-through — available in black rubber for wet areas and terra cotta rubber/nitrile blend for wet, oily areas •Multi-nib backing provides aeration and anti-fatigue comfort •Ideal for large work cells; heavy duty, dry areas •Black is rubber (grease resistant) and terra cotta is rubber/nitrile blend (grease-proof) •9/16" thick •Optional beveled edges and corners available

Part No. KMBG33BK, Black, 3 ft. x 3 ft.
Part No. KMLC39BK, 39" black ramp, left hand corner.
Part No. KMRC39BK, 39" black ramp, right hand corner.

Part No. KMBG33TC, Terra cotta, 3 ft. x 3 ft.
Part No. KMLC39TC, 39" terra cotta ramp, left hand corner.
Part No. KMRC39TC, 39" terra cotta ramp, right hand corner.

TUFF-SPUN® ANTI-FATIGUE

•PVC sponge mat available in two slip-resistant surfaces: pebble and ribbed •Economical anti-fatigue mat that reduces noise and breakage •For light to medium duty, dry areas •100% chemically blown, closed cell PVC sponge •3/8" thick •60 foot rolls

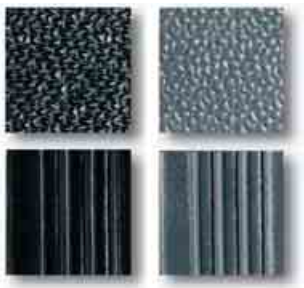
Sold by the foot:

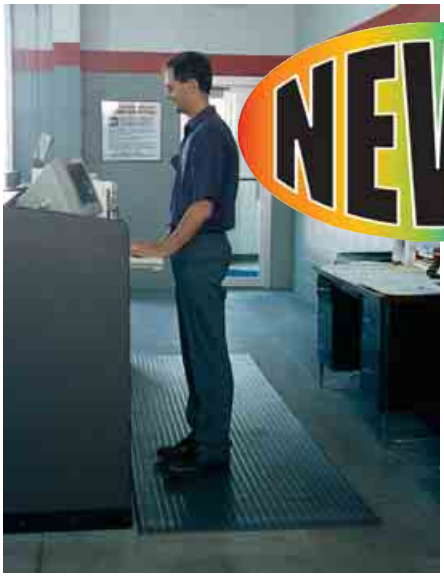
Part No. TS33824GY, Grey, 2 ft. wide, ribbed.
Part No. TS33836GY, Grey, 3 ft. wide, ribbed.
Part No. TS33848GY, Grey, 4 ft. wide, ribbed.
Part No. TS33872GY, Grey, 6 ft. wide, ribbed.

Part No. TP83824GY, Grey, 2 ft. wide, pebble.
Part No. TP83836GY, Grey, 3 ft. wide, pebble.
Part No. TP83848GY, Grey, 4 ft. wide, pebble.
Part No. TP83872GY, Grey, 6 ft. wide, pebble.

Part No. TS33824BK, Black, 2 ft. wide, ribbed.
Part No. TS33836BK, Black, 3 ft. wide, ribbed.
Part No. TS33848BK, Black, 4 ft. wide, ribbed.
Part No. TS33872BK, Black, 6 ft. wide, ribbed.

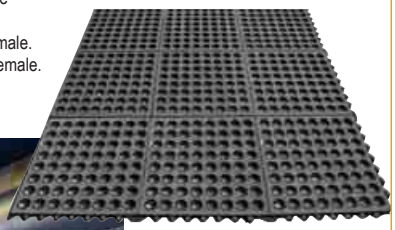
Part No. TP83824BK, Black, 2 ft. wide, pebble.
Part No. TP83836BK, Black, 3 ft. wide, pebble.
Part No. TP83848BK, Black, 4 ft. wide, pebble.
Part No. TP83872BK, Black, 6 ft. wide, pebble.





DURA-STEP ANTI-FATIGUE

•Heavy duty nitrile blended mat resistant to a wide range of oils and fluids •For wet applications •Modular mat design has male connectors on two sides for easy installation in large areas •Optional male or female ramps available
Part No. KDBG33BK, Black, 3 ft. x 3 ft.
Part No. KDRM39BK, 39" black ramp, male.
Part No. KDRF39BK, 39" black ramp, female.



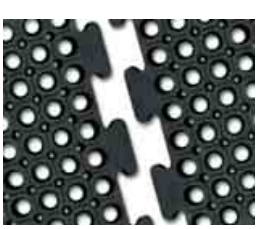
SAFEWALK-LIGHT™ ANTI-FATIGUE

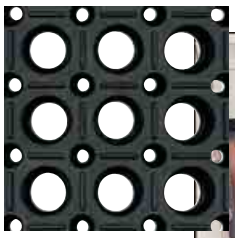
•Great drainage, aeration and anti-fatigue comfort in a lighter weight mat •Superior traction in wet or dry environments •Available in black general purpose rubber for wet areas or terra cotta in a rubber/nitrile blend for oily areas •Easy to clean •Fatigue relief with low profile •½" thick
Part No. WSBT35BK, Black, 3 ft. x 5 ft.
Part No. WSBT35TC, Terra cotta, 3 ft. x 5 ft.

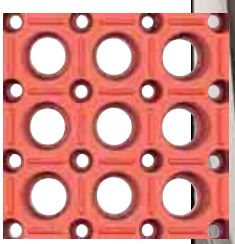
DURA-LOCK™ ANTI-FATIGUE DRAIN-THROUGH

•Slip resistant rubber surface •Available as a self-contained mat with 4 beveled edges •Centres and ends with built-in locking system available for longer mats •Choose from black, general purpose rubber for wet areas or terra cotta, rubber/nitrile blend for oily areas •¾" thick
Part No. DK3861BK, Black, 38" x 61".
Part No. DKCNTRBK, Black centre piece, 38" x 61".
Part No. DKENDSBK, Black end piece, 38" x 61".

Part No. DK3861TC, Terra cotta, 38" x 61".
Part No. DKCNTRTC, Terra cotta centre piece, 38" x 61".
Part No. DKENDSTC, Terra cotta end piece, 38" x 61".







CORRUGATED SWITCHBOARD NON-CONDUCTIVE RUNNER

•Insulates worker against electrical shock •Meets ASTM standards D 178, Type 2, Class 2 as well as all optional ASTM standards for ozone, flames, and oil •For high voltage applications — dielectric test — 30,000 volts; proof tested — 20,000 volts; recommended/usage — 17,000 volts •Vinyl, ¼" thick •Black •75 foot roll
Sold by the foot:
Part No. CRRSB36BK, Black, 3 ft. wide.

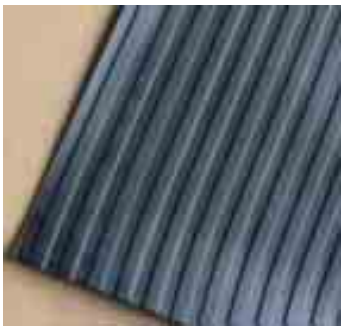
AMERICAN BILTRITE

JJJ/1201

Vinyl Runner Matting

Wide rib matting is used extensively for both floor protection and safety in industrial and government applications. This vinyl runner matting is designed for long service life even in the dirtiest and grimiest abrasive conditions. American Biltrite vinyl runner matting has excellent resistance to oil, chemicals, sunlight, and ozone. Wide rib matting will not shrink or crack at low temperatures nor will it stain the floor surface.

Part No. 440-08-243, Black vinyl wide rib runner matting - 1/8" thick x 24" wide **SOLD BY THE FOOT**
Part No. 440-07-363, Black vinyl wide rib runner matting - 7/64" thick x 36" wide **SOLD BY THE FOOT**
Part No. 440-08-363, Black vinyl wide rib runner matting - 1/8" thick x 36" wide **SOLD BY THE FOOT**
Part No. 440-12-363, Black vinyl wide rib runner matting - 3/16" thick x 36" wide **SOLD BY THE FOOT**



WASH RACK SUPPLY

JJJ/3997

Sponges

Auto Sponge
8½" x 5¼" x 2".
Part No. 6000.

Peanut Shape Auto Sponge
10" x 5" x 3".
Part No. 6025.

GLOBAL MATERIAL TECHNOLOGIES

JJJ/2339

Steel Wool & Steel Wool Soap Pads

Part No. 117000, Bag of 16 pads of grade 0000 steel wool
Part No. 117001, Bag of 16 pads of grade 000 steel wool
Part No. 117002, Bag of 16 pads of grade 00 steel wool
Part No. 117003, Bag of 16 pads of grade 0 steel wool
Part No. 117004, Bag of 16 pads of grade 1 steel wool
Part No. 117005, Bag of 16 pads of grade 2 steel wool
Part No. 117006, Bag of 16 pads of grade 3 steel wool
Part No. 117007, Bag of 16 pads of grade 4 steel wool

Jumbo sized pads for heavy duty and large volume cleaning
Part No. 281325, Pk of 2, Dura-Blu® Jumbo Size Anti-microbial Soap Pad (35 g pads) - Poly Bag
Part No. 281199, Bag of 10, Dura-Blu® Jumbo Size Anti-microbial Soap Pad (10.5 g pads) - Poly Bag

Conventional oval pads for regular duty cleaning
Part No. 281102, Case of 144, Jiffy™ Bulk Soap Pads (10.5 g pads)

STEEL WOOL GRADE CHART

GRADE	WOODWORKING	METAL WORK	STAINING/PAINTING	TIPS
0000	Final finish on fine wood work, smooth lacquer, varnish, shellac. Buff furniture and wood to a rich lustre using wax or oil.	Clean precision tools and instruments.		Clean windows and glass without liquid cleaners
000	Scuff/sand between coats to remove dust ribs and surface imperfections.	Remove rust spots from chrome with auto polish.	Remove dried paint drips and splatters.	Removes wax or polish from fine furniture with soap and water. Clean bottom of electric irons.
00	Remove old finishes from antiques with finish remover. Remove stains from wood floors	Polish and restore aluminum, copper, brass and other bright metals.	Remove minor burns from wood. Cuts high gloss finish to semi-gloss.	Clean golf clubs, metal wheels, screens and metal lawn furniture. Remove minor burns from suede.
0			Remove final paint residue when staining.	Cleans porcelain, tile and grout.
1	Smooth raised grain or primed wood	Clean copper pipes and fittings. Remove rust from cast iron. Clean barbecue grills.	Degloss painted surfaces before applying new coatings.	Cleans linoleum floors, bowling balls, and soles of shoes.
2		Etch porcelain and metal surfaces	Remove paint from moldings and awkward corners.	Remove old wax and scuff marks from floors, cleans glass blocks.
3	Remove old paint, varnish, lacquer and shellac using paint remover or strippers.	Clean rough metal or stone surfaces.		Tuck into holes, cracks and openings to control and eliminate rodents, birds and other pests.
4			Removes the most stubborn paint, rust, dirt and varnish. Strip paint and coatings from exterior woodwork.	

WIPING RAGS

Bagged Wiping Rags

Rags are packaged in 20 lb. vacuum packed clear plastic bags. Bags are waterproof, stackable and easy-to-handle.

Part No. 711-20, 20 lb. bag white cotton rags. These 100% cotton wipers are extremely absorbent and lint free. Excellent for the automotive trades.
Part No. 538-20, 20 lb. bag mixed colour cotton rags. These are 100% cotton wipers and are very absorbent and lint free. Various colours mixed in each bag. Excellent for the automotive trades.
Part No. 746-20, 20 lb. bag white fleece rags. These No. 1 white fleece wipers are a very absorbent cloth and are excellent for use in car washes and detail shops.
Part No. 546-20, 20 lb. bag mixed colour fleece rags. These No. 1 fleece wipers offer the same quality as white fleece, but come in various colours in the bag. Excellent for use (and preferred) by oil patch and service shop applications.
Part No. 532-20, 20 lb. bag mixed colour terry rags. Excellent for use in garages and furniture shops.
Part No. 704-20, 20 lb. bag white ganzie rags. These wipers are mainly used by painting contractors, furniture manufacturers, and are ideal for staining wood.
Part No. 536-20, 20 lb. bag mixed colour ganzie rags. General purpose coloured wipers which are ideal for paint contractors, mechanics and machine shop applications. Excellent for picking up spills.

Boxed Wiping Rags

Part No. WC-20, 20 lb. box white cotton rags. These 100% cotton wipers are extremely absorbent and lint free. Excellent for the automotive trades.
Part No. MCC-20, 20 lb. box mixed colour cotton rags. These are 100% cotton wipers and are very absorbent and lint free. Various colours mixed in each case. Excellent for the automotive trades.
Part No. WF-20, 20 lb. box white fleece rags. These No. 1 white fleece wipers are a very absorbent cloth and are excellent for use in car washes and detail shops.
Part No. MCF-20, 20 lb. box mixed colour fleece rags. These No. 1 fleece wipers offer the same quality as white fleece, but come in various colours in the case. Excellent for use (and preferred) by oil patch and service shop applications.
Part No. MCT-20, 20 lb. box mixed colour terry rags. Excellent for use in garages and furniture shops.
Part No. WG-20, 20 lb. box white ganzie rags. These wipers are mainly used by painting contractors, furniture manufacturers, and are ideal for staining wood.
Part No. MCG-20, 20 lb. box mixed colour ganzie rags. General purpose coloured wipers which are ideal for paint contractors, mechanics and machine shop applications. Excellent for picking up spills.
Part No. FLA-20, 20 lb. box mixed colour flannel rags. An excellent choice in applications where a low lint, very absorbent wiper is required.

Paper/Wiping Products & Accessories

We carry the complete Kimberly-Clark line. Please call for more information on any other product(s) you may require.
Please Also Note: Products are sold in case lots only, with the exception of dispensers.

PART NO.	DESCRIPTION	COLOUR	PLY	SIZE W x L	COUNT PER ROLL/PKG.	UNITS PER CASE
WASHROOM PRODUCTS						
Facial Tissue:						
21195	Kleenex® Junior with Signal®* feature	white	2	8.4 x 5.8"	65	48
21270	Kleenex® Boutique® (decorative), Signal®* feature	white	2	8.4 x 8.6"	95	36
21400	Kleenex® with Signal®* feature	white	2	8.4 x 8.6"	100	36
**Signal® feature alerts you when it's time to change the box.*						
Bathroom Tissue:						
48070	Scott® perforated roll	white	1	4 x 4.25"	1210	40
48040	Scott® perforated roll	white	2	4 x 4.25"	605	40
54080	Kleenex® Cottonelle® perforated roll	white	2	4.4 x 4.3"	400	48
07223	Scott® JRT JR® Jumbo roll	white	1	3.8"	2000 ft.	12
07805	Scott® JRT JR® Jumbo roll	white	2	3.8"	1000 ft.	12
48180	Scott® interleaved	white	1	8.5 x 4.5"	500	36
48280	Kleenex® interleaved	white	2	8.5 x 4.5"	250	36
Roll Hand Towels:						
02068	Scott® roll	white	1	8"	400 ft.	12
50500	Kleenex® roll, system towel	white	1	8"	425 ft.	12
50606	Kleenex® roll, system towel	white	1	8"	600 ft.	6
01040	Scott® roll	white	1	8"	800 ft.	12
41482	Scott® perforated roll - individually wrapped	white	1	8.78 x 11"	128	20
01010	Scott® centre flow roll, perforated	white	2	15 x 8"	500	4
39116	Scott® perforated roll	white	1	9 x 11"	180	15
Folded Hand Towels:						
01804	Scott® multi-fold	white	1	9.5 x 9.25"	250	16
01700	Scott® single-fold	white	1	10.5 x 9.3"	250	16
WIPING PRODUCTS						
WypAll® Light Duty Wipers:						
KIMTOWELS® WIPERS - the absorbent wiper for water and oil. High bulk for exceptional absorbency. Kimtowels® L20 have one smooth side and one textured side for a variety of cleaning tasks.						
47000	Kimtowels® L20 quarter-fold	tan	multi	12.5 x 14.4"	68	12
47011	Kimtowels® L20 quarter-fold	tan	multi	12.5 x 14.4"	68	12
47022	Kimtowels® L20 quarter-fold	white	4	12.5 x 14.4"	68	12
47758	Kimtowels® L20 centre flow roll	white	1	10 x 13.4"	550	3
34607	Kimtowels® L20 Brag Box®	white	4	12.5 x 16.8"	176	1
58399	Kimtowels® L20 Brag Box®	tan	multi	12 x 16.8"	176	1
47026	Kimtowels® L20 Pop-Up® box	tan	multi	9.10 x 16.8"	100	10
ECONOMIZER® WIPERS - soft, cloth-like feel and performance for water, grease, and oil.						
05800	Economizer® L30 Pop-Up® box	white	1	16.4 x 9.8"	100	8
05810	Economizer® L30 Pop-Up® box	blue	1	16.4 x 9.8"	100	8
05812	Economizer® L30 quarter-fold	white	1	12.5 x 14.4"	90	12
05816	Economizer® L30 Pop-Up® box	white	1	16.4 x 9.8"	120	6
05820	Economizer® L30 centre flow roll, perforated	white	1	9.8 x 15.2"	300	2
03086	Wypall® L30 small Pop-Up® box	white	1	10.8 x 10"	120	10
05843	Wypall® L30 small roll	white	1	11 x 10.4"	70	24
WypAll® Medium Duty Wipers:						
WYPALL® ALL PURPOSE WIPERS - quickly and easily absorbs liquids, oils, and grease.						
05600	WypAll® L40 quarter-fold	white	1	12.5 x 14.4"	56	12
05007	WypAll® L40 Jumbo roll, perforated	white	1	12.5 x 13.4"	750	1
03046	WypAll® L40 small Pop-Up® box	white	1	10.8 x 10.2"	90	9
05027	WypAll® L40 small roll	white	1	11 x 10.4"	80	24
TERI® REINFORCED WIPERS - the durable wiper for demanding jobs. Embossed texture absorbs quickly, trapping dirt and oil. Designed to out-perform rags. Reinforced for extra scrubbing and cleaning power.						
34790	Teri® X60 Reinforced Pop-Up® box	white	1	9.1 x 16.8"	126	10
34865	Teri® X60 Reinforced quarter-fold	white	1	12.5 x 14.4"	76	12
34015	Teri® X60 Reinforced Brag Box®	white	1	12.5 x 16.8"	180	1
34900	Teri® X60 Reinforced Right Rag® box, flat sheet	white	1	13 x 16.25"	150	6
35401	Teri® X60 Reinforced roll	white	1	9.9 x 13.4"	130 ft.	12
35421	Teri® X60 Reinforced roll	white	1	19.8 x 13.4"	130 ft.	6
35411	Teri® X60 Reinforced roll	blue	1	9.9 x 13.4"	130 ft.	12
34955	Teri® X60 Reinforced Jumbo roll, perforated	white	1	12.5 x 13.4"	1100 ft.	1
WypAll® Heavy Duty Wipers:						
WORKHORSE® MANUFACTURED RAGS - the versatile and economical alternative to scrap rags. Made from Hydroknit fast absorbing material, a technologically advanced new fabric that resists rips and tears.						
41200	Workhorse® X70 quarter-fold	white	1	12.5 x 14.4"	76	12
41300	Workhorse® X70 Brag Box®	white	1	12.5 x 16.8"	152	1
41100	Workhorse® X70 Right Rag® box, flat sheet	white	1	14.9 x 16.6"	300	1
41455	Workhorse® X70 Pop-Up® box	white	1	9.1 x 16.8"	100	10
41412	Workhorse® X70 Pop-Up® box	blue	1	9.1 x 16.8"	100	10
41600	Workhorse® X70 perforated jumbo roll	white	1	12.5 x 13.4"	870	1
41611	Workhorse® X70 perforated jumbo roll	blue	1	12.5 x 13.4"	870	1
41702	Workhorse® X70 perforated centre flow roll	white	1	10 x 13.4"	275	3

Kimberly-Clark®

KIMBERLY-CLARK
Paper/Wiping Products & Accessories

PART NO.	DESCRIPTION	COLOUR	PLY	SIZE W x L	COUNT PER ROLL/PKG.	UNITS PER CASE

WIPING PRODUCTS

WypAll® Heavy Duty Wipers:

KIMTEX® SHOP TOWELS - the heavy duty oil and solvent wiper. These wipers retain their strength when wet, and can be used again and again. When they're loaded with dirt, just rinse, wring and use again.

33352	Kimtex® Brag Box®	blue	1	12.1 x 16.8"	180	1

SHOP PRO® TOWELS - absorbs water and oil faster than laundered shop towels. Maintains strength in solvents as well as laundered shop towels. Made from Hydroknit fast absorbing material.

41026	ShopPro® X80 quarter-fold	white	1	12.5 x 14.4"	50	4
41029	ShopPro® X80 quarter-fold	red	1	12.5 x 14.4"	50	4
41025	ShopPro® X80 jumbo roll	white	1	12.5 x 13.4"	475	1
41055	ShopPro® X80 jumbo roll	red	1	12.5 x 13.4"	475	1
41041	ShopPro® X80 Brag Box	blue	1	12.5 x 16.8"	160	1

Delicate Task Wipers & Specialty Wipers:

KIMWIPES® EX-L DELICATE TASK WIPERS - our lowest lint, single ply, non-abrasive tissue wiper which is designed especially for photographic equipment, lenses, electronic parts, precision tools, and laboratory equipment.

34120	Kimwipes® EX-L Pop-Up® box	white	1	4.5 x 8.4"	280	30
34256	Kimwipes® EX-L Pop-Up® box	white	1	15 x 16.8"	140	15

KAYDRY® EX-L DELICATE TASK WIPERS - our lowest lint, absorbent, non-abrasive tissue wiper.

34721	Kaydry® EX-L Pop-Up® box	white	2	15 x 16.8"	90	15
34743	Kaydry® EX-L Pop-Up® box	white	3	12 x 12"	119	15

SANI-TUFF® WATERLESS HAND WIPES - No sink? No problem. For a shop, job site, any sink-less, waterless environment for tough cleaning: grease, grime, ink, and paint. Smooth on one side and tough for scrubbing on the other.

58310	Sani-Tuff® canister	-	-	11.5 x 12"	50	8

Kimberly-Clark®

Finding the Wiping Product That's Right For You:

		Task
Premium Rag & Shop Towel Replacement	***WypAll® X80 ShopPro® Towels***	***•Heavy duty machine and part wiping •Wiping metal shavings •Prepping surfaces with solvents •Cleaning rough surfaces***
	WypAll® X70 WorkHorse® Manufactured Rags	***•Cleaning surfaces and tools •Heavy maintenance wiping***
Economy Rag Replacement Systems	***WypAll® X60 Teri® Wipers***	***•Applying thinners and solvents •Cable lubricant removal •Adhesive cleaning •Removing grease and soil in tight areas***
General Purpose	***WypAll® L40 Wipers***	***•Absorbing large liquid spills and leaks •Routine industrial cleaning and maintenance •Removing soils and liquids from face and hands***
	WypAll® L30 EconoMizer® Wipers	***•Light duty clean-ups •Janitorial and maintenance wiping •Process line wiping and cleaning***
Single Use	***WypAll® L20 & L10 Kimtowels® Multi-Ply Wipers***	***•Single use parts and tool clean-ups •Mining operations maintenance •Hydraulic leak soakers and wiping •Retail store maintenance and cleaning***

Paper/Wiping Dispensers

IN-SIGHT® CORED JRT® COMBO UNIT TISSUE DISPENSER

Combination dispenser can be used with two junior rolls or one senior roll and a stub roll. Smoke/grey colour. An easy to use mechanism adjusts to meet the customer's needs. Can be used with or without a key. Use with products: #07223, #07805.
Part No. 09551.

IN-SIGHT® JRT® JR JUMBO ROLL TISSUE DISPENSER

Offers quick and easy maintenance that's easy on the eyes. Translucent, smoked plastic design allows you to see inside so you know exactly when a refill is needed without having to open the dispenser. Holds more than the equivalent in length of five standard rolls. Smoke/grey finish. Use with products: #07223, #07805.
Part No. 09646.

IN-SIGHT® OMNI® ROLL TOWEL DISPENSER

Translucent, smoked plastic design allows you to see inside so you know exactly when a refill is needed without having to open the dispenser. Easy to load. Cover protects towels. Serrated for easy tearing. Smoke/grey finish. Use with products: #01040, #02068
Part No. 09746.

IN-SIGHT® THE PROTECTOR® CENTRE PULL DISPENSER

Translucent, smoked plastic design allows you to see inside so you know exactly when a refill is needed without having to open the dispenser. Dial-A-Port feature to control dispensing. Smoke/grey finish. Use with products: #01010, #05820, #41702.
Part No. 09335.

IN-SIGHT® SANITOUCH® ROLL TOWEL DISPENSER

Reliable, no-touch dispensing. SANITOUCH® roll towel dispensers are reliable, durable and attractive alternative to no-touch dispensers. Because you only touch the towel you use, it significantly reduces the risk of cross contamination and improves hygiene. Features: •Automatic cutting action and easy to pull dispensing •Reliable one at a time dispensing helps reduce waste •No need for batteries or electric power •Smooth, quiet operation •1.75" hub •Smoke grey plastic. Use with products: #50500, #50600.
Part No. 09996.

WYPALL® JUMBO ROLL FLOOR DISPENSER

Mobile, efficient dispensing reduces waste. Dispenser for JUMBO RAG-ON-A-ROLL® System. Metal with trash bag attachment. Use with products: #41600, #41611.
Part No. 80596.

WYPALL® JUMBO WALL MOUNT WIPER DISPENSER

Jumbo roll dispenser,wall mount. Efficient dispensing reduces waste. Dispenser for JUMBO RAG-ON-A-ROLL® System. Metal with trash bag attachment. Use with products: #41600, #41611.
Part No. 80579.

Kimberly-Clark®

MÖLNLYCKE
Paper & Hygiene Products

Please note: Mölnlycke Paper & Hygiene Products are sold in case lots only.

PART NO.	DESCRIPTION	SIZE	CASE QUANTITY	RECOMMENDED DISPENSER
General Duty Wipers				
120133	TORK Universal Hand Towel Centerfeed Roll, white, 1-ply	8.25" x 984 ft.	6 rolls	302092
121202	TORK Advanced Hand Towel Centerfeed Roll, white, 2-ply	8.25" x 600 ft.	6 rolls	302092
100230	TORK Premium Hand Towel Centerfeed Roll, white, 1-ply	7.7" x 300 ft.	6 rolls	302092
121225	TORK Advanced Hand Towel Centerfeed Roll Mini, white, 2-ply	8.3" x 262 ft.	12 rolls	300092
Heavy Duty Multi-Purpose Wipers				
130251	TORK Universal Wiper 330, Certerfeed Roll, white, 2-ply	9" x 419 ft.	4 rolls	202071
130211	TORK Universal Wiper 330, Certerfeed Roll, white, 2-ply	9" x 1000 ft.	2 rolls	203051
13245101	TORK Advanced Wiper 440, Centrefeed Roll, blue, 4-ply	10" x 249 ft.	4 rolls	202071
13244101	TORK Advanced Wiper 440, Centrefeed Roll, blue, 4-ply	11" x 492 ft.	2 rolls	203051
13247501	TORK Advanced Wiper 440 Handy-Box, blue, 4-ply	12.8" x 16.5"	1 box of 180 wipers	SELF-DISPENSING
520371	TORK Premium Multi Cloth 520, Handy-Box, grey, 1-ply	15" x 16.5"	1 box of 280 wipers	SELF-DISPENSING
520378	TORK Premium Multi Cloth 520, Top-Pak, grey, 1-ply	15" x 16.5"	5 boxes of 140 wipers	207300
Polishing/Detailing Wipers				
197168	TORK Premium Specialist Cloth - Cleaning Top-Pak, white, 1-ply	15" x 16.5"	5 boxes of 150 wipers	207300
197170	TORK Premium Specialist Cloth - Polishing Centrefeed Roll, white, 1 ply	12.6" x 525 ft.	1 roll	203051 (Optional)
Toilet Tissue				
12021502	TORK Advanced Bath Tissue Jumbo Roll, white, 2-ply	3.55" x 1600 ft.	6 rolls	340082
11010402	TORK Advanced Bath Tissue Jumbo Roll, white, 1-ply, Perforated	3.55" x 2247 ft.	6 rolls	340082
11020402	T-TORK Plus, roll, white, 2-ply	3.7" x 1525 ft.	6 rolls	345082
12013902	TORK Advanced Bath Tissue Mini Jumbo Roll, white, 1-ply	3.55" x 1925 ft.	12 rolls	345082
11020602	TORK Advanced Bath Tissue Mini Jumbo Roll, white, 2-ply	3.55" x 751 ft.	12 rolls	345082
NOTE:	Jumbo Roll: 10 inch dia. Mini Jumbo Roll: 7.36 inch dia.			
Soaps				
400511	TORK Advanced Soap Liquid Mild	1 litre	6 bottles	352082

Dispensers

TORK WIPER CENTREFEED MINI DISPENSER, BLUE

Tork Centerfeed Towel Dispenser offers high capacity, ideal for high traffic environments. It's hygienic. No cross contamination...you only touch the towel you use. One hand dispensing is ideal for many environments like workshops and kitchens.
Part No. 202071.

TORK HAND TOWEL CENTREFEED DISPENSER, QUARTZ

Tork Centerfeed high capacity cabinets are ideal for high traffic environments. Cabinets are hygenic. You only touch the towel you use. No cross contamination from levers or cranks. The Portion Control feature dispenses one towel every time. The one hand dispensing is ideal for many environments, workshops and kitchens. Cabinets are simple and reliable offering low maintenance costs.
Part No. 302092.

TORK WIPER CENTREFEED MAXI DISPENSER, BLUE

Tork Centerfeed Towel Maxi Dispenser offers high capacity, ideal for high traffic environments. It's hygienic. No cross contamination... you only touch the towel you use. One hand dispensing is ideal for many environments like workshops and kitchens.
Part No. 203051.

TORK HAND TOWEL CENTREFEED MINI DISPENSER, QUARTZ

Tork Centerfeed Mini dispensers are ideal for high traffic environments. Cabinets are hygenic. You only touch the towel you use. No cross contamination from levers or cranks. The Portion Control feature dispenses one towel every time. The one hand dispensing is ideal for many environments, workshops and kitchens. Cabinets are simple and reliable offering low maintenance costs.
Part No. 300092.

TORK BATH TISSUE JUMBO ROLL MINI DISPENSER, QUARTZ

The Tork Jumbo Roll Mini dispenser has a large capacity. Goes longer between refills and reduces maintenance costs. Innovative design compliments any decor. The unique tear feature eliminates risk of cutting or scratching hands. Roll is protected creating less waste, improved hygiene and reduced pilferage. This durable ABS Polystyrene provides low maintenance and trouble free service.
Part No. 345082.

TORK BATH TISSUE JUMBO ROLL DISPENSER, QUARTZ

The Tork Jumbo dispenser has a large capacity. Goes longer between refills and reduces maintenance costs. Innovative design compliments any decor. The unique tear feature eliminates risk of cutting or scratching hands. Roll is protected creating less waste, improved hygiene and reduced pilferage. This durable PMMA Polystyrene provides low maintenance and trouble free service.
Part No. 340082.

TORK WIPER TOP HOLDER DISPENSER, GREY

Tork Top Holder Wiper Dispenser is durable and slim perfect for wall mounted convenience. Tork Top Holder has a optional magnet kit that attaches Tork Top Holder to metal surfaces.
Part No. 207300.

TORK SOAP LIQUID DISPENSER, QUARTZ

The Soap pump dispensenses 1 ml every time. High capacity - The 1-liter bottle allows for 1000 hand washes. Unique Pump - Innovative technology prevents the dispenser from dipping and clogging. Arm Lever - A hygienic way to dispense soap using your elbow.
Part No. 352082.

SCA TISSUE

Paper Products

PART NO.	DESCRIPTION	PLY	SHEET SIZE	COUNT PER ROLL/PKG.	UNITS PER CASE
Facial Tissue					
TF6910	Park Avenue® Ultra® facial tissue, cube box	2	8.2 x 7.9"	94	36
TF6810	Coronet facial tissue, flat box, 100% recycled	2	8.2 x 7.9"	100	30
Bath Tissue					
TM6511A	Park Avenue® Ultra® bath tissue	2	4½ x 3¾"	360	96
TM1601A	Main Street bath tissue, 100% recycled	2	4 1/5 x 3¾"	500	48
TS1639A	Main Street bath tissue, 100% recycled	1	4 1/5 x 4½"	1000	48
Jumbo Bath Tissue					
TJ0912A	Main Street Jumbo bath tissue, 100% recycled	1	3.70"	2000 ft	12
TJ0922A	Main Street Jumbo bath tissue, 100% recycled	2	3.70"	1000 ft	12
Household Roll Towels					
HB1990A	Main Street Roll towel, white, poly wrapped, 100% recycled	2	9 x 11"	84	30
HB1995A	Main Street Roll towel, white, poly wrapped, 100% recycled	2	9 x 11"	210	12
Hardwound Roll Towels					
RB351	Main Street Roll towel, white, 100% recycled	-	7¾ W x 5.9"Dia.	350 ft.	12
RB6002	Main Street Roll towel, white, 100% recycled	-	7¾ W x 6.7"Dia.	600 ft.	12
RK350A	Tork Universal Hand Towel Roll, natural, 100% recycled	-	7.85 W x 5.5"Dia.	350 ft.	12
RK600E	Main Street Roll towel, natural, 100% recycled	-	7¾ W x 6.7"Dia.	600 ft.	12
Single-fold/Multi-fold Towels					
MB550A	Coronet Multi-fold towel, white, 100% recycled	-	9½ x 9 1/8"	250	16
MK530A	Main Street Multi-fold towel, natural, 100% recycled	-	9½ x 9 1/8"	250	16
SB1840A	Main Street Single-fold towel, white, 100% recycled	-	10¼ x 9¼"	250	16
SK1850A	Main Street Single-fold towel, natural, 100% recycled	-	10¼ x 9-1/8"	250	16
Dispenser Napkins & Roll Table Cover					
D3052	Main Street Betsy Tallfold Dispenser Napkins, white, 100% recycled	1	3½ x 6¾"*	625	16
RT300	Main Street Roll Table Cover, white	1	39" x 300 ft.	-	1

*folded size

Dispensers

BATH TISSUE JUMBO ROLL TWIN DISPENSER, 9 INCH, SMOKE

Holds two rolls. See-through front reduces maintenance, allows quick and easy service checks. Elegant appearance compliments any decor. High impact flame retardant, chemical-resistant, rigid vinyl plastic provides years of low maintenance, trouble free service. Large capacity dispenser goes longer between refills. 12"H x 20½"W x 5¾"D, fits part #'s: TJ0912A, TJ0922A.
Part No. 56T1.

BATH TISSUE JUMBO ROLL DISPENSER, 9 INCH SINGLE, SMOKE

Clean, modern appearance compliments all decors. Translucent cover allows for "at a glance" inspection for refills. Hides scratches and maintains image. Smooth cover with no recesses is easy to clean and maintain. Only touch the paper you need. High capacity for reduced costs and fewer service interruptions. Built-in pilferage control. High impact plastic and design help prevent breakage. Replaceable covers and lock fingers. No exposed metal parts to corrode or rust. 11"H x 11½"W x 5¼"D, fits part #'s: TJ0912A, TJ0922A.
Part No. 66TR.

HAND TOWEL ROLL DISPENSER, LEVER AUTO TRANSFER, SMOKE

Clean, modern appearance compliments all decors. Translucent cover allows for "at a glance" inspection for refills. Hides scratches and maintains image. Smooth cover with no recesses is easy to clean and maintain. Only touch the paper you need. Lever controlled consumption means less waste, lower costs and it has a stub roll auto-transfer feature. High capacity for reduced costs and fewer service interruptions. Built-in pilferage control. High impact plastic and design help prevent breakage. Replaceable covers and lock fingers. No exposed metal parts to corrode or rust. Built to last. 15½"H x 11¾"W x 9 3/5"D, fits part #'s: RB351, RK600E, RK3502E, RB6002.
Part No. 84TR.

NAPKIN TABLE DISPENSER, BRUSHED STEEL

The brushed steel body is highly durable. Smooth finish provides easy cleaning. Rubber feet offers skid resistance. Two sided dispensing. 3¾"L x 4 1/8"W x 7 3/8"H, fits part #: D3052.
Part No. 1TBS.

CASCADE TISSUE
Paper Products

PART NO.	DESCRIPTION	PLY	SIZE	COUNT PER ROLL/PKG.	UNITS PER CASE
Facial Tissue					
84082	North River facial tissue, boxed	2	7.5 x 8.3”	100	30
Bath Tissue					
74043	Decor bath tissue	2	4.2 x 3.8”	420	48
Jumbo Bath Tissue					
74036	Jumbo bath tissue	1	3.74”	2000 ft.	12
74037	Jumbo bath tissue	2	3.74”	1000 ft.	12
Kitchen Roll Towels					
74073	North River roll towel, white embossed	2	8.66 x 10.7”	85	30
Roll Towels					
2101768	Roll towel, semi-bleached	-	8”	425 ft.	12
2101757	Roll towel, natural	-	8”	350 ft.	12
Single-fold/Multi-fold Towels					
21333A1	Single-fold towel, moka	-	9.25 x 10.2”	250	16
2101750	Single-fold towel, natural lightweight	-	9.25 x 10.2”	250	16
2101310	Single-fold towel, semi-bleached	-	9.25 x 10.2”	250	16
2101751	Multi-fold towel, natural	-	9.25 x 9.5”	400	10
20815	Multi-fold towel, bleached	-	9.25 x 9.5”	400	10

SCOTT PAPER
Paper Products

Case of 24 rolls Embassy® Premium perforated and embossed roll towel. 10” x 168 ft. roll.
Part No. 0129.

Case of 24 rolls White Swan® classic paper towels. Perforated, 10.9” x 8.6” sheet size; 90 sheets per roll.
Part No. 0165.

POLYETHYLENE GARBAGE/RECYCLING BAGS

BLACK Garbage Bags

Part No. GBB-2022, Case of 500, 20” x 22” garbage bags, black
Part No. GBB-2636, Case of 250, 26” x 36” garbage bags, black
Part No. GBB-2840, Case of 200, 28” x 40” garbage bags, black
Part No. GBB-3038, Case of 200, 30” x 38” garbage bags, black
Part No. GBB-3550, Case of 150, 35” x 50” garbage bags, black
Part No. GBB-3550HD, Case of 125, 35” x 50” heavy duty garbage bags, black
Part No. GBB-3550XHD, Case of 100, 35” x 50” extra heavy duty garbage bags, black

CLEAR Garbage Bags

Part No. GBC-2022, Case of 500, 20” x 22” garbage bags, clear
Part No. GBC-2636, Case of 250, 26” x 36” garbage bags, clear
Part No. GBC-3038, Case of 200, 30” x 38” garbage bags, clear
Part No. GBC-3550HD, Case of 125, 35” x 50” heavy duty garbage bags, clear
Part No. GBC-3550XHD, Case of 100, 35” x 50” extra heavy duty garbage bags, clear

BLUE Garbage Bags

Part No. RBB-3038XHD, Case of 125, 30” x 38” extra heavy duty garbage bags, blue

Victor Mouse/Rodent Traps

METAL PEDAL MOUSE TRAP
•The original wood based wire snap trap with metal trip pedal in a cello twin pack •Can be used around food, water, children, and pets •Clean and quick trapping; the large pedal is ideal for runway trapping
Part No. M150CAN, 2 pk.

EASY SET® MOUSE TRAP
•The original wood based wire snap trap with large scented plastic trip pedal in a cello twin pack •Can be used around food, water, children, and pets •No bait needed - "swiss cheese" pedal requires no baiting •Clean and quick trapping; the large pedal is ideal for runway trapping
Part No. M035, 2 pk.

QUICK SET MOUSE TRAP
•Quick Set is the easiest mouse trap to set and bait - sets and releases with one simple click •One step thumb set and release allows for easy setting and quick and clean disposal •Can be used around food, water, children, and pets
Part No. M130CAN, 2 pk.

MOUSE GLUE BOARDS
•"No See No Touch" contains no excessive packaging - the packaging is the product •Mouse Glue Boards have lock-tab tents that hide mice and make disposal quick and easy •Can be used around food, water, children, and pets •No setting - just place and catch •No baiting - pest attracting scent is dispersed throughout the glue
Part No. M180, Mouse Glue Board, 2 pk.

LIVE CATCH MOUSE TRAPS
•Live Catch and TIN CAT enable consumers to catch and release mice •Can be used around food, water, children, and pets •Disposable or reusable •Easy to set and bait •Ideal for consumers who do not want to see or touch the mouse
Part No. M007, Live Catch, 2 pk.
Part No. M308, TIN Cat® See Thru Lid.

PEST CHASER® ULTRASONIC RODENT REPELLERS
•High frequency ultrasonic sound effectively repels rodents •Frequency is set to sweep with multiple peaks from 32-62KHz preventing rodents from getting used to the sound •Sound is inaudible to humans and non-rodent pets and will not have any affect •Covers approx. 40 sq. m. for use in average sized rooms, kitchens, garages, basements, etc. Red light indicator shows that the Pest Chaser is working properly
Part No. M690CAN, PESTCHASER® Direct Plug In
Part No. M761CAN, PESTCHASER® Rotating Speakers - with two rotatable speakers offering optimal coverage.

RODENTICIDES - MOUSE & RAT PARAFFIN BLOCK W/ BITREX™
•Products contain Bitrex™ to prevent accidental ingestion •Bromadiolone is the active ingredient at .005% •Kills in a single feeding compared to older actives that can require numerous feedings •Convenient Place Packs allow quick placement •Convenient re-sealable pouches
Part No. M840CAN, 450 grams.

RODENTICIDES - MOUSE & RAT PELLETS W/ BITREX™
•Products contain Bitrex™ to prevent accidental ingestion •Bromadiolone is the active ingredient at .005% •Kills in a single feeding compared to older actives that can require numerous feedings •Convenient Place Packs allow quick placement •Convenient re-sealable pouches
Part No. M810CAN, (5) 43 gram Place Packs.
Part No. M850CAN, (10) 43 gram Place Packs.

Victor Insect/Pest Control

ATTACK® ANT KILLING SYSTEM
•Kills the queen and the colony •Use both indoors and outdoors •Place near ant trails and hills for effective results
Part No. 32-5420CAN, 240 ml ready to use ant killer fourmicide.

INSECTIGONE® POWDER INSECT KILLER (DE)
•Kills a variety of insects •Includes a patented bait formula that kills insects by ingestion/dehydration within 48 hours •Works indoors or outdoors when kept dry •Contains amorphous diatomaceous earth, also known as silicon dioxide - an organic product •Ready to use
ANT KILLER INSECTIGONE®
Part No. 02-1063CAN, 200 grams.
Part No. 02-1163CAN, 900 grams.

CRAWLING INSECT INSECTIGONE®
Part No. 02-1601CAN, 200 grams.
Part No. 02-1602CAN, 900 grams.

YELLOW JACKET & FLYING INSECT TRAP - REUSABLE
•Easy to use for picnics, camping, and cookouts •Bait can be used in all geographical regions •Controls yellow jackets, flies, and fruit flies •Natural bait contains carbohydrates and protein, not hazardous sprays or aerosols.
Part No. M362CAN.

WOODSTREAM CANADA CORP.

Victor Insect/Pest Control

INDOOR FLY TRAP, FLY RIBBON

•Glue does not stick to fingers when touched •M500, M522 contain patent pending three dimensional pattern and colors highly attractive to flies •Insect Glue Board traps crawling insects including roaches, crickets, and spiders

Part No. M193CAN, Insect glue board, 4 pk.
Part No. M500, Indoor fly trap.
Part No. M510CAN, 6 Fly ribbon display, 4 pk.
Part No. M522, Barn and stable fly trap, 4 metre length.

Victor Yard & Garden Weed/insect Control

TOPGUN® WEED KILLER

•Controls weeds and grass in patios, sidewalks, driveways, along fences, around trees and many other areas •Fast killing action, results may be visible within hours of application •Treated areas may be seeded or planted the same day because there is no residual soil activity •Water based formula made from naturally occurring fatty acids—does not contain 2-4D.

Part No. 04-5100CAN, 1 litre ready to use spray bottle.
Part No. 04-5104CAN, 4 litre concentrate.

YARD & GARDEN INSECT KILLER

•Kills insects on contact; gentle on plants •Use on flowers, vegetables, shrubs, and ornamentals •Potassium salts (insecticidal soap) weaken the insect's protective outer shell •Pyrethrins attack the insect's nervous system •Spray bottle contains potassium salts of fatty acids (1.015%) and pyrethrins (.012%) •Concentrate contains potassium salts of fatty acids (20% and pyrethrins .24%).

Part No. 21-5058CAN, 1 litre ready to use spray bottle.
Part No. 21-2146CAN, 500 ml concentrate.
Part No. 21-2147CAN, 1 litre concentrate.
Part No. 21-2148CAN, 4 litre concentrate.

GOPHER TRAP

•Fully assembled sure-firing trap •Poison free trap - eliminates risk to pets •Narrow design allows for easy insertion into gopher tunnels and is powder coated for rust resistance

Part No. 0615.

Victor Outdoor Animal Repellent

CRITTER RIDDER™

•Works rain or shine for 30 days •Repels animals •Will not damage soil or vegetation

Part No. 22-3142CAN, 1 kg bottle.

DEER AWAY® BIG GAME REPELLENT

•Repels deer and rabbits •Economical concentrate—simply add water •Repels deer from conifer seedlings, ornamentals and dormant fruit trees •Lasts up to 3 months •Active ingredients: putrescent whole egg solids (37.00%).

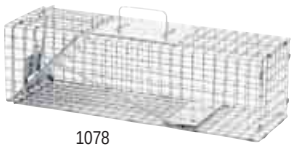
Part No. 2200CAN, 1/2 gallon kit.

Havahart Live Animal Cage Traps

1020

1077

1079



1078

1045

•Easy to bait, set, and release •Unique high tensile wire mesh •Steel reinforced for long life and maximum resistance to animal damage •Smoothed inside edges for the protection of the animal •Proven efficacy derived from extensive field testing •Spring loaded or gravity doors with sensitive triggers ensure quick secure catch •Trap doubles as a handy animal carrier

Mouse Trap - for Mice, Shrews, Voles. Gravity action doors at both ends give target animals extra confidence to enter trap. 10" x 3" x 3".
Part No 1020.

Squirrel/Rabbit Traps - for small animals including skunks, squirrels, chipmunks, rabbits, and the like. Spring loaded door.
Part No. 1077, 17" x 7" x 7".
Part No. 1078, 24" x 7" x 7".

Raccoon Traps - for raccoons, feral cats, woodchucks, and similar size animals. Spring loaded door.
Part No. 1079, 32" x 10" x 12".
Part No. 1089, 32" x 10.75" x 12.75", collapsible.

Large Raccoon Trap - for raccoons, skunks, woodchucks, porcupines, opossums, stray cats etc. Gravity action doors as both ends. 36" x 11" x 11".
Part No. 1045.

FLOOR SWEEPING COMPOUND

JJJ/2905

FLOOR SWEEPING COMPOUND - The ideal sweeping compound that is scientifically compounded from the best ingredients to give the utmost in cleaning satisfaction. It removes dirt from floors without raising a dust.

Part No. FSC-50, 44 lb. (20 kg) box Floor Sweeping Compound
Part No. FSC-300, 275 lb. (45 gallon) drum Floor Sweeping Compound

WINDEX

JJJ/1975

Glass Cleaner

Windex® Glass Cleaner provides fast, easy, streak-free cleaning of grease and grime on glass and other hard surfaces - it works 30% better on tough soils!

Part No. 90129, 567 gram aerosol Windex Glass Cleaner - 12 per case
Part No. CB807701, 765 ml trigger bottle Windex Glass Cleaner - 12 per case
Part No. CB006722, 5 litre jug Windex Glass Cleaner - 4 per case

JOHNSON-DIVERSEY

JJJ/1975

Consumer Branded Professional Products

ALL-PURPOSE CLEANERS
Fantastik all purpose cleaner, trigger spray, 650 ml.
Part No. 95008.

AIR CARE
Glade Instant Action air freshener. 368 g aerosol.
Part No. 94780, Country Garden Potpourri.
Part No. 94782, Super Fresh.
Part No. 94787, Smoke Odour Eliminator.

WOOD & FURNITURE CARE
Pledge commercial wood/furniture care, 502 g aerosol.
Part No. 94430.

HEAVY DUTY CLEANERS
Mr. Muscle oven cleaner.
Part No. 91206, 538 g aerosol.
Part No. 91208, 946 ml trigger spray.

DRANO® MAX - DRAIN OPENER
Drano® Max Clog Remover is the thickest and most powerful liquid clog remover •Professional strength - formula will dissolve the toughest clogs in institutional and industrial situations •Dissolves food waste, grease, paper products, hair, and soap curd. Safe for plastic pipes, PVC pipes, metal pipes, garbage disposals and septic systems. •Convenient handle, splash-less bottle. •Does not contain acid, as such, will not hurt pipes, cesspools, or septic tanks. 1.8 L bottle.
Part No. CB207242.

AUTO DISHWASHING
Sunlight automatic machine dishwasher detergent, 10 kg.
Part No. 2979478.

MANUAL DISHWASHING
Sunlight manual dishwashing (pots and pans) liquid, 1.24 litre.
Part No. 2979515.

PERSONAL WASH
Lux bar soap, 87 g.
Part No. 2979831.

SPRAY NINE® BRAND
Automotive Maintenance Products

SPRAY NINE® MULTI-PURPOSE CLEANER/DEGREASER/DISINFECTANT
Cuts grease, grime, and other tough soils FAST! Removes dirt, bugs, road film, mud and more from a wide range of surfaces including plastic, vinyl, metal and rubber. The cleaning power of Spray Nine keeps cars looking new. Spray Nine kills a broad spectrum of harmful germs including HIV-1, Herpes Simplex I and Simplex II and more in 30 seconds from seats, mats, dashes and steering wheels. Spray Nine also helps control mold and mildew and destroys bacterial odours.
Part No. C26824, "K1" 700 ml pump sprayer bottle.
Part No. C26832, "K1B" 946 ml trigger sprayer bottle.
Part No. C26804, "K2C" 4 litre jug.
Part No. C26820, "K3" 20 litre pail.

SPRAY NINE CANADA LTD.

SPRAY NINE® INDUSTRIAL CLEANER/ DEGREASER
•Professional Strength •Versatile •Ready-to-Use •Biodegradable.
Spray Nine's Industrial Cleaner/ Degreaser is a synergistic blend of cleaning agents, detergents, and builders. This biodegradable formula delivers a powerful cleaning punch without harsh abrasives or caustic chemicals. Versatile and easy to use, Spray Nine's Industrial Cleaner/Degreaser is the essential solution for all your tough cleaning needs.
Part No. C13532, 946 ml trigger sprayer bottle.
Part No. C13501, 3.78 litre jug.
Part No. C13520, 20 litre pail.

GREZ-OFF HEAVY DUTY DEGREASER
Grez-Off is the degreaser/cleaner with BLOCK BUSTER POWER to cut heavy grease and soil quickly and completely on motorcycles, engines, bicycles, lawn mowers, garden, farm, and recreational equipment, shop machinery, tools, garage floors, and asphalt drives. It does not contain any petroleum solvents, phosphates or acids and is non-flammable and biodegradable. Not to be used on glass, plastic or painted surfaces.
Part No. C12532, "K17" 946 ml trigger sprayer bottle.
Part No. C12501, "K18" 3.78 litre jug.
Part No. C12520, "K19" 20 litre pail.

GLASS & STAINLESS STEEL CLEANER
Features a newly developed blend of solvents and detergents. It cuts soils most cleaners won't touch and dries quickly. Glass and Stainless Steel Cleaner is lightly scented with a touch of lemon, and contains no silicone or harmful fluorocarbons. Ideal for stainless steel, porcelain, chrome, as well as other lightly soiled surfaces.
Part No. C23319, "K15" 539 gram aerosol.

SIMPLE GREEN®
All Purpose Cleaner/Degreaser/Deodorizer

•Biodegradable and non-toxic •Non-abrasive and non-flammable •Safer alternative to hazardous chemicals and solvents
Concentrated, water-based cleaner/degreaser contains a blend of synthetic, high grade penetrants activated by cold or hot water. Custom dilute for specialized cleaning. For use in a broad range of applications including dip tanks. Clear green liquid has mild pH of 9.3 to 9.5 and a pleasant sassafras scent. Contains no petroleum distillates.

Part No. 13012, 710 ml spray bottle Simple Green - 12 per case
Part No. 13005, 3.79 litre bottle Simple Green - 6 per case
Part No. 13225, 9.46 litre pail Simple Green - 2 per case
Part No. 13006, 18.93 litre pail Simple Green - 1 per case
Part No. 13016, 56.78 litre drum Simple Green - 1 per case
Part No. 13008, 208.18 litre drum Simple Green - 1 per case

CRYSTAL SIMPLE GREEN®
Industrial Strength Cleaner/Degreaser

•Non-toxic, non-ionic, biodegradable •Economical concentrate •Non-flammable, non-abrasive, no caustic fumes
Safer, effective and powerful all-purpose cleaner/degreaser for critical cleaning applications that demand a fragrance-free solution. Ideal for industrial/manufacturing, electronics and parts washing industries. Usable in food plants; also cosmetics, medical, and pharmaceutical environments.

Part No. 19024, 710 ml spray bottle Crystal Simple Green - 12 per case
Part No. 19128, 3.79 litre bottle Crystal Simple Green - 6 per case
Part No. 19005, 18.93 litre pail Crystal Simple Green - 1 per case
Part No. 19015, 56.78 litre drum Crystal Simple Green - 1 per case
Part No. 19055, 208.18 litre drum Crystal Simple Green - 1 per case

CASTROL

Tough Task Cleaner/Degreaser

SUPER CLEAN: A powerful, industrial strength formula that is biodegradable, phosphate-free, and non-abrasive. This product solubilizes (dissolves) grease on contact, neutralizing its ability to stick to surfaces. Removes grease, oil, wax, tar, and dirt quickly and effectively. For applications such as: engines; floors; indoor/outdoor equipment and appliances. Powerful but safe when used as directed.
Part No. 8010-49, 946 ml
Part No. 8010-16, 3.78 litre
Part No. 8010-10, 20 litre
Part No. 8010-06, 208.2 litre

Castrol® Super Clean™

SPRAYON

Water-Based Industrial Strength Degreasers

NEUTRA-FORCE™
All purpose neutral pH cleaner/degreaser. •Environmentally friendly •Contains no caustics, acids, butyls or other harsh chemicals •Contains mal odour counteractant •Meets Boeing Spec Bac 5763, Type I
Part No. A1201T1232, 946 ml.
Part No. A012010401, 3.78 litre.
Part No. A012010005, 18.9 litre.

MAGNUM GREEN™
Ready to use, all purpose power cleaner. •Environmentally responsible formula with d'Limonene and water soluble solvents •For removing most difficult soils from non-porous surfaces
Part No. A1270T1232, 907 g.
Part No. A012700401, 3.78 litre.
Part No. A012700005, 18.9 litre.

Sprayon

BUTYL STRIKE™ — LEMON
Ready to use heavy duty cleaner/degreaser. •Pleasantly lemon scented •For removal of dirt, grease, soap scum, crayon, smoke film and black heel marks
Part No. A1275T1232, 946 ml.
Part No. A012750401, 3.78 litre.
Part No. A012750005, 18.9 litre.

NEUTRA-POWER™
Citrus scented, neutral all purpose cleaner. •Use for cleaning finished floors in damp mop operations or in automatic scrubber •Requires no rinsing
Part No. A010870401, 3.78 litre.
Part No. A010870005, 18.9 litre.

PINE VALUE™
All purpose concentrated pine odour cleaner. •Economically priced all purpose cleaner •Effective blend of detergents with strong pine scent
Part No. A011740401, 3.78 litre.

NEW!!

Specialty Maintenance Cleaners

METAL REJUVENATOR™
Liquid cream metal polish. •Polish copper, brass, pewter, bronze, nickel, porcelain, tile, fibreglass and marble •Non-abrasive
Part No. A1439Q1232, 907 g.

LEMON WOOD™
Ready to use liquid lemon furniture polish. •Blend of liquid polish, cleaners, oils, and natural wax •Excellent for wood, leather, plastic and metal furniture
Part No. A0533T1232, 946 ml.

Industrial Glass & Hard Surface Cleaners

UN-OBSCURED™
Ready to use ammoniated cleaner. •For all glass, windows and other hard surfaces
Part No. A1100T1232, 946 ml.
Part No. A011000401, 3.78 litre.

MULTI-SURFACE CLEANER
Ready to use, powerful all purpose cleaner. •Effective on a wide variety of soils and grease •Recommended for all washable surfaces
Part No. A1216T1232, 946 ml.

MULTI-SURFACE AEROSOL CLEANER
Window and hard surface cleaner — aerosol. •Fortified with ammonia •For use on glass, mirrors, ceramic tile, and porcelain
Part No. A5104A1218, 510 g.

SPRAYON

Industrial Washroom Maintenance

POWER BOWL™
9% hydrochloric acid bowl cleaner. •Removes lime, hard water deposits and rust stains. Use on acid resistant surfaces, toilet bowls and urinals.
Part No. A1675Q1232, 907 g.

BOWL BLAST™
23% hydrochloric acid bowl cleaner. •For hard to remove lime and hard water stains •Economically priced
Part No. A1680Q1232, 907 g.

LIME-BE-GONE™
Lime scale remover. •Premium concentrated de-limer dissolves lime scale deposits
Part No. A455150401, 3.78 litre.

MAINTAIN™
Alkaline based drain opener. •Won't harm pipes, disposals or porcelain •Contains no phosphates
Part No. A1648Q1232, 907 g.

PINK SOFT™
Economical pink lotion hand soap with lanolin. •Non-irritating •Pleasantly scented •Less clogging in soap dispensers
Part No. A015200401, 3.78 litre.

NEW!!

LANOLIN SOFT™
Quality lotion type hand soap. •Contains special skin lubricants, lanolin and other emollients •Leaves skin soft and comfortable
Part No. A015950401, 3.78 litre.

STERILE SOFT™
High sudsing, anti-bacterial, anti-microbial hand soap. •For use in food processing, health care, restaurants and public washrooms
Part No. A015450401, 3.78 litre.

ZYME BLAST™
Natural enzymatic bacterial digestant. •For drain line maintenance and odour control •Use with automatic dispensing systems, septic systems, porta toilets, urinals and as an additive to cleaning solutions
Part No. A1649Q1232, 946 ml.
Part No. A016490401, 3.78 litre.

Sprayon

Industrial Floor Finishes

VALUE SHIELD™
18% solids acrylic sealer/finish. •Detergent and slip resistant performance •For use on all resilient floor surfaces •Economically priced
Part No. A005620401, 3.78 litre.
Part No. A005620005, 18.9 litre.

DIAMOND SHIELD™
25% solids acrylic sealer/finish. •Ideal for retail stores, office buildings, schools, etc. •High initial gloss that stands up to daily auto scrubbing and propane burnishing for the desired "wet look"
Part No. A005990401, 3.78 litre.
Part No. A005990005, 18.9 litre.

TERRAZZO SHIELD™
20% solids acrylic hard surface sealer/finish. •For use on terrazzo, quarry tile, brick, slate, marble, unglazed ceramic, and all vinyl and resilient floors •Maintain with any speed buffing or burnishing
Part No. A005000401, 3.78 litre.
Part No. A005000005, 18.9 litre.

SURFACE SEALER™
15% solids all purpose sealer. •For all resilient and non-resilient floor surfaces •Use as a base coat for any floor finish
Part No. A000280401, 3.78 litre.
Part No. A000280005, 18.9 litre.

SCUFF SHIELD™
19% solids acrylic sealer/finish. •Outstanding durability and resistance to black heel marks, scratches and scuffs •For all resilient floor surfaces •Maintain with any speed electric or battery, buffing and burnishing
Part No. A005270401, 3.78 litre.
Part No. A005270005, 18.9 litre.

Industrial Floor Finish Strippers & Carpet Care

MOP 'N MELT™
Sprayon's most popular heavy duty floor stripper. •Liquifies the most difficult-to-remove floor finishes •Effective with mop on or rotary machine operations
Part No. A011210401, 3.78 litre.
Part No. A011210005, 18.9 litre.

IMPACT™
A popular heavy duty floor stripper. •Removes today's highly burnished hard films, stays wet longer •Pleasant scent •Effective with mop on or rotary machine operations
Part No. A011320401, 3.78 litre.
Part No. A011320005, 18.9 litre.

NO RINSE FLOOR STRIPPER™
No-rinse, non-ammoniated floor finish stripper. •Quickly handles tough jobs •100% volatile, leaves no alkaline residue
Part No. A011920401, 3.78 litre.
Part No. A011920005, 18.9 litre.

CARPET EXTRACT™
Low foaming carpet cleaner. •Economically priced for use with all hot water extraction machines and truck mount systems
Part No. A005460401, 3.78 litre.

DUST-AID™
Water based dust mop and cloth treatment — aerosol. •Prevents dust from scattering •Use on air conditioning filters •Prevents dust and pollen from entering room
Part No. A5805A1218, 510 g.

BUBBLE BURST™
Super-concentrated liquid defoamer. •Eliminates foam in the return tanks of carpet extractors, wet vacs and automatic scrubbers
Part No. A005820401, 3.78 litre.

MULTI-SPOT™
Ready-to-use, multi-use, heavy duty spot remover. •Breaks down a wide range of soils and spots •Removes many grease, lipstick, food and other stains
Part No. A2638T1232, 946 ml.
Part No. A026380401, 3.78 litre.

LATHER CLEAN™
Carpet and upholstery shampoo. •Breaks down soil, detergent, and mineral deposits •Leaves no sticky detergent residues •For use with all rotary and dry foam shampooing
Part No. A026310401, 3.78 litre.

Sprayon

NEW!!

EXCALIBUR 4000 BIODEGRADABLE CITRUS CLEANER/DEGREASER

Designed for Pressure Washer Applications

Excalibur 4000 is a highly concentrated industrial degreaser designed for cold water pressure wash applications in cleaning of heavy equipment and ferrous (iron) metal surfaces. Removes oils, greases, smoke stains, waxes, tar, and inks. Not for use on painted road vehicle surfaces. It contains no glycol ether solvents and is non-caustic thus making it safe to use on most hard surfaces.

Excalibur 4000 is designed to go to work wherever greasy, oil, organic-based soils exist. It's great for ink too! Use it to clean tile, concrete, marble, and terrazzo floors or any other hard surface not affected by water. Cleans and deodorizes typewriters, vending machines, garbage, and trash containers, machinery, tools, etc.

Excalibur 4000 offers the following advantages:

•NON-BUTYL - Does not contain "butyl" or other glycol ether type solvents yet penetrates better than butyl for grease and inks.

•LOW VOC - Increased concern for Volatile Organic Compounds in work place areas has meant an increased concern for solvent cleaners. Excalibur 4000 contains less than 5% VOC and low evaporation rate meaning improved air quality.

•BIODEGRADABLE - The use of biodegradable citrus derivative means a more environmentally safe product.

•PLEASANT ODOUR - Many cleaners use perfumes or fragrances to mask the powerful solvent odours that people find objectionable. Excalibur 4000 uses no such perfumes but rather relies on the natural "orange" aroma of the citrus additive to provide a fresh clean smell after use.

•VERSATILE - Excalibur 4000 may be used in hot tanks as a soak cleaner, steam cleaner, pressure wash, automatic floor scrubber or in normal cleaning.

Part No. 4000-4L, 4 litre Excalibur Biodegradable Citrus Cleaner/Degreaser
Part No. 4000-20L, 20 litre Excalibur Biodegradable Citrus Cleaner/Degreaser
Part No. 4000-210L, 210 litre drum Excalibur Biodegradable Citrus Cleaner/Degreaser

EXCALIBUR 4001 BIODEGRADABLE NATURAL SOLVENT EQUIPMENT DEGREASER

4001 is a blend of natural solvents and detergents designed to remove tough soils including carbons, greases, and oils. It was designed to replace the standard petroleum distillates, chlorinated hydrocarbons and glycol ether type cleaners which work well but present a disposal problem.

Heavy equipment, automotive engines, machinery, and production equipment will clean quickly and easily with 4001. Road tars, greases, carbon and specialty lubricants are typical soils which are readily removed by 4001.

•EMULSIFIABLE LIQUID - May be used straight or extended with water for increased economy. Unlike petroleum solvents like kerosene or mineral spirits, surfaces cleaned with 4001 may be rinsed free with a water flush.

•SAFER - 4001 uses no petroleum distillates, chlorinated hydrocarbons, phenolics or glycol ethers which present waste disposal problems. Most waste treatment plants are able to accept 4001 dilutions for treatment (check with local authorities first).

•WORKS COLD - No need to add heat as with water-based cleaners. 4001 works at full efficiency when cold thus lowering energy requirements and costs.

•PLEASANT ODOUR - Most heavy duty solvent cleaners contain cresylic acid, chlorinated solvents or other odorous and toxic additives. 4001 cleans in heavy duty fashion and leaves behind a "citrus-like" odour. 4001 also has a slower evaporation rate than chlorinated type solvents meaning lower volatile organic content in the air and thus a safer workplace environment.

•NON-CORROSIVE - When used as directed, 4001 will not harm most metals and painted surfaces. Certain aluminum alloys and paints may be affected and surfaces should always be checked for safety before use.

Part No. 4001-4L, 4 litre Excalibur Natural Solvent Equipment Degreaser
Part No. 4001-20L, 20 litre Excalibur Natural Solvent Equipment Degreaser
Part No. 4001-210L, 210 litre drum Excalibur Natural Solvent Equipment Degreaser

EXCALIBUR 4100 MICRO-EMULSION "NATURAL POWER" CLEANER/DEGREASER

Excalibur 4100 is a heavy duty natural citrus solvent cleaner using state-of-the-art micro-emulsion technology. A unique blend of citrus oils, emulsifiers, detergents, and water softeners in a highly concentrated formula. 4100 will penetrate, dissolve, disperse, and remove heavy oils/greases/tars from surfaces that previously required cleaning with harmful petroleum and chlorinated solvents. When used as directed, 4100 will clean heavy equipment, engines, and machinery of even the heaviest soils. Excellent for removing oil and grease deposits and stains from concrete. When used as a general purpose cleaner diluted with up to 500 parts of water, 4100 will give superb cleaning results without the need for scrubbing or rinsing.

•POWER PLUS - The 4100 Micro-Emulsion Technology "locks in" a higher level of ingredients than normally possible in a solvent type product. This means greater efficiency of use because the product can be further diluted. It also means that when heavy duty jobs are at hand, 4100 can take them on with power to spare.

•ENVIRONMENTAL - 4100 uses no petroleum distillates, chlorinated hydrocarbons, phenolic compounds or glycol ethers which have been typically used to do heavy grease and oil cleanups. These materials are presenting increasing handling and disposal problems and in many areas are being phased out of use. The natural "citrus" solvent used in 4100 provides a more environmentally acceptable alternative to these materials.

•ENERGY EFFICIENT - Many detergent products require higher temperature to activate their emulsion and penetration characteristics. 4100 works extremely well in cold water even in the heaviest of cleaning jobs because it penetrates and solubilizes oils/grease/fats using the micro-emulsion principle.

•NON-CORROSIVE - 4100 does not depend on caustic ingredients to get the job done as many alkaline cleaners do. It has a pH in the neutral range (6.5 - 8.5) at use and will thus not corrode metal surfaces. In addition, it does not present a corrosive hazard to skin.

•ODOUR COUNTERACTION - The citrus solvent that provides the "punch" for 4100 micro-emulsion has another unique property. It exhibits the ability to counteract many malodors associated with industrial soils. Surfaces cleaned with 4100 not only look good but are left with a pleasant citrus-like odour.

Part No. 4100-4L, 4 litre Excalibur Natural Power Cleaner/Degreaser
Part No. 4100-20L, 20 litre Excalibur Natural Power Cleaner/Degreaser
Part No. 4100-210L, 210 litre drum Excalibur Natural Power Cleaner/Degreaser

Industrial Chemicals

EXCALIBUR 5000 INDUSTRIAL STRENGTH ALKALINE CLEANER/DEGREASER

Excalibur 5000 is an industrial strength alkaline cleaner concentrate formulated around the most state-of-the-art cleaning technology available today. It contains twice the active ingredients of many alkaline cleaners presently being sold thus making it extremely low cost to use.

Excalibur 5000 incorporates emulsifiers, soil destructive and peptizing agents that synergize the action of the builders to provide rapid, complete oil and dirt breakdown. These oily contaminants are emulsified and dispersed completely so that they do not interfere with rinsing. Built-in water softeners ensure that water hardness in make-up water is tied up and does not remove any cleaning power. Excalibur 5000 will easily clean most plastic, rubber, porcelain, concrete as well as a variety of metal surfaces without leaving a white residue on the surface after rinsing. It will take on any cleaning chore from light duty to the toughest. It is safe on most surfaces that can be cleaned with water.

Excalibur 5000 offers the following advantages:

- Contains no phosphates and is biodegradable - reduces disposal problem.
- Is non toxic and non flammable - safe for employees to handle.
- Contains no free hydroxides - will not clog steam cleaning and high pressure hot water machines.
- Rapid penetration.
- Versatile - may be applied by hand, immersion, spray, steam gun, high pressure hot water or scrubber.
- Liquid - easily diluted and totally dissolved, unlike powdered products.

Part No. 5000-4L, 4 litre Excalibur Industrial Strength Alkaline Cleaner/Degreaser
Part No. 5000-20L, 20 litre Excalibur Industrial Strength Alkaline Cleaner/Degreaser
Part No. 5000-210L, 210 litre drum Excalibur Industrial Strength Alkaline Cleaner/Degreaser

EXCALIBUR 5100 VEHICLE WASH CONCENTRATE

Excalibur 5100 is a liquid alkaline detergent concentrate chemically formulated to remove road film, carbon exhaust deposits and bug residue from painted vehicle surfaces utilizing pressure spray equipment and without the need to agitate the surface with brushes. It works equally well in hot or cold water and contains water softening agents to rinse freely even in hard water.

Many products have claimed to remove "road film", that ugly residue that normally remains on the vehicle surface unless it is mechanically or manually brushed during cleaning. This thin film is tenaciously held to the surface and requires a special combination of penetrants and dispersants to break the bond and bring the surface clean without the use of brushing. Excalibur 5100 contains builders, sequestrants and detergents in balanced levels to obtain "brushless" road film removal. This balanced system has been obtained without the use of phosphates, solvents or acids which have been part of most formulae designed in the past to attempt removal of "road film".

All that is required is a good pressure washing system with the ability to produce 500 psi or higher at the nozzle. Excalibur 5100 works best when applied and rinsed under high pressure conditions, however, application at low pressure followed by a few minutes of penetration time and a high pressure rinse will normally produce excellent results. Although Excalibur 5100 works extremely well with cold water, the use of hot water will enhance cleaning results. When hot water is used, it should be possible to reduce the concentration of the cleaner to one half or one third of the level required with cold water.

Excalibur 5100 offers the following advantages:

- CONCENTRATED LIQUID - simple and quick to mix and economical to use. No undissolved powder or lumps to settle out in mixing tanks or plug up in spraying equipment. May be metered easily into any system.
- SOAP FREE - may be used with any water source, soft or hard.
- NON-PHOSPHATED AND BIODEGRADABLE - reduces waste disposal problems.
- NON-CAUSTIC - contains no harsh caustic ingredients which can produce permanent and damaging effects on paint or skin.
- CHELATED - produces good cleaning and free rinsing even in the hardest of water conditions.

Part No. 5100-4L, 4 litre Excalibur Liquid Vehicle Wash Concentrate
Part No. 5100-20L, 20 litre Excalibur Liquid Vehicle Wash Concentrate
Part No. 5100-210L, 210 litre drum Excalibur Liquid Vehicle Wash Concentrate

EXCALIBUR ELIMINATOR POWDERED VEHICLE WASH

Excalibur ELIMINATOR is a highly effective, concentrated powder detergent formulated to efficiently remove a wide range of soils including; Road Film from automobiles, trucks, trailers, buses and cars; Carbon Deposits from truck exhaust on trailer fronts and sides and bug residue from vehicle fronts. As well it can remove many of the more stubborn grease and oil deposits on engines, transmissions, undercarriages and oil leaks from leaky hydraulic lines. "EXCALIBUR ELIMINATOR POWDERED VEHICLE WASH" - when mixed at the proper ratio and applied in accordance with the directions will remove most soils without the need for brushing.

Part No. P4235, 35 lb. keg Excalibur Eliminator Powdered Vehicle Wash
Part No. P4290, 90 lb. keg Excalibur Eliminator Powdered Vehicle Wash
Part No. P4200, 400 lb. keg Excalibur Eliminator Powdered Vehicle Wash

EXCALIBUR 7001 INDUSTRIAL DETERGENT CONCENTRATE

Excalibur 7001 is an industrial grade versatile detergent cleaner. It contains no glycol ether solvents and is non-caustic thus making it safe to use on most hard surfaces. The unique emulsion characteristics of Excalibur 7001 allow it to work in areas normally requiring a caustic based or butyl based cleaner. Specially designed to be used in food plants and food processing areas of all types. Excalibur 7001 is equally at home in an industrial plant, steam cleaner or in vehicle washing. Controlled foam characteristics make Excalibur 7001 an excellent product to use through a foam gun applicator for cleaning vertical or inclined surfaces. The quick penetrating and emulsifying action breaks up oily and greasy soils almost like magic. Once emulsified the soil particles are suspended so as not to redeposit. This allows 100% film and soil free surface after rinsing. May be used in hot tank as a soak cleaner, steam cleaner, pressure wash, automatic floor scrubber or in normal cleaning.

Part No. 7001-4L, 4 litre jug Excalibur Industrial 7001 Detergent Concentrate
Part No. 7001-20L, 20 litre pail Excalibur Industrial 7001 Detergent Concentrate
Part No. 7001-210L, 210 litre pail Excalibur Industrial 7001 Detergent Concentrate

Please see the Excalibur Soil Removal Guide on the following page.

EXCALIBUR 7100 HEAVY DUTY ALKALINE CLEANER/DEGREASER

Excalibur 7100 is a high alkali liquid detergent designed for pressure wash applications in cleaning of heavy equipment and ferrous (iron) metal surfaces. It contains a synergistic balance of alkaline builders and wetting agents to optimize penetration of tough oily and greasy soils and leave a clean free rinsed surface.

Although many alkaline cleaners will do an adequate job on light and medium duty cleaning, they fail to meet the grade in heavy duty cleaning situations. Excalibur 7100 was designed with such heavy duty cleaning in mind. Applications such as engine cleaning, heavy equipment and hydraulic cleaning and all cleaning where difficult soil exists on ferrous metal surfaces.

Excalibur 7100 works well in cold or hot water applications however hot water will normally produce superior results particularly where grease is present. When hot water cleaning is used, it is possible to reduce the concentration substantially from cold water cleaning dilutions.

Excalibur 7100 offers the following advantages:

•CONCENTRATED LIQUID - simple and quick to mix and economical to use. No undissolved powder or lumps to settle out in mixing tanks or plug up in spraying equipment. May be metered easily into any system.

•SOAP FREE - may be used with any water source - soft or hard.

•CHELATED - added sequestering agents produce enhanced cleaning and rinsing.

•SUPERIOR WETTING - rapid penetration and dispersion of soils produces cleaner surfaces in less time.

•STABLE - even though highly concentrated, no separation or settling takes place. May be stored for 1 year or more.

Part No. 7100-4L, 4 litre Excalibur Heavy Duty Alkaline Liquid Cleaner/Degreaser
Part No. 7100-20L, 20 litre Excalibur Heavy Duty Alkaline Liquid Cleaner/Degreaser
Part No. 7100-210L, 210 litre drum Excalibur Heavy Duty Alkaline Liquid Cleaner/Degreaser

EXCALIBUR LIQUID PARTS WASHER SOAP

Excalibur JW-81 is a specially formulated alkali liquid detergent designed specifically for use in automated parts washers. The unique detergent properties blended into the formulation promote consistent cleaning results. It contains no volatile organic compounds or phosphates and has special anti-rust agents blended into the mix to help prevent spot-rusting on cleaned parts. It is low foaming and will not attack aluminum or brass parts when used at recommended levels.

Part No. JW-81, 20 litre Excalibur Liquid Parts Washer Soap

EXCALIBUR POWDERED PARTS WASHER SOAP

A powdered alkaline cleaner formulated to promote consistent cleaning results in cabinet water based parts washers. It is designed to work in temperature ranges from 40° C to 80° C in all types of cabinet washers. This product contains no volatile organic compounds (V.O.C.'s) or phosphates, and is blended with anti-foam and anti-rust agents. It will not harm aluminum or brass parts when used at recommended levels.

Part No. JW-92, 150 lb. keg Excalibur Powdered Parts Washer Soap

EXCALIBUR ODOUR CONTROL

Excalibur ODOUR CONTROL product is used to control odours eminating from pits in shops, commercial buildings, institutions and residential complexes. Blended from essential oils, this all natural product forms a barrier that contains the odours below the water line. Excalibur Odour Control is convenient, long lasting and economical to use.

Part No. OCP-4L, 4 litre Excalibur Odour Control
Part No. OCP-20L, 20 litre Excalibur Odour Control

EXCALIBUR OIL & TAR REMOVER

Excalibur OIL & TAR REMOVER is an industrial grade solvent blend with built in activators and emulsifiers. Designd for use in removing tough soils (tar, asphalt, bitumen, diesel, stains, grease and sludge) from equipment such as engines, transmissions, construction equipment, farm machinery, garage floors, etc. May be diluted with up to 10 parts mineral spirits or kerosene and be applied by brushing on, spraying, wiping or immersion followed by water rinse if required.

Part No. TR1001-4L, 4 litre jug Excalibur Oil and Tar Remover
Part No. TR1001-20L, 20 litre pail Excalibur Oil and Tar Remover
Part No. TR1001-210L, 210 litre drum Excalibur Oil and Tar Remover

EXCALIBUR PAINT STRIPPER & GRAFFITI REMOVER

Excalibur PAINT STRIPPER & GRAFFITI REMOVER is designed with user safety in mind. It contains no methylene chloride, no acetone or other ketones, no flammable or volatile solvents. Easily cleaned up with water. All ingredients are readily biodegradable. Apply with a brush or roller, let stand and agitate with a brush (Excalibur Paint Stripper and Graffiti remover is a thick liquid that will cling to vertical surfaces). Wipe smooth surfaces with a clean towel or rag, rinse concrete and brick surfaces with a pressure washer. Reapply a second or third time as required.

Part No. GR2005-4L, 4 litre jug Excalibur Paint Stripper and Graffiti Remover
Part No. GR2005-20L, 20 litre pail Excalibur Paint Stripper and Graffiti Remover

Please see the Excalibur Soil Removal Guide on the following page.

Soil Removal Guide

SOIL TYPE	PRODUCT SELECTION											
	4000	4001	4100	5000	5100	7001	7100	TR1001	GR2005	JW81	JW92	ELIMINATOR
Carbon	✦	✦	✦	✦	✦	✦	✦	✦		✦	✦	✦
Coal Dust	✦	✦	✦	✦		✦	✦	✦		✦	✦	✦
Crude Oil		✦	✦	✦				✦		✦	✦	✦
Diesel	✦	✦	✦	✦		✦	✦	✦		✦	✦	✦
Dirt	✦				✦	✦	✦			✦	✦	✦
Exhaust	✦	✦	✦		✦	✦				✦	✦	✦
Grease	✦	✦	✦	✦		✦	✦			✦	✦	✦
Ink	✦	✦	✦	✦		✦	✦		✦			
Felt Pen									✦			
Spray Paint									✦			
Oil	✦	✦	✦	✦		✦	✦	✦		✦	✦	✦
Paraffin		✦				✦						
Road Film					✦							✦
Smoke	✦	✦	✦	✦		✦	✦					✦
Soot	✦	✦	✦	✦		✦	✦	✦		✦	✦	✦
Tar		✦	✦									
Mud					✦							✦
SURFACE TYPE												
Aluminum			✦	✦	✦	✦		✦	✦	✦	✦	✦
Parts Washing										✦	✦	
Bricks/Concrete	✦	✦	✦	✦	✦	✦	✦	✦	✦			
Constr. Equip.	✦	✦	✦	✦		✦	✦	✦				✦
Farm Equipment	✦					✦	✦					✦
Metal/Iron		✦	✦	✦		✦	✦	✦	✦	✦	✦	✦
Oil Field Equip.		✦	✦	✦		✦	✦	✦	✦			✦
Painted Steel	✦	✦	✦		✦	✦	✦	✦	✦			✦
Stainless Steel	✦	✦	✦	✦	✦	✦		✦	✦			✦
Vehicles	✦		✦		✦	✦	✦	✦				✦
APPLICATION												
H.P. Wash - Cold	✦		✦	✦	✦	✦	✦					✦
H.P. Wash - Hot	✦		✦		✦	✦	✦					✦
Pre-Spray		✦	✦	✦				✦	✦			✦
Immerse/Soak		✦	✦					✦				
Wipe/Brush		✦	✦	✦				✦	✦			✦
Parts Washers										✦	✦	

PRODUCT INDEX

4000 •Biodegradable Citrus Cleaner/Degreaser
•removes organic soils such as oil and grease

4001 •Biodegradable Industrial Natural Citrus Solvent
•removes tars, grease, oils, carbons, exhaust

4100 •Biodegradable Natural Citrus Cleaner/Degreaser
•removes oil, grease, carbon, exhaust, tar, inks

5000 •Industrial Strength Alkaline Cleaner/Degreaser
•removes organic soils - oil, grease, carbons, inks, fuels

5100 •Vehicle Wash Concentrate
•removes organic soils such as road film, dirt, carbon

7001 •Industrial Grade Non-Butyl Detergent
•safe for use on most hard surfaces

7100 •Heavy Duty Alkaline Cleaner/Degreaser
•removes soils such as oil, grease, exhaust, fuels

TR1001 •Industrial Grade Solvent Blend
•removes tough soils, tar, asphalt, diesel stains

GR2005 •Graffiti Remover
•removes latex, enamel, aerosol paint, glue, inks, permanent markers, etc. Safe on brick, wood, glass, concrete, tile, fibre-glass, most plastic surfaces

JW81 •Liquid Parts Wash Detergent
•for use in cabinet parts washers, removes carbons, greases and oils from parts, safe on all metals

JW92 •Powder Parts Washer Detergent Concentrate
•designed to work in parts washers and like the liquid JW81, it has rust inhibitors and anti-foam agents blended in to help in the cleaning process, safe on all metals

ELIMINATOR •A Highly Effective, Powdered Vehicle Wash
•removes a wide range of soils including: road film from automobiles, trucks, trailers, buses and cars; carbon deposits from truck exhaust on trailer fronts and sides and bug residue from vehicle fronts
•removes many of the more stubborn grease and oil deposits on engines, transmissions, undercarriages and oil leaks from leaky hydraulic lines

STREAM
Power Wash Cleaning Compound

For Industrial, Institutional, & Food Plant Use
Stream is a cleaning compound specially formulated for a one-step spray or manual cleaning of cars, trucks, and buses. Completely safe on all painted surfaces.

Part No. STR-50, 44 lb. keg Stream powdered wash cleaning compound
Part No. STR-110, 110 lb. keg Stream powdered wash cleaning compound
Part No. STR-350, 352 lb. keg Stream powdered wash cleaning compound

RIG WASH
Equipment Wash Compounds

CONCENTRATED POWDERED RIG WASH CLEANER & DEGREASER
Rig Wash is designed primarily for cleaning oilfield and industrial equipment parts and is completely biodegradable. Can be used in pressure washer or with manual washing procedures. 20 kg pail.
Part No. RIG-50.

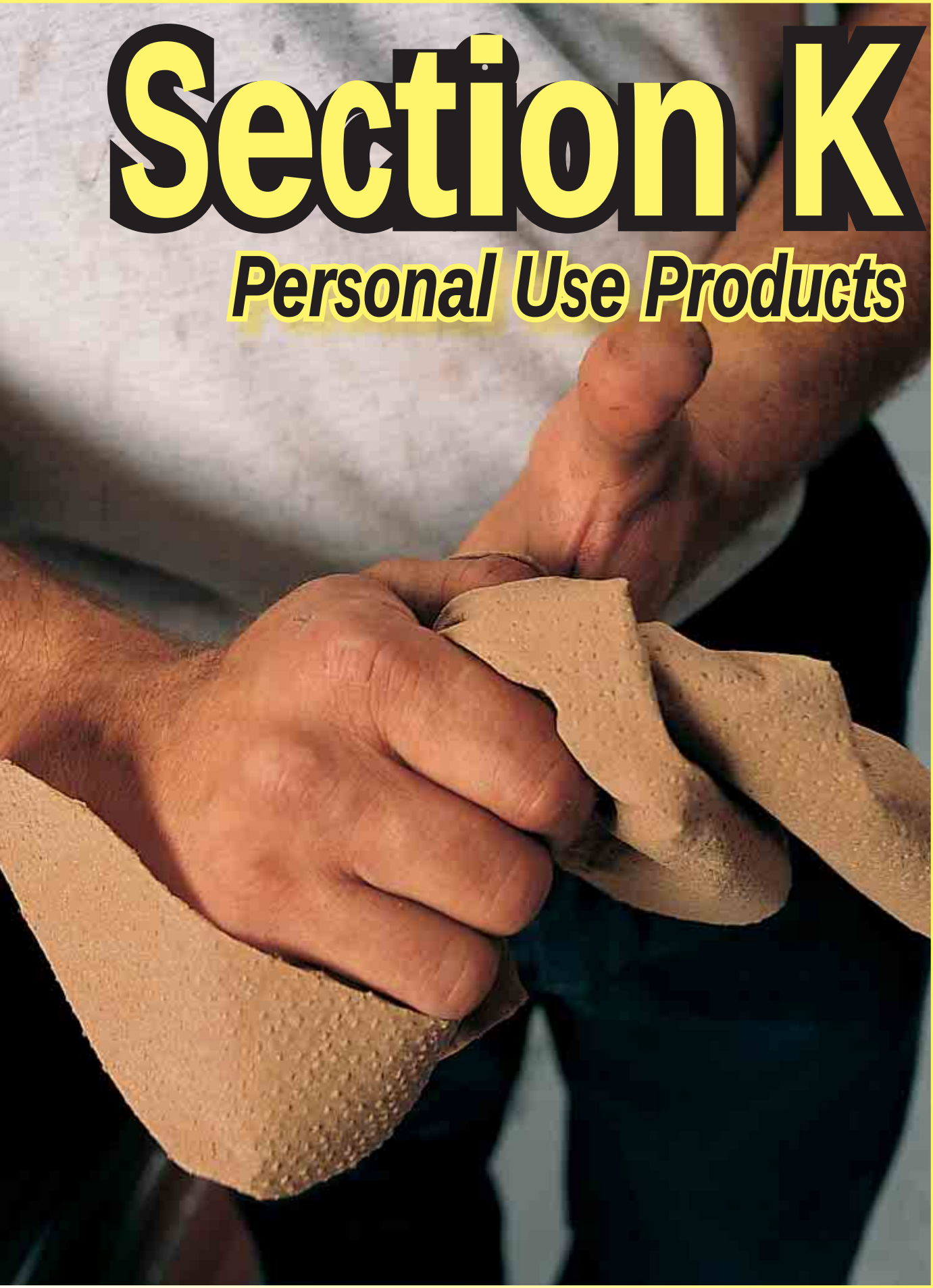
CONCENTRATED LIQUID RIG WASH CLEANER & DEGREASER
Rig Wash is designed primarily for cleaning oilfield and industrial equipment parts and is completely biodegradable. Can be used in pressure washer or with manual washing procedures. 20 litre pail.
Part No. LIQ-20.

SOLVENT TAR REMOVER & DEGREASER
This product is a highly effective solvent tar remover and degreaser which cuts tar, crude oil, and greases quickly. It is suitable for manual application or spraying only and can not be used in pressure washers or steamers. 20 litre pail.
Part No. TAR-20.

CELEBRATING 40 YEARS
40
1968
Gregg
2008

Section K

Personal Use Products



Look!
Fresh out of the crate!!
What's New In this Section?
We've highlighted new-product lines in this section with a "New" logo.
Please Note: Many existing product lines have been expanded and may not be listed on this quick index.
FRAGILE
HANDLE WITH CARE
Product Line
Sara Lee Coffee & Tea Products K9
Section K
Gregg Distributors Ltd.

Dl Trounce® Pumice Lotion & Cream Hand Cleaner

•Professional strength lotion hand cleaner with pumice. •Fast-acting formula won't irritate hands or leave a greasy residue. •Cleans oil, grease, tar, grime, soil, resins, printers ink, epoxies, paint, rubber, gaskets, tile cement and laundry stains.

DL Trounce® cream hand cleaner with pumice

Part No. 03-013, 400 gram container.
Part No. 03-406*, 2 kg container.
Part No. 03-202, 20 kg pail.

DL Trounce® lotion hand cleaner with pumice

Part No. 21-116, 440 ml squeeze bottle.
Part No. 21-218*, 3.78 litre pump top jug.

DL BLUE LABEL™ CREAM HAND CLEANER

•Petroleum solvent-based cream formula waterless hand cleaner. •Gentle to hands, leaves no greasy feeling after use. •Cleans oil, grease, tar, grime, soil, resins, printers ink, epoxies, paint, rubber, gaskets and tile cement.
Part No. 01-013, 400 gram container.
Part No. 01-406*, 2 kg container.
Part No. 01-202, 20 kg pail.

DL PAINTER'S CLEAN PAINT & RESIN REMOVING HAND CLEANER

•A safer alternative to harsh, drying and potentially toxic solvents and thinners. Fortified with premium skin conditioners, this freshly-scented, fine pumice formula quickly removes the toughest soils. Biodegradable, nontoxic and nonflammable. •Cleans stains, varnish, lacquer, urethane adhesives and paints, resins, clear coats, body fillers, primers, oil-based paints, silicones, printer's ink, oil, and grime.
Part No. 65-116, 440 ml squeeze bottle.
Part No. 65-216, 1.89 litre pump bottle.

DL FAST ORANGE® PUMICE AND SMOOTH LOTION OR CREAM HAND CLEANER

•The leading biodegradable, waterless, petroleum solvent-free hand cleaner.
•Contains no harsh chemicals, mineral oils or ammonia that can sting cuts and abrasions. •Contains aloe, lanolin, jojoba and Corn Huskers. Lotion® for added skin conditioning and protection. Gently cleans the toughest dirt - cleans grease, grime, oils, glues, gasket and tile cement, printers ink, paint, and tar from hands. Also works great on laundry stains, greasy stoves, pet odours and other household cleaning needs.

DL FAST ORANGE® LOTION HAND CLEANER

Part No. 23-108, 225 ml squeeze bottle.
Part No. 23-116, 440 ml squeeze bottle.
Part No. 23-217*, 1.89 litre pump bottle.
Part No. 23-218*, 3.78 litre pump bottle.
Part No. 23-104*, 3.78 litre flat-top.

DL FAST ORANGE® LOTION HAND CLEANER WITH PUMICE

Part No. 25-108, 225 ml squeeze bottle.
Part No. 25-116, 440 ml squeeze bottle.
Part No. 25-217*, 1.89 litre pump bottle.
Part No. 25-218*, 3.78 litre pump bottle.
Part No. 25-104*, 3.78 litre flat-top.
Part No. 25-575, 163 gram bar soap.

DL FAST ORANGE® CREAM HAND CLEANER

Part No. 33-013, 397 gram container.
Part No. 33-406*, 2.04 kg container.

DL FAST ORANGE® CREAM HAND CLEANER WITH PUMICE

Part No. 35-013, 397 gram container.
Part No. 35-406*, 2.04 kg container.

DL FAST ORANGE® DRY SKIN HAND CLEANER

•Developed specifically for frequent users, Dry Skin formula helps reduce the symptoms of dry, cracked skin. Biodegradable, petroleum solvent-free and nontoxic, it also contains aloe, lanolin, glycerin and other premium skin conditioners.
Part No. 27-218, 3.78 litre pump bottle.

DL FAST ORANGE® HAND CLEANER WIPES

•Remove the toughest grease, tar, grime, ink, paints, sealants, adhesives and other difficult soils. Each pre-moistened wipe has a textured surface on one side that is ideal for cleaning heavy duty soils from hands, tools and work areas. The wipes also have a smooth side for general purpose cleaning. Applications: Field service trucks, industrial work stations, construction, utility maintenance, transportation, printing, municipal maintenance, marine, and warehouse personnel.
Part No. 25030, 30-ct. bucket.
Part No. 25072, 72-ct. bucket.

DL DISPENSERS, BRACKETS & MERCHANDISERS

Part No. 90-126, Plastic thumb pump dispenser - for all 3.78 litre jugs.
Part No. 90-128, Wall mounted wire bracket for all 3.78 litre jugs.
Part No. 95-140, Wall-mounted dispenser - allows for metered use of all DL Hand Cleaners in the professional size containers noted with *.

95-140

90-128

Hand Cleaners

GOJO ORIGINAL FORMULA HAND CLEANER

•Rich creme type •With or without pumice •Cleans heaviest duty soils •Fortified with lanolin •Cleans with or without water
Part No. 1109CN, 510 gram tub.
Part No. 1111CN, 2.04 kg tub.
Part No. 1115CN, 2.04 kg tub.
Part No. 1132CN, 481 gram tub.
Part No. 1135CN, 1.81 kg tub GOJO Original Formula w/ fine Italian pumice for 1204CN dispenser.
Part No. 1141CN, 414 ml tub GOJO Original Formula, heavy duty.
Part No. 1206DCN, GOJO Original Formula Intro-Pak: c/w 1 - 1115CN 2.04 kg tub and 1 - 1204CN dispenser.

GOJO LEMON HAND CLEANER

•Rich creme type •With or without pumice •Advanced cleaning formula •With skin conditioners •Fresh lemon scent •Cleans with or without water
Part No. 0905CN, 2.04 kg tub, for 1204CN dispenser.
Part No. 0915CN, 2.04 kg tub GOJO Lemon w/ pumice for 1204CN dispenser.

GOJO ORANGE HAND CLEANER

•Rich creme type •With or without pumice •With skin conditioners
Part No. 0965CN, 2.04 kg tub, for 1204CN dispenser.
Part No. 0971CN, 414 ml tub GOJO Orange w/ pumice hand cleaner.
Part No. 0978CN, 828 ml tub GOJO Orange w/ pumice hand cleaner.
Part No. 0975CN, 2.04 kg tub GOJO Orange w/ pumice hand cleaner for 1204CN dispenser.

GOJO NATURAL ORANGE HAND CLEANER

•Fast cleaning lotion •Petroleum-free citrus formula •With skin conditioners
Part No. 0947CN, 414 ml Grippit™ squeeze bottle w/ nail brush.
Part No. 0945CN, 3.78 litre tub w/ pump dispenser.
Part No. 0957CN, 414 ml Grippit™ squeeze bottle w/ nail brush GoJo Natural Orange w/ pumice.
Part No. 0955CN, 3.78 litre tub w/ pump dispenser GOJO Natural Orange w/ pumice.

GOJO POWER GOLD® HAND CLEANER

•Best performing hand cleaner for heavy duty soils •Removal of the heaviest grease and grime - including tough contaminants such as oil, asphalt, and tar •Contains Crushables®, a natural non-irritating scrubbing medium •Advanced skin cleaning ingredients •Contains emollients •Waterless formula for use anywhere, anytime.
Part No. 0987CN, 414 ml bottle.
Part No. 0988CN, 2 litre bottle w/ pump dispenser w/ nail brush.

GOJO DISPENSER

•Heavy duty, portion control •For use with both pumice and non-pumice creme type formulas •Fits GOJO numbers 1115CN, 1135CN, 0905CN, 0915CN, 0965CN, 0975CN
Part No. 1204CN, GOJO portion control dispenser.

GOJO®

GOJO PAINTER'S HAND CLEANER

•Effective hand cleaner especially for professional and do-it-yourself painters and woodworkers
Part No. 1007CN, 414 ml Grippit™ squeeze bottle w/ nail brush.

GOJO HAND MEDIC™ ANTISEPTIC SKIN TREATMENT

•Contains skin care ingredients as well as an antiseptic agent to help heal red, rough, dry, cracked skin
Part No. 8142CN, 59 ml bottle.
Part No. 8242CN, 500 ml refill Antiseptic Skin Treatment.
Part No. 8200CN, Dispenser for 500 ml refill.

GOJO MICRELL™ ANTIBACTERIAL LOTION SOAP

•Kills germs, yet gentle enough on hands to use every day •With moisturizers
Part No. 9757CN, 800 ml refill.
Part No. 9721CN, Dispenser for 800 ml refills.

Micrell®

Personal Use Products

GOJO®
Hand Cleaners

PURELL® HAND SANITIZER
•Sanitizes hands even when soap and water are not available (no rinsing or towels required) •With moisturizers and Vitamin E •Kills 99.99% of most common germs that may cause illness in as little as 15 seconds
Part No. 9651CN, 118 ml bottle.
Part No. 9657CN, 800 ml refill bottle.
Part No. 9621CN, Dispenser for 800 ml refill.

GOJO FAST WIPES™ HEAVY DUTY HAND CLEANING TOWELS
•Convenient and easy to use hand cleaner towels •Quickly removes grease, grime, oil, and ink •Safely removes soils without irritation •Eliminates soiled work and fingerprints
Part No. 6298CN, 130 count bucket.
Part No. 6299CN, 225 count bucket.

GOJO PRO 2000 BAG-IN-BOX SYSTEM HAND CLEANER
•Soap is contained in a plastic bag with a nozzle inside an easy-to-handle box. This box drops into the PRO 2000 dispenser. When empty, simply drop a new refill in place.
Part No. 7255CN, 2000 ml refill GOJO Natural Orange w/ fine Italian pumice.
Part No. 7265CN, 2000 ml refill GOJO Multi Green w/ scrubbing particles.
Part No. 7272CN, 2000 ml refill GOJO Supro Max multi-purpose heavy duty hand cleaner.
Part No. 7295CN, 2000 ml refill GOJO Power Gold w/ Crushables.
Part No. 7200CN, GOJO Dispenser for 2000 ml Bag-In-Box hand cleaner.

STOCKHAUSEN
Hand Cleaners

STOKO® SkinCare

Stockhausen consistently provides safe and effective products designed to protect, clean, and maintain healthy skin. All products have a pleasant fragrance. Stockhausen dispensers are guaranteed to provide superior service in hygiene, reliability, ease of use, and feature no waste dispensing. Stockhausen's 3 Point Program (Protection, Cleaning, After Care) offers the very best value in today's hand cleaning market.

1. PROTECTION (Blue Series)
Designed to protect skin from all kinds of professional hazards. The "Blue Series" products are applied before work helps keep skin healthy when working with harsh workplace substances. Safe for skin; they can also make clean-up easier.

TRAVABON®
•For use with oil-based substances such as grease, oil, cutting oils and organic solvents •Aids in clean up when applied before work •Silicone and oil-free Travabon® is the only skin protection cream of its type which has proved effective in clinical studies. Contains skin compatible special emulsifiers which greatly reduce the adherence of non water-soluble substances (e.g. oil, grease, glues, resins, paints, graphite and metal dust) to the skin. These emulsifiers make skin cleaning quick and easy. If Travabon® is regularly applied before and during work, the use of strong skin cleaners, and the associated risk of skin irritation, can be significantly reduced. Silicone free. Use: Rub small amount of Travabon® thoroughly onto clean dry skin. Do not use on face.
Part No. 81055, 100 ml tube.
Part No. 31157, 1000 ml Softbottle™.

2. CLEANING (Green Series) — continued to next page
The "Green Series" of products is engineered to provide optimized cleansing, skin-compatible and environmentally friendly cleansers break down grease, oil, dried-on paints, adhesives and urethanes. Heavy duty paste cleaners contain Astopon® all natural, walnut shell scrubbers which are effective at cleaning ground-in soils while remaining gentle to the skin.

KRESTO®
•For extra heavy cleaning of grease, oil, ink and carbon black •Contains all natural, biodegradable walnut shell scrubbers •Low solvent content, good skin compatibility
Kresto® is a slightly acidic alkali-free hand cleaner which contains a biodegradable walnut shell scrubber and a safe solvent. It cleans extremely well in cases of intensely stubborn industrial dirt (e.g. grease, oil, soot, metal dust, lacquers, adhesives, etc.) which cannot be removed at all by products that are free of scrubbers and solvents. Use: Rub a small amount of Kresto® thoroughly onto dry hands, add a little water and continue washing, rinse with plenty of water and dry thoroughly.
Part No. 87005, 250 ml tube.
Part No. 87045, 2000 ml Softbottle™.
Part No. 30362, ½ gallon pump bottle.

KRESTO® SELECT
•100% solvent free, extra heavy duty hand cleaner •Has the cleaning power to handle tough soils such as grease, oils, soot and carbon black, but is gentle to skin •Contains all natural, walnut shell scrubbers
Part No. 47157, 250 ml tube.
Part No. 87157, 2000 ml Softbottle™.

KRESTO® KWIK-WIPES®
•For quick cleaning of dirt, grease and grime when a sink is not available •Textured wipes •For use on skin, also great for tools and other surfaces
Part No. 87077, 70 count canister.
Part No. 87008, 130 count bucket.

Personal Use Products

STOCKHAUSEN
Hand Cleaners

Stockhausen consistently provides safe and effective products designed to protect, clean, and maintain healthy skin. All products have a pleasant fragrance. Stockhausen dispensers are guaranteed to provide superior service in hygiene, reliability, ease of use, and feature no waste dispensing. Stockhausen's 3 Point Program (Protection, Cleaning, After Care) offers the very best value in today's hand cleaning market.

2. CLEANING (Green Series) — continued

The "Green Series" of products is engineered to provide optimized cleansing, skin-compatible and environmentally friendly cleansers break down grease, oil, dried-on paints, adhesives and urethanes. Heavy duty paste cleaners contain Astopon® all natural, walnut shell scrubbers which are effective at cleaning ground-in soils while remaining gentle to the skin.

SOLOPOL®

•For medium to heavy duty cleaning of common automotive soils •Solvent free •Excellent skin compatibility •Contains all-natural, walnut shell scrubbers

Solopol® is a slightly acidic hand cleaner which contains a non-aggressive natural scrubber. It is alkali and solvent free. It has a good skin compatibility and excellent cleaning power in cases of intense industrial dirt (e.g. waste, oil, mineral oil, lubricating oil, graphite, metal dust, soot) which cannot be removed at all by products containing no scrubbers. Use: Rub small amount of Solopol® thoroughly onto dry hands, add a little water and continue washing, rinse with plenty of water and dry thoroughly.
Part No. 83187, 2000 ml Softbottle™.
Part No. 30384, 1/2 gallon pump bottle.

ESTESOL®

•Light duty, everyday hand cleaner •Pleasant fragrance and lather •Economical

Estesol® is a light duty skin cleanser designed for everyday use in public and private restrooms, and mechanic wash-up areas. It is formulated to be a highly effective cleanser with good cleaning power for light duty use. Neutral pH balanced green liquid is extremely gentle on the skin and offers a pleasant fragrance. Built-in conditioners leave the skin feeling smooth and soft.
Part No. 83311, 2000 ml Softbottle™.

CUPRAN® SPECIAL

•Special cleaner for oil based paints, stains, urethane sealants, adhesives, tar, and asphalt

Cupran® Special is a slightly acidic hand cleaner which contains a mixture of esters. It has very strong cleaning power for removing dirt caused by oil paints, lacquers, resins, adhesives, etc. Cupran® Special is free of soap and preservatives. It does not contain water which enables effective cleaning with only small quantities. Its slight fragrance makes it appealing to consumers. Use: Rub small amount of Cupran® Special thoroughly onto dry hands, add a little water and continue washing, rinse with plenty of water and dry thoroughly.
Part No. 81871, 250 ml tube.
Part No. 81874, 2000 ml Softbottle™.

3. AFTER CARE (Pink Series)

When the day's work is over, rough and damaged skin needs professional care. The "Pink Series" helps keep skin healthy when under environmental and occupational stress.

STOKOLAN®

•Concentrated conditioning cream for replacing lost moisture and oils •Ideal for chapping, chafing and eczema •Silicone free

Stokolan® is a silicone-free skin care cream which spreads easily, works quickly into skin and leaves no residual fat layer. Stokolan® has proved very effective in helping to prevent and treat dry, rough and even cracked skin that is caused by work-related conditions (attrition dermatosis). By adding moisture and oil to the skin, Stokolan® assists the natural regeneration of the skin. If applied regularly, it keeps the skin soft and smooth, and prevents it from becoming chapped or dry. Use: Rub small amount of Stokolan® thoroughly onto clean dry skin. May be applied to face.
Part No. 85485, 100 ml tube.
Part No. 31134, 1000 ml Softbottle™.

STOKO® DISPENSERS

Fits the Softbottle™ products. Vario sizing for 1000 ml and 2000 ml sizes. High impact plastic construction. Clean, hygienic, and economical.
Part No. 29187, white.
Part No. 59808, black.

Personal Use Products

Proudly Canadian!

KLEEN PRODUCTS INC.
Joe's Hand Cleaner Products

JOE'S ALL PURPOSE HAND CLEANER
Joe's creamy formula liquifies and gently lifts grease, grime and stains from the hands safely without water. Joe's leaves the hands cleaned, conditioned and without the greasy feeling and strong odor of competitive brands. The lanolin and skin care emollients help heal rough, dry and overused hands.
Part No. 105-15, 15 oz. plastic squeeze tube.
Part No. 101-45, 4.5 lb. plastic container.
Part No. 104-50, 20 L pail.

JOE'S HAND SCRUB
Formulated with lanolin and gentle polyethylene scrubbing agents. Polyethylene is round and smooth, unlike jagged edges of pumice or sand. Subsequently, the scrubbing process is a safer, more gentle method. Water or waterless.
Part No. 405-15, 15 oz. plastic squeeze tube.
Part No. 401-45, 4.5 lb. plastic container.
Part No. 404-50, 20 L pail.

JOE'S CITRUS BLUE
Formulated with nature's natural d-Limonene solvent for safe cleaning, balanced skin conditioning and the fresh scent of citrus. A distinctive blue colour to bring a new level of cleaning the smell of work off your hands.
Part No. 505-15, 15 oz. plastic squeeze tube.
Part No. 501-45, 4.5 lb. plastic container.

JOE'S DISPENSERS
Part No. 311-00, plastic wall dispenser (Fits 4.5 lb. containers).
Part No. 301-01, plastic pump dispenser (Fits 4.5 lb. containers).

311-00

301-01

'pr' SKIN CARE PRODUCTS
Barrier Cream

pr88 is not a detergent and/or handcleaner. pr88 is a water soluble barrier cream which is applied to the skin before work begins and which provides a protective non-greasy film while working. The skin's natural respiration remains unaffected while using pr88. A marble size quantity of pr88 suffices to protect the hands against contaminants such as oil, fat, tar, paint, lacquer, glue, resin, gasoline, synthetics, most of the non-aqueous, non-polar organic solvents and many other problem substances. The protective film can only be washed off with water. Upon completion of work the dirt is washed and rinsed off, together with the cream, under running water.
Part No. 88/005, 105 ml container.
Part No. 88/010, 1 litre container.

Personal Use Products

DEEP WOODS OFF!®/OFF!®/RAID®

KKK/3480

Insect Repellent & Killers

DEEP WOODS OFF!®

For long lasting protection against biting and bothersome insects such as mosquitoes, flies, gnats, ticks, chiggers, and fleas. Deep Woods Off! is an unscented formula that is non-greasy and resists perspiration.

Part No. 01853, 100 ml pump spray, contains 23.75% DEET.

Part No. 71944, 230 gram aerosol can, contains 23.75% DEET.

Part No. 01947, 230 gram aerosol can, contains 28.5% DEET; "for Sportsmen" variety.

Part No. 01856, 30 ml pump bottle, contains 23.75% DEET and is designed for up to 6 hours of effective protection. Handy pump applicator allows for control of the amount and direction of repellent dispensed.

OFF!® & OFF!® SKINTASTIC®

Off!® Unscented - All purpose repellent which is ideal for family use during outdoor activities. Non-greasy, won't stain and is fragrance free. Repels mosquitoes, black flies, stable flies, sand flies, gnats, ticks, chiggers, and fleas. Lasts for hours.

Off!® Skintastic® - Repels mosquitoes and black flies up to 2 to 3 hours. Formulated with aloe vera, non-greasy, won't stain and is fragrance free. Also available in a lotion version which moisturizes skin as it works.

Part No. 01910, 170 gram aerosol can, Off! Unscented, contains 14.25% DEET.

Part No. 01938, 175 ml pump spray, Off! Skintastic, contains 6.65% DEET.

RAID® BUG KILLERS

Part No. 81076, 350 gram aerosol can Flying Insect Bug Killer. Non-staining, non-flammable. Kills on contact flying insects such as flies, mosquitoes, flying moths and gnats. For indoor or outdoor use.

Part No. 01776, 400 gram aerosol can Wasp & Hornet Killer. Kills wasps and hornets on contact. Spray nest from about 2 - 4 metres until it is thoroughly wet. (Works best in early morning or evenings.)

Part No. 01786, Package of 8 Mosquito Coils. Insert these coils into the top of the stand, light outer edge of the coil with match and blow out flame. Kills mosquitoes on patios and decks and works best with limited movement of air. Each coil burns up to 5 hours.

CROC BLOC

KKK/1748

Sunscreen & Insect Repellent

SPF 30 SUNSCREEN

•Greaseless •Sweatproof •Paba free •Waterproof •Non-perfumed •Broad spectrum protection

Part No. 12310, Sunscreen Towelette.

Part No. 12340, 120 ml flip top container.

Part No. 12350, 1 litre pump bottle.

Part No. 12100, Wire wall mount rack for use with 1 litre containers.

12310

12350/12100

12340

HEAVY DUTY INSECT REPELLENT

28.5% Deet for 6 hour protection against biting insects. 150 gram aerosol.

Part No. 12435.

WASP & HORNET KILLER

Spray has a range of 5 metres — kills wasps, hornets, yellow-jackets, and bees. Dielectric strength 35kv. 325 gram aerosol.

Part No. 12545.

CROC BLOC™

Personal Use Products

Proudly Canadian!

BEN'S® 30
Deet Insect Repellent

•30% DEET •Odourless •Colourless •Easy to use product gives protection from mosquitoes, black flies, ticks, chiggers, sandflies, and fleas
Part No. BS-12, 37 ml spray.
Part No. BPS-12, 120 ml pump spray.
Part No. BECO-12, 177 ml Eco-Spray.

NATRAPEL®
Citronella Insect Repellent

•Clinical tests show Natrapel as effective if not better than other major brands in the marketplace in repelling insects •Non-oily formula in lotion and sprays •Uses citronella, a plant derivative, to protect against biting insects •Excludes irritating ingredients like alcohol for gentle, moisturizing formula •Contains 10% citronella in aloe
Part No. NL2B-12, 60 ml lotion.
Part No. NRS-12, 118 ml pump spray.
Part No. NECO-12, 177 ml Eco-Spray.

UDAP INDUSTRIES
Bear & Dog Deterrent Pepper Spray

UDAP

12C

BEAR SPRAY
The Pepper Power Fogger is the most efficient way to dispense large amounts of OC (Oleoresin Capsicum - Hot Red Pepper) on to a subject in the shortest period of time. The fogger's enhanced broad spray pattern and inhalable particle size make it the most effective aerosol tool available to stop a bear attack.
SPECIFICATIONS
•Hot, potent oil based formula for lasting airborne dispersement of spray
•Bear spray comes in 0.75% Capsaicin rating
•Powerful dispersion, shotgun blast pattern
•Highly visible fog w/ a non-flammable propellant
•Glow in the dark safety pin attached with a tether to the bottle
•Proven in dozens of wildlife attacks

Part No. 12C, Bear Spray, 225 gram.
Part No. 12HPC, Bear Spray, 225 gram c/w hip holster in clamshell packaging.
Part No. 12H, Hip Holster - a comfortable means to carry bear spray, also allows the user to shoot "from the hip" without drawing the canister.
Part No. 12CH, Chest Holster - three easily adjustable straps are designed to fit chest sizes 32 to 54. Designed for immediate access, and for dispersing product directly from the holster. Recommended for use during colder temperatures and when wearing a back pack.

JOGGER FOGGER DOG DETERRENT
Is the most popular all-round self defense unit. Designed to fit easily in the palm of your hand with a stretch band to hold it securely in place. With holster's inner loop, it can also be worn on a belt for mail carriers, delivery people, meter readers, etc. For bicycle enthusiasts the jogger fogger can also be strapped on the back of your hand.
SPECIFICATIONS
•Emits 8 one second blasts at a maximum range of approximately 3 meters
•Oil-based powerful fog
•Dog spray comes in 0.35% Capsaicin rating
•Shotgun blast pattern
•Highly visible fog w/ a non-flammable propellant

Part No. 3PC, Dog Spray, 50 gram c/w universal jogger holster in clamshell packaging.

GATORADE®

GAT/3345

Worksite Products

•Gatorade is a rehydration drink that helps maintain endurance during physical exertion by supplying the body with essential carbohydrates, fluids, and electrolytes.

READY TO DRINK - 591 ml
Part No. 42060, Lemon Lime.
Part No. 42061, Orange.
Part No. 42062, Fruit Punch.
Part No. 42063, Cool Blue.
Part No. 42065, Fierce Grape.

READY TO DRINK SPORT CAP BOTTLE - 710 ml
Part No. 42100, Fruit Punch.
Part No. 42101, Lemon.
Part No. 42102, Cool Blue.
Part No. 42103, Orange.
Part No. 42107, Fierce Grape.

READY TO DRINK - 950 ml
Part No. 10630, Lemon Lime.
Part No. 10631, Orange.
Part No. 10664, Fruit Punch.
Part No. 40035, Cool Blue.
Part No. 40045, Fierce Grape.

CRYSTALS - 560 g
Each 560 g canister makes 8L of Gatorade.
Part No. 10634, Lemon Lime.
Part No. 40051, Orange.
Part No. 40052, Fruit Punch.
Part No. 10640, Glacier Freeze.

ARCTIC CHILLER LTD.

KKK/1233

Water Products

SPRING WATER
Part No. SW-500-24, Case of 24, 500 ml bottles - c/w sport cap.
Part No. SW-1-12, Case of 12, 1 litre bottles - c/w sport cap.
Part No. SW-4-4, Case of 4, 4 litre jugs.
Part No. SW-20, 20 litre "bag-in-a-box".

REVERSE OSMOSIS WATER
Part No. ROW-4-4, Case of 4, 4 litre jugs.
Part No. ROW-20, 20 litre "bag-in-a-box".

DISTILLED WATER
Part No. DW-4-4, Case of 4, 4 litre jugs.
Part No. DW-20, 20 litre "bag-in-a-box".

Personal Use Products

Proudly Canadian!

NEW!!

SARA LEE COFFEE & TEA LTD.

Coffee & Tea Products

SUPERIOR PREMIUM REGULAR BLEND COFFEE
Part No. 30908, Case of 42, 1.3 oz.
Part No. 30916, Case of 42, 1.5 oz.
Part No. 30924, Case of 42, 1.75 oz.
Part No. 30932, 454 g.

SUPERIOR 100% COLUMBIAN COFFEE
Part No. 30940, Case of 42, 1.2 oz.
Part No. 30957, Case of 42, 1.75 oz.
Part No. 650, Case of 64, 1.5 oz.
Part No. 614, 16 oz.

SUPERIOR/ROYAL 100% COLUMBIAN DECAFFEINATED COFFEE
Part No. P03035, Case of 64, 1.75 oz.

KAYO DUTCH BLEND HOT CHOCOLATE
Part No. 931, Case of 50, 1 oz. packets.

PICKWICK TEA
Part No. 700, Pack of 20, 1oz. English Blend Tea.
Part No. 701, Pack of 20, 1oz. Earl Grey Tea.
Part No. 716, Pack of 100, 1 oz. Orange Pekoe Tea.

SWEETENERS & CREAMERS
Part No. 2923480, 500 g box sugar cubes.
Part No. 9930694, Case of 2000, sugar packet.
Part No. S369416, Case of 2000, Equal sugar substitute packet.
Part No. 2931871, Case of 1000, Sugar Twin sugar substitute packet.
Part No. 2734572, Case of 1000, Coffee Mate packet.
Part No. 6868988, 311 g container Coffee Mate.

STIR STICKS
Part No. 0345918, Pack of 1000, 4½" stir stick.
Part No. 2909133, Pack of 1000, 6" stir stick.
Part No. 3769338, Pack of 850, 8" stir stick.

COFFEE FILTERS
Part No. 5950670, Pack of 2 x 500 count 9.5" x 2.75" coffee filters.
Part No. 9225202, Pack of 2 x 250 count 13" x 5" coffee filters.
Part No. 7744535, Pack of 2 x 250 count 15" x 5" coffee filters.
Part No. 5950696, Pack of 250, 3 gallon coffee urn filters.

RUB/3435

RUBBERMAID®

Water Coolers, Cups & Dispensers, Ice Chests, & Thermal Jugs

3 US GALLON WATER COOLER
•Heavy duty plastic construction resists dents and corrosion •Screw-tight insulated lid •Pail handle for easy carrying •Fast-flow faucet •Attached cup dispenser bracket •"Splash seal" helps prevent leaks
Part No. 1683.

5 US GALLON WATER COOLER
•Heavy duty plastic construction resists dents and corrosion •Fast-flow faucet •Screw-tight insulated lid •Attached cup dispenser bracket •"Splash seal" helps prevent leaks
Part No. 1685.

8257UN92
(sold separately)

10 US GALLON WATER COOLER
•Heavy duty plastic construction •Screw-tight insulated lid •Molded-in Quikgrip® handles •Fast-flow faucet •Attached cup dispenser bracket •"Splash seal" helps prevent leaks
Part No. 1610.

CUP DISPENSER
•For 3 oz. and 4 oz. cups
Part No. 8257UN92.

PAPER CUPS
•4 oz. rolled rim paper cups •Case of 5000
Part No. 7014.

10.1 LITRE ICE CHEST
•Personal ice chest •Blue
Part No. 2A11.

45.4 LITRE ICE CHEST
•Two handle ice chest •Red
Part No. 2A15.

THERMAL JUGS
•Patented Up and Out® spout •Bail handle
•Wide mouth •Blue
Part No. 154406235, 1.92 litre.
Part No. 156006235, 3.8 litre.

Personal Use Products

SCEPTER

SCE/3491

Water Containers

20 LITRE WATER CONTAINER

•Made from high density blue polyethylene •The cans are lightweight, crushproof, rustproof, unbreakable, non-corroding and UV protected

Part No. W520.

WEDCO

WED/4003

Water Containers

20 LITRE WATER CONTAINER

Part No. 82210, 20 litre Wedcopac blue water container.

DIXIE

KKK/3916

Foam & Paper Cups & Lids

"Dixie" cups are ideal for both hot and cold applications. Superior insulating properties ensure that contents remain at their desired temperatures longer. Being lightweight, foam and paper products are easy to handle and hold. The foam cups are attractively finished in a high sheen smooth-wall design and are of high quality construction.

6 OZ. FOAM CUPS & LIDS

6 oz. foam cups are white and plastic lids are translucent with tear-tab.

Part No. SM6C, Case of 1000 cups.

Part No. TL6, Case of 1000 lids.

8 OZ. FOAM CUPS & LIDS

8 oz. foam cups are white and plastic lids are white with tear back and lock/straw slot.

Part No. SM8C, Case of 1000 cups.

Part No. TS89, Case of 1000 lids.

10 OZ. FOAM CUPS & LIDS

10 oz. foam cups are white and plastic lids are white with tear back and lock/straw slot.

Part No. SM10C, Case of 1000 cups.

Part No. TS1016, Case of 1000 lids fits both 10 oz. and 12 oz. cups.

12 OZ. FOAM CUPS & LIDS

12 oz. foam cups are white and plastic lids are white with tear back and lock/straw slot.

Part No. SM12C, Case of 1000 cups.

Part No. TS1016, Case of 1000 lids fits both 10 oz. and 12 oz. cups.

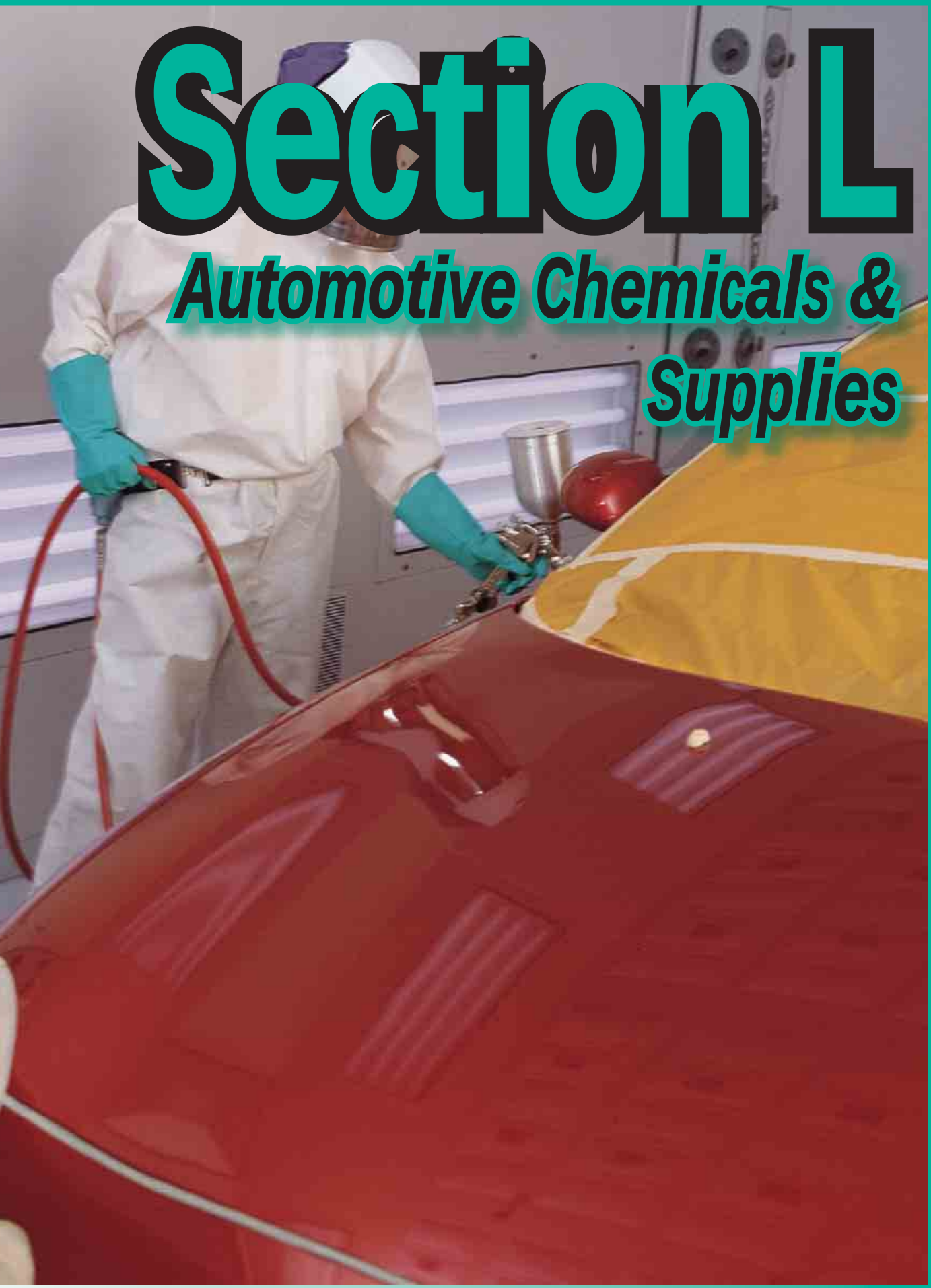
8 OZ. PAPER CUPS

8 oz. paper cups, Sage™ design. Paper cups are polylined to protect against soak-thru. Durable sidewall strength. Economical and cost effective.

Part No. 2338SAGE, Case of 1000 cups.

Section L

Automotive Chemicals & Supplies



CELEBRATING 40 YEARS
40
1968
Gregg
2008

THE RIGHT STUFF™ INSTANT GASKET MAKER

Sensor safe and non corrosive. Will not contaminate oxygen sensors or corrode other electronic engine components. Seals instantly, forming a reliable, long lasting elastomeric rubber gasket. Applications: Automotive, industrial and marine gaskets, valve covers, gearbox covers, pumps, compressors, oil pans, thermostat housing, water pumps, etc. Temperature Range: -60°C to 260°C.
Part No. 30874, 147 ml cartridge.
Part No. 30875, (2)-147 ml cartridges, Gasketing kit.
Part No. 26015, 212 g PowerBead.
Part No. 33694, 300 ml cartridge.
Part No. 29247, Short caulking gun.

THE RIGHT STUFF™ FOR IMPORTS

Sensor safe and non corrosive. Performs under higher torque loads caused by engines with closely spaced bolt patterns (typical of import vehicles). Instant seal, forming a reliable, long lasting elastomeric rubber gasket. Applications: Automotive and marine gaskets, valve covers, gearbox covers, pumps, compressors, oil pans, thermostat housings, water pumps etc. Temperature Range: -60°C to 260°C.
Part No. 34311, 147 ml cartridge
Part No. 85144, 212 g PowerBead.
Part No. 34310, 300 ml cartridge.
Part No. 29247, Short caulking gun.

ULTRA BLUE® RTV GASKET MAKER

Eliminates the need for preformed, pre-cut, paper, rubber, or cork gaskets. Excellent adhesion to oily surfaces. Sensor safe. Applications: Intake manifold, oil pan gasket, valve cover gasket and similar stamped part sealing applications. Temperature Range: -60°C to 260°C.
Part No. 77BR, 80 ml tube, carded.
Part No. 77C, 300 ml cartridge.
Part No. 85519, 269 g PowerBead.

ULTRA BLACK® RTV GASKET MAKER

Sensor safe and non corrosive. Designed for the gasketing requirements of today's cars. Resistant to powertrain fluids. Applications: Intake manifold, oil pan gasket, valve cover gasket and similar stamped part sealing applications. Temperature Range: -54°C to 330°C.
Part No. 59803, 80 ml tube, carded.
Part No. 59813, 300 ml cartridge.
Part No. 85080, 269 g PowerBead.

ULTRA GREY® RTV GASKET MAKER

Sensor safe and non corrosive. Designed to meet the unique flange design sealing requirement of import engines. Superior resistance to powertrain fluids. Sensor safe. Applications: Intake manifold, oil pan gasket, valve cover gasket and similar sealing applications on import engines. Temperature Range: -54°C to 345°C.
Part No. 82194, 80 ml tube, carded.
Part No. 82195, 300 ml cartridge.
Part No. 85084, 269 g PowerBead.

ULTRA COPPER® RTV HIGH-TEMPERATURE GASKET MAKER

Sensor safe and non corrosive. Designed for gasketing applications where operating temperatures are higher. Superior resistance to powertrain fluids, and has excellent adhesion to oily surfaces. Sensor safe. Applications: Exhaust manifold gaskets, turbo chargers and similar higher temperature applications. Temperature Range: -60°C to 370°C.
Part No. 101BR, 80 ml tube, carded.
Part No. 101C, 300 ml cartridge.

WATER PUMP & THERMOSTAT RTV GASKET

Sensor safe and non corrosive. Formulated specifically for water pumps and thermostat housings, highest water-glycol resistance available. Applications: Water pump and thermostat housings. Temperature Range: -54°C to 345°C.
Part No. 31866, 14 g tube, carded.

BLUE RTV GASKET MAKER

Sensor safe. Use for sealing, bonding, insulating, caulking, making gaskets and coating pre-cut gaskets. Applications: Oil pan gaskets, valve cover gasket and similar applications on pre-1980 engines. Temperature Range: -54°C to 260°C.
Part No. 6BR, 80 ml tube, carded.
Part No. 6C, 300 ml cartridge.
Part No. 85860, 269 g PowerBead.

BLACK RTV GASKET MAKER

Sensor safe. Use for sealing, bonding, insulating, caulking, making gaskets and coating pre-cut gaskets. First generation 1970-1980 gasket maker. Applications: Oil pan gaskets, valve cover gaskets, seal and waterproof electrical connections. Temperature Range: -54°C to 230°C.
Part No. 17BR, 80 ml tube, carded.
Part No. 17C, 300 ml cartridge.

HIGH-TEMP RED RTV GASKET MAKER

Sensor safe. Formulated for high temperature applications or heavy duty use (such as towing and turbo charged engines). Replaces almost any cut gasket. Waterproof seal resists cracking, shrinking and migrating. Applications: Valve covers, oil pans, water pumps, thermostat housings, transmission pans. Temperature Range: -54°C to 343°C
Part No. 27BR, 80 ml tube, carded.
Part No. 27C, 300 ml cartridge.

HIGH TEMPERATURE ANAEROBIC FLANGE SEALANT

Use for gasketing close fitting rigid machined flanges with gaps up to 0.25 mm unprimed; 0.5 mm with primer. Eliminates the need for pre-formed, pre-cut, paper, rubber or cork gaskets. Superior resistance to powertrain fluids including engine oil, transmission fluid, gear lube, coolants, gasoline. Withstands temperatures to 204°C. Applications: Water pumps, thermostat housings, transmission pans, transmission case covers, transaxle casings, o-ring replacement. Temperature Range: -54°C to 204°C.
Part No. 51031, 50 ml tube.

ANAEROBIC GASKET MAKER - FLANGE SEALANT

Use for gasketing close fitting rigid machined flanges with gaps up to 0.25 mm unprimed; 1.27 mm with primer. Eliminates the need for pre-formed, pre-cut, paper, rubber or cork gaskets. Superior resistance to powertrain fluids including engine oil, transmission fluid, gear lube, coolants, gasoline. Applications: Water pumps, thermostat housings, transmission pans, transmission case covers, transaxle casings, o-ring replacement. Temperature Range: -51°C to 150°C.
Part No. 51531, 50 ml tube, carded.
Part No. 51580, 300 ml cartridge.

ANAEROBIC GASKET MAKER - AUTOMOTIVE GRADE

Designed for superior performance on aluminium flanges. Use for gasketing close fitting rigid machined flanges with gaps up to 0.25 mm unprimed; 1.27 mm with primer. Superior resistance to powertrain fluids including engine oil, transmission fluid, gear lube, coolants, gasoline. Resists temperatures up to 150°C. Applications: Water pumps, thermostat housings, transmission pans, transmission case covers, transaxle casings, o-ring replacement. Temperature Range: -54°C to 150°C.
Part No. 51817, 6 ml tube, carded.
Part No. 51813, 50 ml tube, carded.
Part No. 51845, 300 ml cartridge.

MOTOSEAL® 1 ULTIMATE GASKET MAKER GREY

Designed for use on motorcycles, watercraft, snowmobiles and karts. Effective at high temperatures up to 204°C intermittent and performs well at low temperatures. Applications: Cylinder head top covers, centre and end covers (transmissions), case halves, cam covers, exhaust manifold seals, timing chain cases, side covers, clutch housings. Temperature Range: -54°C to 177°C.
Part No. 38401, 80 ml tube, carded.

GASKET REMOVER

Removes gaskets and gasket residue from any type of metal housing. Aids in quickly removing all types of gasketing sealants and adhesives, even baked-on gaskets
Part No. 4MA, 340 g aerosol.

Gasket Sealants

FORM-A-GASKET® NO. 1 SEALANT
Designed for dressing/sealing cut gaskets on rigid flanges. Thick, fast drying, hardening formula. For application where permanent assembly is desired. Applications: Dressing cork, rubber, paper, and composite gaskets, sealing hose connections. Temperature Range: -54°C to 200°C.
Part No. 1AR, 30 ml tube, carded.
Part No. 1BR, 80 ml tube, carded.
Part No. 1C, 200 ml tube.

FORM-A-GASKET® NO. 2 SEALANT
Designed for dressing/sealing cut gaskets and stamped parts. Thick, slow drying, non-hardening formula. Resists common auto and shop fluids and fuels. Applications: Dressing cork, rubber and paper gaskets. Temperature Range: -54°C to 200°C.
Part No. 2AR, 30 ml tube, carded.
Part No. 2BR, 80 ml tube, carded.
Part No. 2C, 200 ml tube.

AVIATION FORM-A-GASKET® NO. 3 SEALANT
Slow drying, non-hardening sealant. Approved for use in aviation as well as automotive applications. Helps seal cut gaskets. Applications: Seals any paper, rubber, cork or composite gasket, close fitting machined surfaces, hoses. Temperature Range: -54°C to 200°C.
Part No. 3H, 118 ml brush-top can.
Part No. 3D, 473 ml brush-top can.

SUPER HIGH TACK® GASKET SEALANT
Tacky paste for holding cut gaskets in place during assembly. Fast drying, resists gasoline, oil, antifreeze and axle fluids. Applications: Seals any rubber, cork, paper or composite gasket; also works on hose connections; good as a general purpose contact adhesive. Temperature Range: -54°C to 260°C.
Part No. 80060, 51 ml tube, carded.
Part No. 98H, 118 ml brush-top can.
Part No. 98D, 473 ml brush-top can.

HIGH TACK™ SPRAY-A-GASKET® SEALANT
Tacky aerosol sealant for holding gaskets in place during assembly. Fast drying, resists gasoline, oil, antifreeze and axle fluids. Applications: Seals any rubber, cork, paper or composite gasket; also for holding sanding disks; good as a general purpose contact adhesive. Temperature Range: -54°C to 260°C.
Part No. 99GA, 135 g aerosol.
Part No. 99MA, 255 g aerosol.

COPPER SPRAY-A-GASKET® HIGH-TEMP SEALANT
Tacky aerosol sealant for holding gaskets in place during assembly. Contains copper to aid in heat transfer which reduces hot spots and gasket burn out. Fast drying, resists gasoline, oil, antifreeze and axle fluids. Applications: Head gaskets, exhaust manifold gaskets, turbo charger gaskets. Temperature Range: -46°C to 260°C.
Part No. 101MA, 255 g aerosol.

SUPER "300"® FORM-A-GASKET® SEALANT
Brushable fast drying, non-hardening gasket sealant. Resists gasoline, oil, antifreeze and axle fluids. Applications: Seals cork and paper gaskets, valve covers, oil pans. Temperature Range: -54°C to 218°C.
Part No. 83H, 118 ml brush-top can.

INDIAN HEAD® GASKET SHELLAC COMPOUND
The original quality formula. Hard setting, economical sealant. Seals all common gasketing materials in low temperature and low pressure applications. Resists diesel fuels and most shop fluids. Applications: Hose connections, paper and cardboard gaskets. Temperature Range: -54°C to 175°C.
Part No. 5J-1, 50 ml bottle.

FORM-A-SEAL® LEAK REPAIR
Spray on to form a durable rubber barrier to fix leaks. Can be used as an alternative to liquid additive-type sealers. Resists common automotive and shop fluids. Applications: Engine and transmission leaks, cooling systems, water leaks. Adheres to metals, rubber, glass, masonry, wood and most plastics. Temperature Range: -54°C to 177°C.
Part No. 82096, 142 g aerosol.

Thread Lockers

PURPLE LOW STRENGTH THREADLOCKER
Designed for fasteners 6 mm (1/4") and smaller. Removable with hand tools and normal effort. Applications: Set screws, headlamp screws and any small screw assembly. Temperature Range: -54°C to 150°C.
Part No. 22210, 10 ml bottle, carded.
Part No. 22250, 50 ml bottle.
Part No. 22225, 250 ml bottle.

BLUE REMOVABLE STRENGTH THREADLOCKER
Designed for fasteners 6 mm to 20 mm (1/4"- 3/4"). Removable with hand tools and normal effort. Applications: Oil pan bolts, water pump bolts and any similar threaded assembly. Temperature Range: -54°C to 150°C.
Part No. 31878, 0.5 ml Counterman's Choice™
Part No. 24200, 6 ml tube, carded.
Part No. 24210, 10 ml bottle, carded.
Part No. 24215, 10 g Gel Twist™.
Part No. 24240, 36 ml bottle, carded.
Part No. 24250, 50 ml bottle.
Part No. 24225, 250 ml bottle.

BLUE SURFACE INSENSITIVE THREADLOCKER
Designed for fasteners 6 mm to 20 mm (1/4"- 3/4") that have a slight oil film. Prevents vibration loosening. Oil resistant. Applications: Rocker studs, rocker adjustment bolts, bolts on valve, cam covers, oil pans, disc brake calipers, intakes, alternator and pully assemblies. Temperature Range: -54°C to 150°C.
Part No. 24300, 10 ml bottle, carded.
Part No. 24350, 50 ml bottle.
Part No. 24325, 250 ml bottle.

RED PERMANENT STRENGTH THREADLOCKER
Designed for fasteners 10 mm to 25 mm (3/8"- 1"). Withstands heavy shock and vibration. Extra effort and localized heat may be required for removal. Applications: Shock mounts, suspension bolts and studs, and similar fasteners subject to higher shock and vibration. Temperature Range: -54°C to 150°C.
Part No. 26200, 6 ml tube, carded.
Part No. 26210, 10 ml bottle, carded.
Part No. 26240, 36 ml bottle, carded.
Part No. 26250, 50 ml bottle.
Part No. 26225, 250 ml bottle.

RED HIGH STRENGTH THREADLOCKER
Designed for fasteners 10 mm to 25 mm (3/8"- 1"). High Strength threadlocker that is similar to Permanent Strength Threadlocker Red but more difficult to remove, extra effort localized heat or special tools for removal. Applications: Shock mounts, suspension bolts and studs, and similar fasteners subject to higher shock and vibration. Temperature Range: -54°C to 150°C.
Part No. 31879, 0.5 ml Counterman's Choice™.
Part No. 27110, 10 ml bottle, carded.
Part No. 27115, 10 g Gel Twist™.
Part No. 27140, 36 ml bottle, carded.
Part No. 27150, 50 ml bottle.
Part No. 27125, 250 ml bottle.

RED HIGH TEMP/HIGH STRENGTH THREADLOCKER
Designed for fasteners 16 mm to 25 mm (5/8"- 1") under high temperature conditions. Extra effort and localized heat may be required for removal. Applications: Exhaust studs into block, higher temperature high performance engine applications. Temperature Range: -54°C to 232°C.
Part No. 27200, 10 ml bottle, carded.
Part No. 27240, 36 ml bottle, carded.
Part No. 27250, 50 ml bottle.
Part No. 27225, 250 ml bottle.

RED LARGE DIAMETER THREADLOCKER
Designed for fasteners M25 (1") and larger. High viscosity, high strength threadlocker. Extra effort and localized heat may be required for removal. Applications: Large diameter frame bracket and suspension fasteners, motor mounts and similar larger diameter fasteners. Temperature Range: -54°C to 150°C.
Part No. 27710, 10 ml bottle, carded.
Part No. 27740, 36 ml bottle, carded.
Part No. 27750, 50 ml bottle.
Part No. 27725, 250 ml bottle.

PERMATEX®
Thread Lockers

Gel Twist™
The Permatex® Gel Twist™ pin point applicator puts the product where you want it... on the part! No more drips or solid globs to deal with. No more mess to clean or costly waste to worry about. Permatex Gels provide liquid quality reliability without the problems.

PowerBead™
The Ultimate Dispensing System
- Makes application quick and easy
- Extended, rigid nozzle gives pinpoint control
- Vertically-actuated valve design eliminates clogging
- Cushion-grip

GREEN PENETRATING GRADE THREADLOCKER
Designed to use where it is preferred to apply threadlocker AFTER fastener has been assembled. Low viscosity, medium strength threadlocker. Applications: Alternator bolts, pulley tensioners and similar post-applied applications. Can also be used as a porosity and weld seam sealant. Temperature Range: -54°C to 150°C.
Part No. 29000, 6 ml tube, carded.
Part No. 29040, 36 ml bottle, carded.
Part No. 29050, 50 ml bottle.
Part No. 29025, 250 ml bottle, carded.

Thread Repair

SURFACE PREP ACTIVATOR/PRIMER
Designed for cleaning and priming parts prior to assembly with threadlockers, thread sealants, and retaining compounds. Speeds cure of threadlockers by 50%. Ensures parts are clean to achieve maximum strength of product. Applications: Any threadlocking, thread sealing and retaining application.
Part No. 24163, 127 g aerosol.

ACTIVATOR T
Used to increase cure speed of Permatex anaerobic products. Recommended for applications with inert surfaces or passive metals and with large bond gaps. Can be used when temperatures are below room temperature especially when cure conditions are below 15°C. Applications: Any threadlocking, thread sealing and retaining application.
Part No. 19267, 52 ml bottle.

FORM-A-THREAD® STRIPPED THREAD REPAIR
Makes reliable, permanent thread repairs without drills, taps, tools or inserts. Restores worn, stripped or damaged threads. Repairs most metal to metal fasteners up to SAE grade 5 imperial and 8.8 metric (coarse and fine) Applications: Intake manifold bracket fastener threads, timing chain cover bolt threads, valve cover bolt threads, water pump bolt threads.
Temperature Range: -54°C to 150°C.
Part No. 81668, Kit.

Thread Sealants

HIGH PERFORMANCE THREAD SEALANT
Locks and seals threaded fittings. Resists leakage and vibration loosening. Formulated specifically for metal, tapered pipe thread fittings. Replaces Teflon® tape and pipe dopes. Cures rapidly to withstand 10,000 PSI. Paste formulation seals larger diameter fittings and won't run. Applications: Stainless steel fittings, head bolts into through holes, oil PSI sending units/sensors, oil and coolant lines, intake manifold switches, rear axle fill plug, fuel fittings.
Temperature Range: Up to 150°C.
Part No. 56521, 50 ml tube, carded.
Part No. 56525, 250 ml tube.

HIGH TEMPERATURE THREAD SEALANT
Designed to provide an extremely reliable seal on any metal pipe thread fitting and plugs. Resists leakage, vibration loosening, moisture, hydraulic fluids and diesel fuels. Will not loosen in service but can be easily removed with hand tools. Parts may be repositioned up to 4 hours after application. Applications: Oil PSI sending units/sensors, oil and coolant lines, rear axle fill plug, fuel fittings, head bolts into through holes, any pipe thread fitting or plug. Temperature Range: Up to 204°C.
Part No. 59214, 6 ml tube, carded.
Part No. 59234, 50 ml tube, carded.
Part No. 59225, 250 ml tube.

MAXIMUM TEMPERATURE THREAD SEALANT
Designed to provide an extremely reliable seal on any metal pipe thread fitting and plugs. Resists leakage, vibration loosening, moisture, hydraulic fluids and diesel fuels. Will not loosen in service but can be easily removed with hand tools. Parts may be repositioned up to 4 hours after application. Applications: Head bolts into through holes, oil PSI sending units/sensors, oil and coolant lines, fuel fittings, rear axle fill plug, brake and power steering fittings. Temperature Range: -54°C to 204°C.
Part No. 56750, 50 ml tube, carded.
Part No. 56725, 250 ml tube.

PNEUMATIC/HYDRAULIC SEALANT
Designed for locking and sealing high pressure hydraulic and pneumatic systems. Contains no fillers or particles which can contaminate system fluids, foul valves or clog fine filters and screens. Applications: Hydraulic line fittings, brake line fittings, transmission fluid fittings, PTO fittings.
Temperature Range: Up to 150°C.
Part No. 54540, 36 ml bottle, carded.
Part No. 54550, 50 ml bottle.

THREAD SEALANT WITH TEFLON®
Economical white general purpose thread sealant. Contains Teflon to aid in assembly of threads. Remains pliable in service and is easily removed with hand tools. Applications: Air conditioning fittings, temperature sending fittings, hydraulic fittings. Temperature Range: -54°C to 150°C.
Part No. 14H, 118 ml brush-top bottle.
Part No. 14D, 473 ml brush-top bottle.

PIPE JOINT COMPOUND
Economical black general purpose thread sealant. Resists common auto/shop fluids, fuels, gases. Remains pliable in service and is easily removed with hand tools. Applications: Threaded fitting and plumbing applications. Temperature Range: -54°C to 200°C.
Part No. 80045, 473 ml brush-top bottle.

Retaining Compounds

BEARING MOUNT FOR CLOSE FITS

Low viscosity, rapid-curing anaerobic adhesive that augments the strength of press fit assemblies or slip fit assemblies up to 0.13 mm (0.005") gap. Fixtures in 10 minutes and provides a shear strength of 3000 PSI after 24 hrs. Applications: Bushings, bearings, oil seals, ring gear bolts, differential lock pins. Temperature Range: -54°C to 150°C.
Part No. 60910, 10 ml bottle, carded.
Part No. 60940, 36 ml bottle, carded.
Part No. 60950, 50 ml bottle.
Part No. 60925, 250 ml bottle.

MAXIMUM TEMPERATURE SLEEVE RETAINER

Designed to increase the strength of press fits or retain slip fits where higher temperature resistance is required. Fixtures in 30 minutes at room temperature, but requires a secondary heat cure to generate high temperature resistance. Applications: Bearings, bushings, cylinder sleeves, valve guides, cup/core plugs and similar assemblies where higher temperature resistance is required. Temperature Range: -54°C to 232°C.
Part No. 62000, 6 ml tube, carded.
Part No. 62040, 36 ml bottle, carded.
Part No. 62050, 50 ml bottle.
Part No. 62025, 250 ml bottle.

HIGH TEMP SLEEVE RETAINER

High temperature anaerobic adhesive that secures slip and press fit assemblies. Adds up to 3000 PSI holding power. Restores fit to worn or out-of-tolerance assemblies. Prevents surface corrosion. Applications: Cylinder sleeves, valve guides, valve seats, bearings and bushings, woodruff keys, liner assemblies. Temperature Range: -54°C to 204°C.
Part No. 64010, 10 ml bottle, carded.
Part No. 64050, 50 ml bottle.
Part No. 64025, 250 ml bottle.

BEARING MOUNT FOR RELAXED FITS

High strength, medium viscosity anaerobic adhesive for slip fit assemblies. Fixtures in 10 minutes at room temperature. Provides 4000 PSI shear strength on steel after 24 hrs. Applications: Replaces set screws, replaces clamp rings, replaces snap rings, wheel bearings, idler shaft, press fit bearings. Temperature Range: -54°C to 150°C.
Part No. 68040, 36 ml bottle, carded.
Part No. 68050, 50 ml bottle.
Part No. 68025, 250 ml bottle.

BEARING MOUNT FOR WORN PARTS

A creamy, non-running adhesive used between parts to repair large gaps and severely worn parts. Fills gaps 0.005" to .020" in diametral gap. Very rapid cure. Applications: Refitting worn shafts and housing, repair worn keyways, repair loose set screws, refit worn couplings, form-in-place shims. Temperature Range: -54°C to 150°C.
Part No. 20297, 6 ml tube, carded.
Part No. 66050, 50 ml tube, carded.

Adhesives & Sealants

ULTRA BOND™ SUPER GLUE

General purpose super glue. Superior performance and strength. Fast setting, strong adhesive for bonding most materials. Better choice than epoxies for bonding parts with little or no gap. For use on nonporous materials. Makes durable, clear bonds. Gel formula works better on more porous materials. Applications: Metal, wood, ceramic, porcelain, leather, vinyl, paper, cork, fabric and most plastics. Temperature Range: -54°C to 82°C.
Part No. 49502, 3 g tube, carded.
Part No. 30030, 2 g tube Gel Formula, carded.
Part No. 49512, 28 g bottle.

ULTRA BOND™ PLASTIC BONDER

A premium superior performance industrial strength adhesive that bonds any plastic, even polyethylene and polypropylene. Includes gel formula super glue with activator. Applications: Use to bond any close fitting plastic parts, even difficult to bond polyethylene and polypropylene plastics. Temperature Range: -54°C to 82°C.
Part No. 30213, 2 g kit, carded.

SURFACE INSENSITIVE INSTANT ADHESIVE

Rapidly bonds a wide variety of materials. Suited for hard to bond materials. Low viscosity. Applications: Metal, plastics, and elastomers as well as porous and absorbent substrates such as fabric, paper, leather and wood. Temperature Range: -54°C to 82°C.
Part No. 40140, 20 g bottle.
Part No. 40161, 455 g bottle.

O-RING RUBBER BOND ADHESIVE

Specifically designed to bond O-rings along with other rubber and plastic surfaces. Low viscosity, fast curing adhesive. Applications: Fabricating O-rings, bonding rubber belts, pads and bumpers. Tacking rubber gaskets and weatherstripping, mounting plastic labels and name plates. Temperature Range: -54°C to 82°C.
Part No. 40413, 9.5 g bottle.

BLACK RUBBER TOUGHENED ADHESIVE

Rubber toughened, ethyl cyanoacrylate. Excellent resistance to peel and shock loads at elevated temperatures. Rapidly bonds a wide variety of materials. Suited for hard to bond materials in challenging environments. Resists thermal shock. Improved resistance to humid or damp environments. Gel formula works better on more porous materials. Applications: Ideal adhesive to bond rubbers, plastics and metals in challenging environments. Temperature Range: -54°C to 107°C.
Part No. 41040, 20 g bottle.

SUPER GLUE GEL

A superior performance, high strength gel formulation. Will not drip or run, even on vertical surfaces. Also ideal for overhead or hard to reach surfaces. Works both on porous and nonporous materials. Fixtures in less than 75 seconds. Applications: Metal, plastics, rubber, vinyl, paper, wood, textiles, and cork. Temperature Range: -54°C to 82°C.
Part No. 45440, 20 g tube.

SUPER GLUE

Specifically formulated for bonding metal surfaces. Works on nonporous materials. Specially designed for faster (less than 30 seconds), long lasting, permanent and transparent bonds. Bonds close fitting surfaces. Applications: Metal, plastics, rubber, vinyl, paper, wood, textiles, and cork gaskets. Temperature Range: -54°C to 82°C.
Part No. 49650, 28 g bottle.

PERMAPOXY™ 1 MINUTE EPOXY

NEW!!

Better choice than super glues for bonding parts with larger gaps. Bonds rigid materials including metal, fibreglass, chrome, glass, ceramic, wood and many plastics. Can be drilled, machined, filed and painted. •Sets in 1 minute •Permanent strength up to 2500 PSI •Impact resistant •Fuel and solvent resistant •Waterproof •Clear appearance Temperature Range: -51°C to 82°C.
Part No. 84162, 25 ml dual syringe, carded.

PERMAPOXY™ 5 MINUTE GENERAL PURPOSE EPOXY

Better choice than super glues for bonding parts with larger gaps. Resists most liquids including fuels and solvents, can be drilled, machined, filed and painted. Permanent strength - up to 3400 PSI. Applications: Auto trim parts, knobs, cracked tail lights, fills cracks, ceramic, chrome, fabric, fibreglass, glass, hard plastic, metal and rubber. Temperature Range: -51°C to 82°C.
Part No. QM50A, 25 ml dual syringe, carded.

PERMAPOXY™ 30 MINUTE CRYSTAL CLEAR EPOXY

Better choice than super glues for bonding parts with larger gaps. Resists most liquids including fuels and solvents, can be drilled, machined, filed and painted. Permanent strength - up to 3500 PSI. Applications: Fills cracks, repair damaged spoilers, tamper proofing, hub cap trim, ceramic, concrete, fabric, fibreglass, glass, metal and rubber. Temperature Range: -51°C to 82°C.
Part No. 84117, 25 ml dual syringe, carded.

PERMAPOXY™ 4 MINUTE MULTI-METAL EPOXY

Can be used as an alternative to welding or brazing cracked or broken metal parts. Grey appearance. Resists most liquids including fuels and solvents, can be drilled, machined, filed and painted. Permanent strength - up to 4500 PSI (except #84319 = 3500 PSI). Applications: Fills holes, mount metal components, fills metal cracks, seals welded seams, aluminum, brass, chrome, copper, iron, stainless steel and steel. Temperature Range: -51°C to 150°C.
Part No. 84119, 25 ml dual syringe, carded.
Part No. 84219, 56 g tube, carded.
Part No. 84319, 56 g stick, carded.

PERMAPOXY™ 5 MINUTE PLASTIC WELD

Better choice than super glues for bonding parts with larger gaps. Resists most liquids including fuels and solvents, can be drilled, machined, filed and painted. Cream appearance. Permanent strength - up to 3500 PSI. Applications: Bonds most plastic, interior trim, fills cracks, plastic to vinyl, ABS, acrylic, fibreglass, glass, PVC, steel, styrene, vinyl, wood. Temperature Range: -51°C to 121°C.
Part No. 84125, 25 ml dual syringe, carded.

COLD WELD BONDING COMPOUND

Fast setting, 2-part adhesive and filler system used as an alternative to welding or brazing cracked or broken metal parts. Can be drilled, machined, filed, and painted. Over 3000 PSI shear strength. Applications: Repair cracked or broken aluminum, steel, brass or bronze castings, stamping and machined parts. Temperature Range: -51°C to 150°C.
Part No. 14600, 56 g tube, carded.

CLEAR RTV SILICONE ADHESIVE SEALANT

An excellent all purpose RTV silicone adhesive/sealant. Use for sealing, bonding, insulating, caulking. Flexible, durable, tough, waterproof. Applications: Seal and waterproof electrical connections, windshields, sun roofs, firewall openings, heater boxes. Temperature Range: -60°C to 204°C.
Part No. 66BR, 80 ml tube, carded.
Part No. 66C, 300 ml cartridge.
Part No. 85913, 205 g PowerBead™.

BLACK RTV SILICONE ADHESIVE SEALANT

An excellent all purpose RTV silicone adhesive/sealant. Use for sealing, bonding, insulating, caulking. Flexible, durable, tough, waterproof. Applications: Seal and waterproof electrical connections, windshields, sun roofs, firewall openings, heater boxes. Temperature Range: -62°C to 260°C.
Part No. 16BR, 80 ml tube, carded.
Part No. 16C, 300 ml cartridge.

RED HIGH-TEMP RTV ADHESIVE SEALANT

An excellent all purpose RTV silicone adhesive/sealant. Resists aging, weather and thermal cycling, will not shrink, crack or harden. Use for sealing, bonding, insulating, caulking. Flexible, durable, tough, waterproof. Applications: Seal and waterproof electrical connections, firewall openings, heater boxes. Seals and bonds glass, metals and plastics. Temperature Range: -60°C to 340°C.
Part No. 26BR, 80 ml tube, carded.
Part No. 26C, 300 ml cartridge.
Part No. 85915, 205 g PowerBead™.

FLOWABLE SILICONE GLASS & WINDSHIELD SEALER

A flowable, clear RTV silicone adhesive/sealant specially formulated to flow into hard-to-reach or hidden areas to seal, bond, insulate or caulk. Flexible, durable, tough, waterproof. Applications: Seal and waterproof around heater boxes, door frames, RV vents and windows, vinyl roofs. Temperature Range: -62°C to 260°C.
Part No. 65AR, 42 g tube, carded.

AUTO TRIM ADHESIVE

Fast setting, no-mix 2-part structural adhesive system. Makes strong, durable, clear, water resistant bonds. Applications: Use to bond auto trim and emblems, metal, hard plastic, laminate, wood, fibreglass, ceramic, china, glass.
Part No. 25659, 3.5 ml kit, carded.

SUPER WEATHERSTRIP ADHESIVE

Strong, waterproof weatherstrip adhesive allows for repositioning of parts after contact. Applications: Use to bond weatherstripping, door and truck mouldings, truck liners, floor mats, carpeting, vinyl tops. Bonds rubber, cloth, vinyl, metal, glass, wood.
Part No. 80BR, 59 ml tube (yellow), carded.
Part No. 80S, 147 ml tube (yellow), boxed.
Part No. 81850, 147 ml tube (black), boxed.

CONTACT CEMENT

Tough, permanent bond on contact. Instantly bonds metal, wood, ceramic, leather, rubber and many other surfaces. Bonds leather and vinyl to metal. Heat and water resistant. Applications: Weather stripping, rubber mats, carpeting, metal, wood, ceramic, leather, rubber and many other surfaces.
Part No. 31862, 44 ml tube, carded.

HEAVY DUTY SPRAY ADHESIVE

High strength and high temperature spray adhesive. Designed for repairing interior parts that have become detached or loosened. Especially effective in repairing automotive headliners due to the high strength and temperature resistance of the product. Resistant to extreme weather conditions. Water resistant. Dries clear. Applications: Headliners, carpets, trunk linings, door panels. For use on foam, plastics and rubber. Temperature Range: Up to 77°C.
Part No. 27829, 474 g aerosol.

Specialized Maintenance & Repair

PLASTIC TANK REPAIR KIT
Quick, permanent repairs to plastic tanks (not for use on plastic Fuel tanks). Repairs cracks up to 4" (10 cm) long and holes up to 3/8" (9 mm) in diameter. Everything required for repair is included. Fast curing. Repairs can be made in 30 minutes. Applications: Ideal for cars, trucks, boats and RV's. Windshield washer reservoirs, radiator overflow tanks, coolant reservoirs, water and waste tanks.
Part No. 09220, Kit, carded

PLASTIC LENS RESTORATION KIT
Restores clouded, pitted and yellowed plastic lens surfaces •Restores plastic headlight lenses •Everything required for restoration is included •Applications: Works on most plastic lighting lenses to restore LIKE NEW clarity, improving light output and appearance.
Part No. 09225.

FUEL TANK REPAIR KIT
Quick, permanent repairs to metal fuel tanks (not for use on plastic Fuel tanks). Repairs cracks up to 4" (10 cm) long and holes up to 3/8" (9 mm) in diameter. Eliminates dangerous welding. Everything required for repair is included. Fast curing. Repairs can be made in 30 minutes. Applications: Ideal for cars, light trucks and commercial vehicles as well as portable metal fuel tanks.
Part No. 09221, Kit, carded.

RADIATOR REPAIR KIT
Quick, permanent repairs to radiator leaks. Repairs plastic and metal tanks. Repairs cracks up to 4" (10 cm) long and holes up to 3/8" (9 mm) in diameter. Everything required for repair is included. Fast curing. Applications: Ideal for cars, light trucks and RV's.
Part No. 09224, Kit, carded.

REAR-VIEW MIRROR ADHESIVE
Permanently bonds rear-view mirror button to windshield in minutes (not for use on plastic buttons). Achieves handling strength in seconds; mirror mounting strength in 15 minutes or less. Applications: Bonding rear-view mirror brackets to windshields. Also works for bonding glass to glass or glass to metal.
Part No. 09222, 0.9 ml DIY kit.
Part No. 3306, 0.9 ml kit.
Part No. 03325, 170 g aerosol, 24 ml adhesive kit.

UV GLASS SEALANT
To be used with a professional vacuum plunger system. Repairs bullseye's, star damage, voids and spider webs on laminated automotive windshields. Stops cracks from growing due to changes in the weather or due to contamination entering the crack. Applications: Fill small cracks, voids, and Bullseyes on windshields.
Part No. 81379, 27 ml bottle.

BULLSEYE™ WINDSHIELD REPAIR KIT
Repairs chips, scratches and bullseyes in windshields. Makes a virtually undetectable clear repair. Applications: Minor chips and bullseye's in windshields and other glass windows. Not to be used on windshield cracks.
Part No. 09223, Kit, carded.
Part No. 16067, 5 ml syringe, carded.

REAR WINDOW DEFOGGER TAB ADHESIVE
Use to permanently bond broken off rear window defogger tabs to rear window. High electrical conductivity. Applications: To rebond broken off rear window defogger tabs.
Part No. 22437, 0.8 ml kit, carded.

QUICK GRID™ REAR WINDOW DEFOGGER REPAIR KIT
Economical repair for scratched or broken rear window defogger/defroster grid lines. High electrical conductivity. Dries to a colour that matches the heating element. Applications: To repair scratched or broken rear window defogger/defroster grid lines.
Part No. 15067, 1.4 ml kit, carded.

MUFFLER & TAILPIPE BANDAGE
Epoxy-impregnated fibreglass bandage chemically welds mufflers and tailpipes. Permanently repairs holes and leaks in exhaust systems. Seals out poisonous fumes to temperatures of 426°C. Applications: Mufflers and tailpipes on automobiles, trucks, tractors and farm equipment.
Part No. 38420, 2" x 42" bandage, carded.

MUFFLER & TAILPIPE PUTTY
Permanently repairs holes and leaks in exhaust systems. Seals out fumes at temperatures up to 1000°C. Applications: Mufflers, tailpipes, joints and catalytic converters.
Part No. 38422, 113 g pouch, carded.

MUFFLER & TAILPIPE SEALER
Non-slumping black paste. Seals holes and leaks in mufflers, tailpipes and around joints. Makes new installations more secure. Resists temperatures up to 1000°C. Applications: Mufflers, tailpipes, joints and catalytic converters.
Part No. 38414, 85 g tube, carded.

GAS TANK & RADIATOR REPAIR
Instantly and permanently seals small holes in gas tanks and radiators without welding or removing tank. Sticks to gasoline wet surfaces. Excellent chemical and moisture resistance. Dries to a hard seal. Applications: Repair gas tanks and radiators in cars, trucks, and farm equipment. Can also be used to repair oil pan holes if area to be repaired is cleaned of oil first.
Part No. 12020, 7 g stick, carded.

O-RING SPLICING KIT
Makes any size o-ring quickly and on-the-spot. Each kit contains: 12 feet of Buna-N cord (3/32", 1/8", 3/16", 1/4" diameter), Super Glue® adhesive, splicing fixture and cutting blade. Applications: Use to make emergency or hard to find O-rings of any size.
Part No. 00112, Kit, boxed.

VALVE GRINDING COMPOUND
Aids valve grinding and seating operations to remove burrs, surface defects, carbon, gum and corrosion. Can be used for lapping and grinding chromium. For both machine and hand grinding. Grease or water mixed formulas. Applications: Use on valves, cutting tools, main bearings, camshafts, reel type lawn mowers.
Part No. 474G, 115 ml can, grease mixed.
Part No. 34B, 85 g tube, water mixed.

PRUSSIAN BLUE
Used to aid in precision fitting of machined surfaces. Locates high spots on shafts, valves, gears and other close tolerance components. Non-drying, easy clean-up. Applications: Apply a thin film, then assemble or mate parts. Blue smears indicate points of contact or high spots.
Part No. 35V, 22 ml tube.

DIELECTRIC TUNE-UP GREASE
Necessary for an effective tune-up on high energy ignition systems. Protects electrical connections, ignition parts, and wiring from moisture, salt, dirt and corrosion. Prevents fusing of spark plugs to spark plug boots, voltage leaks, arcing. Applications: Spark plug boots, electrical connections, distributor caps, ignition coil connections, light sockets, wire harness connections.
Part No. 31880, 0.5 g sachet Counterman's Choice™.
Part No. 67VR, 9.5 g tube, carded.
Part No. 22064, 85 g tube, carded.

DISC BRAKE QUIET
Stops brake squeal by dampening vibration between the caliper and the brake pad. Applications: Disc brakes, outboard and inboard pads for disc braking systems.
Part No. 126VR, (2) 7.4 ml packets.
Part No. 127MA, 255 g aerosol.
Part No. 31868, 118 ml bottle.

Permatex®

RUST DISSOLVER GEL

Chemically dissolves rust from all iron and steel surfaces. Brush on to remove years of accumulated rust. Provides flash rust protection. Replaces sanding and scraping. Applications: Iron and steel surfaces on cars, trucks, motorcycles, tools, barbecue grills, lawn mowers, wagons, wheel covers, chrome bumpers and trim.
Part No. NJ-1C, 237 ml bottle.

EXTEND® RUST TREATMENT

One step process for restoring and protecting rusted iron or steel parts. Unpigmented latex primer containing rust-converting chemicals that destroy old rust and dries to a tough black polymer coating. Applications: Priming/painting stone chips, metral frames and undercarriages, and any previously rusted metal surface prior to repainting.
Part No. 25841, 290 g aerosol.
Part No. 81775, 237 ml bottle.
Part No. 81387, 946 ml bottle.
Part No. 75448, 3.78 L bottle.

HEAVY DUTY RUBBERIZED UNDERCOATING

Now with an improved formula! Rubberized for maximum durability; seals, protects and insulates. Excellent professional blend all purpose coating. Applications: Automotive frames, rocker panels and wheels. Other uses include sealing gutters, roofs, drain systems and tree pruning.
Part No. 135EA, 454 g aerosol.

Rust & Corrosion Maintenance

ULTRA SLICK® CERAMIC EXTREME BRAKE LUBRICANT

NEW!!

This environmentally safe lubricant prevents disc brake squeal and chatter while protecting caliper pins, sleeves, bushings, and pistons against seizing and galling. The non-silicone, non-petroleum based formula performs under the most adverse braking conditions. With its water and corrosion resistant properties, Ultra Slick® Ceramic Extreme Brake Lubricant is excellent on rolling and sliding surfaces. Temperature Range: -54°C to +1538°C. Non-melting, 100% synthetic based formula, loaded with ceramic solids. Lasts longer and easily outperforms ordinary caliper greases and traditional disc brake quiet products. Prevents long bolt and sleeve seizing/galling. Compatible with internal/external brake rubber and plastic hardware, including ethylene-propylene rubber.
Part No. 24126, 236 ml bottle.
Part No. 24127, 28 g tube, carded.

ULTRA SLICK® SYNTHETIC MULTI PURPOSE LUBRICANT WITH PTFE

Designed for wheel bearing and general chassis lubrication. High quality product can be used on any moving parts to provide better, longer lasting lubrication. Safe on rubber, plastic, metal, wood, leather, fabrics and painted surfaces. Non-staining, translucent colour. Good thermally conductive properties for heat sink applications. Applications: Steering linkage fittings, chassis points, suspension bushings, wheel covers, bearings, studs, nuts, hood support bushings, latch assemblies, hinges, door checks, trunk locks, weather stripping, antenna base threads, body, cams, mechanical linkages, o-rings, seat tracks, headlight seals, other moving parts. Temperature Range: Withstands temperatures up to 175°C.
Part No. 81946, 85 g tube w/ hang hole.
Part No. 81943, 312 g aerosol.
Part No. 81944, 396 g cartridge.
Part No. 81945, 454 g tub.

SILVER GRADE ANTI-SEIZE® LUBRICANT

Use for easy assembly and disassembly of metal parts. Prevents galling during assembly. Prevents rusting, cold welding and galvanic corrosion between assembled parts. Applications: Prevent seizing of exhaust system threads, spark plug threads, wheel studs, U-bolts, spring bolts, torque rod and pins, and similar automotive and marine applications. Temperature Range: -54°C to 870°C.
Part No. 31875, 5 g sachet Counterman's Choice™
Part No. 133H, 113 g brush top bottle.
Part No. 81464, 241 g aerosol.
Part No. 76764, 454 g brush top bottle.

COPPER ANTI-SEIZE

Contains a high percentage of micro fine copper flakes in a semi-synthetic grease carrier. Electrically conductive. Inhibits rusting, cold welding and galvanic corrosion between assembled parts. Applications: Spark plug threads installed in aluminum, exhaust manifold bolts, engine bolts, oxygen sensors, knock sensors, thermostat housing bolts, fuel filter fittings, and battery cable connections. Temperature Range: Effective at high temperatures up to 982°C.
Part No. 09127, 227 g brush top bottle.
Part No. 09124, 454 g brush top bottle.

ULTRA DISC BRAKE CALIPER LUBE

100% synthetic formula. High temperature lubricant to prevent seizing or sticking of disc brake components. Waterproof lubricant protects against corrosion. Will not cause rubber sleeves and seals to swell. Applications: Lubricate caliper pins, bushings, pistons, rubber sleeves and seals. Temperature Range: -40°C to 204°C.
Part No. 31877, 5 g sachet Counterman's Choice™.
Part No. 22063, 80 ml bottle.
Part No. 09125, 236 ml brush top bottle.

HI-TEMP BRAKE CALIPER LUBE

Silicone formula. Provides lasting protection against friction, wear and corrosion. Prevents rust and corrosion. Waterproof, will not wash out. Applications: Long and short bolts, sleeves, bushings, outboard and inboard pad backing plate, disc brake calipers, caliper pins and pistons. Temperature Range: -54°C to 288°C.
Part No. 24115, 236 ml can.

SUPER PENETRATING OIL

High performance formula acts faster than graphite formulations. Detergent action cuts through all foreign impediments. Applications: Use to help loosen any rusted or frozen assemblies.
Part No. 29219, 340 g aerosol.

WHITE LITHIUM GREASE

All purpose white lubricant. Protects against rust and makes surfaces friction free. Withstands moisture and high heat. Applications: Door hinges, hood latches, trunk latches, hatchback struts, seat tracks, jacks, winches, gear shift mechanisms, steering linkages, garage door and delivery truck door tracks.
Part No. 29222, 300 g aerosol.
Part No. 31845, 44 ml tube, carded.

SILICONE SPRAY LUBRICANT

High silicone content to lubricate, stop squeaks, prevent sticking, waterproof and preserve rubber, metal, wood, leather, vinyl. Will not swell rubber. Applications: Use to seal, lubricate and prevent the deterioration of any rubber seals, bushings, mouldings, weatherstripping as well as lubricate hinges, locks, door and window channels and any similar applications.
Part No. 29220, 320 g aerosol.

CHAIN LUBE

Specially formulated to lubricate and protect all types of roller chains operating in exposed conditions. Applications: Motorcycle, bicycles, chain saws and any chain-driven vehicle or equipment.
Part No. 29221, 340 g aerosol.

BELT DRESSING

Use to eliminate belt slipping and squealing permitting correct belt tension for longer belt and bearing life. Can be used on belting made of rubber, canvas, and leather. Applications: Fan belts and any similar belt drive applications.
Part No. 120GA, 141 g aerosol.
Part No. 120DA, 369 g aerosol.

Lubricants

ULTRA SLICK™ ENGINE ASSEMBLY LUBE

Specially formulated to ensure proper lubrication of engine components during start-up of new or rebuilt engines. Applications: Apply to camshafts and lifters, valves and guides, engine bearing when assembling engine.
Part No. 81950, 118 ml bottle.

HYDRAULIC JACK OIL

Improves lubrication and prevents rust and sludge build up in hydraulic units. Maintains viscosity and permits hydraulic actuator to function properly from -45°C to 49°C. Contains antioxidant, anti-rust and anti-wear additives for maximum service life. Applications: Floor lifts, motorcycle front forks, hydraulic hand jacks, rebuildable rear shocks and similar applications.
Part No. 80054, 946 ml bottle.
Part No. 78F, 3.78 L bottle.

SLIK-PAK® 5TH WHEEL GREASE

Effectively and conveniently lubricates 5th wheel top plates of trailer. Premeasured grease comes in handy pouch, requires no tools, creates no mess. Packaging disintegrates leaving no waste. Graphite lubricant designed for heavy duty applications and effective at extreme temperatures and environmental conditions. Applications: All fifth wheel plates including stationary, sliding and oscillating. All vehicle types from tractor-trailers to RV trailer homes.
Part No. 01020, 57 g packet.

Cleaners & Degreasers

NON-CHLORINATED BRAKE CLEAN

Professional strength to quickly remove oil, grease and grime from brake parts. Applications: Use to clean drum or disc brake assemblies and components; thousands of other uses including cleaning of C.V. joints, clutches, electrical contacts, switches, relays, ignition systems.
Part No. 29213, 390 g aerosol.

CHLORINATED BRAKE & PARTS CLEANER

Penetrates, dissolves, and removes oil, grease, brake fluid. Contains no ODCs. Displaces moisture and fast drying. Applications: All brake systems, C.V. joints, machinery, tools, farm equipment.
Part No. 29214, 538 g aerosol.

GREASE CUTTER ENGINE DEGREASER

Quickly dissolves and removes grease, oil and dirt. Cleans iron, steel, aluminum, magnesium and copper. Will not harm metals, rubber, plastic or concrete. Rinses off easily with water. Applications: Engines, tools, machinery, garage floors.
Part No. 48TA, 425 g aerosol.

ELECTRICAL CONTACT CLEANER

Ideal for sensitive electrical and electronic parts. Non-conductive and non-corrosive cleaner dries in seconds with no rinsing required. Removes grease, oil and other surface contaminants. Contains no HCFCs and is safe on all metal surfaces and many plastics. Applications: Switches, contacts, relays, motors, PC boards, connectors, tape heads, scales, sensors and control panels.
Part No. 24378, 425 g aerosol.

CARB AND CHOKE CLEANER

Super jet spray quickly cuts and removes grease, gum and varnish. Oxygen sensor safe. Applications: Manual and automatic chokes, baffle plates and carburetor linkage.
Part No. 29216, 350 g aerosol.

BATTERY CLEANER

Spray it on and wash corrosion off. Works in just three minutes. Applications: Automotive, marine, farm machinery and motorcycle batteries.
Part No. SA-8, 163 g aerosol.

BATTERY PROTECTOR & SEALER

Coats and seals battery terminals to prevent corrosion. Prevents battery drain, increases battery life, improves electrical flow. Spray on battery terminals, in or out of storage. Applications: Batteries, cables and terminals. For automotive, marine, farm machinery and motorcycle batteries.
Part No. 31876, 7 g sachet.
Part No. SA-9, 141 g aerosol.

DECAL & PAINT STRIPPER

Quickly strips and removes decals, stickers, pinstripes and paint from bumpers, auto and truck bodies. Applications: Pinstripes, bumper stickers, decals, various types of paint. Temperature Range: 5°C to 38°C.
Part No. 161DA, 340 g aerosol.

PLASTIC CLEANER

Cleans most plastics without scratching. Removes grease, stains and dirt. Forms a water repellent, antistatic shield which resists fogging. Applications: Plastic windows, canopies, instrument covers, goggles, lenses, motorcycle fairings, helmets, boat windshields and fibreglass hulls.
Part No. 403D, 473 ml spout-top can.

HEAVY DUTY RADIATOR CLEANER

Removes rust and scale from automotive engine radiators and cooling systems. Applications: Engine radiators, water jackets, industrial and maintenance applications.
Part No. 18E, 946 ml bottle.

FAST ORANGE GLASS & SURFACE CLEANER

Extra strength automotive formula safely cleans glass and other hard surfaces like chrome and bumpers. Powerful, grease cutting formula cleans streak free. Will not harm delicate surfaces. Applications: Windshields, mirrors, headlights, dashboards and plastic or vinyl interiors, plastic and chrome bumpers and exterior trim.
Part No. 36087, 624 g aerosol.

Permatex®

NOS® STREET FORMULA OCTANE BOOSTER

NOS performance for the street enthusiast, developed to increase octane effect up to 3 points. Recommended for high performance engines including marine and recreational. Improves horse power and lubricates upper end, excellent lead substitute. Eliminates knocks, pings and hesitation. Meets BMW requirements for IVD detergency. Excellent smoke suppressant for 2 cycle engines. Applications: For all combustion engines including carburated, fuel injected, turbo and super charged.
Part No. 12022, 355 ml bottle.

NOS® RACING FORMULA OCTANE BOOSTER

NOS performance for the serious enthusiast, developed to increase octane effect up to 7 points. Recommended for high performance engines including marine and recreational. Includes Nitro Methane and special lubricants developed for high performance engines. Improves horse power and lubricates upper end, excellent lead substitute. Eliminates knocks, pings and hesitation. Meets BMW requirements for IVD detergency. Excellent smoke suppressant for 2 cycle engines. Applications: For all combustion engines including carburated, fuel injected, turbo and super charged.
Part No. 12012, 355 ml bottle.

NOS® SUV FORMULA OCTANE BOOSTER

NOS performance for the light truck and off-road enthusiast, developed to increase octane effect up to 7 points. Recommended for high performance engines including marine and recreational. Improves horse power and lubricates upper end, excellent lead substitute. Eliminates knocks, pings and hesitation. Meets BMW requirements for IVD detergency. Excellent smoke suppressant for 2 cycle engines. Applications: For all combustion engines including carburated, fuel injected, turbo and super charged.
Part No. 12027, 355 ml bottle.

NOS® SUPER COOLANT

Reduces engine operating temperature by increasing heat transfer efficiency. Lubricates water pump, conditions seals and other components of cooling system. Safe for use with new or used ethylene and propylene glycol antifreezes. Protects aluminum cooling system parts from pitting and erosion. Lubricates water pump seals, preventing premature failure. Contains polymer dispersants, which prevent hard water scales and deposits. Ideal for water only racing applications. Reduces engine temperatures when towing, climbing or sitting in traffic. Increases horsepower by reducing operating temperature. Provides corrosion protection. Applications: For all automotive cooling system applications.
Part No. 12510, 355 ml bottle.

NOS® FUEL INJECTOR CLEANER

Cleans deposits from fuel injectors and combustion chamber. Reduces dieseling and eliminates engine knocking and pinging. Safe for catalytic converters and oxygen sensors. Reduces hydrocarbon and carbon monoxide emissions. Provides protection from rust and corrosion. Improves fuel efficiency, restores lost horsepower and prevents stalling and hesitation. Prevents valve sticking. Recommended for high performance engines including marine and recreational. Water suppressant properties. Applications: For fuel injected engines.
Part No. 12110, 355 ml bottle.

NOS
Nitrous Oxide Systems
OCTANE BOOSTER

Permatex®

Threadlockers

THREADLOCKER BLUE STICK
Medium strength removable grade threadlocker. Conveniently packaged in a self feeding stick applicator. Wax like formulation for difficult installations. Can be pre-applied to parts. Hand tool disassembly. Pocket and toolbox friendly. Applications: Valve covers, water pumps, oil pans, driveshafts, rocker arm nuts, carburetor studs.
Part No. 38132, 9 g stick, carded.
Part No. 38131, 19 g stick, carded.

THREADLOCKER RED STICK
High strength permanent grade threadlocker better suited for heavy duty applications where resistance to heavy shock, vibration and stress levels is required. Conveniently package in a self feeding stick applicator. Wax like formulation for difficult installations. Can be pre-applied to parts. Localized heating and hand tools required for disassembly. Pocket and toolbox friendly. Applications: Assembly with air tools, cylinder head studs, main cap bolts, flywheels, ring gears, transmission shaft hardware.
Part No. 38136, 9 g stick, carded.
Part No. 38134, 19 g stick, carded.

242® THREADLOCKER
Medium strength removable grade threadlocker. All purpose. Ideal for all nut and bolt applications from 1/4" to 3/4" (6 mm to 20 mm). Hand tool disassembly. Applications: Valve covers, water pumps, oil pans, driveshafts, rocker arm nuts, carburetor studs.
Part No. 38621, 6 ml tube, carded.
Part No. 38622, 36 ml bottle, carded.

243® THREADLOCKER OIL RESISTANT
Medium strength removable grade threadlocker. Used on "as received" parts with light oil coating. Ideal for all nut and bolt applications from 1/4" to 3/4" (6 mm to 20 mm). Hand tool disassembly. Applications: Valve covers, water pumps, oil pans, driveshafts, rocker arm nuts, carburetor studs.
Part No. 38636, 6 ml tube, carded.
Part No. 38646, 36 ml bottle, carded.

262 THREADLOCKER
High strength permanent grade threadlocker. Used for high impact and stressed applications. Ideal for all nut and bolt applications from 1/4" to 3/4" (6 mm to 20 mm). Localized heating and hand tools required for disassembly. Applications: Frame brackets, suspension fasteners, shock absorber mounts, wheel studs
Part No. 38637, 6 ml tube, carded.
Part No. 38647, 36 ml bottle, carded.

271™ THREADLOCKER
High strength permanent grade threadlocker. Used for heavy duty applications. Used for high impact and stressed applications. Ideal for all nut and bolt applications from 1/4" to 1" (6 mm to 25 mm). Adds 300 psi holding power on slip and press fit assemblies. Localized heating and hand tools required for disassembly. Applications: Frame brackets, suspension fasteners, shock absorber mounts, wheel studs
Part No. 38623, 6 ml tube, carded.
Part No. 38624, 36 ml bottle, carded.

277 THREADLOCKER
High strength permanent grade threadlocker. Used for high impact and stressed applications. Ideal for all nut and bolt applications from 1/4" to 1" (6 mm to 25 mm). Localized heating and hand tools required for disassembly. Applications: Frame brackets, suspension fasteners, shock absorber mounts, wheel studs
Part No. 38627, 36 ml bottle, carded.

5 PIECE THREADLOCKER STICK KIT
Handy boxed kit of all 5 stick products:
Blue threadlocker - medium strength, Red threadlocker - high strength, PST® - thread sealant, Copper anti-seize, Silver anti-seize. Toolbox friendly packaging.
Part No. 38659, Kit.

Thread Sealants

PST® THREAD SEALANT STICK
Self feeding applicator stick facilitates application of the material where a conventional thread sealant would be difficult to use. Lubricated thread sealant allows for smooth assembly and disassembly. Prevents galling of soft metal threads. Immediate low pressure sealing (<15 psi). Pocket and toolbox friendly. Applications: Stainless steel fittings, oil and coolant lines, fuel fittings, axle fill plugs, intake manifold, oil pressure and temperature senders.
Part No. 38133, 19 g stick, carded.

565 PST® THREAD SEALANT
Controlled strength formulation. Excellent replacement for Teflon® tape. Non shrinking, non cracking. Solvent resistant. High pressure capability (10,000 psi). Service temperature to 150°C. Applications: Stainless steel fittings, oil and coolant lines, fuel fittings, axle fill plugs, intake manifold, oil pressure and temperature senders.
Part No. 38635, 50 ml tube, carded.

592 PST® THREAD SEALANT
Low strength formulation. Slow cure for large assemblies. 72 hour adjustability window. Non shrinking. Service temperature up to 200°C. Applications: Stainless steel fittings, oil and coolant lines, fuel fittings, axle fill plugs, intake manifold, oil pressure and temperature senders.
Part No. 38614, 6 ml tube, carded.
Part No. 38613, 50 ml tube, carded.

LOCTITE®

LOCTITE®
Bearing Mounts

620 BEARING MOUNT
High strength. High temperature 230°C capabilities. Press/slip/shrink fit. Seals and locks bearings onto shafts/into bores. Localized heating and hand tools required for disassembly. Applications: Bushings, bearings, oil seals, cup/core plugs, pin mounting.
Part No. 38626, 36 ml bottle, carded.

660 PRESS FIT REPAIR
High strength press fit repair. Creamy, non running adhesive. For repair of large gaps. Rapid fixture and cure. Useful with worn press fits and splines. Localized heating and hand tools required for disassembly. Applications: Keyway rebuilds, worn splined parts, scored slip fits, form in place shims, loose set screws.
Part No. 38612, 50 ml tube, carded.

641 SLEEVE RETAINER
Medium strength. Controlled strength for parts that cannot be heated to dismount. Press/slip/shrink fit. Seals and locks bearings onto shafts/into bores. Ideal for parts requiring frequent servicing. Applications: Large diameter bearings, aluminum parts, precision parts.
Part No. 38648, 36 ml bottle, carded.

KLEAN 'N PRIME™
Primer for threadlocker, threadsealant and retaining products. Solvent based for fast dry. Speeds curing in low temperature applications. Assists curing on low activity metals (aluminum, stainless, cad/zinc/oxide coatings) Applications: All anaerobic machinery adhesive applications.
Part No. 38611, 4.5 oz. can.

Adhesives

SUPER GLUE
General purpose instant adhesive. Liquid formulation. Strong and fast. Bonds most materials in seconds. Applications: Metal, plastic, wood, vinyl, ceramic, rubber.
Part No. 38645, 2 g tube, carded.

QUICK GEL® SUPER GLUE
Gel formulation super glue designed for fast, strong repair to vertical surfaces. Adhesive will not run like a liquid. Strong and fast. Bonds most materials in seconds. Applications: Metal, plastic, wood, vinyl, ceramic, rubber.
Part No. 38615, 2 g tube, carded.

BLACK WEATHERSTRIP ADHESIVE
Fast drying contact adhesive. Tacks in 5 minutes. Waterproof. Solvent resistant (gas, kerosene, oil). Applications: Weather-stripping, metal, vinyl, wood, rubber.
Part No. 38603, 5 oz. tube, boxed.

EPOXY MIXER CUPS
Pre-measured epoxy in convenient mixer cups. No mess, no guess, no waste. Bonds in 5 to 15 minutes. Excellent chemical resistance. Useful for worn metal repairs. Applications: Loose trim, broken grilles, casting cracks, gouged metal repairs.
Part No. 38606, 10 x 4 g cups.

LOCWELD® BONDING COMPOUND
15 minute two part epoxy to replace welding or brazing. Machinable when cured. 3000 psi shear strength on steel parts. Paintable. Solvent resistance. Temperature resistance to 150°C. Applications: Aluminum, steel, brass, bronze, cast iron, worn stampings.
Part No. 38630, 2 x 1 oz. tubes, carded.

REARVIEW MIRROR ADHESIVE
Two part no mix tough acrylic adhesive. Permanent mounting for rearview mirrors to glass windshields. Instant fixture, 15 minute re-mount. Applications: Mounting rearview mirrors to windshields.
Part No. 38632, 0.3 cc kit, carded.

RTV SILICONE ADHESIVE SEALANT
General purpose RTV. Seals/bonds/mends glass, metal, plastic, fabric and rubber. May be applied to horizontal and vertical surfaces. Waterproof and flexible. Temperature resistant to 230°C. Resistant to oil, water, weather and vibration. Applications: Windshields, door frames, electrical connections, vinyl tops, seams and roofs.
Part No. 38617, Clear - 80 ml tube, carded.
Part No. 38618, Clear - 300 ml cartridge.
Part No. 38641, Black - 80 ml tube, carded.
Part No. 38642, Black - 300 ml cartridge.

Gasketing

READY GASKET
Forms tough, flexible form in place gaskets in 1 minute. Extreme oil tolerance. Blowout resistant, equipment to be returned to service immediately. Temperature range from -60°C to 260°C intermittent. Sensor safe, non corrosive low odour. Applications: Automotive and marine gaskets, valve covers, oil pans, intake manifolds, timing covers, water pumps, thermostat housings.
Part No. 40480, 190 ml can.

RTV 5699 GREY SILICONE
Specialized formulation for high torque applications. Temperature range from -60°C to 330°C intermittent. Ideal for rigid machined flanges. Outstanding oil tolerance. Sensor safe, non corrosive, low odour. Applications: Automotive and marine gaskets, valve covers, oil pans, intake manifolds, timing covers, water pumps, thermostat housings.
Part No. 38633, 80 ml tube, carded.

RTV 598™ BLACK SILICONE
Sensor safe, low odour, non-corrosive. Outstanding oil resistance, works to 329°C intermittent. OEM specified to comply with extended warranty requirements. Forms tough, flexible gaskets directly on the flange. 598™ Black retains high flexibility and oil resistance for longer gasket life.
Part No. 41241, 80 ml tube, carded.
Part No. 41240, 300 ml cartridge.

LOCTITE®

Gasketing

RTV 5920 COPPER SILICONE
Premium silicone designed for 4 cylinder turbo charged or high performance engines. Sensor safe, low odour. Temperature range from -60°C to 370°C intermittent. Vibration and oil resistant. Outstanding oil tolerance. Applications: Exhaust manifolds, headers, collectors, valve covers, oil pans, intake manifolds, timing covers, water pumps, thermostat housings.
Part No. 38639, 80 ml tube, carded.
Part No. 38640, 300 ml cartridge.

RTV 587 BLUE SILICONE
High flexibility form in place liquid gasket. Eight times more flexible than cork or composite gaskets. Sensor safe, low odour. Temperature range from -60°C to 260°C intermittent. Three times stronger oil tolerance than conventional silicones. Applications: Valve covers, oil pans, intake manifolds, timing covers, water pumps, thermostat housings.
Part No. 38616, 80 ml tube, carded.
Part No. 38634, 300 ml cartridge.

HIGH TEMP RTV RED SILICONE
Formulated for oxygen sensor. Service temperature to 315°C intermittent. Non shrinking, non hardening. Oil resistant. Applications: Valve covers, oil pans, intake manifolds, timing covers, water pumps, thermostat housings, transmission oil pans.
Part No. 38609, 80 ml tube, carded.
Part No. 38629, 300 ml cartridge.

RTV BLUE SILICONE
General purpose RTV. Sensor safe, low odour. Service temperature to 260°C intermittent. Vibration and oil resistant. Applications: Oil pans, intake manifolds, timing covers, water pumps, thermostat housings.
Part No. 38643, 80 ml tube, carded.
Part No. 38644, 300 ml cartridge.

HIGH TACK GASKET SEALANT
Fast drying gasket dressing. Improves seal between dry gasket and metal surfaces. Service temperature to 260°C intermittent. Resistant to gas, oil, coolant and grease. Applications: Valve covers, fuel pumps, carburetors, manifold gaskets.
Part No. 38607, 9 oz. aerosol.

AVIATION GASKET SEALANT
Slow drying, non hardening. Eases disassembly of metal parts. Resistant to gasoline, oil and greases. Applications: Close fit machined parts, sealing hoses, solid gaskets.
Part No. 38600, 4 oz. brush top can.

515 GASKET MAKER
Original version. Anaerobic gasket for rigid, machined flanges. Flexes with flanges that move in service. Flexible, solvent resistant liquid gasket. Max gap filling to 0.020". Eases disassembly. Replaces thin paper gaskets. Applications: Water pumps, thermostat housings, rigid transmission pans, transaxle casings, rigid differential covers.
Part No. 38625, 50 ml tube, carded.

518 GASKET MAKER
Newer improved version. Anaerobic gasket for aluminum, iron and steel flanges. Ideal for on-the-spot repairs. Flexible, solvent resistant liquid gasket. Max gap filling to 0.020". Eases disassembly. Replaces thin paper gaskets. Works well with aluminum. Applications: Water pumps, thermostat housings, rigid transmission pans, transaxle casings, rigid differential covers.
Part No. 38638, 50 ml tube, carded.

HIGH FLEX FORM-IN-PLACE GASKET
Anaerobic, flexible gasket sealant for flanges with vibration or pressure. Form-in-place gasket that fills gaps to 0.020". Resists solvents, flange movement, vibration, pressurization, and thermal changes up to 177°C.
Part No. 38628, 50 ml tube.

Anti Seize

COPPER ANTI-SEIZE STICK
Protects metal parts against galling, seizing and corrosion. Conveniently packaged in a self feeding stick applicator. Service temperature to 980°C. Smooth, non clumping formulation. Excellent low temperature lubricity. Applications: Spark plug threads into aluminum, exhaust manifolds bolts, engine bolts, thermostat housing bolts, oxygen sensors, battery cable connections.
Part No. 38137, 20 g stick, carded.

COPPER ANTI-SEIZE
Formulated with copper and graphite. Protection from rust, corrosion and galling. Service temperature to 980°C. Excellent low temperature lubricity. Applications: Spark plug threads into aluminum, exhaust manifolds bolts, engine bolts, thermostat housing bolts, oxygen sensors, battery cable connections.
Part No. 38605, 8 oz. brush top can.
Part No. 38604, 16 oz. brush top can.

SILVER ANTI-SEIZE STICK
Multi purpose high temperature anti-seize. Heavy duty protection against seizing, galling and corrosion. Conveniently packaged in a self feeding stick applicator. Ideal for high contact pressure applications. Service temperature to 870°C. Long term applications. Applications: Spark plug threads , exhaust manifold studs, engine bolts, alternator bolts, oxygen sensors, battery connections.
Part No. 38138, 20 g stick, carded.

SILVER ANTI-SEIZE
Heavy duty metallic and graphite formulation. Heavy duty protection against seizing, galling and corrosion. Non evaporating, non-hardening. Ideal for high contact pressure applications. Service temperature to 870°C. Long term applications. Applications: Spark plug threads , exhaust manifold studs, engine bolts, alternator bolts, oxygen sensors, battery connections.
Part No. 38619, 8 oz. brush top can.
Part No. 38620, 16 oz. brush top can.

Specialized Maintenance & Repair

DISC BRAKE QUIET STICK
This wax-like stick is specially formulated to dampen brake pad vibrations and eliminate associated squeaking and noise, without the sticky, smelly mess of traditional solvent and water-based products. Loctite® Disc Brake Quiet Stick forms a water-resistant, high temperature film that will absorb vibration and quiet disc braking.
Part No. 41238, 9 g stick.
Part No. 41239, 19 g stick.

NEW!!

LOCTITE®

SUPER LUBE®
Chemicals

SUPER LUBE® SYNTHETIC GREASE W/ TEFLON®
Excellent dielectric multi-purpose synthetic grease. Teflon particles fill surface irregularities. Provides super adhesion. Waterproof, will not wash away in hot, cold, or salt water.
Part No. CA21033, 85 gram tube.
Part No. CA31040, 170 gram aerosol.
Part No. CA31110, 311 gram aerosol.
Part No. CA41150, 400 gram cartridge.
Part No. CA41160, 400 gram jar.
Part No. CA41050, 2.25 kg can.
Part No. CA41030, 30 lb. pail.
Part No. CA41120, 120 lb. can.
Part No. CA41140, 400 lb. drum.

SUPER LUBE® SYNTHETIC OIL W/ TEFLON®
Multi-purpose synthetic oil. Ideal for applications where parts are confined or bathed in lubricant. Use in place of conventional 80 to 90 weight oil.
Part No. CA51010, 7 gram syringe.
Part No. CA51040, 1 gallon bottle.
Part No. CA51050, 5 gallon pail.
Part No. CA51550, 55 gallon drum.

SUPER LUBE® ENGINE TREATMENT W/ TEFLON®
Helps maintain normal operating temperatures during high stress conditions such as towing heavy loads. Compatible with all types of motor oils.
Part No. CA20320, 1 quart.

HDA TOP CHOICE CHEMICALS
Assorted Chemicals

CARB & CHOKE CLEANER
•High pressure blast spray
•Cleans carb, choke and PCV valve
•369 g
Part No. A-00736.

MULTI PURPOSE LUBRICANT
•Nonflammable
•Lubricates (Contains P.T.F.E.)
•Displaces water
•Prevents corrosion
•425 g
Part No. A-00391.

HEAVY DUTY GLASS CLEANER
•Professional strength
•Safe to use on tinted windows
•Cleans glass, chrome and metal
•Removes road film, grime, bugs, sap and nicotine film
•Fast acting, no streaks or residue
•No CFC's/Ozone friendly
•539 g
Part No. A-00124.

WHITE LITHIUM GREASE
•Lubricates and Reduces Friction
•Fortified with PTFE
•Prevents rust and corrosion
•Non-chlorinated
•312 g
Part No. A-00725.

CHLORINATED NON-FLAMMABLE BRAKE & PARTS CLEANER
•Blasts away deposits
•Superior cleaner and degreaser
•Removes brake fluid and oil
•Reduces wear on parts
•567 g
Part No. A-00733.

NON-CHLORINATED BRAKE & PARTS CLEANER
•V.O.C. compliant
•Blasts away deposits
•Superior cleaner and degreaser
•Removes brake fluid and oil
•Reduces wear on parts
•397 g
Part No. A-00734.

NON-CHLORINATED BRAKE & PARTS CLEANER V.O.C. COMPLIANT
•Meets or exceeds current California V.O.C. requirements
•Blasts away deposits
•Superior cleaner and degreaser
•Removes brake fluid and oil
•Reduces wear on parts
•397 g
Part No. A-00732.

Brake Maintenance

BRAKLEEN®
Quickly removes brake fluid, grease, oil and other contaminants from brake linings and pads. Helps brakes last longer and perform more efficiently. Cleans fast/dries fast/no residue. Degreases instantly. Non-flammable. Works without disassembly.
Part No. 75089, 539 gram aerosol.
Part No. 75090, 3.785 L jug.
Part No. 75091, 19 L pail.
Part No. 75093, 208 L drum.

NON-CHLORINATED BRAKLEEN®
Use where compliance calls for a chlorine-free product. Quickly removes brake fluid, grease, oil and other contaminants from brake linings and pads. Helps brakes last longer and perform more efficiently. Cleans fast/dries fast/no residue. Degreases instantly. Works without disassembly.
Part No. 75088, 425 gram aerosol.
Part No. 75086, 19 L pail.
Part No. 75087, 208 L drum.

DISC BRAKE QUIET™
Forms a water-resistant, high temperature film that instantly absorbs noise and quiets disc brake squeaks and squeals. Easily applied to the back of new or previously installed pads.
Part No. 75016, 118 ml bottle.
Part No. 75017, 255 gram aerosol.

SYNTHETIC BRAKE & CALIPER GREASE
Designed for today's high tech braking systems. Prevents caliper binding, sticking, vibration and squeal. Use on components of disc brake systems, caliper assemblies, metal backing plates of the disc brake pad, self-adjusters and drum brake systems. Effective temperature range: -30°C to 315°C.
Part No. 75359, 227 gram brush top bottle.
Part No. 75353, 340 gram tub w/ brush.

DE-SQUEAK™
Conditioning treatment for brakes. Metallic formula fills grooves and imperfections in the friction surfaces that cause squeaks and squeals. For use on disc, drum and ABS braking systems. Eliminates brake noise.
Part No. 75080, 319 gram aerosol.

Cleaner/Degreasers

GASKET REMOVER
Quickly removes the most stubborn gaskets, even in high temperature areas. Removes paint and decals. Dissolves gasket cement within minutes.
Part No. 75021, 340 gram aerosol.

CLEAN-R-CARB®
Carburetor cleaner. Maximizes carburetor performance. Quickly dissolves deposits on chokes, carb linkage, heat risers and PCV systems. Harmless to catalytic converters and oxygen sensors.
Part No. 75081, 454 gram aerosol.

FUEL INJECTION AIR INTAKE CLEANER
Removes gum and varnish from throttle valves and body. Lubricates butterfly and all moving parts. Leaves behind a corrosion resistant film. 360° valve sprays in any direction.
Part No. 75078, 340 gram aerosol.

ENGINE DEGREASER
Heavy duty cleaner. Quickly lifts grease and grime off for cooler, more efficient running. Leaves no residue. Easy to use; Spray on - rinse off
Part No. 75025, 425 gram aerosol.

LECTRA-MOTIVE™
Electrical parts cleaner. Provides fast, thorough cleaning for non-sensitive electrical equipment. Dissolves grease, oil, dirt and wax. Leaves no residue/ non-flammable.
Part No. 75018, 539 gram aerosol.
Part No. 75022, 19 L pail.
Part No. 75024, 208 L drum.

QD™ ELECTRONIC CLEANER
Excellent precision cleaning solvent. Instantly removes oil, grease, dirt, or flux from tape decks, radios, office equipment, computer components and other sensitive electronic components. No residue/harmless to most plastics.
Part No. 75012, 127 gram aerosol.
Part No. 75102, 312 gram aerosol.

GLASS CLEANER
Industrial strength cleaner for glass, mirror, chrome, stainless, and plastics. Removes greasy fingerprints, road film, smoke haze and silicone.
Part No. 14100, 500 gram aerosol.

HEAVY DUTY DEGREASER
Effective for cleaning and degreasing - evaporates fast, leaves no residue - non-flammable, non staining and non corrosive - dissolves grease, oil and sludge.
Part No. 73095, 589 gram aerosol.
Part No. 73097, 19 L pail.
Part No. 73098, 208 L drum.

HEAVY DUTY DEGREASER II
Unique alternative to chlorinated solvents - low odour - high flash point - removes tough grease, oil and dirt - high dielectric strength - non conductive, non corrosive, and chemically stable.
Part No. 73120, 454 gram aerosol.

TYME® 1
Carburetor and cold parts cleaner. Removes carbon, varnish and grease. Safely cleans aluminum and other metals. Non corrosive/non flammable.
Part No. 14101, 3.785 L can.
Part No. 14104, 19 L pail.

PARTS DIPPING BASKET
For use with Tyme 1®. Long lasting basket for hands free cleaning of a variety of metal parts. 13" handle.
Part No. 14061.

CRC® CHEMICALS

Lubricant/Penetrants

HEAVY DUTY SILICONE™
Multi-use lubricant. Clean, odourless, highly water resistant. Eliminates squeaking and binding. Fights rust and corrosion. Won't melt, freeze, gum or become rancid. Lubricates from -73°C to 232°C.
Part No. 75074, 213 gram aerosol.

SCREWLOOSE™ SUPER PENETRANT
Powerful, concentrated, fast-acting. Instantly penetrates minute crevices. Dissolves gum, rust and corrosion. Loosens rusted nuts, bolts, screws and frozen parts.
Part No. 75330, 312 gram aerosol.

POWER LUBE™ MULTI-PURPOSE LUBRICANT
Penetrates fast/stops squeaks. Plastic safe and odour free. Concentrated - clings for long lasting lubrication and protection.
Part No. 75005, 312 gram aerosol.
Part No. 75007, 3.785 L jug.
Part No. 75009, 19 L pail.
Part No. 75011, 208 L drum.

WHITE LITHIUM GREASE
Provides long lasting lubrication with excellent water and heat resistance. Fights rust and corrosion. Ideal for metal-to-metal lubrication. Will not wash off, melt or freeze.
Part No. 14200, 284 gram aerosol.

CHAIN & WIRE ROPE LUBRICANT
Penetrates chain pin and bushing areas - resists water wash-off and high temperature sling off - quiets noisy chain.
Part No. 73050, 284 gram aerosol.

CUTTING OIL
Use on all types of metal. Reduces heat and friction to ease cutting and increase tool life. Clings to vertical surfaces. No active sulphur, no strong sulphur odour.
Part No. 75500, 360 gram aerosol.

DRY GRAPHITE LUBRICANT
All temperature lubricant, fast drying, greaseless lubricant. Suitable for use around sensitive electronics.
Part No. 75101, 320 gram aerosol.

3-36®
Multipurpose lubricant/corrosion inhibitor - for use around modern plastics - penetrates, lubricates and seals out moisture.
Part No. 73005, 325 gram aerosol.
Part No. 73009, 19 L pail.
Part No. 73011, 208 L drum.

POWER LUBE®
Long lasting protection - blend of lubricants, additives and Teflon for maximum performance - provides corrosion protection - displaces moisture.
Part No. 73045, 339 gram aerosol.

EXTREME DUTY SILICONE
For all metallic and non metallic surfaces - ideal for metal-to-metal contact - clear, non-staining odourless film resists moisture.
Part No. 73030, 303 gram aerosol.

FOOD GRADE SILICONE
Moisture resistant - non toxic - harmless to most rubber and plastics.
Part No. 73040, 299 gram aerosol.

BELT DRESSING
Restores flexibility and prolongs belt life. Eliminates squeaks. Prevents slippage and glazing. Removes oil, grease and glaze formations.
Part No. 75350, 284 gram aerosol.

Corrosion Inhibitors/Coatings

ZINC MATE®
Zinc rich cold galvanize coating. 95% pure zinc. Forms a tough, flexible coating to fight rust and corrosion. Protects weld and base metal on previously galvanized coatings. Easy to apply/dries in minutes. Repairs damaged coatings.
Part No. 75054, 369 gram aerosol.

SP-300™ CORROSION INHIBITOR
Protects indoors up to 9 months - penetrates and seals out moisture - displaces water based coolants.
Part No. 73246, 19 L pail.

SP-350™ CORROSION INHIBITOR
Protects indoors up to 2 years - thin, non-drying film - excellent heavy duty start up lubricant.
Part No. 73262, 323 gram aerosol.
Part No. 73266, 19 L pail.

SP-400™ CORROSION INHIBITOR
Long term indoor/outdoor corrosion protectant - waxy film seals out moisture - highly resistant to humidity.
Part No. 73282, 304 gram aerosol.
Part No. 73286, 19 L pail.

Additives

DIESEL FUEL ANTI-GEL
Prevents diesel fuel gelling. Improves flowability of diesel fuel in cold weather. Lowers pour point up to 19°C. Disperses water.
Part No. 75221, 355 ml bottle.

BIO-CON® DIESEL FUEL SLIME REMOVER & CONDITIONER
Keeps injectors clean. Absorbs and disperses moisture. Improves storage stability. 1 bottle treats 50 gallons of diesel fuel.
Part No. 75225, 355 ml bottle.

DIESEL FUEL CONDITIONER & INJECTOR CLEANER
Lubricates upper cylinders. Dissolves varnish and gum accumulation. Improves fuel economy. Disperses water. Contains no harmful alcohol.
Part No. 75202, 887 ml bottle.
Part No. 75203, 3.785 L jug.
Part No. 75205, 208 L drum.

DIESEL FUEL CONDITIONER WITH ANTI-GEL
Lowers pour point of diesel fuel by up to 19°C. Cleans injectors. Reliquefies gelled fuel. Lubricates upper cylinders. Disperses water. Contains no harmful alcohol.
Part No. 75212, 887 ml bottle.
Part No. 75213, 3.785 L jug.
Part No. 75214, 19 L pail.
Part No. 75215, 208 L drum.

FUEL INJECTOR CLEANER
Removes deposits from injectors, carburetor and intake system. With regular use, eliminates hard starts, rough idling and excessive emissions. Reduces engine demand for high octane fuel. Harmless to catalytic converters and oxygen sensors.
Part No. 75061, 355 ml bottle.

Additives

GUARANTEED TO PASS™ EMISSIONS TEST FORMULA
Powerful emulsifiers and cleaning agents work to decrease carbon monoxide and hydrocarbon emissions by removing intake valve deposits and improving the flow into port fuel injectors - improves vehicle performance and virtually eliminates common fuel system problems such as hesitation and sluggish acceleration.
Part No. 75060, 355 ml bottle.

FUEL STABILIZER
For seasonal equipment, including chain saws, snow blowers and lawn mowers. Preserves gasoline and diesel fuel for up to one year. Prevents gum and varnish build up, keeps fuel fresh- while equipment is in storage. Treats 75 litres of gasoline.
Part No. 75380, 237 ml bottle.

ENGINE STOR®
Long term metal protection fogging fluid for seasonal storage. Protects outboard motors and internal engines - keeps pistons, rings and cylinder walls corrosion free for long engine life. Protects electricical connections in use/storage.
Part No. 75027, 369 gram aerosol.

SUPER TURBO™ LEAD SUBSTITUTE, OCTANE BOOST
Increases octane by 2.5% to 5.5% for maximum horsepower and torque. Replaces lubrication formerly found in leaded fuels. Treats 75 litres of fuel.
Part No. 75063, 355 ml bottle.

TOW KOOL™ FOR COOLING SYSTEMS
A super concentrated cooling system additive specially formulated to reduce operating temperatures, increase engine performance and extend component life. Tow Kool for Cooling Systems will prevent overheating, improve air conditioner performance and lubricate the entire cooling system.
Part No. 75501, 474 ml bottle.

TOW KOOL™ FOR AUTOMATIC TRANSMISSIONS
A revolutionary automatic transmission additive. After monitoring and analyzing the heat related stresses and strains put on an automatic transmission during normal and extreme driving, CRC developed this technologically advanced formula. Tow Kool for Automatic Transmissions restores ATF viscosity, reduces operating temperatures and protects internal transmission components with extreme pressure agents.
Part No. 75502, 474 ml bottle.

Specialty Products

RUBBERIZED SPRAY UNDERCOAT
Provides a tough, flexible shield against moisture, salt and road debris. Dries quickly. Will not crack or peel. Deadens outside road noise. Seals underbody, fenders, panels, frame, hood, doors, decks, weld joints, etc.
Part No. 75034, 450 gram aerosol.

AIR TOOL OIL
Lubricates and protects pneumatic equipment - reduces rust, varnish, sludge and acids - increases torque - assures long tool life - picks up and expels moisture into exhaust air.
Part No. 74095, 444 ml bottle.
Part No. ST2533, 3.785 L jug.

SMOKE TEST™
Smoke detector tester. Simulates smoke for effective testing. Non-staining/no residue. Accepted by the National Fire Protection Association.
Part No. 72105, 71 gram aerosol.

ICE-OFF® WINDSHIELD SPRAY DE-ICER
Melts ice, snow, and frost on contact. Harmless to car finish. Thaws frozen locks.
Part No. 75346, 340 gram aerosol.

BATTERY MAINTENANCE
Removes corrosion, neutralizes acid spills. Reduces voltage leakage. Assures maximum battery current flow.
Part No. 75097, 312 gram aerosol.

BATTERY TERMINAL PROTECTOR
Designed to protect battery terminals from corrosion. Provides a lead-free, protective coating.
Part No. 75046, 213 gram aerosol.

SENSORKLEEN™
Used to clean the Mass Air Flow (MAF) sensor on newer GM, Ford, and import fuel injected engines. Cleans all road type soils without harming the sensitive plastics or leaving a residue on wires/plates. Evaporates quickly and completely.
Part No. 75110, 312 gram aerosol.

DI-ELECTRIC GREASE
Moisture barrier for electrical contacts, battery terminals, spark plugs and high voltage surfaces. Unique, non-curing silicone compound used for sealing, lubricating, protecting and electrical insulating.
Part No. 73082, 298 gram aerosol.

DUSTER
Removes dirt and dust from any surface leaving no residue - non-flammable - non-abrasive - plastic safe - ozone friendly.
Part No. 74085, 227 gram aerosol.

FREEZE SPRAY
An aerosol cooling system that instantly freezes surfaces to -51°C. Non-flammable and plastic safe. Dissipates heat and cools circuits. Safe for use on sensitive components and all surface finishes. Comes with 4" extension tube.
Part No. 74086, 284 gram aerosol.

CRC® CHEMICALS

Electrical Precision Cleaner Products

QD™ CONTACT CLEANER
Evaporates rapidly, removes contaminants from electrical/electronic components and contacts. Harmless to most sensitive plastics. Leaves no residue.
Part No. 72130, 335 gram aerosol.

CO® INDUSTRIAL CONTACT CLEANER
Removes light oils, dust and finger prints from sensitive electrical/electronic equipment - non-conductive - non-corrosive - leaves no residue - no flash point - plastic safe and ozone friendly.
Part No. 72016, 397 gram aerosol.

LECTRA CLEAN® II
No chlorinated solvents - low odour compound - high flash point: 61°C - removes tough grease, oil, and dirt - non-conducting, non-corrosive, and chemically stable - controlled evaporation.
Part No. 72120, 466 gram aerosol.

URETHANE SEAL COATS™
Abrasion resistant insulator - seals out water and moisture - high dielectric strength - effective temperature range of -68°C to 121°C.
Part No. 72049, (Clear) 330 gram aerosol.
Part No. 72044, (Red) 344 gram aerosol.

Equipment/Accessories

LIGHT DUTY SPRAY APPLICATOR
Spray nozzle adjusts from fine mist to stream - economical, easy to use - compatible with most liquids except paint and lacquer thinners.
Part No. 14021, 16 oz. spray bottle.

SURE SHOT® REUSABLE SPRAYER
Completely portable, no hoses or wire - jet stream or mist spray - air pressurized and fully tested to 200 psi - recommended for spraying most light liquids except corrosive materials and water-based solutions
Part No. 14016, 32 oz. spray bottle.

CELEBRATING 40 YEARS
40
1968 Gregg 2008

Cleaners & Degreasers

ENGINE BRITE GEL
Fast acting, highly effective, non-flammable gel formula. Safely removes grease, dirt and grime from most engines.
Part No. EBGELC, 425 gram aerosol.

ENGINE BRITE®
Heavy duty cleaning formula is packed with powerful degreasing solvents that quickly and easily remove the toughest grease, dirt and grime.
Part No. EB1C, 454 gram aerosol.
Part No. EB5C, 18.9 L pail.
Part No. EB8, 205 L drum.

CITRUS ENGINE BRITE®
Cleans grime leaving a pleasant citrus scent. Cleans and details for a like-new look. Protective layer makes next engine clean up even easier. Unique 2 stage spray tip gives light spray or powerful stream.
Part No. CEB1C, 453 gram aerosol.

INTAKE MEDIC™ AIR INTAKE CLEANER
Improves engine performance by cleaning away varnish, carbon, oil, and grease from computer controlled air intake systems.
Part No. M4712C, 340 gram aerosol.

ENVIRONMENTAL BRAKE CLEANER
Dissolves and removes brake fluid, oil, grease, and other contaminants from all types of brake assemblies.
Part No. AM720C, 510 gram aerosol.
Part No. AM734C, 3.78 L can.
Part No. AM739C, 18.9 L pail.

SUPER CONCENTRATE DEGREASER
An economical concentrated cleaner turns grease into soap. Dilutes with kerosene and other similar petroleum solvents.
Part No. SC3, 3.78 L can.
Part No. SC5, 18.9 L pail.
Part No. SC8, 205 L drum.

NON CHLORINATED BRAKE CLEANER
For disc, drum, ABS brakes and CV joints. Removes brake fluid, oil and grease. Fast drying.
Part No. M705C, 390 gram aerosol.
Part No. M739C, 18.9 L pail.

ELECTRICAL CONTACT CLEANER
Cleans alternators, electric motors, instruments, etc. Safe for ABS brakes.
Part No. NM1C, 567 gram aerosol.

BATTERY TERMINAL CLEANER
Cleans battery terminals, connectors, battery tray and holder bolts and brackets. Prevents corrosion. Fuel cell safe.
Part No. BTC4C, 142 gram aerosol.

SWAB™ POWDERED CONCRETE CLEANER
Quickly dissolves grease, oil and dirt from concrete and asphalt. Cleans, brightens, and hardens concrete.
Part No. SW2, 680 gram bottle.
Part No. SW4, 11.35 kg pail.
Part No. SW6, 45.4 kg keg.

CARB MEDIC
Cleans carbs and fuel injectors on the engine. Saves gas, stops rough idling, stalling and hard starting. Cleans linkages, automatic chokes, PVC valves, and heat riser valves.
Part No. M4814C, 354 gram aerosol.

HYDROSEAL® II
Powerful, heavy duty hard parts cleaning compound. Contains no chlorinated solvents. Non-corrosive.
Part No. HS3, 3.78 L can.
Part No. HS3K, 6.62 L w/basket.
Part No. HS5K, 18.9 L w/ basket.
Part No. HS5LB, 18.9 L pail.
Part No. HS8, 189 L drum.

LIQUIK™ STEAM CLEANER & PRESSURE WASHER COMPOUND
Heavy duty formula for steam cleaners. Removes coil scale.
Part No. LPH5, 18.92 L pail.

Lubricants & Penetrants

LIQUID WRENCH® SUPER PENETRANT
Proven over millions of applications. A powerful blend of quick-acting, fast penetrating solvents that loosens rusted nuts, bolts, and parts in seconds.
Part No. L104C, 118 ml squirt spout.
Part No. L106C, 170 gram aerosol.
Part No. L112C, 312 gram aerosol.

LIQUID WRENCH® SUPER LUBRICANT
Lubricates and protects all metal surfaces from rust and corrosion. Penetrates and frees rusted nuts, bolts, and screws. Quick drying formula.
Part No. L212C, 312 gram aerosol.

LIQUID WRENCH® NON-FLAMMABLE SUPER LUBRICANT W/PTFE
Non flammable formula. The all purpose lubricant... loosens rusted nuts and bolts, releases frozen and corroded parts, frees seized joints and mechanisms, lubricates locks, hinges, and casters. Stops squeaks and squeals. Displaces moisture and inhibits corrosion.
Part No. L312C, 311 gram aerosol.

L4 LIQUID WRENCH FOAMING PENETRANT & LUBRICANT
Unique foaming action. Cleans, penetrates and lubricates. Superior corrosion protection.
Part No. L412C, 255 gram aerosol.

LIQUID WRENCH DRY LUBE WITH PTFE
Long lasting dry lubricant film. Superior lubricity with no oily residue. Will not collect dust.
Part No. L512C, 311 gram aerosol.

WHITE LITHIUM GREASE
Reduces friction in all metal to metal and metal to plastic applications. Protects against rust and corrosion. Will not melt, run, freeze, or wash off.
Part No. L616C, 290 gram aerosol.
Part No. L666, 454 gram tub.
Part No. L6200, 200 gram tube.

CHAIN LUBE
Withstands high temperatures and adheres to surfaces under high RPM's. Sprays on and penetrates like an oil... sets up like grease.
Part No. L716, 350 gram aerosol.

HEAVY DUTY SILICONE SPRAY
Compatible with metals, rubber, plastic, and wood. High viscosity formula eliminates squeaks and lubricates all kinds of household and mechanical equipment.
Part No. M914C, 311 gram aerosol.

RADIATOR SPECIALTY

Lubricants & Penetrants

SUPER OIL™
1001 uses around home and shop. Lubricates and protects metal parts against wear & corrosion. Lubricates electric motors, locks, sewing machines etc.
Part No. L1004C, 118 ml squirt spout.

DRY GRAPHITE
Ideal for hydraulic pumps, motors etc. Works at temperatures from -50°C to 500°C.
Part No. BGS1, 325 gram aerosol.

SULFLO™ CUTTING OIL
Speeds work by more than 50%. Superior lubricity and anti-weld properties. Multiplies tool life.
Part No. SUL2C, 946 ml bottle.
Part No. SUL3C, 3.78 L bottle.

SULFLO™ DARK
For high speed machines.
Part No. SUD3C, 3.78 L bottle.

Fuel System Products

FUEL STABILIZER
For storage and everyday use in all two and four cycle engines. Keeps stored fuel fresh. Prevents formation of gum, varnish and rust in fuel systen Contributes to quick engine start up after storage.
Part No. M5312C, 350 ml bottle.

INJECTOR PLUS™ SUPER CONCENTRATED FUEL INJECTOR CLEANER
One treatment cleans fuel injectors and intake valves. Restores lost power. Increases fuel economy.
Part No. M5212C, 350 ml bottle.

OCTANE PLUS™
Cleans combustion chambers and fuel system. Reduces knock, ping and hesitation. Restores top performance.
Part No. M5112C, 350 ml bottle.

LEAD SUBSTITUTE
Replaces lead protection, for low lead gasolines. Contains valve seat anti-wear additive.
Part No. M5012C, 350 ml bottle.

FUEL INJECTOR CLEANER
Keeps fuel injectors & carburetors clean. Restores lost power. Reduces exhaust emissions.
Part No. M4912C, 350 ml bottle.

EXHAUST MEDIC™
Cleans entire fuel system. Guaranteed to reduce emissions and increase vehicle performance.
Part No. M5512C, 350 ml bottle.

CARB-MEDIC™ CARBURETOR CLEANER
Improves gas mileage and smooths rough idling. Removes gum and varnish.
Part No. M4816C, 350 ml bottle.

SUPER CONCENTRATED FUEL SYSTEM CLEANER
For vehicles with larger fuel tanks - treats 130 litres. Reduces stalling and emissions. Cleans injectors and valves, pistons and combustion chambers.
Part No. MSUV16C, 476 ml bottle.

DIESEL FUEL DE-GEL
Dissolves gelled diesel fuel, ice and wax in 15 minutes. For low or high sulfur diesel fuel.
Part No. M7532C, 946 ml bottle.

DIESEL MILEMAX MILEAGE IMPROVER
Enhances lubricity. Improves fuel economy and increases cetane number by 3 points. Cleans injectors and reduces emissions. Does not contain alcohol.
Part No. M6732C, 946 ml bottle.

DIESEL FUEL ANTI-GEL
Enhances lubricity. Prevents gelling and lowers pour point to -40°C. Increases cetane number by 3 points. Does not contain alcohol.
Part No. M6932C, 946 ml bottle.

DIESEL-TONE® FUEL CONDITIONER
Keeps injectors clean by dissolving gum and varnish. Prevents rust and corrosion buildup. Enhances combustion.
Part No. M2412C, 350 ml bottle.
Part No. M2432C, 946 ml bottle.

METHYL HYDRATE (METHANOL)
Use as a de-icer, shellac thinner or smokeless fuel. Guaranteed pure.
Part No. MH1, 1 L bottle.
Part No. MH4, 4 L bottle.

GAS LINE ANTI-FREEZE
Prevents frozen gas lines and eliminates condensation. Protects entire fuel system.
Part No. G206, 150 ml bottle.

Oil Additives

FIVE MINUTE MOTOR FLUSH
Removes accumulated gum, varnishes, and sludge from internal engine parts. Releases sticky valves and piston rings, allowing oil to circulate freely to all parts of the motor.
Part No. MF2C, 946 ml bottle

BEARIN' SEAL™
Stops engine leaks in front and rear main bearings, head gaskets, and timing chain.
Part No. M1616C, 350 ml bottle

MILEMAX™ MILEAGE IMPROVER
Up to 7% mileage increase. Kit contains oil treatment and gas treatment. Reduces engine friction, cleans dirty fuel systems.
Part No. GS3C, Kit

VALVE-MEDIC®
Super-concentrated formula quiets noisy valve lifters. Dissolves gum, sludge and dirt deposits from valve lifters. Eliminates valve noises.
Part No. M3712C, 350 ml bottle

MOTOR MEDIC® OIL TREATMENT
Reduces friction and wear. Helps reduce oil consumption.
Part No. M1815C, 443 ml bottle

ENGINE STOP LEAK
Revitalizes oil sels and gaskets that have shrunk due to temperature or age. 100% petroleum product. Compatible with all sealing and gasket materials.
Part No. M2115C, 443 ml rip top can.

STOP SMOKIN'
Helps reduce oil consumption. Helps reduce blow-by.
Part No. M5714C, 428 ml bottle.

Winter Products

INSTANT STARTING FLUID
Quickly starts gasoline and diesel engines without glow plugs. Contains upper cylinder lubricants. Effective to -48°C.
Part No. M3512, 210 gram aerosol.

LIQUID FIRE™ STARTING FLUID
Designed for all gasoline engines and diesel engines without glow plugs. Fits injector bracket on most diesel trucks and heavy equipment. Effective to -54°C.
Part No. M3911, 210 gram aerosol.

Cooling System Products

10 MINUTE FLUSH
Quickly removes grease, scum, rust and scale. A fast, one step product that requires no neutralizer. Contains no acids. Compatible with all cooling systems.
Part No. C1412C, 350 ml bottle.

SUPER RADIATOR FLUSH
Proprietary cleaning agents remove rust deposits and oily residue in one easy step to help anti-freeze/ coolant efficiently flow to all parts of the cooling system.
Part No. C2124C, 650 ml bottle.

SUPER RADIATOR SEALER
Exclusive free flowing, non clogging formula seals leaks where the other leading brands fail. Compatible with all cooling system metals, hoses and gaskets.
Part No. C2016C, 443 ml bottle.

ANTI-RUST WITH WATER PUMP LUBE
Mixes with all ethylene glycol based antifreeze/ coolants. Prevents evaporation, formation of rust and corrosion. Keeps entire cooling system clean and running efficiently. Lubricates and protects all aluminum and/ or metal parts, hoses and seals.
Part No. C1012C, 325 ml bottle.

SEALER & STOP LEAK/ LIQUID RAD REPAIR
A non-metallic liquid formula that goes to work fast to repair cooling system leaks. Forms a tough, durable seal that holds up to extreme heat, vibration and pressure.
Part No. C312C, 325 ml can.

HEAVY DUTY BLOCK SEAL
Special dual action formula quickly removes grease, scum, rust and scale. A fast, one step product that requires no neutralizer. Contains no acids. Compatible with all cooling systems.
Part No. C616C, 443 ml bottle.

STOP LEAK
Aluminized formula prevents and stops leaks and seepage in radiators, heater cores, blocks, cylinder heads, freeze plugs, and gaskets. Specially formulated to effectively work with modern or older cooling systems.
Part No. C501C, 28.3 gram stick, carded.
Part No. C501VC, 28.3 gram stick.

Functional Fluids

SUPER HEAVY DUTY DOT 3 BRAKE FLUID
Super heavy duty formula with higher boiling point than conventional DOT 3 bra or exceeds DOT 3 specifications and is recommended for use in disc, drum or a systems.
Part No. M4312C, 350 ml bottle.
Part No. M4316C, 500 ml bottle.
Part No. M4332C, 946 ml bottle.
Part No. M4334C, 3.78 L bottle.
Part No. M4339C, 18.9 L pail.

DOT 4 BRAKE FLUID
Provides superb performance and protection in today's high temperature braking systems. Exceeds DOT 3 and DOT 4 specs. Recommended for all disc, drum or ABS braking systems as well as hydraulic clutches.
Part No. M4512C, 350 ml bottle.

DOT 5 SILICONE BRAKE FLUID
Meets or exceeds Dot 5 specs. 500°F dry boiling point. Prevents system corrosion.
Part No. M4011C, 350 ml bottle.

SQUEAL MEDIC BRAKE SQUEAL & SQUEAK CURE
Prevents brake squeal. For all disc, drum and ABS brakes.
Part No. M72502C, 56 gram aerosol.
Part No. M725C, 318 gram aerosol.

SQUEAL MEDIC CALIPER GREASE
Prevent caliper seizing. Silences caliper noise. Works to 270°C.
Part No. L908C, 226 gram bottle.

HYDRAULIC CLUTCH FLUID
Meets OEM spec. Makes shifting easier. Increases clutch life.
Part No. M4112C, 350 ml bottle.

DISC BRAKE QUIET AEROSOL
Stops disc brake squeal, squeak and chatter. Provides a high temperature, water resistant protective film.
Part No. M609, 255 gram aerosol.

AIR BRAKE ANTI-FREEZE
Anti-freeze with rubber lubricant. Keeps moisture in air brakes from fre ing.
Part No. M2832, 1 L bottle.
Part No. M2834, 4 L bottle.

TRANSEAL
Prevents and stops leaks in automatic transmissions. Keeps transmission seals soft and pliable.
Part No. M1512C, 350 ml bottle.

TRANS-MEDIC™
Helps eliminate slippage, down shifting, rough shifting, sluggish action, and gear whine. Reduces friction. Will not drain off, squeeze off or burn off frictional surfaces.
Part No. M3612C, 350 ml bottle.

TRANS-FUSION
Stops and prevents leaks in automatic transmissions by controlled softening of seals. Compatible with all domestic automatic transmission fluids.
Part No. M1432C, 946 ml bottle.

RADIATOR SPECIALTY

Functional Fluids

POWER STEERING FLUID
Non-corrosive, non-foaming formula. Stops squealing, protects seals and helps prevent abnormal wear. Formulated with detergent additives to promote cleaner operating system.
Part No. M2716C, 500 ml bottle.
Part No. M2732C, 946 ml bottle.

POWER STEERING FLUID FOR HONDA® VEHICLES
Specifically formulated to meet the requirements of Honda and Acura vehicles.
Part No. M2714H, 341 ml bottle.

STEERSEAL®
Stops power steering leaks due to drying, hardening or shrinking of seals. Reduces wear and noise. Replaces fluid. Keeps power steering unit operating at peak efficiency. Compatible with power steering fluids.
Part No. M1712C, 350 ml bottle.

Appearance Products

FOAMING GLASS CLEANER
Powerful foaming action. Cleans windshields, all glass windows, mirrors, appliances, ceramic tile, chrome, stainless steel, and aluminum.
Part No. GC1, 550 gram aerosol.

TAR & BUG REMOVER
Removes tar and bug residue from car finishes, motorcycles, chrome grilles, wheels, and bumpers.
Part No. TR1C, 340 gram aerosol.

TIRE SHINE
No wiping! Just spray and let Tire Shine do the rest. Lasting shine. Beautifies and protects.
Part No. FTS21C, 481 gram aerosol.

FOAMING RIM CLEANER
Removes dirt, grime and brake dust from wheels, rims and hub caps. Scrubbing foam action cleans quickly.
Part No. FWC22C, 623 gram aerosol.

CARPET & UPHOLSTERY CLEANER
Deep cleans carpet, fabric, vinyl and leather. Removes spills and stains, kills carpet smells.
Part No. MPC22C, 623 gram aerosol foam.
Part No. CS33C, 975 ml trigger bottle.

TOP GUN™ CONCENTRATED CLEANER
Removes grease and grime from machinery when used at full strength yet still effective for glass and crystal when diluted. Non-toxic, biodegradable, and non-corrosive. Professional strength.
Part No. TG1C, 650 ml trigger bottle.
Part No. TG2C, 1.9 L refill bottle.

ONE MINUTE WHEEL CLEANER
Cleans without scrubbing. Removes dirt, grease and brake dust. Just spray and rinse. Safe on all wheels.
Part No. WC33C, 975 ml trigger bottle.

ORANGE GUNK ALL-PURPOSE CLEANER
Cleans grease, grime and dirt on contact. Leaves a pleasant citrus fragrance.
Part No. GOB33C, 975 ml trigger bottle.

BUG REMOVER WITH WAX
Removes dried on bug splatter, tree sap, grease, oil. Clear coat safe. Leaves a glossy protective barrier.
Part No. BUG33C, 975 ml trigger bottle.

AUTO DEODORIZER
For cloth interiors. Kills odours and inside smell. Leaves a fresh scent.
Part No. DEOD33C, 975 ml trigger bottle.

LIQUID CLEAR™ CAR WASH
Clear finish look that won't remove wax! Removes road grime, salt and bugs. Spot free - cleans without hazing.
Part No. VW2C, 473 ml bottle.

CAR & TRUCK WASH
Deep cleans dirt and grime. Safe on all finishes. Won't remove wax.
Part No. VW5, 3.78 L bottle.

Specialty Products

ACRA-SEAL™ IGNITION SEALER
Produces a clear, strong, yet flexible waterproof coating on metal, rubber, wood, plastic, or paper surfaces. Excellent for ignition systems, spark plugs, batteries, chrome, and metal parts.
Part No. M406C, 170 gram aerosol.

WIRE DRYER
Dries wet ignition systems leaving a weatherproof protective coating. Excellent for all electrical parts, batteries, distributors, coils, plugs, leads, cables, and wires.
Part No. M1306C, 170 gram aerosol.

HYDRAULIC JACK OIL
Formulated with extreme pressure additives. For use in hydraulic jacks.
Part No. J132C, 946 ml bottle.

STOP-SLIP™ BELT DRESSING
Conditions v-belts and fan belts for prolonged belt life. Provides better belt grip and traction and helps eliminate squeals and chattering.
Part No. M208C, 170 gram aerosol.

Specialty Products

UNDERCOATING
Rubberized and paintable. Seals against rust and corrosion. Muffles noise.
Part No. T1617RC, 454 gram aerosol.

BATTERY TERMINAL PROTECTOR
Provides special coating which when sprayed on battery terminals and holder hardware prevents battery acid corrosion. Ensures maximum starting current for faster starts.
Part No. BTP4C, 112 gram aerosol.

ANCHOR™ DUCT TAPE
Multi purpose aluminum cloth tape.
Part No. 6900, 48 mm x 54.8 m.

EASY TO USE NON-FLAMMABLE PUNCTURE SEAL™ FOR PASSENGER CARS
Versatile 8 inch (203 mm) applicator hose and choice of 2 sizes, handles tire inflation problems with ease.
Part No. M1115C, 510 gram aerosol.
Part No. M1120C, 680 gram aerosol.

EASY TO USE NON-FLAMMABLE JUMBO PUNCTURE SEAL™ FOR TRUCKS
Contains no hydrocarbon gas. Formulated for the larger size tires found on light trucks, sport utility vehicles, vans, and RV's.
Part No. M1128C, 694 gram aerosol.

Hand Cleaners

GUNK PLUMERZ® HAND CLEANER
Safely and effectively removes PVC, ABS and CPVC plastic pipe cement. Also removes: adhesives/sealants, grease/grime.
Part No. M1010, 500 ml bottle.

GUNK MECHANIX® HAND CLEANER WITH PUMICE
Removes dirt and grime. Solvent free, biodegradable hand cleaner. Natural orange lotion fortified with lanolin.
Part No. M1017, 473 ml bottle.
Part No. M1035, 3.5 L bottle w/ pump.

LANLIN ORANGE CREAM HAND CLEANER WITH PUMICE
Contains soft plastic scrubbers for fast, gentle cleaning action. Fortified with Aloe Vera and lanolin.
Part No. M1092, 2 kg can.

SOLDER SEAL GUNK

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ECO-CARE MULTI-KLEEN
An environmentally safe, water soluble multi-purpose biodegradable cleaner/degreaser with the fragrance of citrus fruit.
Part No. 017, 4 litre bottle.
Part No. 018, 20 litre pail.

ECO-CARE ENGINE DEGREASER
An industrial strength, biodegradable cleaner that effectively replaces hazardous solvents. Derived from citrus fruit.
Part No. 022, 4 litre bottle.
Part No. 023, 20 litre pail.

ECO-CARE KLEEN PARTS
Carburetor and Metal Parts Cleaner is designed for industrial applications. A natural biodegradable cleaner/degreaser derived from citrus fruits.
Part No. 032, 4 litre bottle.
Part No. 033, 20 litre pail.

ECO-CARE NATURAL KLEEN HAND CLEANER WITH PUMICE
Made using the natural cleaning oils found in an orange to remove all soils and stains from your hands. Contains lanolin, skin conditioners, and moisturizers.
Part No. 043, 3.5 litre pump bottle.

KLEEN-SOLV
Multi-purpose cleaning solvent — fast and effective. Can also be used as a paint and varnish thinner.
Part No. 116, 20 litre pail.
Part No. 117, 205 litre drum.

MULTI-KLEEN
All purpose, pre-mixed, non-corrosive heavy duty cleaner. Pleasant fragrance.
Part No. 174, 710 ml spray bottle.
Part No. 175, Concentrated, 4 litre bottle.
Part No. 176, Concentrated, 20 litre pail.

MULTI-KLEEN PLUS
Industrial strength multi-purpose cleaner. For grease, oil, etc.
Part No. 184, 710 ml spray bottle.
Part No. 186, 4 litre bottle.
Part No. 187, 20 litre pail.
Part No. 188, 205 litre drum.

ARMASHINE PROTECTANT
Protects and beautifies vinyl, treated leather, rubber, and plastic surfaces. Contains no water. For tires, dashboards, even as a fibreglass boat polish and restorer.
Part No. 192, 500 ml bottle.
Part No. 193, 725 ml bottle.
Part No. 194, 4 litre bottle.

ARMASHINE TIRE FOAM
Cleans, shines, and protects tires in minutes. No washing, no wiping, simply spray foam on tires.
Part No. 198, 600 gram aerosol.

KLEEN-LOC REMOVABLE BLUE THREADLOCKER
Regular strength, fast cure. Locks fasteners up to 1". Eliminates the need for expensive locking devices.
Part No. 202, 10 ml bottle.
Part No. 204, 50 ml bottle.

KLEEN-LOC PERMANENT RED THREADLOCKER
High strength, fast cure. Locks fasteners up to 1". Eliminates the need for expensive locking devices.
Part No. 206, 10 ml bottle.
Part No. 208, 50 ml bottle.

ARMASHINE LIQUID GLASS CLEANER
Anti-fog formula cuts through road grime, oily dirt, dust, and smokers' film. Ideal for household applications.
Part No. 269, 725 ml spray bottle.

ARMASHINE CARPET & UPHOLSTERY CLEANER
Cleans and brightens the original texture and appearance of all types of carpets and upholstery. Ideal for pet stains.
Part No. 271, 725 ml spray bottle.

ARMASHELL PAINT & FIBREGLASS RECONDITIONER
Cleans and restores finish. Reconditioner uncovers the original hidden shine in one easy step.
Part No. 275, 500 ml bottle.

ARMASHELL CHROME CLEANER
Quickly cleans rusty, tarnished chrome to its original bright lustre.
Part No. 280, 500 ml bottle.

"BLACK" DASHBOARD CLEANER
"Black" is a revolutionary interior surface cleaner and protectant that gently penetrates and conditions. Formulated with premium anti-static ingredients, "Black" repels dust and film while leaving a pleasant lemon or wild cherry scent.
Part No. 291, 380 gram aerosol, Lemon.
Part No. 293, 380 gram aerosol, Wild Cherry.

ARMASHELL BLUE DIAMOND WAX
One step glaze cleans and beautifies automotive finishes. Restores showroom lustre with little rubbing.
Part No. 300, 500 ml bottle.

DEODORIZED BRAKE CLEANER
Deodorized, non-flammable, chlorinated brake cleaner that's also VOC free.
Part No. 303, 539 gram aerosol.

ODOUR KLEEN
Scientifically engineered all natural air freshener/neutralizer. Suitable as a vehicle air conditioning odour counteractant.
Part No. 306, 369 gram aerosol.

DISC BRAKE QUIET
Eliminates disc brake squeal caused by vibrations of the brake pad. Provides an extreme temperature and water resistant film of protection that dampens and absorbs chatter and vibration.
Part No. 311, 275 gram aerosol.

DISC BRAKE QUIET
Eliminates disc brake squeals caused by vibrations of brake pad.
Part No. 312, 118 ml bottle.

BRAKE & PARTS KLEEN
Instantly removes brake fluid, oil, grease, transmission fluid, brake dust, and other contaminants from all types of brake assemblies. Low odour.
Part No. 313, 390 gram aerosol.

NON-CHLORINATED BRAKE & PARTS CLEANER
Part No. 322, 4 litre bottle.
Part No. 323, 20 litre pail.

BRAKE & ELECTRICAL CONTACT KLEEN
Non-flammable. Instantly removes brake fluid, oil, grease, and brake dust. Suitable for air brake components. Non-conductive for cleaning electrical equipment such as alternators, switches, etc. No CFCs.
Part No. 325, 672 gram aerosol.
Part No. 327, 20 litre pail.

EZE-SLIDE BRAKE LUBRICANT
A silicone based brake lubricant designed to withstand extreme operational temperatures without melting.
Part No. 331, 170 gram tube.

BRAKE-IN
Revolutionary Brake-In prevents brake noise at the source. Effective on all brake systems. No drying time required. Temperature use range -100°C to 1000°C.
Part No. 333, 255 gram aerosol.

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SUPREME FUEL INJECTOR GAS LINE ANTIFREEZE & CONDITIONER
Two products in one. Cleans and protects the fuel system, plus absorbs moisture to prevent frozen gas lines.
Part No. 409, 150 ml bottle.
Part No. 412, 500 ml bottle.

UNIVERSAL GAS LINE ANTIFREEZE
With corrosion control. Prevents and thaws frozen gas lines. Absorbs water condensation in the gas tank.
Part No. 426, 150 ml bottle.

BATTERY KLEEN
Safely neutralizes sulphuric acid spills on skin, clothing, and battery box.
Part No. 445, 210 gram aerosol.

MUFFLER CEMENT
For repairs to old and installation of new systems. Grey paste-like consistency which adheres to exhaust parts to repair damaged mufflers or pipes as you drive. (The exhaust heat "sets" the cement within 30 minutes). Does not contain asbestos.
Part No. 450, 170 gram tube.

RUSTKLEEN RUSTPROOF
A ready-to-use rustproofing system in convenient aerosol can. Designed for use as an undercoat and for internal body protection.
Part No. 460, 570 gram aerosol.

KLEEN GASKET
Contains an adhesive to allow quick and easy assembly for even the heaviest gaskets. Withstands temperatures from -54°C to 260°C. Dyed red.
Part No. 465, 210 gram aerosol.

SILICONE GASKET MAKER
Makes any size, any shape in minutes. Helps make most cork or paper gaskets obsolete. Temperature range from -57°C to 260°C.
Part No. 470, Black - 85 gram tube.
Part No. 471, Black - 300 ml cartridge.
Part No. 472, Clear - 300 ml cartridge.
Part No. 478, Blue - 300 ml cartridge.
Part No. 476, Cartridge Gun for use with #471, 472, and 478.

HIGH TEMP SILICONE GASKET MAKER
Replaces cork, felt, rubber, paper, and asbestos gaskets. Resists oil, water, antifreeze, etc. Temperature range from -60°C to 315°C.
Part No. 474, Red - 85 gram tube.
Part No. 477, Red - 300 ml cartridge.
Part No. 476, Cartridge Gun - for use with #477.

QUIK GASKET
A full bodied, rapid cure elastomeric silicone specifically formulated to provide sensor-safe, leak proof gaskets. This non-corrosive design seals instantly while conforming to OEM spec's. Withstands repeated hot and cold cycles from -57°C to 260°C.
Part No. 479, 150 ml bottle.

2 CYCLE OIL
Superior "low ash" lubrication for two cycle engines requiring up to and including 50:1 gas/oil mixtures.
Part No. 501, 250 ml bottle.
Part No. 504, 500 ml bottle.

KF MAX INJECTOR OIL
A premium formulation ideal for use in high performance 2 cycle engines. Provides protection to -40°C. Meets API TC or NMMA TC-W3 requirements.
Part No. 505, 1 litre bottle.

KF MAX SYNTHETIC INJECTOR OIL
Premium blend designed for high performance 2 cycle engines. Outperforms conventional oils while reducing smoke and extending engine life. Provides protection to -40°C.
Part No. 506, 1 litre bottle.

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SAFE-T-BRAKE AIR BRAKE ANTIFREEZE
Designed to absorb condensation and ensure complete protection against frozen air lines on trucks, buses, and construction equipment. With anti-corrosive agents and lubricant.
Part No. 509, 950 ml bottle.
Part No. 510, 4 litre bottle.
Part No. 511, 20 litre pail.
Part No. 513, 205 litre drum.

NEW!

BRAKE FLUID DISPENSER PUMP
New version offers enhanced structural design changes allowing it to fit #529 4 litre brake fluid container.
Part No. 522.

DOT 3 SUPER HEAVY DUTY BRAKE FLUID
For drums, disc, and ABS braking systems.
Part No. 525, 350 ml bottle.
Part No. 527, 500 ml bottle.
Part No. 528, 1 litre bottle.
Part No. 529, 4 litre bottle.
Part No. 530, 20 litre pail.

DOT 4 SUPER HEAVY DUTY BRAKE FLUID
For drums, disc, and ABS braking systems under severe heat and extreme cold conditions.
Part No. 532, 350 ml bottle.

DOT 5 SILICONE BRAKE FLUID
Recommended for North American, European, and Japanese cars and light trucks, hydraulic brake systems on motorcycles, heavy duty vehicles over 10,000 GVAW, and trailer units. Reduces corrosion. For even braking over operating temperatures from -60°C to 315°C.
Part No. 535, 350 ml bottle.

AMR BRAKE FLUID
AMR (Advanced Moisture Resistance) Brake Fluid is designed for today's demanding drum, disc and ABS braking systems. Suitable for DOT 3 or DOT 4 requirements. Ideal for high performance requirements such as Audi, BMW, Porsche, SAAB, etc. Conforms to standard DMVSS 116.
Part No. 537, 500 ml bottle.

FLO-MATE DISPENSER
Patented gravity fed technology. Reservoir system allows for easy changes; efficient system allows for greater than 99% product usage. For use with #539 and #1079.
Part No. 538, Unit.

KLEEN-EZE HAND CLEANER WITH PUMICE
High power cleaner that leaves hands sparkling clean. Specially formulated with skin conditioners and emollients including lanolin.
Part No. 539, 3.8 litre can.

RUB 'N RINSE HAND CLEANER
Deep cleans the most stubborn professional grime.
Part No. 543, 3.5 litre pump bottle.

RUB 'N DRI WATERLESS HAND CLEANER
Gel hand cleaner effectively removes oil and grease bound dirt, paint, inks, epoxies, resins, without scrubbing. Contains lanolin.
Part No. 551, 400 gram can.
Part No. 554, 2 kg tub.
Part No. 557, 20 kg pail.
Part No. 559, Dispenser - plastic push type dispenser for use with #554.

ROADSIDE ASSISTANCE EMERGENCY TIRE SEAL
Non-flammable tire inflator that safely seals and inflates tires instantly without removing tire from car.
Part No. 566, 510 gram aerosol.

RIM SLIP TIRE MOUNTING LUBE
A lubricant to enable tires to be easily mounted and de-mounted from rims (wheels).
Part No. 571, 4 litre jug includes applicator.
Part No. 572, 20 litre pail.

GREASE TYPE TIRE MOUNTING LUBRICANT
Cuts down on installation time, prevents damage to rims and tire bead and provides stronger seal between tires and rims.
Part No. 574, 3.64 kg tub.
Part No. 575, 11.36 kg tub.

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GOLD PASTE TIRE MOUNT
Concentrated formula is ideal for mounting and demounting tires. Elminates squeaks on rubber mounting, chassis parts, insulating strips and pads.
Part No. 577, 11.36 kg pail.

POWER STEERING FLUID
For Honda and Acura vehicles. Protects power steering systems from pump wear, corrosion and foaming while providing smooth, quiet operation at various temperatures.
Part No. 580, 350 ml bottle.

POWER STEERING FLUID
Meets the service fill requirements of all North American car and truck manufacturers, plus many imports except Honda and Audi vehicles.
Part No. 583, 350 ml bottle.
Part No. 585, 500 ml bottle.
Part No. 586, 1 litre bottle.

LOCK DE-ICER
Thaws all types of locks and lubricates internal lock mechanism. Pocket size.
Part No. 612, 18 gram aerosol.
Part No. 615, 35 ml bottle.

ENGINE FLUSH
Concentrated, works in 5 minutes. Thoroughly cleans crankcase prior to adding fresh oil. Cleans clogged screens, removes piston varnish, and crankcase sludge.
Part No. 637, 350 ml bottle.

PRESSURE WASH 639
Cleans cars, trucks, buses, boats, aircraft, engines, etc. Soluble in water, non-flammable, non-toxic, will not irritate skin.
Part No. 639, 22.7 kg drum.

ACE PUMP SPRAYER
Economically dispenses brake cleaners, degreasers, parts cleaners, etc.
Part No. 640, 710 ml Sprayer.

SURE SHOT SPRAYER
Refillable, rechargeable atomizer. Eliminates aerosol disposal problems.
Part No. 641, Sprayer.

MULTI-PURPOSE SPRAYER
For engine shampoo.
Part No. 642, 1.9 litre.

ENGINE SHAMPOO
Safely and rapidly cleans and shampoos trucks, cars, construction, marine, and motorcycle engines to improve engine appearance and efficiency. For larger areas use #643 Booster Sprayer.
Part No. 645, 4 litre can.
Part No. 646, 20 litre pail.
Part No. 649, 205 litre drum.
Part No. 643, Engine Shampoo Booster Sprayer.

CARBURETOR & METAL PARTS CLEANER
Cleans finely machined metal parts without requiring complete disassembly. Simply soak the part and then rinse with with water.
Part No. 651, 4 litre can.
Part No. 652, 9.1 litre pail.
Part No. 653, 20 litre pail.
Part No. 656, Dip Basket for use with #652.
Part No. 657, Dip Basket for use with #653.

PWD
Loosens, lubricates, protects, drives out moisture.
Part No. 660, 312 gram aerosol.

PWD WITH PTFE
Non-flammable. Stop squeaks, frees sticking parts, loosens, lubricates, protects, and drives out moisture. Prevents corrosion to: battery terminals, chrome tools, etc.
Part No. 661, 500 gram aerosol.

IGNITION KLEEN
An easy, convenient aerosol spray which moisture-proofs ignition systems on automobiles, power lawnmowers, snowmobiles, etc.
Part No. 670, 210 gram aerosol.

KLEEN CARB
A blend of powerful solvents designed to completely mix with gasoline to thoroughly clean carburetor jets, removing varnish and gum coatings while you drive.
Part No. 675, 395 ml bottle.

POWER STEERING FLUID & SEALER
For total filling or top-up of power steering systems.
Part No. 684, 350 ml bottle.
Part No. 685, 500 ml bottle.

TKO TRANSMISSION KIT
2 step process. Cleans gum and varnish from transmissions, neutralizes deposits, conditions and restores seals and has excellent anti-oxidation properties.
Part No. 689, 2 x 350 ml bottle.

AUTOMATIC TRANSMISSION SEALER & CONDITIONER
Add directly to automatic transmissions to stop fluid leaks.
Part No. 690, 350 ml bottle.

INJECTOR KLEEN
Cleans and protects fuel injector system. Contains no methyl hydrate. Reduces exhaust emissions, cleans intake valves, etc. Oxygen, catalytic converter, and turbo charger safe.
Part No. 695, 395 ml bottle.

NITRO-KLEEN
Protects against valve seat wear in engines designed for leaded fuel. Also recommended for marine and RV engines.
Part No. 697, 395 ml bottle.

KLEEN VALVES & LIFTERS
Added to the crankcase, this product rapidly dissolves the oil varnish which is often responsible for causing valves and lifters to stick.
Part No. 700, 325 ml bottle.

ENGINE SEAL
Stops minor oil leaks. Revitalizes dried out and glazed rubber seals, gaskets, and o-rings enabling them to reseal the engine.
Part No. 702, 350 ml bottle.

OIL MAX SUPPLEMENT
Improves fuel efficiency by reducing internal engine friction. Compatible with diesel and gasoline engine oils.
Part No. 704, 350 ml bottle.

OIL TREATMENT
A concentrated synthetic crankcase oil additive for oil burning, exhaust smoking, low oil pressure, etc.
Part No. 705, 450 ml bottle.

TEN MINUTE RAD FLUSH
Rapidly removes rust deposits, greasy sludge and scale from cooling system in ten minutes.
Part No. 708, 450 ml bottle.

COOLING SYSTEM TREATMENT
Revives the rust protective agents of antifreeze and lubricates water pump to stop pump squeaks.
Part No. 709, 450 ml bottle.

COOLING SYSTEM SEALER & CONDITIONER
A homogenized liquid sealant that mixes rapidly with radiator solutions to seal leaking radiators.
Part No. 711, 250 ml bottle.

RADIATOR FLUSH
Removes scale, rust, grease, and dirt deposits. Contains corrosion inhibitor that remains in the radiator to prevent future corrosion; and anti-oxidant to counteract pitting. Suitable for cool-ant flushing machines.
Part No. 713, 450 ml bottle.

RAD SEAL, RADIATOR STOP LEAK
A powdered metallic sealer that instantly seals leaks in radiators, motor blocks, cylinder heads, and freeze plugs. Safe for aluminum.
Part No. 714, 21 gram can.

Chemicals

KLEEN-START STARTING FLUID
A priming fluid formulated to spray at extreme sub-zero temperatures. Effective to -53°C. Designed to fit all standard injection brackets. Contains an upper cylinder lubricant to reduce dry-start engine wear.
Part No. 730, 221 gram aerosol.

CE STARTING FLUID
Designed to fit all standard injection brackets. Contains an upper cylinder lubricant to reduce dry-start engine wear.
Part No. 735, 221 gram aerosol.

KLEEN-SLIP SILICONE GREASELESS LUBRICANT
A non-staining, greaseless lubricant in a handy aerosol. Many uses around the home, car, etc.
Part No. 740, 210 gram aerosol.
Part No. 742, 350 gram aerosol.

DRIVE BELT KLEEN
Stops belt slippage and squeal. Increases power delivery due to low-slip ingredients.
Part No. 762, 450 gram aerosol.

TKO FRICTION SHIELD ENGINE TREATMENT
Reduces friction, oil acidity and wear in gas or diesel engines.
Part No. 777, 475 ml bottle.

ICE MELTER/QUICK MELT
Quickly eliminates ice and snow from steps, sidewalks, driveways, parking lots, runways, and roads. Not harmful to plants, shrubs, or grass.
Part No. 782, 2.7 kg tub.
Part No. 781, 6.81 kg tub.
Part No. 784, 20 kg pail.
Part No. 785, 40 kg pail.

KLEEN STOR ENGINE FOGGING OIL
Provides superior protection for seasonal and extended motor storage. Suitable for all internal combustion engines including cars, trucks, boats, motorcycles, garden tractors, snowmobiles, snowblowers, lawn mowers, chain saws, personal watercraft and all 2 cycle and 4 cycle engines.
Part No. 789, 340 gram aerosol.

FUEL STABILIZER
Keeps fuel fresh during extended storage for easier starting in the next season. Good for all grades of gasoline. Ensures stability for 1 year.
Part No. 790, 350 ml bottle.

NEW!!

KLEEN-STOR KIT
A unique shrink wrapped combo with a 60 gram Engine Storage/Fogging oil spray can and a 150 ml Fuel Stabilizer additive for the fuel tank. The Kleen-Stor Kit is designed as a single use application for cars, trucks, boats, motorcycles, and snowmobiles. It can also be used in chainsaws, augers, cement mixers and or any gas driven equipment that may be stored over a season. Suitable for all 2 and 4-cycle engines.
Part No. 791.

DIESEL INJECTOR KLEEN
Reduces gum and deposits on diesel fuel injectors, prevents fuel system corrosion, lubricates and protects injectors and pumps, etc.
Part No. 795, 395 ml bottle.
Part No. 796, 1 litre bottle.

HONEY GOO ALL PURPOSE PENETRATING LUBRICANT
Thanks to the help of the Bumble Bee, this multi-purpose marvel penetrates, inhibits rust, protects, lubricates, prevents oxidation, repels water, displaces moisture, undercoats, and much more.
Part No. 800, 330 gram aerosol.

QUIK PENETRATING SOLVENT
Professional strength penetrating fluid "eats" through rust, paint, and corrosion to loosen bolts, nuts, screws, and pipe threads.
Part No. 807, 285 gram aerosol.

ANTI-SEIZE & SEALING COMPOUND
Prevents seizures of all threaded parts caused by heat, corrosion, friction, rust, etc.
Part No. 810, 275 gram bottle.

TEF-LUBE 2000
Transparent heavy duty PTFE penetrating gel. A high pressure lubricant with high adhesive strength. Resists water washout, prevents rust and corrosion.
Part No. 813, 460 gram aerosol.

GAS TREATMENT
Improves mileage by helping to maintain a clean combustion chamber. Lubricates upper cylinder. Will not promote rust in fuel system.
Part No. 815, 395 ml bottle.

CHOKE & CARB KLEEN
Powerful, concentrated carburetor cleaner rapidly removes fuel gum and varnish to maximize gasoline economy and performance.
Part No. 820, 404 gram aerosol.

COMBUSTION CHAMBER KLEEN
Designed for sluggish engines; purges carbon, gum, varnish, sludge from internal parts. Oxygen sensor and catalytic converter safe.
Part No. 822, 475 gram aerosol.

ENGINE KLEEN
Easy to use, just spray on, hose off. Will not affect rubber, metal, plastic, or painted surfaces.
Part No. 824, 454 gram aerosol.

FOAMY KLEEN
Heavy duty engine shampoo's foamy ingredients actively remove dirt, grease, oil, and grime from even the hardest to reach spots.
Part No. 825, 454 gram aerosol.

EMISSION CONTROL KLEEN
Reduces carbon monoxide, nitrous oxide, and hydrocarbon emission. For all fuel injection and carburetor systems, all types of gasoline powered vehicles.
Part No. 829, 395 ml bottle.

TKO - TOTAL KOMBUSTION OVERHAUL
Knock out combustion chamber deposits; clean entire air intake system; restore engine performance; reduce exhaust emissions; stop engine knock and run-on; restore smooth idling. All this can be done with this complete kit which contains one of each: •combustion chamber and intake valve cleaner •fuel injector cleaner •engine antacid •air intake system cleaner
Part No. 830, Overhaul Kit.
Part No. 831, Application Kit for use with #830 .

TKO 2000
An extremely concentrated formula that provides rapid clean-up of fuel injector, intake valve and combustion chamber deposits. Restores and protects.
Part No. 835, 475 ml bottle.

AIR INTAKE KLEEN
Safely cleans and flushes out any dirt in the air intake system. Cleans, lubricates, prevents corrosion. Oxygen, aluminum, catalytic converter safe.
Part No. 837, 418 gram aerosol.

FUEL SYSTEM KLEEN
Powerful formula to flush away gummy deposits that build up on fuel injector tips, causing hesitation, poor fuel economy, uneven idling, and stalling.
Part No. 839, 340 gram aerosol.
Part No. 840, Fuel System Kleen Kit for use with #839 - includes various fittings for most vehicles, comes complete with instruction manual.

WASH 'N WAX LIQUID
Liquid shampoo and waxing system designed originally for the professional car wash operators. Dries without spotting or streaks.
Part No. 851, 455 ml bottle.
Part No. 852, 4 litre bottle.
Part No. 853, 20 litre pail.
Part No. 856, 205 litre drum.

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GLASS KLEEN
Concentrated, all purpose glass cleaner.
Part No. 885, 550 gram aerosol.

TKO DIESEL
For injector clean-up, restored power, reduced emissions and improved fuel economy.
Part No. 888, 475 ml bottle.

WHITE GREASE
Based upon high melting point sulphide systems designed to resist water washout and severe duty use. Suitable wherever No. 2 grease is specified. Excellent for boat trailer wheel bearings.
Part No. 907, 225 gram tube.
Part No. 909, 400 gram cartridge.
Part No. 914, 450 gram aerosol can.

#1 HYDRAULIC OIL
Winter grade, ISO 32, clear.
Part No. 918, 20 litre pail.

#2 HYDRAULIC OIL
Summer grade, ISO 68, clear.
Part No. 919, 20 litre pail.

HYDRAULIC JACK OIL
Paraffinic formulation for car hoists, jacks, dump trucks, etc. Retards rust and oxidation within the hydraulic system.
Part No. 924, 1 litre bottle.
Part No. 925, 4 litre bottle.

HYDRAULIC OIL
For industrial use only. Contains anti-foam and anti-friction additives. Meets or exceeds ISO specifications.
Part No. 930, No. 1, ISO 32 (winter grade), 20 litre pail.
Part No. 929, No. 1, ISO 32 (winter grade), 205 litre drum.
Part No. 931, No. 2, ISO 68 (summer grade), 20 litre pail.
Part No. 932, No. 2, ISO 68 (summer grade), 205 litre drum.
Part No. 933, No. 3, ISO 46, (summer grade), 20 litre pail.
Part No. 934, No. 3, ISO 46, (summer grade), 205 litre drum.
Part No. 935, ISO 22, (summer grade), 20 litre pail.
Part No. 936, ISO 22, (summer grade), 205 litre drum.
Part No. 937, ISO 100, 20 litre pail.

TDH OIL
Super Universal Tractor Oil can be used in the hydraulic/transmission/wet brake systems of a wide variety of farm tractors and implements. Extreme pressure protection.
Part No. 941, 20 litre pail.

NEW!!

1 SHOT DIESEL LUBRICANT
Is a Ultra Low Sulphur Diesel approved additive which will boost lubricity, reduce emissions, and offers "Cold Filter Plugging Protection". Alcohol free. Treats 75 litres of diesel fuel at one time.
Part No. 952, 195 ml bottle.

DIESEL LUBRICANT
All season, low sulphur, provides superior lubricity and anti-wear protection for diesel engines. Lowers the pour point of diesel fuel and helps disperse water. Alcohol free, decreases engine smoke, increases power, and contains excellent corrosion properties.
Part No. 953, 1.92 litre container (treats up to 3000 litres).

LOW SULPHUR DIESEL FUEL CONDITIONER
Restore lost lubrication to fuel injectors and pumps. Prevents freezing and icing of fuel lines and filters. Prevents gelling down to -45°C. Methyl hydrate free.
Part No. 963, 1 litre can.
Part No. 964, 4 litre can.
Part No. 965, 20 litre pail.
Part No. 966, 205 litre drum.

LOW SULPHUR DIESEL FUEL ANTIGEL WITH CONDITIONER
With all the properties of #963 Low Sulphur Diesel Fuel Conditioner.
Part No. 973, 1 litre can.

ACE METHYL HYDRATE
100% pure. For fleets, gas stations, etc.
Part No. 984, 1 litre bottle.
Part No. 985, 4 litre bottle.
Part No. 986, 20 litre pail.
Part No. 989, 205 litre drum.

DIESEL FUEL CONDITIONER
A powerful solvent system designed for diesel fuel to attack varnish and sludge. Keeps injectors clean, reduces corrosion, prevents stalling and frozen fuel lines, retards wax formation. (100 ml treats up to 227 litres) Contains anti-gel properties.
Part No. 991, 150 ml bottle.
Part No. 992, 500 ml can.
Part No. 993, 1 litre can.
Part No. 994, 4 litre can.
Part No. 995, 20 litre pail.
Part No. 998, 205 litre drum.

MEGA KLEEN HAND CLEANER
With pumice. Contains lanolin and helps prevent chapping and skin dryness. Removes grease, paint, tar, carbon, etc.
Part No. 1079, 3.8 litre can.

GARAGE FLOOR KLEEN
An effective powdered detergent mixture that cleans grease, oil, and dirt off concrete floors, garage floors, machine shops, factory floors, etc. Safe on asphalt.
Part No. 1200, 11 kg pail.

ARMASHELL GOLDEN WAX WASH POWDER
Maximum concentration shampoo/wax combination powder to clean and wax in one step. Fortified with detergents selected for strength and versatility, in service station and mobile vehicle washing systems.
Part No. 1224, 3.6 kg can.
Part No. 1226, 13.6 kg tub.

STEAM CLEANING COMPOUND
Highly concentrated, non-caustic, with excellent wetting qualities.
Part No. 1527, 20 litre pail.
Part No. 1529, 205 litre drum.

SILICONE POLISH REMOVER
Extra strength professional formulation. One generous application dissolves wax, polish, grease, and silicone.
Part No. 2745, 4 litre can.
Part No. 2747, 205 litre drum.

SPRAY UNDERCOAT & RUST RETARDER
Ideal for touch-ups in wheel wells as well as total body protection. Synthetic rubber formulation dries in 20 minutes.
Part No. 2783, 550 gram aerosol.

PAINTABLE RUBBERIZED UNDERCOATING
Fast drying paintable rubberized undercoating which is exceptionally resistant to abrasions.
Part No. 2785, 550 gram aerosol.

BLACK RUSTPROOFING
Superior protective rust inhibitor for both new and used vehicles. Will not run, drop, or sag at elevated temperatures. Ideal for the underside of vehicles
Part No. 3000, 4 litre bottle.
Part No. 3001, 20 litre pail.
Part No. 3002, 60 litre pail.
Part No. 3003, 205 litre drum.

AMBER RUSTPROOFING
Super protective rust inhibitor protects against rust, salt, and corrosion. Can be used anywhere on the vehicle and is highly resistant to heat with a threshold over 100°C.
Part No. 3010, 4 litre bottle.
Part No. 3011, 20 litre pail.
Part No. 3012, 60 litre pail.
Part No. 3013, 205 litre drum.

RUSTPROOFING GUN & WAND KIT
Consists of: 1 rust inhibitor applicator gun; 1 quick coupler; 1 46" 360° flexible wand; 1 46" 30° flexible wand; 1 pressure pot.
Part No. 3020, Kit.
Part No. 3021, 48" door wand for use with #3020.
Part No. 3022, Pressure pot for use with #3020.

kleen-flo

KLEEN-FLO
Chemicals

AIR TOOL OIL
Special formula engineered for the maintenance of all piston-type and rotary air tools. Ensures longer tool life and smoother starting by dissolving gums and sludge.
Part No. 4168, 4 litre bottle.
Part No. 4169, 500 ml bottle.

COOL-TRAK COOLANT TEST STRIPS
Will test: Freeze point/boil point; coolant pH level.
Part No. 6500, 1 bottle of 50 test strips.

NEW!!

BRAKE FLUID TEST STRIPS
Recognizes the age of brake fluid, levels of amines, thermal oxidation catalysts and fluid contamination. This complete analytic tool is the only method recognized by the Motor Assurance Program. Determine in seconds the rating of the brake fluid, and visually show the condition of that fluid to the customer and therefore recommend that the fluid be flushed out and changed.
Part No. 7500, Bottle of 100 test strips.

kleen-flo

AGS™
Specialized Lubricants

AIR COMPRESSOR OIL
Part No. AC-12, 355 ml bottle.
Part No. AC-17, 947 ml bottle.
Part No. AC-18, 3.78 litre jug.
Part No. AC-20, 18.92 litre pail.

AIR TOOL OIL
Part No. ATC-4, 100 ml bottle.
Part No. ATC-12, 355 ml bottle w/ applicator.
Part No. ATC-17, 947 ml bottlew/ applicator.

AIR TOOL ANTI-FREEZE LUBRICANT
Part No. ATA-12, 355 ml bottle w/ applicator.
Part No. ATA-17, 947 ml bottle w/ applicator.

OVERHAUL ASSEMBLY GREASE
Part No. AS-8, 227 gram tube.
Part No. AS-12, 355 ml bottle w/ applicator.
Part No. AS-35, 15.9 kg pail.

BELT-EASE® DRESSING
Part No. BDC-6, 113.4 gram aerosol can.

BRAKE LUBRICANT
Part No. BKC-3, 19.84 gram tube - carded.
Part No. BK-4, 113 gram tube.
Part No. BK-8, 226 gram tube.
Part No. BK-12, 341 gram tub.

CONNECTOR PROTECTOR - DIELECTRIC COMPOUND
Part No. CP-4, 113 gram.

DIELECTRIC SILICONE
Part No. DS-1, 36 gram tube - carded.
Part No. DS-4, 113.5 gram tube - carded.

DOOR-EASE®
Part No. DKC-3, Shop sized tube - stainless stick lubricant - carded.
Part No. DOC-4, 100 ml bottle - dripless oil.

GARAGE DOOR LUBRICANT
Part No. GLC-1, 36 gram tube.

HITCH BALL LUBRICANT
Part No. HB-4, 113 gram tube.

LITH-EASE® - WHITE LITHIUM GREASE
Part No. WLC-1, 36 gram tube - carded.
Part No. CY1, 12 gram stick - carded.
Part No. WL-8, 227 gram tube.
Part No. WL-14, 411 gram cartridge.
Part No. WL15, 454 gram can.
Part No. WLC-16, 454 gram aerosol can.

LOCK-EASE® - GRAPHITED LOCK FLUID
Part No. LEC-4, 100 ml bottle.
Part No. LEC-5, 85 gram aerosol can.

MR. ZIP® LOCK DE-ICER
Part No. MZC-1, 15 ml tube - carded.

MR. ZIP® EXTRA FINE GRAPHITE
Part No. MZC-2, 6 gram tube - carded.
Part No. MZ-21, 50 gram "puffer" gun.

MR. ZIP® KABLE-EASE CABLE LUBRICANT
Part No. MZC-4, 14.8 ml tube - carded.

POWER STEERING FLUID
Part No. PS-17, 947 ml bottle.
Part No. PS-18, 3.78 litre jug.

QUICK-LIFT™ - SNOW PLOW HYDRAULIC FLUID
Part No. QL-17, 947 ml bottle.
Part No. QL-18, 3.78 litre jug.

RU-GLYDE - TIRE MOUNT & RUBBER LUBRICANT
Part No. RGC-18, 3.78 litre jug.
Part No. RGC-20, 18.92 litre pail.

RU-GLYDE®II - TIRE LUBRICANT CONCENTRATE
Part No. RGT-18, .76L in 3.78 litre jug.

SIL-GLYDE® - HIGH STRENGTH LUBRICATING COMPOUND
Part No. SG-4, 113 gram tube.
Part No. SG-8, 227 gram tube.

SILICONE BRAKE FLUID - DOT 5
Part No. SBF-12, 325 ml bottle.
Part No. SBF-17, 946 ml bottle.

SPARK PLUG PROTECTOR
Part No. SPC-2, 35.43 gram tube - carded.
Part No. SP-4, 113.4 gram tube.

STORE IT... START IT™ GAS STABILIZER
Part No. GSC-7, 178 ml can.
Part No. GS-20, 591 ml can.

ROUGH SERVICE BULB - 50 WATT
Part No. RS-12-50, 12 volt.

AGS LINE®

Year Round Performance Enhancing Diesel Treatments

FUEL POWER - ORIGINAL FORMULA

Formulated to totally disperse water, control bacteria growth, and clean and lubricate the entire fuel injection system. Fuel Power prevents icing in fuel and controls waxing and gelling. It also increases combustion for greater efficiency, which means more power and increased fuel economy. Fuel Power is compatible with all grades of fuel and can be used year round. Contains no alcohol.

PART NO.	DESCRIPTION	TREATS (Gallons)	CASE QUANTITY
00100	8 oz. bottle	240	24
00101	1 US gallon bottle	3840	4
00102P	5 US gallon pail	19,200	1

RV/BUS/SUV FUEL TREATMENT

RVs, buses, SUVs, many Class 5 and 6 trucks, farm equipment, pick-up trucks, and automobiles with smaller fuel tanks require an additive formulated and packaged for them. This product is designed to deliver a full range of benefits at the right treatment ratio in a convenient, economical package.

00355	12 oz. bottle	60	12

FUEL POWER - PLUS LUBRICITY

Year round diesel fuel treatment that combines the benefits of Fuel Power and a lubricity additive that exceeds the ASTM BOCLE standards. Helps prevent rotary fuel pump wear and piston fuel pump wear, reduces pintle scoring, and improves engine starting. Contains no alcohol.

00105	32 oz. bottle	250	12
NEW!! *New Size!* 00401	1 US gallon pail	1000	4
00112P	5 US gallon pail	5000	1

LUBRICITY 100% ADDITIVE

Formulated to increase the lubricity of Diesel Fuel, Jet A Fuel (as well as NATA F-35, F-34 (JP-8) and JP-8+100) Turbine Fuels and Kerosene type fuels used in Diesel Engines and Diesel ground support equipment (GSE). Low lubricating fuels, when used in diesel engines, cause problems related to the lubricity or the slip of the fuels. Problems related to premature wear in fuel pumps, both in-line and rotary as well as the pintle in the injectors can be totally eliminated with the use of FPPF Lubricity 100%. Typical problems include hard starting, engine chatter, engine shut-down, loss of power and premature pump and injection system wear.

00604	16 oz. bottle	200	12
00503	5 US gallon pail	8000	1

DIESEL INJECTOR CLEANER

Diesel Injector Cleaner adds lubricity to the entire fuel injection system, and removes varnish, shellac, and carbon from injector tips. It shows immediate improvement in emissions by increasing fuel economy, engine performance and horse power. Exceeds L-10 and N-14 standards.

00212	32 oz. bottle	250	12
00213P	5 US gallon pail	5000	1

LIQUID MUSCLE™

All season additive will increase fuel mileage; increase power and engine performance; clean injectors and keep them clean with regular use; improve fuel lubricity (with soy oil); prevents fuel gelling.

50899	64 oz. bottle	750	6

FLEET FORMULA™ DIESEL FUEL TREATMENT (YEAR ROUND FORMULA)

All diesel fuel contains a percentage of water. Water can damage injectors by scoring the pintles. Water creates gum and varnish, causes corrosion and promotes the growth of harmful bacteria in your fuel system. Fleet formula, containing FPPF Fuel Power and other additives, is a highly concentrated custom blend of organic compounds proven to: •Remove water •Stabilize fuel •Clean pumps and interiors.

90393	1 US gallon jug	up to 7500	4

Premium Performance Products For Winter

POLAR POWER

This unique formulation combines all the benefits of Fuel Power with the most advanced cold flow improver on the market. Polar Power lowers the pour point and cold filter plug point. Contains wax dispersant and seed crystal modifier. Contains no alcohol.

00106	32 oz. bottle	250	12
00108P	5 US gallon pail	5000	1

FPPF's Polar Power and Total Power both provide you the best antigel system on the market today—a true water absorber to greatly reduce the chance of fuel icing and a lubricity improver. Both Polar Power and Total Power now have lubricity additive to prevent pump and fuel system damage from ultra low sulphur diesel.

TOTAL POWER

Total Power is the ultimate winter diesel fuel treatment. It is a combination of Fuel Power, Polar Power, Diesel Injector Cleaner, Cetane 8 +, and includes a lubricity additive and anti-gel. Lowers the pour point. Total Power meets L-10, N-14, and ASTM BOCLE standards. Contains no alcohol.

00343	32 oz. bottle	250	12
00344P	5 US gallon pail	5000	1

FLEET FORMULA™ DIESEL FUEL TREATMENT (WINTER FORMULA)

Completely removes water to prevent icing. Powerful anti-gel lowers cold filter plug point and cloud point. Seed crystal modifier prevents wax from gelling fuel. Provides these benefits: •Cleans injectors •Adds lubricity •Prevents bacterial growth •Improves fuel mileage •Stabilizes fuel •Treatment ratio depends on outside temperature.

90225	1 US gallon jug	7500/1500	4

MELT-DOWN

This emergency road treatment is specifically formulated to dissolve gelled fuel back into solution and return the flow in approximately 20 minutes. Will not harm precombustion components or fuel pump injectors, and is compatible with all types of fuel.

00124	32 oz. bottle	50	12
00330	1 US gallon bottle	200	4

Miscellaneous Products & Conditioners

8 PLUS CETANE IMPROVER

8 Plus will raise the cetane level of your fuel providing faster starting, reduced engine noise, reduced smoke and particulates, and increased power and acceleration. Increased cetane - Increased efficiency.

00188	32 oz. bottle	250	12
00122P	5 US gallon pail	5000	1

Fuel Additives & Miscellaneous Chemicals

Miscellaneous Products & Conditioners

ABC AIR BRAKE CONDITIONER

Protects all air brake systems and helps prevent freeze-ups. There are no ingredients or residues to corrode brake line systems. ABC contains pure methanol.

PART NO.	DESCRIPTION	TREATS (Gallons)	CASE QUANTITY
00157	32 oz. bottle	n/a	12
00158	1 US gallon jug	n/a	4

SLUDGE-BE-GONE OIL TREATMENT

Formulated to eliminate sludge and water. SBG's specially formulated chemical base dissolves the sludge into a combustible substance in such a way as not to clog nozzles, while assuring clean filters and strainers. Helps to improve atomization and will provide a more efficient combustion.

00342	32 oz. bottle	1000	12
00359P	5 US gallon pail	20,000	1

HOT 4 IN 1 HEATING OIL TREATMENT

A concentrated Heating Oil Treatment that provides superior winter and year round protection for outside, inside and underground storage tanks. Disperses water and controls waxing and gelling; improves combustion and helps stabilize fuel; removes varnishes from pumps and filters. Prevents corrosion in the entire fuel system and cleans burner tips. Provides for cleaner burning, less smoke, and a cleaner flame. Prevents sludge and slime and removes microbes and fungi growth.

00161	16 oz. bottle	275	24
00164	1 US gallon jug	2200	4

AGRI FUEL TREATMENT

Specially formulated for diesel and gasoline machinery in the ag industry. Increases cetane up to 2 numbers; controls bacteria growth; lubricates entire fuel system. Provides faster warm-ups and acts as a combustion catalyst. Reduces downtime and extends life of equipment. Meets N-14 specifications. Stabilizes fuel year round and increases fuel mileage up to 14.6%. Reduces emissions.

00351	32 oz. bottle	375	12
00352P	5 US gallon pail	7500	1

4000 COOLING SYSTEM TREATMENT

A concentrate utilizing today's technology to create a combination corrosion inhibitor and scale dispersant specifically designed to maintain heat transfer in all closed cooling systems. By removing existing scale, eliminating foaming, and reducing cavitation, 4000 improves the efficiency, decreases the potential for overheating and extends the engine life. It is non-toxic, non-corrosive, and will not affect gaskets and hoses, and is compatible with all types of antifreeze including Glyclean.

00149	16 oz. bottle	8	12
00150P	5 US gallon jug	320	1

DIESEL ENGINE TREATMENT

Provides protection against thermal breakdown of engine oil. Reduces engine deposits as well as valve and piston ring friction and sticking. Decreases oil consumption in older engines and neutralizes acids.

90368	32 oz. bottle	3	12

Gasoline Treatments & Cleaners

GAS TREATMENT

Formulated to treat all grades of gasoline as well as gasohol blends. Totally dispersing water, Gas Treatment prevents carburetor icing and rusting in the system. It removes gums, carbon, and varnish from internal engine parts; causing improved combustion, greater acceleration, and increased mileage. It also eliminates rough idle, pre-ignition and hesitation, without harm to catalytic converters.

PART NO.	DESCRIPTION	CASE QUANTITY
00189	12 oz. bottle (treats 30 gal.)	12
00146P	5 US gallon pail (treats 1600 gal.)	1

OCTANE BOOSTER

Specially formulated to raise the octane 5+ numbers, cleans fuel injection systems and provides increased power and acceleration. Contains no harmful alcohols and can be used with any grade of gasoline.

00140	12 oz. bottle (treats 30 gal.)	12

FREE IT! PENETRATING OIL & LUBRICANT

This oil penetrates deeply and lubricates to loosen rusted, corroded and frozen parts. Use this versatile lubricant on nuts, bolts, locks, clamps, linkages and any other metal parts that are exposed to moisture and contaminants.

00127	16 oz. aerosol	12

BIG RED MULTI-PURPOSE LUBRICANT

This product sprays out as a thin, penetrating liquid and sets as a thick, red grease. It withstands temperatures to 500°F and resists "throw-off" from moving parts. Resists rust, water, and acids.

00125	16 oz. aerosol	12

COMPLETE GLASS CLEANER

This powerful aerosol is a "streakproof" formula that cuts through really tough dirt — effortlessly. Use to clean windows, tile, porcelain, stainless steel, chrome, glass tables, even automobile windshields. This is an anti-fogging, ammonia fortified product that will leave surfaces sparkling clean without residue.

00128	20 oz. aerosol	12

BATT 1000 BATTERY CLEANER & PROTECTOR

Formulated to penetrate and emulsify dirt, grease and corrosive deposits to protect and lengthen the life of your battery. It guards against corrosive salt water areas and helps preserve the battery's power in cold temperatures and under other severe conditions.

00126	20 oz. aerosol	12

Gasoline Treatments & Cleaners

FPPF "3" MULTI-PURPOSE SOLVENT

Specially formulated using virgin solvents. Will not leave behind an oily film or stain fabric. Can be used in body shops, prep dept. and service and parts departments. No CFCs, 100% VOC. Superior performance and seat belt friendly.

PART NO.	DESCRIPTION	CASE QUANTITY
00130	375 g aerosol	12

TRUCK WASH HEAVY DUTY CLEANER

Concentrated truck and trailer wash and cleaner designed to remove all types of grime, dirt, road film, and grease from all surfaces. Safe for use on all painted, rubber, aluminum, and stainless steel finishes. Can be used with pressure washers and automatic systems, or can be applied by hand.

00361	1 US gallon jug	4
00362P	5 US gallon jug	1

TRAILER BRIGHTENER METAL CLEANER

Highly concentrated acid wash and cleaner that cleans all aluminum and stainless steel surfaces. It will remove oils, greases, carbon and oxidation, restoring a bright new appearance. Can be used with hot or cold water and can be used with pressure automatic equipment or applied by hand.

00356	1 US gallon jug	4
00357P	5 US gallon jug	1

NOFLASH NU PRECISION CONTACT CLEANER

•Patented •Non-flammable precision cleaning •Unique alternative to HCFC cleaners •Non-conductive •Fast evaporating •Quick penetration •No residue •Safe to use on most surfaces •Can be sprayed in an upright or inverted position

Part No. C04015, 425 gram aerosol.

NOSPARK ELECTRICAL CLEANER

•Patented •Non-flammable •Plastic safe •Does not contain HCFCs •Fast evaporating •Quick penetration •No residue •Non-conductive

Part No. C04816, 397 gram aerosol.

PSC PLASTIC SAFE CLEANER

•Formulated for contact cleaning •Non-flammable •Non-conductive •No residue •Displaces moisture •Fast evaporating •Inverta spray valve allows one to spray in an upright or inverted position

Part No. C04620, 511 gram aerosol.

ELECTRO CONTACT CLEANER

•Non-flammable •Fast evaporating •Safe on plastics •Quick penetration •Non-conductive •Does not contain HCFCs •Ideal for electrical/electronic fine parts •Removes light greases, oils, dirt, and organic soils •No residue

Part No. C00416, 397 gram aerosol.

ELECTRA-X NON-FLAMMABLE CONTACT CLEANER

•Non-flammable •Non-conductive •No residue •Displaces moisture •Fast evaporating •Quick penetration •Inverta spray valve allows one to spray in an upright or inverted position

Part No. C00816, 397 gram aerosol.

EMPTY TRIGGER SPRAY BOTTLE

Part No. C09120, 567 gram.

QB PRECISION DUSTER

•Quick blast precision duster removes contaminants, dirt, dust and other soils •Excellent for use on electronics and delicate mechanisms •Non-flammable •Safe on plastic •No residue •Moisture free

Part No. C05710, 284 gram aerosol.

POWERBLAST DUSTER

•Twice the spray power of typical dusters •Superior cleaning ability •Excellent for cleaning delicate parts and electronic components in hard to reach areas •Non-flammable •Safe on plastics •No residue •Moisture free •Non-abrasive •Odourless

Part No. C05712, 284 gram aerosol.

CFC FREE ELECTRO CONTACT CLEANER

•Fast evaporation •No residue •Low odour •Non-conductive •Does not contain HCFCs •Safe on plastics •Can be sprayed in an upright or inverted position

Part No. C03116, 312 gram aerosol.
Part No. C03101, 3.78 litre can.
Part No. C03105, 18.93 litre pail.
Part No. C03155, 208 litre drum.

MICRO-X FAST EVAPORATING CONTACT CLEANER

•Fast evaporation •Quick penetration •No residue •Low odour •Does not contain HCFCs •Safe on plastics •No rinsing •Can be sprayed in an upright or inverted position

Part No. C04516, 312 gram aerosol.
Part No. C04555, 208 litre drum.

ELECTRO 140° CONTACT CLEANER

•Flash point above 140°F (60°C) •Superior wetting and penetrating action •Controlled evaporation •No residue •Non-conductive •Safe to use on most surfaces •Does not contain HCFCs •Can be sprayed in an upright or inverted position

Part No. C00916, 312 gram aerosol.
Part No. C00922, 591 ml trigger.
Part No. C09128, 3.78 litre jug.
Part No. C00905, 18.93 litre pail.
Part No. C00955, 208 litre drum.

REVO 66 NEW ALTERNATIVE CONTACT CLEANER

•Does not contain HCFCs or 1-bromopropane •Fast drying •Revo 66 is a moderate to heavy-duty electrical contact cleaner that is non-flammable with low odour. Revo 66 is designed to quickly penetrate and remove oils, grease and grime associated with electrical contacts, connections, switches and other associated equipment.

Part No. C04416, 340 gram aerosol.

Industrial Degreasers

PRECISION CLEAN MULTI-PURPOSE CLEANER/DEGREASER

•Water based •Biodegradable •Super industrial strength •Removes tough, stubborn stains and soils such as grease and oil •Non-flammable •pH concentrate = 13 •pH ready-to-use = 12.5 •Does not contain chlorinated or petroleum solvents, bleach, ammonia, abrasives or butyl •Rinses clean •Contains a corrosion inhibitor to help prevent flash rusting •Safe on all surfaces
Part No. C02701, Concentrate, 3.78 litre jug.
Part No. C02705, Concentrate, 18.93 litre pail.
Part No. C02755, Concentrate, 208 litre drum.
Part No. C02720, Ready-to-use, 510 gram aerosol.
Part No. C02728, Ready-to-use, 828 ml trigger.
Part No. C02765, Ready-to-use, 208 litre drum.

PRESOLVE® CITRUS DEGREASER

•High performance citrus based degreaser •Ideal for removing grease and oil •Fast acting penetration •Controlled evaporation •Does not contain chlorinated solvents •Non-conductive •Safe on all metals and most plastics •Can be sprayed in an upright or inverted position
Part No. C01420, 425 gram aerosol.
Part No. C01422, 591 ml trigger.
Part No. C01428, 3.78 litre can.
Part No. C01405, 18.93 litre pail.
Part No. C01455, 208 litre drum.

EM CITRO SOLVENT/DEGREASER

•Heavy duty, citrus based emulsion degreaser that removes oil, grease, dirt, asphalt, and tar •Fast penetrating action to remove grease and oil •Safe on most metals and plastics and does not contain chlorinated solvents •Concentrated versions are solvent based and can be diluted with water

Ready-to-Use:
Part No. C02820, 425 gram aerosol.

Concentrate:
Part No. C02801, 3.78 litre can.
Part No. C02805, 18.93 litre pail.
Part No. C02855, 208 litre drum.

CITRUS DEGREASER

•High performance industrial degreaser which cleans on contact •Fast acting on grease, oil, and sludge •Natural based •Does not contain chlorinated solvents •Flash point above 100°F (38°C) •Safe on all metals and most plastics •Can be sprayed in an upright or inverted position
Part No. C05020, 425 gram aerosol.
Part No. C05001, 3.78 litre can.
Part No. C05005, 18.93 litre pail.
Part No. C05055, 208 litre drum.

F-104° FAST DRY SOLVENT/DEGREASER

•Heavy duty degreaser •104°F (40°C) flash point •Controlled evaporation •Does not contain chlorinated solvents •Safe to use on most surfaces •Non-conductive •No rinsing •Minimal residue •Can be sprayed in an upright or inverted position
Part No. C04920, 425 gram aerosol.
Part No. C04928, 3.78 litre can.
Part No. C04905, 18.93 litre pail.
Part No. C04955, 208 litre drum.

INSTANT SUPER DEGREASER

•Heavy duty performance •Non-flammable •Fast evaporating •Non-conductive •No residue •Safe on all metals •Can be sprayed in an upright or inverted position
Part No. C00720, 567 gram aerosol
Part No. C07128, 3.78 litre can.
Part No. C00705, 18.93 litre pail.

ZEROTRI HEAVY DUTY DEGREASER

•Fast evaporating •Instant degreasing action •Non-conductive •Safe to use on most surfaces •Ideal for degreasing metals •Does not contain chlorinated solvents •No residue •Can be sprayed in an upright or inverted position
Part No. C03520, 425 gram aerosol.
Part No. C03528, 3.78 litre can.
Part No. C03505, 18.93 litre pail.
Part No. C03555, 208 litre drum.

TRIFREE BRAKE CLEANER

•Heavy duty performance •Instant degreasing action •Improves brake performance •No chlorinated solvents •Helps stop disc brake squeal •Fast evaporation •Powerful jet spray •Compliant to California V.O.C. regulations •No residue •Non-conductive
Part No. C03620, 425 gram aerosol.

EFX SOLVENT/DEGREASER

•Fast drying, non-chlorinated solvent for removing grease and oil •Heavy duty solvent offers instant degreasing action •Quickly removes grease and oil with its power blast spray •Fast evaporating is safe to use on most surfaces and ideal for cleaning metals •No residue
Part No. C01820, 590 gram aerosol.
Part No. C01801, 3.78 litre can.
Part No. C01805, 18.93 litre pail.
Part No. C01855, 208 litre drum.

HDX HEAVY DUTY DEGREASER

•Heavy duty action removes oil, grease, wax, dirt, moisture, tar, brake fluid, and other contaminants •Non-flammable •Fast evaporating •Low odour •Quick penetration •No residue •Non-conductive
Part No. C01020, 539 gram aerosol.
Part No. C01001, 3.78 litre can.
Part No. C01005, 18.93 litre pail.
Part No. C01055, 208 litre drum.

HDX II HEAVY DUTY DEGREASER

•Penetrating action removes oil, grease, tar, resins, corrosion inhibiting compounds and other contaminants •Contains no chlorinated solvents •Very low odour •Can be used in parts washers, dip tanks, and ultrasonic cleaners •Safe to use on most surfaces •Can be sprayed in an upright or inverted position
Part No. C03020, 425 gram aerosol.
Part No. C03001, 3.78 litre jug.
Part No. C03005, 18.93 litre pail.
Part No. C03055, 208 litre drum.

A-151 SOLVENT/DEGREASER

•High flash point above 140°F (60°C) •Low odour •Controlled evaporation •No residue •No chlorinated solvents •Non-conductive •Safe to use on most surfaces •Can be sprayed in an upright or inverted position
Part No. C04320, 425 gram aerosol.
Part No. C04328, 3.78 litre can.
Part No. C04305, 18.93 litre jug.
Part No. C04355, 208 litre drum.

BFX ALL-PURPOSE CLEANER

•Water-based •Butyl free •Biodegradable •Non-corrosive •Removes grease and oil •Rinses clean •Ideal for parts washers and pressure washers •Safe on most surfaces except magnesium
Part No. C05528, 828 ml trigger.
Part No. C05501, 3.78 litre jug.
Part No. C05505, 18.93 litre pail.
Part No. C05555, 208 litre drum.

TAPMATIC TRICUT®

•Excellent for stainless steel and other hard to machine metals •Not recommended for aluminum •Provides smooth, accurate cutting action •Flows directly to cutting edge •Extends tool life •Improves surface finish •Allows increased removal rates •Reduces friction •Suitable for high and low speed applications •Non-corrosive to steel
Part No. C05316, 473 ml can.
Part No. C05328, 3.78 litre jug.

TAPMATIC #1 GOLD

•Great for steel and aluminum •Excellent for low speed, high pressure applications •Minimizes torque increases •Does not contain chlorinated paraffins, water, solvents or inactive fillers •Aerosol provides a pinpoint stream with foaming action •Safe on all metals
Part No. C40312, 312 gram aerosol.
Part No. C40320, 473 ml bottle.
Part No. C40330, 3.78 litre jug.
Part No. C40340, 18.93 litre pail.
Part No. C40360, 208 litre drum.

TAPMATIC AQUACUT

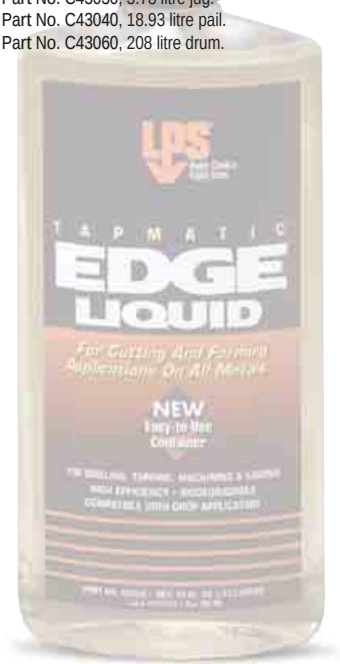
•Water based formula •Excellent in applications where cooling of the tool is desired •Non-flammable •Non-hazardous •Does not contain sulphur, chlorinated solvents, chlorine or oils •Safe on all metals, except magnesium •Corrosion inhibitors prevent flash rusting •Provides fine finishes •Cinnamon scent
Part No. C01216, 473 ml bottle.
Part No. C01228, 3.78 litre jug.
Part No. C01205, 18.93 litre pail.
Part No. C01255, 208 litre drum.

TAPMATIC NATURAL

•Non-toxic and non-hazardous •Biodegradable •Does not irritate the skin, eyes or respiratory tract •Does not contain sulphur, chlorine, chlorinated solvents, water, mineral oil or inactive fillers •Great for steel and aluminum •High performance lubricating ability eliminates galling and seizing •Safe on all metals
Part No. C44220, 473 ml bottle.
Part No. C44230, 3.78 litre jug.
Part No. C44240, 18.93 litre pail.
Part No. C44260, 208 litre drum.

TAPMATIC EDGE LIQUID

•Compatible with drop applicators •Biodegradable •Excellent for high alloy metals •Safe on all metals •Compatible with oil and water systems •High film strength •Reduces friction •Low toxicity •Increases tool life
Part No. C43020, 473 ml bottle.
Part No. C43030, 3.78 litre jug.
Part No. C43040, 18.93 litre pail.
Part No. C43060, 208 litre drum.



TAPMATIC EDGE LUBE

•White, solid waxy bar •Biodegradable •Excellent for belt, wheel or disc grinding, and sawing applications •Eliminates heat build-up and belt loading •Does not contain any hazardous chemicals •Extends grinding wheel life •Low toxicity •Safe on all metals
Part No. C43200, 364 gram bar.

TAPMATIC EDGE CREME

•Excellent for vertical applications •Biodegradable •Can be applied to cutting tools before tapping or reaming •Squeeze tube allows easy application •For use when drilling, tapping blind holes, forming, bending, pre-coating fasteners and lubricating rubber seals •Does not contain any hazardous chemicals •Ecological and economical •Safe on all metals
Part No. C43100, 325 ml tube.

TAPMATIC® DUAL ACTION PLUS #1 CUTTING FLUID

•Made for hard to machine alloys such as stainless steel and titanium •Reduces friction and eliminates chip welding •Lowers temperature through chemically controlled evaporation •Provides ultrafine finishes and precise tolerances
Part No. C40120, 473 ml.

TAPMATIC DUAL ACTION PLUS #2

•Provides superior extreme pressure lubricity in machining aluminum and its alloys •Reduces friction and eliminates chip welding •Improves surface finish and extends tool life
Part No. C40220, 473 ml can.
Part No. C40230, 3.78 litre jug.
Part No. C40240, 18.93 litre pail.
Part No. C40260, 208 litre drum.

Lubricants/Penetrants

EVR CLEAN AIR SOLVENT

•High solvent strength •Fast evaporating •Excellent replacement for Methyl Ethyl Ketone (MEK) •Ideal for cleaning metals •No residue •No ozone depleting compounds •Inverta Spray Valve allows can to be sprayed at almost any angle
Part No. C05220, 397 gram aerosol.
Part No. C05201, 3.78 litre can.
Part No. C05205, 18.93 litre pail.
Part No. C05255, 208 litre drum.

KB 88 ULTIMATE PENETRANT

•Formulated to attack and quickly release rusted and corroded nuts, bolts, hinges, and other frozen components •With a high KB solvency value, low surface tension and special additives, KB 88 enhances penetration, lubrication, and corrosion attack •Outperforms the competition in independent lab tests
Part No. C02316, 367 gram aerosol.
Part No. C02301, 3.78 litre can.
Part No. C02305, 18.93 litre pail.
Part No. C02355, 208 litre drum.

LPS 1™ GREASELESS LUBRICANT

•Provides a dry, thin lubricating film •Resists oil, dust, and dirt build-up •Fast acting penetration •Displaces moisture •Loosens rusted or frozen parts •Provides a short term, light, corrosion resistant barrier •Non-conductive •Ideal for delicate mechanisms •Used worldwide in aviation •Safe on paint and most plastics •Can be sprayed in an upright or inverted position
Part No. C30116, 312 gram aerosol.
Part No. C00122, 591 ml trigger spray.
Part No. C01128, 3.78 litre jug.
Part No. C00105, 18.93 litre pail.
Part No. C00155, 208 litre drum.

LPS 2™ INDUSTRIAL STRENGTH LUBRICANT

•Strong, multi-purpose lubricant and penetrant with added corrosion protection •Provides a non-drying, light, oily film for use on indoor/outdoor equipment •Reduces wear caused by friction and corrosion •Displaces moisture •Loosens rusted or frozen parts •Provides up to one year of protection •Non-conductive •Safe on paint and most plastics •Can be sprayed in an upright or inverted position
Part No. C30216, 312 gram aerosol.
Part No. C00222, 592 ml trigger spray.
Part No. C02128, 3.78 litre jug.
Part No. C00205, 18.93 litre pail.
Part No. C00255, 208 litre drum.

TKX ALL PURPOSE PENETRANT, LUBRICANT & PROTECTANT

•Excellent all purpose lubricant •Displaces moisture •Loosens rusted or frozen parts •Protects against corrosion •High flash point of 175°F (79°C) •Does not contain chlorinated solvents or silicones •Non-conductive •Safe on fabric, plastic, paint, and other finishes •Can be sprayed in an upright or inverted position
Part No. C02016, 312 gram aerosol.
Part No. C02022, 591 ml trigger spray.
Part No. C02028, 3.78 litre jug.
Part No. C02005, 18.93 litre pail.
Part No. C02055, 208 litre drum.

LST PENETRANT

•Specially formulated with low surface tension for fast penetrating action •Attacks rust and corrosion to free frozen parts •Powerful foaming action provides complete surface coverage •Displaces moisture •Lubricates and protects metal surfaces •No chlorinated solvents •Flash point of 175°F (79°C) •Can be sprayed in an upright or inverted position
Part No. C01916, 312 gram aerosol.
Part No. C01928, 3.78 litre jug.
Part No. C01905, 18.93 litre pail.
Part No. C01955, 208 litre drum.

HEAVY DUTY SILICONE LUBRICANT

•Meets FDA regulation for incidental food contact •Meets USDA requirements for H1 •Silicone-rich formula •Water based formula •Colourless and odourless •Ideal for rubber and plastic surfaces •Eliminates sticking, binding, and squeaking •Does not contain chlorinated solvents •Non-staining •Safe on most surfaces
Part No. C01516, 368 gram aerosol.
Part No. C01505, 18.93 litre pail.

FOOD GRADE SILICONE LUBRICANT

•Meets FDA regulation for incidental food contact •Meets USDA requirements for H1 •Dry film will not attract dust or dirt •Provides excellent lubrication •Ideal for releasing molded parts •Fast evaporating •Excellent for high temperature applications up to 500°F (260°C) •Does not contain chlorinated solvents •Petroleum base
Part No. C01716, 284 gram aerosol.

FOOD GRADE MACHINE OIL

•NSF H1 registered #129000 for use in meat and poultry plants •All ingredients are GRAS per 21-CFR-178.3570 •Penetrates to loosen frozen nuts and bolts •Does not contain silicone •Colourless, odourless •Safe on most surfaces •Can be sprayed in an upright or inverted position
Part No. C01316, 312 gram aerosol.

FOOD GRADE CHAIN LUBRICANT

•The silicone free, food grade chain lubricant for parts and equipment. •Excellent for applications involving incidental food contact on food processing equipment •NSF registered H1 (#132899) •Foaming action provides extra penetration and lubrication •Oily, wet film extends chain life •Non-flammable
Part No. C06016, 340 grams aerosol.

DRY FILM SILICONE LUBRICANT

•Dry film will not attract dust or dirt •Non-flammable •Provides excellent lubrication •Excellent for releasing molded parts •Excellent for high temperature applications up to 500°F (260°C) •Colourless, thin film •Does not contain chlorinated solvents •Petroleum base
Part No. C01616, 340 gram aerosol.

FORCE 842°™ DRY MOLY LUBRICANT

•Fortified with molybdenum disulfide •Provides a quick drying, thin film •For assembly and break-in lubrication •Works under high temperatures — 842°F (450°C) and pressures — 100,000 psi (6890 Bars) •Resists dust and dirt •Prevents seizure of parts •High adhesion •Water and chemical resistant
Part No. C02516, 312 gram aerosol.

CHAINMATE™ CHAIN & WIRE ROPE LUBRICANT

•Fortified with molybdenum disulfide •Increases the life of chains and wire ropes •Effective under extreme temperature and pressure ranges •Deep penetration to the core of wire ropes •Reduces wear caused by friction and corrosion •Lubricant and corrosion protectant •High adhesion •Use with guards in place to eliminate costly down time
Part No. C02416, 312 gram aerosol.

MAGNUM PREMIUM LUBRICANT WITH PTFE

•High performance lubricant with PTFE additives •Ideal for both regular and extreme conditions •Penetrates and protects metal against rust and corrosion •Flash point of 175°F (79°C) •Safe to use on most surfaces •Displaces moisture •Can be sprayed in an upright or inverted position
Part No. C00616, 312 gram aerosol.
Part No. C00605, 18.93 litre pail.

DRY FILM PTFE LUBRICANT

•Dry film will not attract dust or dirt •Provides excellent lubrication •Ideal for releasing molded parts •Colourless, thin film •Non-flammable •Excellent for high temperature applications up to 500°F (260°C) •Paintable •Does not contain silicones •Does not contain chlorinated solvents
Part No. C02616, 340 gram aerosol.

COPPER ANTI-SEIZE

•Prevents seizure up to 1800°F (982°C) •Lead free •Protects against seizure, heat-freeze, galling, rust, and corrosion •Ideal for use on stainless steel and for joining dissimilar metals •Brushes easily •Highly adhesive on both wet and dry surfaces •Cushions impact and shock loads •"Copper plates" surfaces to prevent metal-to-metal contact •Will not run, drip or settle out •Copper colour
Part No. C02916, 340 gram aerosol.
Part No. C02908, 227 gram brush-on.
Part No. C02910, 454 gram brush-on.

NICKEL ANTI-SEIZE

•Prevents seizure up to 2600°F (1427°C) •Does not contain lead, copper or graphite •Protects against seizure, rust, and corrosion •Chemically inert •Acid resistant •Can be used with ammonia, acetylene, and vinyl monomers which are unstable in the presence of copper •Strong resistance to water washoff •Brushable to -18°F (-28°C) •Will not run, drip or settle out •Silver colour
Part No. C03908, 227 gram brush-on.
Part No. C03910, 454 gram brush-on.

ALL-PURPOSE ANTI-SEIZE

•Prevents seizure up to 1800°F (982°C) •Moly fortified •Lead free •Protects against seizure, heat-freeze, galling, rust and corrosion •Lowers friction; reduces wrench torque •Reduces maintenance costs •Not affected by contraction, expansion, or vibration •Will not run, drip or settle out •Steel blue colour
Part No. C04108, 227 gram brush-on.
Part No. C04110, 454 gram brush-on.

ANTI-SPATTER

•Excellent spatter protection provides cleaner welds •Oversized nozzle for easy use with welding gloves •Safe, water based formula •Non-flammable •Does not contain suspect carcinogens such as methylene chloride •Does not contain silicone •Paint compatible •Non-toxic
Part No. C02116, 368 gram aerosol.

BELT DRESSING

•Prevents belt slippage on flat, round, and V-belts •Extends belt life •Does not contain chlorinated solvents that deteriorate drive belts •Fast evaporation •Eliminates squeaks from slipping belts •Meets USDA requirements for P1 •Colourless •Can be used in wet outdoor conditions •Low odour
Part No. C02216, 284 gram aerosol.

Greases

THERMAPLEX MULTI-PURPOSE BEARING GREASE

•Long life •Excellent load carrying properties •Extends relubrication periods •Prolongs bearing life •Good corrosion resistance •Ideal for lubricating all types of bearings •Reduces grease consumption •Blue coloured paste •Temperature range: -22°F (-30°C) to 350°F (177°C)
Part No. C70614, 400 gram cartridge.
Part No. C70606, 18.93 litre pail.
Part No. C70635, 60.48 litre pail.
Part No. C70655, 208 litre drum.

THERMAPLEX AQUA BEARING GREASE

•Excellent resistance to fresh and salt water •Resists water washout •Good adhesion properties •Excellent corrosion resistance •Significant load carrying capability •Reduces wear •Reduces grease consumption •Greater degree of bearing protection •Amber coloured paste •Temperature range: -4°F (-20°C) to 302°F (150°C)
Part No. C70514, 400 gram cartridge.
Part No. C70506, 18.93 litre pail.
Part No. C70535, 60.48 litre pail.
Part No. C70555, 208 litre drum.

THERMAPLEX FOODLUBE BEARING GREASE

•USDA H1 category approved •Uses only FDA listed ingredients •Ensures safety in areas where incidental food contact may occur •High degree of water resistance •Excellent corrosion protection •Very good load capacity •Extends lubrication intervals •Does not contain mineral oil, solvents or silicone •Non-toxic, non-staining and non-emulsifying •White coloured paste •Temperature range: -4°F (-20°C) to 300°F (149°C)
Part No. C70114, 400 gram cartridge.
Part No. C70106, 18.93 litre pail.
Part No. C70135, 60.48 litre pail.
Part No. C70155, 208 litre drum.

THERMAPLEX HI-TEMP BEARING GREASE

•Reduces risk of bearing failure at high temperatures •Excellent high temperature performance •Resists carbonization at high temperatures •Extends relubrication intervals •Very high dropping point •Ensures optimal production rates •Excellent vibration resistance •Reduces grease consumption •Brown coloured paste •Temperature range: -15°F (-22°C) to 392°F (200°C)
Part No. C70214, 400 gram cartridge.
Part No. C70206, 18.93 litre pail.
Part No. C70235, 60.48 litre pail.
Part No. C70255, 208 litre drum.

THERMAPLEX HI-LOAD BEARING GREASE

•Excellent load carrying ability •Withstands shock loading •Reduces wear from vibration •Contains 3% moly •Good corrosion resistance •Excellent anti-wear properties •Wide operating temperature range •Reduces maintenance costs •Black coloured paste •Temperature range: -22°F (-30°C) to 350°F (177°C)
Part No. C70414, 400 gram cartridge.
Part No. C70406, 18.93 litre pail.
Part No. C70435, 60.48 litre pail.
Part No. C70455, 208 litre drum.

RED & REDI MULTI-PURPOSE RED GREASE

•Delivers excellent lubrication •Prevents rust, corrosion, and oxidation •Red colour allows easy visual inspection •Remains effective at extremely high temperatures — 550°F (288°C) •Penetrates quickly •Reduces friction and vibration •Resists shock
Part No. C05816, 312 gram aerosol.

WHITE LITHIUM MULTI-PURPOSE WHITE GREASE

•Rapidly forms into a pure white grease that will not melt or wash away •PTFE additives for superior lubrication •NLGI grade: number 2 •Provides maximum lubrication •Rust and oxidation inhibitors protect metal •Pure white colour allows easy visual inspection •Heat and water resistant
Part No. C03816, 284 gram aerosol.

PREMIUM DIELECTRIC GREASE

•Protects and lubricates electrical connections, rubber and plastic parts •Prevents voltage leakage around electrical contacts •Premium Dielectric Grease protects critical electrical connections from oxidation and lubricates electrical switches while preventing moisture damage. Premium Dielectric Grease will not conduct electricity thus stopping signal leakage/bleed and power groundings. Premium Dielectric Grease conditions rubber and plastic boots and connectors. It is great for electrical connections, relay blocks, slide contact switches, etc.
Part No. C03216, 284 gram aerosol.

Corrosion Inhibitors

BRIGHTCOAT COLD GALVANIZE CORROSION INHIBITOR

•Shiny zinc coating •Prevents rust and corrosion on all metals •Restores hot dip galvanizing •Dries to touch in 15 to 30 minutes •Repairs rusted, galvanized and welded surfaces •Electro-chemically protects bare metal •Heat resistant, flexible coating •Will not yellow, chalk, crack or peel •Meets performance requirements of ASTM A780-93A
Part No. C05916, 368 gram aerosol.

COLD GALVANIZE CORROSION INHIBITOR

•95% zinc-rich galvanized coating •Works like a hot-dip on ferrous metals indoors and out •Withstands water temperature up to 212°F (100°C) and continuous dry heat up to 750°F (400°C) •Commonly used as a flash rust preventive on welded areas •Long term protection •Flexible coating will not yellow, chalk, crack, or peel •Electro-chemically protects bare metal •Dries in 3-5 minutes
Part No. C00516, 397 gram aerosol.
Part No. C05128, 3.78 litre jug.

LPS 3™ HEAVY DUTY RUST INHIBITOR

•Protects up to two years •Stops rust and corrosion •Provides non-sling lubrication •Self-healing, waxy film •Provides anti-seize coating •Safe to use on rubber, fabric, plastics and paints
Part No. C30316, 312 gram aerosol.
Part No. C00322, 591 ml trigger spray.
Part No. C03128, 3.78 litre jug.
Part No. C00305, 18.93 litre pail.
Part No. C00355, 208 litre drum.

HARDCOAT CORROSION INHIBITOR

•Multi-year protection of metal parts in outside storage •500+ hours salt spray resistance •Durable, hard transparent film •Commonly used on sides and tops of aircraft fuselages •Resists dripping and puddling during spray application •Low odour •Ready-to-use and can be applied with conventional airless or air operated spray equipment •Safe to use on rubber, fabric, plastics and paints
Part No. C03328, 3.78 litre jug.
Part No. C03305, 18.93 litre pail.
Part No. C03355, 208 litre drum.

PROCYON CORROSION INHIBITOR

•Multi-year protection of metal •Durable, hard transparent film •Resistant to saltwater, salt spray, moisture, acid, alkali fumes, and other corrosive elements •Resists dripping and puddling during spray application •Wide operating temperature range •Low odour •Ready-to-use and can be applied with conventional airless or air operated spray equipment •Safe to use on rubber, fabric, plastics and paints
Part No. C04228, 3.78 litre jug.
Part No. C04205, 18.93 litre pail.
Part No. C04255, 208 litre drum.

ZINC-X CORROSION INHIBITOR

•95% pure zinc rich galvanized coating •Prevents rust and corrosion on all metals •Up to two years protection •Works as a paint primer over rust •Dries to touch in 10 - 15 minutes •Withstands water temperatures up to 100°C and continuous dry heat up to 400°C •Will not yellow, chalk, crack or peel •Repairs rusted, galvanized and welded surfaces •Meets ASTM A-780 specification •Does not contain Methyl Ethyl Ketone
Part No. C05616, 397 gram aerosol.

Hand Cleaner Towels & Additional MRO Products

WORKPLACE HAND CLEANER TOWELS •WATERLESS

•Fast acting •Disposable •Portable •Premoistened •Residue free •Non-scratching abrasive •Pleasant fragrance •Opaque white liquid with a fresh citrus scent saturated onto towels
Part No. C09200, Bucket of 72 towels.

POWER PULL - WIRE PULLING LUBRICANT

•A water-based gel lubricant formulated to provide maximum friction reduction for electrical cable pulling operations •Biodegradable •Leaves a lubricating film which clings to cable during long pulls and vertical pulls •Coats electrical cables, datacom and copper cables •Excellent for electrical applications •Provides maximum friction reduction for difficult cable pulling applications •Compatible with all types of cable jacket materials •Will not "cement" the cable to the conduit •Safe for use on all cable types •Can be applied by hand, brush or pump
Part No. C64432, 946 ml container.
Part No. C64401, 3.78 litre pail.
Part No. C64405,18.93 litre pail.

STRONG STEEL STICK RENEWAL COMPOSITE

•Hand-kneadable, ready-to-use stick for fast emergency repairs •Hardens like steel in 20 minutes •Can be machined, drilled, tapped, and painted in 30 minutes •Plugs and seals leaks •Permanently fill gaps and holes in metal, concrete, wood, fibreglass, and ceramics •Patches holes and cracks in pipes, drums, and tanks •Can be used for underwater repairs
Part No. C60159, 114 gram stick.

LPS®

3M Automotive Chemicals

THROTTLE PLATE CLEANER
Fast cleaning action for dirty throttle plates. Cleans and lubricates. Safe for coated throttle plates.
Part No. 08866, 241 g aerosol.

GLASS CLEANER
Excellent for cleaning glass, plastic, chrome or metal. Non-flammable.
Part No. 08968, 538 g aerosol.

CITRUS BASE CLEANER
Removes oil, grease, tar, liquid adhesive, adhesive tape residue, dirt and scuff marks. Non-corrosive and has a citrus scent. Non-aerosol.
Part No. 08789, 142 g can.

SILICONE LUBRICANT
Dry Type - Eliminates rubber squeaks and prevents sticking. Contains no petroleum oils to stain fabric. Will not freeze at -33°C. Will not degrade at 175°C. Seals out moisture.
Part No. 08897, 241 g aerosol.

5-WAY PLUS PENETRANT
Helps free rusted, frozen bolts, nuts, etc. Lubricates and provides a long lasting film. Demoisturizes - "dries out" electrical ignitions, generators and other electrical apparatus. Stops squeaks yet contains no silicone. Non-aerosol.
Part No. 08890, 142 g can.

STP® Oil Additives

STP OIL TREATMENT
Fights motor oil breakdown, reduces oil thinning, oil consumption, and engine wear.
Part No. 33636, 400 ml.

Fuel Additives

STP WATER REMOVER
Removes water to fight gas line freeze up, cleans fuel injectors and carburetors and helps prevent rust and corrosion.
Part No. 70709, 350 ml.

STP CONCENTRATED FUEL INJECTOR CLEANER
Improves acceleration and gas mileage. Will not harm catalytic converters. Formulated for leaded or unleaded gasolines.
Part No. 70053, 350 ml.

STP FUEL INJECTOR & CARBURETOR CLEANER
Keeps fuel injectors and carburetors clean to fight power loss. Reduces exhaust emissions and prevents rust and corrosion.
Part No. 70035, 350 ml.

STP GAS TREATMENT
Cleans carburetors, fuel injectors, intake valves, and manifolds. Removes water to prevent gas line freezing, rust and corrosion.
Part No. 70020, 350 ml.

STP OCTANE BOOSTER
Dual action formula boosts octane and cleans combustion chambers to reduce octane requirements. Prevents hard starting, restores horsepower and stops knocking or pinging noises.
Part No. 70318, 350 ml.

Functional Fluids

STP POWER STEERING FLUID
Meets specifications for: GM, Ford, Chrysler, and most foreign cars. Protects against breakdown caused by wear, oxidation, and foaming.
Part No. 44726, 350 ml.

STP DOT 3 BRAKE FLUID
For ABS, drum and disc brake systems. Protects against corrosion.
Part No. 66951, 350 ml.

Wheel & Tire Care

BLACK JACK TIRE SHINE
This silicone based product gives a long lasting "new shine" look in wet or sunny weather. Water repellent - excellent for all exterior applications on rubber or vinyl and black painted metal.
Part No. NA127, Towelette - for single use.
Part No. NA27, 8 oz. bottle.

Brush-On Electrical Tape

BRUSH-ON ELECTRICAL TAPE
Out-performs common electrical tape by sealing out moisture and dirt to virtually eliminate corrosion. Sticks to all metal, rubber, vinyl, and plastics. Forms a tough flexible coating that dries at room temperature in just 5 minutes.
Part No. NA55, 4 oz. brush top can.

Octane Boost

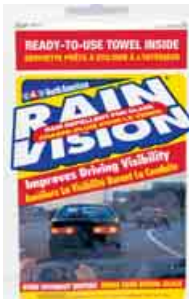
TURBO 108 CONCENTRATED OCTANE BOOSTER
Part No. NA30, 16 oz. bottle Turbo 108 Concentrated Octane Booster - makes 22 gallons for standard automotive use (12 per case).
Part No. NA31, 32 oz. bottle Turbo 108 Concentrated Octane Booster - makes 22 gallons for high performance racing applications or 44 gallons for standard automotive use (12 per case).

Brake Fluid

SILICONE BRAKE FLUID
Part No. NA41, 12 oz. bottle (12 per case).
Part No. NA40, 32 oz. bottle (12 per case).

Glass Care Products

RAIN VISION
Rain repellent for glass. By applying Rain Vision rain repellent, you put an invisible coating on the windshield which makes the rain bead and slide off. The use of Rain Vision results in better visibility in the rain, greater safety and increased driver comfort. Available in the following sizes:
Part No. NA125, Rain Vision towelette - for single use or trial size - (24 per case).
Part No. NA25BC, 4 oz. blister carded Rain Vision - (12 per case).



NEVER FOG AUTOMOTIVE ANTI-FOG
For interior auto glass. Prevents annoying fogging on glass. Great year round fog shield. Available in the following sizes:
Part No. NA128, Never Fog Automotive Anti-Fog towelette - for single convenient application - (24 per case).
Part No. NA28BC, 4 oz. blister carded bottle of Never Fog Autom. Anti-Fog - (12 per case).

AUTO GLASS CLEANER TOWELETTE
For cleaning interior and exterior auto glass. Removes road film, blinding smears, and smoke residue.
Part No. NA110, Auto Glass Cleaner towelette - for single use, convenient, never messy cleaning - (24 per case).

Leather & Vinyl Care Products

JUST FOR LEATHER
Part No. NA117, Just For Leather towelette - for single use in cleaning and shining up your vehicle's leather upholstery - (24 per case).

Air Freshener Products

PURE CITRUS AIR FRESHENER
Using a unique non-aerosol compressed nitrogen can, Pure Citrus Air Freshener is a very environmentally friendly choice. Pure Citrus contains no water, alcohol, or other fillers to dilute its long lasting effectiveness. No preservatives, heavy perfumes, or artificial ingredients — it only leaves behind a delightful citrus fragrance.
Part No. NA20BC, 1.5 oz. blister carded can - (12 per case).
Part No. NA2012, Case of 12, 1.5 oz. cans. Comes in counter display case with free tester.
Part No. NA22, 7 oz. can - (12 per case).

DURA LUBE
Chemicals

ENGINE TREATMENT

Dramatically reduces friction in all gas or diesel engines by penetrating metal surfaces and smoothing and sealing micropores. Dura Lube is a blend of hi-tech petroleum components bonded through a unique processing sequence to produce the most effective friction reducing formulation ever tested. Engine Treatment reduces friction wear, increases gas mileage and horsepower, makes starting easier, improves performance and extends engine life. 948ml bottle.
Part No. DLOS-12.

TRANSMISSION TREATMENT

Revolutionary metal conditioner carefully formulated to meet all manufacturer's specifications and to blend with all automatic and manual transmission fluids. Its SR-3 formulation is designed to help restore fluid life, prevent rough shifting, clean valves, retard acid and varnish buildup, and keep your transmission cooler and cleaner. Protects transmissions for up to 50,000 miles of normal driving. 237 ml bottle.
Part No. DLT08-12.

RISLONE®
Engine Treatment Products

RISLONE ENGINE TREATMENT

Clean engine formula — •Replaces a litre of oil at oil change time or whenever the crankcase is down a litre •Keeps engines clean and removes harmful engine deposits •Quiets noisy valves and lifters, frees sticking piston rings •Promotes longer engine life and efficient, powerful performance •Reduces engine friction and wear, especially at start-up time •Maintains normal oil viscosity at engine operating temperatures and will not void new car warranties •Compatible with SG specification oils and all petroleum based synthetic oils
Part No. 100LR, 950 ml bottle.
Part No. 100-5R, 20 litre pail.
Part No. 100-45R, 208 litre drum.

RISLONE ENGINE TREATMENT CONCENTRATE

•Add between oil changes or top off a new oil change without overfilling •Keeps engines clean and removes harmful engine deposits •Quiets noisy valves and lifters, frees sticking piston rings •Promotes longer engine life and efficient, powerful performance •Reduces engine friction and wear, especially at start-up time •Maintains normal oil viscosity at engine operating temperatures and will not void new car warranties •Compatible with SG specification oils and all petroleum based synthetic oils
Part No. 150-C, 450 ml bottle.

RISLONE OIL TREATMENT

•Reduces oil burning, exhaust smoke, and quiets noisy engines
•Decreases oil leakage, increases oil pressure and power •Increases oil thickness •Prevents destructive "blow-by" gases from leaking out
•Provides an ideal protective coating for pistons, rings, and bearings
•Retains oil flow characteristics in cold weather
Part No. 850-OT, 450 ml bottle.

RESTORE INC.
Automotive Products

ENGINE RESTORER & LUBRICANT

Restores compression and power when added to oil, this amazing product actually fills power-robbing scratches with millions of microscopic particles. Engine Restorer rebuilds metal surfaces, which seals power-robbing leaks. The result is the restoration of cylinder compression and therefore horsepower to near original levels. Engine Restorer also dramatically reduces excess oil usage and oil burning, and the puffs of blue smoke in high mileage cars. Engine Restorer will increase engine performance to a point where you can actually feel the difference as you drive.

Part No. 00011, 11 oz. Engine Restorer, 4 cylinder formula - 12 per case.
Part No. 00015, 15 oz. Engine Restorer, 6 cylinder formula - 12 per case.
Part No. 00019, 19 oz. Engine Restorer, 8 cylinder formula - 12 per case.
Part No. 00468, Engine Restorer mixed display - 4 each of the above Engine Restorer - 12 per case.
Part No. 01000, 1 litre Diesel Restorer - for heavy equipment, tractors, and trucks - 6 per case.
Part No. 20016, 16 oz. Marine Restorer, 4 cycle formula - 12 per case.

IRONTITE

LLL/2496

Crack Detection & Repair Products

KWIK-CHEK CRACK DETECTION MATERIALS

Detect cracks in aluminum (or ductile iron) cylinder heads.
Part No. 400-1310-01, Kwik-Chek Kit - includes the Dye Penetrant, Remover, and Developer.
Part No. 400-1320-01, #1 Penetrant Dye.
Part No. 400-1320-02, #2 Dye Remover.
Part No. 400-1320-03, #3 Developer.

ELECTRO-MAGNETIC CRACK DETECTION

Electro Magnetic Kits include the magnet, bulb and powder in a handy tool box. 3200 maximum ampere turns; 8" (203 mm) between yoke legs.
Part No. 400-1110-00, Electro Magnetic Kit, 115V.
Part No. 400-1210-01, Spray bulb.
Part No. 400-1230-16, 1 lb. can grey magnetic powder.
Part No. 400-1230-80, 5 lb. can grey magnetic powder.
Part No. 400-1231-60, 10 lb. can grey magnetic powder.
Part No. 400-1234-00, 25 lb. can grey magnetic powder.

THORO FLUSH - THE PERFECT CLEANER

Protects and cleans the engine cooling systems. Leaves them free from rust, sludge and grease. Extends the life of the cooling system. 1 pint.
Part No. 468-9112-16.

CERAMIC SEAL

Finish the crack repair job by circulating Ceramic Seal internally to seal any part of the crack that may still be separated on the inside of the casting.
Part No. 468-9122-16, 1 pint Ceramic Seal.
Part No. 468-9121-28, 1 gallon Ceramic Seal.
Part No. 468-9126-40, 5 gallon Ceramic Seal.

ALL WEATHER SEAL

Seals leaks and cracks in the cooling system; prevents antifreeze leakage. Fast acting, non-corrosive, and non-clogging. Recommended for use with any antifreeze or coolant. Lubricates water seals. 1 pint.
Part No. 468-9132-16.

K & W PRODUCTS

LLL/1562

Chemicals

PERMANENT METALLIC® BLOCK SEAL

Forms a permanent molecular seal as strong as steel. Seals holes and cracks in: cast iron and aluminum blocks; head gaskets and freeze plugs; copper, aluminum and plastic bi-material radiators and heater cores. Treats six-cylinder and larger engines.
Part No. 74016, 329 ml.

TRANS-X® STOP LEAK & TUNE UP

Stops transmission and power steering leaks and restores smooth operation. Ideal preventative maintenance tool when added to transmission fluid every 40,000 km and each time fluid and filter change. Cures common causes of transmission malfunction.
Part No. 74015, 444 ml.

TRANS-X® POSI-TRAC LIMITED SLIP GEAR OIL ADDITIVE

Engineered with friction-reducing conditioners to maintain smooth operation of limited slip and posi-trac differentials. Eliminates squealing and noises. Reduces friction, wear and overheating. Prevents gear oil breakdown.
Part No. 742508-6, 207 ml.

TANNERY® LEATHER & VINYL CLEANER & CONDITIONER

Cleans, conditions, protects and preserves vinyl, rubber, plastic, trim and fibreglass. Quickly restores luster and shine to tires, bumpers, vinyl tops, dashboards, sporting goods and equipment, rubber boots, patio furniture, and more.
Part No. 74171, 284 g.

CRC

Automotive Chemicals & Supplies

U VIEW
Fluorescent Dye Additives & A/C Oils

MULTI-PURPOSE DYES
Pinpoint leaks in engine oil, transmission, hydraulic, power steering, gasoline, and fuel diesel fuel systems.
Part No. B483206, Case of 6 (1 oz./30 ml) bottles. Each bottle services 1 vehicle.
Part No. 483208, 8 oz. (240 ml) bottle. Services 8 vehicles.

RADIATOR COOLANT DYES
Pinpoint leaks in radiators, hose/fittings, waterpumps and head gaskets.
Part No. B483906, Case of 6 (1 oz./30 ml) bottles. Each bottle services 1 vehicle.
Part No. 483908, 8 oz. (240 ml) bottle. Services 8 vehicles.

EXTENDED LIFE RADIATOR COOLANT DYES
Part No. B483806, Case of 6 (1 oz./30 ml) bottles. Each bottle services 1 vehicle.

UNIVERSAL A/C DYE & CARTRIDGE
Pinpoint leaks in A/C systems.
Part No. 499008, 8 oz. (240 ml) bottle. Services 32 vehicles.
Part No. 499108, 8 oz. (240 ml) dye cartridge. Services 64 small A/C systems or 32 regular A/C systems. Use with Spotgun Injector #471539.

A/C OILS
Allows the technician to select the correct oil. Oil selection chart included with disposable cartridge. Use with Spotgun #471539.
Part No. 488046P, 8 oz. (240 ml) bottle. PAG oil (46 viscosity).
Part No. 488100P, 8 oz. (240 ml) bottle. PAG oil (100 viscosity).
Part No. 488125P, 8 oz. (240 ml) bottle. PAG oil (125 viscosity).
Part No. 488150P, 8 oz. (240 ml) bottle. PAG oil (150 viscosity).
Part No. 488108E, 8 oz. (240 ml) bottle. ESTER oil (100 viscosity).

RECOCHEM
Chemicals

BRAKE FLUID
•Supreme DOT 3
Part No. BF-350, 350 ml, 12 per case.
Part No. BF-1, 1 litre, 12 per case.
Part No. BF-4, 4 litre, 4 per case.
Part No. BF-20, 20 litre.

POWER STEERING FLUID
•Supreme
Part No. PS-350, 350 ml, 12 per case.
Part No. PS-1, 1 litre, 12 per case.

SOLVENT
•Grade 16
Part No. SV-1, 946 ml, 12 per case.
Part No. SV-4, 3.78 litre, 4 per case.
Part No. SV-20, 18.9 litre.
Part No. SV-205, 205 litre drum.

KEROSENE
•Grade K-1
Part No. KER-4, 3.78 litre, 4 per case.
Part No. KER-10, 9.46 litre, 2 per case.
Part No. KER-205, 205 litre drum.

ACETONE
•For thinning fibreglass resin mixes, dissolving two part epoxies •For cleaning tools and brushes used for epoxies and lacquers
Part No. ACE-1, 946 ml, 12 per case.
Part No. ACE-4, 3.78 litre, 4 per case.

Pressure Washer Fluids

WINDOW & SCREEN CLEANER PRESSURE WASHER FLUID
•Removes dirt and grime without streaking •For use on all windows, screens and outdoor lighting •Blue coloured •4 litre jug
Part No. WSC-4.

CARNAUBA WASH & WAX PRESSURE WASHER FLUID
•Cleans and protects surface finish against rain, dirt, salt and water spotting •For use on automobiles, trucks, RV vehicles and boats •Yellow coloured •4 litre jug
Part No. CWW-4.

DECK & FENCE CLEANER PRESSURE WASHER FLUID
•Cleans away any build up of dirt, stains and grime caused by sap, leaves and foot traffic •For use on wood decks, fences and porches •Orange coloured •4 litre jug
Part No. FDC-4.

HOUSE & SIDING PRESSURE WASHER FLUID
•Removes build up of dirt and grime on houses, siding, painted wood, gutters and awnings •Purple coloured •4 litre jug
Part No. HSC-4.

RECOCHEM

Pressure Washer Fluids

MOULD & MILDEW STAIN REMOVER PRESSURE WASHER FLUID

•For use on stone patios, aluminum siding, vinyl siding and outdoor furniture •Amber coloured •4 litre jug

Part No. MMR-4.

ALL PURPOSE HEAVY DUTY CLEANER PRESSURE WASHER FLUID

•Cleans build up of tough to remove dirt, grime and grease •For use on engines, driveways, sidewalks and BBQ grills •Green coloured •4 litre jug

Part No. APC-4.

CAR & BOAT PRESSURE WASHER FLUID

•For use on automobiles, trucks, RV vehicles, commercial vehicles and power and sail boat hulls •Red coloured •4 litre jug

Part No. CBC-4.

MISCELLANEOUS

Winter Chemicals

BUG-OFF/BUG-BUSTER

•Summer windshield cleaner •Pink in colour

Part No. BUGOFF, 3.78 litre.

WINDSHIELD WASHER PREMIX

•Premix windshield washer antifreeze •-35°C •Blue in colour

Part No. PM-35, 3.78 litre.

Part No. PM-35-205, 205 litre.

PREMIUM DE-ICER WASHER FLUID

•Rain-X premium fluid removes light ice and frost •Makes windshields water and soil repellent •-40°C •Yellow in colour

Part No. DFL-4, 4 litre.

WINDSHIELD WASHER CONCENTRATE

•Concentrated formula

Part No. WWC-20, 18.9 litre.

Part No. WWC-205, 205 litre.

RECREATIONAL VEHICLE ANTIFREEZE

Part No. ND-4, 3.78 litre.

Part No. ND-205, 205 litre.

ECONOMICAL RECREATIONAL VEHICLE ANTIFREEZE

Safe for plastic piping only. -50°C. Specifically formulated to protect and prevent freeze damage to drains and fresh water lines in septic systems, boats, recreational vehicles, seasonal homes, swimming pool filtration and heating systems.

Part No. ECRV-4, 3.78 litre.

Part No. ECRV-205, 205 litre.

GAS LINE ANTIFREEZE

Fuel injector gas line antifreeze:

Part No. FIG-150, 150 ml.

Standard gas line antifreeze:

Part No. MHG-150, 150 ml.

Recochem

MISCELLANEOUS
Winter Chemicals

METHYL HYDRATE
Part No. MHY-500, 500 ml.
Part No. MHY-1, 900 ml.
Part No. MHY-4, 4 litre.
Part No. MHY-20, 18.9 litre.
Part No. MHY-205, 205 litre.

DIESEL FUEL CONDITIONER - TURBO POWER
Part No. DFC-1, 1 litre.
Part No. DFC-205, 205 litre.

AIR BRAKE ANTIFREEZE - TURBO POWER
Part No. ABAF-1, 1 litre.
Part No. ABAF-4, 3.78 litre.
Part No. ABAF-20, 18.9 litre.
Part No. ABAF-205, 205 litre.

LOCK DE-ICER
Part No. LDI-35, 30 ml.
Part No. LDI-35C, 30 ml, carded for display.

ANTIFREEZE/COOLANT
Products

AUTOMOTIVE D995M LONG LIFE ANTIFREEZE/COOLANT
•D995M long life engine coolant is based on organic acid technology. This product is free of silicates, phosphates, borates, nitrates, and amines. 5 year or 250,000 km lifetime. Performance specifications: ASTM D-3306/D-4985; SAE J1034/J1941; GM6277 (Sections 4.1 - 4.13); Ford WSS-M97B44-C (Sections 3.1 - 3.4); Renault Type D; Peugeot B71 5110. Fully compatible with Dexcool™.
Part No. EXL-3.78, 3.78 litre jug Long Life.

UNIGARD UNIVERSAL ANTIFREEZE/COOLANT
•Automotive and light duty diesel truck coolant based on low silicate, borate technology. High pH. SCA addition required when used as a heavy duty diesel engine coolant. Fully aluminum compatible. Enhanced hard water compatibility. Performance specifications: ASTM D-3306/D-4985; SAE J1034.
Part No. UNI-3.78, 3.78 litre jug Unigard.
Part No. UNI-205, 205 litre non-returnable drum Unigard.

GD-3000 HEAVY DUTY DIESEL EXTENDED LIFE ANTIFREEZE/COOLANT
•Automotive and heavy duty antifreeze/coolant based on hybrid technology. This low silicate, phosphate and amine free product is recommended for use in automotive, light duty, and heavy duty applications namely on-road truck, off-road, farm, and marine. It does not require an initial charge of supplemental coolant additives (SCAs) upon initial fill in heavy duty diesel applications as the product is specially formulated to protect heavy duty diesel wet sleeve liners. Compatible with coolant filters and heavy duty diesel SCAs. RED in colour. Extended life of 12,000 hours or 1,000,000 km. Fully aluminum compatible. Enhanced hard water compatibility. Performance specifications: ASTM D-3306/D-4985/D-6210; ASTM D-4656 (50/50 premix automotive); ASTM D-5345 (50/50 premix diesel); Cummins Bulletin #3666132; Detroit Diesel #7SE298; GM 1825M/1899M; Caterpillar EC-1; SAE J1034/J1941; TMC RP 329; Ford ESE-M97B44A, ESE-M97B18-C, WSS-M97B51-A1; Mack Trucks; Freightliner 48-2288D; White Star; MAN 324; Saab-Scania 6901; Perkins; Landrover; Chrysler MS-7170, MS9769; PACCAR; Volvo/GM Heavy Truck; New Holland WSN-M97B18-D; MTU MTL 5048; JIS K2234; Mercedes Benz DBL 7700; US Federal A-A-870.
Part No. GD3000-3.78, 3.78 litre jug GD-3000.
Part No. GD3000-205, 205 litre non-returnable drum GD-3000.
Part No. PREGD3000-3.78, 3.78 litre jug GD-3000 PRE-MIX.
Part No. PREGD3000-205, 205 litre non-returnable drum GD-3000 PRE-MIX.

HEAVY DUTY ANTIFREEZE/COOLANT
•Automotive and heavy duty diesel engine coolant based on borate, and nitrite technology. High pH. SCA addition not required on initial fill. Fully aluminum compatible. Enhanced hard water compatibility. Performance specifications: ASTM, D-3306/D-4985/D-4340/D-6210; Cummins Bulletin #3666132; Detroit Diesel #7SE298; GM 1825M/1899M; SAE J1034/J1941; TMC RP 329; Ford ESE-M97B44A, ESE-M97B18-C; Chrysler MS-7170; Mack Trucks; PACCAR; Freightliner 48-2288D; Volvo/GM Heavy Truck; New Holland WSN-M97B18-D; US Federal A-A-870.
Part No. FFD-3.78, 3.78 litre jug Heavy Duty Antifreeze/Coolant.
Part No. FFD-205, 205 litre non-returnable drum Heavy Duty Antifreeze/Coolant.

GLOBAL EXTENDED LIFE ANTIFREEZE/COOLANT
Global Extended Life Antifreeze/Coolant is recommended for use in all makes and models of foreign and domestic passenger vehicles and light duty trucks. It contains a proprietary formulation of premium corrosion inhibitors that provide extended protection against rust, corrosion and cavitation for all coolant system metals. It also provides excellent protection against temperature extremes, preventing freeze-up and boil-over when used in accordance with OEM and product manufacturers' guidelines regarding product dilution. This product provides up to 5 years or 240,000 km of protection. Meets or exceeds ASTM D-3306 and Japanese Industry Standard K-2234. Recommended for use in all makes and models of foreign and domestic passenger vehicles and light duty trucks. When pre-diluted with soft or de-ionized water, it can be added to any colour antifreeze/coolant.
Part No. GXL-3.78, 3.78 litre jug Global Extended Life.
Part No. PREGXL-3.78, 3.78 litre jug 50/50 Premix Global Extended Life.

CONTAINER
Part No. WHITELP, Empty 20 litre white pail w/ lid.

Recochem

RECOCHEM

LLL/3352

Industrial Heat Transfer Fluid

•Designed for primary and secondary heating and cooling •Freeze and burst protection of pipes, and a variety of deicing, defrosting and dehumidifying applications •Does not contain silicates, nitrates, nitrites, or molybdate •Formulated to provide corrosion protection to copper, solder, brass, steel, cast iron and aluminum •Supplied as a concentrate that must be diluted with good quality water prior to use, or use a pre-diluted 50/50 blend for heavy duty use

ETHYLENE GLYCOL
Specifications: ASTM D1384 compatible with Dowtherm SR1, IG, HD, Ucartherm.
Common Application: Ethylene is highly toxic and used primarily in engines.

Concentrate
Part No. CON-EG-20, 20 L pail.
Part No. CON-EG-205, 205 L drum.

50/50 Blend
Part No. BLE-EG-20, 20 L pail.
Part No. BLE-EG-205, 205 L drum.

PROPYLENE GLYCOL
Specifications: ASTM D1384 compatible with Dowfrost, Protherm.
Common Application: Propylene is less toxic than ethylene. It is commonly used for in-floor heating where if a leak occurs, it is less harmful to soil and animals.

Concentrate
Part No. CON-PG-20, 20 L pail.
Part No. CON-PG-205, 205 L drum.

50/50 Blend
Part No. BLE-PG-20, 20 L pail.
Part No. BLE-PG-205, 205 L drum.

GASGACINCH

LLL/3292

Gasket Sealer

Holds gaskets in place with "cinch"-like tenacity. Throughout the high performance field, manufacturers, motorcycle field, truck and implement field as well as automotive dealers and the general repair shops rely on Gasgacinch more than any other sealer to do the job right. Why? They have found and now know it is the one sealer that resists heat, fuels, pressure, and shock. It remains flexible affording easy gasket removal.
Uses Unlimited — Because of its special composition, Gasgacinch has many more uses than found with other type gasket sealers. Due to the flexible bonding powers of Gasgacinch, it will be found to be superior for the following: •superior super grip belt dressing •prevents rim leak to new and used tubeless tires •unequalled for tire boot patches •superior unequalled head gasket seal
Gasgacinch contains no heat retaining metal powders. Its solids are of heat resisting formula compounds.
Part No. 440-A, 4 oz. can.
Part No. 440-B, 8 oz. can.

MURPHY'S

LLL/2907

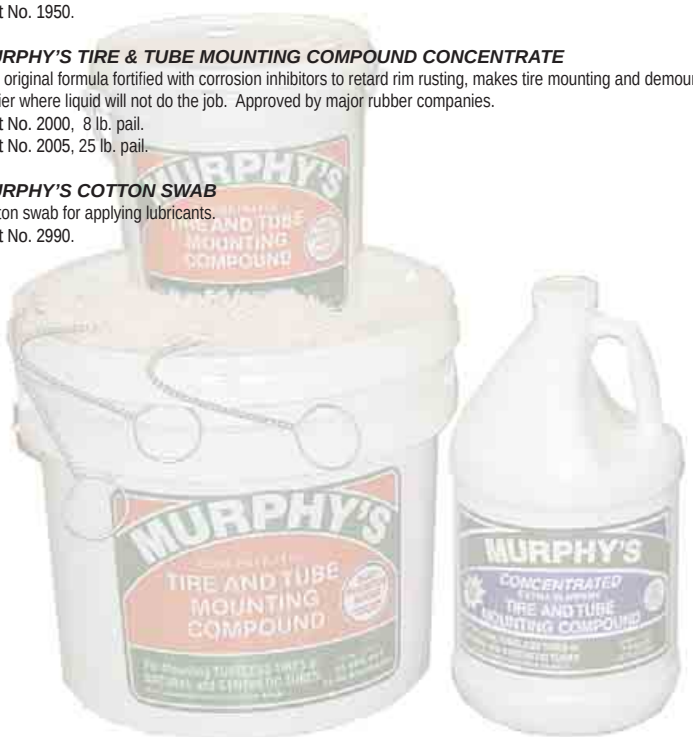
Tire Products

Recognized as the #1 name at the tire dealer and fleet level, Murphy's Tire Products are a non-petroleum based mounting lubricant. Designed for extended temperature ranges, these products include rust inhibitors to prevent damage to the tire bead.

MURPHY'S "EXTRA SLIPPERY" CONCENTRATED LIQUID
Contains improved, super lubricity polymers, may be diluted 2 to 1, and is used for the super-fast mounting of passenger tires.
1 gallon.
Part No. 1950.

MURPHY'S TIRE & TUBE MOUNTING COMPOUND CONCENTRATE
The original formula fortified with corrosion inhibitors to retard rim rusting, makes tire mounting and demounting faster and easier where liquid will not do the job. Approved by major rubber companies.
Part No. 2000, 8 lb. pail.
Part No. 2005, 25 lb. pail.

MURPHY'S COTTON SWAB
Cotton swab for applying lubricants.
Part No. 2990.



DURACOOL®

Duracool 12a® Refrigerant

•System head pressure reduction and non-corrosive formula means greater system longevity •Non-toxic, non-global warming and non-ozone depleting •Fully compatible with mineral and synthetic system oils •Patented friction fighting additive for enhanced performance and safety
NOTE: All cylinders equipped with conversion fitting to ensure either R-12 or R-134a hoses/gauges can be utilized. Core charges apply to 30 lb. and 50 lb. cylinders. A/C system tags enclosed.

Part No. F006, 6 oz. can Duracool 12a® refrigerant; standard R-134a thread.
Part No. F30, 30 lb. cylinder Duracool 12a® refrigerant.
Part No. F50, 50 lb. cylinder Duracool 12a® refrigerant.
Part No. DC0026, Consumer Recharge Kit. Contains (2) 6 oz. cans Duracool 12a® refrigerant, 1 disposable hose kit, high and low fitting set.

Air Conditioning Solutions & Hose Kits

DURACOOL SYSTEM SEAL™
Seals troublesome hard to find leaks. Compatible with all mobile air conditioning refrigerants and lubricants. Formulated for sealing leaks in evaporators, condensers, gaskets, "O" rings, metal and rubber hoses. Easy to follow instructions, will not harm air conditioning components when used according to instructions. 113 g.
Part No. DC0013.

DURACOOL SEALQUICK™
Assists in preventing winter loss, ideal for preventative maintenance. Seals leaks in mobile air conditioning systems and conditions hoses, gaskets, seals and "O" rings. Easy to follow instructions, will not harm air conditioning components when used according to instructions. 113 g.
Part No. DC0011.

DURACOOL DURADRY™
Moisture is one of the leading causes of air conditioning system failures. Easy to use Duradry removes moisture from mobile air conditioning systems. A must-use companion for air conditioning sealers and stop leak additive. 113 g.
Part No. DC0009.

DURACOOL A/C OIL CHILL™
With O.E.M. approved ultraviolet leak detection dye. Compatible with all mobile air conditioning refrigerants and lubricants. Will not absorb moisture and is the only air conditioning lubricant you need. Low miscibility means that the oil stays in the compressor where it's required. Lowers vent temperatures — lowers compressor operating temperatures — one lubricant does it all! 113 g.
Part No. DC0015.

ECONOMY A/C R-134a CHARGING HOSE
For connection to the low-port side, automotive A/C systems. Quick disconnect for R-134a system threads. Can pierce end constructed of combination brass and plastic, threaded for Duracool refrigerant cans or standard R-134a refrigerant cans. Hose constructed of high-density plastic. Suitable for multiple uses.
Part No. DC3000.

DURACOOL®

Air Conditioning Fittings & Adapters

BRASS CONVERSION FITTINGS
Pair of conversion fittings converts high side and low side R-12 ports to R-134a quick release fitting. (Most vehicles.)
Part No. DC0098.

BRASS CAN TOP PIERCING ASSEMBLY
½" F-Acme x ¼" M-Flare (to R-12 hose). Ideal for Duracool 6 oz. cans or other brands with R-134a ½" Acme threaded top.
Part No. DC6000.

BRASS CAN TOP PIERCING ASSEMBLY
½" F-Acme x ½" Acme male to R-134a hose. Ideal for Duracool 6 oz. cans or other brands with R-134a ½" Acme threaded top.
Part No. DC6001.

AC PLASTIC CAPS
Low side, corrosion proof and seal tight for valve leak prevention. Pack of 5.
Part No. DC8087.

AC PLASTIC CAPS
High side, corrosion proof and seal tight for valve leak prevention. Pack of 5.
Part No. DC8088.

BRASS CONVERSION FITTING (CAPPED)
High side. Converts high side R-12 port to R-134a quick release fitting most 1970 series vehicles, farm tractors, older imports, and heavy trucks. ¼" (7/16"-20) x 16 mm.
Part No. DC1471.

REFRIGERANT

134a Refrigerant

Production of chlorofluorocarbons (CFCs) has been phased out. Environmentally acceptable replacement compounds are therefore needed for use in existing medium and low temperature refrigeration applications. Refrigerant 134a was developed to meet these needs. Refrigerant 134a is a commercially available hydrofluorocarbon (HFC) refrigerant for use as a long term replacement for R-12.

30 lb. cylinder 134A refrigerant.
Note: Core charge applies
Part No. A5995.

Body Shop Professional Products

OVERSPRAY CLAY No. C2000.
A uniquely formulated surface preparation clay to safely and quickly remove overspray, tree sap mist, and other airborne pollutants without staining or scratching the surface. Use in conjunction with Meguiar's Final Inspection (M3416).
Part No. C2000, 200 gram container.

SWIRL FREE POLISH No. 82.
A high performance blended polish with cleaning power to effectively remove fine scratches and eliminate swirl marks fast, while giving a glistening "new paint" shine.
Part No. M8232, 32 oz. liquid.

DUAL ACTION CLEANER/POLISH No. 83.
A perfect combination of "Buffered Abrasives" and rich polishes to provide a single step cleaner and polish all in one.
Part No. M8332, 32 oz. liquid.

COMPOUND POWER CLEANER No. 84.
A special formulation of aggressive "Diminishing Abrasives" for fast and safe removal of sanding scratches and other surface defects. These abrasives cut quickly, then reduce to a gently polishing rouge.
Part No. M8432, 32 oz. liquid.

Mirror Glaze Professional Cleaners & Polishes

MEDIUM CUT CLEANER No. 1.
A moderate abrasive cleaner for removing medium defects, including swirl marks, oxidation, and water sanding marks.
Part No. M0116, 16 oz. liquid.
Part No. M0164, 64 oz. liquid.

FINE CUT CLEANER No. 2.
A mild abrasive cleaner for removing fine surface defects, light oxidation, stains, scratches, swirls, and mild water spots.
Part No. M0216, 16 oz. liquid.

MACHINE GLAZE No. 3.
This product uses unique penetrating nutrients that effectively revitalizes all paint finishes, restoring them to their original brilliance and clarity.
Part No. M0316, 16 oz. liquid.
Part No. M0364, 64 oz. liquid.

HEAVY CUT CLEANER No. 4.
A more aggressive formula for removing coarse paint defects such as deep swirls, acid rain etchings, industrial fallout, scratches, oxidation, and water sanding scratches.
Part No. M0416, 16 oz. liquid.

SHOW CAR GLAZE No. 7.
A hand applied polish that is specially formulated to nourish all paint finishes with rich polishing oils to give a deep "wet look" shine. Outshines all other hand applied polishes, glazes, waxes, and sealants. Does not dry white.
Part No. M0716, 16 oz. liquid.

SWIRL REMOVER No. 9.
A combination cleaner/polish used to give a deep dark shine, while removing light scratches and swirl marks. Low VOCs formula to reduce splatter and make application and wipe-down easier.
Part No. M0916, 16 oz. liquid.

QUICK DETAILER No. 66.
A one-step cleaner/wax, specially formulated for high production reconditioning for the quick and safe removal of oxidation and blemishes while restoring a deep gloss and providing a durable wax finish.
Part No. M6601, 1 US gallon.

Maintenance Products

GOLD CLASS PREMIUM LEATHER CLEANER & CONDITIONER No. 72.
Luxurious, one-step treatment safely cleans and protects leather and leaves the surface rich and natural. Mild cleaners provide safe cleaning action without stripping nutrients or protection. Special oils moisturize and condition the leather so it remains rich and supple. Totally pH-balanced leaving no artificial slickness.
Part No. G7214, 14 oz. liquid.

CLEAR PLASTIC POLISH No. 10.
Used to safely restore and maintain optic clarity to all clear plastics. Also leaves the surface static-free, thus repelling dust. Safe and effective on both acrylic and polycarbonate surfaces.
Part No. M1008, 8 oz. liquid.

CLEAR PLASTIC CLEANER No. 17.
A non-abrasive cleaner used to remove fine hair line scratches from all types of clear plastics. Perfect cleaner for eyeglasses, computer screens, convertible windows, helmet visors, instrument panels, and all clear plastics.
Part No. M1708, 8 oz. liquid.

CLEAR PLASTIC CLEANER/POLISH No. 18.
An easy to use spray on and wipe off product for light cleaning on clear plastics. Non-abrasive formula that removes smudges and residue without scratching. It restores clarity and gives an anti-static surface.
Part No. M1808, 8 oz. liquid.

FINAL INSPECTION No. 34.
Quick clean-up for a "Show Car Shine" with a fast mist-on, wipe-off special lubricity formula which removes dust and dirt without scratching; instantly and without water. Enhances finishes as well as being paintable and body shop safe.
Part No. M3416, 16 oz. liquid spray.

HEAVY DUTY VINYL CLEANER No. 39.
Formulated to remove tough, ground-in dirt from excessively-soiled vinyl, rubber, and textured non-skid surfaces. Apply to vinyl tops, bumpers, plastic door panels, car and boat interiors, luggage and furniture.
Part No. M3916, 16 oz. liquid spray.

VINYL & RUBBER CLEANER/ CONDITIONER No. 40.
A complex formula that cleans, penetrates, and rejuvenates vinyl and rubber surfaces. Durable protection that screens out damaging ultraviolet rays, restoring life and colour, leaving a rich, natural sheen.
Part No. M4016, 16 oz. liquid spray.
Part No. M4001, 1 US gallon.

Meguiar's since 1901

Professional Body Shop & Automotive Products

Wash & Wax

GOLD CLASS CAR WASH SHAMPOO & CONDITIONER No. 71.
Designed for the enthusiast who washes often. The rich ingredients protect and enhance the finish and won't strip off wax protection. Special conditioners leave the surface so slick that water sheets off the car.
Part No. G7116, 16 oz. liquid.

GOLD CLASS PREMIUM WAX No. 70.
The most reflective and finest Car Wax from Meguiar's. This formula with its incredible reflective qualities will darken the colour bringing out the full richness of the paint, creating a clear, sharp reflection. It glides on and off easily, cleans the surface, removes swirl marks, adds polishing oils, reduces UV ray penetration, and adds tough, long lasting polymer protection.
Part No. G7014, 14 oz. paste.
Part No. G7016C, 16 oz. liquid.

HI-TECH WASH No. 00.
This concentrated formula foams away dirt and grime while enhancing gloss and protection of your wax. It is detergent free to guarantee gentle cleansing, without stripping away protection and gloss.
Part No. M0016, 16 oz. liquid.

LIQUID CLEANER WAX No. 6.
Easy to use, one-step, product that will clean, polish, and protect in one easy application. Will remove light oxidation creating a long lasting, high gloss finish. Can be used by hand or machine.
Part No. M0616, 16 oz. liquid.

HI-TECH YELLOW WAX No. 26.
A sophisticated blend of premium yellow Carnauba wax, silicones, polymers, and other waxes that gives maximum gloss and protection and adds richness and depth of colour.
Part No. M2611, 11 oz. paste.
Part No. M2616, 16 oz. liquid.
Part No. M2601, 1 US gallon.

Marine & RV Care

Wash Products

BOAT/RV WASH
Safely removes grime and dirt with special ingredients which extend the life of the suds with a refreshing scent.
Part No. M4364, 64 oz. liquid.

BOAT/RV GEL WASH No. 54
Biodegradable wash lifts boat scum, dirt, salt spray, grime, bird droppings, and other fresh contaminants while not stripping wax. Conditioners in wash increase shine and slickness while sheeting action greatly reduces drying time.
Part No. M5416, 16 oz. liquid.
Part No. M5401, 1 US gallon.

Cleaners

ODOUR ELIMINATOR.
Removes offensive odours such as smoke, sweat, pet odour, food smells.
Part No. G2310, 10 oz. spray.

HOT RIMS ALL WHEEL CLEANER.
Highly effective formula which removes road grime and brake dust on all wheel surfaces. Tough, penetrating, neutralizing agents dissolve and lift the dirt and grime by breaking it down and washing it away. Spray it on and hose it off.
Part No. G9524, 24 oz. trigger spray.

COLOUR RESTORER No. 44.
Quickly removes light to moderate oxidation, stains, and blemishes on all fibreglass and painted surfaces. Revives faded, oxidized surfaces to their original vibrant colour, and is a safe alternative to a rubbing compound.
Part No. M4416, 16 oz. liquid.

HEAVY DUTY OXIDATION REMOVER No. 49.
Removes heavy oxidation, scratches, stains, and tough water spots on all fibreglass and painted surfaces. Restores colour by effectively removing surface degradation, and is a safe alternative to a rubbing compound.
Part No. M4916, 16 oz. liquid.
Part No. M4901, 1 US gallon.

QUIK CLEAN MARINE No. 52.
Quickly and safely removes fresh water spots, mineral deposits, salt spray, boat scum, and other fresh contaminants. Easy spray and wipe maintains your boat's high gloss finish between washings.
Part No. M5216, 16 oz. liquid.

Polish & Protection

BOAT/RV POLISH No. 45.
Creates a brilliant high gloss finish while restoring optimal gloss on fibreglass and painted surfaces after cleaning. Valuable oils to feed and nourish the fibreglass or painted surfaces are restored, and is especially effective on dark colours.
Part No. M4516, 16 oz. liquid.

ONE STEP BOAT/RV CLEANER/WAX No. 50.
A non-abrasive formula that cleans, polishes, and protects all boats and RVs in one easy step by removing light oxidation and haze, minor scratches and swirls. Provides a long-lasting protection against salt air, corrosion, and the sun's ultraviolet rays.
Part No. M5014, 14 oz. paste.
Part No. M5016, 16 oz. liquid.
Part No. M5032, 32 oz. liquid.
Part No. M5001, 1 US gallon.

BOAT/RV PURE WAX No. 56.
Unique, high gloss protection for fibreglass and all painted surfaces by using a combination of a blend of pure Brazilian Carnauba wax with silicones, polymers, and resins to maintain extraordinary gloss and protection while protecting against the sun's ultraviolet rays.
Part No. M5616, 16 oz. liquid.

QUIK SPRAY WAX No. 59.
Provides incredible gloss with light wax protection, quickly and easily and is excellent for maintaining brilliant gloss and protection between periodic waxings. Perfect for use on fibreglass, painted surfaces, painted aluminum, stainless steel, clear plastic and other non-porous surfaces.
Part No. M5916, 16 oz. liquid.

FLAGSHIP PREMIUM MARINE WAX No. 63.
Dramatically deepens the colour and enhances the clarity of gelcoat and polyurethane paints (including clear coats) while removing light oxidation, dullness and swirls while adding polishing oils and reducing UV ray penetration giving a tough, long-lasting polymer protection.
Part No. M6316, 16 oz. liquid.

Meguiar's since 1901

Specialty Products

ALL METAL POLISH
Safe and effective deep cleaning formula with long lasting protection for all marine bright work, including: aluminum, stainless steel, brass, chrome, gold, and other metal surfaces.
Part No. M2805, 5 oz.

BOAT/RV FIBREGLASS OXIDATION REMOVAL KIT
3-step process renews oxidized fibreglass and painted surfaces to a high gloss shine while cleaning the most difficult surfaces then restoring them to a brilliant, durable high gloss. Contains Heavy Duty Oxidation Remover (#49), Boat & RV Polish (#45), Boat & RV Pure Wax (#56).
Part No. M4965, 3-pack kit: each bottle is 16 oz. liquid.

VINYL & RUBBER CLEANER CONDITIONER No. 57.
Deep cleans and revitalizes vinyl and rubber surfaces while restoring colour to a rich natural sheen. Screens out damaging UV rays that can dry out and crack the surface.
Part No. M5716, 16 oz. liquid.
Part No. M5701, 1 US gallon.

NEW BOAT OWNER'S KIT
Complete starter kit for a new boat owner designed to keep the boat looking great every day. Includes #M6316 Flagship Premium Marine Wax, #M5216 Quick Clean Marine, #M5416 Boat/RV Gel Wash, #W0004 Applicator Pad.
Part No. M6365.

MOLD RELEASE WAX
Costly blend of imported waxes specially formulated to provide the maximum number of releases per application and is useful on tooling, new molds, and production use.
Part No. M0811, 11 oz. paste.

RICH LEATHER WIPES
Protects against spills and UV exposure with a combination of the safest and strongest cleaning formula, the most luxurious aloe enriched conditioner and best long-lasting protection formula.
Part No. G10900, 25 wipes per container.

PROTECTANT WIPES
For vinyl and rubber. Wipes revive plastic, vinyl, and rubber trim surfaces with long-lasting water resistant protection, including antioxidants that keep rubber from turning brown.
Part No. G11500, 25 wipes per container.

Accessories

SOFT FOAM BUFFING PADS
Unique fibre-free foam pads that add gloss and depth of colour to fibreglass and painted surfaces.
Part No. W7000, 8" cutting pad for effective cleaning.
Part No. W8000, 8" finishing pad for polishing.
Part No. W9000, 8" finishing pad for polishing and waxing.
Part No. W1000, 8" all purpose buffing pad w/ backing plate attached.
Part No. W5500, 5" all purpose buffing pad.

ULTIMATE WIPE DETAILING CLOTH
Unique cloth eliminates swirl marks producing a clearer, deeper shine.
Part No. M9910.

8" WOOL CUTTING PAD W/ VELCRO BACK
Part No. W4000.

2.5" FOAM APPLICATOR PADS FOR HAND APPLICATION
Part No. W0004, Pack of 4.

8" BACKING PAD FOR VELCRO PADS
Part No. W65.

W9000

W65

W4000

"Gold Class" Premium Car Care Accessories

VERSA-ANGLE WHEEL FACE BRUSH
•Designed to safely wash and clean any wheel surface •Made with super soft bristles to prevent scratching •Added contours for greater surface contact and more efficient cleaning •Ergonomic handle reverses the angle
Part No. X-1020.

EXTRACTOR/HAIR REMOVER
•To quickly and efficiently remove pet hair and lint •Two-sided static electricity producing rubber bristles •Long bristles ideal for carpet and deep pile •Short bristles work great on upholstery
Part No. X-1140.

VERSA-ANGLE ULTRA SAFE WHEEL SPOKE BRUSH
•Designed to safely wash and clean any wheel surface •Ergonomic handle reverses the angle of the brush head to give you the best cleaning angle for the job
Part No. X-1160.

VERSA-ANGLE ADJUSTABLE BODY DUSTER
•Safely removes light surface dust •Interchangeable handles •Paraffin treated dust head traps dust •Accu-Grip handle ensures comfortable and cushioned grip and feel
Part No. X-1180.

"Gold Class" Premium Car Care Accessories

SUPER ABSORBENT WATER MAGNET TOWEL

•Absorbs up to 3 times the water of traditional terry towels •Extra large 22" x 30" towel •Fast, spot-free results •Ultra safe and ultra plush
Part No. X-2000.

SUPREME SHINE MICROFIBRE TOWEL

•For amazing mirror-like shine on all finishes •Dual sided microfibre pile absorbs 3 times more than traditional terry towels •Pre-washed for maximum absorbency •Clear coat safe, satin safety edges
Part No. X-2010, Single pack.
Part No. X-2020, Pack of 3.

ULTRA PLUSH SUPER TERRY TOWEL

•To provide superior absorption for swirl-free surfaces •Spa quality thickness and plushness •Satin safety edging prevents scratching •Pre-washed for instant, lint-free absorbency
Part No. X-2050, Pack of 2.

MICROFIBRE SUPER SUEDE DRYING TOWEL

•Achieves spot-free effortless drying •Easy chamois-like performance •Absorbs buckets of water •Dries soft for instant usability
Part No. X-2070.

SUPER THICK NATURAL CHAMOIS

•Quickly and efficiently dries vehicle surfaces •Unsurpassed thickness and premium tanning process produce maximum absorbency and durability •100% natural sheepskin •2 square feet
Part No. X-2090.

EVEN-COAT APPLICATOR

•Provides unsurpassed application results •Specialized microfibre material produces amazing results when applying wax or protectant •Ideally sized for long term comfort •Wash and dry as you would any towel
Part No. X-3080.

HIGH TECH APPLICATOR PAD

•Provides safe wax application •Tight cell, ultra soft foam for even and safe wax application •Washable and reusable
Part No. X-3070.

Meguiar's since 1901 Canada

MOTHERS®

Waxes, Polishes, & Cleaners

TRY THE ULTIMATE 3-STEP WAX SYSTEM WITH MOTHERS PRODUCTS:

Begin with:
Part No. 37100, 473 ml bottle California Gold Pre-Wax Cleaner.

Followed by:
Part No. 38100, 473 ml bottle California Gold Sealer and Glaze.

And finishing with your choice of:
Part No. 35550, 340 gram can California Gold Natural Formula Carnauba Paste Wax.
Part No. 35750, 473 ml bottle California Gold Natural Formula Carnauba Liquid Wax.

Paint Care Products

California Gold Car Wash Concentrate
Part No. 35600, 473 ml bottle.
Part No. 35632, 946 ml bottle.

California Gold Original Formula Carnauba Cleaner
Part No. 35500, 340 gram can Paste Wax.
Part No. 35701, 473 ml bottle Liquid Wax.

California Gold Showtime® Instant Detailer
Part No. 38216, 473 ml spray bottle.

California Gold Clay Bar Paint Saving System Kit
Includes: 80 gram Clay Bar, 473 ml Showtime® Instant Detailer, 4 oz. Original Formula Carnauba Cleaner Wax
Part No. 37240.

California Gold Scratch Remover
Removes surface scratches, improves appearance, works on all colours and is safe for clearcoats
Part No. 08408, 236 ml bottle.

Wheel & Metal Care Products

WHEEL MIST® MULTI-PURPOSE WHEEL CLEANER
Part No. 35922, 650 ml bottle.

CHROME POLISH
Part No. 35208, 236 ml bottle.

MAG & ALUMINUM POLISH
The original "Mag Wheel" polish. Cleans, polishes, and protects. The secret formula is world renowned for providing the easiest deepest shine for aluminum wheels, manifolds, valve covers, brass trim, all alloy parts, and accessories. Strong enough to clean the most neglected metals yet gentle enough to use every day.
Part No. 35100, 141 gram can.
Part No. 05101, 283 gram can.
Part No. 05102, 1 gallon can.

BILLET METAL POLISH
Billet Metal Polish takes the world famous Mothers metal polish technology to a whole new level. State of the art cleaners and cutting edge formulation give your billet, forged and finely cast aluminum, brass and other polishable metals the absolute finest finish available — guaranteed. If you've spent big bucks on quality metal accessories, step up to a polish worthy of your investment.
Part No. 05106, 4 oz. can.

MOTHERS® POWERBALL™
The patent-pending PowerBall is the first foam polishing tool designed to revitalize billet, diamond plate, polished aluminum, stainless steel, plastic lenses, convertible top windows and much more. When used with Mothers® PowerMetal™ polish, the PowerBall is ideal for use on any uncoated, polishable metal finish. Its unique and durable construction compresses to fit tight spaces, so polishing difficult, intricate metalwork to a mirror-like finish is fast and easy.
Part No. 05140.

MOTHERS® POWERBALL MINI™
Takes your intricate, hard to reach, tedious polishing jobs and makes them easy. It retains the PowerBall's signature speed, ruggedness, and versatility, while adding reach and pinpoint accuracy for those knuckle-busting jobs. It's perfect for polishing wheels, diamond plate, taillight lenses, engine components, and much more. With 10" extension.
Part No. 05141.

Interior Solutions & Special Care

BACK-TO-BLACK® EXTERIOR BUMPER AND TRIM CARE
Part No. 36108, 237 ml bottle.

PLASTIC POLISH FOR ALL PLASTIC AND ACRYLICS
Part No. 06208, 237 ml bottle.

LEATHER CLEANER
Part No. 36412, 355 ml spray bottle.

LEATHER CONDITIONER
Part No. 36312, 355 ml bottle.

CARPET & UPHOLSTERY CLEANER
Part No. 05424, 710 ml spray bottle.

PRESERVES! PROTECTANT
Beautifies and protects
Part No. 35316, 473 ml spray bottle.
Part No. 35302, 3.79 litre bottle.

MOTHERS® Polishes•Waxes•Cleaners INCORPORATED

Multi-Surface Protectants

ARMOR ALL PROTECTANT
Is unique. It renews, revitalizes and protects rubber, vinyl, plastic, leather, and wood by combining with their fibres to form a thin, tough layer that blocks the cracking and rotting effect of oxygen. Surfaces treated with Armor All Protectant shed water, dirt, and static electricity. Armor All Protectant is non-toxic, odourless, non-flammable, and safe for most materials. Best ever UV protection.
Part No. 10125, 118 ml plunger spray bottle
Part No. 11300, 300 ml plunger spray bottle
Part No. 78021, 473 ml trigger spray bottle
Part No. 78024, 946 ml trigger spray bottle
Part No. 12035, 1.89 litre refill bottle
Part No. 16000, Spongepack

ARMOR ALL ULTRASHINE PROTECTANT
Higher shine for dashboard, tires and trim. Long lasting shine and protection. Protects against discoloration and cracking. Keeps your car looking like new.
Part No. 32062, 475 ml trigger spray bottle

Cleaners

ARMOR ALL OXI MAGIC CARPET AND UPHOLSTERY CLEANER
Breaks down tough stains with the power of activated oxygen. Less scrubbing. Let the oxygen bubbles do the work! Works like magic on: coffee, juice, soft drink, tea, mud, dirt, grass, and motor oil. Can be used to clean: carpet, upholstery, floor mats, vinyl, and door panels.
Part No. 10926, 650 ml trigger spray bottle

ARMOR ALL MULTI-PURPOSE CLEANER
Great for cleaning almost anything. Specially formulated to remove tough ground-in dirt, grease, tar, and more without drying out or fading even delicate surfaces. For automobiles, home, or shop use.
Part No. 78172, 600 ml trigger spray bottle

ARMOR ALL AUTO GLASS CLEANER
Specially designed to safely remove tough road grime, bugs, dirt, and oily film from all automotive glass — even tinted windows. Streak free.
Part No. 32061, 650 ml trigger spray bottle

Multi-Purpose Wipes

ARMOR ALL PROTECTANT WIPES
Protects and shines. One step protection. Great for touch ups. Guards against UV damage. Keeps your car looking like new.
Part No. 10859, 25 wipes in pop up container

ULTRA SHINE WIPES
Higher shine for dashboard, tires and trim. Long lasting shine and protection. Protects against discoloration and cracking. Keeps your car looking like new.
Part No. 32063, 20 wipes in pop up container

ARMOR ALL CLEANING WIPES
One step cleaning. Cleans dash, vinyl and fabric. Helps keep your car looking like new. Great for dust.
Part No. 10869, 25 wipes in pop up container

ARMOR ALL ORANGE CLEANING WIPES
Specially formulated with natural orange degreasers. Powers out tough dirt. Safe for all auto surfaces. Lint free.
Part No. 10925, 25 wipes in pop up container

ARMOR ALL LEATHER WIPES
One step - cleans and protects. Protects against spills and stains. Safely cleans dirt and soil. Specially designed for leather. Keeps your leather looking like new.
Part No. 10856, 20 wipes in pop up container

ARMOR ALL GLASS WIPES
Removes film and grime on glass. One step glass cleaning. Safe for factory tinted windows. Helps keep your windows looking like new. Great for fingerprints.
Part No. 10850, 25 wipes in pop up container

Tires & Rims

ARMOR ALL TIRE FOAM PROTECTANT
A great new way to clean tires! No wiping...no rags...no mess...just walk away! The foaming action lifts dirt right out of the tire's sidewall, giving even coverage with a deep, lustrous shine. This product won't damage wheels or paint and it's ozone friendly (no CFCs).
Part No. 78173, 567 gram aerosol

ARMOR ALL RIM CLEANER
Removes tough road dirt and brake dust from all types of wheels. Spray on, let sit for 60 seconds, then hose off.
Part No. 40340, 710 ml trigger spray bottle

Wash

ARMOR ALL LIQUID CONCENTRATE CAR WASH
Safely tackles tough dirt, grime, and road film without stripping your wax like household cleaners. Its rich, deep-foaming formula sheets away water and fights water spots, leaving a water beading just-waxed shine. Cold water formula.
Part No. 25101, 715 ml bottle
Part No. 25102, 1.89 litre jug

NO TOUCH®
Tire, Wheel & Glass Care Products

HIGH SHINE® TIRE CARE
60% more shine ingredients than Original Tire Care. It cleans, shines and protects tires better than anything on the market today. Provides maximum U.V. protection leaving a high gloss shine.
Part No. NTHS21, 600 gram aerosol

ORIGINAL TIRE CARE
The original patented formula established the one-step tire care category. No Touch Tire Care leaves a rich, satin finish and a protective barrier that helps repel dirt, dust and moisture.
Part No. NT21, 600 gram aerosol

WET 'N' PROTECT® TIRE FINISH
This clear liquid easily sprays on clean tires for an ultra WET high-gloss finish. Protects against ozone damage.
Part No. WP15, 425 gram aerosol
Part No. WPTS, 651 ml bottle

NO TOUCH® SERIOUSLY WET™ EXTREME TIRE SHINE
Sprays on wetter for an exceptionally long-lasting ultra high gloss shine. With an advanced 3 way spray, select a low, medium or high spray pattern to fit any profile of tire. No Touch Seriously Wet utilizes 100% active shine ingredients and protects tires from UV and ozone damage. No petroleum distillates.
Part No. NTSW, 425 gram aerosol.

ALL WHEEL CARE®
Cleans, shines and protects wheels. This advanced formula loosens road grime and brake dust for easy removal, leaves a shine and a protective barrier. Contains no acids.
Part No. AWC20, 567 gram foaming aerosol

GLASS AND SURFACE CLEANER
This extra-strength clear liquid automotive formula safely cleans glass and hard surfaces like bumpers and chrome.
Part No. GSC20, 600 ml spray bottle

INSTANT RAIN SHIELD™ WINDSHIELD COATING
Forms an instant coating on windshield to repel rain, sleet and snow. Spray on in rainy conditions with no wiping necessary. Great for highway driving.
Part No. RS6, 170 gram aerosol

AUTO GLASS STRIPPER®
Heavy duty cleaner specially formulated for auto windshields. Removes silicone build-up, hard water stains, mud, oil and tar that other cleaners can't.
Part No. GS8, 240 ml bottle

INTERIOR SHINE 'N PROTECT™
Quickly and easily restores rich lustre to faded vinyl, plastic and rubber surfaces. Distributes a rich, even shine on surfaces without the need for wiping and buffing. Long lasting shine and UV protection. For rubber, plastic, and vinyl surfaces.
Part No. NTIS11, 312 gram aerosol

RAIN-X®
Hi-Tech Products

RAIN-X® DE-ICER PREMIUM WASHER FLUID
Removes light ice and frost. Will not ice up your windshield. Provides freeze protection down to -40°C.
Part No. QSRX68606CN, 4 litre bottle.

RAIN-X® GLASS TREATMENT
An ultra-thin, absolutely invisible non-stick coating that can be easily and quickly applied to windshields, windows, mirrors, and lights — just like a plasti — to make them remarkably water, soil, and stain repellent.
Part No. BCRX11168CN, 22 ml ready-to-use towelette.
Part No. BCRX11212CN, 200 ml bottle.

RAIN-X® ANTI-FOG
A 100% solvent-solubalized surface active micro-polymer that absorbs surface moisture — on contact — to let you see clearly through glass and plastic transparencies and mirrors.
Part No. BCAF21212CN, 200 ml bottle.

NEVR-DULL
JJJ/1470

Wadding Polish

NEVR-DULL
The original wadding polish. Cleans all metals with nothing to shake up, nothing to spill! Great on brass, copper, steel, aluminum, chromium, nickel, pewter, zinc, silver and gold. Removes rust, tar and grime off the chrome on your vehicle. 142 gram tin.
Part No. ND12.

MAGIC MIX®
LLL/2933

Metal Polish / Metal Cleaner

Magic Mix® Metal Polish "The Lazy Man's Polish" This fantastic product will cut your polishing time by 80%. Its application is easy-on, easy-off — guaranteed! You can use it on all metals and oxidized paint. Shines and protects aluminum, chrome, stainless steel, diamond plate, brass, gold, silver, magnesium, and copper. It removes oxidation, tar, and bugs from paint — and will even remove rust from chrome.

Magic Mix® Metal Cleaner is a great surface prep/cleaner. It will remove stains and oxidation from all the metals Magic Mix® Metal Polish will polish.
Part No. 710XX611, 237 ml bottle Magic Mix® Metal Polish
Part No. 710XX640, 473 ml bottle Magic Mix® Metal Polish
Part No. 710XX648, 237 ml bottle Magic Mix® Metal Cleaner

The Original MAGIC MIX®
QUALITY POLISHES AND WAXES

JEWELER'S ROUGE
LLL/1739

Aluminum, Stainless Steel, & Chrome Polishes

•Jeweler's Rouge puts a jewel of a shine on trucks - To begin the simple two-step process, use Tripoli rouge with the applicable buff; then follow with either green, white, or blue rouge (depending on the type of finish you desire).

BUFFS
For polishers up to 3600 rpm, use an Airway Buff.
For polishers over 3600 rpm, use the Sewn Muslin Buff.
•White buffs give a higher finish/polish.
•Yellow buffs should be used on Step 1 procedures.
•4" flanges are also available when using buffs with power polishers
Part No. BUFF-YA, 8" yellow airway buff.
Part No. BUFF-WA, 8" white airway buff.
Part No. BUFF-YM, 8" yellow sewn muslin buff.
Part No. BUFF-WM, 8" white sewn muslin buff.
Part No. FLANGE, Pair of 4" steel flanges.

ROUGE
Tripoli (reddish brown). Fast cutting and easily cleaned up. For use as first steps on aluminum and stainless steel.
Green gives a slightly bluish finish on aluminum, stainless steel and chrome.
White for a high, mirror finish on aluminum, stainless steel, and chrome.
Blue Lightning for show pieces — high mirror finish.
Part No. BAR-TRIPOLI, 2 lb. Step 1 pre-polish bar.
Part No. BAR-GREEN, 2 lb. Step 2 polish bar.
Part No. BAR-WHITE, 2 lb. Step 2 polish bar.
Part No. BAR-BLUE, 2 lb. Step 2 polish bar.

Muslin
Airway

BASE COAT/CLEAR COAT™ EXTRA (BEST "GOLD")

Premium tack free lightweight auto body filler. •New "Smooth as Glass" self-levelling formula, no bleach, no bleed, no stain •Extra adhesion to "galvanized, Zinc-treated, E-coat" and aluminum surfaces •Pinhole, sag and shrink resistant, all weather formula •With raspberry cream hardener

Part No. 16060, 1 gallon.
Part No. 16063, 3 gallon, air.
Part No. 16066, 3 gallon, mechanical.
Part No. 16065, 5 gallon, air.
Part No. 16067, 5 gallon, mechanical.

FEATHER-RITE®

"White" tack free, fast sanding lightweight auto body filler. •Will not load-up sandpaper and files, saves money •The most popular white filler •Formulated with special polyester resin and microscopic glass beads for superior results •Superb spreadability and workability, smooth and creamy •Excellent feather-edging properties, no sag formula •With red cream hardener

Part No. 21335, 1 quart.
Part No. 21330, 1 gallon.
Part No. 21360, 2 gallon.
Part No. 21334, 3 gallon, mechanical.
Part No. 21350, 5 gallon, air.
Part No. 21351, 5 gallon, mechanical.

KROMATE® LIGHT

"Gold" tack free lightweight auto body filler. Now vacuum processed for easier sanding. •Reduces time and cost of sanding and filing, with minimal airborne dust •Smooth and creamy formulation offers extended workability •Virtually eliminates pinholes, provides superior feather-edge •Non-separating, non-shrinking formula for uniform consistency throughout •With red cream hardener

Part No. 12060, 1 quart.
Part No. 12050, 1 gallon.
Part No. 12073, 3 gallon, air.
Part No. 12080, 5 gallon, air.

ICING®

Pourable, brushable polyester finishing putty. •Ultra smooth, incredibly easy to sand •Tack free, sand in 15 - 20 minutes •Helps prevent bleedthrough when used with Base Coat/Clear Coat™ body filler •Pinhole resistant, no shrinkage •Great feather-edging •Adheres to galvanized surfaces •With raspberry cream hardener

Part No. 26006, 24 fl. oz. soft squeeze tube.
Part No. 26004, 30 fl. oz. can.

HALF TIME™

One-step filler and glazing putty. •Applies like a premium body filler and finishes like the best glazing putty you've ever used! •Builds to 1/8" •Extremely easy to sand •Guaranteed to cut repair time, fills and glazes in one easy step •Stain-free, no-bleed formula •Tack free, sand in 15 - 20 minutes •Adheres to galvanized surfaces •With raspberry cream hardener

Part No. 21002, 24 fl. oz. soft squeeze tube.
Part No. 21000, 1/2 gallon can.

RED GLAZING PUTTY

Extremely fine texture fills pinholes, scratches, and dimples on bare metal and hardened plastic fillers •Best under lacquer, acrylic, and synthetic finishes •One component air dry system needs no hardener or mixing

Part No. 32035, 1 lb. tube.

DURAGLAS®

The #1 fibreglass filled body filler. •The original, premium all-purpose reinforced body filler •Repairs rusted-out areas, holes, tears and cracks on metal, wood, and fibreglass •Combines resin and chopped fibreglass, giving Duraglas superior strength over ordinary plastic fillers •Can also be used with fibreglass cloth to cover large holes in a fraction of the time it takes to weld in a patch •Rustproof and waterproof •With white cream hardener

Part No. 24035, Squat quart can.
Part No. 24030, 1 gallon.

LONG 'N STRONG™

Super strength "long-strand" reinforcing compound. •The preferred filler to use when repairing large rusted-out metal areas and cracked or shattered fibreglass to its original strength •Contains extra long strands of chopped fibreglass that provide extra strong bonding power •No-sag formula lets you use Long'n Strong in cracks, holes, edges behind panels or any other difficult area that needs strong reinforcing •Rustproof and waterproof •With blue cream hardener

Part No. 23020, 1 quart.
Part No. 23010, 1 gallon.

ALL-METAL®, "THE ORIGINAL"

Premium aluminum filled repair compound for the true craftsman. •The world's first aluminum filled repair compound •Preferred product for restoration work and classic car repairs •Excellent adhesion to metals or wood, can be drilled and tapped •Prevents bleed-through and bleaching •Ideal for metal levelling and mending, rust repair, use over spot welds and as a finish or barrier coat over all types of fillers •Rustproof and waterproof •Requires minimal shaping or grinding, has the look and feel of lead •Includes all-metal liquid reactor

Part No. 14060, 1 quart.
Part No. 14010, 1 gallon.

ALL-METAL® REACTOR

Specially formulated for use with All-Metal®. Unique orange formula.

Part No. 30045, 1/2 oz.
Part No. 30040, 2 oz.

FIBREGLASS RESIN

Improved formula for better wetting and more flexibility •Use with fibreglass mat or cloth to repair rust-outs, holes, tears, and cracks •Ideal for custom molding •Faster cure time; includes USC's fast-acting liquid hardener

Part No. 58015, 1 quart.
Part No. 58020, 1 gallon.

LIQUID HARDENER

Fast acting for a permanent bond in minutes •For the strongest bond possible, use with Fibreglass Resin sold above

Part No. 30015, 2 oz.

Autobody Products

CREAM HARDENERS
Precise factory formula for the strongest bond possible •For best results use with USC plastic fillers
Part No. 27120, 1 oz. RED
Part No. 27020, Box of 24, 1 oz. RED
Part No. 27170, 2¾ oz. RED
Part No. 27007, Box of 12, 2¾ oz. RED
Part No. 27110, 4 oz. RED
Part No. 27010, Box of 12, 4 oz. RED
Part No. 27122, 1 oz. BLUE
Part No. 27022, Box of 24, 1 oz. BLUE
Part No. 27112, 4 oz. BLUE
Part No. 27012, Box of 12, 4 oz. BLUE
Part No. 27124, 1 oz. WHITE
Part No. 27024, Box of 24, 1 oz. WHITE
Part No. 27114, 4 oz. WHITE
Part No. 27014, Box of 12, 4 oz. WHITE
Part No. 27032, 2¾ oz. RASPBERRY

FIBREGLASS MAT
Ideal for repairing/restyling fibreglass panels on cars, trucks and boats •Flexible enough to repair contoured surfaces •Marine grade for superior waterproof repairs
Part No. 58075, 8 sq. ft.
Part No. 58045, 32 sq. ft.

FIBREGLASS CLOTH
Superb for contoured surfaces where thickness isn't needed •Bonds to most rigid surfaces •Marine grade for superior waterproof repairs
Part No. 58065, 8 sq. ft.

MAGIC MASK™
Professional overspray masking liquid. •Sprays on easily — no special equipment needed •Sets to a dry, no-tack film •Water based, VOC free formula •One application for multiple bake cycles •Includes exclusive anti-corrosion additive •Biodegradable; rinse off with water
Part No. 36135, 1 gallon.
Part No. 36136, 5 gallon.
Part No. 36137, 15 gallon.
Part No. 36138, 55 gallon.

HANDY MASK™
Hand masking tape and paper dispenser. •Replaces 2" tape to mask headlights, bumpers, door jambs, quickly and easily •Can be used in conjunction with Magic Mask™ system
Part No. 38081, Dispenser w/ roll (7" x 65 ft.)
Part No. 38082, Refill roll (7" x 65 ft.)

PAINT BOOTH COATING
Clear, easily washes off with water •Contains no VOC; biodegradable •Maximum reflection; long term protection •No special equipment needed
Part No. 36155, 5 gallon

MAGNUM BLUE™ & IDEAL™ TACK CLOTHS
Ultra-soft texture collects dust, dirt, and lint like a magnet •Safe to use on metal, fibreglass, wood, and plastic surfaces •Wax and silicone free formula gets surfaces surgically clean •Anti-static and non-abrasive •Each tack cloth is 18" x 36" •Magnum Blue™ developed for urethanes and base coat/clear coats
Part No. 60075, Magnum blue shop-pak.
Part No. 60044, Ideal (tan) shop-pak.

UNDERCOATINGS (AEROSOL)
Superior protection against rust, corrosion, moisture, and abrasion •Professionally formulated to be tough, durable, and long-lasting •Quickly dries to a flexible, textured surface •Reduces road noises and vibrations •Premium solvent-based pro formula
Part No. 51333, 17.75 oz. rubberized spray.
Part No. 51030, 17.75 oz. rubber paintable spray/chip guard.

AIRCRAFT PAINT STRIPPER
A new Methylene Chloride-free formula. Aggressive and strong, this new formula still delivers fast effective paint stripping capabilities you have come to expect but without the potential health risks of Methylene Chloride. Fast, aggressive formula to remove tough urethane or baked enamel coatings •Works effectively on most automotive, commercial and industrial finishes •Safe for use on all types of metals •Non-corrosive under normal exposure times
Part No. 495-1, 1 gallon.

SLIP-N-GRIP® SEAT COVERS
Patented. •Stays in place during servicing •Protects against dirt, grease, etc. •33" x 54"
Part No. 70509, Case of 125.

SHARK SKIN™ "PAINT ADHERENCE" PREMIUM PLASTIC SHEETING
Increases masking efficiency and reduces cost •Tremendous paint anchorage •Super cling sheeting •Solvent resistant •Protection for indoor storage of molds, plugs and finished parts. 14' x 350' roll.
Part No. 36114.

PLASTIC SHEETING
Anti-static treated, high strength polyethylene plastic. 12 ft. width comes folded in an easy to handle 3 foot wide roll. Cut to fit, quality masking material.
Part No. 36123, 12 ft. x 400 ft. (w/ 3" core).

PAINTER'S PAIL™

With new Ratio Measurement for easy mixing and measuring. Tough high density polyethylene. More durable than bleached paper pots. Sturdy side walls with visible liquid level (readable from inside or outside). Solvent resistant, seamless construction. U.S. and Metric measure.
Part No. 36170, 1 pint Painter's Pail™
Part No. 36174, 1 quart Painter's Pail™
Part No. 36176, 2-1/2 quart Painter's Pail™
Part No. 36178, 5 quart Painter's Pail™
Part No. 36171, Lid for 1 pint pail
Part No. 36175, Lid for 1 quart pail
Part No. 36177, Lid for 2-1/2 quart pail
Part No. 36179, Lid for 5 quart pail

SOUND CONTROL PADS

Reduces noise and vibration — ideal for car audio •Flexible — easy to cut and contour •Hi-tack permanent acrylic adhesive back
Part No. 36161, Box of 7 mats, .070 x 12" x 12"
Part No. 36160, Sheet, .070 x 32" x 58"

PLASTIC SPREADERS

Extra flexible yellow spreaders have a sharp tapered edge •Extra sturdy for tough filling jobs
Part No. 36039, Pack of 3 spreaders, 4", 5", 6"
Part No. 36044, 4" spreader
Part No. 36052, 5" spreader
Part No. 36062, 6" spreader

MIXING BOARD

Plastic mixing board, 12" x 12". Special non-stick, non-absorbent plastic surface •Just flex to clean
Part No. 37005.

QUALITY SINGLE EDGE RAZOR BLADES

Made in America.
Part No. 36150, 100 Pak

Body Fillers & Body Repair Kits

Part No. 261C, 470 gram can of body filler c/w plastic cap and cream hardener.
Part No. 262C, 940 gram can of body filler c/w plastic cap and cream hardener.
Part No. 267C, 1.88 kg can of body filler c/w plastic cap and cream hardener.
Part No. 265C, 3.75 kg can of body filler c/w plastic cap and cream hardener.
Part No. 272C, 1.08 kg can of Bondo Glass - fibreglass reinforced body filler.
Part No. 405C, 1.35 kg can of Dyna Glass body filler.
Part No. 913C, Carded 25 gram tube of cream hardener for body fillers.
Part No. 310C, 470 gram can body repair kit c/w filler, hardener, spreader and metal patch.
Part No. 312C, 1 kg can body repair kit c/w filler, hardener, spreader, and metal patch.
Part No. 316C, 500 gram can complete auto body repair kit c/w filler, hardener, primer, putty, sandpaper, spreader, and metal patch.

Body Repair Specialty Products

Part No. 592C, 1.19 kg can Bondo Putty-Cote.
Part No. 662C, 2 part Bondo Dynaweld repair kit.
Part No. 907C, Carded 127.5 gram tube of Glazing & Spot Putty.

Fibreglass Repair Products

Part No. 401C, 500 ml can of fibreglass resin c/w plastic cap.
Part No. 402C, 1 litre can of fibreglass resin c/w plastic cap.
Part No. 404C, 3.78 litre can of fibreglass resin c/w plastic cap.
Part No. 420C, 236 ml fibreglass repair kit c/w resin, hardener, fibreglass, and applicators.
Part No. 422C, 1 litre can fibreglass repair kit c/w resin, hardener, fibreglass, and applicators.
Part No. 488C, Bagged fibreglass mat - 8 square foot coverage.
Part No. 499C, Bagged fibreglass cloth - 8 square foot coverage.
Part No. 912C, Carded 11 ml tube of liquid hardener for use with fibreglass resin.

bondo®

BONDO® CANADA

BON/1408

Body Repair Tools & Accessories

Part No. 100C, Bondo hand held sanding block.
Part No. 101C, 3 position body file holder.
Part No. 105C, Bondo general purpose body dolly.
Part No. 107C, Auto body pick and bumping hammer.
Part No. 122C, 10" half round body file blade.
Part No. 357C, Card of 3 sizes of plastic body repair spreaders.
Part No. 953C, Auto body dent puller.

105C

101C

953C

Auto Undercoatings & Auto Specialty Products

Part No. 552C, 1.1 kg Brushable Seam Sealer, grey.
Part No. 706C, 510 gram aerosol can black rubberized undercoating.
Part No. 703C, 425 gram aerosol can of black rubberized rocker panel coating.

122C

107C

357C

STRAIN-TEC MFG.

STR/3687

Paint Strainers

Part No. 4000, Package of 100, medium/226 micron, synthetic "lint free" base coat/clear coat paint strainers
Part No. 6000, Package of 100, fine/190 micron, synthetic "lint free" base coat/clear coat paint strainers

RECOCHEM

LLL/3275

Gun Wash

Paint spray gun wash - 18.9 litre
Part No. 13-388.

BONMASK™

BON/1406

Blue Poly Masking Paper

BONMASK BLUE POLY MASKING PAPER
Part No. PM6, 6" x 300 metre roll
Part No. PM12, 12" x 300 metre roll
Part No. PM18, 18" x 300 metre roll
Part No. PM24, 24" x 300 metre roll
Part No. PM36, 36" x 300 metre roll

Scotch-Brite™ Three Pad Scuffing System

SCOTCH-BRITE PRIMER PREP SCUFF - MAROON
360-400 approximate scratch equivalent. Application: •Scuffing of new parts, door jambs and under hood areas •Scuffing prior to primer and paint for proper mechanical adhesion •Tire clean-up •Cleaning grease, oil and rust from engine parts. 4-3/4" x 6" perforated pad, 30 pads/15 ft. roll.
Part No. 07747.

SCOTCH-BRITE COLOUR PREP SCUFF - GREY
800-1000 approximate scratch equivalent. Application: •Ideal for preparing colour blend areas •Can be used with 3M Prep and Blend Liquid •Light scuffing of primer and paint. 4-3/4" x 6" perforated pad, 30 pads/15 ft. roll.
Part No. 07748.

SCOTCH-BRITE CLEAR BLEND PREP SCUFF - GOLD
1200-finer approximate scratch equivalent. Application: •Scuffing prior to clear coat blending •Can be used with 3M Prep and Blend Liquid •General light duty clean-up •Light scouring •Fine polishing of metal surfaces. 4-3/4" x 6" perforated pad, 30 pads/15 ft. roll.
Part No. 07745.

Body Repair Products

PREMIUM LIGHTWEIGHT BODY FILLER
Tack free and stain resistant. For base coat/clear coat refinishing systems. Ultra creamy. Cures tack-free in 15 - 20 minutes — reduces sandpaper loading. Minimizes staining that can occur with base coat/clear coat systems over body filler.
Part No. 05808, gallon can.

PREMIUM BODY FILLER GOLD QBA
Quick Build Adhesion — tack free and stain resistant. For filling low areas in damaged automotive sheet metal. Contains zinc complex. For base coat/clear coat refinishing systems. Cures tack free in 15 - 20 minutes. Minimizes staining that can occur with base coat/clear coat systems over body and filler. Excellent adhesion to galvanized, SMC, and aluminum. Distinctive gold colour.
Part No. 05835, gallon can.

FLOWABLE FINISHING PUTTY
Tack-free and stain resistant. Two component, self-levelling putty designed for use as a "skin" coat over plastic filler to fill pinholes, sand scratches, low areas or other imperfections. For metal and fibreglass, cures tack-free in 30 minutes. Flowable and brushable. Minimizes staining that can occur with base coat/clear coat systems over body filler.
Part No. 05824, 710 ml can.

ACRYL-RED GLAZING PUTTY
Good general purpose putty. Fills small pinholes and scratches. Fills larger areas of imperfections.
Part No. 05966, 21 oz. tube.

Sealer Products

FLEXICLEAR™ BODY SEAM SEALER
High solids clear joint and seam sealer designed to seal interior and exterior joints and seams. Adheres well to clean, bare metal, primed metal and painted surfaces. Non-yellowing. Excellent tooling properties, remains flexible. Can be painted within 60 minutes.
Part No. 08405, 295 ml cartridge.

ALL-AROUND AUTOBODY SEALANT - WHITE
Used for sealing interior and exterior autobody joints and seams. Applies easily, can be smoothed to a feather edge with a wet finger and sets to a firm, tough, rubber-like water resistant bead. Water clean-up (before it dries); will not harm paint; can be painted within 30 minutes.
Part No. 08500, 300 ml cartridge.

AUTO BEDDING & GLAZING COMPOUND - BLACK
Non-hardening, pliable, water resistant, medium bodied sealer for sealing auto seams and between windshield rubber and car body. Can be used as a supplementary sealer for auto glass installation. Remains permanently soft, has non-sag consistency for vertical and overhead applications.
Part No. 08509, 300 ml cartridge.

HEAVY DRIP-CHEK™ SEALER - GREY
Heavy based sealer especially designed for use on vertical seams. Up to 1/8" bead can be applied easily. Weathers well — does not crack or deteriorate in sunlight. Excellent adhesion to metal, paint, glass, rubber, etc. Resists gas and oil, can be painted within 60 minutes.
Part No. 08531, 147 ml tube.

CLEAR AUTO SEALER
Used for sealing leaks in windshields, back lights, reveal moldings, truck ornaments, tail-lights and other small seams on the auto body. Flexible and colour stable. May be water tested soon after application. Will not harden or become brittle. Dries to smooth, bubble-free film and can be painted within 60 minutes.
Part No. 08551, 147 ml tube.

STRIP-CALK - BLACK
Soft, non-hardening caulking material in one-foot lengths for use in all types of seams, joints, and openings. Has non-sag consistency for vertical and overhead applications. No shrinkage. Adheres to metal, paint, glass, and rubber. Completely waterproof, will not crack or dry out and can be painted immediately.
Part No. 08578, Box of 60 one-foot lengths.

BRUSHABLE SEAM SEALER - GREY
Specially developed to seal sheet metal overlap joints that have been spot welded, riveted or bolted together. Dries quickly without sag or flow to restore factory appearance. Adheres well to bare or painted metal, remains flexible and resists oil, fuel, etc. Use for sealing floor pans, firewalls, trunk seams, etc. Can be painted within 60 minutes.
Part No. 08656, 946 ml can.

3M

Coating Products

WELD-THRU COATING - SILVER
An aerosol coating designed to be applied to metal surfaces prior to welding which permits corrosion protection after the weld. Dries in 10 - 15 minutes. Minimizes MIG weld spatter. Can be applied after the weld for additional corrosion protection.
Part No. 05917, 361 gram aerosol.

UNDERCOATING - BLACK
A multi-purpose, non-paintable aerosol coating for undercarriages, wheel wells, frame rails, and fenders. Protects metal from corrosion and abrasion. Can also be used as a sound-dampening coating in door skins.
Part No. 08881, 454 gram aerosol.

UNDERSEAL™ RUBBERIZED UNDERCOATING - BLACK
Rapid drying, rubberized undercoating in an aerosol. Use for rustproofing and sound deadening. For fenders, quarter panels, door panels, repaired sections, etc. Maintains proper spray pattern while applying and won't plug the spray nozzle.
Part No. 08883, 560 gram aerosol.

ROCKER AEROSOL - GREY
Exhibits an orange peel to smooth texture. Fast-drying, paintable, chip resistant coating that resists weathering, salt spray, and abrasion. Excellent adhesion to unprimed metal. Paintable within 60 minutes.
Part No. 08889, 650 gram aerosol.

ROCKER PANEL COATING - BEIGE
A fast drying, paintable, chip resistant coating that resists weathering, salt spray, and abrasion. Exhibits a medium to fine texture. Excellent adhesion to unprimed metal. Paintable within 60 minutes. Apply with applicator gun #08997.
Part No. 08888, 850 ml.

NO CLEANUP ROCKER GARD™ COATING - BEIGE
Can be used wherever stone chip protection is needed. Exhibits a medium to fine texture. Has tack-free time of ten minutes. Paintable within 60 minutes. Use with applicator gun #08801.
Part No. 08949, 650 ml can.

NO CLEANUP ULTRA GARD™ COATING - BLACK
A versatile product that is recommended for use on trunk areas, rocker panels, valances, undercarriages, and wheel wells. Exhibits a medium to fine texture. Salt, weather, and abrasion resistant. Paintable in 60 minutes. Use with applicator gun #08801.
Part No. 08950, 650 ml can.

NO CLEANUP HIGH COVERAGE BODY SCHUTZ - BLACK
Exhibits greater coverage, better environmental protection and is more durable than other similar coatings. One can covers up to 43% more than conventional offerings. Its no clean-up applicator system provides the added benefits of no mess, no clogged guns, and absolutely no clean-up. It's ready to use every time you are. Paintable within 60 minutes. Use with applicator gun #08801.
Part No. 08964, 662 ml.

HIGH SOLIDS BODY SCHUTZ - BLACK
High solids formula for up to 20% more coverage. A heavy textured product recommended for use on trunk areas, frame rails, undercarriage and wheel wells. Adjustable gun tip offers varying textures and appearance. Paintable within 3 hours. Use with applicator gun #08998.
Part No. 88640, 1 litre can.

ULTRA SCHUTZ - BLACK
Versatile, protective coating developed primarily for use as a sound deadener, rocker panel coating and underseal. Exhibits a medium to fine texture. Excellent adhesion to a variety of surfaces. High resistance to salt spray abrasion and wear. Paintable within 60 minutes. Apply with applicator gun #08997.
Part No. 88645, 850 ml can.

Adhesive Products

SUPER WEATHERSTRIP ADHESIVE
Bonds all types of gaskets to painted or unpainted metal surfaces. Stays permanently flexible and rubbery, never dries out or becomes hard. Easy to brush and spread, extremely fast drying, and waterproof. Resists oil, grease, and solvents.
Part No. 80010, 150 ml tube, yellow.
Part No. 08008, 150 ml tube, black.

WEATHERSTRIP ADHESIVE - BLACK
Fast-drying black adhesive used for bonding and sealing weatherstripping. Also an excellent adhesive for new EPDM weatherstripping. Easy to apply, flexible, and waterproof.
Part No. 80119, 150 ml tube, black.

SPRAY TRIM ADHESIVE - CLEAR
An adhesive for attaching lightweight trim materials (upholstery cloth, trunk liners) to metal and other surfaces. Ideal for position bonding applications where mechanical fasteners will be used. May be used to bond styrofoam.
Part No. 80747, 482 gram aerosol.

PRESS IN PLACE EMBLEM ADHESIVE
Transfer adhesive allowing emblems with existing foam tape to be reattached. No "stringing". No trimming needed. Press emblem onto adhesive, place emblem on vehicle.
Part No. 08069, (10) 2" x 12" pieces/pack.

SUPER TRIM ADHESIVE - YELLOW
A contact adhesive designed for bonding vinyl tops, heavyweight headliners and hood silencer pads where high strength and heat resistance are needed.
Part No. 08090, 510 gram aerosol.

STRUCTURAL ADHESIVE KIT
Two-part general purpose grey structural adhesive that may be used for bonding metal, glass, and plastic. May be used for trim, fibreglass and flexible body parts repair. Easy mixing, spreads smoothly, sets up quickly. Cures to an extremely strong bond.
Part No. 08101, (2) 59 ml/kit.

AUTOMIX™ PANEL BONDING ADHESIVE
Superior two-part epoxy adhesive that may be used to bond either steel or aluminum body panels. Long work time. Cures on demand with the addition of heat. Primary use is to replace quarter panels, roofs, box sides, van sides, and door skins. Eliminates corrosion normally caused by welding. Not for use on structural components. Work time: 90 minutes; handling time: 4 hours; cure time: 24 hours (handling and cure time can be accelerated by heat).
Part No. 08115, 200 ml cartridge.

SUPER FAST URETHANE - BLACK
Rapid curing adhesive/sealant intended for all flush mounted and bonded windshield or back light replacements. Black and odourless. Easy to apply, cures quickly, provides the necessary strength for automotive glass replacement.
Part No. 08609, 310 ml cartridge.

3M

Adhesive Removal Products

WOODGRAIN & STRIPE REMOVER
For removing woodgrain vinyl and vinyl stripes from acrylic enamel surfaces. Jelly-like consistency keeps remover in place on vertical surfaces to promote fast action when sprayed from the aerosol can. For removal of adhesive residue, follow up with #08908.
Part No. 08907, 510 gram aerosol.

WOODGRAIN & STRIPE ADHESIVE REMOVER
Cleans off adhesive residue after woodgrain vinyl or vinyl stripes have been removed. Fast acting remover can be used on all acrylic enamel painted metal surfaces. Jelly-like consistency keeps remover in place on vertical surfaces to promote fast action when sprayed from an aerosol can.
Part No. 08908, 510 gram aerosol.

AUTOMIX™ SUPER FAST CLEANER
A fast, high strength solvent that quickly removes adhesives, bugs, grease/oils, overspray, silicones, waxes, and tars.
Part No. 08215, 946 ml.

GENERAL PURPOSE ADHESIVE CLEANER
Specially blended solvent provides easy clean-up of most types of adhesives. Quickly removes waxes, road tars, grease, oil, and similar materials. Will not harm most thoroughly cured automotive paint, vinyl, or fabrics when properly used.
Part No. 08984, 1 litre.
Part No. 08985, 4 litre.

SCOTCH-BRITE™ MOLDING ADHESIVE & STRIPE REMOVAL DISC
Use to remove vinyl decals, graphics, and striping tapes. Will not scratch or damage acrylic enamel or urethane paint. Long lasting, unique construction provides optimum disc life. No sharp edges to cause damage to surfaces. Not recommended for use on acrylic lacquer paints. 4" discs should be used at 4000 RPM; 6" discs at 2800 RPM.
Part No. 07501, 4" dia. x 3/8".
Part No. 07502, 6" dia. x 3/8".

STRIPE OFF WHEEL
Used to remove vinyl decals, striping tapes, and double sided foam attachment tapes. Will not scratch or damage acrylic enamel or urethane. Not for use on lacquer coatings. Designed to be used with common 3/8" pneumatic and electrical tools with a 500-4000 rpm speed range. Optimum performance achieved around 2000 +/- 200 rpm. Includes attachment hardware.
Part No. 07498, Stripe Off Wheel.

Masking Products

OVERSPRAY MASKING LIQUID II
Water based masking liquid dries to a firm coating with a slight tack. Protects against paint and primer overspray. Recommended as the most cost effective method of liquid masking.
Part No. 06828, 20 litre.
Part No. 06830, 57 litre.

Paint Finishing Products

SUPER DUTY RUBBING COMPOUND
Aggressive compound remains wet on the job with little or no mess. Maintains high rate of cut with constant pressure. Buffs to high gloss with minimum of swirl marks. Use by hand or machine.
Part No. 05954, 946 ml.

PERFECT-IT™ II RUBBING COMPOUND
Specially designed medium-cutting compound for removing grade 1200, 1500, and 2000 colour-sanding scratches in automotive paints including clear coats. Unique formulation produces minimal compound swirl marks while buffing to a high gloss.
Part No. 05973, 946 ml liquid.

PERFECT-IT™ FOAM POLISHING PAD GLAZE
Uniquely formulated to remove compound swirl marks. Leaves a wheel mark free finish when applied with 3M polishing pads. Compatible with all types of paint; glazes contain no wax or silicones. Both glazes are clear coat safe. Identical performance characteristics. #05996 provides easier detailing and clean-up on dark coloured paints.
Part No. 05995, 946 ml for light paints.
Part No. 05996, 946 ml for dark paints.

FINESSE-IT™ II FINISHING MATERIAL
Designed for use on O.E.M. and fully cured automotive paints. Can remove sand scratches; removes swirl marks after compounding, while leaving a glazed finish.
Part No. 05928, 946 ml.

Polishing Pads

PERFECT-IT™ FOAM 3" POLISHING PAD
Convoluted foam face for cool and swirl free polishing. Easy on and easy off Hookit™ attachment. Ideal size for getting into hard to reach areas. To be used with Hookit disc pad #05769 and Roloc buffing back-up pad #14736.
Part No. 05726.

FINESSE-IT™ KNIT 3" BUFFING PAD
Hook-and-loop attachment. For compounding and polishing in hard to access areas. Use with Hookit™ disc pad #05769 or #14736.
Part No. 85078.

PERFECT-IT™ FOAM 8" COMPOUNDING PAD
Utilizes a 3M patented convoluted foam face. Easily attaches to Hookit™ back-up pad #05717.
Part No. 05723.

PERFECT-IT™ FOAM 8" POLISHING PAD
Utilizes a 3M patented convoluted foam face. Produces a wheel mark free automotive paint surface when used in conjunction with Perfect-it™ foam polishing pad glazes. Attaches to Hookit back-up pad #05717.
Part No. 05725.

SUPERBUFF™ 9" POLISHING PAD
A double-sided, soft edge polishing pad designed for use with a polisher and glaze. Made of extremely fine fibres, produces a high gloss on paint surfaces. Features long life, flexibility, light weight and balance. Fits all standard 5/8" shaft slow speed polishers. Use with Superbuff adapter #05710.
Part No. 05705.

HOOKIT™ SBS™ 9" WHITE COMPOUNDING PAD
Uniquely constructed compounding and polishing pad system. Provides quick change advantages while producing exceptional finishes. Easy attachment and removal. Accurate centrering to the Hookit back-up pad #05717.
Part No. 05711.

HOOKIT™ SBS™ 9" YELLOW POLISHING PAD
Uniquely constructed compounding and polishing pad system. Provides quick change advantages while producing exceptional finishes on today's paint systems. Easy attachment and removal, fits all standard 5/8" shaft slow speed polishers. Accurate centrering to the Hookit back-up pad #05717.
Part No. 05713.

Back-Up Pads

FINESSE-IT™ ROLOC 3" FINISHING PAD
Interface pad, approximately 3/4" thick. Attaches to #05540 Roloc holder and is used with Hookit Finishing Film Discs and Finesse-it Buffing and Polishing Pads. Has a hook and loop face. Maximum 6000 RPM.
Part No. 14736.

HOOKIT™ 3" DISC PAD
For use with #05771 and Hookit Film Discs for paint finishing and defect removal.
Part No. 05769.

SUPERBUFF™ ADAPTER
For use with #05705 buffing pad.
Part No. 05710.

HOOKIT™ SBS™ BACK-UP PAD
Designed to be used with 3M compounding pads. Fits all standard 5/8" shaft slow speed polishers.
Part No. 05717.

Scotchgard™ Protector

NEW!!

SCOTCHGARD™ PROTECTOR FOR UPHOLSTERY
Protects new or freshly cleaned cloth or velour upholstery •Helps prevent many spills from soaking through the fabric; resists soils and many stains •Will not change look, feel or breathability of upholstery
Part No. 03572C, 263 g aerosol.

Autobody Tapes

SCOTCH MOUNT™ DOUBLE-COATED AUTOMOTIVE ACRYLIC FOAM TAPE
O.E.M. approved for the attachment of body side mouldings, fascia nerf strips, bumper trim, wheel lip and door edge mouldings, claddings and a wide variety of other trim components. More durable and much stronger than other foam tapes. Resists stress. Gives good initial and cold temperature adhesion.
Part No. 06382, Black, 1/2" x 20 yds., 1.2 mm thickness
Part No. 06383, Black, 7/8" x 20 yds., 1.2 mm thickness
Part No. 06384, Black, 1/2" x 5 yds., 1.2 mm thickness
Part No. 06397, Grey, 1/2" x 10 yds., 1.5 mm thickness

SCOTCH-MOUNT™ NAMEPLATE REPAIR TAPE
Automotive acrylic foam tape. Adheres emblems, nameplates, etc. to vehicle surfaces. Assures permanent adhesion to O.E.M. and aftermarket paint systems. Thinner to offer a flush fit of emblems and nameplates to vehicle surface.
Part No. 06385, Grey, 1/4" x 5 yds., .8 mm thickness

HIGHLAND™ #2308 MASKING TAPE
Recommended for non-critical masking such as protecting tail-lights or mouldings. Lower cost alternative automotive masking tape.
Part No. 06545, 18 mm x 55 m
Part No. 06547, 36 mm x 55 m
Part No. 06548, 48 mm x 55 m

TRIM MASKING TAPE
Designed to actually lift up the moulding from the vehicle, allowing paint to flow under the moulding. This tape works particularly well on flush mount windshield and back glass mouldings. Saves time, labour, and the cost of removing and installing new mouldings, plus the removal of paint lines on existing mouldings.
Part No. 06349, 2" x 11 yds.

SCOTCH™ #218 FINE LINE TAPE
Has a special processed film backing that allows taping over freshly painted acrylic lacquer or enamel surfaces sooner and with less chance of imprint damage. This polypropylene film tape provides the finest colour separation line possible in multi-colour striping applications. Can be used for lettering, striping, and two-tone separation lines in all types of trucks and auto refinishing accounts. Not for outdoor application.
Part No. 06300, 1/8" x 60 yds.
Part No. 06301, 1/4" x 60 yds.
Part No. 06303, 1/2" x 60 yds.
Part No. 06306, 1/16" x 60 yds.

Autobody Tapes

SCOTCH™ #218 FINE LINE PAINT STRIPING TAPE
A specially engineered tape that is slit to provide pull-out pieces for paint striping. Can be applied over freshly painted acrylic lacquer or enamel surfaces sooner and with less chance of imprinting. This polypropylene film tape is excellent for multi-colour striping application. Rolls are 1" x 550".
Part No. 06314, 8 pull-outs 1/16" each

SCOTCH™ #471 PLASTIC TAPE - BLUE
This vinyl backed tape offers outstanding paint line definition along with superior holding power for critical masking operations including sharp curves, over rivets and into seams. Poly bagged.
Part No. 06404, 1/8" x 36 yds.
Part No. 06405, 1/4" x 36 yds.
Part No. 06408, 1/2" x 36 yds.
Part No. 06409, 3/4" x 36 yds.

SCOTCH™ #5430 SQUEAK REDUCTION TAPE
An ultra-high molecular weight polyethylene film tape designed for the automotive industry. Controls squeaks and rattles due to vibration or wear of metal and plastic materials.
Part No. 06356, 1" x 3 yds.

SCOTCH™ #425 AUTO BODY REPAIR TAPE
A practical, easy-to-use back-up material for plastic filler on rust-out areas. Has extremely high strength adhesive, is strong and rigid and withstands weathering well. Thick aluminum backing.
Part No. 06935, 48 mm x 20 m
Part No. 06936, 72 mm x 20 m

SCOTCH™ #969 ATG ADHESIVE TRANSFER TAPE
Hold, attach, bond, laminate, tab, join, fasten, mount, splice, or seal nearly any surface — paper, foils, films, fabrics, glass, foams, plastics, metal, painted surfaces, and wood. Thin and tacky on both sides; one side adheres to applied surface, the other side is immediately ready to join a second surface. Provides instant tack and strong constant bond. 5 mil thickness.
Part No. 06493, 1/2" x 18 yds.
Part No. 06494, 3/4" x 18 yds.

URETHANE PROTECTIVE FILM
A heavy duty clear film which will not yellow with age. Use to protect areas such as the wheel wells, door handles, trunk locks, hood, rocker panel, etc., from abrasion and stone-chipping.
Part No. 84804, 4" x 40 yds.
Part No. 84806, 6" x 40 yds.

SCOTCH PERFORMANCE MASKING TAPE 233+
High performance masking tape designed to exceed the needs of today's collision repair shops •Highly conformable and has a specially formulated adhesive system which offers improved adhesive transfer resistance on rubber mouldings and painted surfaces •Performs consistently under a variety of climactic conditions •Provides outstanding paint lines and a controlled consistent unwind •Ideal for paint masking applications with temperatures up to 250°F. In addition, 233+ offers clean removal from difficult surfaces like EPDM rubber mouldings and painted steel even after 30 minutes. GREEN in colour.
Part No. 26343, 3 mm x 55 m (1/8" applications)
Part No. 26344, 6 mm x 55 m (1/4" applications)
Part No. 26334, 18 mm x 55 m (3/4" applications)
Part No. 26336, 24 mm x 55 m (1" applications)
Part No. 26338, 36 mm x 55 m (1½" applications)
Part No. 26340, 48 mm x 55 m (2" applications)
Part No. 26341, 72 mm x 55 m (3" applications)

SCOTCH AUTOMOTIVE REFINISH MASKING TAPE 233
Designed expressly for the professional auto refinish painter •Conformable, hugs curves and contours •Goes on quickly and easily, sticks at a touch and stays put •Every feature perfectly balanced to give outstanding masking results
Part No. 6364, 3/4" x 60 yds.

AMERICAN BODY SHOP
Premium Masking Tape

AMERICAN BODY SHOP PREMIUM HIGH TEMP MASKING TAPE
Part No. PG27-3/4, 3/4" x 60 yard roll
Part No. PG27-1, 1" x 60 yard roll
Part No. PG27-1-1/2, 1½" x 60 yard roll
Part No. PG27-2, 2" x 60 yard roll

3M
Welding Drapes

HIGH PERFORMANCE WELDING DRAPE
57" x 80" Welding Drape. Unique, ultra fire resistant fabric. Will not burn through, resists penetration by MIG weld spatter or grinding sparks, keeps components safe when performing welding operation. Lightweight, soft fabric, easy to handle and hold in place. Durable fabric, extended wear and tear resistance.
Part No. 05919.

Deflection Paper

WELDING AND SPARK DEFLECTION PAPER
Flame retardant with repositionable adhesive. Formulated to protect vertical surfaces, glass and paint from welding spatter and grinding sparks.
Part No. 05916, 24" x 150 ft. roll.

76 LUBRICANTS
Automotive Oils

76 SUPER MOTOR OIL
Is a premium quality engine oil for all weather operation of passenger cars, vans, and light trucks. It provides excellent lubrication and offers superior performance in the severe service caused by short trips and stop-and-go driving. This product meets major car manufacturer's performance requirements and is suitable for use in turbocharged engines.
*Denotes Super Synthetic Blend motor oil — these products exceed ILSACGF-4 requirements. API SM SL GF-4.
†Denotes API SL SJ.
‡Denotes API SM SL.

PART NO.	GRADE	SIZE
SUP-30-1†	SAE 30	0.946 litre
SUP-30-205†	SAE 30	208 litre
SUP-40-1†	SAE 40	0.946 litre
SUP-40-205†	SAE 40	208 litre
SUP-5/20-1*	SAE 5W/20	0.946 litre
SUP-5/20-205*	SAE 5W/20	208 litre
SUP-5/30-1*	SAE 5W/30	0.946 litre
SUP-5/30-20*	SAE 5W/30	18.92 litre
SUP-5/30-205*	SAE 5W/30	205 litre
SUP-5/30-B*	SAE 5W/30	bulk
SUP-10/30-1*	SAE 10W/30	0.946 litre
SUP-10/30-20*	SAE 10W/30	18.92 litre
SUP-10/30-205*	SAE 10W/30	205 litre
SUP-10/30-B*	SAE 10W/30	bulk
SUP-10/40-1‡	SAE 10W/40	0.946 litre
SUP-10/40-205‡	SAE 10W/40	208 litre

76 GUARDOL QLT MOTOR OIL - Heavy Duty Oil for Diesel & Gasoline Engines
Is a premium quality, universal engine oil designed for use in over-the-road diesel trucks, off-highway diesel equipment, farm tractors, diesel passenger cars, and gasoline engines operating under severe conditions. It meets the performance and warranty requirements of most naturally aspirated, turbocharged, and supercharged diesel engines such as those manufactured by Caterpillar, Cummins, and Detroit Diesel; as well as gasoline engines in passenger cars and light trucks.

PART NO.	GRADE	SIZE
GUA-30-1	SAE 30	0.946 litre
GUA-30-4	SAE 30	3.785 litre
GUA-30-20	SAE 30	18.92 litre
GUA-30-205	SAE 30	208 litre
GUA-40-4	SAE 40	3.785 litre
GUA-40-20	SAE 40	18.92 litre
GUA-40-205	SAE 40	208 litre
GUA-50-20	SAE 50	18.92 litre
GUA-50-205	SAE 50	208 litre
GUA-10/30-20	SAE 10W/30	18.92 litre
GUA-10/30-205	SAE 10W/30	208 litre
GUA-15/40-4	SAE 15W/40	3.785 litre
GUA-15/40-20	SAE 15W/40	18.92 litre
GUA-15/40-205	SAE 15W/40	205 litre
GUA-15/40-B	SAE 15W/40	bulk

76 Lubricants carry the most current API, ILSAC, and other popular ratings.

76 ROYAL TRITON QLT - Semi-synthetic Diesel Engine Oil
Is a world-class semi-synthetic SAE 15W/40 diesel engine oil. Its unique blend of performance additives and synthetic and virgin base oils provides outstanding engine protection in both standard and extended drain service. The semi-synthetic nature of this motor oil offers extra protection at both low and high temperatures, and outstanding pumpability compared to mineral oil formulations, with a -44 °C pour point.

PART NO.	GRADE	SIZE
GUA-RT-15/40-4	SAE 15W/40	3.785 litre
GUA-RT-15/40-205	SAE 15W/40	208 litre

GUARDOL ECT™ MOTOR OIL - synthetic blend engine oil for 4 stroke cycle diesel engines
Is a premium quality, synthetic blend, API CJ-4 engine oil for low emission engines. Developed for use in 4 stroke cycle diesel engines. It is specially formulated with advanced low sulfated ash, phosphorus and sulfur additive technology to protect exhaust after treatment devices, such as diesel particulate filters and diesel oxidation catalysts. Guardol ECT meets or exceeds the requirements of: •API Service CJ-4, CI-4 PLUS/CI-4, CH-4, CG-4, CF-4, SM •ACEA E7-04 •Caterpillar ECF-3 •Cummins CES 20081 •Detroit Diesel Power Guard 93K218 •Mack EO-O Premium Plus •Mercedes-Benz Sheet 228.3 •Volvo VDS-4

PART NO.	GRADE	SIZE
GUA-ECT-15/40-1	SAE 15W/40	0.946 litre
GUA-ECT-15/40-4	SAE 15W/40	3.785 litre
GUA-ECT-15/40-205	SAE 15W/40	205 litre

NEW!!

76 TRITON 5005 GEO - Natural Gas and LP Gas Engine Oil
Is a premium quality low ash, dispersant-detergent gas engine oil designed for four-stroke cycle and selected two-stroke cycle gas engines.

PART NO.	GRADE	SIZE
NG-30-205	SAE 30	208 litre
NG-40-205	SAE 40	208 litre
NG-15/40-205	SAE 15W/40	208 litre

76 AIRKOOL HP TWO-CYCLE OIL
Is a low ash API "TC" type oil for use in two-stroke cycle engines requiring ash for lubricity. It is formulated for high output chain saws and weed cutters, and may be used in many other air-cooled two-stroke cycle engines. (Caution: AirKool HP is NOT intended for use in engines requiring an ashless TC-W3®, TC-WII®, or TC-W® oil).

PART NO.	SIZE
ATC-1	0.946 litre

76 UNIMIX TWO-CYCLE OIL
Is designed for use in two-stroke cycle outboard, snowmobile, motorcycle, chainsaw, lawnmower, and other two-stroke cycle engines that specify a TC-W®, TC-WII®, or TC-W3® quality ashless oil. May be used in both pre-mixed or oil injected systems. (Caution: should NOT be used in two-stroke cycle engines that require an ash-containing oil, or four-stroke cycle engines).

PART NO.	SIZE
UTC-1	0.946 litre
UTC-205	208 litre

76 HYDRAULIC/TRACTOR FLUID

Is specially formulated for use in transmissions, final drives, and hydraulic systems of all major brands of tractors and other farm implements employing a common fluid reservoir. It may also be used in other hydraulic applications where wide temperature range performance and good anti-wear characteristics are required. This multifunctional fluid: 1) lubricates the transmission; 2) lubricates the final drive; 3) actuates hydraulic disc brakes that are oil wetted; and 4) serves as a hydraulic fluid to operate power steering units, implements, and attachments.

PART NO.	SIZE
HTF-20	18.92 litre
HTF-205	205 litre
HTF-B	bulk

76 HT/4 FLUID - Transmission Fluid Meeting Caterpillar TO-4 Requirements

Is a high quality lubricant specially formulated to meet the Caterpillar TO-4 specification requirements for transmission and drive train fluids. SAE 10 and SAE 30 also meets Allison C-4 requirements. 76 HT/4 Fluid provides excellent shear stability, friction and anti-wear performance, resulting in longer equipment life and reduced risk of field failure. (Caution: should NOT be used in farm tractors or other applications where wet brakes and clutches are used. NOT recommended for use in farm tractors that employ a common fluid reservoir for transmission & hydraulic systems. For these applications see 76 Hydraulic/Tractor Fluid).

PART NO.	GRADE	SIZE
HT4-10-20	SAE 10	18.92 litre
HT4-10-205	SAE 10	208 litre
HT4-30-20	SAE 30	18.92 litre
HT4-30-205	SAE 30	208 litre
HT4-50-20	SAE 50	18.92 litre
HT4-50-205	SAE 50	208 litre

76 T5X Heavy Duty Motor Oil — Monograde

This monograde motor oil is intended for use in the hydraulic systems and hydrostatic transmissions of Caterpillar and other off-highway construction equipment. They are NOT recommended for use in engines. Meets or exceeds requirements of Caterpillar hydraulic oil for hydraulic systems and some hydrostatic transmissions.

PART NO.	GRADE	SIZE
T5X-10-20	SAE 10	18.92 litre
T5X-10-205	SAE 10	208 litre

76 SUPER ATF

is designed specifically for use in automatic transmissions where Dexron®-IIE, Dexron-III, Dexron or Mercon® fluids are specified in passenger cars and light trucks manufactured by GM and Ford. It also has excellent antiwear properties and may be used in mobile and industrial hydraulic systems operating over a wide temperature range. (Note: Do not mix with conventional hydraulic fluid.)

PART NO.	SIZE
ATF-1	.946 litre
ATF-20	18.92 litre
ATF-205	205 litre
ATF-B	bulk

DEXRON®-VI ATF

Is a next generation fluid approved for use in passenger car and light truck automatic transmissions that require a General Motors Dexron-VI or earlier generation Dexron fluid. It is formulated to provide improved oxidation stability, shear stability, friction durability and foam resistance compared to earlier generation Dexron fluids to help ensure long service life, better performance in extreme conditions and consistent shift performance for the life of the fluid. It is particularly recommended for use in new GM 6-speed automatic transmissions, and is fully backwards compatible with older GM automatic transmissions.

PART NO.	SIZE
ATF-6-1	0.946 litre
ATF-6-205	205 litre

76 ATF TYPE F

Designed for use in automatic transmissions in passenger cars and light trucks manufactured by Ford prior to 1977, and in many 1977-1980 models. It may also be used in most Ford power steering units.

PART NO.	SIZE
ATF-F-1	.946 litre

Industrial Lubricants

76 AIR COMP ND30 OIL - Air Compressor Oil

Is a premium quality, non-detergent oil designed for use in air compressors and gear heads requiring an SAE 30 or ISO 100 mineral oil.

PART NO.	SIZE
AC-30-20	18.92 litre

76 Lubricants carry the most current API, ILSAC, and other popular ratings.

76 UNAX AW HYDRAULIC OIL - Anti-wear

Is a premium quality anti-wear hydraulic fluid designed for piston, gear, or vane pumps used in high pressure, high speed industrial and mobile hydraulic systems. Provides outstanding wear protection for critical system components.

PART NO.	GRADE	SIZE
AW-22-20	ISO 22	18.92 litre
AW-22-205	ISO 22	205 litre
AW-22-B	ISO 22	bulk
AW-32-20	ISO 32	18.92 litre
AW-32-205	ISO 32	205 litre
AW-32-B	ISO 32	bulk
AW-46-20	ISO 46	18.92 litre
AW-46-205	ISO 46	205 litre
AW-46-B	ISO 46	bulk
AW-68-20	ISO 68	18.92 litre
AW-68-205	ISO 68	205 litre
AW-68-B	ISO 68	bulk
AW-100-205	ISO 100	208 litre
AW-150-205	ISO 150	208 litre

Industrial Lubricants

76 UNAX AW-WR HYDRAULIC OIL - Wide Temperature Range Anti-wear Hydraulic Oil

Is a premium quality anti-wear hydraulic oil designed for use in industrial, mobile, and marine hydraulic systems operating in cold climates or in locations experiencing wide temperature fluctuations. It has a high viscosity index and low pour point of -44°C for use over a wider temperature range than conventional hydraulic fluids.

PART NO.	GRADE	SIZE
AWWR-32-20	ISO 32	18.92 litre
AWWR-32-205	ISO 32	208 litre

76 ARCTIC LOW POUR HYDRAULIC OIL

Is a premium quality anti-wear hydraulic fluid designed for high pressure, high speed hydraulic systems subject to extremely low temperatures, with a -69°C pour point. (Caution: Must NOT be used in aircraft hydraulic systems under any circumstances. It is NOT a qualified MIL fluid).

PART NO.	GRADE	SIZE
ALP-205	ISO 15	208 litre

76 UNAX PC-AW HYDRAULIC OIL - Environmentally Friendly

(Pollution Control Anti-wear) is a premium quality, environmentally responsible anti-wear hydraulic fluid designed for piston, gear, or vane pumps used in high pressure, high speed industrial and mobile hydraulic systems. Specially developed for use in areas where toxic metals in effluent pose a risk of soil and water contamination. Contains no zinc or other heavy metals.

PART NO.	GRADE	SIZE
PCAW-32-205	ISO 32	208 litre
PCAW-46-205	ISO 46	208 litre
PCAW-68-205	ISO 68	208 litre

76 SPECIAL BAR & CHAIN OIL

Is an adhesive lubricant formulated for use on chain saws for the logging industry. Suitable for all types of chain saws using either hand operated or automatic oilers to lubricate the chain, bar, and sprocket. This product may also be used on industrial chain drives, slides, ways, and guides. It is fortified with a tackiness agent to resist sling-off during operation, and is dyed red for easy visibility on the chain. Foam inhibitor minimizes foaming.

PART NO.	GRADE	SIZE
BC-68-205	ISO 68	208 litre
BC-150-20	ISO 150	18.92 litre
BC-150-205	ISO 150	208 litre
BC-220-20	ISO 220	18.92 litre
BC-220-205	ISO 220	208 litre

76 TURBINE OIL

Is a high quality rust and oxidation inhibited oil designed for use in hydraulic systems, steam and hydraulic turbines, circulating lubrication systems, industrial gear sets, air compressors, heat exchange systems, and a wide variety of other industrial applications. Resists foaming and has excellent demulsibility for quick separation from water.

PART NO.	GRADE	SIZE
TUR-32-205	ISO 32	208 litre

76 REFRIGERATION OIL

Is a high quality lubricating oil designed for use in piston, centrifugal, and rotary screw compressors used in ammonia refrigeration systems. Formulated with well-refined paraffinic base oils and effective oxidation and foam inhibitors. Low pour point of -32°C.

PART NO.	GRADE	SIZE
RFG-68-205	ISO 68	208 litre

76 KOOLKUT II CUTTING OIL - Heavy Duty

Is a transparent, active cutting oil designed for uses ranging from light duty machining to heavy duty broaching and tapping. Satisfies a wide range of machining operations, minimizes tool wear, and provides a good surface finish.

PART NO.	SIZE
KOO-20	18.92 litre
KOO-205	208 litre

76 SOLUBLE OIL

Is a compounded oil designed to emulsify easily and form a stable creamy white emulsion when mixed with water. It is an excellent coolant and lubricant in light duty machining and grinding operations. Provides good rust protection. (Caution: NOT to be used to machine magnesium or its alloys. Do NOT store at temperatures above 54°C or below 4°C).

PART NO.	SIZE
SOL-20	18.92 litre
SOL-205	208 litre

Gear Lubricants

76 MP GEAR LUBE - Limited Slip

Is a thermally stable and multi-purpose extreme pressure automotive gear lubricant. Provides excellent service over a wide temperature range and excellent durability at elevated temperatures. Meets the requirements of modern passenger car and truck axles with either conventional or limited-slip differentials.

PART NO.	GRADE	SIZE
75/90-20	SAE 75W/90	18.92 litre
75/90-60	SAE 75W/90	60 litre
75/90-205	SAE 75W/90	208 litre
80/90-1	SAE 80W/90	.946 litre
80/90-20	SAE 80W/90	18.92 litre
80/90-60	SAE 80W/90	60 litre
80/90-205	SAE 80W/90	205 litre
80/90-B	SAE 80W/90	bulk
85/140-1	SAE 85W/140	.946 litre
85/140-20	SAE 85W/140	18.92 litre
85/140-205	SAE 85W/140	208 litre

76 TRITON SYN-LUBE CD-50 - Synthetic Manual Transmission Fluid

Is a full synthetic SAE 50 lubricant designed to meet the severe lubrication requirements of modern heavy-duty truck manual transmissions. It is formulated for extended drain service. Recommended for Eaton/Fuller, Rockwell, Spicer/Dana transmissions. (Caution: NOT to be used in engine crankcase oil applications, or mixed with any API GL type gear lubricant).

PART NO.	GRADE	SIZE
SYN-50-20	SAE 50	18.92 litre
SYN-50-205	SAE 50	208 litre

76 TRITON SYN LUBE EP

Is a full synthetic multi-purpose extreme pressure automotive GL-5 gear lubricant. It is designed for use in axles with hypoid gear sets, and provides outstanding service over a wide temperature range and excellent durability at elevated temperatures. Meets the requirements of modern passenger car and truck axles with either conventional or limited-slip differentials.

PART NO.	GRADE	SIZE
SYN-75/90-20	SAE 75W/90	18.92 litre
SYN-75/90-205	SAE 75W/90	208 litre
SYN-80/140-20	SAE 80W/140	18.92 litre

76 EXTRA DUTY GEAR LUBE

Is an extreme pressure industrial gear lubricant. It is formulated with an excellent additive package designed to minimize wear in enclosed industrial gear sets with heavy tooth loads, high peak loads, or intermittent shock loads. Non-corrosive to bronze or brass at temperatures below 107°C.

PART NO.	GRADE	SIZE
2EP-20	Gear Lube 2EP - ISO Grade 68	18.92 litre
2EP-205	Gear Lube 2EP - ISO Grade 68	208 litre
3EP-205	Gear Lube 3EP - ISO Grade 100	208 litre
4EP-20	Gear Lube 4EP - ISO Grade 150	18.92 litre
4EP-205	Gear Lube 4EP - ISO Grade 150	208 litre
5EP-20	Gear Lube 5EP - ISO Grade 220	18.92 litre
5EP-205	Gear Lube 5EP - ISO Grade 220	208 litre
6EP-20	Gear Lube 6EP - ISO Grade 320	18.92 litre
6EP-205	Gear Lube 6EP - ISO Grade 320	208 litre
7EP-20	Gear Lube 7EP - ISO Grade 460	18.92 litre
7EP-205	Gear Lube 7EP - ISO Grade 460	208 litre

76 Lubricants carry the most current API, ILSAC, and other popular ratings.

76 UNOBA EP GREASE

Is a multi-purpose, extreme pressure, lithium soap grease designed for use in a wide range of industrial and automotive applications. It is recommended for most plain and rolling bearings and gears in general purpose industrial applications. Provides good rust and corrosion protection, anti-wear properties, plus resistance to oxidation, mechanical breakdown, and water washout.

PART NO.	GRADE	SIZE
UNOBA-14	EP2	14 oz. tube
UNOBA-35	EP2	35 lb. pail
UNOBA-120	EP2	120 lb. keg
UNOBA-400	EP2	400 lb. barrel
UNOBA-0-35	EP0	35 lb. pail
UNOBA-00-35	EP00	35 lb. pail
UNOBA-00-120	EP00	120 lb. keg

76 MOLY LOW TEMP GREASE

Is a high performance, multipurpose, extreme-pressure, corrosion preventive grease specially developed for use in industrial and automotive equipment operating in wet or corrosive environments. Formulated with high quality paraffinic base oils, calcium sulfonate thickener, rust and corrosion inhibitors and antiwear additives. It protects against rust and corrosion in high humidity, high temperature applications, such as those found in the steel, lumber, tire manufacturing and paper industries. NLGI GC-LB certified for use as a multipurpose automotive wheel bearing and chassis lubricant.

PART NO.	SIZE
MLT-14	14 oz. tube
MLT-120	120 lb. keg

76 OMNIGUARD 2 GREASE

Is an effective problem solver for many of the most demanding applications. These include; unmatched corrosion resistance in wet and salt water environments, extreme high temperature stability, and minimal mechanical degradation. While Omniguard provides outstanding performance that is best for industrial applications, it is also a great automotive wheel bearing and chassis lubricant that meets NLGI GC-LB.

PART NO.	SIZE
OMNI-14	14 oz. tube

OMNI-35	35 lb. pail

76 POLYTAC EP2 GREASE

Is a new technology polyurea-thickened grease designed for use in a wide range of automotive and industrial applications. Provides long service life at elevated temperatures and superior protection against rust and oxidation. It has a 60 lb. Timken load rating.

PART NO.	SIZE
POLYTAC-14	16 oz. tube
POLYTAC-35	35 lb. pail

76 MEGAPLEX XD-3 GREASE

Is a stringy, extremely adhesive, multi-purpose lithium soap grease fortified with 3% molybdenum disulfide. It is designed for use in heavy duty automotive and industrial equipment where heavy loads and wet conditions require a grease with high film strength and excellent resistance to water washout. Contains anti-wear properties for protection against heavy or shock load.

PART NO.	SIZE
MEGAPLEXXD3-14	14 oz. tube
MEGAPLEXXD3-35	35 lb. pail

76 REDTAC GREASE

Is a heavy duty, adhesive multi-purpose lithium grease designed for use in a wide range of automotive and industrial applications. Provides outstanding water washout resistance, anti-wear properties, shock load protection, and has good resistance to oxidation and corrosion. It has a 70 lb. Timken load rating.

PART NO.	GRADE	SIZE
RED-2-14	RedTac 2	14 oz. tube
RED-2-35	RedTac 2	35 lb. pail
RED-2-120	RedTac 2	120 lb. keg
RED-2-400	RedTac 2	400 lb. barrel
RED-1-14	RedTac 1	14 oz. tube
RED-1-120	RedTac 1	120 lb. keg
RED-1-400	RedTac 1	400 lb. barrel

76 Lubricants carry the most current API, ILSAC, and other popular ratings.

CASTROL®
Motor Oils

CASTROL GTX MOTOR OIL
GTX is the only leading oil that meets the world's requirements for viscosity breakdown in every grade. A number one choice in all aspects, this motor oil was developed to provide superior performance and wear protection under the most severe operating conditions. For use in gasoline or turbo charged passenger car and light truck engines. GTX exceeds Europe's demanding high temperature/high shear and viscosity stability requirements.

PART NO.	GRADE	SIZE
0015-42	SAE 5W-20	1 litre
0015-89	SAE 5W-20	4.4 litre
0015-06	SAE 5W-20	208 litre
0011-42	SAE 5W-30	1 litre
0011-89	SAE 5W-30	4.4 litre
0011-05	SAE 5W-30	205 litre
0012-42	SAE 10W-40	1 litre
0012-89	SAE 10W-40	4.4 litre
0013-42	SAE 10W-30	1 litre
0013-89	SAE 10W-30	4.4 litre
0013-05	SAE 10W-30	205 litre
0014-42	SAE 20W-50	1 litre
0014-89	SAE 20W-50	4.4 litre

CASTROL GTX HIGH MILEAGE MOTOR OIL
Specially formulated motor oil that provides an added level of protection for vehicles that have more than 120,000 kilometres. GTX High Mileage is formulated with premium base oils and some semi-synthetic components to provide the following benefits specifically for high mileage engines: •Utilizes special base oils to provide superior protection against oil burn off •Contains seal conditioners that provide an added level of protection and reduce oil leakage in high mileage engines •Contains proprietary additives that provide maximum protection against engine wear and harmful deposits •Reduces deposit formation to minimize compression loss and maximize engine performance

PART NO.	GRADE	SIZE
00016-38	SAE 5W-30	1 litre
00017-38	SAE 10W-30	1 litre

CASTROL HEAVY DUTY MOTOR OIL
A monograde oil that is formulated with high quality base oils and is fortified with Castrol's world-famous additives to provide outstanding protection and lubrication. Exceeds all passenger car and light truck manufacturer's requirements for protection of gasoline, diesel, and turbo-charged engines.

PART NO.	GRADE	SIZE
1567-42	SAE 30	1 litre
1570-42	SAE 40	1 litre

Ancillary Lubricants

CASTROL NON-DETERGENT OIL
For use in compressors recommending a non-detergent lubricant.

PART NO.	GRADE	SIZE
0146-42	SAE 10	1 litre
0148-42	SAE 30	1 litre

CASTROL SYNTEC BLEND MOTOR OIL
Provides an added level of synthetic protection versus conventional oils to gasoline and turbo-charged engines.

PART NO.	GRADE	SIZE
2025-38	SAE 5W-30	1 litre
2025-06	SAE 5W-30	208 litre
2026-38	SAE 10W-30	1 litre

CASTROL SYNTEC MOTOR OIL
Patented stabilizers aggressively seek out and neutralize harmful corrosive particles, suspending them away from engine parts, providing the ultimate in engine protection. Syntec contains an exclusive chemical ester that bonds to engine parts providing a layer of protection far stronger than conventional oils. Protects gasoline, diesel, and turbo-charged engines. 0W-30 allows for unaided engine starts down to -40°C.

PART NO.	GRADE	SIZE
2012-38	SAE 0W-30	1 litre
2009-38	SAE 5W-20	1 litre
2011-38	SAE 5W-30	1 litre
2014-38	SAE 5W-40	1 litre
2010-38	SAE 5W-50	1 litre
2013-38	SAE 10W-30	1 litre

CASTROL GTX DIESEL MOTOR OIL
A premium quality universal diesel motor oil formulated for highway and off-road use. Protects and maintains cleanliness in hot running, heavy duty diesel and gasoline engines.

PART NO.	GRADE	SIZE
4076-42	SAE 15W-40	1 litre
4076-89	SAE 15W-40	4.4 litre
1015-59	SAE 15W-40	18.9 litre
1015-06	SAE 15W-40	208 litre
1016-06	SAE 10W-30	208 litre
9007-49	SAE 30	946 ml

Castrol Lubricants carry the most current API, ILSAC, and other popular ratings.

Automatic Transmission Fluids

CASTROL ATF

Formulated to meet the demands of today's electronic transmissions requiring superior fluid flow under low temperature conditions.

PART NO.	GRADE	SIZE
GM & Ford approved for use in all GM and all 1983+ model Ford automatic transmissions and transaxles.		
0668-42	Dexron® III/Mercon®	1 litre
0668-10	Dexron® III/Mercon®	20 litre
0668-05	Dexron® III/Mercon®	205 litre
Ford approved for all transmissions calling for a Type F fluid		
1758-42	Type F	1 litre
00675-49	7176 (ATF +4)	946 ml
GM and Ford approved		
0672-49	Multi-Vehicle ATF	946 ml

Motorcycle Products

CASTROL GRAND PRIX FOUR-STROKE OIL

Multi-grade formula provides maximum protection against oil oxidation in high revolution motorcycle engines.

PART NO.	GRADE	SIZE
0747-42	SAE 10W-40	1 litre
0697-42	SAE 20W-50	1 litre

CASTROL CHAINLUBE

Designed to penetrate, clean, and protect all drive chains and sprockets.

PART NO.	GRADE	SIZE
0167-99	Chainlube (aerosol)	250 g

Power Steering Fluid

CASTROL GT POWER STEERING FLUID

This is recommended for "top-up" and complete refill of most passenger cars and light trucks.

PART NO.	SIZE
0789-47	500 ml

Gear Oils

CASTROL HYPOY C

Multi-grade gear lubricant recommended for manual transmissions and heavy duty truck systems under extreme pressure conditions. Syntec Gear Oil has synthetic durability for maximum protection under severe service conditions.

PART NO.	GRADE	SIZE
0658-75	SAE 80W-90	946 ml
0658-31	SAE 80W-90	4 litre
0658-10	SAE 80W-90	20 litre
0658-11	SAE 80W-90	60 litre
0856-11	SAE 75W-90	60 litre
2016-75	SAE 75W-90 Syntec Gear Oil	946 ml

Greases

GREASE LUBRICANTS

MP is a lithium complex grease formulated to provide exceptional protection and performance in all wheel bearing and chassis applications. Exceptional consistency, water washout resistance properties and extreme pressure adaptability. Lubricates from -40°C to 200°C. Universal Chassis Grease is a lithium grease recommended for automotive chassis lubrication points, including ball joints, and universal joints. Can also be used for automotive wheel bearings where Ford ESA-M1C75-B grease is specified. LMZ #1 is a lithium based white grease that offers excellent shearing and corrosion resistant qualities. Syntec Grease provides full synthetic protection under high and low temperatures. Resistant to water, rust, dirt, and corrosion.

PART NO.	GRADE	SIZE
0969-81	MP GREASE	400 g
0969-55	MP GREASE	450 g
0969-02	MP GREASE	2 kg
0969-18	MP GREASE	55 kg
0970-81	UNIVERSAL CHASSIS GREASE	400 g
0065-81	LMZ #1 GREASE	400 g
2022-33	SYNTEC GREASE	411 g

Two Stroke Lubricants

TWO STROKE OILS

Used in two cycle engines requiring fuel to oil ratios. Formulated with selected base oils and additives to minimize ring sticking and exhaust port clogging.

PART NO.	GRADE	SIZE
0020-48	SUPER TWO STROKE A.P.I. TC	250 ml
0020-47	SUPER TWO STROKE A.P.I. TC	500 ml
0020-42	SUPER TWO STROKE A.P.I. TC	1 litre
0980-42	GRAND PRIX TWO STROKE A.P.I. TC	1 litre

Snowmobile Lubricants

SNOWMOBILE OIL A.P.I. TC/ N.M.M.A. TC-W3

Formulated for use in oil injected systems. Also excellent when used in premixed systems requiring fuel/oil ratios. Helps prevent ring sticking, exhaust port blockage, and spark plug fouling. This oil provides superior low temperature flow performance and increased lubricity.

PART NO.	SIZE
0174-47	500 ml
0174-42	1 litre
0174-31	4 litre

Outboard Motor Lubricants

OUTBOARD MOTOR OILS

Selected base oils and premium ashless additive to ensure superior lubrication, cleanliness and rust protection in two cycle outboard motors.

PART NO.	GRADE	SIZE
1547-47	SUPER OUTBOARD N.M.M.A. TC-WII/TC-W3	500 ml
1547-31	SUPER OUTBOARD N.M.M.A. TC-WII/TC-W3	4 litre
0152-39	OUTBOARD GEAR OIL EP90	500 ml

Brake Fluid

GT LMA BRAKE FLUIDS

Unique, low moisture activity formulation provides maximum protection against vapour lock brake failure. Provides superior lubricity for anti-lock braking systems (ABS). Maintains a higher boiling point than conventional fluids.

PART NO.	SIZE
0320-44	354 ml

Castrol

Castrol Lubricants carry the most current API, ILSAC, and other popular ratings.

Automotive Oils

Q ADVANCED ENGINE™ FULL SYNTHETIC

Fine-tuned for advanced engines. Today's advanced engines generate power and performance with the help of aluminum cylinder heads, aggressive cam designs, multi-valves and turbochargers. But with powerful, high-tech components and tighter tolerances comes added friction and heat, which can break down even the toughest conventional motor oil. Q Advanced Engine™ Full Synthetic is specially formulated to maximize the performance and power of today's modern engines. Under conditions in which friction and heat are most severe, the heat-activated molecules in Q are unleased to provide a low-friction, ultra-heat resistant lubrication film. This superior, protective layer helps control power-robbing friction, prevent oil shearing and resist thermal and viscosity breakdown, whether under heavy loads or at high RPMs. The result: less friction, superior protection, and best of all... maximum power.

PART NO.	GRADE	SIZE
5050505	5W20	946 ml
29107	5W30	946 ml
5061016	5W30	4.4 litre
29105	10W30	946 ml
5061017	10W30	4.4 litre
29103	5W50	946 ml

Diesel Plus Formula:

5059095	5W40	946 ml

Q HIGH-RPM™ SYNTHETIC BLEND

Fine-tuned for engines with muscle. Whether your car has a muscular V-8 or a 4 cylinder turbo, there's nothing like the rush of pushing the RPMs. But when you rev high, you also rev hot, generating the kind of excess friction that can break conventional oils down and rob your engine of power. Q High RPM™ Synthetic Blend is specially formulated to maximize the performance of your high output engine. When heat and stress are at their most severe, special heat activated additives are unleased to provide a low-friction, heat resistant lubrication film. This advanced protective layer helps reduce the coefficient of friction, prevent oil shearing and resist thermal breakdown... even in engines that red line at 8000 RPMs. The result: less friction, better protection at high RPMs, and best of all... maximum power.

PART NO.	GRADE	SIZE
29109	5W30	946 ml
29110	10W30	946 ml

Q 4x4 and SUV™ SYNTHETIC BLEND

Whether hauling heavy loads or tackling tough off-road conditions, the engine in your truck or SUV is designed to perform on demand. But hard working vehicles like yours generate excess friction and heat in the engine, which can break down conventional oils and rob you of power. Q 4x4 and SUV™ Synthetic Blend is specially formulated to deliver maximum performance and power for hard working engines. Its heat activated molecules kick in under heavy loads and stress, creating a low-friction, heat resistant lubrication film. This advanced protective layer combats oil oxidation and resists thermal and viscosity breakdown, for better protection and maximum power.

PART NO.	GRADE	SIZE
5057594	5W20	946 ml
5039682	5W30	946 ml
5046178	5W30	4.4 litre
94424	10W30	946 ml
5046177	10W30	4.4 litre
29106	15W40	946 ml

HIGHER MILEAGE ENGINE™

Fine tuned for vehicles with over 120,000 km. Most modern engine oils are formulated to meet new car warranty requirements. However, as an engine ages and accumulates over 120,000 km problems such as oil consumption, oil leakage, or lower cylinder compression may arise. Quaker State® High Mileage Engine™ has been developed to help address those problems. It has lower volatility than most conventional engine oils. This helps reduce oil consumption at high operating temperatures. Additionally, a special conditioning additive was incorporated to help recondition seals and reduce leaking.

- Helps restore engine performance and power
- Helps prevent engine leaks and oil consumption
- Advanced protection for worn engine parts

PART NO.	GRADE	SIZE
5041796	5W30	946 ml
5061014	5W30	4.4 litre
63063	10W30	946 ml
5061015	10W30	4.4 litre

PEAK PERFORMANCE™

For advanced friction protection. Keep your engine performing at its peak with Quaker State® Peak Performance™. Fine tuned for engines in their prime, it protects against the harmful effects of friction. Plus, it is backed by a 400,000 km/10 Year Lubrication Limited Warranty. Even for those who change their own oil. Helps maintain engine life.

PART NO.	GRADE	SIZE
62709	5W20	946 ml
5061005	5W20	4.4 litre
62429	5W20	205 litre
29043	5W30	946 ml
5044489	5W30	4.4 litre
29042	10W30	946 ml
5044490	10W30	4.4 litre
29044	10W40	946 ml
29101	20W50	946 ml

Fleet & Heavy Duty Oils

FCI® SYNTHETIC BLEND UNIVERSAL HDX ENGINE OIL

This is a high performance, heavy duty oil that protects through all seasons. HDX 0W-30 motor oil is a synthetic blend that flows in temperatures as low as -40°C and protects engines at temperatures above 160°C. This is a premium motor oil formulated for severe diesel and gasoline engine service.

PART NO.	GRADE	SIZE
5042357	0W30	4 litre

FCI UNIVERSAL HDX PREMIUM HEAVY DUTY DIESEL ENGINE OIL

Recommended for use in heavy duty naturally aspirated and turbo-charged 2-cycle and 4-cycle diesel engines used in mobile and stationary service, as well as in modern 4-cycle automotive gasoline engines. HDX 15W40 Diesel engine oil meets or exceeds the latest requirements of industrial, military, and equipment builders.

PART NO.	GRADE	SIZE
29041	15W40	946 ml
5042359	15W40	4 litre

Transmission Oils

AUTOMATIC TRANSMISSION FLUIDS

There are various requirements for transmission fluids today. "Severe driving conditions" can change healthy, bright red fluid to a burnt-looking brown. Quaker State products are designed to meet all the latest manufacturers' specifications and offer outstanding resistance to wear, oxidation, varnish, and sludge. Manufactured with highly refined base oils and performance additives. Keeps vehicles shifting smoothly and running cool under various operating temperatures.

PART NO.	GRADE	SIZE
11083	Dexron®-III/Mercon®-V	946 ml
29048	Dexron®-IIIH/Mercon®	946 ml
5042360	Dexron®-IIIH/Mercon®	4 litre
5070845	ATF+4®	946 ml

MULTI-VEHICLE ATF

Quaker State® Multi-Vehicle Automatic Transmission Fluid, meets and exceeds the frictional requirements of most automatic transmissions manufactured after 1983. A perfect balance of superior additive technology and premium synthetic blend base oil, this product is specially formulated to meet the stringent viscosity and frictional requirements of Dexron®-III, Mercon® and Mercon®-V fluids. This product has also been tested extensively for Chrysler MS-7176 and MS-9602 and can be used in applications calling for ATF+3 and ATF+4.

PART NO.	SIZE
5036394	946 ml
160026	208 litre

Specialty Lubricants

STERLING 2-CYCLE MOTOR OIL TC-W3®

This is a new generation oil for outstanding lubrication and engine cleanliness. Stays mixed even in cold weather. Approved for use with gasohol/oxygenated fuels. Perfect for personal watercraft, such as jet skis, wave runners, etc.

PART NO.	SIZE
11079	500 ml
29051	946 ml
5044485	4 litre

Gear Lubricants

CONVENTIONAL 80W90 GEAR LUBRICANT

For years, Quaker State has been providing many car dealers, quick lubes and parts stores with high quality gear oils. These conventional products are formulated for use in passenger car and light truck differentials, as well as manual transmissions, axles and final drives of commercial equipment. 80W90 (GL-5/Limited Slip).

PART NO.	SIZE
29062	1 litre
11043	20 litre
11052	60 litre

FULL SYNTHETIC 75W90 GEAR LUBRICANT

Formulated for differentials and transmissions in high performance and heavy duty applications where an extended service interval may be required. This thermally stable product is recommended for vehicles with manual transmissions and conventional or limited slip differentials, especially where extremely low temperature shifting can be a problem. It also contains special additives to reduce bearing and gear distress, minimize chatter, oxidation or foaming, and provides protection against rust or corrosion better than any conventional gear oil.

PART NO.	SIZE
5066713	946 ml

Lubricating Grease

GOLDEN CHASSIS NLGI 2 LUBRICANT

Designed for multiple applications and temperature ranges. We design our products to be used in more than car wheel bearings. They perform in boat trailers and even commercial or industrial applications.

PART NO.	SIZE
11026	400 gram cartridge
32090	16 kg pail
42090	55 kg drum

Specialty Motor Oils

NEMCO SYNFLO MOTOR OIL - Semi-Synthetic Universal Motor Oil

Is a partial synthetic winter motor oil for mixed fleets of diesel, gasoline and propane powered vehicles. Excellent low temperature fluidity assures rapid oil circulation to protect vital engine parts in extreme cold starts.

PART NO.	GRADE	SIZE
99-4	SAE 0W/30	4 litre
99-20	SAE 0W/30	20 litre
99-205	SAE 0W/30	205 litre
128-10	SAE 15W/40	10 litre
128-20	SAE 15W/40	20 litre
128-205	SAE 15W/40	205 litre

NEMCO 100% SYNTHETIC MOTOR OIL

Race proven world class lubricants which exceed all major American, European, and Japanese performance requirements. NemCo 5W/30 and 10W/30 synthetic oils flow down to -54°C and pump at lower temperatures than similar SAE viscosity conventional oils, providing superior protection against wear at start-up when most engine wear occurs.

PART NO.	GRADE	SIZE
89-1	SAE 5W/30	1 litre
89-20	SAE 5W/30	20 litre
90-1	SAE 10W/30	1 litre
90-20	SAE 10W/30	20 litre
90-205	SAE 10W/30	205 litre

NEMCO OUTBOARD AND SNOWMOBILE OIL - Two Stroke Motor Oil

Provides the ultimate in performance in water and air cooled, two-cycle motors. It is designed to provide superior lubrication, reduced plug fouling, and cleaner exhaust ports. Meets TC-W3 engine oil performance standards.

PART NO.	SIZE
53-500	500 ml
53-1	1 litre
53-20	20 litre
53-205	205 litre

Transmission Fluids

NEMCO MULTI-PURPOSE AUTOMATIC TRANSMISSION FLUID (ATF)

Is a new premium product which can be used when either DEXRON® III or MERCON® fluids are specified. It can also be used in hydraulic systems when specified by the O.E.M.

PART NO.	SIZE
23-1	1 litre
23-4	4 litre
23-20	20 litre
23-205	205 litre

NEMCO POWERTRANS FLUID - Transmission Fluid Meeting Caterpillar TO-4 Requirements

Meets the demands for Caterpillar TO-4 specification requirements for transmission and drivetrain fluids.

PART NO.	GRADE	SIZE
241-20	SAE 10 TO-4	20 litre
241-205	SAE 10 TO-4	205 litre
243-20	SAE 30 TO-4	20 litre
243-205	SAE 30 TO-4	205 litre

NEMCO MULTI-PURPOSE TRACTOR TRANSMISSION/HYDRAULIC FLUID

TGH and TGH Arctic - is used in tractors employing a common fluid reservoir.

TGH Fluid is approved against these specifications:

*John Deere J20D(Ford) *New Holland M2C134D (FNH201)
*Massey Ferguson M1135, M1141 *White New Idea Q-1802, Q-1826
*Allison C-4 and Volvo BM *Denison HF-0, HF-1, HF-2
*Sauer Sundstrand *Volvo AWB 101
*AGCO Clark Sundstrand ZFTE-ML06

TGH and TGH Arctic Fluid Exceed Performance Requirements of:

*Case International J/C 145/MS 1210, J/C 185/MS 1204, MS 1205, MS 1206, MS 1207, B6 -Sundstrand Gear Pump
*Copper Corrosion (ASTM D 130), 1A Rating
*Deutz-Allis 821XL
*Komatsu Dresser B-06-0001, B-06-0002
*Caterpillar TO-2 Powershift
*L-20
*Dexron® and Type A, Suffix A (Tractor)
*Sundstrand Hydrostatic
*Vickers 35VQ25A Pump
*Sundstrand 22 Axial Piston Pump
*Cincinnati Millacron P-68, P-69, P-70

Exceeds Performance Recommendations of:

*Clark, KH Deutz, Ebru, Fendt, Fiat-Hesston, Hurlimann, International Hough IMT, Lamborghini, Link Belt, Renk, Schulter, Steyr Daimler Puch, Steiger, Universal, Ursus, Valmet, and Zetor

Application:

*Recommended for top-up and refill of transmissions, differentials, final drives, hydraulic and power steering systems, as well as wet brakes, PTOs and hydrostatic drives in farm, contractor and industrial tractors recommending the above specifications.

PART NO.	SIZE
25-10	10 litre
25-20	20 litre
25-205	205 litre
256-20	20 litre Arctic
256-205	205 litre Arctic

NemCo Lubricants carry the most current API, ILSAC, and other popular ratings.

Gear Lubricants

NEMCO MULTIGEAR LUBRICANT (TACIFIED)

Is a unique product suitable for conventional manual transmissions and differential rear axles in vehicles specifying API GL 2-3-4-5 gear type lubricant. It is formulated to give exceptional service in cold weather applications.

PART NO.	GRADE	SIZE
35-20	75W/80	20 litre
35-60	75W/80	60 litre
35-205	75W/80	205 litre
36-20	80W/90	20 litre
36-60	80W/90	60 litre
36-205	80W/90	205 litre
37-20	85W/140	20 litre
37-60	85W/140	60 litre
37-205	85W/140	205 litre

NEMCO SYNTHETIC GEAR LUBRICANT

Fully approved for drive axles and transmissions by the Eaton™ Roadranger™ extended warranties of 750,000 miles, with oil drains of 500,000 miles.

PART NO.	GRADE	SIZE
376-4	75W/90	4 litre
376-20	75W/90	20 litre
376-60	75W/90	60 litre
376-205	75W/90	205 litre
378-20	SAE 50	20 litre
378-205	SAE 50	205 litre

Industrial Oils

NEMCO HVI HYDRAULIC FLUID

Designed for hydraulic systems which operate in severe temperature ranges (a multigrade type of hydraulic fluid that cross references Univis, Tellus T, and Harmony HVI products)

PART NO.	GRADE	SIZE
266-20	HVI 22	20 litre
266-205	HVI 22	205 litre
276-20	HVI 32	20 litre
276-205	HVI 32	205 litre
286-20	HVI 46	20 litre
286-205	HVI 46	205 litre

NEMCO ALL SEASON HYDRAULIC FLUID

Blended from premium quality mineral base oils. It is fortified with V.I. improvers, rust, anti-wear, anti-foam and oxidation inhibitors to impart optimum performance, including usefulness over a wide operating temperature range and longer service life. A multigrade fluid with a pour point of -45°C.

PART NO.	GRADE	SIZE
0310-004	Multigrade	4 litre

NEMCO CHAIN OIL

Designed to provide optimum lubrication of the chain and guide bar of chain saws. These oils provide excellent anti-wear characteristics to extend chain and bar life. NemCo chain oils are available in All Season Chain Oil designed for year round use in all temperatures. Light Chain Oil is designed for winter use and Heavy Chain Oil is designed for summer use.

PART NO.	GRADE	SIZE
38-1	All Season Chain Oil	1 litre
38-4	All Season Chain Oil	4 litre
39-4	Light Chain Oil	4 litre
39-205	Light Chain Oil	205 litre
41-4	Heavy Chain Oil	4 litre
41-205	Heavy Chain Oil	205 litre

NEMCO WAYLUBE OIL

Specially designed to lubricate the slideways of machine tools. These unique formulations provide excellent film strength, lubrication, and machine table accuracy as well as resisting removal by synthetic coolants and soluble oils.

PART NO.	GRADE	SIZE
1292-20	68 Waylube Oil	20 litre
1293-20	220 Waylube Oil	20 litre

Grease

RED MAX GREASE - EP Aluminum Complex Grease

Is a premium quality, extreme pressure multi-purpose grease that has a smooth and tacky consistency and is red in colour. Red Max has an extremely high dropping point (260°C) and gives outstanding performance in high temperature applications. Excellent water resistance provides bearing protection when water wash-out or leaching conditions are encountered.

PART NO.	GRADE	SIZE
432-14	EP1	14 oz.
43-14	EP1.5	14 oz.
43-35	EP1.5	35 lb.
43-120	EP1.5	120 lb.
43-400	EP1.5	400 lb.

BLUE MAX GREASE - Lithium Complex EP Grease

Is a Premium Lithium Complex Grease designed for use on plain and anti-friction bearings in all automotive, farm equipment, and industrial machinery. This multi-purpose lithium complex grease has a high dropping point in excess of 260°C, which insures retention where high temperatures are encountered.

PART NO.	GRADE	SIZE
44-14	EP1	14 oz.
44-35	EP1	35 lb.
45-14	EP2	14 oz.
45-35	EP2	35 lb.
45-120	EP2	120 lb.

NemCo Lubricants carry the most current API, ILSAC, and other popular ratings.

SUPER TURBO MOTOR OILS

Premium high-detergent, high-performance, new generation oils designed to deliver long and dependable protection for today's high performance gasoline and light to medium duty diesel engines, including the critical performance demands of turbo-charged and super-charged gasoline engines. All Super Turbo oils are fully approved API SJ and the 5W30 and 10W30 are licensed to carry the "Star-Burst" Energy Conserving II designation.

PART NO.	GRADE	SIZE
GP5W30-1	5W30	946 ml
GP10W30-1	10W30	946 ml
GP10W30-4	10W30	3.785 litre
GP10W40-1	10W40	946 ml
GP20W50-1	20W50	946 ml
GP30W-1	30W	946 ml
GP40W-1	40W	946 ml

SUPER DUTY 15W40 DIESEL MOTOR OIL

Is designed for use in heavy duty diesel engines in the most demanding environments. This all-fleet motor oil may be used wherever the highest quality gasoline or diesel engine oils are required, and meet all current and former specifications for: CI, CH-4, CG-4, CF-4, CF-2, CF, CE, CD-II, CD, SJ, SH, SG, Caterpillar TO-2, Cummins NTC-400, Mack EO-L, and Allison C-3, C-4.
Part No. GP15W40-1, 946 ml.
Part No. GP15W40-4, 3.785 litre.
Part No. GP15W40-20, 18.92 litre.

SYNTHETIC MOTOR OIL

Is engineered for dependable protection and critical performance as it is formulated to provide superior performance in most gasoline and diesel engines. Contains a special additive package and is designed to meet today's low phosphorus level requirements. Fully approved API SJ, SH, SG, CD, CE, and CF.
Part No. GPSYN5W50-1, 946 ml.

UNIVERSAL DEXRON III/MERCON ATF (Automatic Transmission Fluid)

High quality, new generation automatic transmission fluid is for use in all new automatic transmissions requiring Dexron III and/or Mercon transmission fluids. It is also a premium quality multiple use hydraulic fluid approved for use where Allison C-3, C-4 or Caterpillar TO-2 fluids are required.
Part No. GPDEXRON-1, 946 ml.

OUTBOARD & 2 CYCLE TC-W3 OIL

Fully approved 2 cycle oil certified by the NMMA is formulated to meet the requirements of outboard manufactures calling for a TC-W3 rating. May also be used successfully in any 2 cycle application such as marine, motorcycle, snowmobiles, and other 2 cycle recreational vehicles, as well as lawn and garden applications.
Part No. GPUTC-1, 946 ml.

GL-5 SYNTHETIC HIGH PERFORMANCE GEAR OIL

This high viscosity index, low pour point, synthetic based product provides reduced friction with resultant fuel saving potential during low temperature start-up and operation. Superior high performance gear oil is formulated to meet the requirements of API classification: GL-5, MIL PRF-2105E, Eaton Axle Division Bulletin 88-201, GE D 50E9C, P&H 474, Mack GO-J Plus, and Rockwell 0-76-E.
Part No. GPSYN75W90-1, 946 ml.
Part No. GPSYN75W90-20, 18.92 litre.

GL-5 MULTI-PURPOSE GEAR OILS

Recommended for use in differentials and final drives of the bevel, spiral bevel, or hypoid type and in all manual (non-automatic) transmissions. Also recommended for limited slip or posi-traction type rear axles. These GL-5 multi-purpose gear lubricants meet the requirements of API service classification GL-5, and specification MIL-L-2105D.
Part No. GP80W90-1, 80W90 gear oil, 946 ml.
Part No. GP80W90-20, 80W90 gear oil, 18.92 litre.
Part No. GP85W140-20, 85W140 gear oil, 18.92 litre.

SPECIAL ISO 32 HYDRAULIC FLUID

Specifically blended to offer light-treat antiwear properties in an economical hydraulic oil. This oil offers substantial anti-wear protection and is an excellent and durable lubricant engineered to inhibit oxidation, keep systems clean, rust-free, and protected from corrosion. Suitable for a wide variety of applications where highly inhibited oils are not required and should not be used where original equipment specifications are required.
Part No. GPHO32-20, 18.92 litre.

DOT 3 BRAKE FLUID

Super heavy duty drum and disc brake fluid with a high temperature rating, and a minimum wet boiling point of 284°F. Surpasses CMVSS 116 and SAE J-1703 as well as US Federal motor vehicle standard 116 and W-B 680.
Part No. GPBF-350, 350 ml.
Part No. GPBF-1, 946 ml.
Part No. GPBF-4, 3.785 litre.

POWER STEERING FLUID

Formulated from highly refined base oils and select additives to provide smoother performance for year round use while protecting against wear, oxidation, corrosion, foaming, and clogging. Compatible with all factory power steering fluids.
Part No. GPPS-350, 350 ml.
Part No. GPPS-1, 946 ml.

UNIVERSAL OUTBOARD & 2 CYCLE OIL

Is an excellent 2 cycle mix oil alternative when economy is a concern yet quality is required for marine and other applications. This oil is manufactured from a special low ash formula to protect against corrosion, rust, and wear and is fortified with chemical inhibitors to assist in keeping engines clean, reduce spark plug fouling, and piston scuffing.
Part No. GPATC-1, 946 ml.

AMALIE/XCEL
Additives

SUPER OIL TREATMENT
Specially formulated to help maintain viscosity of motor oil at high temperatures, helping to reduce oil burning and tailpipe smoke. Designed to be added at regularly scheduled oil changes.
Part No. GPSOT-350, 350 ml.

ENGINE FLUSH
Engine flush is designed to circulate through the entire oil system removing power-robbing deposits by dissolving sludge, gum and varnish from the engine and the oil pan as well as helping sticky valves and rings. Designed to be added at regularly scheduled oil changes.
Part No. GPEF-350, 350 ml.

SUPER CONCENTRATED FUEL INJECTOR CLEANER
Designed to improve performance, fuel economy and reduce emissions through its high strength concentrated cleaner which removes deposits throughout the entire fuel delivery system. Also helps with tough starts, rough idling and increases power and acceleration.
Part No. GPFIG-350, 350 ml.

FUEL INJECTOR & CARBURETOR CLEANER
By using regularly, this will help keep injectors, intake valves, fuel system, port and PCV system clean. Also reduces exhaust emissions, improves gas mileage, power and performance and eliminates hesitation, rough idling, engine knock and ping. Safe for all types of gasoline and on catalytic converters and oxygen sensors.
Part No. GPFICC-350, 350 ml.

SUPER OCTANE TREATMENT & BOOST
Increases octane, eliminates engine knock and ping and improves fuel combustion. Also prevents fuel system from freezing and will not harm catalytic converters.
Part No. GPOB-350, 350 ml.

DIESEL FUEL ANTI-GEL & CONDITIONER
Prevents fuel from gelling in cold weather allowing it to flow freely as well as cleans injectors and disperses water. Maintains Cetane rating for quicker starting, and contains conditioners to clean filters and fuel lines year round. Treats 50 US gallons or 190 litres.
Part No. GPDFC-350, 350 ml.

RADIATOR STOP LEAK
Stops leaks quickly in radiator and entire cooling system. Prevents antifreeze loss and seals against seepage. Is designed for use in all cooling systems including aluminum and will not harm hoses or gaskets. No clogging formula is compatible with any standard antifreeze.
Part No. GPRSL-350, 350 ml.

RADIATOR FAST FLUSH
Helps restore cooling system efficiency and prevents overheating by helping to remove rust, scale, grease and sludge. Safe for aluminum blocks, will not harm cooling systems, nor is harmful to hoses or gaskets.
Part No. GPRFF-350, 350 ml.

RECOCHEM
Chain Saw Oil

Part No. 14-004, 4 litre jug light chain saw oil - 4 per case
Part No. 14-204, 4 litre jug heavy chain saw oil - 4 per case

LUBRIPLATE®

Grease

PART NO.	REF. #	DESCRIPTION
C105	(03494)	Lubriplate motor assembly lube, 284 gram tube
35-C105	(03435)	Lubriplate motor assembly lube, 35 lb. pail.
SLA	(03463)	Lubriplate 'Spray Lube A' lubricant/grease - light coloured. -10° to +265°F. 311 gram aerosol can.
CCF	(13563)	Lubriplate chain and cable fluid used for cleansing, penetrating and lubricating roller chains and wire rope, 340 gram aerosol can.
GSXH	(15263)	Lubriplate gear shield extra heavy spray. A tacky, high temperature, extreme pressure grease for open gears. 311 gram aerosol can.
630-2	(07298)	Lubriplate multi-purpose grease, 411 gram cartridge.
35-630-2	(07235)	Lubriplate multi-purpose grease, 35 lb. pail.
930-2	(10098)	Lubriplate multi-purpose high temperature grease. +375°F. 411 gram cartridge.
35-930-2	(10035)	Lubriplate multi-purpose high temperature grease. +375°F. 35 lb. pail.
LT-2	(17298)	Lubriplate multi-purpose low temperature grease. -60°F. 411 gram cartridge.
35-LT-2	(17235)	Lubriplate multi-purpose low temperature grease. -60°F. 35 lb. pail.
1200-2	(10298)	Lubriplate heavy duty extreme pressure grease, 411 gram cartridge.
35-1200-2	(10235)	Lubriplate heavy duty extreme pressure grease, 35 lb. pail.
3000-2	(10898)	Lubriplate tacky, moly, extreme pressure grease. 15°F to +450°F. 411 gram cartridge.
35-3000-2	(10835)	Lubriplate tacky, moly, extreme pressure grease. 15°F to +450°F. 35 lb. pail.
3000-W-2	(10798)	Lubriplate low temperature, tacky, moly, extreme pressure grease. -30°F to +275°F. 411 gram cartridge.
35-3000-W-2	(10735)	Lubriplate low temperature, tacky, moly, extreme pressure grease. -30°F to +275°F. 35 lb. pail.
HT-2	(16198)	Lubriplate high temperature non-melt grease. 40°F to 450°F; 550°F for short intervals. 411 gram cartridge.
35-HT-2	(16135)	Lubriplate high temperature non-melt grease. 40°F to 450°F; 550°F for short intervals. 35 lb. pail.

RED RAM

Lubricants

RED RAM ALUMINUM COMPLEX GREASE

The industry standard for outstanding operating performance for a multi-purpose grease over a wide range of applications. Aluminum Complex greases are completely water resistant, possess high temperature properties, exhibit excellent shear and mechanical stability and provide outstanding temperature reversibility characteristics. These greases are fortified with anti-rust, anti-oxidant, extreme pressure, and anti-wear additives. This unique formulation provides an excellent plating action on metal parts as well as providing outstanding anti-scuff wear protection.

Part No. 0104028, A-Complex Grease EP 1-1/2 - 400 gram.

RED RAM BLUE VELVET MULTI-PURPOSE GREASE

A premium high temperature lithium complex grease. It provides excellent performance in severe applications such as disc brake wheel bearings, Spicer and Rockwell U-joints, backhoe hinge pins, fan hubs, conveyor bearings, and fifth wheels. Red Ram Blue Velvet Multi-Purpose grease has been engineered to provide outstanding load carrying protection as well as unequalled shock load protection. These types of applications are applicable to mining operations, sawmills, sand-gravel plants, and construction equipment where shock loading is quite frequent and additional load carrying ability is needed. Red Ram Blue Velvet Multi-Purpose grease has an operating temperature range from -12°C to 163°C and is an approved high temperature lubricant for Spicer's universal joint specification M-2006-J.

Part No. 0104528, Blue Velvet Multi-Purpose Grease EP2 - 400 gram.

RED RAM
PREMIUM LUBRICANTS

Greases

PART NO.	DESCRIPTION
11310	Ultra Lube Multi-Purpose Lithium Grease - 14 oz. cartridge
11335	Moly EP Multi-Purpose Grease - 14 oz. cartridge
11315	Multi-Purpose Lithium Grease - 14 oz. cartridge
11316	Multi-Purpose Lithium Grease - 16 oz. can
11363	White Lithium Grease with Teflon - 12 oz. aerosol can
11354	White Lithium Grease - 14 oz. cartridge
11350	White Lithium Grease - 16 oz. can
11390	LMX Industrial/Agricultural "Red" Grease - 14 oz. cartridge
11380	High-Temperature Wheel Bearing Grease - 16 oz. can
11382	High-Temperature Wheel Bearing Grease - 4 lb. tub
11465	ProTech 2000 Disc and Drum Wheel Bearing Grease - 14 oz. cartridge
11395	Motor Assembly White Lithium Grease - 10 oz. tube
11745	5th Wheel Trailer Grease - 12 oz. bag, 100 bags per pop-up display

Gear Oils

PART NO.	DESCRIPTION
11500	SAE 80W90 EP Gear Oil - Quart bottle with spout cap
11507	SAE 80W90 EP Gear Oil - Gallon jug
11505	SAE 85W140 EP Gear Oil - Quart bottle with spout cap
11509	SAE 85W140 EP Gear Oil - Gallon jug

Specialty Engine Oils

PART NO.	DESCRIPTION
11525	Two-Cycle Engine Oil - 8 oz. bottle
11527	Two-Cycle Engine Oil - Quart bottle
11531	Four-Cycle Power Mower Oil - 20 oz. bottle

Bar & Chain Oil, Jack Oil

PART NO.	DESCRIPTION
11532	Chainsaw Bar and Chain Oil - Quart bottle
11535	Chainsaw Bar and Chain Oil - Gallon jug
11610	Hydraulic Jack Oil - Pint bottle

Automotive Chemicals

Spray Lubricants

PART NO.	DESCRIPTION
11363	White Lithium Grease w/Teflon - 12 oz. aerosol can
11401	Corrosion Pro Spray Grease - 11 oz. aerosol can
11470	Marine/Industrial Silicone Lubricant - 9¾ oz. aerosol can
11472	Garage Door Lubricant - 12¾ oz. aerosol can
11473	Open Gear and Wire Rope Lube - 11¼ oz. aerosol can
11474	Chain and Cable Lubricant - 12 oz. aerosol can

Snowmobile Products

PART NO.	DESCRIPTION
11461	Snowmobile Grease - 14 oz. cartridge
11462	Two-Cycle Snowmobile Oil - Quart bottle 50:1
11463	Two-Cycle Snowmobile Oil - Gallon jug 50:1

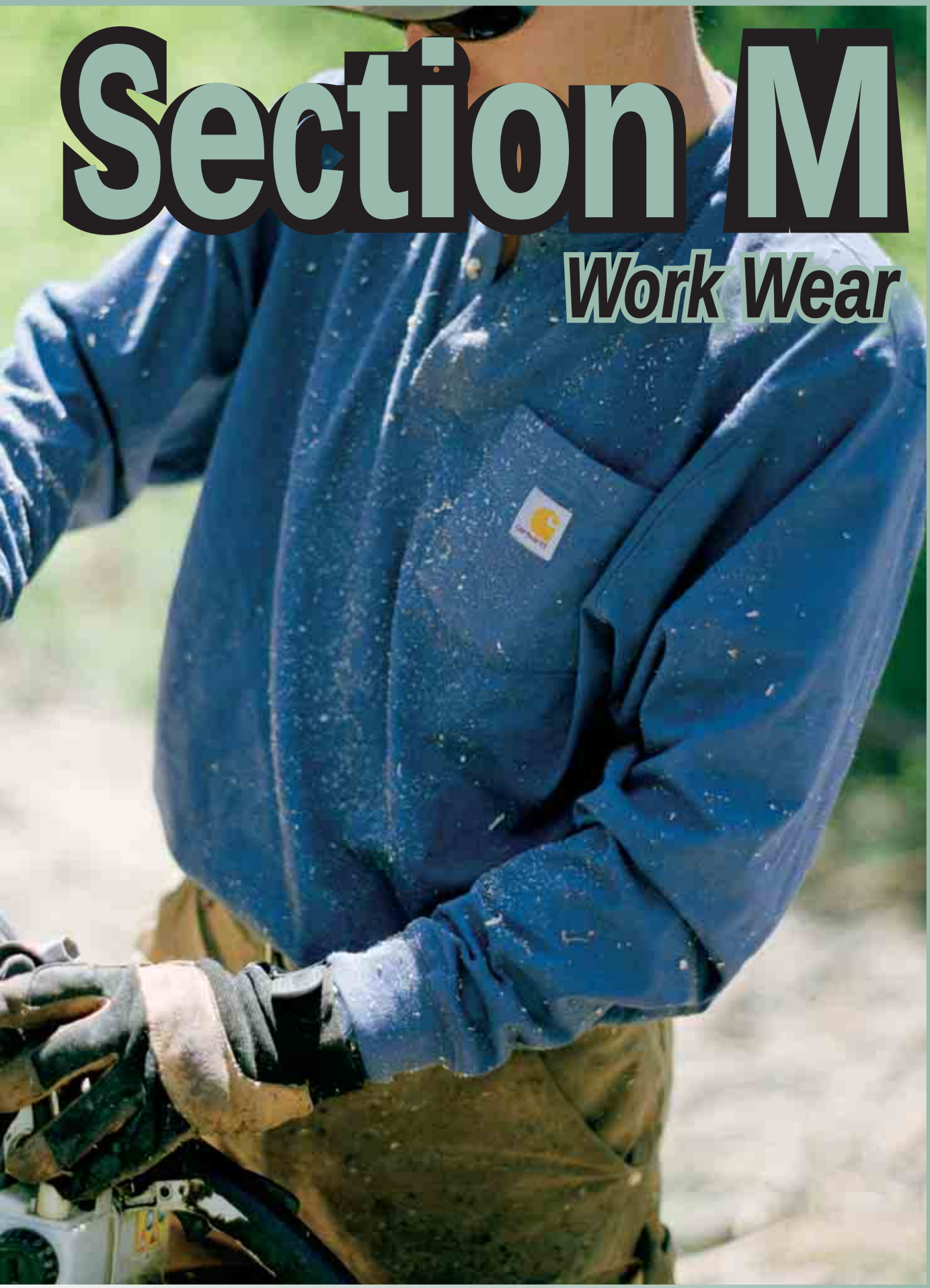
Marine Products

PART NO.	DESCRIPTION
11401	Corrosion Pro Spray Grease - 11 oz. aerosol can
11402	Corrosion Pro Marine Grease - 14 oz. cartridge
11404	Corrosion Pro Marine Grease - 16 oz. can
11590	TC-W3® Two-Cycle Outboard Motor Oil - Pint bottle
11591	TC-W3® Two-Cycle Outboard Motor Oil - Quart bottle
11592	TC-W3® Two-Cycle Outboard Motor Oil - Gallon jug
11593	TC-W3® Two-Cycle Outboard Motor Oil - 2-1/2 gallon jug
11540	High Viscosity Marine Lower Unit Gear Lube - 10 oz. tube
11552	High Viscosity Marine Lower Unit Gear Lube - Quart bottle
11542	Premium Type C Marine Lube - 10 oz. tube
11554	Premium Type C Marine Lube - Quart bottle
11544	Hypoid 90 Marine Gear Lube - 10 oz. tube
11556	Hypoid 90 Marine Gear Lube - Quart bottle
11563	Power Pro Synthetic Marine Gear Lube - 10 oz. tube
11564	Power Pro Synthetic Marine Gear Lube - Quart bottle
11578	Power Trim and Tilt Fluid - 10 oz. tube
11412	Marine Storage Fogging Oil - 12 oz. aerosol can

LubriMatic®

Section M

Work Wear



Look!
Fresh out of the crate!!
What's New In this Section?
We've highlighted new-product lines in this section with a "New" logo.
Please Note: Many existing product lines have been expanded and may not be listed on this quick index.
FRAGILE
HANDLE WITH CARE
Product Line
Wasip Insulated Work Wear ..... M29 - M30
Section M
Gregg Distributors Ltd.

HELLY HANSEN
Heavyweight Rainwear

Helly Hansen Rainwear P Series rainwear is made from PVC-coated cotton, the standard in commercial rainwear around the world for over 40 years. With MicroWelded™ seams, Helly Hansen rainwear is guaranteed 100% waterproof. PVC is resistant to most chemicals, oil, grease, acids, saltwater, sunlight and mildew. This PVC rainwear won't peel, crack or become sticky. It stays flexible down to -25°C and is machine washable. Available in Dark Green.

P300 JACKET
•PVC coated cotton •Drawcord hood •Inside stormflap •Microwelded seams •Rust-resistant snaps

P104 LONG RAINCOAT
•PVC coated cotton •Three quarter length •Two front pockets with waterproof flaps •Rust resistant snap closure •Drawcord hood •Microwelded seams

P400 DOUBLE BIB PANT
•PVC coated cotton •Microwelded seams •Side gusset •Adjustable suspenders •Can be worn back to front

SIZE	PART NO. JACKET DARK GREEN	PART NO. RAINCOAT DARK GREEN	PART NO. BIB PANT DARK GREEN
small	P300-S	P104-S	P400-S
medium	P300-M	P104-M	P400-M
large	P300-L	P104-L	P400-L
X-large	P300-XL	P104-XL	P400-XL
2x-large	P300-2XL	P104-2XL	P400-2XL
3x-large	P300-3XL	P104-3XL	P400-3XL

Impertech Mid-Weight Rainwear

An exceptional fabric which is completely waterproof and comfortable — something rarely found in such lightweight fabrics. Impertech's built-in stretch factor and the generous cut of the garments produce a relaxed, non-binding fit. Garment details such as inner storm cuffs and Velcro closures contribute to garment style features. Impertech is a Polyurethane (PU) coated nylon, it is virtually noiseless. Available in Olive Green and Orange.

IT600 STRETCH JACKET
•PU coated nylon knit •Drawcord hood •Snap closing stormflap •Microwelded seams

IT800 STRETCH BIB PANT
•PU coated nylon knit •Side snap adjustment •Adjustable suspenders •Microwelded seams •Can be worn back to front

SIZE	PART NO. JACKET OLIVE GREEN	PART NO. JACKET ORANGE	PART NO. BIB PANT OLIVE GREEN	PART NO. BIB PANT ORANGE
small	IT600-S-GR	IT600-S-OR	IT800-S-GR	IT800-S-OR
medium	IT600-M-GR	IT600-M-OR	IT800-M-GR	IT800-M-OR
large	IT600-L-GR	IT600-L-OR	IT800-L-GR	IT800-L-OR
x-large	IT600-XL-GR	IT600-XL-OR	IT800-XL-GR	IT800-XL-OR
2x-large	IT600-2XL-GR	IT600-2XL-OR	IT800-2XL-GR	IT800-2XL-OR
3x-large	IT600-3XL-GR	IT600-3XL-OR	IT800-3XL-GR	IT800-3XL-OR

Waterproof/Breathable Rainwear

Two way performance: waterproof/breathable •Polyurethane (PU) coated polyester with taped seams •Available in Red/Navy and Navy/Gray.

U201 COMPASS JACKET
•Full mesh lining in body, polyester taffeta lining in sleeve •Zipper front and outer stormflap with snap closure •Stow-away 3 panel hood with drawcord and cordlocks •High collar for good neck coverage •All zippered pockets: two front, one left chest and one inner •Elastic cuff with velcro tab closure •Reflective piping on front lower pockets, on sleeves and across back yoke •Adjustable shockcord at bottom hem

U300 COMPASS PANT
•Polyester taffeta lining •Elastic/shockcord waist •Front and back zippered pockets •Zipper closures with inner storm vents on lower leg •Velcro adjustment at leg hem

SIZE	PART NO. JACKET RED/NAVY	PART NO. JACKET NAVY/GRAY	PART NO. PANT NAVY
x-small	U201-XS-RN	U201-XS-NG	U300-XS-NVY
small	U201-S-RN	U201-S-NG	U300-S-NVY
medium	U201-M-RN	U201-M-NG	U300-M-NVY
large	U201-L-RN	U201-L-NG	U300-L-NVY
x-large	U201-XL-RN	U201-XL-NG	U300-XL-NVY
2x-large	U201-2XL-RN	U201-2XL-NG	U300-2XL-NVY
3x-large	U201-3XL-RN	U201-3XL-NG	U300-3XL-NVY

Sizing information on page M68

Heavyweight Flame Retardant Rainwear

Helly Hansen's heavyweight flame retardant fabric has become the industry standard when requiring oil and flame resistant protective clothing. Oil and flame resistant PVC coated cotton. This heavyweight rainwear meets CGSB-155.20 standard before washing. Available in Hi-Vis Orange.

FR600 JACKET, FLAME RETARDANT

•Attached generously cut 3 panel helmet hood with drawcord •Inside stormflap •Concealed nickel plated brass snaps

FR800 DOUBLE BIB PANT, FLAME RETARDANT

•Side gusset for easy entry •Adjustable suspenders •Can be worn back to front for longer wear •Generously cut

SIZE	PART NO. JACKET HI-VIS ORANGE	PART NO. BIB PANT HI-VIS ORANGE
small	FR600-S	FR800-S
medium	FR600-M	FR800-M
large	FR600-L	FR800-L
x-large	FR600-XL	FR800-XL
2x-large	FR600-2XL	FR800-2XL
3x-large	FR600-3XL	FR800-3XL

Top Deck™ Mid-Weight Flame Retardant Rainwear

Flame retardant fabric is a double coated PVC on a polyester core. All garments feature non-conductive snaps. Excellent for construction work, public utilities, and municipalities. The quality of Top Deck fabric satisfies the requirements of the flame resistance criteria specified in paragraph 5.2 of CAN/CGSB-155.1-M88. Available in Yellow and Orange.

TD200 TOP DECK HOODED JACKET, FLAME RETARDANT

•Attached 2 panel hood with drawcord •Non-conductive marlex snaps on front closure •Inside stormflap

TD300 TOP DECK JACKET, FLAME RETARDANT

•Stand-up collar for snap on hood attachment (see styles TD100 and/or TD101 sold separately) •Non-conductive marlex snaps on front closure •Inside stormflap

SIZE	PART NO. TD 200 JACKET YELLOW	PART NO. TD 300 JACKET ORANGE
small	TD200-S-Y	TD300-S-OR
medium	TD200-M-Y	TD300-M-OR
large	TD200-L-Y	TD300-L-OR
x-large	TD200-XL-Y	TD300-XL-OR
2x-large	TD200-2XL-Y	TD300-2XL-OR
3x-large	TD200-3XL-Y	TD300-3XL-OR

TD300

TD200

TD104 TOP DECK SUPERVISOR'S COAT, FLAME RETARDANT

•Full length •Two front pockets with microwelded flaps •Stand-up collar for snap on hood attachment (see styles TD100 and/or TD101 sold separately) •Non-conductive marlex snaps on front closure •Inside stormflap

TD400 TOP DECK BIB PANTS, FLAME RETARDANT

•Single bib pant with adjustable suspenders and side gusset for easy entry

SIZE	PART NO. SUPERVISOR COAT YELLOW	PART NO. SUPERVISOR COAT ORANGE	PART NO. BIB PANT YELLOW	PART NO. BIB PANT ORANGE
small	TD104-S-Y	TD104-S-OR	TD400-S-Y	TD400-S-OR
medium	TD104-M-Y	TD104-M-OR	TD400-M-Y	TD400-M-OR
large	TD104-L-Y	TD104-L-OR	TD400-L-Y	TD400-L-OR
x-large	TD104-XL-Y	TD104-XL-OR	TD400-XL-Y	TD400-XL-OR
2x-large	TD104-2XL-Y	TD104-2XL-OR	TD400-2XL-Y	TD400-2XL-OR
3x-large	TD104-3XL-Y	TD104-3XL-OR	TD400-3XL-Y	TD400-3XL-OR

TD100 TOP DECK REGULAR HOOD, FLAME RETARDANT

Snap on hood attaches to style TD300 or TD104 garments. To be worn without hard hat.
Part No. TD100Y, yellow.
Part No. TD100OR, orange.

TD101 TOP DECK HELMET HOOD, FLAME RETARDANT

•Snap on hood attaches to style TD300 or TD104 garments. To be worn with side impact hard hat.
Part No. TD101Y, yellow.
Part No. TD101OR, orange.

TD101

TD100

Sizing information on page M68

Beaver Nylon Heavyweight Thermal Outerwear

These garments are manufactured using the highest quality fabric and trim items available to ensure maximum comfort and flexibility while working in harsh cold conditions. The outer shell is a rugged Beaver nylon of 57% cotton and 43% nylon, with a light water repellent coating. Helly Hansen Thermal Pile is used for the inner liner to ensure maximum warmth and comfort. Reflective stripes provide high visibility.

SIZE	PART NO. WORK SUIT NAVY
40	F384-40
42	F384-42
44	F384-44
46	F384-46
48	F384-48
50	F384- 50
52	F384-52
54	F384-54
56	F384-56
44 Tall	F384-44T
46 Tall	F384-46T
48 Tall	F384-48T
50 Tall	F384-50T
52 Tall	F384-52T

F384/F385 POLAR WORK SUIT

Polyurethane coated nylon inserts on shoulders and lower legs. Thermal pile lining in collar, arms, trunk, and lower legs. Tuck and elastic tightening in back. Two chest and lower leg pockets with snap closing flaps. Two side pockets and two back pockets. Two-way front zipper closure with outside storm flap. Zipper closure in lower legs with outside storm flaps. Reflective stripes around upper arms, lower legs, and back. Snap fastener tightening at wrists and lower legs. Snaps and Velcro on collar to attach hood (included). Navy.

F585 HELMET HOOD

Regular fitting beaver nylon drawstring hood with thermal pile lining. Snap fasteners and Velcro to attach to F384, F385, and F751B. Fits over a hard hat. One size.
Part No. F585N, Navy.

SIZE	PART NO. PARKA NAVY	PART NO. BIB PANT NAVY
small	F751B-S	F851B-S
medium	F751B-M	F851B-M
large	F751B-L	F851B-L
x-large	F751B-XL	F851B-XL
2x-large	F751B-2XL	F851B-2XL
3x-large	F751B-3XL	F851B-3XL

F751B POLAR PARKA

Thermal pile lining throughout body and arms. Inner storm cuffs. Two hand warmer pockets and a chest pocket with snap closing pocket flaps. Outer storm flap covers a heavy duty one way Delrin zipper. Drawcord waist, Reflexite tape around arms and across back. Includes hood. Navy.

F851B POLAR BIB PANT

Lined throughout with thermal pile. Two layers of pile across the lower back. Elasticized back, waist and adjustable suspenders. Two-way front zip and 23" side leg zippers and snap-closing storm flaps covering all zippers. Navy.

Stretch Suit Heavyweight Thermal Outerwear

The new Helly Hansen insulated stretch suit combines comfort with great protection. The outer shell is 160g/sq. metre polyurethane on knit nylon base. This tear resistant fabric feels like leather but has stretch for extra comfort. All seams are Microwelded to be completely waterproof. The liner of this suit is a 12 mm thermal pile, made popular in Helly Hansen's Polar suits. This pile will keep its insulative properties for the life of the garment.

SIZE	PART NO. PARKA NAVY	PART NO. PARKA HI-VIS ORANGE
small	INS309-S-N	INS309-S-HVO
medium	INS309-M-N	INS309-M-HVO
large	INS309-L-N	INS309-L-HVO
x-large	INS309-XL-N	INS309-XL-HVO
2x-large	INS309-2XL-N	INS309-2XL-HVO
3x-large	INS309-3XL-N	INS309-3XL-HVO

INS309 INSULATED STRETCH PARKA

The hood is easily stowed inside the collar while the pockets are deep and wide for easy access with gloves. Vented back and a front storm flap for comfort and protection. Rivets reinforce stress points and will not corrode. Hi-vis orange or navy.

SIZE	PART NO. PARKA NAVY	PART NO. PARKA HI-VIS ORANGE
small	INS405-S-N	INS405-S-HVO
medium	INS405-M-N	INS405-M-HVO
large	INS405-L-N	INS405-L-HVO
x-large	INS405-XL-N	INS405-XL-HVO
2x-large	INS405-2XL-N	INS405-2XL-HVO
3x-large	INS405-3XL-N	INS405-3XL-HVO

INS405 CH BIB PANT

H-style suspenders provide easy adjustment without dangling elastic. The quick release buckles let you remove the pants without removing the jacket. Waterproof properties extend up the inside leg, while double fabric on the knees helps to resist wear. Convenient two-way front zipper is covered by a double storm flap to keep out the cold weather. Hi-vis orange or navy.

Lined Vest & Fleece Jacket

AV301 LINED VEST

•PU coated polyester microfibre •280g polar fleece liner •Front zipper with stormflap •Silver reflective piping across chest and upper back •Zipper front pockets •Inside zipper pocket •Full lining zipper for full embroidery access •Elastic waist •Elastic casing around armhole for better fit and wind resistance

SIZE	PART NO. NAVY	PART NO. RED
x-small	AV301-XS-NVY	AV301-XS-RED
small	AV301-S-NVY	AV301-S-RED
medium	AV301-M-NVY	AV301-M-RED
large	AV301-L-NVY	AV301-L-RED
x-large	AV301-XL-NVY	AV301-XL-RED
2x-large	AV301-2XL-NVY	AV301-2XL-RED
3x-large	AV301-3XL-NVY	AV301-3XL-RED

AJ221 FLEECE JACKET

•Polyester fleece 320g/m2 •2 slash zipper pockets and one zipper chest pocket •Lycra wrist cuffs and waist •Silver reflective piping around collar

SIZE	PART NO. NAVY	PART NO. TAN
x-small	AJ221-XS-NVY	AJ221-XS-TAN
small	AJ221-S-NVY	AJ221-S-TAN
medium	AJ221-M-NVY	AJ221-M-TAN
large	AJ221-L-NVY	AJ221-L-TAN
x-large	AJ221-XL-NVY	AJ221-XL-TAN
2x-large	AJ221-2XL-NVY	AJ221-2XL-TAN
3x-large	AJ221-3XL-NVY	AJ221-3XL-TAN

HH® HELLY HANSEN

Poly-Pro™ Heavyweight Bodywear (Base Layer)

Helly Hansen's Poly-Pro Heavyweight bodywear will keep you warm and dry even on the most miserable days. This bodywear works on the principle that wet skin becomes cold skin, leading to chilling and even hypothermia. Poly-Pro won't trap moisture next to the skin — body heat pushes sweat through the fabric, away from your skin to the next layer of clothing. Poly-Pro is machine washable, HANG TO DRY.

SIZE	PART NO. CREWNECK	PART NO. PANT	PART NO. ONE PIECE SUIT
small	Q892-S	Q895-S	Q700-S
medium	Q892-M	Q895-M	Q700-M
large	Q892-L	Q895-L	Q700-L
x-large	Q892-XL	Q895-XL	Q700-XL
2x-large	Q892-2XL	Q895-2XL	Q700-2XL
3x-large	Q892-3XL	Q895-3XL	Q700-3XL
medium tall	Q892-M-T	Q895-M-T	Q700-M-T
large tall	Q892-L-T	Q895-L-T	Q700-L-T
x-large tall	Q892-XL-T	Q895-XL-T	Q700-XL-T
2x-large tall	Q892-2XL-T	Q895-2XL-T	Q700-2XL-T
3x-large tall	Q892-3XL-T	Q895-3XL-T	Q700-3XL-T

Q892 CREWNECK

This pullover is designed for comfort and warmth. Fits like a second skin for freedom of movement. Navy.

Q895 PANT

Pants feature an elastic waist and fly front. Comfortable non-binding, form-fitting style. Navy.

Q700 ONE PIECE SUIT

Comfort and warmth protection. 8 button front with rear button flap for convenience. Navy.

Q890 BALACLAVA

Long fitted neck with flat seam design.
Part No. Q890.

Q891 TOQUE

Double-layer Poly-Pro for head thermal protection.
Part No. Q891.

Q222 GLOVE LINER

May be used inside work glove for added protection. Rib cuff.
Part No. Q222.

Q888 NECK GAITER

Double layer Poly-Pro for neck thermal protection.
Part No. Q888.

Sizing information on page M68

HELLY HANSEN

Softpile™ 2000 Bodywear (Thermal Layer)

Softpile™ fabric has multiple curled fibers. These trap air and collect body warmth which is retained in the pile. Pile provides superior thermal insulation. 100% polyester single side pile.

SIZE	PART NO. JACKET	PART NO. HOODED JACKET	PART NO. PANT	PART NO. ONE PIECE SUIT
small	F4592-S	F4942-S	F6012-S	F4562-S
medium	F4592-M	F4942-M	F6012-M	F4562-M
large	F4592-L	F4942-L	F6012-L	F4562-L
x-large	F4592-XL	F4942-XL	F6012-XL	F4562-XL
2x-large	F4592-2XL	F4942-2XL	F6012-2XL	F4562-2XL
3x-large	F4592-3XL	F4942-3XL	F6012-3XL	F4562-3XL

F4942 HOODED JACKET
Full zipper hooded jacket with drawcord, two large roomy outer pockets, breast outer pocket with zipper, lycra cuffs and waistband. Navy.

F4562 ONE PIECE SUIT
Two way front zipper. Rear zipper flap. Nylon knit cuffs and flatlock seams. Can be worn as heavyweight underwear or as a middle insulating layer. Navy.

F4592 ORIGINAL JACKET
Front zip with nylon knit cuffs and waistband. Flatlock seams. Can be worn as heavy-weight underwear or as a middle insulating layer. Navy.

F6012 ORIGINAL PANT
Elastic waistband and knitted cuffs. Can be worn as heavyweight underwear or as a middle insulating layer. Navy.

F550 WINDPROOF COWL
Windproof beaver nylon outer shell with collar, thermal pile lined; replaces the need for a scarf. One size.
Part No. F550.

F6452 COWL
Softpile hood with knit around face. Collar can be tucked under any jacket. One size.
Part No. F6452.

F450 POLY-PRO WOOL BOOT SOCK
70% polypropylene/17% wool/13% nylon blend. Great for any work or outdoor activity.
Part No. F450-S, small
Part No. F450-M, medium
Part No. F450-L, large
Part No. F450-XL, x-large

F4542 POLAR SOCKS
These calf length socks make excellent liners for boots. Well suited to campers, skiers, or hunters.
Part No. F4542-5, size 5.
Part No. F4542-6, size 6.
Part No. F4542-7, size 7.
Part No. F4542-8, size 8.
Part No. F4542-9, size 9.
Part No. F4542-10, size 10.
Part No. F4542-11, size 11.
Part No. F4542-12, size 12.
Part No. F4542-13, size 13.

Flame Retardant Bodywear (Base Layer)

Comfort matters most next to the skin. It's known that wet skin can become cold skin. Bodywear FR features a 48.5% wool/ 48.5% viscose/ 3% inox blend that wicks moisture away from the skin, keeping the body comfortable, warm, and safe. Bodywear FR is knit with a special interlocking construction to provide optimum stretch and comfort.

SIZE	PART NO. CREWNECK	PART NO. PANT
small	FR892-S	FR895-S
medium	FR892-M	FR895-M
large	FR892-L	FR895-L
x-large	FR892-XL	FR895-XL
2x-large	FR892-2XL	FR895-2XL
3x-large	FR892-3XL	FR895-3XL

FR892 CREWNECK, FLAME RETARDANT
This pullover is designed for comfort and warmth. Fits like a second skin for freedom of movement. Denim.

FR895 PANT, FLAME RETARDANT
Feature an elastic waist and fly front. Comfortable non-binding form-fitting style. Denim.

Flame Retardant Softpile™ Bodywear (Thermal Layer)

Warm, safe thermal wear for the toughest conditions. Made from fibres that are superwash treated and made flame retardant through a special process. Softpile FR holds a layer of insulating air close to the body while continuing to expel its moisture. Helly Hansen's patented FibreLock knitting process firmly anchors pile yarn creating a durable, non-shedding pile with excellent flexibility and less pilling. Softpile™ made of 80% wool/ 20% FR polyester. Antistatic treated.

SIZE	PART NO. JACKET	PART NO. HOODED JACKET	PART NO. HOODED PULLOVER	PART NO. PANT
small	FR334-S	FR494-S	FR264-S	FR555-S
medium	FR334-M	FR494-M	FR264-M	FR555-M
large	FR334-L	FR494-L	FR264-L	FR555-L
x-large	FR334-XL	FR494-XL	FR264-XL	FR555-XL
2x-large	FR334-2XL	FR494-2XL	FR264-2XL	FR555-2XL
3x-large	FR334-3XL	FR494-3XL	FR264-3XL	FR555-3XL

FR334 JACKET, FLAME RETARDANT
•High collar design •Front Nomex™/brass zipper bound with Nomex™ •FR inner stormflap •FR bound zipper and collar edge •FR Nomex™ cuffs •Elastic hem waist •Flatlock seams •Charcoal

FR494 HOODED JACKET, FLAME RETARDANT
•Front Nomex™/brass zipper bound with Nomex™ •FR inner stormflap •FR Nomex™ cuffs •Drawcord hood •Two side seam pockets •Elastic hem waist
•Charcoal

FR555 PANT, FLAME RETARDANT
Has an elastic waistband and FR Nomex™ cuffs. Flatlock seams. Charcoal.

FR264 HOODED PULLOVER, FLAME RETARDANT
•Drawcord hood •Two side seam pockets •FR Nomex™ cuffs
•Elastic hem waist •Charcoal

FR222 COWL, FLAME RETARDANT
Gives excellent protection in the workplace, can be tucked under any protective jacket. One size, grey. Part No. FR222.

Sizing information on page M68

CARHARTT® CLOTHING

Duck Traditional Coat – Arctic Quilt Lined

•12 ounce, firm hand. 100% ring-spun cotton duck •Nylon lining quilted to arctic-weight polyester insulation •Corduroy top collar with snaps under collar for optional hood •Two inside pockets •Triple stitched main seams, split back with bi-swing, pleated elbow, rib-knit storm cuff in sleeve

SIZE	PART NO. CARHARTT BROWN	PART NO. BLACK
38 regular	C03BRN-38	—
40 regular	C03BRN-40	C03BLK-40
42 regular	C03BRN-42	C03BLK-42
44 regular	C03BRN-44	C03BLK-44
46 regular	C03BRN-46	C03BLK-46
48 regular	C03BRN-48	C03BLK-48
50 regular	C03BRN-50	C03BLK-50
52 regular	C03BRN-52	C03BLK-52
54 regular	C03BRN-54	C03BLK-54
56 regular	C03BRN-56	C03BLK-56
58 regular	C03BRN-58	C03BLK-58
60 regular	C03BRN-60	C03BLK-60
40 tall	C03BRN-TL-40	—
42 tall	C03BRN-TL-42	C03BLK-TL-42
44 tall	C03BRN-TL-44	C03BLK-TL-44
46 tall	C03BRN-TL-46	C03BLK-TL-46
48 tall	C03BRN-TL-48	C03BLK-TL-48
50 tall	C03BRN-TL-50	C03BLK-TL-50
52 tall	C03BRN-TL-52	C03BLK-TL-52
54 tall	C03BRN-TL-54	C03BLK-TL-54

Duck Chore Coat – Blanket Lined

•12 ounce, firm hand. 100% ring-spun cotton duck •Nylon lining quilted to polyester insulation in sleeves, blanket lining in body •Corduroy top collar with snaps under collar for optional hood •Inside patch pocket •Triple stitched main seams, with metal rivets, split back with bi-swing.

SIZE	PART NO. CARHARTT BROWN	PART NO. BLACK
38 regular	C01BRN-38	C01BLK-38
40 regular	C01BRN-40	C01BLK-40
42 regular	C01BRN-42	C01BLK-42
44 regular	C01BRN-44	C01BLK-44
46 regular	C01BRN-46	C01BLK-46
48 regular	C01BRN-48	C01BLK-48
50 regular	C01BRN-50	C01BLK-50
40 tall	C01BRN-TL-40	C01BLK-TL-40
42 tall	C01BRN-TL-42	C01BLK-TL-42
44 tall	C01BRN-TL-44	C01BLK-TL-44
46 tall	C01BRN-TL-46	C01BLK-TL-46
48 tall	C01BRN-TL-48	C01BLK-TL-48
50 tall	C01BRN-TL-50	—

Sandstone Chore Coat – Blanket Lined

•12 ounce, 100% cotton sandstone duck •Nylon lining quilted to polyester insulation in sleeves, blanket lining in body •Corduroy top collar with snaps under collar for optional hood •Inside patch pocket •Triple stitched main seams, with metal rivets, split back with bi-swing.

SIZE	PART NO. CARHARTT BROWN	PART NO. DARK BROWN
small	C02BRN-S	C02DKB-S
medium	C02BRN-M	C02DKB-M
large	C02BRN-L	C02DKB-L
x-large	C02BRN-XL	C02DKB-XL
2x-large	C02BRN-2XL	C02DKB-2XL
3x-large	C02BRN-3XL	C02DKB-3XL
4x-large	C02BRN-4XL	C02DKB-4XL
tall/large	C02BRN-TL-L	C02DKB-TL-L
tall/x-large	C02BRN-TL-XL	C02DKB-TL-XL
tall/2x-large	C02BRN-TL-2XL	C02DKB-TL-2XL
tall/3x-large	C02BRN-TL-3XL	C02DKB-TL-3XL
tall/4x-large	C02BRN-TL-4XL	C02DKB-TL-4XL

Carhartt

Duck Jean Jacket - Blanket Lined

•12 ounce, firm hand, 100% ring-spun cotton duck •Blanket lining in body, quilted nylon lining in sleeves •Triple-stitched main seams •Corduroy top collar •Inside welt pocket

SIZE	PART NO. CARHARTT BROWN
small	J148BRN-S
medium	J148BRN-M
large	J148BRN-L
x-large	J148BRN-XL
2x-large	J148BRN-2XL
3x-large	J148BRN-3XL
4x-large	J148BRN-4XL
tall/large	J148BRN-TL-L
tall/x-large	J148BRN-TL-XL
tall/2x-large	J148BRN-TL-2XL

Sandstone Traditional Coat - Arctic Quilt Lined

•12 ounce, 100% cotton sandstone duck •Nylon lining quilted to arctic-weight polyester insulation •Corduroy top collar with snaps under collar for optional hood •Two-way brass zipper front and wind flap with hook and loop closure •Two inside pockets •Triple stitched main seams, split back with bi-swing, pleated elbow, rib knit storm cuff in sleeve

SIZE	PART NO. CARHARTT BROWN	PART NO. MOSS	PART NO. DARK BROWN	PART NO. BLACK
small	C26BRN-S	C26MOS-S	C26DKB-S	C26BLK-S
medium	C26BRN-M	C26MOS-M	C26DKB-M	C26BLK-M
large	C26BRN-L	C26MOS-L	C26DKB-L	C26BLK-L
x-large	C26BRN-XL	C26MOS-XL	C26DKB-XL	C26BLK-XL
2x-large	C26BRN-2XL	C26MOS-2XL	C26DKB-2XL	C26BLK-2XL
3x-large	C26BRN-3XL	C26MOS-3XL	C26DKB-3XL	C26BLK-3XL
4x-large	C26BRN-4XL	C26MOS-4XL	C26DKB-4XL	C26BLK-4XL
5x-large	C26BRN-5XL	C26MOS-5XL	C26DKB-5XL	C26BLK-5XL
tall/medium	C26BRN-TL-M	C26MOS-TL-M	C26DKB-TL-M	C26BLK-TL-M
tall/large	C26BRN-TL-L	C26MOS-TL-L	C26DKB-TL-L	C26BLK-TL-L
tall/x-large	C26BRN-TL-XL	C26MOS-TL-XL	C26DKB-TL-XL	C26BLK-TL-XL
tall/2x-large	C26BRN-TL-2XL	C26MOS-TL-2XL	C26DKB-TL-2XL	C26BLK-TL-2XL
tall/3x-large	C26BRN-TL-3XL	C26MOS-TL-3XL	C26DKB-TL-3XL	C26BLK-TL-3XL
tall/4x-large	C26BRN-TL-4XL	C26MOS-TL-4XL	C26DKB-TL-4XL	C26BLK-TL-4XL

Sandstone Detroit Jacket - Blanket Lined

•12 ounce, 100% cotton sandstone duck •Blanket lining in body, quilted nylon lining in sleeves •Triple-stitched main seams, bi-swing back, snap adjustable waist and cuff •Inside welt pocket

SIZE	PART NO. CARHARTT BROWN	PART NO. CAMEL	PART NO. PETROL
small	J97BRN-S	J97CML-S	J97PTL-S
medium	J97BRN-M	J97CML-M	J97PTL-M
large	J97BRN-L	J97CML-L	J97PTL-L
x-large	J97BRN-XL	J97CML-XL	J97PTL-XL
2x-large	J97BRN-2XL	J97CML-2XL	J97PTL-2XL
3x-large	J97BRN-3XL	J97CML-3XL	J97PTL-3XL
4x-large	J97BRN-4XL	J97CML-4XL	J97PTL-4XL
5x-large	J97BRN-5XL	J97CML-5XL	J97PTL-5XL
tall/large	J97BRN-TL-L	J97CML-TL-L	J97PTL-TL-L
tall/x-large	J97BRN-TL-XL	J97CML-TL-XL	J97PTL-TL-XL
tall/2x-large	J97BRN-TL-2XL	J97CML-TL-2XL	J97PTL-TL-2XL
tall/3x-large	J97BRN-TL-3XL	J97CML-TL-3XL	J97PTL-TL-3XL
tall/4x-large	J97BRN-TL-4XL	J97CML-TL-4XL	J97PTL-TL-4XL

CARHARTT® CLOTHING

Sandstone Active Jac - Quilt-Flannel Lined

•12 ounce, 100% cotton sandstone duck •Quilted flannel lining in body, quilted nylon lining in sleeves •Attached three piece hood •Two inside pockets

SIZE	PART NO. CARHARTT BROWN	PART NO. DARK BROWN
small	J130BRN-S	J130DKB-S
medium	J130BRN-M	J130DKB-M
large	J130BRN-L	J130DKB-L
x-large	J130BRN-XL	J130DKB-XL
2x-large	J130BRN-2XL	J130DKB-2XL
3x-large	J130BRN-3XL	J130DKB-3XL
4x-large	J130BRN-4XL	J130DKB-4XL
5x-large	J130BRN-5XL	—
tall/medium	J130BRN-TL-M	—
tall/large	J130BRN-TL-L	J130DKB-TL-L
tall/x-large	J130BRN-TL-XL	J130DKB-TL-XL
tall/2x-large	J130BRN-TL-2XL	J130DKB-TL-2XL
tall/3x-large	J130BRN-TL-3XL	—
tall/4x-large	J130BRN-TL-4XL	—

Sandstone Sierra Jacket - Sherpa Lined

•12 ounce, 100% cotton sandstone duck •Sherpa lining in body, quilted nylon lining in sleeves •Attached hood •Two inside pockets •Rib-knit storm cuffs •Triple-stitched main seams, bi-swing back, pleated elbow

SIZE	PART NO. CARHARTT BROWN	PART NO. DARK BROWN	PART NO. BLACK
small	J141BRN-S	J141DKB-S	J141BLK-S
medium	J141BRN-M	J141DKB-M	J141BLK-M
large	J141BRN-L	J141DKB-L	J141BLK-L
x-large	J141BRN-XL	J141DKB-XL	J141BLK-XL
2x-large	J141BRN-2XL	J141DKB-2XL	J141BLK-2XL
3x-large	J141BRN-3XL	J141DKB-3XL	J141BLK-3XL
4x-large	J141BRN-4XL	J141DKB-4XL	J141BLK-4XL
tall/large	J141BRN-TL-L	J141DKB-TL-L	J141BLK-TL-L
tall/x-large	J141BRN-TL-XL	J141DKB-TL-XL	J141BLK-TL-XL
tall/2x-large	J141BRN-TL-2XL	J141DKB-TL-2XL	J141BLK-TL-2XL
tall/3x-large	J141BRN-TL-3XL	J141DKB-TL-3XL	J141BLK-TL-3XL
tall/4x-large	J141BRN-TL-4XL	J141DKB-TL-4XL	J141BLK-TL-4XL

Quilt Lined Hoods

DUCK ARCTIC QUILT LINED HOOD

12 ounce, firm hand, 100% ring spun cotton duck •Nylon lining quilted to arctic weight polyester insulation •Knit headband •Hook and loop chin strap closure •One size fits all.

Part No. A02BRN, Carhartt brown.
Part No. A02BLK, Black.

SANDSTONE ARCTIC QUILT LINED HOOD

12 ounce, 100% cotton sandstone duck •Nylon lining quilted to arctic weight polyester insulation •Knit headband •Hook and loop chin strap closure •One size fits all.

Part No. A148BRN, Carhartt brown.
Part No. A148DKB, Dark brown.
Part No. A148BLK, Black.
Part No. A148MOS, Moss.

Sizing information on page M68

Duck Vest – Arctic Quilt Lined

12 ounce, firm hand, 100% ring spun cotton duck •Nylon lining quilted to arctic weight polyester insulation •Zipper front with inside wind flap •Inside patch pocket with hook and loop closure

SIZE	PART NO. CARHARTT BROWN	PART NO. BLACK
medium	V01BRN-M	V01BLK-M
large	V01BRN-L	V01BLK-L
x-large	V01BRN-XL	V01BLK-XL
2x-large	V01BRN-2XL	V01BLK-2XL
3x-large	V01BRN-3XL	V01BLK-3XL
tall/large	V01BRN-TL-L	—
tall/x-large	V01BRN-TL-XL	—

Sandstone Vest – Arctic Quilt Lined

12 ounce, 100% cotton sandstone duck •Nylon lining quilted to arctic weight polyester insulation •Zipper front with inside wind flap •Inside patch pocket with hook and loop closure

SIZE	PART NO. CARHARTT BROWN	PART NO. DARK BROWN
small	V02BRN-S	V02DKB-S
medium	V02BRN-M	V02DKB-M
large	V02BRN-L	V02DKB-L
x-large	V02BRN-XL	V02DKB-XL
2x-large	V02BRN-2XL	V02DKB-2XL
3x-large	V02BRN-3XL	V02DKB-3XL
4x-large	V02BRN-4XL	V02DKB-4XL
tall/large	V02BRN-TL-L	V02DKB-TL-L
tall/x-large	V02BRN-TL-XL	V02DKB-TL-XL
tall/2x-large	V02BRN-TL-2XL	V02DKB-TL-2XL

Carhartt

PVC Rainwear

•50 mm, polyester backed PVC •Electronically welded seams, major seams are also sewn for greater durability •Available in Green, Yellow and Orange.

JACKET with DETACHABLE HOOD

•Interior neoprene cuffs with adjustable hook and loop closure •Double front storm flaps with inside and outside snap closure •Reinforced elbows •Three piece contoured, detachable hood with adjustable closure and drawcord •One chest pocket and two hand pockets with hook and loop closure

RAIN BIB OVERALL

•Permanently attached adjustable suspenders with snap closure •Inside zipper pocket in bib area •Reinforced seat and chap style front •Adjustable inseam length with cut-off seam •Inside pockets for knee pads with hook and loop closure •Snap adjustable waist and leg openings

SIZE	PART NO. JACKET GREEN	PART NO. JACKET YELLOW	PART NO. JACKET ORANGE	PART NO. BIB OVERALL GREEN	PART NO. BIB OVERALL YELLOW	PART NO. BIB OVERALL ORANGE
small	C64GRN-S	C64YLW-S	C64ORG-S	R39GRN-S	R39YLW-S	R39ORG-S
medium	C64GRN-M	C64YLW-M	C64ORG-M	R39GRN-M	R39YLW-M	R39ORG-M
large	C64GRN-L	C64YLW-L	C64ORG-L	R39GRN-L	R39YLW-L	R39ORG-L
x-large	C64GRN-XL	C64YLW-XL	C64ORG-XL	R39GRN-XL	R39YLW-XL	R39ORG-XL
2x-large	C64GRN-2XL	C64YLW-2XL	C64ORG-2XL	R39GRN-2XL	R39YLW-2XL	R39ORG-2XL
3x-large	C64GRN-3XL	C64YLW-3XL	C64ORG-3XL	R39GRN-3XL	R39YLW-3XL	R39ORG-3XL
4x-large	C64GRN-4XL	C64YLW-4XL	C64ORG-4XL	R39GRN-4XL	R39YLW-4XL	R39ORG-4XL
tall/medium	C64GRN-TL-M	C64YLW-TL-M	C64ORG-TL-M	-	-	-
tall/large	C64GRN-TL-L	C64YLW-TL-L	C64ORG-TL-L	-	-	-
tall/x-large	C64GRN-TL-XL	C64YLW-TL-XL	C64ORG-TL-XL	-	-	-
tall/2x-large	C64GRN-TL-2XL	C64YLW-TL-2XL	C64ORG-TL-2XL	-	-	-
tall/3x-large	C64GRN-TL-3XL	C64YLW-TL-3XL	C64ORG-TL-3XL	-	-	-

CARHARTT® CLOTHING

Duck Arctic Bib Overall & Coverall – Quilt Lined

BIB OVERALL FEATURES:

•Zipper fly •Leg zippers open to knee with protective wind flap •Triple-stitched main seams, metal rivets at vital stress points, double knees with cleanout bottom that can accommodate knee pads

12 ounce, firm hand, 100% ring spun cotton duck •100% nylon quilted to polyester arctic weight lining •Multiple tool and utility pockets and Hammer loop

BIB OVERALL COLOUR: CARHARTT BROWN

WAIST SIZE	PART NO. 28 INSEAM	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM
32	R03BRN-32/28	R03BRN-32/30	R03BRN-32/32	R03BRN-32/34
34	R03BRN-34/28	R03BRN-34/30	R03BRN-34/32	R03BRN-34/34
36	R03BRN-36/28	R03BRN-36/30	R03BRN-36/32	R03BRN-36/34
38	R03BRN-38/28	R03BRN-38/30	R03BRN-38/32	R03BRN-38/34
40	R03BRN-40/28	R03BRN-40/30	R03BRN-40/32	R03BRN-40/34
42	R03BRN-42/28	R03BRN-42/30	R03BRN-42/32	R03BRN-42/34
44	R03BRN-44/28	R03BRN-44/30	R03BRN-44/32	R03BRN-44/34
46	R03BRN-46/28	R03BRN-46/30	R03BRN-46/32	R03BRN-46/34
48	R03BRN-48/28	R03BRN-48/30	R03BRN-48/32	R03BRN-48/34
50	R03BRN-50/28	R03BRN-50/30	R03BRN-50/32	—

BIB OVERALL COLOUR: BLACK

WAIST SIZE	PART NO. 28 INSEAM	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM
32	R03BLK-32/28	R03BLK-32/30	R03BLK-32/32	R03BLK-32/34
34	R03BLK-34/28	R03BLK-34/30	R03BLK-34/32	R03BLK-34/34
36	R03BLK-36/28	R03BLK-36/30	R03BLK-36/32	R03BLK-36/34
38	R03BLK-38/28	R03BLK-38/30	R03BLK-38/32	R03BLK-38/34
40	R03BLK-40/28	R03BLK-40/30	R03BLK-40/32	R03BLK-40/34
42	R03BLK-42/28	R03BLK-42/30	R03BLK-42/32	R03BLK-42/34
44	R03BLK-44/28	R03BLK-44/30	R03BLK-44/32	R03BLK-44/34
46	R03BLK-46/28	R03BLK-46/30	R03BLK-46/32	R03BLK-46/34
48	R03BLK-48/28	R03BLK-48/30	R03BLK-48/32	R03BLK-48/34
50	R03BLK-50/28	R03BLK-50/30	R03BLK-50/32	—

Duck Zip-To-Waist Biberall – Quilt Lined

12 ounce, firm hand, 100% ring spun cotton duck •100% nylon quilted to polyester midweight lining •Right and left legs have hammer loop and ruler pockets •Zipper front with wind flap and snap closure at top of bib and waistband •Leg zippers open to hip with protective wind flap and snap closure •Triple-stitched main seams, double knees with cleanout bottom that can accommodate knee pads

COLOUR: CARHARTT BROWN

WAIST SIZE	PART NO. 28 INSEAM	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM
32	R38BRN-32/28	R38BRN-32/30	R38BRN-32/32	R38BRN-32/34
34	R38BRN-34/28	R38BRN-34/30	R38BRN-34/32	R38BRN-34/34
36	R38BRN-36/28	R38BRN-36/30	R38BRN-36/32	R38BRN-36/34
38	R38BRN-38/28	R38BRN-38/30	R38BRN-38/32	R38BRN-38/34
40	R38BRN-40/28	R38BRN-40/30	R38BRN-40/32	R38BRN-40/34
42	R38BRN-42/28	R38BRN-42/30	R38BRN-42/32	R38BRN-42/34
44	R38BRN-44/28	R38BRN-44/30	R38BRN-44/32	R38BRN-44/34
46	R38BRN-46/28	R38BRN-46/30	R38BRN-46/32	R38BRN-46/34
48	R38BRN-48/28	R38BRN-48/30	R38BRN-48/32	R38BRN-48/34
50	R38BRN-50/28	R38BRN-50/30	R38BRN-50/32	—

COLOUR: BLACK

WAIST SIZE	PART NO. 28 INSEAM	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM
32	R38BLK-32/28	R38BLK-32/30	R38BLK-32/32	R38BLK-32/34
34	R38BLK-34/28	R38BLK-34/30	R38BLK-34/32	R38BLK-34/34
36	R38BLK-36/28	R38BLK-36/30	R38BLK-36/32	R38BLK-36/34
38	R38BLK-38/28	R38BLK-38/30	R38BLK-38/32	R38BLK-38/34
40	R38BLK-40/28	R38BLK-40/30	R38BLK-40/32	R38BLK-40/34
42	R38BLK-42/28	R38BLK-42/30	R38BLK-42/32	R38BLK-42/34
44	R38BLK-44/28	R38BLK-44/30	R38BLK-44/32	R38BLK-44/34
46	R38BLK-46/28	R38BLK-46/30	R38BLK-46/32	R38BLK-46/34
48	R38BLK-48/28	R38BLK-48/30	R38BLK-48/32	R38BLK-48/34
50	R38BLK-50/28	R38BLK-50/30	R38BLK-50/32	—

Carhartt

Sizing information on page M68

Sandstone Bib Overall - Quilt Lined

COLOUR: BLACK

WAIST SIZE	PART NO. 28 INSEAM	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM
32	R27BLK-32/28	R27BLK-32/30	R27BLK-32/32	R27BLK-32/34
34	R27BLK-34/28	R27BLK-34/30	R27BLK-34/32	R27BLK-34/34
36	R27BLK-36/28	R27BLK-36/30	R27BLK-36/32	R27BLK-36/34
38	R27BLK-38/28	R27BLK-38/30	R27BLK-38/32	R27BLK-38/34
40	R27BLK-40/28	R27BLK-40/30	R27BLK-40/32	R27BLK-40/34
42	R27BLK-42/28	R27BLK-42/30	R27BLK-42/32	R27BLK-42/34
44	R27BLK-44/28	R27BLK-44/30	R27BLK-44/32	R27BLK-44/34
46	R27BLK-46/28	R27BLK-46/30	R27BLK-46/32	R27BLK-46/34
48	R27BLK-48/28	R27BLK-48/30	R27BLK-48/32	R27BLK-48/34
50	R27BLK-50/28	R27BLK-50/30	R27BLK-50/32	—

COLOUR: DARK BROWN

WAIST SIZE	PART NO. 28 INSEAM	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM
32	R27DKB-32/28	R27DKB-32/30	R27DKB-32/32	R27DKB-32/34
34	R27DKB-34/28	R27DKB-34/30	R27DKB-34/32	R27DKB-34/34
36	R27DKB-36/28	R27DKB-36/30	R27DKB-36/32	R27DKB-36/34
38	R27DKB-38/28	R27DKB-38/30	R27DKB-38/32	R27DKB-38/34
40	R27DKB-40/28	R27DKB-40/30	R27DKB-40/32	R27DKB-40/34
42	R27DKB-42/28	R27DKB-42/30	R27DKB-42/32	R27DKB-42/34
44	R27DKB-44/28	R27DKB-44/30	R27DKB-44/32	R27DKB-44/34
46	R27DKB-46/28	R27DKB-46/30	R27DKB-46/32	R27DKB-46/34
48	R27DKB-48/28	R27DKB-48/30	R27DKB-48/32	R27DKB-48/34
50	R27DKB-50/28	R27DKB-50/30	R27DKB-50/32	—

12 ounce, 100% cotton sandstone duck •100% nylon quilted to polyester midweight lining •Multiple tool and utility pockets •Hammer loop •Double knees with cleanout bottom that can accommodate knee pads •Back has brush loop and reinforced pockets •Leg zippers open to knee with protective wind flap

Duck Zip-To-Thigh Bib Overall - Unlined

COLOUR: CARHARTT BROWN

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
30	R37BRN-30/30	R37BRN-30/32	R37BRN-30/34	R37BRN-30/36
32	R37BRN-32/30	R37BRN-32/32	R37BRN-32/34	R37BRN-32/36
34	R37BRN-34/30	R37BRN-34/32	R37BRN-34/34	R37BRN-34/36
36	R37BRN-36/30	R37BRN-36/32	R37BRN-36/34	R37BRN-36/36
38	R37BRN-38/30	R37BRN-38/32	R37BRN-38/34	R37BRN-38/36
40	R37BRN-40/30	R37BRN-40/32	R37BRN-40/34	—
42	R37BRN-42/30	R37BRN-42/32	R37BRN-42/34	—
44	R37BRN-44/30	R37BRN-44/32	R37BRN-44/34	—
46	R37BRN-46/30	R37BRN-46/32	—	—
48	R37BRN-48/30	R37BRN-48/32	—	—
50	R37BRN-50/30	R37BRN-50/32	—	—

12 ounce, firm hand, 100% ring spun cotton duck •Right and left legs have hammer loop and ruler pockets •Chap style double front with cleanout bottom that can accommodate knee pads •Zip-to-thigh leg zippers for easy on/off •Reinforced back pockets

COLOUR: BLACK

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
30	R37BLK-30/30	R37BLK-30/32	R37BLK-30/34	R37BLK-30/36
32	R37BLK-32/30	R37BLK-32/32	R37BLK-32/34	R37BLK-32/36
34	R37BLK-34/30	R37BLK-34/32	R37BLK-34/34	R37BLK-34/36
36	R37BLK-36/30	R37BLK-36/32	R37BLK-36/34	R37BLK-36/36
38	R37BLK-38/30	R37BLK-38/32	R37BLK-38/34	R37BLK-38/36
40	R37BLK-40/30	R37BLK-40/32	R37BLK-40/34	—
42	R37BLK-42/30	R37BLK-42/32	R37BLK-42/34	—
44	R37BLK-44/30	R37BLK-44/32	R37BLK-44/34	—
46	R37BLK-46/30	R37BLK-46/32	—	—
48	R37BLK-48/30	R37BLK-48/32	—	—
50	R37BLK-50/30	R37BLK-50/32	—	—

Sizing information on page M68

CARHARTT® CLOTHING

Duck Bib Overall - Unlined

12 ounce, firm hand, 100% ring spun cotton duck •Multiple tool and utility pockets •Hammer loop •Double knees with cleanout bottom that can accommodate knee pads •Two reinforced back pockets

COLOUR: CARHARTT BROWN

WAIST SIZE	PART NO. 28 INSEAM	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM
28	—	—	R01BRN-28/32	—
30	R01BRN-30/28	R01BRN-30/30	R01BRN-30/32	R01BRN-30/34
32	R01BRN-32/28	R01BRN-32/30	R01BRN-32/32	R01BRN-32/34
34	R01BRN-34/28	R01BRN-34/30	R01BRN-34/32	R01BRN-34/34
36	R01BRN-36/28	R01BRN-36/30	R01BRN-36/32	R01BRN-36/34
38	R01BRN-38/28	R01BRN-38/30	R01BRN-38/32	R01BRN-38/34
40	R01BRN-40/28	R01BRN-40/30	R01BRN-40/32	R01BRN-40/34
42	R01BRN-42/28	R01BRN-42/30	R01BRN-42/32	R01BRN-42/34
44	R01BRN-44/28	R01BRN-44/30	R01BRN-44/32	R01BRN-44/34
46	R01BRN-46/28	R01BRN-46/30	R01BRN-46/32	R01BRN-46/34
48	R01BRN-48/28	R01BRN-48/30	R01BRN-48/32	R01BRN-48/34
50	—	R01BRN-50/30	R01BRN-50/32	R01BRN-50/34
52	—	R01BRN-52/30	R01BRN-52/32	R01BRN-52/34
54	—	R01BRN-54/30	R01BRN-54/32	R01BRN-54/34
56	—	—	R01BRN-56/32	—
58	—	—	R01BRN-58/32	—
60	—	—	R01BRN-60/32	—

COLOUR: BLACK

WAIST SIZE	PART NO. 28 INSEAM	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
28	—	—	R01BLK-28/32	—	—
30	R01BLK-30/28	R01BLK-30/30	R01BLK-30/32	R01BLK-30/34	—
32	R01BLK-32/28	R01BLK-32/30	R01BLK-32/32	R01BLK-32/34	—
34	R01BLK-34/28	R01BLK-34/30	R01BLK-34/32	R01BLK-34/34	—
36	R01BLK-36/28	R01BLK-36/30	R01BLK-36/32	R01BLK-36/34	R01BLK-36/36
38	R01BLK-38/28	R01BLK-38/30	R01BLK-38/32	R01BLK-38/34	—
40	R01BLK-40/28	R01BLK-40/30	R01BLK-40/32	R01BLK-40/34	—
42	R01BLK-42/28	R01BLK-42/30	R01BLK-42/32	R01BLK-42/34	—
44	R01BLK-44/28	R01BLK-44/30	R01BLK-44/32	R01BLK-44/34	—
46	R01BLK-46/28	R01BLK-46/30	R01BLK-46/32	R01BLK-46/34	—
48	R01BLK-48/28	R01BLK-48/30	R01BLK-48/32	R01BLK-48/34	—
50	—	R01BLK-50/30	R01BLK-50/32	—	—
52	—	R01BLK-52/30	R01BLK-52/32	—	—
54	—	R01BLK-54/30	R01BLK-54/32	—	—

Sandstone Bib Overall - Unlined

12 ounce, 100% cotton sandstone duck •Multiple tool and utility pockets •Hammer loop •Double knees with cleanout bottom that can accommodate knee pads •Back has brush loop and reinforced pockets

COLOUR: CARHARTT BROWN

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM
30	R06BRN-30/30	R06BRN-30/32	R06BRN-30/34
32	R06BRN-32/30	R06BRN-32/32	R06BRN-32/34
34	R06BRN-34/30	R06BRN-34/32	R06BRN-34/34
36	R06BRN-36/30	R06BRN-36/32	R06BRN-36/34
38	R06BRN-38/30	R06BRN-38/32	R06BRN-38/34
40	R06BRN-40/30	R06BRN-40/32	R06BRN-40/34
42	R06BRN-42/30	R06BRN-42/32	R06BRN-42/34
44	R06BRN-44/30	R06BRN-44/32	R06BRN-44/34
46	R06BRN-46/30	R06BRN-46/32	—
48	R06BRN-48/30	R06BRN-48/32	—
50	R06BRN-50/30	R06BRN-50/32	—

Duck Arctic Bib Coverall - Quilt Lined

12 ounce, firm hand, 100% ring spun cotton duck •100% nylon quilted to polyester arctic weight lining •Multiple tool and utility pockets and Hammer loop

•Corduroy top collar with snaps under collar for optional hood •Two way leg zippers open to waist with protective wind flaps and snap closure •Triple-stitched main seams, split back with bi-swing, rib-knit storm cuff in sleeves, pleated elbow, double knees with cleanout bottom, pencil slots on left sleeve

BIB COVERALL COLOUR: CARHARTT BROWN

SIZE	PART NO. SHORT Fits: 5 ft. 3" - 5 ft. 7"	PART NO. REGULAR Fits: 5 ft. 7" - 5 ft. 11"	PART NO. TALL Fits: 5 ft. 11" - 6 ft. 3"
40	—	X02BRNREG-40	—
42	X02BRNSHT-42	X02BRNREG-42	X02BRN-TL-42
44	X02BRNSHT-44	X02BRNREG-44	X02BRN-TL-44
46	X02BRNSHT-46	X02BRNREG-46	X02BRN-TL-46
48	X02BRNSHT-48	X02BRNREG-48	X02BRN-TL-48
50	X02BRNSHT-50	X02BRNREG-50	X02BRN-TL-50

Washed Duck Work Dungaree

Dungaree Fit

12 ounce, 100% ring spun cotton duck •Sits at the natural waist •Full seat and thigh •Multiple tool and utility pockets •Hammer loop •Two reinforced back pockets •19" leg opening fits over work boot

COLOUR: BLACK

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
28	—	B11BLK-28/32	—	—
29	—	B11BLK-29/32	—	—
30	B11BLK-30/30	B11BLK-30/32	B11BLK-30/34	—
31	B11BLK-31/30	B11BLK-31/32	B11BLK-31/34	—
32	B11BLK-32/30	B11BLK-32/32	B11BLK-32/34	B11BLK-32/36
33	B11BLK-33/30	B11BLK-33/32	B11BLK-33/34	B11BLK-33/36
34	B11BLK-34/30	B11BLK-34/32	B11BLK-34/34	B11BLK-34/36
35	B11BLK-35/30	B11BLK-35/32	B11BLK-35/34	—
36	B11BLK-36/30	B11BLK-36/32	B11BLK-36/34	B11BLK-36/36
38	B11BLK-38/30	B11BLK-38/32	B11BLK-38/34	B11BLK-38/36
40	B11BLK-40/30	B11BLK-40/32	B11BLK-40/34	B11BLK-40/36
42	B11BLK-42/30	B11BLK-42/32	B11BLK-42/34	—
44	B11BLK-44/30	B11BLK-44/32	B11BLK-44/34	—
46	B11BLK-46/30	B11BLK-46/32	B11BLK-46/34	—
48	B11BLK-48/30	B11BLK-48/32	—	—
50	B11BLK-50/30	B11BLK-50/32	—	—

COLOUR: CARHARTT BROWN

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
28	B11BRN-28/30	B11BRN-28/32	—	—
29	B11BRN-29/30	B11BRN-29/32	—	—
30	B11BRN-30/30	B11BRN-30/32	B11BRN-30/34	—
31	B11BRN-31/30	B11BRN-31/32	B11BRN-31/34	—
32	B11BRN-32/30	B11BRN-32/32	B11BRN-32/34	B11BRN-32/36
33	B11BRN-33/30	B11BRN-33/32	B11BRN-33/34	B11BRN-33/36
34	B11BRN-34/30	B11BRN-34/32	B11BRN-34/34	B11BRN-34/36
35	B11BRN-35/30	B11BRN-35/32	B11BRN-35/34	—
36	B11BRN-36/30	B11BRN-36/32	B11BRN-36/34	B11BRN-36/36
38	B11BRN-38/30	B11BRN-38/32	B11BRN-38/34	B11BRN-38/36
40	B11BRN-40/30	B11BRN-40/32	B11BRN-40/34	B11BRN-40/36
42	B11BRN-42/30	B11BRN-42/32	B11BRN-42/34	B11BRN-42/36
44	B11BRN-44/30	B11BRN-44/32	B11BRN-44/34	B11BRN-44/36
46	B11BRN-46/30	B11BRN-46/32	B11BRN-46/34	—
48	B11BRN-48/30	B11BRN-48/32	—	—
50	B11BRN-50/30	B11BRN-50/32	—	—
52	B11BRN-52/30	B11BRN-52/32	—	—
54	B11BRN-54/30	B11BRN-54/32	—	—

COLOUR: DESERT

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
28	B11DES-28/30	B11DES-28/32	—	—
29	B11DES-29/30	B11DES-29/32	—	—
30	B11DES-30/30	B11DES-30/32	B11DES-30/34	—
31	B11DES-31/30	B11DES-31/32	B11DES-31/34	—
32	B11DES-32/30	B11DES-32/32	B11DES-32/34	B11DES-32/36
33	B11DES-33/30	B11DES-33/32	B11DES-33/34	B11DES-33/36
34	B11DES-34/30	B11DES-34/32	B11DES-34/34	B11DES-34/36
35	B11DES-35/30	B11DES-35/32	B11DES-35/34	—
36	B11DES-36/30	B11DES-36/32	B11DES-36/34	B11DES-36/36
38	B11DES-38/30	B11DES-38/32	B11DES-38/34	B11DES-38/36
40	B11DES-40/30	B11DES-40/32	B11DES-40/34	B11DES-40/36
42	B11DES-42/30	B11DES-42/32	B11DES-42/34	B11DES-42/36
44	B11DES-44/30	B11DES-44/32	B11DES-44/34	B11DES-44/36
46	B11DES-46/30	B11DES-46/32	B11DES-46/34	—
48	B11DES-48/30	B11DES-48/32	—	—
50	B11DES-50/30	B11DES-50/32	—	—
52	B11DES-52/30	B11DES-52/32	—	—
54	B11DES-54/30	B11DES-54/32	—	—

COLOUR: MIDNIGHT BLUE

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
28	—	B11MDT-28/32	—	—
29	—	B11MDT-29/32	—	—
30	B11MDT-30/30	B11MDT-30/32	B11MDT-30/34	—
31	B11MDT-31/30	B11MDT-31/32	B11MDT-31/34	—
32	B11MDT-32/30	B11MDT-32/32	B11MDT-32/34	B11MDT-32/36
33	B11MDT-33/30	B11MDT-33/32	B11MDT-33/34	B11MDT-33/36
34	B11MDT-34/30	B11MDT-34/32	B11MDT-34/34	B11MDT-34/36
35	B11MDT-35/30	B11MDT-35/32	B11MDT-35/34	—
36	B11MDT-36/30	B11MDT-36/32	B11MDT-36/34	B11MDT-36/36
38	B11MDT-38/30	B11MDT-38/32	B11MDT-38/34	B11MDT-38/36
40	B11MDT-40/30	B11MDT-40/32	B11MDT-40/34	B11MDT-40/36
42	B11MDT-42/30	B11MDT-42/32	B11MDT-42/34	—
44	B11MDT-44/30	B11MDT-44/32	B11MDT-44/34	—
46	B11MDT-46/30	B11MDT-46/32	B11MDT-46/34	—
48	B11MDT-48/30	B11MDT-48/32	—	—
50	B11MDT-50/30	B11MDT-50/32	—	—

Washed Duck Double Front Work Dungaree

12 ounce, 100% ring spun cotton duck •Sits at the natural waist •Full seat and thigh •Multiple tool and utility pockets •Hammer loop •Chap style double front with cleanout bottom that can accommodate knee pads •19" leg opening fits over work boot

COLOUR: CARHARTT BROWN

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
28	B136BRN-28/30	B136BRN-28/32	B136BRN-28/34	—
29	B136BRN-29/30	B136BRN-29/32	B136BRN-29/34	—
30	B136BRN-30/30	B136BRN-30/32	B136BRN-30/34	B136BRN-30/36
31	B136BRN-31/30	B136BRN-31/32	B136BRN-31/34	B136BRN-31/36
32	B136BRN-32/30	B136BRN-32/32	B136BRN-32/34	B136BRN-32/36
33	B136BRN-33/30	B136BRN-33/32	B136BRN-33/34	B136BRN-33/36
34	B136BRN-34/30	B136BRN-34/32	B136BRN-34/34	B136BRN-34/36
35	B136BRN-35/30	B136BRN-35/32	B136BRN-35/34	—
36	B136BRN-36/30	B136BRN-36/32	B136BRN-36/34	B136BRN-36/36
38	B136BRN-38/30	B136BRN-38/32	B136BRN-38/34	B136BRN-38/36
40	B136BRN-40/30	B136BRN-40/32	B136BRN-40/34	B136BRN-40/36
42	B136BRN-42/30	B136BRN-42/32	B136BRN-42/34	—
44	B136BRN-44/30	B136BRN-44/32	B136BRN-44/34	—
46	B136BRN-46/30	B136BRN-46/32	B136BRN-46/34	—
48	B136BRN-48/30	B136BRN-48/32	—	—
50	B136BRN-50/30	B136BRN-50/32	—	—

COLOUR: DARK BROWN

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
28	B136DKB-28/30	B136DKB-28/32	B136DKB-28/34	—
29	B136DKB-29/30	B136DKB-29/32	B136DKB-29/34	—
30	B136DKB-30/30	B136DKB-30/32	B136DKB-30/34	B136DKB-30/36
31	B136DKB-31/30	B136DKB-31/32	B136DKB-31/34	B136DKB-31/36
32	B136DKB-32/30	B136DKB-32/32	B136DKB-32/34	B136DKB-32/36
33	B136DKB-33/30	B136DKB-33/32	B136DKB-33/34	B136DKB-33/36
34	B136DKB-34/30	B136DKB-34/32	B136DKB-34/34	B136DKB-34/36
35	B136DKB-35/30	B136DKB-35/32	B136DKB-35/34	—
36	B136DKB-36/30	B136DKB-36/32	B136DKB-36/34	B136DKB-36/36
38	B136DKB-38/30	B136DKB-38/32	B136DKB-38/34	B136DKB-38/36
40	B136DKB-40/30	B136DKB-40/32	B136DKB-40/34	B136DKB-40/36
42	B136DKB-42/30	B136DKB-42/32	B136DKB-42/34	—
44	B136DKB-44/30	B136DKB-44/32	B136DKB-44/34	—
46	B136DKB-46/30	B136DKB-46/32	B136DKB-46/34	—
48	B136DKB-48/30	B136DKB-48/32	—	—
50	B136DKB-50/30	B136DKB-50/32	—	—

COLOUR: BLACK

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
28	B136BLK-28/30	B136BLK-28/32	B136BLK-28/34	—
29	B136BLK-29/30	B136BLK-29/32	B136BLK-29/34	—
30	B136BLK-30/30	B136BLK-30/32	B136BLK-30/34	B136BLK-30/36
31	B136BLK-31/30	B136BLK-31/32	B136BLK-31/34	B136BLK-31/36
32	B136BLK-32/30	B136BLK-32/32	B136BLK-32/34	B136BLK-32/36
33	B136BLK-33/30	B136BLK-33/32	B136BLK-33/34	B136BLK-33/36
34	B136BLK-34/30	B136BLK-34/32	B136BLK-34/34	B136BLK-34/36
35	B136BLK-35/30	B136BLK-35/32	B136BLK-35/34	—
36	B136BLK-36/30	B136BLK-36/32	B136BLK-36/34	B136BLK-36/36
38	B136BLK-38/30	B136BLK-38/32	B136BLK-38/34	B136BLK-38/36
40	B136BLK-40/30	B136BLK-40/32	B136BLK-40/34	B136BLK-40/36
42	B136BLK-42/30	B136BLK-42/32	B136BLK-42/34	—
44	B136BLK-44/30	B136BLK-44/32	B136BLK-44/34	—
46	B136BLK-46/30	B136BLK-46/32	B136BLK-46/34	—
48	B136BLK-48/30	B136BLK-48/32	—	—
50	B136BLK-50/30	B136BLK-50/32	—	—

Double Front Work Dungaree

12 ounce, firm hand, 100% ring spun cotton duck •Sits at the natural waist •Full seat and thigh •Multiple tool and utility pockets •Hammer loop •Two reinforced back pockets •Chap style double front with cleanout bottom that can accommodate knee pads •19" leg opening fits over work boot

COLOUR: BLACK

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM
32	—	B01BLK-32/32	—
34	B01BLK-34/30	B01BLK-34/32	B01BLK-34/34
36	B01BLK-36/30	B01BLK-36/32	B01BLK-36/34
38	B01BLK-38/30	B01BLK-38/32	B01BLK-38/34

COLOUR: CARHARTT BROWN

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM
32	B01BRN-32/30	B01BRN-32/32	—
34	B01BRN-34/30	B01BRN-34/32	B01BRN-34/34
36	B01BRN-36/30	B01BRN-36/32	B01BRN-36/34
38	B01BRN-38/30	B01BRN-38/32	B01BRN-38/34
40	B01BRN-40/30	B01BRN-40/32	—

Carhartt

Sizing information on page M68

Relaxed Fit Jean Straight Leg

15 ounce, 100% cotton denim •Sits at the natural waist •Relaxed seat and thigh •Two reinforced back pockets •17½" leg opening fits over work boot

COLOUR: DARKSTONE

WAIST SIZE	PART NO. 28 INSEAM	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
28	B160DST-28/28	B160DST-28/30	B160DST-28/32	—	—
29	B160DST-29/28	B160DST-29/30	B160DST-29/32	—	—
30	B160DST-30/28	B160DST-30/30	B160DST-30/32	B160DST-30/34	B160DST-30/36
31	B160DST-31/28	B160DST-31/30	B160DST-31/32	B160DST-31/34	—
32	B160DST-32/28	B160DST-32/30	B160DST-32/32	B160DST-32/34	B160DST-32/36
33	B160DST-33/28	B160DST-33/30	B160DST-33/32	B160DST-33/34	B160DST-33/36
34	B160DST-34/28	B160DST-34/30	B160DST-34/32	B160DST-34/34	B160DST-34/36
35	—	B160DST-35/30	B160DST-35/32	B160DST-35/34	—
36	B160DST-36/28	B160DST-36/30	B160DST-36/32	B160DST-36/34	B160DST-36/36
38	B160DST-38/28	B160DST-38/30	B160DST-38/32	B160DST-38/34	B160DST-38/36
40	B160DST-40/28	B160DST-40/30	B160DST-40/32	B160DST-40/34	B160DST-40/36
42	B160DST-42/28	B160DST-42/30	B160DST-42/32	B160DST-42/34	B160DST-42/36
44	B160DST-44/28	B160DST-44/30	B160DST-44/32	B160DST-44/34	B160DST-44/36
46	B160DST-46/28	B160DST-46/30	B160DST-46/32	—	—
48	B160DST-48/28	B160DST-48/30	B160DST-48/32	—	—
50	—	B160DST-50/30	B160DST-50/32	—	—
52	—	B160DST-52/30	B160DST-52/32	—	—
54	—	B160DST-54/30	B160DST-54/32	—	—

COLOUR: BLACK

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
28	B161BLK-28/30	B161BLK-28/32	—	—
29	B161BLK-29/30	B161BLK-29/32	—	—
30	B161BLK-30/30	B161BLK-30/32	B161BLK-30/34	—
31	B161BLK-31/30	B161BLK-31/32	B161BLK-31/34	—
32	B161BLK-32/30	B161BLK-32/32	B161BLK-32/34	B161BLK-32/36
33	B161BLK-33/30	B161BLK-33/32	B161BLK-33/34	B161BLK-33/36
34	B161BLK-34/30	B161BLK-34/32	B161BLK-34/34	B161BLK-34/36
35	B161BLK-35/30	B161BLK-35/32	B161BLK-35/34	—
36	B161BLK-36/30	B161BLK-36/32	B161BLK-36/34	B161BLK-36/36
38	B161BLK-38/30	B161BLK-38/32	B161BLK-38/34	B161BLK-38/36
40	B161BLK-40/30	B161BLK-40/32	B161BLK-40/34	B161BLK-40/36
42	B161BLK-42/30	B161BLK-42/32	B161BLK-42/34	—
44	B161BLK-44/30	B161BLK-44/32	—	—
46	B161BLK-46/30	B161BLK-46/32	—	—

Relaxed Fit Jean Straight Leg – Fleece Lined

15 ounce, 100% cotton denim •100% polyester black fleece lining •Sits at the natural waist •Relaxed seat and thigh •Two reinforced back pockets •17½" leg opening fits over work boot

COLOUR: DARKSTONE

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
28	B155DST-28/30	B155DST-28/32	—	—
29	B155DST-29/30	B155DST-29/32	—	—
30	B155DST-30/30	B155DST-30/32	B155DST-30/34	—
31	B155DST-31/30	B155DST-31/32	B155DST-31/34	—
32	B155DST-32/30	B155DST-32/32	B155DST-32/34	B155DST-32/36
33	B155DST-33/30	B155DST-33/32	B155DST-33/34	B155DST-33/36
34	B155DST-34/30	B155DST-34/32	B155DST-34/34	B155DST-34/36
35	B155DST-35/30	B155DST-35/32	B155DST-35/34	—
36	B155DST-36/30	B155DST-36/32	B155DST-36/34	B155DST-36/36
38	B155DST-38/30	B155DST-38/32	B155DST-38/34	B155DST-38/36
40	B155DST-40/30	B155DST-40/32	B155DST-40/34	B155DST-40/36
42	B155DST-42/30	B155DST-42/32	B155DST-42/34	B155DST-42/36
44	B155DST-44/30	B155DST-44/32	B155DST-44/34	—
46	B155DST-46/30	B155DST-46/32	—	—
48	B155DST-48/30	B155DST-48/32	—	—
50	B155DST-50/30	B155DST-50/32	—	—

Sizing information on page M68

CARHARTT® CLOTHING

Midweight Hooded Pullover Sweatshirt

•10.5 ounce, 50% cotton/50% polyester fleece •Attached hood •Front hand-warmer pocket •Embroidered logo on left chest

SIZE	PART NO. BLACK	PART NO. HEATHER GRAY	PART NO. NAVY	PART NO. VINTAGE OLIVE
small	K121BLK-S	K121HGY-S	K121NVY-S	K121VOL-S
medium	K121BLK-M	K121HGY-M	K121NVY-M	K121VOL-M
large	K121BLK-L	K121HGY-L	K121NVY-L	K121VOL-L
x-large	K121BLK-XL	K121HGY-XL	K121NVY-XL	K121VOL-XL
2x-large	K121BLK-2XL	K121HGY-2XL	K121NVY-2XL	K121VOL-2XL
3x-large	K121BLK-3XL	K121HGY-3XL	K121NVY-3XL	K121VOL-3XL
4x-large	K121BLK-4XL	K121HGY-4XL	K121NVY-4XL	K121VOL-4XL
5x-large	K121BLK-5XL	K121HGY-5XL	K121NVY-5XL	K121VOL-5XL
tall/large	K121BLK-TL-L	K121HGY-TL-L	K121NVY-TL-L	K121VOL-TL-L
tall/x-large	K121BLK-TL-XL	K121HGY-TL-XL	K121NVY-TL-XL	K121VOL-TL-XL
tall/2x-large	K121BLK-TL-2XL	K121HGY-TL-2XL	K121NVY-TL-2XL	K121VOL-TL-2XL
tall/3x-large	K121BLK-TL-3XL	K121HGY-TL-3XL	K121NVY-TL-3XL	K121VOL-TL-3XL
tall/4x-large	K121BLK-TL-4XL	K121HGY-TL-4XL	K121NVY-TL-4XL	K121VOL-TL-4XL

Midweight Hooded Zip-Front Sweatshirt

•10.5 ounce, 50% cotton/50% polyester fleece •Attached hood •Front hand-warmer pocket •Embroidered logo on left chest

SIZE	PART NO. BLACK	PART NO. NAVY	PART NO. VINTAGE OLIVE
small	K122BLK-S	K122NVY-S	K122VOL-S
medium	K122BLK-M	K122NVY-M	K122VOL-M
large	K122BLK-L	K122NVY-L	K122VOL-L
x-large	K122BLK-XL	K122NVY-XL	K122VOL-XL
2x-large	K122BLK-2XL	K122NVY-2XL	K122VOL-2XL
3x-large	K122BLK-3XL	K122NVY-3XL	K122VOL-3XL
4x-large	K122BLK-4XL	K122NVY-4XL	K122VOL-4XL
5x-large	K122BLK-5XL	K122NVY-5XL	K122VOL-5XL
tall/large	K122BLK-TL-L	K122NVY-TL-L	K122VOL-TL-L
tall/x-large	K122BLK-TL-XL	K122NVY-TL-XL	K122VOL-TL-XL
tall/2x-large	K122BLK-TL-2XL	K122NVY-TL-2XL	K122VOL-TL-2XL
tall/3x-large	K122BLK-TL-3XL	K122NVY-TL-3XL	K122VOL-TL-3XL
tall/4x-large	K122BLK-TL-4XL	K122NVY-TL-4XL	K122VOL-TL-4XL

Midweight Logo Hooded Pullover Sweatshirt

•10.5 ounce, 50% cotton/50% polyester fleece (navy), 75% cotton/25% polyester fleece (heather grey) •Attached hood with drawcord •Front hand-warmer pocket

SIZE	PART NO. NAVY	PART NO. HEATHER GREY
small	K219NVY-S	K219HGY-S
medium	K219NVY-M	K219HGY-M
large	K219NVY-L	K219HGY-L
x-large	K219NVY-XL	K219HGY-XL
2x-large	K219NVY-2XL	K219HGY-2XL

Canvas Shirt Jac / Flannel Lined

•9 ounce, 100% cotton canvas •4.5 ounce, 100% cotton flannel lining •Garment washed for soft finish •Seven snap front placket •Two chest patch pockets with rivet reinforcements •Triple stitched main seams

SIZE	PART NO. CARHARTT BROWN	PART NO. MOSS
small	S96BRN-S	S96MOS-S
medium	S96BRN-M	S96MOS-M
large	S96BRN-L	S96MOS-L
x-large	S96BRN-XL	S96MOS-XL
2x-large	S96BRN-2XL	S96MOS-2XL
3x-large	S96BRN-3XL	S96MOS-3XL
4x-large	S96BRN-4XL	S96MOS-4XL
tall/large	S96BRN-TL-L	S96MOS-TL-L
tall/x-large	S96BRN-TL-XL	S96MOS-TL-XL
tall/2x-large	S96BRN-TL-2XL	S96MOS-TL-2XL
tall/3x-large	S96BRN-TL-3XL	S96MOS-TL-3XL

Midweight Flannel Work Shirt

•5.5 ounce, 100% ring-spun cotton flannel •Button-down collar has separate band with button closure •Two chest pockets with button closure •Two-button adjustable cuff with extended placket with button closure •Back yoke centered box pleat

SIZE	PART NO. NAVY	PART NO. RED	PART NO. VINTAGE OLIVE
small	S137NVY-S	S137RED-S	—
medium	S137NVY-M	S137RED-M	S137VOL-M
large	—	S137RED-L	S137VOL-L
x-large	S137NVY-XL	S137RED-XL	S137VOL-XL
2x-large	S137NVY-2XL	S137RED-2XL	S137VOL-2XL
3x-large	S137NVY-3XL	S137RED-3XL	S137VOL-3XL
4x-large	—	S137RED-4XL	—
tall/large	S137NVY-TL-L	S137RED-TL-L	S137VOL-TL-L
tall/x-large	S137NVY-TL-XL	S137RED-TL-XL	S137VOL-TL-XL
tall/2x-large	S137NVY-TL-2XL	S137RED-TL-2XL	S137VOL-TL-2XL
tall/3x-large	S137NVY-TL-3XL	S137RED-TL-3XL	S137VOL-TL-3XL

VINTAGE OLIVE

Sandstone Twill Shirt

•8 ounce, 100% ring spun cotton sandstone twill •Micro sanded and garment washed for soft finish •Two chest pockets with flaps and button closures •Two button adjustable cuff with extended placket with button closure •Triple stitched main seams •Back yoke with centered box pleat

SIZE	PART NO. MIDNIGHT	PART NO. MOSS	PART NO. WHEAT
small	S09MDT-S	S09MOS-S	S09WET-S
medium	S09MDT-M	S09MOS-M	S09WET-M
large	S09MDT-L	S09MOS-L	S09WET-L
x-large	S09MDT-XL	S09MOS-XL	S09WET-XL
2x-large	S09MDT-2XL	S09MOS-2XL	S09WET-2XL
3x-large	S09MDT-3XL	S09MOS-3XL	S09WET-3XL
4x-large	S09MDT-4XL	S09MOS-4XL	S09WET-4XL
tall/large	S09MDT-TL-L	S09MOS-TL-L	S09WET-TL-L
tall/x-large	S09MDT-TL-XL	S09MOS-TL-XL	S09WET-TL-XL
tall/2x-large	S09MDT-TL-2XL	S09MOS-TL-2XL	S09WET-TL-2XL
tall/3x-large	S09MDT-TL-3XL	S09MOS-TL-3XL	S09WET-TL-3XL

Washed Denim Work Shirt

SIZE	PART NO. DARKSTONE
small	S97DST-S
medium	S97DST-M
large	S97DST-L
x-large	S97DST-XL
2x-large	S97DST-2XL
3x-large	S97DST-3XL
4x-large	S97DST-4XL
tall/large	S97DST-TL-L
tall/x-large	S97DST-TL-XL
tall/2x-large	S97DST-TL-2XL
tall/3x-large	S97DST-TL-3XL

8 ounce, 100% ring spun cotton denim •Garment washed for soft finish •Front placket with metal buttons •Two chest spade shaped patch pockets •Triple stitched main seams •Back yoke with centered box pleat

Carhartt

CARHARTT® CLOTHING

Textured Knit Long Sleeve Crewneck

•8 ounce, 100% cotton textured knit •Garment washed for soft finish •Rib knit collar and cuffs •Side seamed construction to minimize twisting •Square bottom with side vents •Rolled forward shoulder for a more comfortable fit •Woven label on left hem

SIZE	PART NO. BLACK	PART NO. NAVY	PART NO. OLIVE
small	K192BLK-S	K192NVY-S	K192OLV-S
medium	K192BLK-M	K192NVY-M	K192OLV-M
large	K192BLK-L	K192NVY-L	K192OLV-L
x-large	K192BLK-XL	K192NVY-XL	K192OLV-XL
2x-large	K192BLK-2XL	K192NVY-2XL	K192OLV-2XL
3x-large	K192BLK-3XL	K192NVY-3XL	K192OLV-3XL
4x-large	K192BLK-4XL	K192NVY-4XL	K192OLV-4XL
tall/large	K192BLK-TL-L	K192NVY-TL-L	K192OLV-TL-L
tall/x-large	K192BLK-TL-XL	K192NVY-TL-XL	K192OLV-TL-XL
tall/2x-large	K192BLK-TL-2XL	K192NVY-TL-2XL	K192OLV-TL-2XL
tall/3x-large	K192BLK-TL-3XL	K192NVY-TL-3XL	K192OLV-TL-3XL

Long Sleeve Logo T-Shirt

•6.75 ounce, 100% cotton jersey knit •Rib knit collar and cuffs •Side-seamed construction to minimize twisting •Logo down left sleeve, small logo centered on back neck

SIZE	PART NO. BLACK	PART NO. SAND	PART NO. CARHARTT BROWN
medium	K190BLK-M	K190SND-M	K190BRN-M
large	K190BLK-L	K190SND-L	K190BRN-L
x-large	K190BLK-XL	K190SND-XL	K190BRN-XL
2x-large	K190BLK-2XL	K190SND-2XL	K190BRN-2XL

Workwear Pocket T-Shirt

•6.75 ounce, 100% cotton •Rib knit crewneck •Side seamed construction to minimize twisting •Left chest pocket with logo label

SIZE	PART NO. BLACK	PART NO. CHARCOAL	PART NO. HEATHER GRAY	PART NO. INDEPENDENCE RED	PART NO. NAVY
small	K87BLK-S	—	K87HGY-S	—	K87NVY-S
medium	K87BLK-M	K87CHR-M	K87HGY-M	K87INR-M	K87NVY-M
large	K87BLK-L	K87CHR-L	K87HGY-L	K87INR-L	K87NVY-L
x-large	K87BLK-XL	K87CHR-XL	K87HGY-XL	K87INR-XL	K87NVY-XL
2x-large	K87BLK-2XL	K87CHR-2XL	K87HGY-2XL	K87INR-2XL	K87NVY-2XL
3x-large	K87BLK-3XL	K87CHR-3XL	K87HGY-3XL	K87INR-3XL	K87NVY-3XL
4x-large	K87BLK-4XL	K87CHR-4XL	K87HGY-4XL	K87INR-4XL	K87NVY-4XL
tall/large	K87BLK-TL-L	—	K87HGY-TL-L	—	K87NVY-TL-L
tall/x-large	K87BLK-TL-XL	—	K87HGY-TL-XL	—	K87NVY-TL-XL
tall/2x-large	K87BLK-TL-2XL	—	K87HGY-TL-2XL	—	K87NVY-TL-2XL
tall/3x-large	K87BLK-TL-3XL	—	K87HGY-TL-3XL	—	K87NVY-TL-3XL

Carhartt

Sizing information on page M68

Flame-Resistant Duck Traditional Coat – Quilt Lined

•13 ounce, FR duck, 100% cotton •10.5 ounce FR quilt lining: FR Modacrylic batting quilted to twill face cloth •Two inside patch pockets with FR hook and loop closure for covenient storage •Nomex® inside waist drawcord for adjustment •Nomex® rib knit storm cuff to seal out cold air •Two way brass front zipper with Nomex® zipper tape has inside and outside protective flap and hidden snap closure for electric arc protection •Snaps under collar for optional FR hood •NFPA 70E compliant

SIZE	PART NO. CARHARTT BROWN	PART NO. DARK NAVY
small	FRC066BRN-S	FRC066DNY-S
medium	FRC066BRN-M	FRC066DNY-M
large	FRC066BRN-L	FRC066DNY-L
x-large	FRC066BRN-XL	FRC066DNY-XL
2x-large	FRC066BRN-2XL	FRC066DNY-2XL
3x-large	FRC066BRN-3XL	FRC066DNY-3XL
4x-large	FRC066BRN-4XL	FRC066DNY-4XL
tall/large	FRC066BRN-TL-L	FRC066DNY-TL-L
tall/x-large	FRC066BRN-TL-XL	FRC066DNY-TL-XL
tall/2x-large	FRC066BRN-TL-2XL	FRC066DNY-TL-2XL
tall/3x-large	FRC066BRN-TL-3XL	FRC066DNY-TL-3XL

FLAME-RESISTANT QUILT LINED DUCK HOOD

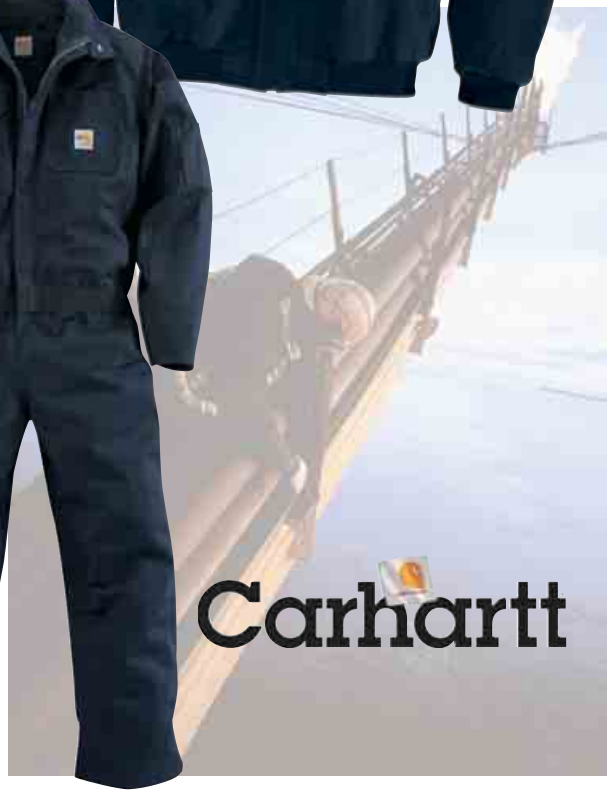
•13 ounce FR duck, 100% cotton •10.5 ounce FR quilt lining: FR Modacrylic batting quilted to twill face cloth •Three piece hood design for better fit •Chin protector with FR hook and loop closure •Nomex® drawcord for adjustment •Arc resistant snaps for attachment to FR outerwear only •NFPA 70E compliant •One size fits all.
Part No. FRA265BRN, Carhartt Bown.
Part No. FRA265DNY, Dark Navy.

Flame-Resistant Duck Active Jac – Quilt Lined

•13 ounce, FR duck, 100% cotton •10.5 ounce FR quilt lining: FR Modacrylic batting quilted to twill face cloth •Two inside patch pockets with FR hook and loop closure for convenient storage •Nomex® rib knit cuff and waistband •Brass front zipper with Nomex® zipper tape has inside and outside protective flap and hidden snap closure for electric arc protection •Attached quilt lined three piece hood with Nomex® drawcord for adjustment •NFPA 70E compliant

SIZE	PART NO. CARHARTT BROWN	PART NO. DARK NAVY
small	FRJ184BRN-S	FRJ184DNY-S
medium	FRJ184BRN-M	FRJ184DNY-M
large	FRJ184BRN-L	FRJ184DNY-L
x-large	FRJ184BRN-XL	FRJ184DNY-XL
2x-large	FRJ184BRN-2XL	FRJ184DNY-2XL
3x-large	FRJ184BRN-3XL	FRJ184DNY-3XL
4x-large	FRJ184BRN-4XL	FRJ184DNY-4XL
tall/large	FRJ184BRN-TL-L	FRJ184DNY-TL-L
tall/x-large	FRJ184BRN-TL-XL	FRJ184DNY-TL-XL
tall/2x-large	FRJ184BRN-TL-2XL	FRJ184DNY-TL-2XL
tall/3x-large	FRJ184BRN-TL-3XL	FRJ184DNY-TL-3XL

Flame-Resistant Midweight Canvas Coverall



8.5 ounce FR canvas: a blend of 88% cotton and 12% high tenacity nylon •Left chest tradesman pocket, right chest pocket, two pass through pockets, left sleeve pen pocket and multiple tool and utility pockets •FR melamine buttons •Snap adjustable cuffs •Mock collar •Two way brass front zipper with Nomex® zipper tape has inside and outside protective flap •Split back with bi-swing •Pleated elbow •23" leg opening fits over work boot •Triple needle stitching •NFPA 70E compliant

COLOUR: DARK NAVY

SIZE	PART NO. SHORT Fits: 5 ft. 3" - 5 ft. 7"	PART NO. REGULAR Fits: 5 ft. 7" - 5 ft. 11"	PART NO. TALL Fits: 5 ft. 11" - 6 ft. 3"
38	FRX007DNY-S38	FRX007DNY-R38	FRX007DNY-T38
40	FRX007DNY-S40	FRX007DNY-R40	FRX007DNY-T40
42	FRX007DNY-S42	FRX007DNY-R42	FRX007DNY-T42
44	FRX007DNY-S44	FRX007DNY-R44	FRX007DNY-T44
46	FRX007DNY-S46	FRX007DNY-R46	FRX007DNY-T46
48	FRX007DNY-S48	FRX007DNY-R48	FRX007DNY-T48
50	FRX007DNY-S50	FRX007DNY-R50	FRX007DNY-T50
52	FRX007DNY-S52	FRX007DNY-R52	FRX007DNY-T52
54	FRX007DNY-S54	FRX007DNY-R54	FRX007DNY-T54

Sizing information on page M68

Flame-Resistant Duck Bib Overall – Quilt Lined

•13 ounce, FR duck, 100% cotton •10 ounce, Moda-Quilt® lining: FR Modacrylic batting quilted to twill face cloth •High back with FR elastic suspenders and high temperature nylon centre release buckles •Chap style double front for durability and increased thermal performance •Multiple tool and utility pockets •Hammer loop •Zip to mid thigh brass leg zippers with Nomex® zipper tape and protective flap and arc-resistant snap closure •FR melamine buttons at waist •Brass fly zipper with Nomex® zipper tape •NFPA 70E compliant

COLOUR: CARHARTT BROWN

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
30	FRR44BRN-30/30	FRR44BRN-30/32	—	—
32	FRR44BRN-32/30	FRR44BRN-32/32	FRR44BRN-32/34	—
34	FRR44BRN-34/30	FRR44BRN-34/32	FRR44BRN-34/34	FRR44BRN-34/36
36	FRR44BRN-36/30	FRR44BRN-36/32	FRR44BRN-36/34	FRR44BRN-36/36
38	FRR44BRN-38/30	FRR44BRN-38/32	FRR44BRN-38/34	FRR44BRN-38/36
40	FRR44BRN-40/30	FRR44BRN-40/32	FRR44BRN-40/34	FRR44BRN-40/36
42	FRR44BRN-42/30	FRR44BRN-42/32	FRR44BRN-42/34	FRR44BRN-42/36
44	FRR44BRN-44/30	FRR44BRN-44/32	FRR44BRN-44/34	FRR44BRN-44/36
46	FRR44BRN-46/30	FRR44BRN-46/32	FRR44BRN-46/34	FRR44BRN-46/36
48	FRR44BRN-48/30	FRR44BRN-48/32	FRR44BRN-48/34	FRR44BRN-48/36
50	FRR44BRN-50/30	FRR44BRN-50/32	FRR44BRN-50/34	FRR44BRN-50/36
52	FRR44BRN-52/30	FRR44BRN-52/32	—	—
54	FRR44BRN-54/30	FRR44BRN-54/32	—	—

COLOUR: DARK NAVY

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
30	FRR44DNY-30/30	FRR44DNY-30/32	—	—
32	FRR44DNY-32/30	FRR44DNY-32/32	FRR44DNY-32/34	—
34	FRR44DNY-34/30	FRR44DNY-34/32	FRR44DNY-34/34	FRR44DNY-34/36
36	FRR44DNY-36/30	FRR44DNY-36/32	FRR44DNY-36/34	FRR44DNY-36/36
38	FRR44DNY-38/30	FRR44DNY-38/32	FRR44DNY-38/34	FRR44DNY-38/36
40	FRR44DNY-40/30	FRR44DNY-40/32	FRR44DNY-40/34	FRR44DNY-40/36
42	FRR44DNY-42/30	FRR44DNY-42/32	FRR44DNY-42/34	FRR44DNY-42/36
44	FRR44DNY-44/30	FRR44DNY-44/32	FRR44DNY-44/34	FRR44DNY-44/36
46	FRR44DNY-46/30	FRR44DNY-46/32	FRR44DNY-46/34	FRR44DNY-46/36
48	FRR44DNY-48/30	FRR44DNY-48/32	FRR44DNY-48/34	FRR44DNY-48/36
50	FRR44DNY-50/30	FRR44DNY-50/32	FRR44DNY-50/34	FRR44DNY-50/36
52	FRR44DNY-52/30	FRR44DNY-52/32	—	—
54	FRR44DNY-54/30	FRR44DNY-54/32	—	—

Flame-Resistant Duck Bib Overall – Unlined

•13 ounce, FR duck, 100% cotton •High back with FR elastic suspenders and high temperature nylon centre release buckles •Chap style double front for durability and increased thermal performance •Multiple tool and utility pockets •Hammer loop •Zip to mid thigh brass leg zippers with Nomex® zipper tape and protective flap and arc-resistant snap closure •FR melamine buttons at waist •Brass fly zipper with Nomex® zipper tape •NFPA 70E compliant

COLOUR: CARHARTT BROWN

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
30	FRR45BRN-30/30	FRR45BRN-30/32	—	—
32	FRR45BRN-32/30	FRR45BRN-32/32	FRR45BRN-32/34	—
34	FRR45BRN-34/30	FRR45BRN-34/32	FRR45BRN-34/34	FRR45BRN-34/36
36	FRR45BRN-36/30	FRR45BRN-36/32	FRR45BRN-36/34	FRR45BRN-36/36
38	FRR45BRN-38/30	FRR45BRN-38/32	FRR45BRN-38/34	FRR45BRN-38/36
40	FRR45BRN-40/30	FRR45BRN-40/32	FRR45BRN-40/34	FRR45BRN-40/36
42	FRR45BRN-42/30	FRR45BRN-42/32	FRR45BRN-42/34	FRR45BRN-42/36
44	FRR45BRN-44/30	FRR45BRN-44/32	FRR45BRN-44/34	FRR45BRN-44/36
46	FRR45BRN-46/30	FRR45BRN-46/32	FRR45BRN-46/34	FRR45BRN-46/36
48	FRR45BRN-48/30	FRR45BRN-48/32	FRR45BRN-48/34	FRR45BRN-48/36
50	FRR45BRN-50/30	FRR45BRN-50/32	FRR45BRN-50/34	FRR45BRN-50/36
52	FRR45BRN-52/30	FRR45BRN-52/32	—	—
54	FRR45BRN-54/30	FRR45BRN-54/32	—	—

COLOUR: DARK NAVY

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
30	FRR45DNY-30/30	FRR45DNY-30/32	—	—
32	FRR45DNY-32/30	FRR45DNY-32/32	FRR45DNY-32/34	—
34	FRR45DNY-34/30	FRR45DNY-34/32	FRR45DNY-34/34	FRR45DNY-34/36
36	FRR45DNY-36/30	FRR45DNY-36/32	FRR45DNY-36/34	FRR45DNY-36/36
38	FRR45DNY-38/30	FRR45DNY-38/32	FRR45DNY-38/34	FRR45DNY-38/36
40	FRR45DNY-40/30	FRR45DNY-40/32	FRR45DNY-40/34	FRR45DNY-40/36
42	FRR45DNY-42/30	FRR45DNY-42/32	FRR45DNY-42/34	FRR45DNY-42/36
44	FRR45DNY-44/30	FRR45DNY-44/32	FRR45DNY-44/34	FRR45DNY-44/36
46	FRR45DNY-46/30	FRR45DNY-46/32	FRR45DNY-46/34	FRR45DNY-46/36
48	FRR45DNY-48/30	FRR45DNY-48/32	FRR45DNY-48/34	FRR45DNY-48/36
50	FRR45DNY-50/30	FRR45DNY-50/32	FRR45DNY-50/34	FRR45DNY-50/36
52	FRR45DNY-52/30	FRR45DNY-52/32	—	—
54	FRR45DNY-54/30	FRR45DNY-54/32	—	—

Flame-Resistant Twill Shirt

•A blend of 88% cotton and 12% high tenacity nylon •FR melamine button front placket •Extended sleeve placket with two button adjustable cuff •Double stitched shoulders, back yoke, armhole and side seams •Shaped shirt tail

SIZE	PART NO. DARK NAVY	PART NO. KHAKI
small	FRS92DNY-S	FRS92KHI-S
medium	FRS92DNY-M	FRS92KHI-M
large	FRS92DNY-L	FRS92KHI-L
x-large	FRS92DNY-XL	FRS92KHI-XL
2x-large	FRS92DNY-2XL	FRS92KHI-2XL
3x-large	FRS92DNY-3XL	FRS92KHI-3XL
4x-large	FRS92DNY-4XL	FRS92KHI-4XL
tall/medium	FRS92DNY-TL-M	FRS92KHI-TL-M
tall/large	FRS92DNY-TL-L	FRS92KHI-TL-L
tall/x-large	FRS92DNY-TL-XL	FRS92KHI-TL-XL
tall/2x-large	FRS92DNY-TL-2XL	FRS92KHI-TL-2XL
tall/3x-large	FRS92DNY-TL-3XL	FRS92KHI-TL-3XL
tall/4x-large	FRS92DNY-TL-4XL	FRS92KHI-TL-4XL

Flame -Resistant Relaxed Fit Denim Jean

•14.75 ounce FR denim: a blend of 88% cotton and 12% high tenacity nylon •Garment washed for a soft hand •Relaxed seat and thigh •Arc resistant high tension snap closure at waist •Brass zipper fly with Nomex® zipper tape •Two reinforced back pockets •17" leg opening fits over work boot •NFPA 70E compliant

COLOUR: DENIM

WAIST SIZE	PART NO. 30 INSEAM	PART NO. 32 INSEAM	PART NO. 34 INSEAM	PART NO. 36 INSEAM
30	FRB160DNM-30/30	FRB160DNM-30/32	FRB160DNM-30/34	FRB160DNM-30/36
31	FRB160DNM-31/30	FRB160DNM-31/32	FRB160DNM-31/34	FRB160DNM-31/36
32	FRB160DNM-32/30	FRB160DNM-32/32	FRB160DNM-32/34	FRB160DNM-32/36
33	FRB160DNM-33/30	FRB160DNM-33/32	FRB160DNM-33/34	FRB160DNM-33/36
34	FRB160DNM-34/30	FRB160DNM-34/32	FRB160DNM-34/34	FRB160DNM-34/36
35	FRB160DNM-35/30	FRB160DNM-35/32	FRB160DNM-35/34	—
36	FRB160DNM-36/30	FRB160DNM-36/32	FRB160DNM-36/34	FRB160DNM-36/36
38	FRB160DNM-38/30	FRB160DNM-38/32	FRB160DNM-38/34	FRB160DNM-38/36
40	FRB160DNM-40/30	FRB160DNM-40/32	FRB160DNM-40/34	FRB160DNM-40/36
42	FRB160DNM-42/30	FRB160DNM-42/32	FRB160DNM-42/34	FRB160DNM-42/36
44	FRB160DNM-44/30	FRB160DNM-44/32	FRB160DNM-44/34	FRB160DNM-44/36
46	FRB160DNM-46/30	FRB160DNM-46/32	FRB160DNM-46/34	FRB160DNM-46/36
48	FRB160DNM-48/30	FRB160DNM-48/32	FRB160DNM-48/34	FRB160DNM-48/36
50	FRB160DNM-50/30	FRB160DNM-50/32	FRB160DNM-50/34	FRB160DNM-50/36
52	FRB160DNM-52/30	FRB160DNM-52/32	—	—
54	FRB160DNM-54/30	FRB160DNM-54/32	—	—

Flame-Resistant Baladava

•6.25 ounce FR knit, 88% cotton and 12% high tenacity nylon •Extra long neck skirt for added protection •NFPA 70E compliant •One size fits all.
Part No. FRA232DNY, Dark Navy.

Knit Beanie with Ear Flaps

•100% acrylic knit •100% polyester fleece lining •Carhartt knit-in logo on front •Ear flaps for extra protection •One size fits all
Part No. A206GRY, Medium Heather Gray.
Part No. A206NVY, Navy.
Part No. A206RED, Dark Red.
Part No. A206YEL, Camel.

Striped Knit Hat

•100% acrylic •Fine gauge jersey knit •Two colour stripe with logo embroidered on front •One size fits all
Part No. A165DGR, Dark green.
Part No. A165BLK, Black.
Part No. A165DKB, Dark brown.

Fleece 2-N-1 Headwear

•Hat: 100% polyester •Pull-down face mask: 90% polyester/10% spandex •Fleece hat with pull-down face mask for warmth •Logo label on front •One size fits all
Part No. A202GRY, Gray.

Sizing information on page M68

Acrylic Watch Hat

•100% acrylic jersey knit •Logo label on front
•One size fits all
Part No. A18BLK, Black.
Part No. A18BLM, Bright lime.
Part No. A18BOG, Bright orange.
Part No. A18BRN, Carhartt brown.
Part No. A18DGR, Dark green.
Part No. A18DKB, Dark brown.
Part No. A18HGY, Heather gray.
Part No. A18NVY, Navy.

Fleece Beanie

•100% polyester fleece for warmth •Logo label on front
•One size fits all
Part No. A207BRN, Dark Brown.
Part No. A207BLK, Black.
Part No. A207GRN, Moss.

NEW!!

Patch Label WorkFlex™ Cap

•97% cotton canvas/3% spandex •Low-profile light structured cap •Workflex™ styling •Pre-curved visor with colour sandwich •Patch woven label on front •"Hard at work since 1889" embroidered on back
Part No. A190BRN-M/L, Carhartt brown, medium/large.
Part No. A190BRN-L/XL, Carhartt brown, large/x-large.
Part No. A190STN-M/L, Stone, medium/large.
Part No. A190STN-L/XL, Stone, large/x-large.
Part No. A190LDN-M/L, Loden, medium/large.
Part No. A190LDN-L/XL, Loden, large/x-large.
Part No. A190MDT-M/L, Midnight, medium/large.
Part No. A190MDT-L/XL, Midnight, large/x-large.

Contrast Top Stitched Cap

•100% cotton twill •Low profile light structured cap •Adjustable fit with hook and loop closure •Pre curved visor with contrast undervisor and colour sandwich •"Carhartt Est. 1889" embroidered on front •Pieced fabric stripes on visor •Carhartt "C" embroidered on back closure •One side fits all
Part No. A187BLK, Black.
Part No. A187INR, Independence red.
Part No. A187YLW, Yellow.

Heritage Cap

•100% cotton canvas •Medium-profile light structured cap •Adjustable fit with brass buckle closure •Pre-curved visor •"Carhartt" vintage script logo in chain-stitch embroidery with "since 1889" embroidered on front •"The most famous name in work clothes" embroidered on back •One size fits all.
Part No. A178BRN, Carhartt brown.
Part No. A178VOL, Vintage olive.
Part No. A178BLK, Black.
Part No. A178DKB, Dark brown.
Part No. A178SND, Sand.

Low-Profile Twill Cap

•100% washed cotton twill •Low-profile unstructured cap •Adjustable fit with hook-and-loop closure •Pre-curved visor with contrast wrap undervisor •"Carhartt" and "C" embrodered on felt applique with "1889" embroidered on front • "Carhartt" embroidered on felt applique on back closure •One size fits all.
Part No. A181BTO, Burnt orange.
Part No. A181INR, Independence red.
Part No. A181NVY, Navy.
Part No. A181DMS, Dark moss.
Part No. A181DKB, Dark brown.

WorkFlex™ Branded Cap/ with Teflon® Finish

•97% cotton twill/3% spandex •Teflon® water resistant finish •Medium profile unstructured cap •WorkFlex™ styling •"Carhartt" with patch embroidered on front

Part No. A179BLK-M/L, Black, medium/large.
Part No. A179BLK-L/XL, Black, large/x-large.

Part No. A179INR-M/L, Independence red, medium/large.
Part No. A179INR-L/XL, Independence red, large/x-large.

Part No. A179NVY-M/L, Navy, medium/large.
Part No. A179NVY-L/XL, Navy, large/x-large.

Part No. A179TNS-M/L, Tanstone, medium/large.
Part No. A179TNS-L/XL, Tanstone, large/x-large.

Double Embroidery Cap

•100% washed cotton twill •Low profile unstructured cap •Adjustable fit with hook and loop closure •Pre curved visor with contrast undervisor •Two rows of embroidery across top of visor •"Carhartt Est. 1889" embroidered on front •Woven label on center back •One size fits all

Part No. A176BRN, Beige w/Carhartt brown embroidery.
Part No. A176LDN, Beige w/loden embroidery.

Offset Logo Cap

•Washed cotton twill •Low profile unstructured cap •Adjustable fit with metal buckle •Flat stitch embroidery on front and back •One size fits all.
Part No. A139MOS, Moss.
Part No. A139VRD, Vintage red.

Signature Heavy Brushed Cap

•Heavy brushed cotton •Medium profile structured cap •Adjustable fit with metal tri-glide buckle •3D logo embroidery on front
•One size fits all.
Part No. A127DKB, Dark brown.
Part No. A127OLV, Olive.
Part No. A127SND, Sand.

All Season Cotton Blend Work Sock

White: 77% combed, ring spun cotton/20% stretch nylon/3% Lycra® spandex Gray: 71% combed, ring spun cotton/20% stretch nylon/ 6% polyester/3% Lycra® spandex

White
Part No. A62WHT-M , 2 pair, medium.
Part No. A62WHT-L, 2 pair, large.
Part No. A62WHT-XL, 2 pair, x-large.

Gray
Part No. A62GRY-M, 2 pair, medium.
Part No. A62GRY-L, 2 pair, large.
Part No. A62GRY-XL, 2 pair, x-large.

All Season Steel Toe Cotton Blend Work Sock

66% combed, ring spun cotton/17% acrylic/15% stretch nylon/2% Lycra® spandex •Cushioned toe with flat seam for steel toed boots •Reinforced heel and toe areas

White w/brown toe & heel
Part No. A263WBN-M, 2 pair, medium.
Part No. A263WBN-L, 2 pair, large.
Part No. A263WBN-XL, 2 pair, x-large.

White w/ gray toe & heel
Part No. A263WGY-M, 2 pair, medium.
Part No. A263WGY-L, 2 pair, large.
Part No. A263WGY-XL, 2 pair, x-large.

Cold Weather Boot Sock

62% hi bulk acrylic/20% stretch nylon/17% worsted wool/1% Lycra® spandex •Full cushioned foot and lower leg •Flat toe seam with reinforced heel and toe areas

Gray w/brown toe & heel w/brown/black cuff
Part No. A66GRY-M, Medium.
Part No. A66GRY-L, Large.
Part No. A66GRY-XL, X-large.

Gray w/navy toe, heel & cuff
Part No. A66NVY-M, Medium.
Part No. A66NVY-L, Large.
Part No. A66NVY-XL, X-large.

Jean Belt

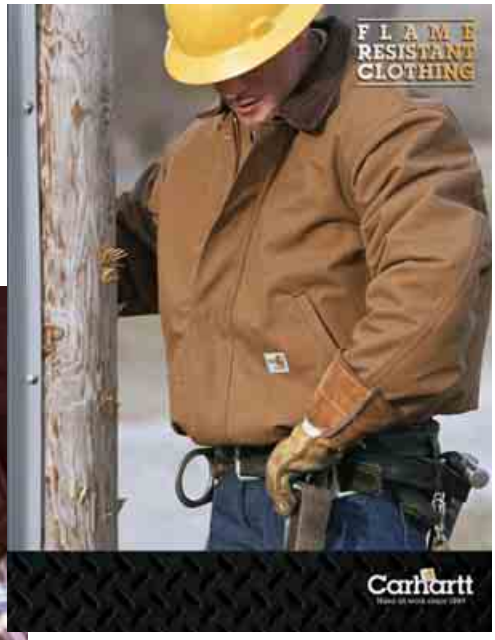
•Top grain milled bridle leather •Saddle stitching around belt strap •Dull nickel harness buckle on black, brass finish on brown •Width: 1⅜".

PART NO. BLACK	BELT SIZE	PART NO. BROWN
A89BLK-32	32	A89BRN-32
A89BLK-34	34	A89BRN-34
A89BLK-36	36	A89BRN-36
A89BLK-38	38	A89BRN-38
A89BLK-40	40	A89BRN-40
A89BLK-42	42	A89BRN-42
A89BLK-44	44	A89BRN-44
A89BLK-46	46	A89BRN-46
A89BLK-48	48	A89BRN-48
A89BLK-50	50	A89BRN-50
A89BLK-52	52	A89BRN-52
A89BLK-54	54	A89BRN-54

Journeymen Belt

•Top grain oil tanned leather •Logo heat stamped on loop •Dull nickel buckle on black, brass finish on brown •Width: 1⅜".

PART NO. BLACK	BELT SIZE	PART NO. BROWN
A91BLK-32	32	A91BRN-32
A91BLK-34	34	A91BRN-34
A91BLK-36	36	A91BRN-36
A91BLK-38	38	A91BRN-38
A91BLK-40	40	A91BRN-40
A91BLK-42	42	A91BRN-42
A91BLK-44	44	A91BRN-44
A91BLK-46	46	A91BRN-46
A91BLK-48	48	A91BRN-48
A91BLK-50	50	A91BRN-50
A91BLK-52	52	A91BRN-52
A91BLK-54	54	A91BRN-54



Sizing information on page M68

Carhartt

HAMMILL

Duck Chore Coat & Overall - Quilt Lined

CHORE COAT

Features: corduroy collar, heavy duty brass front zipper, zipper chest pocket, two lower sash pockets, triple stitched shoulder and sleeve seams, double pencil pocket on sleeve, set-in sleeves with shirt style cuffs, inside pocket, and brass rivets for reinforcement. Machine-washable shell is constructed of a 12 oz. 2-ply 100% cotton water repellent duck with a lining of 3 oz. polyester and 1/8" foam quilted to nylon.

PART NO. BLACK	CHEST SIZE	PART NO. BROWN
M021-03-S	Small	M021-04-S
M021-03-M	Medium	M021-04-M
M021-03-L	Large	M021-04-L
M021-03-XL	X-large	M021-04-XL
M021-03-2XL	2X-large	M021-04-2XL
M021-03-3XL	3X-large	M021-04-3XL

ZIPPER FRONT OVERALL

Features: adjustable shoulder straps, two-way brass zipper front, one upper pocket with pencil slot, two large front cargo pockets, covered hip to ankle jumbo two-way brass side zippers, double knees, one back pocket, triple stitched throughout and brass rivets for reinforcement. Machine-washable and is constructed of a 12 oz. 2-ply 100% cotton water repellent duck with a lining of 3 oz. polyester and 1/8" foam quilted to nylon.

PART NO. BLACK	CHEST SIZE	PART NO. BROWN
M961-03-S	Small	M961-04-S
M961-03-M	Medium	M961-04-M
M961-03-L	Large	M961-04-L
M961-03-XL	X-large	M961-04-XL
M961-03-2XL	2X-large	M961-04-2XL
M961-03-3XL	3X-large	M961-04-3XL
—	Small-Tall	—
M961-03-MT	Medium - Tall	M961-04-MT
M961-03-LT	Large - Tall	M961-04-LT
M961-03-XLT	X-large - Tall	M961-04-XLT
M961-03-2XLT	2X-large - Tall	M961-04-2XLT
M961-03-3XLT	3X-large - Tall	M961-04-3XLT

Duck Chore Overall - Unlined

COLOUR: BROWN

SIZE	PART NO.
small	M844-04-SR
medium	M844-04-MR
large	M844-04-LR
x-large	M844-04-XLR
2x-large	M844-04-2XLR
3x-large	M844-04-3XLR
tall/medium	M844-04-MT
tall/large	M844-04-LT
tall/x-large	M844-04-XLT
tall/2x-large	M844-04-2XLT
tall/3x-large	M844-04-3XLT

Features: adjustable elastic braces, brass zipper front, two breast pockets — one with flap and one with pencil slot, two lower front swing pockets, side access openings, two back pockets, ruler pocket, hammer loop, double knees, solid brass hardware, and double stitched pockets and waistband. Machine-washable and is constructed of a 12 oz. 2-ply 100% cotton water repellent duck with high strength polyester thread.

Royal Twill Coveralls

ROYAL COVERALL - UNLINED

Features: 7½ oz., 65/35 polyester/cotton washable twill with high strength polyester thread, plain collar, self-locking two way aluminum zipper, two breast pockets (one with pencil tack), two lower front patch pockets, side access openings, two back pockets, nickel plated brass domes, reinforced at stress points. Colour: Navy.

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
M210-02-36R	36"	—
M210-02-38R	38"	M210-02-38T
M210-02-40R	40"	M210-02-40T
M210-02-42R	42"	M210-02-42T
M210-02-44R	44"	M210-02-44T
M210-02-46R	46"	M210-02-46T
M210-02-48R	48"	M210-02-48T
M210-02-50R	50"	M210-02-50T
M210-02-52R	52"	M210-02-52T
M210-02-54R	54"	M210-02-54T
M210-02-56R	56"	M210-02-56T

DELUXE ROYAL COVERALL - QUILT LINED

Features: 7¾ oz., 65/35 polyester/cotton washable twill with 3¼ oz. polyester and 1/8" foam quilted to nylon lining with high strength polyester thread, large zip-through collar, detachable full face hood, brass zipper front, breast pocket with brass zipper, two lower front patch pockets, side access openings, elastic waist, one back pocket with flap, knit storm cuffs, brass zippers from waist to hem on legs, double-stitched pockets and waistband. Nickel plated brass domes with black cap, reinforced at stress points. Navy.

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
M641-02-SR	Small	—
M641-02-MR	Medium	M641-02-MT
M641-02-LR	Large	M641-02-LT
M641-02-XLR	X-large	M641-02-XLT
M641-02-2XLR	2X-large	M641-02-2XLT
M641-02-3XLR	3X-large	M641-02-3XLT
M641-02-4XLR	4X-large	M641-02-4XLT

ROYAL COVERALL - QUILT LINED

Features: 7½ oz., 65/35 polyester/cotton washable twill with 4½ oz. polyester quilted to nylon lining with high strength polyester thread, top-stitched collar, two way aluminum zipper, breast pocket with pencil tack, two lower front patch pockets, side access openings, one back pocket, nickel plated brass domes, elastic waist with double-stitched waistband, reinforced at stress points. Navy.

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
M640-02-SR	Small	—
M640-02-MR	Medium	M640-02-MT
M640-02-LR	Large	M640-02-LT
M640-02-XLR	X-large	M640-02-XLT
M640-02-2XLR	2X-large	M640-02-2XLT
M640-02-3XLR	3X-large	M640-02-3XLT

UnLined

REFLECTORIZED NOMEX® IIIA COVERALLS — UNLINED, FIRE RETARDANT

Shell: 100% Nomex® IIIA (Aramid). Pockets: two chest pockets (flap with snap closure on right side), two lower pockets, two back pockets. Other Features: Two-way brass front zipper with snap down cover, pass through openings on sides, elastic back, action back. Trim: 3M Yellow / Silver / Yellow Firecoat trim - X on back, down front from shoulders to chest pocket, around arms. Doubled stitched. Colour: Royal.

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
RNUL-38-R	38”	RNUL-38-T
RNUL-40-R	40”	RNUL-40-T
RNUL-42-R	42”	RNUL-42-T
RNUL-44-R	44”	RNUL-44-T
RNUL-46-R	46”	RNUL-46-T
RNUL-48-R	48”	RNUL-48-T
RNUL-50-R	50”	RNUL-50-T
RNUL-52-R	52”	RNUL-52-T
RNUL-54-R	54”	RNUL-54-T
RNUL-56-R	56”	RNUL-56-T
RNUL-58-R	58”	RNUL-58-T
RNUL-60-R	60”	RNUL-60-T

NOMEX IIIA COVERALLS — UNLINED, FIRE RETARDANT

6 oz., unlined Nomex IIIA coverall. Brass zipper on Nomex tape. Fire retardant treated. Snap closure at wrist. Double stitched. Two chest/lower front/back pockets. Pass through openings on each hip. Colour: Royal.

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
NUL-34-R	34”	NUL-34-T
NUL-36-R	36”	NUL-36-T
NUL-38-R	38”	NUL-38-T
NUL-40-R	40”	NUL-40-T
NUL-42-R	42”	NUL-42-T
NUL-44-R	44”	NUL-44-T
NUL-46-R	46”	NUL-46-T
NUL-48-R	48”	NUL-48-T
NUL-50-R	50”	NUL-50-T
NUL-52-R	52”	NUL-52-T
NUL-54-R	54”	NUL-54-T
NUL-56-R	56”	NUL-56-T
NUL-58-R	58”	NUL-58-T
NUL-60-R	60”	NUL-60-T

REFLECTORIZED PROBAN® COVERALLS — UNLINED, FIRE RETARDANT

Shell: 100% cotton (Proban® treated). Pockets: two chest pockets (flap with snap closure on right side), two lower pockets, two back pockets. Other Features: Two-way brass front zipper with snap down cover, pass through openings on sides, elastic back, action back. Trim: 3M Yellow / Silver / Yellow Firecoat trim - X on back, down front from shoulders to waist, around waist, arms and legs. Double stitched. Colour: Royal.

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
RPUL-40-R	40”	RPUL-40-T
RPUL-42-R	42”	RPUL-42-T
RPUL-44-R	44”	RPUL-44-T
RPUL-46-R	46”	RPUL-46-T
RPUL-48-R	48”	RPUL-48-T
RPUL-50-R	50”	RPUL-50-T
RPUL-52-R	52”	RPUL-52-T
RPUL-54-R	54”	RPUL-54-T
RPUL-56-R	56”	RPUL-56-T

PROBAN COVERALLS — UNLINED, FIRE RETARDANT

9 oz., unlined Proban treated 100% cotton coverall. Brass zipper front on Nomex tape. Fire retardant treated Velcro cuffs and collars. Double stitched. Two chest/lower front/back pockets. One pen/chest pocket, and tool pocket on right leg. Pass through openings on each hip. Colour: Royal.

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
PUL-34-R	34”	PUL-34-T
PUL-36-R	36”	PUL-36-T
PUL-38-R	38”	PUL-38-T
PUL-40-R	40”	PUL-40-T
PUL-42-R	42”	PUL-42-T
PUL-44-R	44”	PUL-44-T
PUL-46-R	46”	PUL-46-T
PUL-48-R	48”	PUL-48-T
PUL-50-R	50”	PUL-50-T
PUL-52-R	52”	PUL-52-T
PUL-54-R	54”	PUL-54-T
PUL-56-R	56”	PUL-56-T
PUL-58-R	58”	PUL-58-T
PUL-60-R	60”	PUL-60-T

Sizing information on page M68

POLY/COTTON COVERALLS — UNLINED

7.5 oz., unlined 65% polyester/35% cotton coverall. Brass zipper front. Double stitched. Two chest/lower front/back pockets. Action back. One tool pocket on right leg. Pass through openings on each hip. Colour: Navy.

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
–	34”	PCUL-34-T
PCUL-36-R	36”	PCUL-36-T
PCUL-38-R	38”	PCUL-38-T
PCUL-40-R	40”	PCUL-40-T
PCUL-42-R	42”	PCUL-42-T
PCUL-44-R	44”	PCUL-44-T
PCUL-46-R	46”	PCUL-46-T
PCUL-48-R	48”	PCUL-48-T
PCUL-50-R	50”	PCUL-50-T
PCUL-52-R	52”	PCUL-52-T
PCUL-54-R	54”	PCUL-54-T

INDURA® ULTRA SOFT™ COVERALLS — UNLINED, DELUXE COVERALL

9 oz., unlined Indura treated 88% cotton/12% nylon coverall. Two way front brass zipper with snap down cover, covered snaps at cuffs, two pass through openings on sides, action back, elastic back, stand up collar with Velcro, leg tabs. Pockets: Two chest pockets with covered snap-flap closure, two lower pockets, two back pockets, one tool pocket on right leg, pencil pocket on left arm. Colour: Royal.

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
IUUL-34-R	34”	IUUL-34-T
IUUL-36-R	36”	IUUL-36-T
IUUL-38-R	38”	IUUL-38-T
IUUL-40-R	40”	IUUL-40-T
IUUL-42-R	42”	IUUL-42-T
IUUL-44-R	44”	IUUL-44-T
IUUL-46-R	46”	IUUL-46-T
IUUL-48-R	48”	IUUL-48-T
IUUL-50-R	50”	IUUL-50-T
IUUL-52-R	52”	IUUL-52-T
IUUL-54-R	54”	IUUL-54-T
IUUL-56-R	56”	IUUL-56-T
IUUL-58-R	58”	IUUL-58-T
IUUL-60-R	60”	IUUL-60-T

Coveralls with Reflective Tape — Unlined

•100% cotton twill •8.2 oz., 100% cotton twill •Soil release finish •Maximum 2% shrinkage •Pre-shrunk to meet industrial laundry standards •3M® grey reflective tape on 2" "high visibility" yellow backing •2-way zipper •Reinforced back pockets •Bar-tack reinforcement at vital stress points •Coveralls features: •Front swing pockets •Side vent openings •One piece bi-fold back •Run off sleeves with adjustable snaps •Hammer strap and ruler pocket •Available in Navy or Orange

WAIST SIZE	PART NO. NAVY REGULAR	PART NO. NAVY TALL	PART NO. ORANG E REGULAR	PART NO. ORANGE TALL
36	RUL-36-RN	—	RUL-36-RO	—
38	RUL-38-RN	RUL-38-TN	RUL-38-RO	RUL-38-TO
40	RUL-40-RN	RUL-40-TN	RUL-40-RO	RUL-40-TO
42	RUL-42-RN	RUL-42-TN	RUL-42-RO	RUL-42-TO
44	RUL-44-RN	RUL-44-TN	RUL-44-RO	RUL-44-TO
46	RUL-46-RN	RUL-46-TN	RUL-46-RO	RUL-46-TO
48	RUL-48-RN	RUL-48-TN	RUL-48-RO	RUL-48-TO
50	RUL-50-RN	RUL-50-TN	RUL-50-RO	RUL-50-TO
52	RUL-52-RN	RUL-52-TN	RUL-52-RO	RUL-52-TO
54	RUL-54-RN	RUL-54-TN	RUL-54-RO	RUL-54-TO
56	—	—	RUL-56-RO	—
58	—	—	RUL-58-RO	—
60	—	—	RUL-60-RO	—

Front Back

Overalls with Reflective Tape — Unlined

•8.2 oz.,100% cotton twill outer shell •Soil release finish •Maximum 2% shrinkage •Pre-shrunk to meet industrial laundry standards •3M® grey reflective tape on 2" "high visibility" yellow backing •2-way zipper •Reinforced back pockets •Bar-tack reinforcement at vital stress points •Front patch pockets •Adjustable elastic suspenders •Elasticized waist •Reinforced knees •Available in Navy or Orange

WAIST SIZE	PART NO. NAVY REGULAR	PART NO. NAVY TALL	PART NO. ORANG E REGULAR	PART NO. ORANGE TALL
36	RULB-36-RN	—	RULB-36-RO	—
38	RULB-38-RN	RULB-38-TN	RULB-38-RO	RULB-38-TO
40	RULB-40-RN	RULB-40-TN	RULB-40-RO	RULB-40-TO
42	RULB-42-RN	RULB-42-TN	RULB-42-RO	RULB-42-TO
44	RULB-44-RN	RULB-44-TN	RULB-44-RO	RULB-44-TO
46	RULB-46-RN	RULB-46-TN	RULB-46-RO	RULB-46-TO
48	RULB-48-RN	RULB-48-TN	RULB-48-RO	RULB-48-TO
50	RULB-50-RN	RULB-50-TN	RULB-50-RO	RULB-50-TO
52	RULB-52-RN	RULB-52-TN	RULB-52-RO	RULB-52-TO
54	RULB-54-RN	RULB-54-TN	RULB-54-RO	RULB-54-TO
56	—	—	RULB-56-RO	—
58	—	—	RULB-58-RO	—
60	—	—	RULB-60-RO	—

Front Back

Traffic Coveralls — Unlined

•Poly cotton hi-viz reflective traffic coverall •CSA standard •With 3M Scotchlite tape, YKK zipper, mesh sleeves •Two chest pockets, two side pockets, and two back pockets

SIZE	PART NO.
x-small	RTUL-XS
small	RTUL-S
medium	RTUL-M
large	RTUL-L
x-large	RTUL-XL
2x-large	RTUL-2XL
3x-large	RTUL-3XL

Back Front

Fire Retardant Coveralls

NOMEX IIIA COVERALLS W/HOOD

6 oz. lined Nomex IIIA coverall w/ hood. Fire retardant Modacrylic insulation. Brass zipper on Nomex tape. Double stitched. Two chest/ lower front pockets. One pen pocket on left arm. Two-way leg zipper on each leg. Royal.

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
NL-XS-R	X-small	NL-XS-T
NL-S-R	Small	NL-S-T
NL-M-R	Medium	NL-M-T
NL-L-R	Large	NL-L-T
NL-XL-R	X-large	NL-XL-T
NL-XXL-R	2X-large	NL-XXL-T
NL-XXXL-R	3X-large	NL-XXXL-T
NL-XXXXL-R	4X-large	NL-XXXXL-T

PROBAN COVERALLS W/HOOD

9 oz. lined Proban treated 100% cotton coverall w/ hood. Fire retardant Modacrylic insulation. Brass zipper on Nomex tape. Double stitched. Two chest/lower front pockets. One pen pocket on left arm. Two-way leg zipper on each leg. Royal.

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
PL-S-R	Small	PL-S-T
PL-M-R	Medium	PL-M-T
PL-L-R	Large	PL-L-T
PL-XL-R	X-large	PL-XL-T
PL-XXL-R	2X-large	PL-XXL-T
PL-XXXL-R	3X-large	PL-XXXL-T
PL-XXXXL-R	4X-large	PL-XXXXL-T

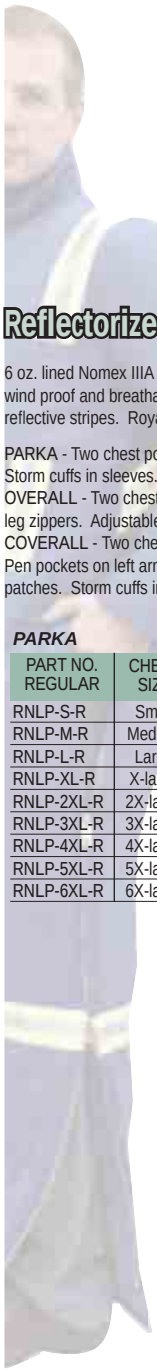
Fire Retardant Storm Master Parka & Overall

REFLECTORIZED PROBAN PARKA & OVERALL

•100% fire retardant treated cotton; 9 oz. lined, heavy duty brass zippered front •Fire retardant reflective tape with heavy quilted lining •Royal blue.

PARKA - Sleeves with storm cuff. Fire retardant tape on arms, front, back and waist. 2 chest pockets and 2 side pockets.
OVERALL - Covered brass zipper on legs. Fire retardant tape on front, back and waist. 2 chest pockets, 2 side pockets and 2 back pockets.

PART NO. PROBAN PARKA	CHEST SIZE	PART NO. PROBAN OVERALL
RPLP-S-R	Small	RPLB-S-R
RPLP-M-R	Medium	RPLB-M-R
RPLP-L-R	Large	RPLB-L-R
RPLP-XL-R	X-large	RPLB-XL-R
RPLP-2XL-R	2X-large	RPLB-2XL-R
RPLP-3XL-R	3X-large	RPLB-3XL-R



Reflectorized Nomex IIIA Parka, Overall & Coverall

6 oz. lined Nomex IIIA Parka, Overall & Coverall. 4.5 oz. Nomex quilted with Nomex and poly fill, wind proof and breathable barrier lining (approx 12 oz.). T5 silver and yellow 3M 2" fire retardant and reflective stripes. Royal.

PARKA - Two chest pockets, two lower pockets (with flaps snap closure). Pen pockets on left arm. Storm cuffs in sleeves.
OVERALL - Two chest pockets, left one with pen slot. Two lower pockets. Two way brass front and leg zippers. Adjustable elastic suspenders. Knee patches.
COVERALL - Two chest pockets, left one with pen slot. Two lower pockets (with flaps snap closure). Pen pockets on left arm. Two way brass front and leg zippers. Action back and elastic waist. Knee patches. Storm cuffs in sleeves.

PARKA

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
RNLP-S-R	Small	RNLP-S-T
RNLP-M-R	Medium	RNLP-M-T
RNLP-L-R	Large	RNLP-L-T
RNLP-XL-R	X-large	RNLP-XL-T
RNLP-2XL-R	2X-large	RNLP-2XL-T
RNLP-3XL-R	3X-large	RNLP-3XL-T
RNLP-4XL-R	4X-large	RNLP-4XL-T
RNLP-5XL-R	5X-large	RNLP-5XL-T
RNLP-6XL-R	6X-large	RNLP-6XL-T

OVERALL

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
RNLB-S-R	Small	RNLB-S-T
RNLB-M-R	Medium	RNLB-M-T
RNLB-L-R	Large	RNLB-L-T
RNLB-XL-R	X-large	RNLB-XL-T
RNLB-2XL-R	2X-large	RNLB-2XL-T
RNLB-3XL-R	3X-large	RNLB-3XL-T
RNLB-4XL-R	4X-large	RNLB-4XL-T
RNLB-5XL-R	5X-large	RNLB-5XL-T
RNLB-6XL-R	6X-large	RNLB-6XL-T

COVERALL

PART NO. REGULAR	CHEST SIZE	PART NO. TALL
RNL-S-R	Small	RNL-S-T
RNL-M-R	Medium	RNL-M-T
RNL-L-R	Large	RNL-L-T
RNL-XL-R	X-large	RNL-XL-T
RNL-2XL-R	2X-large	RNL-2XL-T
RNL-3XL-R	3X-large	RNL-3XL-T
RNL-4XL-R	4X-large	RNL-4XL-T
RNL-5XL-R	5X-large	RNL-5XL-T
RNL-6XL-R	6X-large	RNL-6XL-T

Sizing information on page M68

WASIP INSULATED WORK WEAR

3M Thinsulate Traffic Parka & Overall

•Made from 100% polyester 300D Oxford, 350 grams (12 oz. per square yard). •100% black cotton flannel lining with polyester filling, 220 grams (8.8 oz).

PARKA FEATURES: •Full zippered front closure with top and bottom button down straps and storm flap •Side pockets with 2 way zipper allows access to cell phone, keys, wallet etc. •Inner pocket on the left side •2 outside patch pockets with flap and snap with 2 way access from top or side •Left sleeve storage pocket with flap and snap for pencil/pens or cell phone. •Features new reflective pattern for increased visibility; an 'X' on the back, two vertical stripes down the front of the jacket, two 360° bands around the torso and a band around each arm. •Detachable hood with drawcord and plastic bell knob stopper •Extended 3.5" tab on neck of hood to allow extra coverage for hard hats •Sleeves feature 4" inside knitted storm cuff with nylon lining to prevent build up of snow

OVERALLS FEATURE: •Features an 'X' on the back, two vertical stripes down the front of the pants, a 360° band around the torso and 2" silver reflective tape around each leg. •2 way, full zippered front closure with 3 snaps and storm flap •2 front leg pockets, left pocket features front pen pocket. •Heavy duty black nylon webbing suspenders with adjustable fasteners •2 way zippered closures on side of legs allow room for work boots •Elastic action back at waist for greater movement and comfort •Reinforced knees, seat of pants and inner thighs •Hammer loop on right leg

THINSULATE TRAFFIC PARKA

PART NO. HI-VIZ ORANGE	SIZE	PART NO. LIME GREEN
C23657102	Small	C23657402
C23657103	Medium	C23657403
C23657104	Large	C23657404
C23657105	X-large	C23657405
C23657106	2X-large	C23657406
C23657107	3X-large	C23657407
C23657108	4X-large	C23657408
C23657109	5X-large	C23657409

THINSULATE TRAFFIC OVERALL

PART NO. HI-VIZ ORANGE	SIZE	PART NO. LIME GREEN
C12657102	Small	C12657402
C12657103	Medium	C12657403
C12657104	Large	C12657404
C12657105	X-large	C12657405
C12657106	2X-large	C12657406
C12657107	3X-large	C12657407
C12657108	4X-large	C12657408
C12657109	5X-large	C12657409

Hood & Drawstring

Inner Pocket

Side Opening

Traffic Parka

These high intensity traffic parkas increase the visibility of workers on any job site. Parka features 360° of reflectability - two reflective stripes down the chest, a 'X' on the back, and bands around the arms and waist. The water repellent outer shell makes this an excellent parka for inclement weather and cold winters. The parkas are made of 100% polyester and have a inner black lining with diamond-shaped quilting. Material is 300 denier and the lining is 200 grams. Jacket features front storm flap with 5 snaps and a two-way zipper, set-in long sleeves with an inner knitted wrist storm cuff, 2 flap waist pockets, inside left and right chest pockets with velcro closure, and a hood that rolls into the collar and features a drawstring with plastic bell knob stopper.

PART NO. HI-VIZ ORANGE	SIZE	PART NO. LIME GREEN
C23010602	Small	C23011402
C23010603	Medium	C23011403
C23010604	Large	C23011404
C23010605	X-large	C23011405
C23010606	2X-large	C23011406
C23010607	3X-large	C23011407
C23010608	4X-large	C23011408
C23010609	5X-large	C23011409

WASIP INSULATED WORK WEAR

MMM/3982

3-In-1 Traffic Jackets

The best of all worlds - enjoy a winter jacket with a zip-in reversible traffic vest with removable sleeves. These high intensity traffic jackets increase the visibility of workers on any job site. Jacket features 360° of reflectability - two reflective stripes down the chest, a 'X' on the back, and bands around the arms and waist. The water repellent outer shell makes this an excellent choice for inclement weather and cold winters. Material is 250 grams (10 oz. per square yard) and the lining is 220 grams (8.8 oz. per square yard). The 100% polyester jacket with mesh lining features a front storm flap with 6 snaps and a one-way zipper, set-in long sleeves with a knitted storm cuff inside, inside left and right chest pockets with velcro closure, lower mobile phone pockets with velcro closures on both sides and a hood that rolls into the collar and features a drawstring with plastic bell knob stopper.

PART NO. HI-VIZ ORANGE	SIZE	PART NO. LIME GREEN
C24110602	Small	C24111402
C24110603	Medium	C24111403
C24110604	Large	C24111404
C24110605	X-large	C24111405
C24110606	2X-large	C24111406
C24110607	3X-large	C24111407
C24110608	4X-large	C24111408
C24110609	5X-large	C24111409

SWEATSHIRTS

JAR/2576

Hooded Sweatshirts — Fire Retardant

PULLOVER SWEATSHIRT

With rib cuff and waistband, two front pockets, black draw string in hood. Canadian fire retardant standard (CSGSB155.20,2000).

SIZE	PART NO. BLACK
small	FRHS-S
medium	FRHS-M
large	FRHS-L
x-large	FRHS-XL
2x-large	FRHS-2XL
3x-large	FRHS-3XL

ZIP-FRONT SWEATSHIRT

With brass full zipper, two front pockets, black draw string in hood. Canadian fire retardant standard (CSGSB155.20,2000).

SIZE	PART NO. BLACK
small	FRHSZIP-S
medium	FRHSZIP-M
large	FRHSZIP-L
x-large	FRHSZIP-XL
2x-large	FRHSZIP-2XL
3x-large	FRHSZIP-3XL

VELCRO® STRAPS

VEL/3941

Velcro® Strap to wrap ankles to secure coveralls and pantlegs from getting caught in machinery. Straps are 16" total length and 2" in width. •Black
Part No. MFSB-16, 5"- hook component (up) with 11" strap with black buckle on end.
Part No. MFS-16, 5"- hook component (down) with 11" strap NO buckle on end .

MFSB-16

MFS-16

Sizing information on page M68

GWG Boot Cut Jean

14½ oz. 100% cotton. 19½" leg opening.
Rinse denim.

PART NO.	WAIST	INSEAM
BC828-18-3030	30	30
BC828-18-3032	30	32
BC828-18-3130	31	30
BC828-18-3132	31	32
BC828-18-3230	32	30
BC828-18-3232	32	32
BC828-18-3234	32	34
BC828-18-3330	33	30
BC828-18-3332	33	32
BC828-18-3334	33	34
BC828-18-3430	34	30
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BC828-18-3634	36	34
BC828-18-3830	38	30
BC828-18-3832	38	32
BC828-18-3834	38	34
BC828-18-4030	40	30
BC828-18-4032	40	32
BC828-18-4230	42	30
BC828-18-4232	42	32
BC828-18-4430	44	30
BC828-18-4432	44	32
BC828-18-4630	46	30
BC828-18-4632	46	32
BC828-18-4830	48	30
BC828-18-4832	48	32
BC828-18-5030	50	30
BC828-18-5032	50	32

GWG Easy Fit Jean

14½ oz. 100% cotton. 17" leg opening.
Stonewash denim.

PART NO.	WAIST	INSEAM
EF838-09-3032	30	32
EF838-09-3130	31	30
EF838-09-3132	31	32
EF838-09-3230	32	30
EF838-09-3232	32	32
EF838-09-3234	32	34
EF838-09-3330	33	30
EF838-09-3332	33	32
EF838-09-3334	33	34
EF838-09-3430	34	30
EF838-09-3432	34	32
EF838-09-3434	34	34
EF838-09-3630	36	30
EF838-09-3632	36	32
EF838-09-3634	36	34
EF838-09-3830	38	30
EF838-09-3832	38	32
EF838-09-3834	38	34
EF838-09-4030	40	30
EF838-09-4032	40	32
EF838-09-4230	42	30
EF838-09-4232	42	32

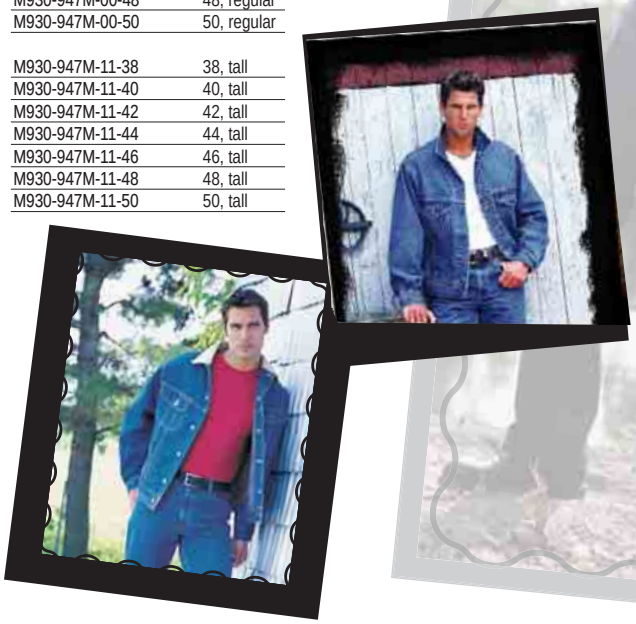
GREAT WESTERN GWG GARMENT COMPANY

Levi's

Storm Rider Jean Jacket - Lined

Blanket lined Storm Rider jacket with chest pockets. Stone washed.

PART NO.	SIZE
M930-947M-00-38	38, regular
M930-947M-00-40	40, regular
M930-947M-00-42	42, regular
M930-947M-00-44	44, regular
M930-947M-00-46	46, regular
M930-947M-00-48	48, regular
M930-947M-00-50	50, regular
M930-947M-11-38	38, tall
M930-947M-11-40	40, tall
M930-947M-11-42	42, tall
M930-947M-11-44	44, tall
M930-947M-11-46	46, tall
M930-947M-11-48	48, tall
M930-947M-11-50	50, tall



Jean Jacket - Unlined

Classic unlined jean jacket with chest and side pockets on the outside and two inside pockets. Stone washed.

PART NO.	SIZE
Q930-086M-S	Small
Q930-086M-M	Medium
Q930-086M-L	Large
Q930-086M-XL	X-large
Q930-086M-2XL	2X-large

Boot Cut & Straight Leg Jeans

14.75 oz. Classic Boot Cut and Straight Leg Jean, regular wash, constructed of indigo denim.

BOOT CUT PART NO.	WAIST	INSEAM	STRAIGHT LEG PART NO.
C630-200M-28-32	28	32	—
C630-200M-29-32	29	32	C630-951M-29-32
C630-200M-30-30	30	30	C630-951M-30-30
C630-200M-30-32	30	32	C630-951M-30-32
C630-200M-31-32	31	32	C630-951M-31-32
C630-200M-32-30	32	30	C630-951M-32-30
C630-200M-32-32	32	32	C630-951M-32-32
C630-200M-32-34	32	34	C630-951M-32-34
C630-200M-32-36	32	36	C630-951M-32-36
C630-200M-33-30	33	30	C630-951M-33-30
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C630-200M-34-34	34	34	C630-951M-34-34
C630-200M-34-36	34	36	C630-951M-34-36
C630-200M-35-32	35	32	C630-951M-35-32
C630-200M-36-30	36	30	C630-951M-36-30
C630-200M-36-32	36	32	C630-951M-36-32
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C630-200M-38-30	38	30	C630-951M-38-30
C630-200M-38-32	38	32	C630-951M-38-32
C630-200M-38-34	38	34	C630-951M-38-34
C630-200M-38-36	38	36	C630-951M-38-36
C630-200M-40-30	40	30	C630-951M-40-30
C630-200M-40-32	40	32	C630-951M-40-32
C630-200M-42-32	42	32	C630-951M-42-32
C630-200M-44-32	44	32	C630-951M-44-32

MUSTANG

Turtle Neck Shirt

9 oz. 100% cotton jersey turtle neck shirt featuring rib cuffs and collar, long sleeves, and a generous fit. Trim is made out of 95% cotton and 5% Lycra.

SIZE	PART NO. WHITE	PART NO. NAVY
small	23500-20-S	23500-60-S
medium	23500-20-M	23500-60-M
large	23500-20-L	23500-60-L
x-large	23500-20-XL	—
2x-large	23500-20-2XL	23500-60-2XL

HAMMILL®

Insulated Plaid Flannel Shirt

Featuring: 100% cotton flannel, washable, with 3¼ oz. polyester quilted to nylon, top stitched collar with stays, long sleeves, woven interlining collar, cuffs and pocket flaps, plaquette front, pearl domes, breast pockets with flaps and dome closures.

SIZE	PART NO. REGULAR	PART NO. TALL
small	3693-99-SR	—
medium	3693-99-MR	3693-99-MT
large	3693-99-LR	3693-99-LT
x-large	3693-99-XLR	3693-99-XLT
2x-large	3693-99-2XLR	3693-99-2XLT
3x-large	3693-99-3XLR	3693-99-3XLT
4x-large	3693-99-4XLR	3693-99-4XLT

STANFIELD'S UNDERGARMENTS

MMM/3702

Undergarments - Premium Rib Knit — Medium Weight

50% cotton - 50% polyester for better wear.

LONG SLEEVE SHIRT

Features: crew neck, set in sleeves, cuffs reinforced with spandex for comfort and shape retention, taped neck and shoulder seams for comfort and strength. Navy mix colour.

PART NO.	SIZE
1423-131-S	Small
1423-131-M	Medium
1423-131-L	Large
1423-131-XL	X-large

LONGS

Features: double seat, cuffs reinforced with spandex for comfort and shape retention, leg gussets give thighs extra room for proper fit, Stanfield's signature elastic waistband. Navy mix colour.

PART NO.	SIZE
1422-131-S	Small
1422-131-M	Medium
1422-131-L	Large
1422-131-XL	X-large

TALL LONGS

Features: double seat, 3" longer leg, 1" longer rise, cuffs reinforced with spandex for comfort and shape retention, leg gussets give thighs extra room for proper fit, Stanfield's signature elastic waistband. Navy mix colour.

PART NO.	SIZE
1424131-S	Small
1424-131-M	Medium
1424-131-L	Large
1424-131-XL	X-large

Undergarments - Glacier Rib Knit — Medium Weight

100% combed cotton.

LONG SLEEVE SHIRT

Features: crew neck, set in sleeves, cuffs reinforced with spandex for comfort and shape retention, taped neck and shoulder seams for comfort and strength. Grey heather colour.

PART NO.	SIZE
2513-554-S	Small
2513-554-M	Medium
2513-554-L	Large
2513-554-XL	X-large

LONGS

Features: cuffs reinforced with spandex for comfort and shape retention, leg gussets give thighs extra room for proper fit, sewn on signature Standfield's logo elastic waistband. Grey heather colour.

PART NO.	SIZE
2512-554-S	Small
2512-554-M	Medium
2512-554-L	Large
2512-554-XL	X-large

TALL LONGS

Features: 3" longer leg, 1" longer rise, cuffs reinforced with spandex for comfort and shape retention, leg gussets give thighs extra room for proper fit, sewn on signature Stanfield's logo elastic waistband. Grey heather colour.

PART NO.	SIZE
2514-554-S	Small
2514-554-M	Medium
2514-554-L	Large
2514-554-XL	X-large

LONG SLEEVE COMBINATION

Features: full button front, military insert shoulders, rib collar, cuffs reinforced with spandex for comfort and shape retention, leg gussets give thighs extra room for proper fit, trap door with button closure. Grey heather colour.

PART NO.	SIZE
2500-554-S	Small
2500-554-M	Medium
2500-554-L	Large
2500-554-XL	X-large

STANFIELD'S UNDERGARMENTS

Undergarments – Two Layer Jersey Knit

Heavyweight two layer jersey knit has an inner layer of 50% cotton, 50% polyester for absorbency and softness. The outer layer is 50% wool, 50% polyester for warmth and strength further treated with an anti-microbial treatment for additional performance. Recommended for extremely cold conditions.

LONG SLEEVE SHIRT

Features: crew neck, set in sleeves, cuffs reinforced with rib knitting, taped neck and shoulder seams for comfort and strength. Navy mix colour.

PART NO.	SIZE
8813-131-S	Small
8813-131-M	Medium
8813-131-L	Large
8813-131-XL	X-large

LONGS

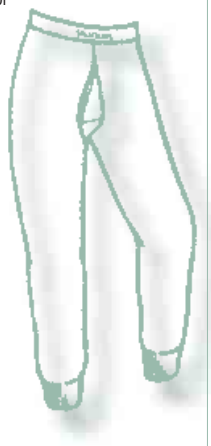
Features: signature Stanfield's logo elastic waistband, full roomy seat for comfort. Navy mix colour.

PART NO.	SIZE
8812-131-S	Small
8812-131-M	Medium
8812-131-L	Large
8812-131-XL	X-large

TALL LONGS

Features: 3" longer leg, signature Stanfield's logo elastic waistband, full roomy seat for comfort. Black mix colour.

PART NO.	SIZE
8814-572-S	Small
8814-572-M	Medium
8814-572-L	Large
8814-572-XL	X-large

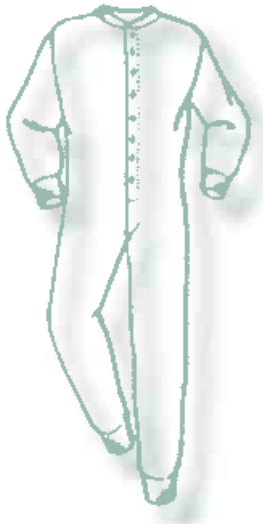


STANFIELD'S®

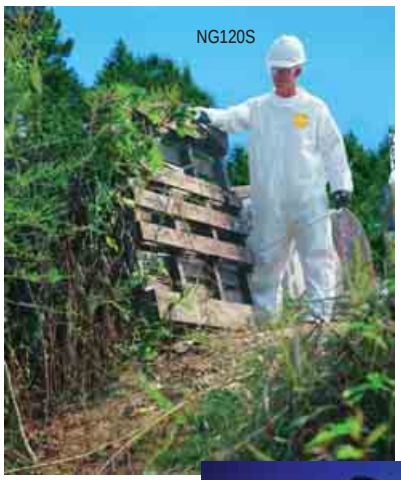
LONG SLEEVE COMBINATION

Features: full button front, military insert shoulders, rib collar, trap door with button closure. Black mix colour.

PART NO.	SIZE
8800-572-S	Small
8800-572-M	Medium
8800-572-L	Large
8800-572-XL	X-large



DUPONT™ PERSONAL PROTECTIVE CLOTHING



APRONS

•Bound seams •Bound neck and tie •Bib style • 28" x 36".
Part No. NG273B,

SLEEVE

•Serged seams •Elastic top •Elastic wrist •18" length
Part No. NG500S, Pair.

ProShield® NexGen®

•Effective barrier against a variety of common industrial aerosols and liquids •Uses include automotive paint, refinishing, waste clean-up and sanitation engineering •Proprietary microporous technology •White

SIZE	PART NO. COVERALLS (A)	PART NO. COVERALLS W/HOOD (B)	PART NO. LAB COATS (C)
small	NG120S-S	NG127S-S	NG212S-S
medium	NG120S-M	NG127S-M	NG212S-M
large	NG120S-L	NG127S-L	NG212S-L
x-large	NG120S-XL	NG127S-XL	NG212S-XL
2x-large	NG120S-2XL	NG127S-2XL	NG212S-2XL
3x-large	NG120S-3XL	NG127S-3XL	NG212S-3XL
4x-large	NG120S-4XL	NG127S-4XL	NG212S-4XL

DESCRIPTIONS
(A) COVERALLS •Serged seams •Collar •Front zipper closure
(B) COVERALLS •Serged seams •Attached hood •Front zipper closure •Elastic wrists •Elastic ankles
(C) LAB COATS •Serged seams •Collar •Front snap closure •Two pockets

ProShield®

•Unique ACT fabric technology for breathability, a softer feel and greater comfort •A fabric that "gives" and has the right fit for a greater range of motion while stretching and bending •A barrier against nonhazardous dry particles down to one micron in size •DuPont quality at an affordable price •Designed for workers in a range of industries for nonhazardous applications •Blue

SIZE	PART NO. COVERALLS (A)	PART NO. COVERALLS W/HOOD (B)
small	P1133S-BL-S	P1131S-BL-S
medium	P1133S-BL-M	P1131S-BL-M
large	P1133S-BL-L	P1131S-BL-L
x-large	P1133S-BL-XL	P1131S-BL-XL
2x-large	P1133S-BL-2XL	P1131S-BL-2XL
3x-large	P1133S-BL-3XL	P1131S-BL-3XL
4x-large	P1133S-BL-4XL	P1131S-BL-4XL

DESCRIPTIONS
(A) COVERALLS •Serged seams •Collar •Front zipper closure •Elastic waist
(B) COVERALLS •Serged seams •Attached hood (respirator fit) •Front zipper closure •Storm flap •Elastic waist, wrists, ankles

Tyvek®

•The best balance of protection, durability and comfort •Inherent barrier protection against dry particulate hazards •Even after abrasion, stops sub-micron particles better than reusable garments •One garment for many applications: general maintenance/operations; spray painting; lead abatement; environmental clean-up; asbestos abatement; agriculture; food processing; mold remediation; micro crystalline silica •White

SIZE	PART NO. COVERALLS (A)	PART NO. COVERALLS (B)	PART NO. COVERALLS W/HOOD (C)	PART NO. COVERALLS W/HOOD (D)	PART NO. LAB COATS (E)
small	TY120S-S	TY125S-S	TY127S-S	TY122S-S	TY212S-S
medium	TY120S-M	TY125S-M	TY127S-M	TY122S-M	TY212S-M
large	TY120S-L	TY125S-L	TY127S-L	TY122S-L	TY212S-L
x-large	TY120S-XL	TY125S-XL	TY127S-XL	TY122S-XL	TY212S-XL
2x-large	TY120S-2XL	TY125S-2XL	TY127S-2XL	TY122S-2XL	TY212S-2XL
3x-large	TY120S-3XL	TY125S-3XL	TY127S-3XL	TY122S-3XL	TY212S-3XL
4x-large	TY120S-4XL	TY125S-4XL	TY127S-4XL	TY122S-4XL	TY212S-4XL

DESCRIPTIONS
(A) COVERALLS •Serged seams •Collar •Front zipper closure
(B) COVERALLS •Serged seams •Collar •Front zipper closure •Elastic wrists •Elastic ankles
(C) COVERALLS •Serged seams •Attached hood •Front zipper closure •Elastic wrists •Elastic ankles
(D) COVERALLS •Serged seams •Attached hood •Front zipper closure •Elastic wrists •Elastic ankles •Attached skid-resistant boots
(E) LAB COATS •Serged seams •Collar •Front snap closure •Two pockets

APRONS
•Bound seams •Bound neck and tie •Bib style
Part No. TY273B, 28" x 36".
Part No. TY274B, 28" x 44".

SLEEVE
•Serged seams •Elastic top •Elastic wrist •18" length
Part No. TY500S, Pair.

HOOD
•Serged seams •Pullover •Elastic face •Shoulder length
Part No. TY657S.

SHOE COVER
•Serged seams •8" low elastic top
Part No. TY440SWH, Pair, Universal.
Part No. TY440SWHXL, Pair, Extra large.

BOOT COVER
•Serged seams •17" high elastic top
Part No. TY444SWH, Pair.

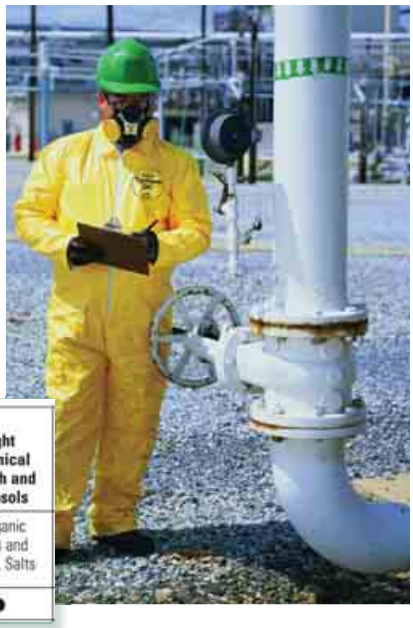
Tychem® QC

•Light liquid splash protection •Used extensively in the petroleum, pulp and paper, food and chemical processing and pharmaceutical industries •Tychem® QC is polyethylene-coated Tyvek® fabric •Yellow for high visibility

SIZE	PART NO. COVERALLS (A)	PART NO. COVERALLS W/HOOD (B)
small	QC120S-S	QC127S-S
medium	QC120S-M	QC127S-M
large	QC120S-L	QC127S-L
x-large	QC120S-XL	QC127S-XL
2x-large	QC120S-2XL	QC127S-2XL
3x-large	QC120S-3XL	QC127S-3XL
4x-large	QC120S-4XL	QC127S-4XL

DESCRIPTIONS
(A) COVERALLS •Serged seam •Collar •Front zipper closure
(B) COVERALLS •Serged seam •Attached hood •Front zipper closure •Elastic wrists •Elastic ankles

SLEEVE
•Bound seam •Elastic top •Elastic wrist •18" long
Part No. QC500B, Pair.



Recommended Usages

Typical Chemical Hazards / examples / brands	Hazardous Dry Powders and Solids	Bloodborne Pathogens and Biohazards	Light Chemical Splash and Aerosols
	Dry Pharma Chemicals	Blood, Saliva, Human Excrement	Inorganic Acids and Bases, Salts
Tychem® QC	●	●	●

DUPONT™ PERSONAL PROTECTIVE CLOTHING

Tempro® (Secondary Flame Resistant Protection)

•Disposable, secondary, flame resistant* garment that must be worn over primary FR protection •Ideal for use in steel mills, coal mines, refineries, laboratories and utilities •Helps resist solids and non-toxic liquids from contaminating primary FR garments •Breathable, with an ample pattern design •Light blue

*Tempro® garments are flame retardant, and are intended to be worn OVER your primary flame resistant apparel.

SIZE	PART NO. COVERALLS (A)	PART NO. COVERALLS W/HOOD (B)
small	TM120S-S	TM127S-S
medium	TM120S-M	TM127S-M
large	TM120S-L	TM127S-L
x-large	TM120S-XL	TM127S-XL
2x-large	TM120S-2XL	TM127S-2XL
3x-large	TM120S-3XL	TM127S-3XL
4x-large	TM120S-4XL	TM127S-4XL

DESCRIPTIONS

(A) COVERALLS •Serged seams •Collar •Front zipper closure

(B) COVERALLS •Serged seams •Attached hood •Front zipper closure •Elastic wrists, ankles

DuPont
Personal Protection

NOMEX® Limitedwear (Primary Flame Resistant Protection)

•Exceptional thermal protection for short-term contract workers and on-site visitors •Inherently flame resistant, will not melt and drip nor support combustion in air •Ideal for use in industries where the potential for flash fires and electric arcs exists •Certified to NFPA 2112 and meets NFPA 70E H/R category 1 protection level •Intended to be worn over cotton work clothes •Lighter, more breathable and more flexible than other FR garments, which helps keep wearers cool and comfortable on the job site •Can be laundered to remove soiling and contamination without impacting thermal performance, which extends garment wear life •Green

SIZE	PART NO. COVERALLS
small	NL149S-S
medium	NL149S-M
large	NL149S-L
x-large	NL149S-XL
2x-large	NL149S-2XL
3x-large	NL149S-3XL
4x-large	NL149S-4XL

DESCRIPTIONS

COVERALLS •Serged seam •Collar •Internal zipper flap •Zipper front closure •Left breast pocket

DuPont™ Tyvek® and General Protection Products

Typical General Industrial Hazards	Non-hazardous								Hazardous											
	Non-Hazardous Particles			Aerosol	Light Liquid Splash				Dust											Aerosol
examples / brands	General Dirt and Grime	Animal Waste	Sanding and Grinding Waste	Spray Paints	Oil and Grease	Lubricants	Fertilizer	Sewage	Fertilizer	Pesticides	Asbestos	Lead	Chromium	Beryllium	Mold	Fiberglass	Nano Particles	Carbon	Radioactive Particles	Isocyanate
Tyvek®	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ProShield® NexGen®	○	○	○	●	●	●	●	●												
ProShield®	●	●	●																	
Tempro®	○	○	○	○																

● Generally Preferred ○ Acceptable for Use

KLEENGUARD A20 COVERALLS

Made from a lightweight, breathable SMS fabric that is strong and abrasion resistant for extended wear. Offers protection against dry particulates and light liquid sprays. For maintenance and general clean-up; manufacturing; dusty environments; food processing; etc. •White.

SIZE	PART NO. COVERALLS (A)	PART NO. COVERALLS W/HOOD (B)
medium	49002	49112
large	49003	49113
x-large	49004	49114
2x-large	49005	49115
3x-large	49006	49116

DESCRIPTIONS
(A) COVERALLS •Front zipper closure
(B) COVERALLS • Zipper Front, Hood, Elastic Back/Wrists/Ankles:

KLEENGUARD A40 COVERALLS

Particle Barrier Protection From Non-Hazardous Liquids. Made from a breathable, micro-porous film laminate. An excellent replacement for TYVEK®: •Better liquid barrier •Better particulate barrier •Lower in lint •White.

SIZE	PART NO. COVERALLS (A)	PART NO. COVERALLS W/HOOD (B)
medium	44302	44322
large	44303	44323
x-large	44304	44324
2x-large	44305	44325
3x-large	44306	44326
4x-large	44307	44327

Kimberly-Clark®

DESCRIPTIONS
(A) COVERALLS •Front zipper closure
(B) COVERALLS •Zipper Front, Hood, Elastic Wrists/Ankles:

SAS® BODY PROTECTION PRODUCTS

SAS/3440

DELUXE KNEE PADS
Soft foam lining and hard plastic overcaps
Part No. 7102.

KNEELING PAD
Lightweight foam rubber, comfortable and easy to use, excellent for periodic kneeling •15½"L x 7"W x 5/8"D, with built-in handle for easy gripping
Part No. 7100.

TYVEK® CHEMICAL HOOD
With elastic face opening, snap front
Part No. 6806.

SAS SAFETY CORP.®
When Protection Counts™

PAINTER'S GLOVES
•Nitrile/flock lined
Part No. 6532, pair, medium.
Part No. 6533, pair, large
Part No. 6534, pair, x-large

DELUXE PAINTER'S GLOVES
Nitrile/cotton lined
Part No. 6536, pair, medium.
Part No. 6537, pair, large.

DELUXE BODYMAN'S GLOVES
PVC/cotton lined, 14" gauntlet style
Part No. 6522, pair, medium.
Part No. 6523, pair, large.

PULLOVER BOOTS
Pair of rubber pullover boots, waterproof
Part No. 7112, pair, medium.
Part No. 7113, pair, large.
Part No. 7114, pair, x-large.
Part No. 7115, pair, xx-large.

GANDER BRANDS INC.

Welding Jackets & Cape Sleeves

Industrial heavy duty pearl cow split welding garments - underarm gussets for maximum mobility - Riveted, welted, and lockstitched seams for durability

FULLJACKET WITH FLAME RESISTANT CANVAS BACK
Part No. 40P-LGE, Size large
Part No. 40P-XLGE, Size x-large
Part No. 40P-XXLG, Size xx-large

FULLJACKET
Part No. 50P-LGE, Size large
Part No. 50P-XLGE, Size x-large
Part No. 50P-XXLG, Size xx-large

50P 40P

HALF JACKET
Part No. 51P-LGE, Size large
Part No. 51P-XLGE, Size x-large
Part No. 51P-XXLG, Size xx-large

QUARTER JACKET
Part No. 52P-LGE, Size large
Part No. 52P-XLGE, Size x-large
Part No. 52P-XXLG, Size xx-large

CAPE SLEEVE
Part No. 71P-LGE, Size large
Part No. 71P-XLGE, Size x-large

Bob Dale

Since 1949 Gander Brand®

Welding Aprons

Durable pearl cow split leather aprons - riveted and lockstitched seams for durability - heavy duty clips for attachments
Part No. 63, One piece bib style, 24" x 36"
Part No. 68, Split leg bib style, 24" x 36"
Part No. 65, One piece waist style, 24" x 32"
Part No. 64, Split leg waist style with extra front panel, 24" x 32"

63 65

68

Welding Accessories

LEATHER WELDING HELMET SWEATBAND
Foam padding for comfort - fits most welding helmets and hard hats
Part No. 85.

LEATHER ROD POCKET
Heavy duty triple layer, reinforced bottom - double seams are welted and riveted for durability - snap attachment
Part No. 683.

LEATHER SLEEVE, 24" LONG
With welted and lockstitched seams for durability
Part No. 73-24.

FLAME RESISTANT CANVAS SLEEVE, 24" LONG
With welted and lockstitched seams for durability
Part No. 84.

LEATHER WELDER SPATS - 6" HEIGHT
Heavy duty leather protects lower leg and boots from sparks, spatter, and slag - comes with hook and loop closures and elastic for attachment
Part No. SP-6.

LEATHER WELDER SPATS - 15" HEIGHT
Heavy duty leather protects lower leg and boots from sparks, spatter, and slag - comes with hook and loop closures and elastic for attachment
Part No. SP-15.

WELDING BLANKETS
Gander Brand 24 oz. fibreglass cloth blanket - provides heat, spark protection up to 1000°F/538°C - edges are hemmed to prevent from fraying
Part No. TF-66, 6 ft. x 6 ft.
Part No. TF-88, 8 ft. x 8 ft.

JARVIS

JAR/2574

Stormaster Rainwear

571 STORMASTER FIRE RETARDANT, PVC/POLY/PVC RAINSUIT

•0.45 mm •JACKET: corduroy collar, vented back, quality metal snaps on storm flap, under arm vents, two flap pockets •PANT: with double bib and heavy duty suspenders •DETACHABLE HOOD: with drawstring •ENTIRE SUIT is treated with flame retardant finish and all seams are double welded over stiching •Available in Yellow.

577 STORMASTER PVC/POLY/PVC RAINSUIT

•0.35 mm •JACKET: corduroy collar, vented back, quality metal snaps on storm flap, under arm vents, two flap pockets •PANT: bib style with fly and plastic snap, elastic suspender •DETACHABLE HOOD: with drawstring stiching •Available in Yellow.

578 STORMASTER FIRE RETARDANT, PVC/POLY/PVC RAINSUIT

•0.35 mm •JACKET: corduroy collar, vented back, quality metal snaps on storm flap, under arm vents, two flap pockets •PANT: with double bib and heavy duty suspenders •DETACHABLE HOOD: with drawstring •ENTIRE SUIT is treated with flame retardant finish and all seams are double welded over stiching •Available in Yellow.

580 STORMASTER FIRE RETARDANT, PVC/POLY/PVC RAINCOAT

•0.35 mm •COAT: corduroy collar, 48" length •DETACHABLE HOOD: with drawstring •COAT is treated with flame retardant finish and all seams are double welded over stiching •Available in Yellow.

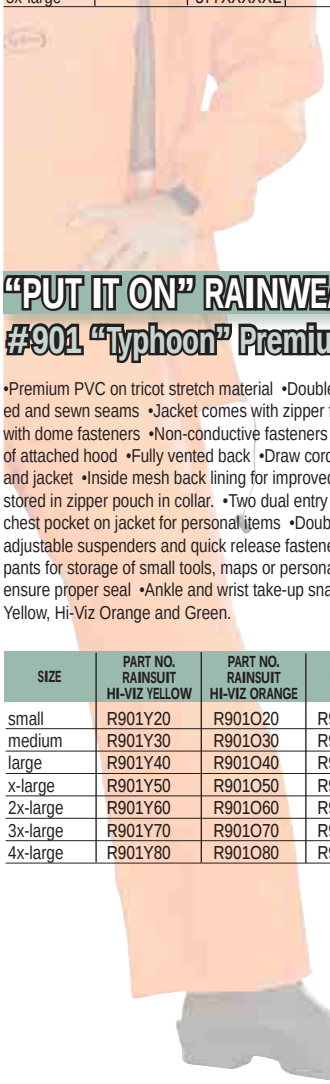
581 STORMASTER PVC/POLY/PVC RAINCOAT

•0.35 mm •COAT: corduroy collar, 48" length •DETACHABLE HOOD: with drawstring •Available in Yellow.

583 STORMASTER PVC/NYLON RAINSUIT

•JACKET: with hidden hood in zippered collar, front zipper with storm flap closing, 2 pockets with flap, vented back, plastic snaps at cuff •PANT: with elasticized waist, plastic snaps at ankle •Available in Forest Green.

SIZE	PART NO. 571 RAINSUIT YELLOW	PART NO. 577 RAINSUIT YELLOW	PART NO. 578 RAINSUIT YELLOW	PART NO. 580 RAINCOAT YELLOW	PART NO. 581 RAINCOAT YELLOW	PART NO. 583 RAINSUIT FOREST GREEN
small	-	577S	578FRS	-	581S	583S
medium	571M	577M	578FRM	580FRM	581M	583M
large	571L	577L	578FRL	580FRL	581L	583L
x-large	571XL	577XL	578FRXL	580FRXL	581XL	583XL
2x-large	571XXL	577XXL	578FRXXL	580FRXXL	581XXL	583XXL
3x-large	571XXXL	577XXXL	578FRXXXL	580FRXXXL	581XXXL	583XXXL
4x-large	-	577XXXXL	-	-	-	-
5x-large	-	577XXXXXL	-	-	-	-



"PUT IT ON" RAINWEAR

SFW/3990

#901 "Typhoon" Premium Rainwear

•Premium PVC on tricot stretch material •Double folded, ultrasonically welded and sewn seams •Jacket comes with zipper front and large storm flap with dome fasteners •Non-conductive fasteners •Zippered collar for storage of attached hood •Fully vented back •Draw cords with barrel locks on hood and jacket •Inside mesh back lining for improved ventilation. Attached hood stored in zipper pouch in collar. •Two dual entry pockets on jacket •Inside chest pocket on jacket for personal items •Double bib pants come with wide adjustable suspenders and quick release fasteners •Inside pocket on bib pants for storage of small tools, maps or personal items •Velcro wrist straps ensure proper seal •Ankle and wrist take-up snaps •Available in Hi-Viz Yellow, Hi-Viz Orange and Green.

SIZE	PART NO. RAINSUIT HI-VIZ YELLOW	PART NO. RAINSUIT HI-VIZ ORANGE	PART NO. RAINSUIT GREEN
small	R901Y20	R901O20	R901G20
medium	R901Y30	R901O30	R901G30
large	R901Y40	R901O40	R901G40
x-large	R901Y50	R901O50	R901G50
2x-large	R901Y60	R901O60	R901G60
3x-large	R901Y70	R901O70	R901G70
4x-large	R901Y80	R901O80	R901G80

Sizing information on page M68

"PUT IT ON" RAINWEAR

#880 "Vulcan" Rain Jacket & Pant

•50/50% polyester/cotton textile material; .45 mm thickness •Double lapped seam work with industrial adhesives and fully vulcanized for protection against most industrial chemicals •Jacket is designed with cape back vent for improved ventilation and storm flaps for protection against splashes •Hood is available separately for jacket •Double bib pants feature wide pant leg design for improved comfort and mobility •Ideal for mining, construction, forestry, and most heavy duty industrial applications involving abrasion and chemicals •Available in Black.

SIZE	PART NO. JACKET BLACK	PART NO. PANT BLACK
Small	R882K20	R883K20
Medium	R882K30	R883K30
Large	R882K40	R883K40
X-large	R882K50	R883K50
2x-large	R882K60	R883K60
3x-large	R882K70	R883K70
4x-large	R882K80	R883K80

Part No. R885K00, 880 Series Hood, black, one size fits all.

#801 "Hurricane" Rain Suit — Fire Retardant

•PVC coated polyester material provides maximum abrasion and tear resistance •0.45 mm material thickness •Flame retardancy meets and exceeds 2 second flame out CGSB standards C**/CGSB-155.20 •Oil resistant material and rainsuit design provides excellent protection against most chemical splashes •Taped, ultrasonically welded, sewn seams provide triple strength and maximum performance •Jacket specially designed without vents and pockets for chemical splash protection •Rustproof snaps on jacket are concealed within the material •Special hood design is non-detachable, complete with drawstrings and enough room to accommodate most hard hats •Inside pocket on bib pant for storage of small tools, maps, etc. •Wide leg design for generous fit over work boots and improved mobility •Double bib pants come with heavy duty quick release fasteners, wide adjustable suspenders and waist snaps for increased comfort •For applications in oil and gas, chemical refineries, mining, logging, forestry, fishing, and construction. •Available in Hi-Viz Yellow, Hi-Viz Orange and Green.

SIZE	PART NO. RAINSUIT HI-VIZ YELLOW	PART NO. RAINSUIT HI-VIZ ORANGE	PART NO. RAINSUIT GREEN
small	R801Y20	R801O20	R801G20
medium	R801Y30	R801O30	R801G30
large	R801Y40	R801O40	R801G40
x-large	R801Y50	R801O50	R801G50
2x-large	R801Y60	R801O60	R801G60
3x-large	R801Y70	R801O70	R801G70
4x-large	R801Y80	R801O80	R801G80

#701 "Storm" Rain Suit

•Durable lightweight nylon/PVC material •Jacket comes with zipper front, large storm flap, two pockets with Velcro closure •Front and back vents on jacket along with inner mesh back lining provide improved ventilation •Wide corduroy collar for increased comfort •Sleeve design provides maximum freedom of movement for long term comfort •Bib overall pants are designed with heavy duty quick release fasteners, adjustable suspenders and Velcro fly closure •Elasticized back on waist of pant for improved movement •Velcro and zipper leg closure for generous opening over work boots •A double lapped, taped, ultrasonically welded and sewn seams provide superior seam strength throughout the suit •Zippered hood with drawstrings also converts into storage pouch for rainsuit •For landscaping, agriculture, forestry, sporting events, camping, or other activities during nasty weather •*Available in Hi-Viz Yellow, Hi-Viz Orange and Green.*

SIZE	PART NO. RAINSUIT HI-VIZ YELLOW	PART NO. RAINSUIT HI-VIZ ORANGE	PART NO. RAINSUIT GREEN
small	R701Y20	R701O20	R701G20
medium	R701Y30	R701O30	R701G30
large	R701Y40	R701O40	R701G40
x-large	R701Y50	R701O50	R701G50
2x-large	R701Y60	R701O60	R701G60
3x-large	R701Y70	R701O70	R701G70
4x-large	R701Y80	R701O80	R701G80

"PUT IT ON" RAINWEAR & APRONS

#601 "Tornado" Rain Coat

•PVC/Polyester/PVC; .35 mm material thickness •48" long coat comes with storm flap, dome snaps, two patch pockets, corduroy collar and detachable hood •Cape back and underarm vents, cuff take-up snaps. Non-conductive fasteners and ultrasonically welded seams •A popular choice for superior performance at a reasonable price •Ideal for school crossing guards, security personnel or management personnel visiting a construction site •Available in Hi-Viz Yellow.

SIZE	PART NO. COAT HI-VIZ YELLOW
Small	R601Y20
Medium	R601Y30
Large	R601Y40
X-large	R601Y50
2x-large	R601Y60
3x-large	R601Y70
4x-large	R601Y80

General Industrial PVC Apron

Ideal choice for industrial applications and long-term wear. PVC/polyester/PVC material in .35 mm thickness. Bib style 36" x 48" apron. No seams to trap bacteria and dirt. Heat sealed grommets with cotton ties. Yellow.
Part No. 440060.

Neoprene Apron

Suitable for heavy duty industrial applications and extreme abrasive environments. Neoprene/nylon material in .35 mm thickness. Bib style 36" x 48" apron. No seams to trap bacteria and dirt. Yellow.
Part No. 440090.

Nitrile Apron

Suitable for heavy duty industrial applications and extreme abrasive environments. Nitrile coated nylon in .48 mm thickness. Bib style 36" x 48" apron with sewn seams. Black.
Part No. 440100.

RANPRO

"Contractor" Series Rain Jacket, Pant & Coverall — Flame Retardant

•"Contractor" high visibility foul weather gear is designed for a variety of industrial applications •The rugged, watertight construction offers the safety and protection of more expensive rainwear •Comfortable and roomy, this long wearing suit comes in distinctive Hi-Viz contractor orange with reflective patches to ensure workers will be seen day or night •PVC on polyester gives excellent flexibility and tear resistance •High pressure welded seams ensure a tear-proof, water tight seal •Jacket has durable snap front closure and stand up collar to attach hood, full 30" length •One piece coveralls with zipper front •Flame resistant, recommended for "Momentary protection from open flame" (CGSB 155.20.Par 7.1.1) •Jacket features: Durable Delrin snap front closure. Stand up collar with Delrin snaps to attach hood. Full 30" length •Pant features: Single front bib. Elastic suspenders with nylon slides •Coveralls feature: One piece suit with zipper front •Available in Hi-Viz Orange.

SIZE	PART NO. JACKET HI-VIZ ORANGE	PART NO. PANT HI-VIZ ORANGE	PART NO. COVERALL HI-VIZ ORANGE
small	J15-300-S	P15-030-S	CV115-105-S
medium	J15-300-M	P15-030-M	CV115-105-M
large	J15-300-L	P15-030-L	CV115-105-L
x-large	J15-300-XL	P15-030-XL	CV115-105-XL
2x-large	J15-300-XXL	P15-030-XXL	CV115-105-XXL
3x-large	J15-300-XXXL	P15-030-XXXL	CV115-105-XXXL

HOOD - Attaches to jacket and coverall. Fits over hard hat. Drawstring. One size.
Part No. H15-501.

Sizing information on page M68

"Rainshield" Series Rain Jacket & Pant

•"Rainshield" waterproof outerwear is tough, durable and most importantly, watertight •Constructed with 10 oz/yd2 fabric weight •Tough, tear resistant double coated PVC on nylon •Seams are electronically welded to remain watertight •Anti-fungal, anti-mildew, high tear and high abrasion resistant •Jacket features: Roomy raglan sleeves for added comfort. Stand-up collar protects back of neck. Collar with plastic snaps to attach hood. Metal snap front closure. Interior PVC coating sheds water. Roomy cut to fit over work clothes •Pant features: Single bib design. Adjustable elastic suspenders with nylon slides provide support with comfort. Adjustable spreader bar at back. Double thickness bib top for durability. Roomy legs to easily put on boots •*Available in Safety Yellow.*

SIZE	PART NO. JACKET SAFETY YELLOW	PART NO. PANT SAFETY YELLOW
small	J24-280-S	P24-028-S
medium	J24-280-M	P24-028-M
large	J24-280-L	P24-028-L
x-large	J24-280-XL	P24-028-XL
2x-large	J24-280-XXL	P24-028-XXL
3x-large	J24-280-XXXL	P24-028-XXXL

HOOD - Hood with plastic snaps. Fits over hard hat. Drawstring. One size.
Part No. H24-501.

"Sprite™" Series Rain Suit

•PVC on polyester •Good tear and snag resistance •Extremely lightweight and comfortable •Remains flexible in cold conditions •Permanently welded seams •Generous styling fits over work clothes •Inexpensive rainwear for agricultural use, yard crews, maintenance and construction •Jacket features: 30" length. Roomy raglan sleeves for ease of movement. Stand-up collar lined with corduroy for comfort. Snaps on collar to attach hood. Plastic snap front •Inner storm flap. Two front flap pockets. Underarm vent holes. Adjustable snap cuffs •Pant features: Single bib design. Adjustable elastic suspenders with nylon slides provide support with comfort. Permanently welded suspender support on inside of bib. Adjustable snaps at waist for best fit. Fly front with snap. Adjustable snap cuffs. Roomy legs to easily put on boots •Hood features: Designed to easily fit over a hard hat. Attaches to jacket with plastic snaps. Drawstring for best fit •Available in Safety Yellow.

SIZE	PART NO. SUIT SAFETY YELLOW
small	R-22-S
medium	R-22-M
large	R-22-L
x-large	R-22-XL
2x-large	R-22-XXL
3x-large	R-22-XXXL

Heavy Duty PVC/Polyester Oil Resistant Rainwear

•100% waterproof, windproof and machine washable •PVC/polyester material treated for flexibility and motor/fish oil resistance •Resistant to effects of sunlight and seawater •Generous sizing for working comfort •Durable double welded seams •Heavy duty chrome plated brass snaps
JACKET •Double snap system on placket for extra rain and wind protection •Cotton corduroy collar for comfort •Multi-vented for breathability
PANTS •Heavy duty suspenders •Zip storage pocket and pen holder slot behind bib •Adjustable waist panel •Double bib reversible design

SIZE	PART NO. COAT GREEN	PART NO. COAT YELLOW	PART NO. BIB PANT GREEN	PART NO. BIB PANT YELLOW
x- small	4110J-XS	—	4110P-XS	—
small	4110J-S	5110J-S	4110P-S	5110P-S
medium	4110J-M	5110J-M	4110P-M	5110P-M
large	4110J-L	5110J-L	4110P-L	5110P-L
x-large	4110J-XL	5110J-XL	4110P-XL	5110P-XL
2x-large	4110J-2XL	5110J-2XL	4110P-2XL	5110P-2XL
3x-large	4110J-3XL	5110J-3XL	4110P-3XL	5110P-3XL
4x-large	4110J-4XL	—	4110P-4XL	—
5x-large	4110J-5XL	—	4110P-5XL	—

Part No. 4112, Hood for 4110J.
Part No. 5112, Hood for 5110J.

"Flame Resistance" Heavy Duty PVC/Polyester Oil Resistant Rainwear

•100% waterproof and windproof •Fabric meets flame resistance criteria specified •Electro shock resistant nylon snaps •PVC/polyester material treated for flexibility and motor/fish oil resistance •Durable double welded seams
JACKET •Double snap system on placket for extra rain and wind protection •Cotton corduroy collar for comfort •Multi-vented for breathability
PANTS •Heavy duty suspenders •Zip storage pocket and pen holder slot behind bib •Adjustable waist panel •Double bib reversible design

SIZE	PART NO. JACKET YELLOW	PART NO. PANT YELLOW
small	9210J-S	9210P-S
medium	9210J-M	9210P-M
large	9210J-L	9210P-L
x-large	9210J-XL	9210P-XL
2x-large	9210J-2XL	9210P-2XL
3x-large	9210J-3XL	9210P-3XL

Part No. 9212, Hood for 9210J.

420 Denier Ripstop Nylon/PVC Safety Reflective Stripe Rainwear

•100% waterproof, windproof and machine washable •Reflective safety stripes meet WCB standards for placement and size •420 Denier Ripstop Nylon material gives superior abrasion, puncture, rip and snag resistance •Premium material is flexible even in sub-zero conditions •Double sewn taped and heat sealed seams •Generous sizing for working comfort and ventilation •Heavy duty brass snaps
JACKET •Fully adjustable cuffs •Two zippered outside pockets and two internal pockets •Multi-vented front and back with full yoke mesh lining for breathability •Fully lined sleeves for comfort
PANTS •Removable bib system allows conversion to waist pant format •Waist snap and fly access •Adjustable cuffs

SIZE	PART NO. JACKET ORANGE	PART NO. PANT ORANGE
small	3010J-S	3010P-S
medium	3010J-M	3010P-M
large	3010J-L	3010P-L
x-large	3010J-XL	3010P-XL
2x-large	3010J-2XL	3010P-2XL
3x-large	3010J-3XL	3010P-3XL
4x-large	3010J-4XL	3010P-4XL

Part No. 3010H, Hood for 3010J.

420 Denier Ripstop Nylon Rainwear

•Waterproof, windproof and machine washable •All seams taped and heat sealed •JACKET & PANTS ARE FULLY LINED
JACKET •Premium heavy duty 420 Denier nylon •Large vents front and back and full mesh lining •Fleece lined collar for comfort •Left chest cell phone storage pocket •Designed for rough/abrasive work and recreational activities •Generous sizing for working mobility •Durable chrome plated brass snaps •Lined detachable three piece fitted hood •3 lined zippered storage pockets •Safety reflective piping in front and back •Extra large storm flap and collar for wind protection
PANTS •Fully lined for comfort •15" boot access zippers •Deluxe heavy duty suspenders •Detachable bib allows conversion to waist pants •Velcro leg adjustors •Fly access

SIZE	PART NO. JACKET GREEN	PART NO. PANT GREEN
small	3305J-S	3305P-S
medium	3305J-M	3305P-M
large	3305J-L	3305P-L
x-large	3305J-XL	3305P-XL
2x-large	3305J-2XL	3305P-2XL
3x-large	3305J-3XL	3305P-3XL
4x-large	3305J-4XL	3305P-4XL

VIKING® "Brave The Elements"®

Sizing information on page M68

Chill-Its® Temperature Control Products

Chill-Its® features: •Lightweight, comfortable cotton construction •Super absorbent acrylic polymers •Activates easily and quickly when soaked in cold water 20 to 30 minutes •Remains hydrated for 24 to 48 hours •Reusable, just re-soak •Delivers cool comfort right where you need it most

Absorptive Wrist Sweatband

•Thick, absorbent cotton terry keeps perspiration away from hands for safer grips •Elastic maintains snug fit •Machine washable for long wear •One size fits most
Part No. 6500-BLK, Black.
Part No. 6500-NAVY, Navy.

Absorptive Head Sweatband

•Thick, absorbent cotton terry keeps perspiration away from eyes and face •Elastic maintains snug fit •Machine washable for long wear •One size fits most
Part No. 6550-BLK, Black.
Part No. 6550-NAVY, Navy.

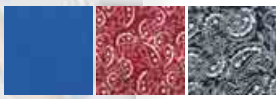
Cooling Bandana/Headband

•Provides cooling where you need it most •Tie closure or hook and loop closure
Tie Closure
Part No. 6700-RED, Red western.
Part No. 6700-NAVY, Navy western.
Part No. 6700-BLUE, Solid blue.

Hook & Loop Closure
Part No. 6705-RED, Red western.
Part No. 6705-NAVY, Navy western.
Part No. 6705-BLUE, Solid blue.

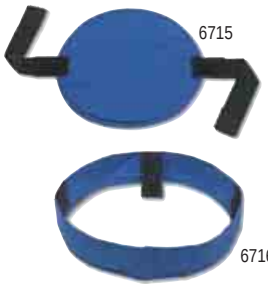
Triangle Hat

•Fully covers the head for complete cooling
Part No. 6710-RED, Red western.
Part No. 6710-NAVY, Navy western.



Hard Hat Pads/Liners

•Conveniently attaches to hard hat suspension headband •Reversible •Solid blue
Part No. 6715, Hard hat pad.
Part No. 6716, Hard hat liner.



Part No. 6717, Hard hat pad with neck shade protects against harmful UV rays.

Phase Change Series Cooling Vests

•Maintains constant 13°C/55°F •Cooling lifecycle lasts up to two to four hours — re-energizes in minutes •Flame resistant BANOX FR3 fabric •Comfortable cotton construction •Non-toxic, non-carcinogenic, dielectric substance •Adjustable hook and loop closure •Fabric carrier washable in mild soap; line dry •Available as complete vest with charge packs; vest only; or chargepack only •Tan colour
Part No. 6100, Cooling vest with chargepack, S/M.
Part No. 6200, Cooling vest with chargepack, L/XL.
Part No. 6101, Chargepack, S/M.
Part No. 6201, Chargepack, L/XL.
Part No. 6102, Vest only, S/M.
Part No. 6202, Vest only, L/XL.

Worksmart® Hydration Packs

Staying hydrated on the job is essential for health and productivity. These hydration packs offer 70 oz. of water on demand which provides 3 hours of refreshment. Refilling is easy and fast as turning the dial. Standard or low profile to choose from.

HYDRATION PACK

•Closed cell insulation and insulated bite valve (mouthpiece) •Padded, adjustable straps •600D nylon •Two 9" outside pockets •70 oz. H2O capacity •350 ci. total cargo capacity •Red
Part No. GB5050.

LOW PROFILE HYDRATION PACK

•Closed cell insulation and insulated bite valve (mouthpiece) •Adjustable shoulder and chest straps •420D nylon •70 oz. H2O capacity •Black
Part No. GB5155.

REPLACEMENT PARTS

Part No. GB5050B, Replacement bladder.
Part No. GB5050M, Replacement bite valve (mouthpiece).

Work Gear — Chill-Its® Winter Hard Hat Liners

Hi-tech fabrics and superior features provide reliable warmth from ear-to-ear. Not only that, a reflective safety stripe delivers a potentially lifesaving dose of visibility for nighttime assignments. Best of all, most liners have a spot next to the ears to hold warming packs.

STRETCH TUBE

•Half cap style •Single wash FR treated •100% polyester knit
Part No. 6810.

STRETCH TUBE FULL FACE

•Full face style •Single wash FR treated •100% polyester knit
Part No. 6815.

STRETCH CAP

•Cap style •Single wash FR treated •100% polyester knit
Part No. 6817.

BALACLAVA

•Long length •Single wash FR treated •Polyester fleece
Part No. 6821.

1-LAYER HARD HAT LINER

•Regular length •100% cotton flannel •Single wash FR treated •Elastic gap control •Hook and loop chin wrap •Warming pack pockets •Reflective stripe and suspension ties
Part No. 6805.

6805

2-LAYER HARD HAT LINER & REMOVABLE MOUTHPIECE

•Shell: 100% cotton twill •Lining: 100% poly fleece •NOMEX thread •FR treated — Banox FR3 •Hook and loop chin wrap •Elastic gap control •Warming pack pockets •Reflective stripe and suspension ties •Regular length or shoulder length available
Part No. 6860, Regular length.
Part No. 6862, Shoulder length.

6860

6862

REMOVABLE MOUTHPIECE •Use with 2-layer series hard hat liners •Shell: 100% cotton twill •Lining: 100% poly fleece •Single wash FR treated •Hook and loop
Part No. 6870.

6870

3-LAYER HARD HAT LINER & REMOVABLE MOUTHPIECE

•Shell: 100% quilted nylon •Mid-Layer: foam •Lining: 100% poly sherpa •Single wash FR treated •Chin wrap •Elastic gap control •Warming pack pockets •Reflective stripe and suspension ties •Regular length or shoulder length available
Part No. 6950, Regular length.
Part No. 6952, Shoulder length.

6950

6952

JARVIS
Balaclava & Winter Hard Hat Liners

BALACLAVA
One size fits all. Excellent neck and face protection under severe weather conditions. 100% acrylic.
Part No. 560, 1 hole (heart shaped).
Part No. 560-2, 3 hole.

WINDGUARD
Sock type liner, fits over hard hat shell. Completely seals off wind and cold from the crown. 100% acrylic.
Part No. 561, blue.

STORMMASTER
Hard hat liners, 100% cotton outer shell, quilted inner flannel lining. Fire resistant and completely dielectric.
Part No. 564, Hard hat liner - basic
Part No. 565, Long hard hat liner with mouthpiece.
Part No. 566, Hard hat liner with mouthpiece.

564

565

Lined Nomex IIIA Hard Hat Liner

Fire retardant treated. Royal.
Part No. NL-HHL.

MMM/1025

GANKA/BAMA INSOLES

Blue Felt Insole
— Moccasin Cut

51% wool and 32% polypropylene, 17% unknown, this felt liner is used for moisture absorption.

Part No. 02-M-611-6, size 6
Part No. 02-M-611-7, size 7
Part No. 02-M-611-8, size 8
Part No. 02-M-611-9, size 9
Part No. 02-M-611-10, size 10
Part No. 02-M-611-11, size 11
Part No. 02-M-611-12, size 12
Part No. 02-M-611-13, size 13

Grey Felt Insole
— Moccasin Cut

5/16" grey felt with a latex interior. This insole is comprised of two exterior layers of grey felt with a foam centre, and is excellent for moisture absorption.

Part No. 02-M-711-6, size 6
Part No. 02-M-711-7, size 7
Part No. 02-M-711-8, size 8
Part No. 02-M-711-9, size 9
Part No. 02-M-711-10, size 10
Part No. 02-M-711-11, size 11
Part No. 02-M-711-12, size 12
Part No. 02-M-711-13, size 13

Blue Felt Radiantex Insole
— Moccasin Cut & Profile Cut

Insole which incorporates a blue felt Radiantex for added insulation and protection against moisture.

PART NO. MOCASSIN	SIZE	PART NO. PROFILE
02-M-411-6	6	02-P-411-6
02-M-411-7	7	02-P-411-7
02-M-411-8	8	02-P-411-8
02-M-411-9	9	02-P-411-9
02-M-411-10	10	02-P-411-10
02-M-411-11	11	02-P-411-11
02-M-411-12	12	02-P-411-12
02-M-411-13	13	02-P-411-13

Bama Rubber Boot Insole

The ultimate in rubber boot insoles. This "air conditioning" system for boots employs a two layer system designed to protect your feet — keeping them dry and warm in rubber boots. The inner layer is constructed of an acrylic fleece for added insulation — the outer layer is a reinforced cotton fabric to absorb foot moisture. These washable insoles are of a sock form and have an elastic entry ensuring a firm hold in the boot, and preventing their removal.

Part No. 84-305-4/5, size 4/5
Part No. 84-305-6/7, size 6/7
Part No. 84-305-8/9, size 8/9
Part No. 84-305-10/11, size 10/11
Part No. 84-305-12/13, size 12/13

Insoles perfect for every application from rubber boots to adding additional thermo protection for your work boots. Moccasin Cut is excellent for all rubber boots and winter boots, while the Profile Cut is contoured to fit leather work boots.

DURAY WORK SOCKS

MMM/2637

Original Work Sock

Two-ply twisted yarn knit made of 50% wool, 25% acrylic, 20% nylon, and 5% other fibres provide excellent comfort and durability. Package of 3 pairs.
Colour: Grey Heather
Part No. 172-CST, size 8 - 10
Part No. 169-C, size 10½ - 11½
Part No. 167-C, size 12 - 14

Colour: Denim and Black
Part No. 198-C, size 10½ - 11½

Original Light Work Sock

Lighter, more economical version of the Original except made with super-stretch material made primarily of 50% wool, 25% nylon, 14% acrylic, 2% spandex, and 9% other fibres. Package of 2 pairs.
Colour: Natural Grey.
Part No. 174-BST, size 10 - 13

Thermal Work Sock

Full terry-cushioned thermal sock made of 60% pure wool, 40% stretch nylon and the super-wash treatment preventing shrinkage. Package of 1 pair.
Part No. 1248, size 8 - 10, dark blue
Part No. 1250, size 10 - 13, natural grey
Part No. 1264, size 10 - 13, black

100% Pure Wool Work Sock

100% pure new wool work sock constructed of soft wool. Package of 1 pair.
Colour: Natural Grey.
Part No. 154, size 10
Part No. 150, size 11

DURAY

NATIONAL SHOE SPECIALTIES LTD.

MMM/2914

Shoe Care Accessories

SILICONE WATER-GUARD
•Sno-Seal Product •Heavy duty water repellent •300 g aerosol
Part No. 3SWG12.

SNO-SEAL
•The original BEES WAX waterproofing for leather
Part No. 3SS8, 200 g jar.
Part No. 3SST, 100 g tube.
Part No. 3SSPP, 14 g pillow pack.

SILICONE GUARD
•Silicone based formula provides water and stain resistance. For heavy duty silicone tanned leather •115 ml
Part No. 140008.

CAMP GUARD - HEAVY DUTY WATER REPELLENT
•Contains 13% silicone for longer lasting, breathable protection •Repels water and stains •Great for camping, outdoor gear, apparel and footwear •340 g
Part No. 178001.

DUBBIN - HEAVY DUTY PROTECTION
•Repels water and helps to prevent stains •Condition and softens •78 g
Part No. 190003.

MINK OIL & MINK OIL CREAM
•Pure mink oil protection repels water and helps to prevent stains
•Conditions and softens
Part No. 195008, Oil, 76 g.
Part No. 181001, Cream, 100 ml.

SYNERGY - SOFT STRIKE INSOLES
•Provides maximum comfort and full body protection while enhancing your body's natural shock absorbing capabilities
•Superior protection from the shock associated with heel strike
•Ideal for casual shoes, athletic wear, work shoes and boots
•Antimicrobial insole cover helps eliminate odour and friction
•Comfort shape and fit ensures proper position in shoe
Part No. 3MSS1M-7, mens size 7.
Part No. 3MSS1M-8, mens size 8.
Part No. 3MSS1M-9, mens size 9.
Part No. 3MSS1M-10, mens size 10.
Part No. 3MSS1M-11, mens size 11.
Part No. 3MSS1M-12, mens size 12.
Part No. 3MSS1M-13, mens size 13.

TANA - WORK & OUTDOOR GEL INSOLE
•High impact absorption in heel and ball of foot areas for added cushioning and comfort •Specially designed moisture control system to wick away any moisture
•Flexible arch support for added comfort •Excellent for all types of boots
Part No. 468300, mens size 8-9.
Part No. 468317, mens size 10-13.

NATIONAL SHOE SPECIALTIES LTD.

Heavy Round Laces – 5 mm (3/16")

•Poly bag with hang tab

4 COLOUR
Part No. 316884COL-42, 42" laces.
Part No. 316884COL-48, 48" laces.
Part No. 316884COL-54, 54" laces.
Part No. 316884COL-63, 63" laces.
Part No. 316884COL-72, 72" laces.

BLACK/BROWN
Part No. 31688BLK/BRN-42, 42" laces.
Part No. 31688BLK/BRN-48, 48" laces.
Part No. 31688BLK/BRN-54, 54" laces.
Part No. 31688BLK/BRN-63, 63" laces.
Part No. 31688BLK/BRN-72, 72" laces.

BROWN
Part No. 31688BRN-24, 24" laces.
Part No. 31688BRN-42, 42" laces.
Part No. 31688BRN-48, 48" laces.
Part No. 31688BRN-54, 54" laces.
Part No. 31688BRN-63, 63" laces.
Part No. 31688BRN-72, 72" laces.

BEIGE
Part No. 31688BGE-42, 42" laces.
Part No. 31688BGE-48, 48" laces.
Part No. 31688BGE-54, 54" laces.
Part No. 31688BGE-63, 63" laces.
Part No. 31688BGE-72, 72" laces.

BLACK
Part No. 31688BLK-24, 24" laces.
Part No. 31688BLK-42, 42" laces.
Part No. 31688BLK-48, 48" laces.
Part No. 31688BLK-54, 54" laces.
Part No. 31688BLK-63, 63" laces.
Part No. 31688BLK-72, 72" laces.

YELLOW/TAN
Part No. 31688YEL/TAN-42, 42" laces.
Part No. 31688YEL/TAN-48, 48" laces.
Part No. 31688YEL/TAN-54, 54" laces.
Part No. 31688YEL/TAN-63, 63" laces.
Part No. 31688YEL/TAN-72, 72" laces.

Hockey Flat Laces – 9 mm (3/8")

BLACK/BLUE LINE
Part No. 35518BLK-63, 63" laces.
Part No. 35518BLK-72, 72" laces.
Part No. 35518BLK-84, 84" laces.
Part No. 35518BLK-96, 96" laces.
Part No. 35518BLK-108, 108" laces.
Part No. 35518BLK-120, 120" laces.

WHITE/BLACK LINE
Part No. 34418WHT-63, 63" laces.
Part No. 34418WHT-72, 72" laces.
Part No. 34418WHT-84, 84" laces.
Part No. 34418WHT-96, 96" laces.
Part No. 34418WHT-108, 108" laces.
Part No. 34418WHT-120, 120" laces.

Flat Leather Laces

Part No. 3LL72BBRN, 72" brown laces.
Part No. 3LL72BBLK, 72" black laces.

AIR ACTIVATED WARMERS

•Keeping hands, feet, or your body warm in cool or cold weather is always a concern of the avid outdoorsman. Hothands® provide you warmth and freedom to endure cold climate situations. This product is used by professional athletes, outdoor sportsmen, spectators, skiers, construction workers, and by those who want safe, convenient, concentrated warmth. Hothands® are made of natural materials including iron powder, water, salt, activated charcoal and vermiculite. Each warmer is sealed in a specially designed outer package. Once removed from this package exposure to air activates the ingredients and the warmer begins to build heat.

Hothands-2 Hand Warmers

Compact 2.25" x 4" warmer designed for gloves and mittens and lasts up to 10 hours.
Part No. 16990, twin pack.

Toasti Toes® Foot Warmer With Adhesive

For the active outdoorsman who will be walking or moving while outdoors. This foot warmer works great. It lasts up to 5 hours and has adhesive on one side that sticks to the bottom of your socks.
Part No. 16992, one pair/pkg.

TJ. SAMSON SAFETY FOOTWEAR

Quest 8" Bumper Boot

•Full grain buffalo leather •Breathable lining •Thermolite® insulation •Dual density direct injection polyurethane sole •TPU toe bumper •Steel toe and plate •CSA approved
•Colour: Black Smooth

PART NO.	SIZE
D6821-7	7
D6821-7.5	7½
D6821-8	8
D6821-8.5	8½
D6821-9	9
D6821-9.5	9½
D6821-10	10
D6821-10.5	10½
D6821-11	11
D6821-12	12
D6821-13	13
D6821-14	14

Quest 8" Bumper Boot

•Full grain buffalo leather •Breathable lining •Thermolite® insulation •Dual density direct injection polyurethane sole •TPU toe bumper •Steel toe and plate •CSA approved
•Colour: Brown Nubuck

PART NO.	SIZE
D6864-7	7
D6864-7.5	7½
D6864-8	8
D6864-8.5	8½
D6864-9	9
D6864-9.5	9½
D6864-10	10
D6864-10.5	10½
D6864-11	11
D6864-12	12
D6864-13	13
D6864-14	14

Torque 6" Bumper Boot

•Full grain buffalo leather •Breathable lining •Thermolite® insulation •Dual density direct injection polyurethane sole •TPU toe bumper •Steel toe and plate •CSA approved
•Colour: Brown Nubuck

PART NO.	SIZE
D6664-7	7
D6664-7.5	7½
D6664-8	8
D6664-8.5	8½
D6664-9	9
D6664-9.5	9½
D6664-10	10
D6664-10.5	10½
D6664-11	11
D6664-12	12
D6664-13	13
D6664-14	14

SOREL™ SAFETY FOOTWEAR

Brisco™ Low Cut Hiker

Upper Features: •Nubuck, suede and mesh upper •Padded collar and tongue •Rubber heel overlay •Nubuck toe overlay •Gussetted tongue •Double lined at heel •Colour: Khaki and Charcoal

Outsole Features: •Sorel cage outsole design provides torsional rigidity •Oil resistant rubber outsole skin with multi directional tread pattern •Lightweight EVA midsole provides cushioning comfort •CSA Grade 1 steel toe cap and plate •Electric shock resistant •CSA approved

KHAKI PART NO.	SIZE	CHARCOAL PART NO.
LM8249-263-7	7	—
LM8249-263-8	8	LM8249-030-8
LM8249-263-8.5	8½	LM8249-030-8.5
LM8249-263-9	9	LM8249-030-9
LM8249-263-9.5	9½	LM8249-030-9.5
LM8249-263-10	10	LM8249-030-10
LM8249-263-10.5	10½	LM8249-030-10.5
LM8249-263-11	11	LM8249-030-11
LM8249-263-11.5	11½	LM8249-030-11.5
LM8249-263-12	12	LM8249-030-12
LM8249-263-13	13	LM8249-030-13

Chase™ Mid Cut Hiker

Upper Features: •Nubuck, suede and mesh upper •Removable EVA footbed with Poron® inserts •Heel and toe bumpers •Padded collar and tongue •Double lined at heel •Gussetted tongue •Colour: Taupe

Outsole Features: •Sorel cage outsole design provides torsional rigidity •Oil resistant rubber outsole skin with multi directional tread pattern •Lightweight EVA midsole provides cushioning comfort •CSA Grade 1 steel toe cap and plate •Electric shock resistant •CSA approved

PART NO.	SIZE
LM8725-7	7
LM8725-8	8
LM8725-8.5	8½
LM8725-9	9
LM8725-9.5	9½
LM8725-10	10
LM8725-10.5	10½
LM8725-11	11
LM8725-11.5	11½
LM8725-12	12
LM8725-13	13

Foreman™ II Oxford

Upper Features: •Rugged full grain leather •Removable EVA and memory foam comfort footbed •Moisture wicking lining

Outsole Features: •Polyurethane outsole with Opanka construction for increased comfort and flexibility •CSA Grade 1 steel toe cap and plate •Electric shock resistant •CSA approved •Colours: Black and Brown

BLACK		BROWN
PART NO.	SIZE	PART NO.
LM8248-010-7	7	LM8248-200-7
LM8248-010-7.5	7½	LM8248-200-7.5
LM8248-010-8	8	LM8248-200-8
LM8248-010-8.5	8½	LM8248-200-8.5
LM8248-010-9	9	LM8248-200-9
LM8248-010-9.5	9½	LM8248-200-9.5
LM8248-010-10	10	LM8248-200-10
LM8248-010-10.5	10½	LM8248-200-10.5
LM8248-010-11	11	LM8248-200-11
LM8248-010-11.5	11½	LM8248-200-11.5
LM8248-010-12	12	LM8248-200-12
LM8248-010-13	13	LM8248-200-13
LM8248-010-14	14	LM8248-200-14

Dryden™ Work Boot

Upper Features: •8" full grain leather •Removable EVA insole with Poron inserts •Waterproof/breathable membrane construction •Padded collar and tongue •Rustproof eyelets and D-rings •Moisture wicking lining •200 gm Thinsulate •Colours: Black & Dark Brown

Outsole Features: •Oil resistant rubber outsole •Dual density injected PU midsole •Lighweight, shock absorbing, slip resistant •Electric shock resistant (ESR) •CSA Grade 1 steel toe cap •CSA Grade 1 steel plate

BLACK		DARK BROWN
PART NO.	SIZE	PART NO.
LM8334-010-7	7	LM8334-202-7
LM8334-010-8	8	LM8334-202-8
LM8334-010-8.5	8½	LM8334-202-8.5
LM8334-010-9	9	LM8334-202-9
LM8334-010-9.5	9½	LM8334-202-9.5
LM8334-010-10	10	LM8334-202-10
LM8334-010-10.5	10½	LM8334-202-10.5
LM8334-010-11	11	LM8334-202-11
LM8334-010-12	12	LM8334-202-12
LM8334-010-13	13	LM8334-202-13
LM8334-010-14	14	LM8334-202-14

Dredge™ Work Boot

Upper Features: •6" full grain leather •Removable EVA insole with Poron inserts •Waterproof/breathable membrane construction •Padded collar and tongue •Rustproof eyelets and D-rings •Moisture wicking lining •Colours: Black & Dark Brown

Outsole Features: •Oil resistant rubber outsole •Dual density injected PU midsole •Lighweight, shock absorbing, slip resistant •Electric shock resistant (ESR) •CSA Grade 1 steel toe cap •CSA Grade 1 steel plate

BLACK		DARK BROWN
PART NO.	SIZE	PART NO.
LM8733-010-7	7	LM8733-202-7
LM8733-010-8	8	LM8733-202-8
LM8733-010-8.5	8½	LM8733-202-8.5
LM8733-010-9	9	LM8733-202-9
LM8733-010-9.5	9½	LM8733-202-9.5
LM8733-010-10	10	LM8733-202-10
LM8733-010-10.5	10½	LM8733-202-10.5
LM8733-010-11	11	LM8733-202-11
LM8733-010-12	12	LM8733-202-12
LM8733-010-13	13	LM8733-202-13
LM8733-010-14	14	LM8733-202-14

KODIAK SAFETY FOOTWEAR

KOD/2607

KODE 3 – 8" Donley Work Boot

•Features: Rockfibre™ Toe Plate •Buffalo leather upper, sealed seams •Injected toe guard •200 gms Thinsulate®, Cambrelle® lining •Polyurethane insole •Polyurethane mid-sole, TPU outsole, rubber outsole inserts •METAL FREE •CSA approved, Grade 1, ESR •Colour: Black

PART NO.	SIZE
310035-7	7
310035-7.5	7½
310035-8	8
310035-8.5	8½
310035-9	9
310035-9.5	9½
310035-10	10
310035-10.5	10½
310035-11	11
310035-12	12
310035-13	13
310035-14	14
310035-15	15

Pro Worker – 8" Work Boot

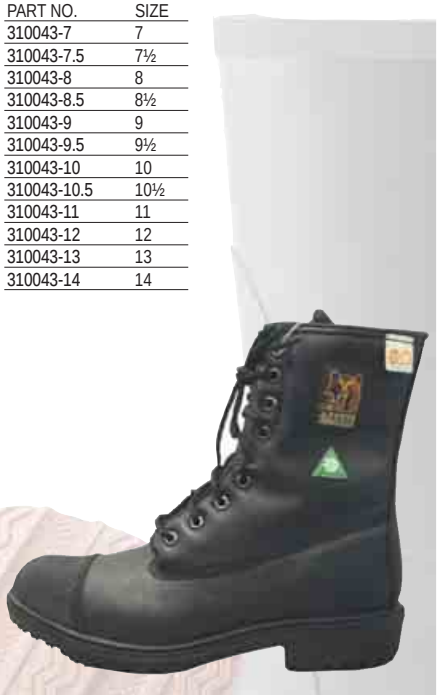
•Features: Steel Toe/ Steel Plate •Water resistant buffalo leather upper, latex sealed seams •Cordura® full bellows tongue •200 gms Thinsulate® Cambrelle® lining •Anatomically contoured insole •Dual density polyurethane midsole, and outsole (Sole design developed by the CSAO). •CSA approved Grade 1, ESR •Colour: Tan

PART NO.	SIZE
310039-7	7
310039-7.5	7½
310039-8	8
310039-8.5	8½
310039-9	9
310039-9.5	9½
310039-10	10
310039-10.5	10½
310039-11	11
310039-12	12
310039-13	13
310039-14	14

Pro Toe – 8" Work Boot

•Features: Steel Toe/ Steel Plate •Water resistant buffalo leather upper, latex sealed seams •Vibram rubber toe guard •Cordura® full bellows tongue •Anatomically contoured insole •Dual density polyurethane midsole, and outsole (Sole design developed by the CSAO). •CSA approved Grade 1, ESR •Colour: Black

PART NO.	SIZE
310043-7	7
310043-7.5	7½
310043-8	8
310043-8.5	8½
310043-9	9
310043-9.5	9½
310043-10	10
310043-10.5	10½
310043-11	11
310043-12	12
310043-13	13
310043-14	14



BAFFIN FOOTWEAR

BAF/1305

Utility Rubber Boot

•Men's 12" plain toe, rubber utility boot •Recommended applications: Agriculture, light construction work •Colour: Black

PART NO.	SIZE
8402-7	7
8402-8	8
8402-9	9
8402-10	10
8402-11	11
8402-12	12
8402-13	13

Express Rubber Boot

•15" boot with PVC construction •Plain toe •Self-cleaning high traction sole •Recommended for general industrial use •Colour: Black

PART NO.	SIZE
8055-7	7
8055-8	8
8055-9	9
8055-10	10
8055-11	11
8055-12	12
8055-13	13

Petrolia Rubber Boot

•15" high quality boot •Ultraflex oil and acid resistant compound •Steel toe and plate •Self-cleaning high traction sole •Recommended for any heavy duty use where chemical resistance is needed •CSA/ANSI approved •Colour: Black with Green Sole

PART NO.	SIZE
8019-7	7
8019-8	8
8019-9	9
8019-10	10
8019-11	11
8019-12	12
8019-13	13

Bully Rubber Boot

•15" premium quality boot with GelFlex shock absorbing heel and mid-sole •Ultraflex oil and acid resistant compound •Removable molded insole •Steel toe and plate •Recommended for dairy, meat/food processing and petro-chemical industries •CSA/ANSI approved •Colour: Navy with Grey Sole

PART NO.	SIZE
9679-7	7
9679-8	8
9679-9	9
9679-10	10
9679-11	11
9679-12	12
9679-13	13
9679-14	14

Digger Rubber Boot

•15" general purpose boot •Thermoplastic rubber construction with steel toe and plate •Self-cleaning high traction sole •Electric shock resistant •Recommended for general use and construction •CSA/ANSI approved •Colour: Black with Green Sole

PART NO.	SIZE
8009-7	7
8009-8	8
8009-9	9
8009-10	10
8009-11	11
8009-12	12
8009-13	13

Sur-Stik Rubber Boot

•15" premium lightweight boot with GelFlex shock absorbing heel and midsole •Ultraflex oil and acid resistant rubber •Steel toe and plate •Slip-resistant sole •Removable molded insole •CSA/ANSI approved •Colour: Blue with Grey Sole

PART NO.	SIZE
9689-587-7	7
9689-587-8	8
9689-587-9	9
9689-587-10	10
9689-587-11	11
9689-587-12	12
9689-587-13	13

Hunter Rubber Boot

•12" felt lined boot with drawstring nylon collar •Thermoplastic rubber with plain toe •Three component liner rated to -40°C •Long wearing, high traction sole •Recommended for any general purpose use •Colour: Forest Green with Black Sole

BOOT PART NO.	SIZE	REPLACEMENT LINER PART NO.
8562-6	6	L8562A40-6
8562-7	7	L8562A40-7
8562-8	8	L8562A40-8
8562-9	9	L8562A40-9
8562-10	10	L8562A40-10
8562-11	11	L8562A40-11
8562-12	12	L8562A40-12
8562-13	13	L8562A40-13
8562-14	14	L8562A40-14

Refinery Rubber Boot

•12" felt lined boot with drawstring nylon collar •Oarprene oil and acid resistant rubber, resists cold cracking •Three component liner rated to -40°C •Steel toe/steel plate •Long wearing, high traction sole •Recommended for any industries where chemical resistance is required •Electric shock resistant •CSA/ANSI approved •Colour: Black

BOOT PART NO.	SIZE	REPLACEMENT LINER PART NO.
8574-6	6	L8562A40-6
8574-7	7	L8562A40-7
8574-8	8	L8562A40-8
8574-9	9	L8562A40-9
8574-10	10	L8562A40-10
8574-11	11	L8562A40-11
8574-12	12	L8562A40-12
8574-13	13	L8562A40-13
8574-14	14	L8562A40-14

Conviction SRT (Safety Resin Technology) Series

Conviction SRT series is a technologically advanced safety boot design to keep your feet warm and safe in cold climate applications. The non metallic safety toe and sole protection features Safety Resin Technology. Safety resin toe cap is the latest innovation in non metallic safety protection. The compound is able to be injected in a dense format providing superior non metallic protection while maintaining a sleek profile and light weight flexible protection. Boots Feature: •-40°C removable inner boot system •Nitrile Rubber Outsole - Provides excellent traction in a variety of conditions and temperatures; Acid and oil resistant •Polyurethane Base - Light weight shell; Acid and oil resistant; Flexible; Cold crack resistant •Safety Components - Non detectable hardware; Safety resin non metallic toe and plate provide next generation technology that meets and exceeds all CSA standards, is extremely light weight, flexible and is non-detectable in security x-rays.

6" Compressor

Feature full grain durable leather uppers

PART NO.	SIZE
7157-0236-7	7
7157-0236-8	8
7157-0236-9	9
7157-0236-10	10
7157-0236-11	11
7157-0236-12	12
7157-0236-13	13

8" Work Horse

Feature full grain durable leather uppers

PART NO.	SIZE
7157-0238-7	7
7157-0238-8	8
7157-0238-9	9
7157-0238-10	10
7157-0238-11	11
7157-0238-12	12
7157-0238-13	13

Fort Mac Neoprene

Feature Neoprene for caustic applications

PART NO.	SIZE
7157-0237-7	7
7157-0237-8	8
7157-0237-9	9
7157-0237-10	10
7157-0237-11	11
7157-0237-12	12
7157-0237-13	13

Vanguard

•High quality boot with -100°C inner boot system and tough 1000 Denier nylon upper •GelFlex shock absorbing mid-sole and heel •Rugged high grip tread for solid traction •Plain toe •Recommended for use in extreme climates •Black

BOOT PART NO.	SIZE	REPLACEMENT LINER PART NO.
9850-904-001-7	7	L904A100-7
9850-904-001-8	8	L904A100-8
9850-904-001-9	9	L904A100-9
9850-904-001-10	10	L904A100-10
9850-904-001-11	11	L904A100-11
9850-904-001-12	12	L904A100-12
9850-904-001-13	13	L904A100-13
9850-904-001-14	14	L904A100-14
9850-904-001-15	15	L904A100-15

James Bay

•Premium boot with -100°C inner boot system and tough 1000 Denier nylon upper •Oarprene oil and acid resistant rubber base with GelFlex mid-sole and heel •Steel toe and plate •Electric shock resistant •Black with yellow sole •CSA/ANSI approved

BOOT PART NO.	SIZE	REPLACEMENT LINER PART NO.
9857-934-001-7	7	L904A100-7
9857-934-001-8	8	L904A100-8
9857-934-001-9	9	L904A100-9
9857-934-001-10	10	L904A100-10
9857-934-001-11	11	L904A100-11
9857-934-001-12	12	L904A100-12
9857-934-001-13	13	L904A100-13
9857-934-001-14	14	L904A100-14
9857-934-001-15	15	L904A100-15

Driller II

•Premium boot with -100°C inner boot system •Oil resistant neoprene coated nylon shaft with reinforced heel protection •Steel toe and plate •Electric shock resistant •Designed for the oil and gas industry; offers ultimate protection from the harshest environments •Black with yellow sole •CSA/ANSI approved

BOOT PART NO.	SIZE	REPLACEMENT LINER PART NO.
9857-937-7	7	L904A100-7
9857-937-8	8	L904A100-8
9857-937-9	9	L904A100-9
9857-937-10	10	L904A100-10
9857-937-11	11	L904A100-11
9857-937-12	12	L904A100-12
9857-937-13	13	L904A100-13
9857-937-14	14	L904A100-14
9857-937-15	15	L904A100-15

Barrow

•Premium boot with -100°C inner boot system •Rugged leather upper designed to fit inside coveralls •Steel toe and plate •Electric shock resistant •Oarprene oil and acid resistant base •Recommended for applications where protection from both chemicals and exposure to extreme cold is required •CSA/ANSI approved •Coveralls will fit over this boot •Black

BOOT PART NO.	SIZE	REPLACEMENT LINER PART NO.
9857-998-7	7	L998A100-7
9857-998-8	8	L998A100-8
9857-998-9	9	L998A100-9
9857-998-10	10	L998A100-10
9857-998-11	11	L998A100-11
9857-998-12	12	L998A100-12
9857-998-13	13	L998A100-13
9857-998-14	14	L998A100-14
9857-998-15	15	L998A100-15

Predator

•8" workboot design •Acid and oil resistant base and Guardian leather upper •Hydro-work moisture wicking inner boot system •GelFlex fatigue resistant midsole •Slip resistant durable outsole design •Acid and oil resistant laces and stitching throughout •Steel toe/steel plate •Black with yellow sole •CSA/ANSI approved

PART NO.	SIZE
9510-542-7	7
9510-542-8	8
9510-542-9	9
9510-542-10	10
9510-542-11	11
9510-542-12	12
9510-542-13	13

Titan

•Premium boot with -100°C inner boot system •Oil and acid resistant oarprene rubber •Steel toe and plate •Electric shock resistant •1" nylon snow cuff and full moulded waterproof construction •Designed for applications where protection from both chemicals and exposure to extreme cold is required •Black colour with beige sole •CSA-ANSI approved Grade 1, Steel Toe, Steel Plate, ESR.

PART NO.	SIZE
2359-034-7	7
2359-034-8	8
2359-034-9	9
2359-034-10	10
2359-034-11	11
2359-034-12	12
2359-034-13	13
2359-034-14	14

Titan Plain Toe

•Premium boot with -100°C inner boot system •1" nylon snow cuff and full moulded waterproof construction •Micro-cellular waffle foot-bed to trap air and moisture •Aggressive, long wearing, self-cleaning outsole •Black colour with black sole.

PART NO.	SIZE
2355-001-7	7
2355-001-8	8
2355-001-9	9
2355-001-10	10
2355-001-11	11
2355-001-12	12
2355-001-13	13
2355-001-14	14

BAFFIN

Apollo™ 15" Rubber Boot

•PVC sole that provides more surface contact resulting in greater traction and wear. Flexible upper compound to provide greater comfort. Removable insole. Extended steel shank to provide heel and instep support. Built in arch support for all day comfort. Available in plain toe and ANSI/CSA approved steel toe/steel midsole for safety and protection.

PLAIN TOE

PART NO.	SIZE
86605-6	6
86605-7	7
86605-8	8
86605-9	9
86605-10	10
86605-11	11
86605-12	12
86605-13	13

STEEL TOE

PART NO.	SIZE
86622-6	6
86622-7	7
86622-8	8
86622-9	9
86622-10	10
86622-11	11
86622-12	12
86622-13	13

Heartland II 16" Rubber Boot

•PVC/Nitrile •Superior protection for agricultural applications •Flexible upper compound to provide greater comfort. Removable insole. ANSI/CSA approved steel cap for safety and protection. Extended steel shank to provide heel and instep support. Ribbed sole pattern that "grips" wet surfaces. Sole pattern that effectively channels out debris to increase traction.

STEEL TOE

PART NO.	SIZE
84452-7	7
84452-8	8
84452-9	9
84452-10	10
84452-11	11
84452-12	12
84452-13	13

Hip Waders

•Superior protection above the knee •Features a steel toe and midsole, lightweight and durable PVC upper with polyester backing •Adjustable polyester nylon strap with plastic snaps •Non-absorbent lining •Ultragrip® Sipe soles •CSA/ANSI rated

PART NO.	SIZE
86856-7	7
86856-8	8
86856-9	9
86856-10	10
86856-11	11
86856-12	12
86856-13	13

Chest Waders

•Excellent protection above the waist •Features a steel toe and midsole, durable heavy duty PVC upper with polyester backing •Resists oil, grease, gasoline, salt water, and ozone with excellent cold weather flexibility •Adjustable H-back suspenders and built-in belt loops with adjustable belt for a snug fit •Non-absorbent polyester lining •Ultragrip® slip soles •CSA/ANSI rated

PART NO.	SIZE
86867-7	7
86867-8	8
86867-9	9
86867-10	10
86867-11	11
86867-12	12
86867-13	13

Rubber Boot

•Dunlop PVC/nitrile blend boot •Ribbing on shank and ankle •Unique "suction" pattern outsole •Steel toe and plate •CSA approved •Colour: Black with Red Sole

PART NO.	SIZE
8830-7	7
8830-8	8
8830-9	9
8830-10	10
8830-11	11
8830-12	12

SERVUS PRM 15" Rubber Boot

FEATURES: •Highly durable injection molded construction •Safety-Toe steel toe construction •Safe-Step flexible stainless steel midsole •Ergonomic footbed •Meets CSA Z195-02 Grade 1 and ANSI Z41 PT99 MI/75 C/75 PR •Dielectric •Graduated heights, kick off lugs, toe/heel reinforcements

BENEFITS: •Seamless 100% waterproof protection •Designed to provide protection from toe injury •Designed to provide protection underfoot from possible punctures •Provides cushion and arch support to reduce stress and fatigue •Additional support and comfort underfoot •Helps protect against toe and puncture injuries •Reduces the risk of injury from electrical conductors of less than 600 Volts a.c.

PART NO.	SIZE
B75145-7	7
B75145-8	8
B75145-9	9
B75145-10	10
B75145-11	11
B75145-12	12
B75145-13	13
B75145-14	14

Journeyman 15" Natural Rubber Work Boot

•CSA class #1 steel toe and steel plate •CSA Omega electric shock resistance •100% waterproof and oil resistant natural rubber •Slip resistant, self cleaning rubber lug sole adaptable for ice studs •Extra layers of rubber provide increased metatarsal protection •Tough and comfortable cotton canvas lining

PART NO.	SIZE
VW8-3-7	7
VW8-3-8	8
VW8-3-9	9
VW8-3-10	10
VW8-3-11	11
VW8-3-12	12
VW8-3-13	13
VW8-3-14	14

Natural Rubber Lined Work Boot

•CSA class #1 steel toe cap and steel plate •100% waterproof and oil resistant natural rubber Self cleaning rubber lug sole •9 eyelets front lace •Quick dry polyester lining •Reinforced heel and instep

PART NO.	SIZE
VW53-7	7
VW53-8	8
VW53-9	9
VW53-10	10
VW53-11	11
VW53-12	12
VW53-13	13

Bushwhacker Lite Chainsaw Boot

•CSA class #1 steel toe and steel plate •CSA Omega electric shock resistance •Chainsaw CE class 3 resistant protection with layered construction of rubber, textile and ballistic nylon •100% waterproof, ozone resistant natural rubber •Achilles tendon and ankle protection •Heavy duty cotton canvas lining •Oil, chemical and slip resistant nitrile lug sole adaptable for ice studs •Steel shank and air cushioned heel pockets •420 Denier nylon rip-stop collar with safety reflective stripe and back lace tie

PART NO.	SIZE
VW58-1-7	7
VW58-1-8	8
VW58-1-9	9
VW58-1-10	10
VW58-1-11	11
VW58-1-12	12
VW58-1-13	13
VW58-1-14	14
VW58-1-15	15

Professional Mining Boot

•ANSI MT/75 metalarsal protection •CSA class #1 steel toe cap and steel plate •CSA Omega electric shock resistance •100% waterproof, ozone resistant natural rubber •Achilles tendon and ankle protection •Heavy duty cotton canvas lining •Steel shank and air cushioned sole pockets •Oil and chemical resistant nitrile lug sole •Removable comfort felt insole

PART NO.	SIZE
VW49-7	7
VW49-8	8
VW49-9	9
VW49-10	10
VW49-11	11
VW49-12	12
VW49-13	13
VW49-14	14

Ice Stud Kit

Swedish made high carbon steel studs help improve traction on ice and slick surfaces. Package of 35 is enough for 1 pair of boots. Includes application tool and directions.
Part No. IS, Pack of 35.

Polyurethane Work Boot

•CSA class #1 steel toe cap and steel plate •Made of unique microfoam Polyurethane compound that's warmer, lighter and longer wearing •Features: •Insulation and Flexibility - warm in winter, cool in summer, •Lightweight - microcellular structure 35% lighter than standard boots •Durability - 2-3 times the life of standard boots •Slip Resistance - ergonomic sole design increase surface contact for better traction and less injuries •Extra wide toe, vamp and shaft for a more comfortable fit with or without socks •Resistant to mineral, animal, and vegetable oil and fats, blood, disinfectants, manure, solvents, motor oil, and petroleum based chemicals •100% waterproof protection •Anti-bacterial and abrasion resistant lining •Shock resistant heel and anti-slip, self cleaning sole •Washable, moisture absorbing, cold insulating and slip-resistant insoles

Journeyman®

•Polyurethane remains flexible to -30°C
•14" tall; cut off line to make shorter boot

PART NO.	SIZE
VW87-7	7
VW87-8	8
VW87-9	9
VW87-10	10
VW87-11	11
VW87-12	12
VW87-13	13
VW87-14	14

Arctic®

NEW!!

•Flexible and warm below -40°C
•15" tall; ergonomic sole design for easy walking

PART NO.	SIZE
VW89-7	7
VW89-8	8
VW89-9	9
VW89-10	10
VW89-11	11
VW89-12	12
VW89-13	13
VW89-14	14

Radiantex Boot Liner

•Good to -30° C •Designed to fit VIKING rubber boots •Polypropylene and wool blend with a Radiantex layer for maximum warmth •The Radiantex metallized membrane acts as a thermal reflector and moisture barrier keeping body heat in and allowing perspiration vapours to escape •Front elastic holds lining in position •Zig zag sewing for extra strength •Vinyl heel protector for wear resistance •Sole features outside seams for a comfortable fit

NOTE: Liners are sized by boot and foot size. If you require liners and boots please order boots 2 sizes larger to accommodate the liners. If unlined boots are required please order your regular size. Example: Size 7 foot takes size 9 liners and size 9 boots.

PART NO.	BOOT SIZE	FOOT SIZE
VF21-7	7	5
VF21-8	8	6
VF21-9	9	7
VF21-10	10	8
VF21-11	11	9
VF21-12	12	10
VF21-13	13	11
VF21-14	14	12
VF21-15	15	13

32north

STABILicers™

STABILicers™ Anti-Skid Detachable Soles

•Flexible Vibram sole provides the comfort and traction crews need •34 case hardened steel cleats bite into ice and snow •Replaceable cleats save money •Velcro straps fit snugly and have easy on/off design •Reduce fatigue •Reduce painful lost day injuries •Increase productivity in ice and snow •Sold as a pair

PART NO.	SIZE	FITS MEN'S BOOT	FITS WOMEN'S BOOT
93279	XXS	—	4 - 6
93289	XS	5 - 6	6.5 - 8
93299	S	6.5 - 7.5	8.5 - 10
93309	M	8 - 10	11 and up
93319	L	10.5 - 12	—
93329	XL	12.5 - 14	—
93339	XXL	14 - 16	—

Part No. 93349, Replacement cleat.

STABILicers™ Sport

•Lightweight for high mileage use •Tension fit binding; 4 sizes fits virtually everyone •Aggressive durable performance •TPE Elastomer holds STABILicers securely in place •Traction tread outsole and cleats simultaneously contact walking surface, providing superior grip on ice, snow, rock, and pavement •Long wearing, case hardened replaceable cleats save money •Sold as a pair

PART NO.	SIZE	FITS MEN'S BOOT	FITS WOMEN'S BOOT
93359	XS	—	5 - 7.5
93369	S	6 - 8	7.5 - 9.5
93379	M	8 - 10	9.5 - 11
93389	L	10 - 13	—

Part No. 93399, Replacement sport cleat.

STABILicers™ Lite

•Perimeter attachment system offers easy on/off design while securely fitting virtually any style footwear •Proprietary Elastomer provides superior durability and memory •Aggressive tread provides traction on ice, snow, and even snow covered ice •Steel multidirectional cleats provide superior traction along with heel and forefoot cleats •Dual traction system means the Elastomer and cleat contact walking surface simultaneously •Sold as a pair

PART NO.	SIZE	FITS MEN'S BOOT	FITS WOMEN'S BOOT
93409	S	4 - 7	5 - 8
93419	M	7.5 - 10	8.5 - 12
93429	L	10.5 - 13	—

WINTER – WORK/ RECREATION GLOVES

NOTE: Add the correct suffix to complete the part number.

TG = 1 pair tagged EA = 1 pair untagged CS = 1 case of 72 pairs untagged

All gloves are sold as pairs unless otherwise stated, and if similar gloves are offered they are rated on a "good, better, best" scale.

Split Leather Fitters Gloves

Lined gloves with leather palm. Canvas safety cuffs and leather knuckle straps.

PART NO.	DESCRIPTION
113-	Split Leather, Fitters Glove, Full Palm, Pile Lined.
120-	Split Leather, Fitters Glove, Full Palm, Polar Fleece Pull-Out Liner.
121-	Split Leather, Fitters Glove, Full Palm , Thinsulate Lined
122-	Split Leather, Fitters Glove, Full Palm, Fleece Lined.

Grain Leather Fitters Gloves

Smooth grain lined leather gloves for durability. Canvas safety cuffs and leather knuckle straps.

PART NO.	DESCRIPTION
110-	Grain Leather, Fitters Glove, Full Palm, Thinsulate Lined.
114-	Grain Leather, Fitters Glove, Full Palm, Pile Lined.
115-	Grain Leather, Fitters Glove, Full Palm, Fully Lined, Sm.
123-	Grain Leather, Fitters Glove, Full Palm, Fleece Lined.

Grain Leather Drivers Gloves

Lined drivers style glove made with grain leather. This glove has a sewn in elastic back for a snug wrist fit and soft comfortable feel.

PART NO.	DESCRIPTION
111-	Grain Leather, Drivers Glove, Thinsulate Lined.
112-	Grain Leather, Drivers Glove, Fleece Lined.

Mitts

PART NO.	DESCRIPTION
116-	Split Leather, Mitts, comes with Pile Lined Pull-Out Liner #220.
118-	Grain Leather, Gauntlet Mitts with Velcro closure, Pile Lined, Lg.
119-	Grain Leather, Gauntlet Mitts with Velcro closure, Pile Lined, X-Lg.
220-	Pile Mitt Liners for #116.

Cotton Jersey Gloves

Knitted jersey glove with fleece lined. Knit wrist. Provides a good choice for winter glove liner.

PART NO.	DESCRIPTION
221-	Brown Jersey Glove, Fleece Lined.

®

ALL SEASON – WORK/ RECREATION GLOVES

NOTE: Add the correct suffix to complete the part number.

TG = 1 pair tagged EA = 1 pair untagged CS = 1 case of 72 pairs untagged

All gloves are sold as pairs unless otherwise stated, and if similar gloves are offered they are rated on a "good, better, best" scale.

Mechanics' Gloves

A glove for professional or weekend mechanics. Provides a positive grip and offers great dexterity. Get a better fit and flexibility with Spandex lined two-way stretch top. Reinforced knuckle bands, thumb, and fingertips; hidden stitching to stop snagging. Hook and loop closure on an elastic cuff lets you get just the right fit.

BLACK

PART NO.	SIZE
240-	small
241-	medium
242-	large
243-	x-large

ROYAL/BLACK

PART NO.	SIZE
244-	small
245-	medium
246-	large
247-	x-large

Split Leather Fitters Gloves

Cotton back gloves with leather palm. Canvas safety cuffs and leather knuckle straps.

PART NO.	DESCRIPTION
134-	Split Leather, Fitters Glove, Patch Palm , "Good".
135-	Split Leather, Fitters Glove, Patch Palm , "Better".
146-	Split Leather, Fitters Glove, Patch Palm , Split Leather Cuff
138-	Split Leather, Fitters Glove, Full Palm, "Good".
137-	Split Leather, Fitters Glove, Full Palm, "Better".
139-	Split Leather, Fitters Glove, Double Palm, Thumb & Index Finger.
145-	Split Leather, Fitters Glove, Double Palm & All Fingers.

Grain Leather Fitters Gloves

Smooth grain leather gloves for durability. Canvas safety cuffs and leather knuckle straps.

PART NO.	DESCRIPTION
143-	Grain Leather, Fitters Glove, Patch Palm.
144-	Grain Leather, Fitters Glove, Patch Palm, 4½" Safety Cuff.
140-	Grain Leather, Fitters Glove, Full Palm.
148-	Grain Leather, Fitters Glove, Full Palm, Sm.

Grain Leather Drivers Glove

Drivers style glove made with grain leather. This glove has a sewn in elastic back for a snug wrist fit and soft comfortable feel.

PART NO.	DESCRIPTION
141-	Grain Leather, Drivers Glove, Unlined

Grain Leather Roper Gloves

Roper style glove made with all grain leather. Snap tab on the back. Ropers have a one piece seamless palm and are wrist length.

PART NO.	DESCRIPTION
142-	Grain Leather, Ropers Glove, Unlined

Grain Leather Linesman Glove

Linesman glove made with all grain leather. 4" split leather cuff.

PART NO.	DESCRIPTION
147-	Grain Leather, Linesman Glove

Cotton, Canvas Glove

100% cotton canvas gloves. Light duty protection. Knit wrist.

PART NO.	DESCRIPTION
200-	8 oz. Cotton Canvas Glove

Cotton Jersey Gloves

Knitted jersey glove. Knit wrist. Provides a good choice for light heat applications or as winter glove liner.

PART NO.	DESCRIPTION
201-	9 oz. Brown Jersey Glove
202-	"Salt & Pepper" Jersey Glove

ALL SEASON - WORK/ RECREATION GLOVES

NOTE: Add the correct suffix to complete the part number.
TG = 1 pair tagged EA = 1 pair untagged CS = 1 case of 72 pairs untagged
All gloves are sold as pairs unless otherwise stated, and if similar gloves are offered they are rated on a "good, better, best" scale.

Cotton Canvas with Split Leather Glove

100% cotton canvas back. Split leather palm and all leather index finger. Knit wrist.

PART NO.	DESCRIPTION
136-	Cotton Canvas Split Leather Glove

Knit Glove

White string knit glove. Knit wrist. General purpose work glove or liner.

PART NO.	DESCRIPTION
205-	White String Knit Glove

Cotton with PVC Criss-Cross Glove

Cotton glove with PVC criss-cross on both sides. Great glove when grip is a necessity. Knit wrist, fits either hand.

PART NO.	DESCRIPTION
203-	Cotton with PVC Criss-Crosses, medium

Fleece Gloves

Fleece, flannel glove with a knit wrist offering durability and warmth.

PART NO.	DESCRIPTION
230-	16 oz. Green Fleece Glove
231-	18 oz. "Super Green King" Extra Heavy Fleece Glove

Natural Butile Rubber Glove

Natural butile rubber gloves, cut resistant. safety cuff.

PART NO.	DESCRIPTION
304-	Natural Butile Rubber Gloves.

PVC Coated Gloves

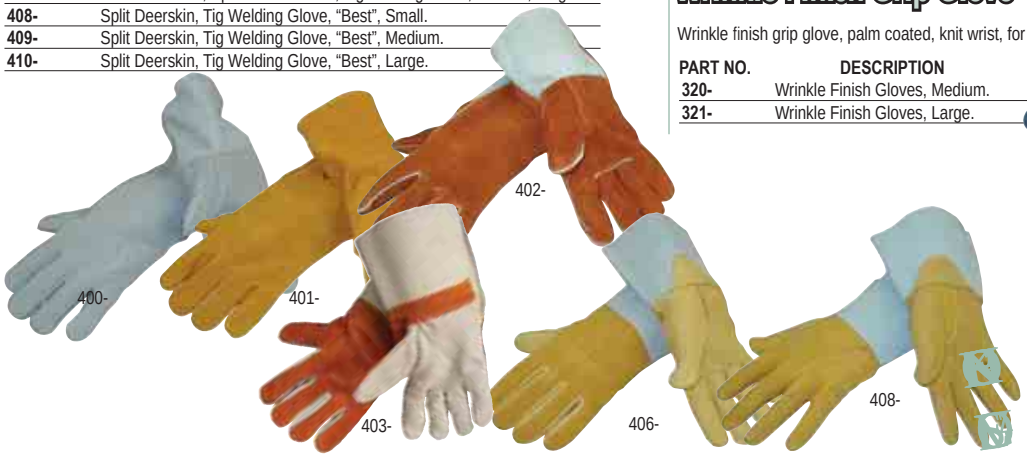
PVC coated gloves.

PART NO.	DESCRIPTION
300-	Single Dipped PVC Glove, 12" Gauntlet cuff.
301-	Single Dipped PVC Glove, 14" Gauntlet cuff.
302-	Double Dipped PVC Glove, Grit Palm, 14" Gauntlet cuff.
303-	Double Dipped PVC Glove, Grit Palm, 18" Gauntlet cuff.
343-	Fluorescent Orange PVC Glove, Lined, Safety Cuff.
344-	Brown PVC Glove, Lined, Safety Cuff.

Welding Gloves

Multi-use 5 finger welding gloves, gauntlet cuff.

PART NO.	DESCRIPTION
400-	Split Leather, Welding Glove, Cotton Lined, "Good".
401-	Split Leather, Welding Glove, Cotton Lined, "Better".
402-	Split Leather, Welding Glove, Back Lined, "Best".
403-	Split Leather, Welding Glove, "Premium Quality", Medium.
404-	Split Leather, Welding Glove, "Premium Quality", Large.
406-	Grain Deerskin, Split Leather Back, Tig Welding Glove, "Better", Medium.
407-	Grain Deerskin, Split Leather Back, Tig Welding Glove, "Better", Large.
408-	Split Deerskin, Tig Welding Glove, "Best", Small.
409-	Split Deerskin, Tig Welding Glove, "Best", Medium.
410-	Split Deerskin, Tig Welding Glove, "Best", Large.



Wrinkle Finish Grip Glove

Wrinkle finish grip glove, palm coated, knit wrist, for general purpose use.

PART NO.	DESCRIPTION
320-	Wrinkle Finish Gloves, Medium.
321-	Wrinkle Finish Gloves, Large.

JOMAC CANADA

Cotton Canvas Gloves

Cotton canvas is a breathable material that offers all-day comfort. Ideal for manufacturing environments. Knit wrist. Size: Large.

PART NO.	DESCRIPTION
WK217L	Work King™ 8 oz. Cotton Gloves, Red Knit Wrist.
SKG217L	Safety King™ Poly/Cotton Glove, Vivid Safety Green.
Y6503L	8 oz. Cotton Gloves.
Y6523	8 oz. Cotton Gloves, w/ Dots on Palm, Thumb & Forefinger.

WK217L

SKG217L

Y6503L

Y6523

Cotton Fleece Gloves

Heavy fleece gloves. Generous sizing allow for repeated launderings and exceptional comfort. Knit wrist. Size: Large. These Gloves are all Canadian Made.

PART NO.	DESCRIPTION
SGK	"Super Green King" Gloves, Extra Heavy Green Fleece.
LGSK	Safety Green King™ Gloves, Extra Heavy Vivid Safety Green Fleece.
WK915L	"Wood King" Gloves, Heavy Golden Fleece with Rayon Liner.
FK69	"Forest King" Gloves, Golden Fleece Palm, Canton Back.

SGK

LGSK

WK915L

FK69

Cut Resistant Gloves & Sleeves

Cut resistant gloves come in various fabrics offering different levels of cut resistance.

PART NO.	DESCRIPTION
Medium Weight Gray Cotton/Synthetic Terrycloth. Protects to 200°F.	
1564	Knit Wrist. Standard Size.
Kevlar® Medium Weight. 100% Kevlar® String Type. Ambidextrous. Kevlar® is the Solution for Many High Performance Metal Working and General Industrial Applications.	
1800M	Continuous Cuff. Med.
1800L	Continuous Cuff. Lg.
1810	With PVC Dots on Both Sides, Continuous Cuff. Lg.
SK10	Cut and Flame-Resistant 2-Ply Knit Sleeve. 3" Width x 10" Length.

1564

1800M

1810

SK10

JOMAC CANADA

PVC Coated Gloves

PVC (polyvinyl chloride) is a synthetic thermoplastic polymer that provides excellent resistance to most oils, acids and fats. These Gloves are all Canadian Made.

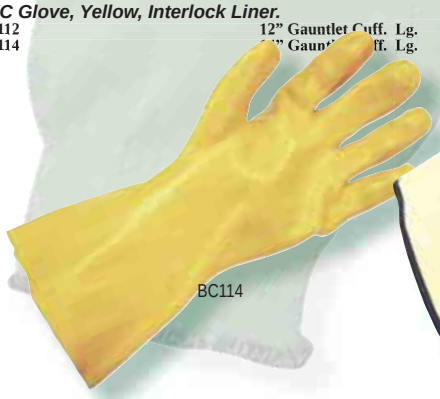
PART NO.	DESCRIPTION
Bemac Petrochief® PVC/NBR Glove, Red, Safety Cuff.	
PC830L	Jersey Lined. Lg.
PC893L	Jersey Foamed Lined. Lg.
Safety King™ PVC/NBR Glove, Vivid Safety Green, Safety Cuff.	
PSK930L	Jersey Lined. Lg.
PSK993L	Jersey Foamed Lined. Lg.
"Flexi-Mac" PVC Glove, Green, Non-Slip, Sandy Finish, Jersey Lined.	
FM510M	10" Gauntlet Cuff. Med.
FM510L	10" Gauntlet Cuff. Lg.
FM501L	Knit Wrist Cuff. Lg.
"Bemac Flambeau" PVC Glove, Vivid Safety Orange, Treated To Resist the Growth of Mold and Mildew. Removable Foam Liner.	
CF2199	14" Gauntlet Cuff. Lg.
"McTuff" PVC Glove, Green, Jersey Foam Insulation.	
593	Safety Cuff. Lg.
PVC Glove, Yellow, Interlock Liner.	
BC112	12" Gauntlet Cuff. Lg.
BC114	[illegible] Cuff. Lg.

PSK930L

PC830L

CF2199

FM510M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593

JOMAC CANADA

String Knit Glove

Poly / cotton string knit gloves. Knit wrist. Offer close comfortable fit. Absorbs perspiration. General purpose work glove or liner.

PART NO.	DESCRIPTION
13MKM	Poly / Cotton String Knit Glove, Med.
13MKL	Poly / Cotton String Knit Glove, Lg.

Heat Resistant Terrycloth Glove

Extra heavyweight terry. Lined. Reversible and ambidextros. Heat protection up to 260°C. Economical yet superior cut, heat and abrasion protection.

PART NO.	DESCRIPTION
636HRL	4½" Gauntlet. X-lg.

Winter Liner

Extreme winter liner. This liner is made of 70% Rhovyl and 30% Modal which makes for a superior winter liner.

PART NO.	DESCRIPTION
Y1450M	Winter Liner, Med.
Y1450L	Winter Liner, Lg.

Nitri-Seal® Gloves

Natural rubber coated glove, featuring a nitrile overdip for extra resistance to oil, grease, and other chemicals. These gloves have a wrinkle finish for a strong wet or dry grip. Ideal for handling lumber, glass, metal strappings, sheet metal, and other sharp edged materials. **Palm coated, style. Size 10.**
Part No. 2912, Safety cuff

Hustler® Gloves

Premium grade PVC and reinforced with nitrile. Good in the petrochemical, refining, general chemical handling, shipbuilding industries; and material handling in acids, oil, grease, caustics, and many solvents. This glove features a jersey liner and a rough finish.
Part No. 725-R, Size 10, 12" gauntlet cuff
Part No. 728-R, Size 11, 18" gauntlet cuff

Black Knight® Gloves

An economical, PVC fully coated jersey lined glove for a multitude of jobs such as petrochemicals, refining, mining, automotive subassembly and handling slick, abrasive materials. Size 10.
Part No. 7703-R, Knit wrist cuff
Part No. 7712-R, 12" gauntlet cuff
Part No. 7714-R, 14" gauntlet cuff

Nitri-Flex Lite® Gloves

Seamless nylon knit glove with a textured green nitrile palm coat. Snug fitting knit wrist glove is extremely flexible. Resists cuts, snags and abrasion with non-slip grip.
Part No. 4500-7, Size 7
Part No. 4500-8, Size 8
Part No. 4500-9, Size 9
Part No. 4500-10, Size 10

Big Orange Gloves

High grade PVC with high visibility. For workers whose hands must be seen. These gloves feature a jersey liner and a rough grip finish. Size 10.
Part No. F-852,12" gauntlet cuff
Part No. F-853, Knit wrist cuff

Nitri-Pro® Gloves

Super synthetic nitrile coated glove that is an economical replacement for medium to heavy duty leather palm work gloves. Superior resistance to oil, grease, and most chemicals, cuts, abrasions, and snags. Excellent for handling rough castings, cores, extrusions, tubular steel, sheet metal, drywall, concrete block and bricks. These smooth finish gloves feature a two-piece jersey liner.
Fully coated, knit wrist cuff
Part No. 7000-10, Size 10
Palm coated, safety cuff
Part No. 7066-8, Size 8
Part No. 7066-9, Size 9
Part No. 7066-10, Size 10
Fully coated, safety cuff
Part No. 7166-8, Size 8
Part No. 7166-9, Size 9
Part No. 7166-10, Size 10

Nitri-Flex® Gloves

This nitrile-coated glove with a textured grip provides maximum wear and excellent cut, puncture, and abrasion resistance. Featuring a two-piece 100% cotton interlock liner for comfort, flexibility, and dexterity. Excellent for assembly, shipping and receiving, general maintenance and light fabrication. Fully coated.
Part No. 4000-8, Size 8, knit wrist
Part No. 4000-9, Size 9, knit wrist
Part No. 4166-8, Size 8, safety cuff
Part No. 4166-10, Size 10, safety cuff

Insulated Big Orange Gloves

This PVC coated glove with triple-layer construction resists chemicals and abrasion. Because of its high visibility it is ideal for workers whose hands must be seen. These gloves feature a unique crinkle finish. Size 10.
Part No. 75, 12" gauntlet cuff
Part No. 76, Safety cuff

Insulated Super Flex® Gloves

This PVC coated glove with its triple-layer construction and rough finish is ideal for municipalities, cold storage, yard and field work, outdoor maintenance, and the fishing industry. Tan Colour. Size 10.
Part No. 7022, Safety cuff
Part No. 7033, Knit wrist cuff

Zorb-It™ Gloves

Unique "sponge nitrile" technology produces an extra absorbent nitrile dip that conforms and adheres to the nylon shell like no other glove available. Launder over and over again with no shrinkage.
Part No. 4550-7, Size 7
Part No. 4550-8, Size 8
Part No. 4550-9, Size 9
Part No. 4550-10, Size 10

Cannonball® Gloves

A proven performer, this is a high grade PVC multidipped glove with a rough finish for extra protection and grip. Excellent for fishing, petrochemicals, refining, construction, mining, utilities, and handling abrasive materials coated with oil and grease. Cannonball's high grade PVC coating provides outstanding chemical resistance, wear and flexibility, making it an excellent choice for abrasive chemical applications. Size 10.
Part No. 803, Knit wrist cuff
Part No. 812, 12" gauntlet cuff
Part No. 814S, 14" gauntlet cuff
Part No. 823, Mitt, knit wrist cuff

Super Flex® Gloves

Low temperature resistant PVC formulation keeps Super Flex gloves soft and supple even in cold conditions. Excellent for general material handling, construction, agriculture, and for handling oils, acids, and alcohols. These rough finish gloves are jersey lined. Size 10.
Part No. 763-Y-R, Knit wrist cuff
Part No. 765-Y-R, 12" gauntlet cuff

Insulated Nitri-Pro® Gloves

Nitrile coated glove featuring triple-layer construction. Smooth finish. Ideal for situations requiring good abrasion, cut, and puncture resistance. Application: Fuel oil trucks, pipelines, and petrochemicals. Fully coated. Size 10.
Part No. 8166, Safety cuff

Neoprene Gloves

A premium grade neoprene heavyweight glove with smooth finish. Resistant to caustics, oils, greases, and solvents. Excellent all-round protection against physical hazards such as abrasion and cuts. Size 10.
Part No. 6784, 14" gauntlet cuff

Nitty Gritty® Gloves

Often imitated but never equalled, the original Nitty Gritty was the industry's first wrinkle-finished, natural rubber coated glove. This glove offers the best in both grip and protection. Having a five-piece flannel lined construction, this glove is recommended for the most rugged jobs — handling sharp edged objects like glass and sheet metal. Size 10.
Part No. 66-NF-W, Safety cuff
Part No. 99-NF-W, Gauntlet cuff

Insulated Rough Tough Gloves

This PVC coated glove with triple-layer construction resists chemicals and abrasion. Applications include fuel delivery, municipalities, cold storage, trash collection, fishing, and lumber industries. Unique green crinkle finish for excellent grip. Size 10.
Part No. 272, 12" mitt, gauntlet cuff
Part No. 275, 12" gauntlet cuff
Part No. 276, Safety cuff

N-Dex® Gloves

N-DEX gloves are a low powder, low-modulus, ambidextrous, and disposable glove. Made of 100% blue nitrile. **Not for medical use**. 4-mil, 9½" gloves. Box of 100.
Part No. 7005-M, Medium
Part No. 7005-L, Large
Part No. 7005-XL, Extra large

Derma Thin® Gloves

Unsupported natural rubber glove, ambidextrous, surgical type disposable glove with strength, unsurpassed sensitivity and optimum dexterity. Recommended for cosmetic and pharmaceutical laboratories, food processing, and electric applications. 5 mil, 10" gloves. Box of 100.
Part No. 1005-M/L, Green - medium/large
Part No. 5005-S, White - small
Part No. 5005-M, White - medium
Part No. 5005-L, White - large

Chem Master® Gloves

Unsupported neoprene over natural rubber glove. Excellent for battery manufacturing, chemical plants, aircraft assembly, food processing, and plant maintenance. Tactile sensitive with a tractor tread grip and flock lining. Black/blue. 26 mil, 13" gloves.
Part No. CHM-L, Large
Part No. CHM-XL, Extra large

Value Master® Gloves

Unsupported natural rubber glove recommended for food processing, canning, lab work, pharmaceutical processing, and delicate electronic applications. Ideal for handling of many salts, alkalis, ketones, and acids. Yellow textured finish and 100% air tested. 18 mil, 12" flock lined gloves.
Part No. VM-L, Large
Part No. VM-XL, Extra large

Nitri-Solve® Gloves

Made from special nitrile (NBR) compound, Nitri-Solve provides excellent protection against abrasion, puncture, cut, and snags as well as resistance to a broad range of solvents, animal fats and other chemicals. Applications: food processing, petrochemical, refining, chemical processing, automotive assembly, painting, machine operations using cutting oil, metal fabrication, handling pesticides. Bisque finish for better grip. Green. 15 mil. 13" flock lined.
Part No. 730-9, Size 9
Part No. 730-10, Size 10

Natural Rubber Latex HD® Gloves

Unsupported natural rubber heavy duty glove is liquid proof for dip tank applications. Features a two-colour construction (red inside/black outside) for added safety. Smooth finish. Excellent for sandblasting and electroplating. This glove is not recommended for electrical use. 50 mil. Size 10.
Part No. **558-10**, 18" rolled cuff

Disposable Latex Gloves

Natural latex gloves are ideal for industrial repair work. They fit either hand while providing superior manual dexterity. Lightly powdered, the gloves are easy to put on and take off. Each glove features textured fingers that are ideal for gripping dirty parts and tools. Ideal for all mechanical repairs that do not require extensive chemical resistance.

Part No. 09193, 50-ct. box - Large.

Disposable Nitrile Gloves

Made from a 100% synthetic rubber that provides superior resistance to a wide range of solvents and hazardous chemicals. Nitrile gloves are suitable for users with natural rubber latex sensitivity. They feature textured fingers that provide a secure grip on dirty parts and tools. Gloves are lightly powdered, which makes them easier to put on and take off. When superior chemical resistance is required, Permatex® Nitrile Disposable Gloves provide users with ideal heavy duty hand protection.

Part No. 09194, 50-ct. box - Large.

Value-Touch™ Latex Disposable Gloves

•5 mil latex gloves •Medical exam grade •Excellent feel and gripping power •Lightly powdered •Excellent for automotive technicians, furniture refinishing, home repair, dental professionals, painters, hair stylists (dyeing), janitorial duties, general household use

PART NO.	QUANTITY	SIZE
6501	Box of 100 (50 pairs)	Small
6502	Box of 100 (50 pairs)	Medium
6503	Box of 100 (50 pairs)	Large
6504	Box of 100 (50 pairs)	X-Large
6503-01	Bag of 10 (5 pairs)	Large

Dyna Grip™ Powder Free Latex Disposable Gloves

•8 mil latex glove •Medical exam grade •Textured surface for incredible gripping power •Extreme flexibility •Easy slip on comfort •Excellent for automotive technicians, furniture refinishing, home repair, dental professionals, painters, hair stylists (dyeing), janitorial duties, general household use

PART NO.	QUANTITY	SIZE
650-1001	Box of 100 (50 pairs)	Small
650-1002	Box of 100 (50 pairs)	Medium
650-1003	Box of 100 (50 pairs)	Large
650-1004	Box of 100 (50 pairs)	X-Large

Thickster™ Heavy Duty Latex Disposable Gloves

•14 mil latex gloves •Maximum strength •Tear resistant •Textured grip •Lightly powdered •Ambidextrous •Non-sterile •Perfect for automotive technicians, painters, furniture refinishing, janitorial, agricultural

PART NO.	QUANTITY	SIZE
6602	Box of 50 (25 pairs)	Medium
6603	Box of 50 (25 pairs)	Large
6604	Box of 50 (25 pairs)	X-Large
6605	Box of 50 (25 pairs)	XX-Large
6603-01	Bag of 6 (3 pairs)	Large

Thickster™ Powder Free Latex Disposable Gloves

•Powder free •14 mil latex gloves •Maximum strength •12" long for extra protection •Tear resistant •Textured grip •Ambidextrous •Perfect for automotive technicians, painters, furniture refinishing, janitorial, agricultural

PART NO.	QUANTITY	SIZE
6602-PF	Box of 50 (25 pairs)	Medium
6603-PF	Box of 50 (25 pairs)	Large
6604-PF	Box of 50 (25 pairs)	X-Large
6605-PF	Box of 50 (25 pairs)	XX-Large

Derma-Lite™ Nitrile Disposable Gloves

•5 mil nitrile gloves •No natural rubber latex proteins •Maximum puncture resistance •Micro textured for better grip •Chemical/solvent resistance •Great feel - hugs contour of hand •Ambidextrous •Non-sterile •Lightly powdered •Excellent for automotive repair, refinishing, and parts repair

PART NO.	QUANTITY	SIZE
6606	Box of 100 (50 pairs)	Small
6607	Box of 100 (50 pairs)	Medium
6608	Box of 100 (50 pairs)	Large
6609	Box of 100 (50 pairs)	X-Large
6608-01	Bag of 10 (5 pairs)	Large

Derma-Lite™ Powder Free Nitrile Disposable Gloves

•Powder free •5 mil nitrile gloves •Chemical and solvent resistant •No natural rubber latex proteins •Maximum puncture resistance •Textured grip •Excellent for automotive repair, refinishing, and parts repair

PART NO.	QUANTITY	SIZE
6606-PF	Box of 100 (50 pairs)	Small
6607-PF	Box of 100 (50 pairs)	Medium
6608-PF	Box of 100 (50 pairs)	Large
6609-PF	Box of 100 (50 pairs)	X-Large

Derma-Max™ Powder Free Nitrile Gloves

•Powder free exam grade •8 mil nitrile gloves •12" length for added protection •Beaded cuff •50 gloves by weight per box •Textured fingers for a secure grip, wet or dry •Maximum barrier protection from solvents, thinners, paint, brake dust and brake cleaner, carburetor cleaner, and other chemicals

PART NO.	QUANTITY	SIZE
6606-40	Box of 50 (25 pairs)	Small
6607-40	Box of 50 (25 pairs)	Medium
6608-40	Box of 50 (25 pairs)	Large
6609-40	Box of 50 (25 pairs)	X-Large

Vinyl-Guard™ Gloves

•Lightly powdered •Comfortable fit •Latex free •Sensitive touch •4 mil thickness

PART NO.	QUANTITY	SIZE
6506	Box of 100 (50 pairs)	Small
6507	Box of 100 (50 pairs)	Medium
6508	Box of 100 (50 pairs)	Large
6509	Box of 100 (50 pairs)	X-Large
6508-01	Bag of 10 (5 pairs)	Large

Wrinkled Finish, Latex Coated Knit Gloves

•Wrinkled latex finish •Knit backing with coating for durability and flexibility
Part No. 6637, Pair of medium
Part No. 6638, Pair of large
Part No. 6639, Pair of x-large

Glove Dispenser For Disposable Gloves

•Mounts on wall for convenience — frees up counter space •Metal construction •Conveniently holds different sizes of SAS Safety's disposable gloves sold above and on previous page
Part No. 6500-50.

SAS SAFETY CORP.®
When Protection Counts™

GANDER BRAND WELDING GLOVES

Welding Gloves

666B

PART NO.	DESCRIPTION
666B	Cow split, pearl back, blue palm gauntlet glove - with lined back and welted tips and seams
666B-1	Cow split, pearl back, blue palm gauntlet one finger mitt - with lined back and welted tips and seams
888	Gold cow split gauntlet glove - with lined back and welted tips and seams - riveted cuff
1167B	Blue cow split back, reverse deerskin palm gauntlet glove - with lined back and welted tips and seams
1567	Premium cow split back, reverse deerskin palm gauntlet glove - with lined back and welted tips and seams
7803B	Economy blue cow split, five finger gauntlet glove - with full hand lining and welted tips and seams
7803P	Economy pearl cow split, five finger gauntlet glove - with full hand lining and welted tips and seams
7805P	Economy pearl cow split, one finger gauntlet mitt - with full hand lining and welted tips and seams

888

1167B

1567

7803B

7803P

7805P

TIG (Tungsten Inert Gas) Gloves

1141

1144

Inseam sewn gold deer split gauntlet TIG - lockstitched seams and added thumbstrap for durability.
Part No. 1141-9, Size 9
Part No. 1**41-10**, Size 10
Part No. 1141-11, Size 11

Economy gold deer split gauntlet TIG - Kevlar sewn and added thumbstrap for durability.
Part No. 1144-9, Size 9
Part No. 1144-10, Size 10
Part No. 1144-11, Size 11

1144P

1241

Economy gold deer split gauntlet TIG with a backhand patch on left hand only - Kevlar sewn and added thumbstrap for durability.
Part No. 1144P-9, Size 9
Part No. 1144P-10, Size 10
Part No. 1144P-11, Size 11

Goat/sheep grain gauntlet TIG - with thumbstrap for durability.
Part No. 1241-9, Size 9
Part No. 1241-10, Size 10
Part No. 1241-11, Size 11

Heavy duty deer split gauntlet TIG - with wide cuff and back hand patch on left hand only.
Part No. 1525-9, Size 9
Part No. 1525-10, Size 10
Part No. 1525-11, Size 11

Inseam sewn gold deer grain gauntlet TIG - lockstitched seams for durability.
Part No. 1741-9, Size 9
Part No. 1741-10, Size 10
Part No. 1741-11, Size 11
Part No. 1741-12, Size 12

1525

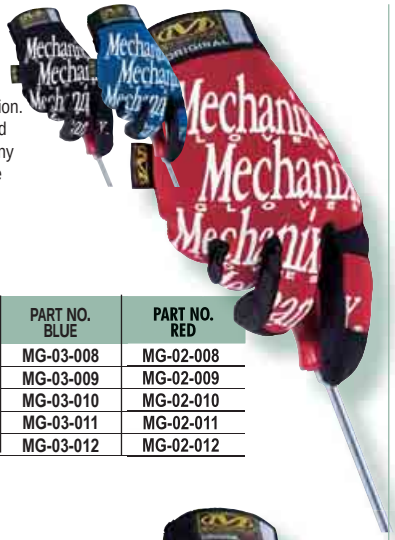
1741

Aluminized Fibreglass Heatshield

For use with welding gloves. Helps extend the life of your gloves. 5" x 6".
Part No. ALHS.

Bob Dale Gander Brand® Since 1948

Original Glove



Best all-around multi-purpose glove provides superior fit and control while affording excellent dexterity and protection. Mechanix Wear Original gloves are used by more professional mechanics than any other glove in the world. •Fully machine washable.

SIZE	PART NO. BLACK	PART NO. BLUE	PART NO. RED
small/size 8	**MG-05-008**	**MG-03-008**	**MG-02-008**
medium/size 9	**MG-05-009**	**MG-03-009**	**MG-02-009**
large/size 10	**MG-05-010**	**MG-03-010**	**MG-02-010**
x-large/size 11	**MG-05-011**	**MG-03-011**	**MG-02-011**
xx-large/size 12	**MG-05-012**	**MG-03-012**	**MG-02-012**

Original Plus Glove

The Non-Slip version of the Original Glove. Protective features of the Original Glove with a rubberized thumb, index and middle finger for tasks that require increased grip and durability. Colour: Grey.
Part No. MGP-08-008, Small/size 8.
Part No. MGP-08-009, Medium/size 9.
Part No. MGP-08-010, Large/size 10.
Part No. MGP-08-011, X-large/size 11.
Part No. MGP-08-012, XX-large/size 12.

M-Pact Glove

High performance multi-purpose glove with a host of features that will be appreciated by both weekend and professional mechanics alike. Colour: Black.
Part No. MMP-05-008, Small/size 8.
Part No. MMP-05-009, Medium/size 9.
Part No. MMP-05-010, Large/size 10.
Part No. MMP-05-011, X-large/size 11.
Part No. MMP-05-012, XX-large/size 12.

Fastfit® Glove

Affordable features, incredible fit and easy entry opening make this the one glove no home, auto, or garage should be without. Colour: Black.
Part No. MFF-05-008, Small/size 8.
Part No. MFF-05-009, Medium/size 9.
Part No. MFF-05-010, Large/size 10.
Part No. MFF-05-011, X-large/size 11.
Part No. MFF-05-012, XX-large/size 12.

Original Grip Glove

When you need a glove with maximum grip, trust the Original Grip Glove to hold your confidence. The Original Grip takes the well-rounded attributes of the Original Glove and adds serious grip, taking advantage of the unique dual layered PVC coated palm design with dimpled grip pattern. The only way to get more grip is to use glue!!. •Fully machine washable
Colour: Black.
Part No. M66-05-008, Small/size 8.
Part No. M66-05-009, Medium/size 9.
Part No. M66-05-010, Large/size 10.
Part No. M66-05-011, X-large/size 11.
Part No. M66-05-012, XX-large/size 12.

Cold Weather Original Glove

Mechanix Wear braves the cold. 3M® Thinsulate® lined Original Glove for handling race prep in cool conditions without sacrificing dexterity.
Colour: Black.
Part No. MCW-05-008, Small/size 8.
Part No. MCW-05-009, Medium/size 9.
Part No. MCW-05-010, Large/size 10.
Part No. MCW-05-011, X-large/size 11.
Part No. MCW-05-012, XX-large/size 12.

M-Pact II Glove

Professional grade super-duty workhorse glove with extensive padding that makes it the choice of most professional pit crew members. Colour: Black.
Part No. MP2-05-008, Small/size 8.
Part No. MP2-05-009, Medium/size 9.
Part No. MP2-05-010, Large/size 10.
Part No. MP2-05-011, X-large/size 11.
Part No. MP2-05-012, XX-large/size 12.

Fabricator Glove

High dexterity glove designed for fabrication of sheet metal, welding, and body work. 100% leather construction heat resistant cowhide panels on heel, inside, and outer edges of palm. Reinforcements on index, middle and ring fingers. Dual layer leather knuckle band. Suede deerskin top and fingers. Stretch Kevlar wedge insert. Easy entry with hook and loop closure.
Colour: Black.
Part No. MFG-05-008, Small/size 8.
Part No. MFG-05-009, Medium/size 9.
Part No. MFG-05-010, Large/size 10.
Part No. MFG-05-011, X-large/size 11.
Part No. MFG-05-012, XX-large/size 12.

MECHANIX WEAR

ERGODYNE® PROFLEX® PRECISION PURPOSE GLOVES

Proflex® Precision Purpose Gloves - VR Series

Designed for power tool operation or any job where vibration, impact and shock are present. Patented NU^2O_2® polymers combine with durable materials and protective features to deliver the most advanced vibration damping formula available. Technical features meet the rigorous ANSI Anti-Vibration Glove Standard: ANSI S3.40-2002. •Pigskin leather palm and fingers for rugged wear and abrasion resistance •PVC shell for extra protection for the back of the hand •Micro-injected closure for quick cinching •Woven elastic cuff for a perfect fit •Wicked™ treated •Pull-on tab

Part No. 9015-S, Small.
Part No. 9015-M, Medium.
Part No. 9015-L, Large.
Part No. 9015-XL, X-large.
Part No. 9015-2XL, 2X-large.

Proflex® Precision Purpose Gloves - Trade Series

For the professional tradesman. Mechanics, assemblers, carpenters, HVAC, electricians, machinists and many more rely on the highest quality materials and impact absorbing polymers that team up to provide superb dexterity, function and protection. •Akton visco elastic polymer pad to dampen shock and impact •Textured PVC palm •Neoprene knuckle pad •Breathable stretch spandex •Reinforced fingers and thumb

Part No. 710-BLK-S, Black, Small.
Part No. 710-BLK-M, Black, Medium.
Part No. 710-BLK-L, Black, Large.
Part No. 710-BLK-XL, Black, X-large.
Part No. 710-BLK-2XL, Black, 2X-large.

Part No. 710-BLU-S, Blue, Small.
Part No. 710-BLU-M, Blue, Medium.
Part No. 710-BLU-L, Blue, Large.
Part No. 710-BLU-XL, Blue, X-large.
Part No. 710-BLU-2XL, Blue, 2X-large.

Proflex® Precision Purpose Gloves - Handler Series

Textured PVC palm and fingertips •Padded breathable spandex back •Micro-injected closure for quick cinching •Woven elastic cuff •Neoprene knuckle pad

Part No. 820-S, Small.
Part No. 820-M, Medium.
Part No. 820-L, Large.
Part No. 820-XL, X-large.
Part No. 820-2XL, 2X-large.

Proflex® Precision Purpose Gloves - Handler Series

Whether you push it, pull it, slam it, toss it, or tow it — these gloves will help you get the job done. •Textured silicone palm and fingers •Padded breathable spandex back •Micro-injected closure for quick clinching •Woven elastic cuff •Neoprene knuckle pad •Terry thumb brow wipe •Ideal for dry surfaces

Part No. 821-S, Small.
Part No. 821-M, Medium.
Part No. 821-L, Large.
Part No. 821-XL, X-large.
Part No. 821-2XL, 2X-large.

Proflex® Precision Purpose Gloves - Utility Series

If your job is all about lifting, loading, picking, packing, pulling, pushing, shipping, and/or receiving — these gloves are for you. •Easy fit flair cuff •Terry thumb brow wipe •All Amara palm •Padded spandex back •Reinforced fingertips •Black

Part No. 815-BLK-S, Small.
Part No. 815-BLK-M, Medium.
Part No. 815-BLK-L, Large.
Part No. 815-BLK-XL, X-large.
Part No. 815-BLK-2XL, 2X-large.

Proflex® Precision Purpose Gloves - Thermal Series

Ideal for any task performed in the cold, where warmth, comfort and full dexterity are still necessary to do the job. Special materials provide additional windproofing and waterproofing protection. •40 g 3M Thinsulate™ insulation •Woven elastic cuff with hook and loop closure •Padded spandex back •Double reinforced palm •Neoprene knuckle pad •Terry thumb brow wipe •Amara synthetic leather

Part No. 817-S, Small.
Part No. 817-M, Medium.
Part No. 817-L, Large.
Part No. 817-XL, X-large.
Part No. 817-2XL, 2X-large.

Proflex® Precision Purpose Gloves - X Factor Series

Specialized hand protection for emergency, rescue, construction and other extreme tasks. Key ingredients include Kevlar, Keprotec, Armortex and gel padding. •Abrasion and puncture resistant Keprotec reinforcement on palm, fingers and thumb saddle •Amara on fingers, thumb, and palm •Double needle Kevlar stitching •EVA padded knuckle with reflective nylon •Debris control elastic cuff •EVA palm padding to damp shock, impact •PVC reinforced fingertip gripping zones •Stretch spandex shell for comfort and fit •9" model

Part No. 730-S, Small.
Part No. 730-M, Medium.
Part No. 730-L, Large.
Part No. 730-XL, X-large.
Part No. 730-2XL, 2X-large.

Coats/Sweats/Jackets

SIZE	COATS/SWEATS/ JACKETS	SHIRTS
Small	34 - 36	14" - 14½"
Medium	38 - 40	15" - 15½"
Large	42 - 44	16" - 16½"
X-Large	46 - 48	17" - 17½"
2X-Large	50 - 52	18" - 18½"
3X-Large	54 - 56	19" - 19½"
4X-Large	58 - 60	20" - 20½"
5X-Large	62 - 64	—

Coveralls

COVERALLS SIZE	HEIGHT RANGE
Regular	5'7" thru 5'11"
Tall	5'11" thru 6'3"

Socks

SOCK SIZE	SHOE SIZE (MEN)	SHOE SIZE (WOMEN)
Medium	5 - 9	6 - 8½
Large	9 - 12	9 - 12
X-Large	12 - 15	N/A

Hats

HAT SIZE	HAT MEASUREMENT (IN DIAMETER)	HEAD MEASUREMENT (INCHES)
Medium/Large	7-7¼	22" - 22¾"
Large/X-Large	7⅜-7⅝	23¼" - 24"

Carhartt

Colour swatches

NOTE: Intended to be used as a guideline only — colours will not be exact matches.

Carhartt Brown

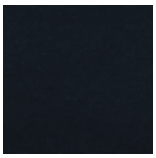
Dark Brown

Black

Moss

Camel

Petrol


Midnight

Navy

Darkstone

Prewash

Heather Gray

Vintage Olive

Olive

Independence Red

Khaki

Red

Charcoal

Sand

Section N

Safety Products

Look!
Fresh out of the crate!!
What's New In this Section?
We've highlighted new-product lines in this section with a "New" logo.
Please Note: Many existing product lines have been expanded and may not be listed on this quick index.
FRAGILE
HANDLE WITH CARE
Product Line
Procore Safety Vests N4
Viking® Safety Vests N6
Gregg Distributors Ltd.
Section N

HI-VIZ LIME/YELLOW FABRIC TRAFFIC VEST

•Meets or exceeds CSA Level 2 •Hi-Viz lime/yellow polyester with 2" silver North-Lite™ reflective material •One 360° horizontal stripe around torso, 2 vertical stripes on front and X on back

Part No. TV52B4/LM, Medium.
Part No. TV52B4/LL, Large.
Part No. TV52B4/LXL, X-Large.
Part No. TV52B4/L2XL, 2X-Large.
Part No. TV52B4/L3XL, 3X-Large.

BRIGHT ORANGE MESH TRAFFIC VEST

•Bright orange polyester mesh with 2" yellow North-Brite™ reflective material •2 vertical stripes on front and X on back •Front Velcro closure - elastic with buckle adjustment on both sides

Part No. TV50RS, Regular.
Part No. TV50RS/XL, X-Large.

BRIGHT ORANGE MESH TRAFFIC VEST - MEETS BRITISH COLUMBIA STANDARD

•Bright orange polyester mesh with 2" yellow North-Brite™ reflective material •2 vertical stripes on front and X on back - horizontal stripe on sides •Front Velcro closure

Part No. TV51RSBC, One size.
Part No. TV51RSTABC, 5 point tear-away, one size.

BRIGHT ORANGE DAYTIME MESH TRAFFIC VEST

•For daytime use only •Bright orange polyester mesh with 2" yellow Day-Lite™ striping •2 vertical stripes on front and X on back - horizontal stripe on sides •Front Velcro closure

Part No. TV51RS/2, One size.

BRIGHT ORANGE SURVEYOR'S VEST

•Bright orange cotton with 2" yellow North-Brite™ reflective material •2 vertical stripes on front and X on back - horizontal stripe on sides •Multiple pockets •Snap closure in front

Part No. TV98CY/OM, Medium.
Part No. TV98CY/OL, Large.
Part No. TV98CY/OXL, X-Large.
Part No. TV98CY/O2XL, 2X-Large.

TRAFFIC SASH BELTS

•2" yellow North-Brite™ reflective material sewn on orange nylon fabric •2 vertical stripes on front and X on back •Adjustable Velcro closure - pass through plastic D ring adjustable belt

Part No. TV25/M, Medium.
Part No. TV25/L, Large.
Part No. TV25/XL, X-Large.
Part No. TV25/2XL, 2X-Large.

TRAFFIC SASH BELTS

Meets British Columbia Standard

•2" yellow North-Brite™ reflective material sewn on orange nylon fabric •2 vertical stripes on front and X on back •Horizontal stripe on sides •Adjustable Velcro closure - pass through plastic D ring adjustable belt

Part No. TV25BC/M, Medium.
Part No. TV25BC/L, Large.
Part No. TV25BC/XL, X-Large.
Part No. TV25BC/2XL, 2X-Large.

ELASTICIZED REFLECTIVE TRAFFIC SASH BELTS

•1½" yellow/silver/yellow North-Lite™ reflective material •2 vertical stripes on front and X on back •Horizontal stripe on sides •Fully adjustable

Part No. TV20E, One size.

TRAFFIC FLAGS

•Fluorescent orange nylon with dowel sleeve and 3 grommets

Part No. FLA16/GR, 16" x 16".
Part No. FLA22/GR, 18" x 18".

NORTH®

NORTH
NTH/2769

Traffic Safety Products

TRAFFIC CONES
•Heavy duty •Hi-Viz orange, low density polyethylene traffic cones •UV resistant stabilizer
Part No. 1617/12, 12”, 13 oz. (350g).
Part No. 1617/18, 18”, 1.5 lb. (690g).

WEIGHTED TRAFFIC CONES
•Heavy duty •Hi-Viz orange, low density polyethylene traffic cones •UV resistant stabilizer
Part No. 1617/183C, 18”, 3.8 lb. (1740g).

STOP - SLOW TRAFFIC PADDLES
•Octagonal shaped paddles are ideal for flaggers, crossing guards, etc. •Reflective material supplies high visible message day or night •10” aluminum handle
Part No. PTA002P, 12”x12” plastic.
Part No. PTA002ALRF, 12”x12” reflective aluminun.
Part No. PTA015BC, 16”x16” reflective plastic.

BARRICADE TAPE
•Made of strong polyethylene •Thickness: 0.002 mil
3” x 200 ft.
Part No. CT3YE1/200, CAUTION (yellow).
Part No. CT3YE2/200, CAUTION - DO NOT ENTER (yellow).

3” x 1000 ft.
Part No. CT3YE1, CAUTION (yellow).
Part No. CT3YE2, CAUTION - DO NOT ENTER (yellow).
Part No. CT3RE8, DANGER - DO NOT ENTER (red).

SEAM
SEA/3508

Traffic Supplies

TRAFFIC FLAGS (10 OZ. MESH)
Traffic flags in fluorescent orange 10 oz. mesh. Hemmed on all sides.
16” x 16”
Part No. TF-0116, dowel sleeve.
Part No. TF-0116-GR, c/w 2 grommets.

18” x 18”
Part No. TF-0118, dowel sleeve.
Part No. TF-0118-GR, c/w 2 grommets.

TRAFFIC FLAGS (NYLON)
Traffic flags in fluorescent orange nylon. Hemmed on all sides.
16” x 16”
Part No. TF-0616, dowel sleeve.
Part No. TF-0616-GR, c/w 2 grommets.

18” x 18”
Part No. TF-0618, dowel sleeve.
Part No. TF-0618-GR, c/w 2 grommets.

TRAFFIC FLAGS (PVC)
Traffic flags in fluorescent orange PVC. Hemmed on all sides.
16” x 16”
Part No. TF-0916, dowel sleeve.
Part No. TF-0916-GR, c/w 2 grommets.

18” x 18”
Part No. TF-0918, dowel sleeve.
Part No. TF-0918-GR, c/w 2 grommets.

FLAG DOWELING
3/4” wooden flag doweling.
Part No. TF-24, 24”.
Part No. TF-36, 36”.
Part No. TF-48, 48”.

TRAFFIC CONES
100% PVC construction for durability. Improved design using a wider weighted base. This provides a lower centre of gravity which results in minimum windlift and gives maximum stability.
Part No. TC-206, 6” PVC, .75 lbs.
Part No.TC-212, 12” PVC, 1.25 lbs.
Part No.TC-218, 18” PVC, 3 lbs.
Part No. TC-218-5, 18” PVC, 5 lbs.
Part No. TC-228, 28” PVC, 7 lbs.
Part No. TC-228-10, 28”PVC, 10 lbs.

TRAFFIC CONE REFLECTIVE COLLARS
These collars are made from high intensity reflective tape, precision diecut to fit standard cones. The collars extend fully round the cone for maximum night time visibility.
Part No. TC-COLL-4, 4” wide.
Part No. TC-COLL-6, 6” wide.

SLOW MOVING TRAFFIC SIGN
Part No. TS-SV10, metal.

Proud Canadians!

A-FRAME SIGNS
Part No. TS-500, Men Working.
Part No. TS-525, Flag Person.
Part No. TS-550, Survey.

CITY/RESIDENTIAL STOP/SLOW PADDLE
12" handle.
Part No. FTA12X0002.

STOP/SLOW TALL ALBERTA HIGHWAY APPROVED TRAFFIC SIGN PADDLE
5 ft. fibreglass extension pole.
Part No. FTA45X0001.

CAUTION TAPES
Part No. TT-100, Plain yellow traffic tape.
Part No. TT-150, Plain red traffic tape.
Part No. TT-200, Yellow - "caution - caution" tape.
Part No. TT-275, Yellow - "caution hazard" tape.
Part No. TT-295, Yellow - "caution hazardous" tape.
Part No. TT-300,Yellow - "caution do not enter" tape.
Part No. TT-375, Yellow - "caution wet floor" tape.
Part No. TT-380, Yellow - "caution asbestos hazard" tape.
Part No. TT-385, Yellow - "caution high voltage" tape.
Part No. TT-395, Yellow - "caution hazardous material" tape.

DANGER TAPES
Part No. TT-400, Yellow - "danger - danger" tape.
Part No. TT-425, Red - "danger asbestos hazard" tape.
Part No. TT-450, Yellow - "danger do not enter" tape.
Part No. TT-500, Red - "danger - danger" tape.
Part No. TT-550, Red - "danger do not enter" tape.
Part No. TT-575, Yellow - "danger high voltage" tape.

NOTE: All caution tapes are 3" x 1000 ft. rolls.

MUNICIPAL TAPES
Part No. TT-600, Yellow - "fire line do not cross" tape.
Part No. TT-700, Yellow - "police line do not cross" tape.
Part No. TT-725, Yellow - "crime scene do not cross" tape.

CONSTRUCTION TAPES
Part No. TT-325, Blue - "caution buried water line below" tape.
Part No. TT-800, Yellow - "caution electric line buried below" tape.
Part No. TT-825, Red - "caution electric line buried below" tape.
Part No. TT-900, Yellow - "caution open trench" tape.
Part No. TT-915, Yellow - "caution men working" tape.
Part No. TT-925, Yellow - "caution men working overhead" tape.
Part No. TT-950, Yellow - "caution construction area" tape.
Part No. TT-975, Yellow/black stripe tape.

BARRICADE WARNING LIGHT & STAND
Part No. TL-100, Amber photocell flasher light.
Part No. TS-400, Flasher light pedestal stand.

NOTE: All caution tapes are 3" x 1000 ft. rolls.

CAUTION TAPES
Part No. 76-3922RL, Plain yellow traffic tape.
Part No. 76-3923RL, Plain red traffic tape.
Part No. 76-3901RL, Yellow - "caution - caution" tape.
Part No. 76-3904RL, Yellow - "caution hazard" tape.
Part No. 76-3905RL, Yellow - "caution hazardous" tape.
Part No. 76-3903RL, Yellow - "caution do not enter" tape.
Part No. 76-3912RL, Yellow - "caution wet floor" tape.
Part No. 76-3911RL, Yellow - "caution asbestos hazard" tape.
Part No. 76-3902RL, Yellow - "caution high voltage" tape.
Part No. 76-3906RL, Yellow - "caution hazardous material" tape.

DANGER TAPES
Part No. 76-3920RL, Yellow - "danger - danger" tape.
Part No. 76-3918RL, Red - "danger asbestos hazard" tape.
Part No. 76-3917RL, Yellow - "danger do not enter" tape.
Part No. 76-3921RL, Red - "danger - danger" tape.
Part No. 76-3919RL, Red - "danger do not enter" tape.
Part No. 76-3916RL, Yellow - "danger high voltage" tape.

MUNICIPAL TAPES
Part No. 76-3913RL, Yellow - "fire line do not cross" tape.
Part No. 76-3914RL, Yellow - "police line do not cross" tape.
Part No. 76-3915RL, Yellow - "crime scene do not cross" tape.

CONSTRUCTION TAPES
Part No. 76-3924RL, Green - "buried sewer line below" tape.
Part No. 76-3925RL, Blue - "caution buried water line below" tape.
Part No. 76-3926RL, Yellow - "caution buried electric line below" tape.
Part No. 76-3927RL, Red - "caution buried electric line below" tape.
Part No. 76-3928RL, Orange - "caution buried gas line below" tape.
Part No. 76-3910RL, Yellow - "caution open trench" tape.
Part No. 76-3908RL, Yellow - "caution men working" tape.
Part No. 76-3909RL, Yellow - "caution men working overhead" tape.
Part No. 76-3907RL, Yellow - "caution construction area" tape.
Part No. 76-3900RL, Yellow/black stripe tape.

TECHSPAN AUTOMOTIVE

SAFEWAY

SFW/3990

Barricade Warning Light

Amber Barricade Warning Light c/w mounting bolt and washer. Easy to service lens design. Hidden on-off switch. Reliable solid state electronics. Rugged polypropylene case. Encapsulated drop in flasher circuit. Polycarbonate lens with precision optics.
Part No. 610090.

Stand Not Included

PROCORE

PCR/3311

Safety Vests

YELLOW GREEN MESH HIGH VISIBILITY SAFETY VEST
2" Hi-Vis white reflective tape with "X" pattern on back. 2 lengthwise stripes on front and horizontal stripes on sides. Adjustable Velcro side tabs and front closure for one size fits all. 24" overall length. B.C. and Alberta code.
Part No. 55-0002.

NEW!!

SAFETY VESTS

NNN/3323

High Visibility

FLUORESCENT ORANGE SAFETY VEST
2" Hi-Vis yellow reflective tape with "X" pattern on back and 2 lengthwise vertical stripes on front. Adjustable side tabs for sizing with horizontal reflective tape and Velcro closure. 24" overall length. B.C. and Alberta code.
Part No. 590.
Part No. 591, comes with Velcro shoulder tear-away feature.

YELLOW/GREEN FLUORESCENT SAFETY VEST
•CSA standard •360° 3M Scotchlite Tape® •CSA Z96-02 Class 2 Level 2 •One size fits all with adjustable side pieces •5 point tear away
Part No. 692.

DEGIL

SAF/1745

High Visibility Suspenders/Belts

Day or night reflective high-visibility material with a reflective power of over 400 candlepower. Good safety device for being seen when you are working, jogging, biking — also great for crossing guards or anybody working in a high traffic area. Suspenders and belt can be used together or by themselves. Fluorescent yellow. One size.
Part No. 78100, Suspenders - 1½" x 50".
Part No. 78101, Belt - 2" x 39".

SURVEY VESTS

Made in orange 100% cotton with 2" reflective stripes, 2 vertical stripes on front, X on the back, horizontal side reflective. Three snap front closure. There are eight pockets: two inside and six front pockets. The bottom pockets are pouch-style with Velcro closure on flap. BC compliant.
Part No. TV-163-2S-M, Medium.
Part No. TV-163-2S-L, Large.
Part No. TV-163-2S-XL, Extra large.

NIGHT FLAGGING VEST

Orange PVC Coated Mesh, 10 oz.
Part No. TV-0142, One size fits all.

SCHOOL PATROL VESTS

Orange PVC Coated Mesh, 10 oz.
Part No. TV-0192A, Adult size.
Part No. TV-0192C, Child size.

TRAFFIC VEST

Orange PVC Coated Mesh, 10 oz. Two snap closure, horizontal reflective striping.
Part No. TV-0101, One size fits all.

TRAFFIC VEST

Orange PVC Coated Mesh, 10 oz. Two snap closure, no reflective striping.
Part No. TV-0110, One size fits all.

TRAFFIC VESTS

Orange. With 2" reflective stripes, 2 vertical stripes on front, X on the back with elastic sides and Velcro front closure.
Part No. TV-0102, PVC Coated Mesh, 10 oz., one size fits all.
Part No. TV-0132, PVC Coated Mesh, 10 oz., Tear-Away*, one size fits all.
Part No. TV-0602, Nylon, 10 oz., one size fits all.
Part No. TV-0632, Nylon, 7 oz., Tear-Away*, one size fits all.
Part No. TV-0502, Polyester Mesh, 4 oz., one size fits all.
Part No. TV-0502L, Polyester Mesh, 4 oz., large.
Part No. TV-0502XL, Polyester Mesh, 4 oz., extra large.
Part No. TV-05022X, Polyester Mesh, 4 oz., 2x extra large.
Part No. TV-05023X, Polyester Mesh, 4 oz., 3x extra large.
Part No. TV-05024X, Polyester Mesh, 4 oz., 4x extra large.
Part No. TV-05025X, Polyester Mesh, 4 oz., 5x extra large.
Part No. TV-1602-B, One size fits all.

*5 Point "Tear-Away" feature is recommended when there is danger of catching onto moving vehicles.

FIRE RETARDANT TRAFFIC VESTS

Orange PVC Coated with Fire Retardant Mesh, 10 oz. With 2" reflective stripes, 2 vertical stripes on front, X on the back with elastic sides and Velcro front closure.
Part No. TV-1102, One size fits all.
Part No. TV-1102L, Large.
Part No. TV-1102XL, Extra large.
Part No. TV-11022X, 2x extra large.
Part No. TV-11023X, 3x extra large.
Part No. TV-11024X, 4x extra large.
Part No. TV-11025X, 5x extra large.

B.C. CODE TRAFFIC VESTS

Orange. With 2" reflective stripes, 2 vertical stripes on front, X on the back, horizontal side reflective and Velcro front closure.
Part No. TV-0102BC, PVC Coated Mesh, 10 oz., one size fits all.
Part No. TV-0502BC, Polyester Mesh, 4 oz., one size fits all.

3" TRAFFIC HARNESS

With "X" on back Orange Nylon with 2" yellow reflective striping "X" on Back. One snap closure.
Part No. TH0500-S, Small.
Part No. TH0500-M, Medium.
Part No. TH0500-L, Large.
Part No. TH0500-XL, Extra large.

4" TRAFFIC HARNESS

With "X" on back Orange Nylon with 2" yellow reflective striping "X" on Back. One snap closure.
Part No. TH0501-S, Small.
Part No. TH0501-M, Medium.
Part No. TH0501-L, Large.
Part No. TH0501-XL, Extra large.
Part No. TH0501-BCS, Small (B.C. code).
Part No. TH0501-BCM, Medium (B.C. code).
Part No. TH0501-BCL, Large (B.C. code).
Part No. TH0501-BCXL, Extra large (B.C. code).
Part No. TH0501-BCXXL, XX-large (B.C. code).

3" TRAFFIC HARNESS

With "Y" on back Orange Nylon with 2" yellow reflective striping "Y" on Back. One snap closure.
Part No. TH0600-S, Small.
Part No. TH0600-M, Medium.
Part No. TH0600-L, Large.
Part No. TH0600-XL, Extra large.

SEAM
Safety Clothing

TRAFFIC ARMBANDS
Provides added safety when worn with safety garments
Part No. TM0618, Made in 4" fluorescent orange nylon with a 2" yellow reflective stripe with Velcro.
Part No. TM-18, 2" yellow reflective with Velcro.

TM0618

TM-18

TRAFFIC CUFF
Made in fluorescent orange 10 oz. PVC mesh with two 2" yellow reflective stripes, fitted with Velcro closure.
Part No. TM0109.

FIRE RETARDANT SLEEVES
Pair of 18" canvas sleeves with elastic at both ends.
Part No. SL-7045.

SELF-ADHESIVE VINYL REFLECTIVE PATCHES
Safety self-adhesive patches. Available in reflective yellow or white, these vinyl patches are ideal for use on hard hats to draw attention to the location of a worker. Can be used for a variety of other applications — just peel and stick.
Part No. TP-1X4-YL, Sheet of 16, 1" x 4" self-adhesive patches, reflective yellow.
Part No. TR-1X4-WH, Sheet of 16, 1" x 4" self-adhesive patches, reflective white.

VIKING®
Safety Vests

MESH CSA SAFETY VEST
•Compliant with CSA Z96-02 & ANSI Class 2, level 2 •4" 3M safety reflective stripes •Polyester mesh and extra wide edging tape •Safety D ring slot access •5 point Velcro tear away design •Four front pockets •Machine washable •Fit-all adjustable sizing
Part No. VKSVO, Orange.
Part No. VKSVG, Green.

OPEN ROAD MESH SAFETY VEST
•Meets ANSI/ISEA 107-2004 safety vest standards •Tape configuration meets WCB requirement •Polyester mesh and edging tape •2" DM reflective tape •Safety D ring slot access •5 point Velcro tear away design •Four front pockets •Machine washable •Fit-all adjustable sizing
Part No. ORSVO, Orange.
Part No. ORSVG, Green.

UVEX
Safety Eyewear

UVEX GENESIS®
•Unparalleled comfort, protection and style •Dual 9 base "wraparound" lens design provides uncompromised peripheral vision and protection •Soft flexible fingers conform to any nasal profile •Soft elastomer browguard provides comfort and protection •Meets military Vo ballistic impact requirements •Adjustable lens inclination and temples •Meets ANSI Z87.1 and CSA Z94.3-1992 standards

PART NO.	LENS TINT & COATING	FRAME COLOUR
S3200X	Clear XTR	Black
S3201X	Espresso XTR	Black
S3202X	Amber XTR	Black
S3203	Gold MIR UD	Black
S3204	SCT-REFLECT 50 UD	Black
S3205X	SCT-GREY XTR	Black
S3211X	SCT-BLUE	Black
S3206	2.0 ID UD	Black
S3207	3.0 ID UD	Black
S3208	5.0 ID UD	Black
S3209	SCT LOW IR UD	Black
S3210X	SCT-VERM XTR	Black
S3213X	50% GREY XTR	Black
S3240X	Clear XTR	Vapour Blue
S3241X	Espresso XTR	Vapour Blue
S3242	Amber UD	Vapour Blue
S3243	Gold MIR UD	Vapour Blue
S3244	SCT-REFLECT 50 UD	Vapour Blue

REPLACEMENT LENSES (Pair):

S6900X	Clear XTR
S6901X	Espresso XTR
S6902X	Amber XTR
S6903	Gold MIR UD
S6904	SCT-REFLECT 50 UD
S6905X	SCT-GREY XTR
S6906	2.0 ID UD
S6907	3.0 ID UD
S6908	5.0 ID UD
S6909	SCT LOW IR UD
S6910X	SCT-VERM XTR
S6911X	SCT-BLUE
S6913X	50% GREY XTR

Rx INSERT	
S3350	Rx Insert

Proud Canadians!

UVEX FITLOGIC™

•The Uvex Fitlogic™ is the first safety eyewear ever to offer a custom fit for any face. Using groundbreaking design and smart engineering •COMFORT FEATURES: •Revolutionary Browbar Self-Adjusts For Secure Fit - with spring like action, the browbar flexes to fit. Soft and flexible, it has just enough tension to fit comfortably on wide faces and securely on narrow faces •Smart Nosepiece Construction Adjusts To Any Nose - amazing patented nosepiece rotates 360° and pivots left, right, in and out. It can be precisely fitted to any nose bridge •Precise Angle Adjustment To Fit Any Cheekbone - the temple arms ratchet up and down and click securely into place to contour fit any cheek profile •Infinite Temple Length Adjustment Fits To Any Ear - the temples lengthen with a precise, sliding action for better fit and more behind the ear comfort •LENS FEATURES: •Extended wrap around lens provide extra cheek and side coverage •Optically perfected polycarbonate lens blocks 99.9% of UV rays •Easy and quick lens replacement •100% dielectric •Meets ANSI Z87+ and CSA Z94.3 standards

PART NO.	FRAME COLOUR	LENS TINT	LENS COATING
S0400X	Black/Silver	Clear	Uvextreme®
S0401X	Black/Silver	Grey	Uvextreme
S0402	Black/Silver	Amber	Ultra-dura®
S0403	Black/Silver	Silver Mirror	Ultra-dura
S0404	Black/Silver	SCT-Reflect 50	Ultra-dura
S0405X	Black/Silver	SCT-Grey	Uvextreme
S0406X	Black/Silver	SCT-Vermilion	Uvextreme
S0407X	Black/Silver	SCT-Blue	Uvextreme
S0410X	Black/Red	Clear	Uvextreme
S0411X	Black/Red	Grey	Uvextreme
S0412	Black/Red	Amber	Ultra-dura
S0413	Black/Red	Silver Mirror	Ultra-dura
S0414	Black/Red	SCT-Reflect 50	Ultra-dura
S0415X	Black/Red	SCT-Grey	Uvextreme
S0416X	Black/Red	SCT-Vermilion	Uvextreme
S0417X	Black/Red	SCT-Blue	Uvextreme

REPLACEMENT LENSES (Pair):

S0490X	Clear XTR
S0491X	Grey XTR
S0492	Amber UD
S0493	Silver MIR UD
S0494	SCT-REFLECT 50 UD
S0495X	SCT-GREY XTR
S0496X	SCT-VERM XTR
S0497X	SCT-BLUE XTR

Safety Products

UVEX FITLOGIC™ READING MAGNIFIERS

•Individual bifocal readers molded directly into a clear lens •Offers increased magnification for reading, inspection, and fine detail work •+1.5, +2.0, and +2.5 diopter strengths available for workers who have difficulty reading smaller print

PART NO.	FRAME COLOUR	LENS TINT/COATING	DIOPTER STRENGTH	REPLACEMENT LENSES
S0471	Black/Silver	Clear/Hardcoat	+ 1.5	S0481
S0472	Black/Silver	Clear/Hardcoat	+ 2.0	S0482
S0473	Black/Silver	Clear/Hardcoat	+ 2.5	S0483

Please see page N10 for a description of lens tints & coatings.

uvex®

Hold this chart 14 inches from face to figure diopter strength.	Diopter
If this line is difficult to read, use	+1.5
If this line is difficult to read, use	+2.0
If this line is difficult to read, use	+2.5

NEW!!

UVEX IGNITE™

COMFORT: •Lightweight design for all-day comfort •Adjustable nose piece reduces slippage and provides a personalized, comfortable fit •Soft temple tip pads ensure a fit that is both comfortable and secure PROTECTION: •A nine-base wrap-around lens design offers 180º of distortion-free, unobstructed vision •Meets ANSI Z87+ and CSA Z94.3 standards STYLE: •Sleek, sporty, frameless design

PART NO.	LENS TINT & COATING	FRAME COLOUR
S4400X	Clear/Uvextra™ AF	Gloss Black & Silver
S4410X	Clear/Uvextra™ AF	Metallic Red & Silver
S4401X	Grey/Uvextra™ AF	Gloss Black & Silver
S4411X	Grey/Uvextra™ AF	Metallic Red & Silver
S4402	SCT-Reflect 50/Hardcoat	Gloss Black & Silver
S4412	SCT-Reflect 50/Hardcoat	Metallic Red & Silver
S4403	Silver Mirror/Hardcoat	Gloss Black & Silver
S4413	Silver Mirror/Hardcoat	Metallic Red & Silver

UVEX
Safety Eyewear

UVEX PIVOT™

•The Uvex Pivot brings a new level of sport styling and cushioned comfort to the safety industry with its advanced features: •Two Colour Frame - lightweight profile enhances full frame look •Textured In-Mold Design - gives frame a high style look •Wrap Around 6 Base Lens - gives extra cheek and side coverage •Ventilation Channels - minimize fogging •Ratcheting Temples - allow lens angle modification •Premium Blue Ice and orange multi-layered mirror lenses •Easy and quick lens replacement system •Looks great even with a clear lens •Meets ANSI Z87+ and CSA Z94.3 standards

PART NO.	FRAME COLOUR	LENS TINT	LENS COATING
S2140X	Black/Silver	Clear	Uvextreme®
S2141X	Black/Silver	Grey	Uvextreme
S2142X	Black/Silver	Amber	Uvextreme
S2143	Black/Silver	Blue Ice Mirror	Ultra-dura®
S2144	Black/Silver	Orange Mirror	Ultra-dura
S2145	Black/Silver	SCT-Reflect 50	Ultra-dura
S2150X	Blue/Water	Clear	Uvextreme
S2151X	Blue/Water	Grey	Uvextreme
S2152X	Blue/Water	Amber	Uvextreme
S2153	Blue/Water	Blue Ice Mirror	Ultra-dura
S2154	Blue/Water	Orange Mirror	Ultra-dura
S2155	Blue/Water	SCT-Reflect 50	Ultra-dura

REPLACEMENT LENSES

PART NO.	LENS TINT	LENS COATING
S6010X	Clear	Uvextreme
S6011X	Grey	Uvextreme
S6012X	Amber	Uvextreme
S6013	Blue Ice Mirror	Ultra-dura
S6014	Orange Mirror	Ultra-dura
S6015	SCT-Reflect 50	Ultra-dura

UVEX SLATE™

COMFORT: •Flexible spring hinge temples adapt to a variety of facial profiles and help keep eyewear securely in place •Soft, adjustable, rubber temple tips offer extended comfort and a custom fit •Adjustable saddle pad nosepiece adds comfort and helps prevent slippage
PROTECTION: Dual nine-base wrap-around, polycarbonate lens design provides built-in side protection and superior coverage •Meets ANSI Z87 and CSA Z94.3-1992 standards

PART NO.	LENS TINT & COATING	FRAME COLOUR
S4110X	Clear/Uvextra™ AF	Matte Gunmetal
S4111X	Grey/Uvextra™ AF	Matte Gunmetal
S4112	Gold Mirror/Hardcoat	Matte Gunmetal

UVEX FALCON®

•Dual 9 base "wraparound" lens design provides superior peripheral vision and protection •Frameless protective eyewear is as "light as a feather" •High impact protector •Adjustable temple lengths ensure a proper fit •Meets ANSI Z87.1 and CSA Z94.3-1992 standards

PART NO.	LENS TINT & COATING	FRAME COLOUR
S4500X	Clear XTR	Black
S4501X	Espresso XTR	Black
S4502X	Amber XTR	Black
S4504	SCT-REFLECT 50 UD	Black

REPLACEMENT LENSES (Pair):

S6700X	Clear XTR
S6701X	Espresso XTR
S6702X	Amber XTR
S6704	SCT-REFLECT 50 UD

UVEX SKYPER® & SKYLINE®

SKYPER®

•Wraparound protective spectacle offering exceptional comfort, protection and fit •Unilens design
•Adjustable temple length and lens inclination
•Meets ANSI Z87.1 and CSA Z94.3-1992 standards

PART NO.	LENS TINT & COATING	FRAME COLOUR
S1900X	Clear XTR	Black
S1901X	Espresso XTR	Black
S1902	Amber UD	Black
S1904X	SCT-GREY XTR	Black
S1906	2.0 ID UD	Black
S1907	3.0 ID UD	Black
S1908	5.0 ID UD	Black

REPLACEMENT LENSES (Pair):

S6500X	Clear XTR
S6501X	Espresso XTR
S6502	AM UD
S6504X	SCT-GRAY XTR
S6506	2.0 ID UD
S6507	3.0 ID UD
S6508	5.0 ID UD

SKYLINE®

•Same features and benefits as the Uvex Skyper except 10 mm smaller for employees with normal to slender facial profiles

PART NO.	LENS TINT & COATING	FRAME COLOUR
S2000X	Clear XTR	Black
S2001X	Espresso XTR	Black
S2003	SCT-REFLECT 50 UD	Black

REPLACEMENT LENSES (Pair):

S6600X	Clear XTR
S6601X	Espresso XTR
S6604	SCT-REFLECT 50 UD

Please see page N10 for a description of lens tints & coatings.

UVEX XC™

•The Uvex XC was designed to provide workers with Xtraordinary Comfort and Xtraordinary Coverage/protection •The key features of XC is the extended lens coverage — up to 20% more lens coverage •Meets ANSI Z87.1 and CSA Z94.3-1992 standards

PART NO.	LENS TINT & COATING	FRAME COLOUR
S3300X	Clear XTR	Black
S3309	Amber UD	Black
S3301X	Grey XTR	Black
S3302	SCT-Reflect 50 UD	Black
S3303X	SCT-Grey XTR	Black
S3304X	SCT-LOW IR XTR	Black
S3305	Shade 2.0 UD	Black
S3306	Shade 3.0 UD	Black
S3307	Shade 5.0 UD	Black
S3308	Silver Mirror UD	Black

Rx INSERT

S3350	Rx Insert

REPLACEMENT LENSES (Pair):

S6950X	Clear XTR
S6959	Amber UD
S6951X	Grey XTR
S6952	SCT-Reflect 50 UD
S6953X	SCT-Grey XTR
S6954X	SCT-LOW IR XTR
S6955	Shade 2.0 UD
S6956	Shade 3.0 UD
S6957	Shade 5.0 UD
S6958	Silver Mirror UD

UVEX SPITFIRE®

•Sleek, frameless design with wraparound 9 base unilens •Adjustable temple lengths ensure a proper fit •Meets ANSI Z87.1 and CSA Z94.3-1992 standards

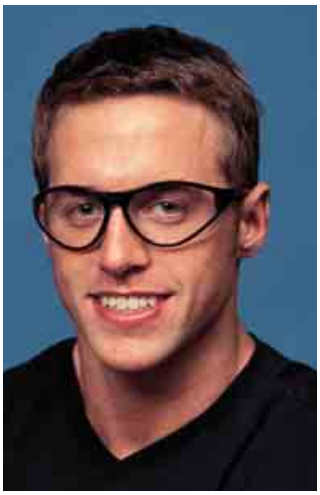
PART NO.	LENS TINT & COATING	FRAME COLOUR
S1800X	Clear XTR	Black
S1801X	Espresso XTR	Black
S1802	Amber UD	Black

REPLACEMENT LENSES (Pair):

S6200X	Clear XTR
S6201X	Espresso XTR

UVEX U2®

•Sporty wraparound design •Dual lens look in a unilens design •Adjustable temple length •Meets ANSI Z87.1 and CSA Z94.3-1992 standards



PART NO.	LENS TINT & COATING	FRAME COLOUR
S3100X	Clear XTR	Black
S3101X	Espresso XTR	Black
S3102	Amber UD	Black
S3104	SCT-Reflect 50 UD	Black

REPLACEMENT LENSES (Pair):

S6150X	Clear XTR
S6151X	Espresso XTR
S6152	Amber UD
S6154	SCT-Grey XTR

UVEX CLARION™

•Classic spring hinge frame with patented flexible sideshields are easy to put on without sideshields breaking or snapping off of the frame •Rx ready frame allows workers to wear prescription lenses in their safety frame •Attractive nickel-free plated metal frame is hypo-allergenic •High impact resistant polycarbonate side shields are removable •The lightweight frame and fully adjustable nosepads ensure maximum comfort and fit for extended periods of time •Available with impact resistant polycarbonate clear or grey lenses for indoor or outdoor use that blocks 99.9% of harmful UVA and UVB radiation •Lenses have a hard coat for a longer life •Meets ANSI Z87+ and CSA Z94.3 standards

PART NO.	LENS TINT & COATING	FRAME COLOUR
S0800	Clear/hard coat	Gunmetal Matte
S0805	Grey/hard coat	Gunmetal Matte

UVEX HORIZON™ FLIP-UP

•Classic flip-up style offers versatility for workers in unique environments •Side shields for extra protection against flying particles •Flip-up lenses are offered in Infra-dura® Welding Shade 3.0 or Shade 5.0 •Impact resistant polycarbonate lenses block 99.9% of harmful UVA and UBV radiation •Lenses have a scratch resistant hard coat for longer life •Meets ANSI Z87+ standards •Black frame

PART NO.	LENS TINT & COATING	FLIP-UP LENS
S212	Clear/hard coat	Shade 3.0
S213	Clear/hard coat	Shade 5.0

UVEX ASTROSPEC 3000®

•Contemporary, lightweight unilens offers panoramic vision •Adjustable lens inclination and temple length •Meets ANSI Z87.1 and CSA Z94.3-1992 standards

PART NO.	LENS TINT & COATING	FRAME COLOUR
S1299C	Clear XTR	Blue
S130C	Grey XTR	Blue
S145	Amber UD	Black
S1379	Silver Mirror UD	Black
S111029	Shade 2.0 ID UD	Black
S1111	Shade 3.0 ID UD	Black
S1112	Shade 5.0 ID UD	Black

REPLACEMENT LENSES (Pair):

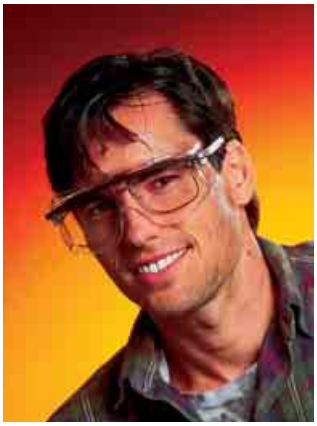
S535C	Clear XTR
S536C	Grey XTR
S537	Amber UD
S538	Silver Mirror UD
S5412	Shade 2.0 ID UD
S542	Shade 3.0 ID UD
S543	Shade 5.0 ID UD

Please see page N10 for a description of lens tints & coatings.

UVEX ASTRO OTG® 3001

•Same features as the Astrospec 3000 with attractive OTG (over-the-glass styling) •An economical alternative to expensive Rx eyewear •Meets ANSI Z87.1 and CSA Z94.3-1992 standards

PART NO.	LENS TINT & COATING	FRAME COLOUR
S2500C	Clear XTR	Black
S2504C	Grey XTR	Black
S2508	Shade 3.0 ID UD	Black
S2509	Shade 5.0 ID UD	Black



REPLACEMENT LENSES (Pair):

S561	Clear XTR
S562C	Grey XTR
S568	Shade 3.0 ID UD
S569	Shade 5.0 ID UD

UVEX ULTRASPEC® 1000

Ideal Visitor Spec •Uncoated 100% polycarbonate wraparound unilens design •Meets ANSI Z87.1 and CSA Z94.3-1992 standards

PART NO.	LENS TINT & COATING	FRAME COLOUR
S300CS	Clear uncoated	Clear

UVEX STEALTH® GOGGLE

•Futuristic, low profile design for chemical splash and impact •Toric lens provides superior optics and peripheral vision •Rx insert available •Unsurpassed comfort •Easiest lens replacement system available •Indirect ventilation system minimizes fogging •Quick adjust neoprene headband •Meets ANSI Z87.1 and CSA Z94.3-1992 standards

PART NO.	LENS TINT & COATING	FRAME COLOUR
S39610C	Clear XTR	Teal/Grey
S39611C	Grey XTR	Teal/Grey

REPLACEMENT LENSES (Pair):

S700C	Clear XTR
S701C	Grey XTR

ACCESSORIES:

Part No. S3959, Rx Carrier, clear.

UVEX FLEX SEAL™ GOGGLE

•The Uvex Flex Seal Goggle's unique silicone construction and advanced design offer some exceptional advantages over other over-the-glass goggles in terms of all day comfort, superior fit and climate adaptability •It fits over almost any prescription frame, and its contemporary wrap around lens configuration increases visibility and protection. •Pivoting clips permit the wearer to position the goggle on a hard hat or position the headband above the ears •Meets ANSI Z87+ and CSA Z94.3 standards

PART NO.	LENS TINT & COATING	FRAME COLOUR
S3400X	Clear XTR	Navy body
S3410X	Grey XTR	Navy body
S3430X	Shade 3 XTR	Navy body
S3435X	Shade 5 XTR	Navy body

REPLACEMENT LENSES (Pair):

S710X	Clear XTR
S715X	Grey XTR

EYEWEAR CASES

Astropack, fits most safety spectacles, black.
Part No. S491.

Universal Goggle Pack, fits all Uvex goggles, black.
Part No. S493.

uvex®

LEGEND FOR LENS TINTS & COATINGS

Lens Tints:

Clear - used for most indoor work applications
Grey - minimizes outdoor sunlight and glare
Amber - for low light applications where enhanced contrast is needed
Silver Mirror - deflects sunlight and glare
Blue Ice Mirror - deflects sunlight and glare
Orange Mirror - deflects sunlight and glare
SCT-Reflect 50 - light mirror coating for varying light conditions
SCT-Grey - minimizes outdoor glare and offers true colour recognition
SCT-Vermilion - for indoor applications where contrast is needed, such as inspection
SCT-Blue - applications with high levels of sodium vapor lighting
ID-Infradura® welding lenses

Lens Coatings:

(XTR) Uvextreme® antifog coating performs under the most extreme conditions and will not wear off after repeated proper cleanings. It is permanently bonded to the lens and retains anti-scratch, anti-static and UV protection properties.
(UD) Ultra-dura® hard coat is permanently bonded to the lens and is scratch resistant and chemical resistant

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Introducing the brand that gets worn. Style, image and all day comfort make these the safety eyewear that workers will line up to wear. The Harley-Davidson® line of safety eyewear features:
- The legendary Harley-Davidson® name and logo on each frame
- The Harley-Davidson® name engraved on lens
- Impact resistant polycarbonate lenses provide 99.9% UVA and UVB protection
- A scratch resistant hardcoat
- Meet ANSI Z87.1 standard

LIMITED EDITION HD 100 SERIES

Aerodynamic and contemporary styling. This sleek wraparound frame features a silver metallic finish and a high quality blue mirror lens.

PART NO.	LENS TINT & COATING
HD100	Blue MIR HC

HD 100 SERIES

Contemporary, wraparound sport styling with a dual lens look, molded in side shields and browguards. Classic black with translucent orange accents frame.

PART NO.	LENS TINT & COATING
HD101	Clear HC
HD102	Espresso HC
HD103	Gold MIR HC

HD 400 SERIES

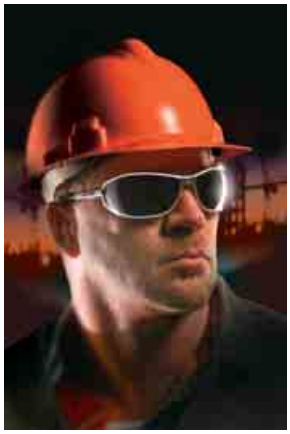
High tech, high style protective eyewear wraps around the face to provide 180 degrees of panoramic vision and excellent side and brow coverage. CSA Z94.3 - 1992 high impact approved.

PART NO.	LENS TINT & COATING
HD400	Clear HC
HD401	MIR 50 HC
HD402	Silver MIR HC

HD 500 SERIES

The HD500 Series defines metal sport styling. Silver chrome or sleek black metal frame with special nickel-free coating complements an aggressive 10 base wrap around dual lens for optimal field of vision. Spring hinge temples provide the wearer with a secure and comfortable fit. Harley-Davidson name engraved on the lens and temple. Meets new ANSI Z87+ standard.

Part No. HD501, Matte Silver Frame, clear lens.
Part No. HD502, Matte Silver Frame, grey lens.
Part No. HD503, Matte Silver Frame, silver mirror lens.
Part No. HD510, Black Metal Frame, blue mirror lens.
Part No. HD513, Black Metal Frame, silver mirror lens.



HD 700 SERIES

Stylish, 8 base, metal frame design for users seeking a sunglass style safety frame. Rimless frame styling - clear frame "disappears" on the wearer's face. No metal edge in viewer's field of vision. Spring hinge temple. Nickel silver frame with nickel free coating. Adjustable optical nose pads. Polycarbonate hard coated lenses are impact resistant, distortion free, scratch resistant lenses. Meets new ANSI Z87+ high impact standard. Gunmetal frame.

PART NO.	LENS TINT & COATING
HD700	Brown Mirror HC
HD701	Clear HC
HD702	Grey HC
HD703	Amber HC

HD 800 SERIES

Striking mirrored lenses coupled with a double 9 base frameless design make this new style truly stand out from the rest. Harley-Davidson Bar & Shield logo and trailing flame design featured on silver temples with Harley-Davidson name engraved on the lens. Lightweight at just 27 grams, the HD800 Series safety eyewear not only looks good but is comfortable and easy to wear all day long. Meets new ANSI Z87+ and CSA Z94.3.

Part No. HD800, Orange mirror lens.
Part No. HD801, Blue mirror lens.
Part No. HD802, Silver mirror lens.

EYEWEAR ACCESSORIES

Hard-Shell Eyewear Case - with the Harley-Davidson® logo. Black zipper case includes a clip to keep the eyewear close at hand.
Part No. HD903.

Breakaway Retainer Cord - provides convenient access to safety eyewear. Black with Harley-Davidson® logo.
Part No. HD902.

UVEX
Electronic Welding Helmets

OPTREL OSE SATELLITE WELDING HELMET

•The spherical front cover lens offers a high optical quality and improves durability •Automatic darkening shade offers two shade settings from 5 - 9 and 9 - 13. Power is supplied by solar cells, batteries do not have to be changed •Tilting Adjustability •Telescoping Adjustability •Applications Include: •Gas Tungsten Arc Welding (TIG) •Micro Plasma Arc Welding •Gas Metal Arc Welding (MIG) •Shielded Metal Arc Welding (Stick) •Grinding •Not suitable for laser and gas welding.

Part No. K600, black.
Part No. K601, blue.
Part No. K602, silver.
Part No. K603, green.

REPLACEMENT PARTS

Part No. K5812, Inside cover lens*
Part No. K5821, Headgear*
Part No. K5822, Sweatband*
Part No. K5901, Helmet shell, blue
Part No. K5902, Helmet shell, silver
Part No. K5903, Helmet shell, green
Part No. K5900, Helmet shell, black
Part No. K5920, 1 Potentiometer knob, 1 back cover, 1 sensitivity knob
Part No. K5921, 2 cover lens connection clips
Part No. K5930, Hard hat adapter
Part No. K5910, Front cover lens
*Indicates components that can be used for all Optrel helmets

HARLEY-DAVIDSON®
Welding Helmets

H-D® PREMIUM STYLE SERIES - FLAMES

Combines the most advanced in ADF technology with cutting edge design, the H-D Flames welding helmet provides style with unrivalled performance. Variable shades 9-13 provide a wide range of shade options, while the external shade selection knob allows for easy access shade selection. Patented telescoping headgear design and extended coverage of the helmet shell provide unsurpassed comfort

Part No. K918, Shade 9-13 solar powered auto darkening filter, flames design.

H-D® PREMIUM STYLE SERIES - RACING

Featuring Harley-Davidson® distinctive orange stripe design and race inspired graphics, the H-D Racing is sure to stand out. Variable shades 9-13 provide a wide range of shade options, while the external shade selection knob allows for easy access shade selection. Patented telescoping headgear design and extended coverage of the helmet shell provide unsurpassed comfort.

Part No. K919, Shade 9-13 solar powered auto darkening filter, racing design.

H-D® SIGNATURE SERIES

The H-D Signature Series' sleek, black helmet feature the Harley-Davidson Bar and Shield and signature logos and offer 3 filter options to suit a broad range of applications. Patented telescoping headgear design and extended coverage of the helmet shell provide unsurpassed comfort.

Part No. K916, Shade 10 Passive 4" x 5-1/2" Wide View Filter.
Part No. K917, Shade 10 Solar Powered Auto Darkening Filter.
Part No. K915, Shade 10 Passive 2" x 4-1/4" Flip-Up Filter.

K916

K915

K917

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HARLEY-DAVIDSON® OFFICIAL LICENSED PRODUCT

Bacou-Dalloz

FUSE™ PROTECTIVE EYEWEAR

The Fuse™ delivers exceptional coverage with both style and comfort. The 9-base wraparound design provides optimum field of vision without distortion. The gunmetal frame is lightweight and durable for all day wear. Adjustable saddle nosepads and soft flexible temple tips provide a comfortable fit. Lenses are made from optical grade polycarbonate with a protective hardcoat to maximize the life of the eyewear. Adjustable, break away Flexicord™ included. Meets or exceeds ANSI Z87+ standards, CSA Z94.3 standards.

PART NO.	LENS COLOUR	FRAME SIZE/COLOUR
11150800CSA	Clear HC	Gunmetal
11150801CSA	TSR Grey	Gunmetal
11150804CSA	Silver Mirror	Gunmetal
11150805CSA	Clear Fog Ban	Gunmetal
11150806CSA	TSR Grey Fog Ban	Gunmetal

VAPOR™ PROTECTIVE EYEWEAR

The Vapor™ captures sports styling in a painted, metallic blue frame. The 9-base wraparound lenses and sport temples offer a comfortable secure fit. Soft nose bridge prevent the eyewear from slipping. Lenses are optical grade durable polycarbonate with a protective hardcoat to maximize the life of the eyewear. Adjustable, break away Flexicord™ included. Meets or exceeds ANSI Z87+ standards, CSA Z94.3 standards.

PART NO.	LENS COLOUR	FRAME SIZE/COLOUR
11150900CSA	Clear HC	Metallic Blue
11150901CSA	TSR Grey	Metallic Blue
11150904CSA	Silver Mirror	Metallic Blue
11150905CSA	Clear Fog Ban	Metallic Blue
11150906CSA	TSR Grey Fog Ban	Metallic Blue

WILLSON A700 PROTECTIVE EYEWEAR

•Economical and stylish eye protection •Sport temples with soft temple tip pads for comfortable fit •Secure wrap-around design •Polycarbonate, distortion-free, hardcoat lenses •Soft temple tip pads for a secure fit •Meets or exceeds ANSI Z87+ standards, CSA Z94.3 safety standards.

PART NO.	LENS COLOUR	FRAME COLOUR
A700	Clear	Clear
A701	TSR Grey	Grey
A702	Amber	Clear
A703	Blue Mirror	Grey
A704	I/O Silver Mirror	Grey

MILLENNIA™ PROTECTIVE EYEWEAR

Millennia is preferred 20 to 1, rated on higher looks, comfort, fit, field of vision, both brow and side protection and optical quality. Millennia safeguards eyes from impact and the close fit ensures superior protection from flying particles. Unitary polycarbonate lens curves around the face for temple-to-temple coverage and better brow protection than conventional designs. Lightweight, nylon frame. Offers 100% UV protection. Parallel vision control ensures that the entire field of view is clear and free of any distortion or distraction. Adjustable, break-away retainer for added security and convenience in an active work environment. Meets or exceeds ANSI Z87.1-1989 standards, CSA Z94.3-1992.

PART NO.	LENS COLOUR	FRAME SIZE/COLOUR
11150350CSA	Clear	Black
11150351CSA	TSR Grey	Black
11150352CSA	HDL Yellow	Black
11150353CSA	Silver I/O™	Black
11150354CSA	Silver Mirror	Black
11150370CSA	Clear	Blue
11150363CSA	Silver Mirror	Grey

OP-TEMA PROTECTIVE EYEWEAR

Vision protection only works when it's being worn. That's why Op-tema is light in weight, but heavy on features that enhance comfort and fit. A full-view lens with a built-in molded brow-bar provides clear, unobstructed vision. An adjustable nosepiece ensures that Op-tema protective eyewear will fit any face in your workforce, and adjustable temples further ensure a secure, comfortable fit. Made of high-impact abrasion-resistant polycarbonate, Op-tema protective eyewear meets or exceeds ANSI Z87.1-1989 standards, CSA Z94.3-1992.

PART NO.	LENS COLOUR	FRAME SIZE/COLOUR
11150400	Clear	Black
11150401	TSR Grey	Black
11150410	Clear	Blue

WILLSON A400 PROTECTIVE EYEWEAR

•Economical and stylish eye protection •Sporty, one piece wrap-around lens •Meets or exceeds ANSI Z87+ standards, CSA Z94.3 safety standards.

PART NO.	LENS COLOUR	FRAME COLOUR
A400	Clear	Clear
A401	Grey	Grey
A402	Amber	Amber
A403	Silver Mirror	Grey
A404	I/O Silver Mirror	Clear

VISITORSPEC

Safety eyewear for visitors. Superb optics allow clear, distortion free vision. Wide viewing area with excellent coverage. Polycarbonate lens with wrap around style. Contoured nosebridge for added comfort. 99.9% UV protection. Meets ANSI Z87+ and CSA Z94.3 safety standards. Clear lens with black arms. Part No. 11180025W.

Please see page N14 for a description of lens technology.

WILLSON®
Eye Protection

POLYSAFE® PROTECTIVE EYEWEAR — 149 MM

All Polysafe Protective Eyewear, and Polysafe Plus are designed with a stylish wraparound single lens, integrated side shields, and contoured nose bridge. All models offer superb optics for clear, distortion-free vision. Comfortably fits over most prescription eyewear. Lenses are crafted of polycarbonate and provide 100% UV protection as defined by ANSI Z87.1-1989.

PART NO.	LENS COLOUR
11180029	Box of 10 - Clear
11180031	Clear
11180032	TSR Grey

POLYSAFE PLUS (Visitor's Glasses):

11180037	Clear

V-MAXX™ GOGGLES

The V-Maxx™ safety goggle, provides protection for impact, dust, mist, chemical splash and welding applications. Can be worn over most prescription eyewear.

Part No. 11250800, Direct vent, clear FogBan® PC lens, red elastic headband.

Part No. 11250810, Indirect vent, clear FogBan® PC lens, black neoprene headband.

Part No. 11250830, Indirect vent IR/PC 3.0 FogBan® lens, black body, elastic headband.

Part No. 11250850, Indirect vent IR/PC 5.0 FogBan® lens, black body, elastic headband.

11250800

11250810

11250830

LENS TECHNOLOGY CHART

Abbreviation	Description	Uses
Clear	Clear	Indoor - general purpose.
FogBan®	Anti-Fog Lens Coating	Durable fog, scratch, static, temperature, and chemical resistant coating.
Mirror	Mirror	Dark, anti-glare for a high-tech look.
HDL Yellow	High Definition Lens - Yellow	Enhances and brightens low level light (dusk, dawn, indoor), UV and blue light protection.
I/O™	Indoor/Outdoor	Dual purpose, clear mirrored lens recommended for indoor and outdoor jobs. Reduces glare from natural and artificial light.
Shaded IR/PC	Shaded Infrared/Polycarbonate	UV, blue light, and IR protection. For protection from light cutting, brazing, and welding. Green Shades 1.7 to 5.
TCG™ - Dark	True Colour Grey - Dark	Reduces glare and provides true colour perception. UV, blue light, and limited IR protection. Outdoor use.
TSR® Grey	Traffic Signal Recognition	Meets ANSI requirements for traffic signal colour recognition. Grey and mirrored grey lenses for outdoor use. Provides UV protection.

Welding Helmets, Headgear & Visors

KWIK-KLIP® HEADGEAR FOR HARD HATS

Durable Kwik-Klip accessories allow secure attachment to Willson or competitive safety caps using a simple spring tension band with sturdy nylon brim hooks. Willson offers a comprehensive selection of Kwik-Klip headgear and mounting strips for safety caps, brackets, attachments and other accessories. Interchangeability and adaptability help maintain operating costs and let you make maximum use of your safety equipment.

Part No. 11380030, Plastic visor mounting strip.

Part No. 11380031, Plastic visor mounting strip for non-slotted safety caps.

Part No. 11380032, Aluminum visor mounting strip.

Part No. 11380029, Aluminum bracket.

PRO SYSTEM® COMBINATION HEAD, HEARING & FACE PROTECTION KIT

The Pro System provides comfortable head, eye, face, and hearing protection to meet a variety of needs. This multi-task system features a lightweight polyethylene hard hat, with an adjustable nape strap for a secure fit, high performance cap-mounted ear muffs with NRR 25dB and low glare steel mesh visor. Polysafe® Protective Eyewear is included, to provide primary safety eyewear for protection from flying debris. Ideal for a vast array of applications, all Pro System components meet or exceed applicable ANSI standards. Pro System®, includes: 73BC yellow Beta® safety cap, Bilsom® 728 earmuffs, steel mesh visor and Polysafe safety eyewear. NRR 25 dB.

Part No. 13910046.

PROTECTO-SHIELD® PROLOK® HEADGEAR - WITHOUT VISOR

Allows simple, secure attachment of Willson visors.
Model V5N - This improved version of the extremely popular V5 headgear is suited for a wide range of uses, including high-heat applications. It features a plastic browguard, ratchet adjustment and padded sweatband.
Part No. 11380048.

Model V15N - Constructed of high density polyethylene, this economical browguard model offers a snap adjustment for quick, easy sizing and sweatband.
Part No. 11380049.

PROTECTO-SHIELD® VISORS

For facial protection against impacts, sparks, liquid splashes and welding related hazards. Quality features: •Universal hole pattern tested with most headgear •Easy attachment without snaps, posts or levers •Reinforced edge to resist cracking from abuse •Compliance with ANSI Z87.1-1989 and CSA Z94.3-1999 high impact standards.

VISORS - MOLDED SIZE: 8.5" x 15" x .060"

Part No. 11390044, Clear, propionate.
Part No. 11390045, Med. green, propionate.
Part No. 11390046, Dark green, propionate.
Part No. 11390047, Clear, polycarbonate.
Part No. 11390048, Med. green, polycarbonate.
Part No. 11390049, Dark green, polycarbonate.

VISORS - ALUMINUM BOUND ACETATE

Part No. 11390054, Clear, 6" x 15" x .040".
Part No. 11390055, Clear, 8½" x 15" x .040".
Part No. 11390057, Clear, 9" x 20" x .040".
Part No. 11390056, Med. green, 8½" x 15" x .040".

VISORS - UNIVERSAL SERIES

Part No. 11390058, Clear polycarbonate, 9" x 20" x .040".
Part No. 11390071, Black steel, 24 mesh, 8½" x 16".

PROTECTO-SHIELD® ACCESSORIES

Browguard Headgear for Hard Hats - High heat resistant browguard for safety caps; for use with Bilsom earmuffs.
Part No. 11380057.

Bracket assembly for browguard.
Part No. 12990056.

Vinyl sweatband for ProLok headgear #11380048.
Part No. 12990059.

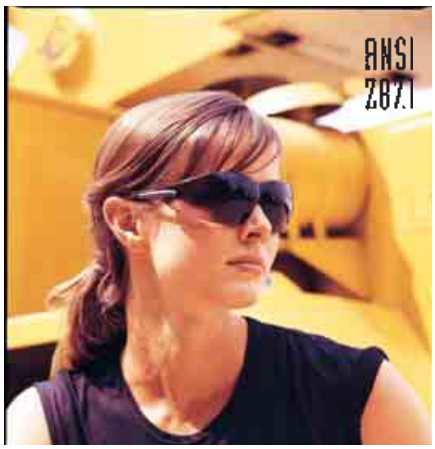
WILLSON®

CREWS INC.

BLACKJACK® PROTECTIVE EYEWEAR

Single wrap-around lens design with integral sideshields offers durable metal alloy temples with non-slip rubber head-grips for a customized fit. Durable lightweight polycarbonate lens.

PART NO.	LENS COLOUR	FRAME COLOUR
S2110	Clear	Black
S2112	Grey	Black
S2117	Silver Mirror	Black
S2119	Indoor/Outdoor	Black
S2110AF	Anti-Fog Coat Clear	Black
S2112AF	Anti-Fog Coat Grey	Black



STRATOS® PROTECTIVE EYEWEAR

Features a stylish wraparound design and a one-piece polycarbonate lens with integral sideshields that filters out 99.9 percent of UV radiation. The lightweight frame provides added comfort and balance. CSA approved.

PART NO.	LENS COLOUR	FRAME COLOUR
SS110	Clear	Black
SS112	Grey	Black

TOMAHAWK® PROTECTIVE EYEWEAR

The Tomahawk® combines all the features of the Stratos® with fully adjustable, five position ratchet-action temples for comfort.

PART NO.	LENS COLOUR	FRAME COLOUR
TK110	Clear	Black
TK112	Grey	Black
TK119*	Indoor/Outdoor	Black
TK120	Clear	Blue
TK122	Grey	Blue
TK130	Clear	Red/White/Blue

*not CSA approved

ANSI Z87.1 | AS/NZS | CSA | CE

Eye Protection

ZX® PLUS PROTECTIVE EYEWEAR

The ZX Plus incorporates the use of scratch-resistant polycarbonate in a wraparound lens which provides up to 25% more unobstructed viewing area and excellent brow and side protection. Adjustable temples allow a customized fit. Fitted with a PVC strip across the brow.

PART NO.	LENS COLOUR	FRAME COLOUR
ZX910	Clear	Black
ZX912	Grey	Black
ZX914	Amber	Black
ZX916	Mirror	Black
ZX920	Clear	Blue

ANSI Z87.1 | AS/NZS | CSA | CE

RT2® PROTECTIVE EYEWEAR

Has the squared look of trend setting designer eyewear. The durability of lightweight metal alloy frames is combined with the custom fit of non-slip rubber head-grips and adjustable PVC nosepad.

PART NO.	LENS COLOUR	FRAME COLOUR
R2110	Clear	Brass
R2120	Clear	Chrome
R2129	Indoor/Outdoor	Chrome

ANSI Z87.1

PRODIGY2® SLX® PROTECTIVE EYEWEAR

Strong and flexible, the Prodigy® features a single lens style which provides a wide field of vision and angular coverage for added protection. Constructed from a nylon formulation, the Prodigy weighs only 1.2 ounces.

PART NO.	LENS COLOUR	FRAME COLOUR
81110	Clear	Black
81112	Grey	Black

ANSI Z87.1 | AS/NZS | CSA | CE

CREWS INC.

STORM® PROTECTIVE EYEWEAR

Features ratchet-action temples combined with non-slip rubber head-grips create a customized fit for virtually any head size. Wrap-around lens construction of lightweight, scratch-resistant polycarbonate delivers advanced visual acuity and protection.

PART NO.	LENS COLOUR	FRAME COLOUR
ST110	Clear	Black
ST112	Grey	Black
ST114	Amber	Black
ST117	Silver Mirror	Black
ST119	Indoor/Outdoor	Black
ST11V	Vermilion	Black
ST1130	Shade 3	Black
ST1150	Shade 5	Black
ST120	Clear	Navy
ST122	Grey	Navy
ST130	Clear	Red

ANSI Z87.1 | AS/NZS | CE

EXCALIBUR® PROTECTIVE EYEWEAR

Incorporating a single polycarbonate lens design and contemporary styling. Provides an exceptional wide angle of unrestricted vision and side protection. The fully adjustable temples and lightweight nylon frame allow for optimal comfort and fit. The molded-in nose bridge comfortably fits a wide variety of faces.

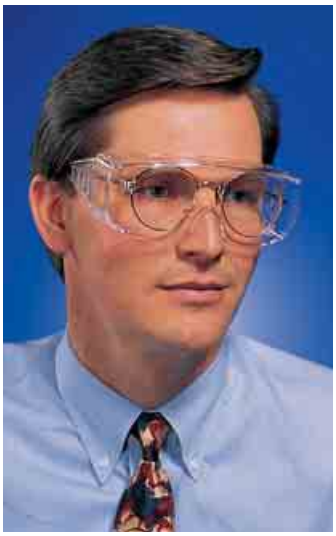
PART NO.	LENS COLOUR	FRAME COLOUR
99910	Clear	Black
99912	Grey	Black
99914	Amber	Black
99920	Clear	Blue

ANSI Z87.1 | AS/NZS | CSA | CE

YUKON® PROTECTIVE EYEWEAR

Features a contemporary wraparound style and provides improved angular coverage and peripheral vision. Molded-in brow guard and vented sideshields give additional protection. XL version allows room for wear over prescription glasses.

PART NO.	LENS COLOUR	FRAME COLOUR
Hard-Coated - for scratch resistance		
9810	Clear	Clear
9810XL	Clear	Clear
Un-Coated - for extra cost savings		
9800	Clear	Clear
9800XL*	Clear	Clear



ANSI Z87.1 | AS/NZS | CSA | CE

*not CSA approved

PREMIUM VERDICT® GOGGLES

Can be worn with most half-mask respirators and fits over most prescription frames. Complete with vinyl frame and elastic headband.

PART NO.	LENS COLOUR	FRAME COLOUR
2400	Clear	Grey
2400F	Clear	Grey frame w/ foam lining
2410	Anti-Fog	Grey
2410F	Anti-Fog	Grey frame w/ foam lining

ANSI Z87.1

PROTECTIVE GOGGLES

Can be worn with most half-mask respirators and fits over most prescription frames.
Part No. 2120, Economy goggle - small.
Part No. 2220, Economy goggle - regular.
Part No. 2220R, Perforated goggle.
Part No. 2230R, Chemical splash goggle.

ANSI Z87.1

HEADGEAR

Part No. 102, Aluminum rim headgear bracket for hard hats.
Part No. 103, Ratchet take-up head gear.
Part No. 181640, PETG 8" x 15½" .040 clear lens for #102 and 103 headgear.

Aluminum Rim Headgear Bracket for Hard Hats (Shown with Faceshield)

Ratchet Take-up Headgear (Shown with Faceshield)

SNAKESKINS® EYEGLASS CORDS

Part No. 215, Black.
Part No. 216, Blue.
Part No. 217, Red.

LENS CLEANING STATION

Contains two boxes of 600 tissues and one 8 oz. bottle of Anti-Fog, Anti-Static cleaning spray.
Part No. LCS1.

SPEC SAVERS

Anti-Static, Anti-Fog cleaning towelettes. Box of 100 individually wrapped towelettes.
Part No. LCT.

SAFETY GOGGLES

Part No. 5101, Standard safety goggle, clear, .060 polycarbonate, spherical lens.
Part No. 5110, Painter's safety goggle, clear, .060 polycarbonate, anti-fog curved lens.
Part No. 5111, Pack of 10, peel-off lens covers for #5110 safety goggle.

5101

5110

WORKER BEES MULTI PURPOSE SAFETY GLASSES

Fits over most prescription glasses, high impact protection, ideal visitor specs, optically correct lens w/ panoramic view
Part No. 5120, Clear.
Part No. 5121, Green.
Part No. 5122, Yellow.

5121

5122

CLASSIC SAFETY GLASSES

Reshapeable arm, hard coated clear polycarbonate lens
Part No. 5125.

5125

SAS SAFETY CORP. When Protection Counts™

SAS®
Eye Protection

FACE SHIELDS

Part No. 5140, Clear face shield, 8" x 12" x .060"; curved injection molded lens, locking adjustable headpiece.
Part No. 5142, Dark green face shield, 8" x 12" x .060"; curved injection molded lens, locking adjustable headpiece (not for welding).
Part No. 5145, Clear deluxe face shield, 8" x 15½" x .060"; curved injection molded lens, ratcheting adjustable headpiece, extra large spark guard.
Part No. 5147, Dark green deluxe face shield, 8" x 15½" x .060"; curved injection molded lens, ratcheting adjustable headpiece, extra large spark guard; (not for welding).
Part No. 5150, Replacement visor for #5140 face shield.
Part No. 5152, Replacement visor for #5142 face shield.
Part No. 5155, Replacement visor for #5145 face shield.
Part No. 5157, Replacement visor for #5147 face shield.

5140

5142

5145

5147

EYEWASH STATIONS

Part No. 5130, Emergency eye wash/irrigate - 16 oz.
Part No. 5135, Portable eye wash station w/ pedestal mount, includes:
bacteriacide, fungicide, and algaecide additive
Part No. 5136, Eye wash bacteriacide - 8 oz. (eyewash water preservative for use with #5135 station)

5135

5130

5136

TEK OPTICAL
Safety Sidewear

COMBO SAFEPACK PLUS UNIVERSAL SIDE SHIELDS

The COMPLIANCE SAFEPACK PLUS conveniently contains: •10 pairs of B-52 AYE MATE side shields for conventional safety frames and •10 pairs of B-26 WING MATE side shields for narrow safety frames •10 kits of CC-26 custom comfort cushions •20 required instruction booklets for the selection, use and care of side shields.
FEATURES: •UNIVERSAL CONFORMITY - Patented designs that adapt to the shape of a wide range of frames •QUICK CHANGE - These unique side shields can be installed or removed quickly without tools •PROTECTION - Molded from high impact resistant polycarbonate made from GE LEXAN resin. Impact tested to meet the compliance issues of the new ANSI Z87.1 2003 standard and CSA Z-94 specifications on both metal and plastic frames. Complies with DOL, OSHA Rule 29 CFR Part 1910.133 Effective July 5, 1994. •RESILIENT ELASTOMERIC MOUNTING - Superior EP mounting band is resistant to oil, chemicals and weather. Bands permit side shields to be securely attached to various frame shapes. •FORTIFIED WITH UV SHIELD - Protect against harmful UV radiation. Exclusive UVS additive provides an ultraviolet barrier, which effectively attenuates UV up to 380 nanometers.
Part No. CP-5226.

INTER-PACIFIC TRADING CORP.
Auto Darkening Electronic Welding Helmets

AUTO DARKENING ELECTRONIC WELDING HELMET
Shade Range: DIN4/#9 to #13 shade
Cartridge Size: 120 x 90 x 12 mm
Viewing Window: 96 x 45 mm
Ultraviolet Protection: <0.0003% (313 nm), <0.006% (365 nm)
Operating Temperature: -5°C to +55°C
Power: Solar power and battery
Headgear: Ratchet style
Weight: 490 g
Part No. WHM-001, With dial control switch. Switch Time: Light to dark < 5 ms Dark to light < 0.3 - 0.5 S.

PLASTIC REPLACEMENT LENSES
Part No. WPP-13, Inside cover, 1.77" x 3.93".
Part No. WPP-14, Outside cover, 3.45" x 4.6"

OPTECH® SAFETY HELMET-STYLE AUTO-DARKENING FILTER WELDING HELMET
Welding helmet can fit perfectly over a safety helmet. When welder turns up helmet to over his head, helmet's centre of gravity can be self-adjusted to coincide with the centre of gravity of the safety helmet, thus making the welder feel more comfortable than before while working.
•Viewing Area: 98 x 43 mm •Cartridge Size: 110 x 90 x 9 mm •UV/IR Protection: Up to shade no. DIN 16 all the time •Shade Range: DIN 9 (8) to 13 (14) •Power: Solar cells, NO battery change required •Power On/Off: Fully Automatic •Sensitivity: Can be adjustable •Operating Temperature: -5°C to +55°C •Helmet Material: High-impact resistant plastic/ polyamide Nylon/ PP

Part No. WSZ810.
Light State: Shade DIN 3 (4)
Switching Time:
A) Light to Dark: 1/25000s
B) Dark to Clear:
0.25 - 0.35s at <fast> position
0.50 - 0.80s at <slow> position
Total weight: 435g

REPLACEMENT LENSES
Part No. WSZ810-P13, Inside cover.
Part No. WSZ810-P14, Outside cover.

Part No. WSZ998.
Light State: Shade DIN 4 (3)
Switching Time:
A) Light to Dark: 1/30000s
B) Dark to Clear:
0.25 - 0.35s at <short> position
0.50 - 0.80s at <long> position
Total weight: 430g

REPLACEMENT LENSES
Part No. WSZ998-P13, Inside cover.
Part No. WSZ998-P14, Outside cover.

DEGIL SAFETY PRODUCTS
Visors, Helmets & Headwear

MACH II SERIES
Comfortable, complete coverage for face and neck protection. Molded from high strength polycarbonate material, it is made to withstand rugged use. Adjusting ratchet type suspension that can be quickly adjusted to the correct head size. Oversized 7½" x 15½" visors securely lock into place with swivel type locks to provide frontal and lateral protection.

Crowns Only (visor sold separately)
Part No. 7220000RSS, MACH II faceshield with ratchet style suspension.
Part No. 7220000CAP, MACH II faceshield with hard hat adapter.

Visors
Clear polyester visor, flat - 0.040"thickness.
Part No. 7221000PLC, MACH II clear polyester visor - 7" x 16¾" size.
Part No. 7211000PLC, MACH & MACH II visor - 7½" x 15½" size.

Crown shown with Visor

WIDE VISION COVER FLEX WELDER'S GOGGLE
With soft vinyl frame complete with 2" x 4¼" (shade 5) welding plate and cover lens. Goggles come standard with adjustable elastic headband and six ventilation ports, will fit over prescription eyewear.
Part No. 73042.

LIFT FRONT WELDING HELMET
Thermoplastic reinforced with curved chin. Helmet features lift front 2" x 4¼" welding plate holder, and floating suspension headgear w/ ratchet style headband adjustment.
Part No. 73002.

DEGIL SAFETY PRODUCTS INC.

DEGIL SAFETY PRODUCTS

Visors, Helmets & Headwear

WIDE VISION WELDING HELMET

Thermoplastic reinforced with curved chin. Helmet features stationary front 4½" x 5¼" wide vision welding plate holder, and floating suspension headgear w/ ratchet style headband adjustment.
Part No. 73005.

REPLACEMENT LENSES FOR WELDING HELMETS

2" x 4¼" Welder's Plate - Polycarbonate
Part No. 73051-5, shade 5 welder's plate.
Part No. 73051-10, shade 10 welder's plate.
Part No. 73051-12, shade 12 welder's plate.

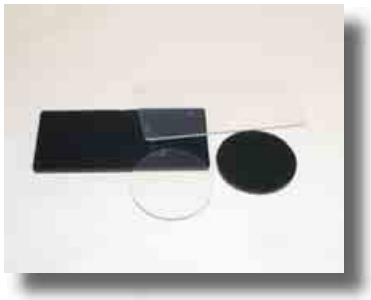
2" x 4¼" Welder's Plate - Gold Plated
Part No. 73053, shade 5 welder's plate.
Part No. 73054, shade 10 welder's plate.
Part No. 73055, shade 11 welder's plate.
Part No. 73056, shade 12 welder's plate.

4½" x 5¼" Welder's Plate - Glass
Part No. 73052-10, 4½" x 5¼" shade 10 welder's plate - glass.

2" x 4¼" Clear Cover Lens
Part No. 73071, 2" x 4¼" clear acetate cover lens.
Part No. 73072, 2" x 4¼" clear CR-39 plastic cover lens.

4½" x 5¼" Clear Cover Lens
Part No. 73074, 4½" x 5¼" clear plastic cover lens.
Part No. 73075, 4½" x 5¼" clear CR-39 plastic cover lens.

DEGIL SAFETY PRODUCTS INC.



FIBRE METAL

Welding Protective Equipment & Accessories

SUPERGLAS® FIBREGLASS WELDING HELMETS

Superglas® tough fibreglass provides effective welding protection shift after shift, year after year. Its durable smooth surface sheds spatter, its molded-on glassholder never loosens or needs replacing and its glass-reinforced shell holds its shape on any jobsite.
Part No. 706, under-chin welding helmet, lift front, 2" x 4¼".
Part No. 880, under-chin welding helmet, wide vision, 4½" x 5¼".
Part No. 606, straight front welding helmet, lift front, 2" x 4¼".
Part No. 680, straight front welding helmet, wide vision, 4½" x 5¼".
Part No. 110-P, Pipeliner™ Superglas Plus fibreglass welding helmet with elastic headband, fixed front, 2" x 4¼".

706
(under-chin style)

110-P

WELDING HANDSHIELDS

Handshields for inspectors and "occasional" welders. Heat resistant handles instead of headgear. Standard shaped fibreglass shells and universal thermoplastic Tigerhood® shapes.
Part No. 713, Fibreglass standard handshield, 2" x 4¼".
Part No. 913, Thermoplastic Tigerhood handshield, 2" x 4¼".
Part No. 998, Thermoplastic Tigerhood handshield, wide vision, 4½" x 5¼".

913
(straight front style)

TIGERHOOD® THERMOPLASTIC WELDING HELMETS

Tigerhood® helmets are the lightest weight standard size welding helmets. They are molded from Noryl, a tough weight-to-strength, heat resistant thermoplastic. Their universal shell shape combines under-chin and straight-front helmet benefits to increase welder comfort and protection.
Part No. 906, Tigerhood thermoplastic welding helmet, lift front, 2" x 4¼".
Part No. 990, Tigerhood thermoplastic welding helmet, wide vision, 4½" x 5¼".

906

990

TIGERHOOD® FUTURA HELMETS

Streamlined shape is designed to satisfy welders' needs. Classic 3-C free floating headgear ensures maximum comfort. Sturdy, durable ratchet headgear. Easy to use front loading glassholders increase production, reduce downtime. Complete with a shade 10 filter plate installed.
Part No. 2006SL, Silver.

TIGERHOOD HIGH PERFORMANCE ADF (AUTO DARKENING FILTER LENS)

Increases productivity, improves quality, etc. "Intelligent" lens technology distinguishes between welding arcs and extraneous sources of light.
Part No. 990HPV, With variable shades #10, 11, 12, 13.
Part No. 990HPF10, Fixed shade #10.
Part No. 990HPF11, Fixed shade #11.
Part No. 990HPF12, Fixed shade #12.

WELDING HELMET REPLACEMENT HEADGEAR

Deeply offset, pliable headband fits head contours comfortably. Overhead band with multiple adjustments helps position the glassholder for the best view of the weld and a comfortable working position. Exclusive "free-floating" arms balance and stabilize the helmet while minimizing pressure points.

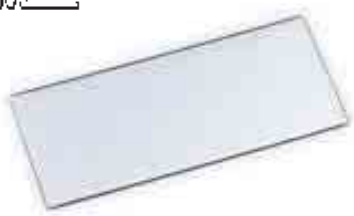
Standard ratchet headgear.
Part No. 3-C.

Quick-Lok® ratchet headgear.
Part No. 3-Q.

Pipeliner ratchet headgear.
Part No. 1-CR.

Pipeliner elastic headgear.
Part No. 1-CP.

Tigerhood Ultralite ratchet headgear.
Part No. 1-UL.



WELDING HELMET PARTS & GLASS

Part No. 1092, Retaining spring for glass holders #1096, 1085.
Part No. 9101P, Retaining spring for glass holders #606, 670, 676, 706, 710, 910, 906, 110, 110P.
Part No. 9901, Retaining spring for glass holders #990, 880, 680.
Part No. 1096, Glass holder, lift front, complete.
Part No. 1097P, Replacement lid kit, complete for all lift front glass holders.
Part No. 1170, Gasket for glass holders #1096, 1097.
Part No. 9902, Gasket for glass holders #990, 880, 680, 190.
Part No. P243, Glass safety/cover lens, clear, 2" x 4¼".
Part No. P453, Glass safety/cover lens, clear, 4½" x 5¼".

LIGHT DUTY FACESHIELD HEADGEAR

3" crown protector with ratchet headgear and padded, perforated sweatband. Standard view window series with channel grip mounting system for a quick, positive seal. Window sold separately, below.
Part No. F300.

Standard View Faceshield Window
.060", 8 x 11¼".
Part No. 4118C, Clear.
Part No. 4118G, Green.

MEDIUM DUTY FACESHIELD HEADGEAR

4", broader, deeper crown protector includes free-floating #3C headgear. Wide view window series for nearly 40% more protective area, with channel grip mounting system. Window sold separately, below.
Part No F400.

Wide View Faceshield Window
.060", 8 x 16½".
Part No. 4178C, Clear.
Part No. 4178G, Green.
Part No. 4178IR50, Shade 5.0

HEAVY DUTY FACESHIELD HEADGEAR

7" crown protector maximizes protection from a wide range of adverse environments. Includes #3C headgear. Exclusive wrap-around extended view windows protect greatest area, do not inhibit movement. Includes channel grip mounts. Window sold separately, below.
Part No. F500.

Extended View Faceshield Window
.060", 9¾" x 19".
Part No. 4199C, Clear.
Part No. 4199G, Green.
Part No. 4199IR50, Shade 5.0

E2 Blue

E2 Grey

E2 Green

E2 Orange

E2 Red

E2 White

E2 Yellow

The Quick-Lok® system uses cap-mounted blocks that engage with cups in helmets, faceshields, and goggles. The wearer simply places the cups over the blocks and locks them securely in place with spring-loaded plungers. Releasing the plungers releases the combined equipment.

P2 Blue

P2 Orange

P2 Red

SUPEREIGHT® SUPERELECTRIC® E-2 & ROUGHNECK® P-2W HARD HATS

Supereight Superelectric E-2, the quality leader in head protection, is a thermoplastic, dielectric hard hat. Unique smooth crown design; 360° padded, perforated sweatband; multiple position adjustable headband; technically advanced eight point impact energy control suspension. Available in a variety of colours. With ratchet headband and Quick-Lok® block.

Roughneck P-2W fibreglass caps are built for strength, toughness, and durability, providing exceptional crack resistance. These caps handle the hard knocks in the toughest places — without developing the nicks and cracks often seen in other fibreglass caps. Available in a variety of colours. With ratchet headband and Quick-Lok® block.

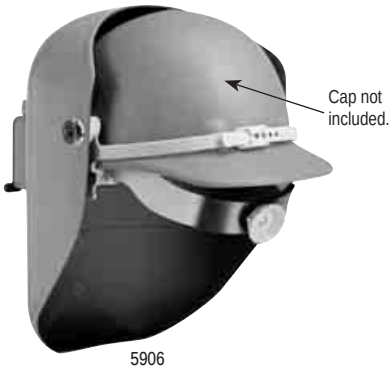
E-2 SERIES PART NO.	COLOUR	P-2W SERIES PART NO.
E2QRW-BL	Blue	P2QRW-BL
E2QRW-GN	Green	P2QRW-GN
E2QRW-GR	Grey	P2QRW-GR
E2QRW-OR	Orange	P2QRW-OR
E2QRW-RE	Red	P2QRW-RE
E2QRW-WH	White	P2QRW-WH
E2QRW-YE	Yellow	P2QRW-YE

Replacement suspension, web w/ ratchet headband.
Part No. 3-RW-2.

Welding Protective Equipment & Accessories

WELDING HELMET WITH SPEEDY-LOOP SYSTEM FOR USE WITH PROTECTIVE CAPS

For frequent on/off use with protective caps, welding helmets, faceshields, etc. equipped with Speedy® mounting loop. May be mounted and removed without removing the cap. Lift-front, 2" x 4¼".
Part No. 5906.



5906

WELDING HELMET WITH QUICK-LOK® SYSTEM FOR USE WITH PROTECTIVE CAPS

For long term combination use. These mounting blocks are screwed onto the protective cap. Welding helmets, faceshields, etc. with Quick-lok cups can then be securely mounted onto, and removed from, the cap without tools. Lift-front, 2" x 4¼".
Part No. 4906.

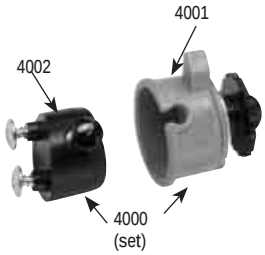
FACESHIELDS FOR USE WITH PROTECTIVE CAPS

With Quick-Lok mounting cups. Window sold separately.
Part No. F4400, 4" faceshield.
Part No. F4500, 7" faceshield.

F4400

QUICK-LOK ATTACHMENT ACCESSORIES

Part No. 4000, Quick-Lok kit, complete.
Part No. 4001, Quick-Lok helmet mounting cup.
Part No. 4002, Quick-Lok cap mounting block.



SPEEDY-LOOP KIT

Part No. 5000.

SLOTTED CAP BLADES

Part No. 6000.

BERNARD SHORTSTUBS® ELECTRODE HOLDER

Electrode can be used to within one inch of the Shortstubs head. Built to last with a proven high impact, high heat separate and easy to install replacement head. Capacity: 400 amps at 60% duty cycle. Electrode size: 1/16 - 1/4 (1.6 mm - 6.4 mm). Length: 8¾" (22 cm).
Part No. 40S.

Replacement head assembly for #40S.
Part No. K40.

FIBRE-METAL ELECTRODE HOLDER

"Twist Type" 400 amp at 60% duty cycle. Accepts electrodes 1/16" to 1/4" (1.6 mm - 6.4 mm). Length: 8¾" (22 cm). Similar handle design as most popular models on the market today. Interchangeable with popular models on the market today. Large set screw cable connection (same as most popular models).
Part No. S-400.

Replacement head assembly for #S-400.
Part No. T-400AD.

HEAVY DUTY CABLE CONNECTORS

Part No. FM40HD, Complete set. North American style; fits cables #4 to 4/0.
Part No. FM-40M, Male only.
Part No. FM-40F, Female only.

FM40HD

GROUND CLAMPS

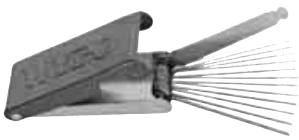
Part No. FMG-300, 300 amp.
Part No. FMG-500, 500 amp.

HAMMER-ON LUGS

Part No. FM-L11, 3/0 - 4/0.
Part No. FM-L22, 1/0 - 2/0.
Part No. FM-L33, 2 - 1 gauge.

WYPO TIP CLEANER SETS

Part No. MTC, Wypo Tip Cleaner Master Set. Set of 21 cleans 46 drill sizes.
Part No. STC, Wypo Tip Cleaner Standard Set. Set of 12 cleans 27 drill sizes.
Part No. KTC, Wypo Tip Cleaner King Set. Set of 12 extra long cleaners cleans 27 drill sizes.



FIBRE-METAL®

FIBRE METAL
Welding Protective Equipment & Accessories

CONE & CHISEL CHIPPING HAMMER
Part No. CH.

FLINT SPARK LIGHTERS
Part No. 3001, Round file single flint spark lighter.
Part No. 3001X, 5 pack replacement single flint.
Part No. 4501, Round file triple flint spark lighter.
Part No. 5012X, 4 pack replacement triple flint.

FOUR-PANEL SOFT WELDER'S CAP
Designed to cover more head and hair area. Reversible print/solid.
Part No. WC-470.

ENVIROSPAT PREMIUM ANTI-SPATTER CONCENTRATE
Prevents spatter build-up in welding applications of all types of materials including steel, stainless steel, aluminum. 16 oz. aerosol.
Part No. ES-16-A.

3M
Welding Drapes

•High Performance Welding Drape - Unique, ultra fire resistant fabric. Will not burn through, resists penetration by MIG weld spatter or grinding sparks, keeps components safe when performing welding operation. Lightweight, soft fabric, easy to handle and hold in place. Durable fabric, extended wear and tear resistance.
Part No. 05919, 57" x 80" Welding Drape.

WELDING ACCESSORIES
Welding Blankets & Heat Isolation Pads

WELDING BLANKETS
A 20 ounce and 32 ounce fibreglass base fabric that has been impregnated with cured silicone rubber. The silicone coating adds extended life while providing greater oil and water resistance than uncoated fabrics as well as low smoke and flame retardancy. Base fabric is safety rated to 537°C continuous operating temperature, the silicone coating is safety rated to 260°C on a continuous basis. Operating temperatures have a safety factor of 4:1.
Part No. TW20-5X5, 20-ounce, 5 ft. x 5 ft.
Part No. TW20-5X8, 20-ounce, 5 ft. x 8 ft.
Part No. TW32-5X5, 32-ounce, 5 ft. x 5 ft.
Part No. TW32-5X8, 32-ounce, 5 ft. x 8 ft.

HEAT ISOLATION PADS
These pads are designed to insulate and protect personnel, equipment, or the working environment from potentially hot hazards. Perfect personnel protection from hot steam pipes; exhaust systems, heating systems, etc. Protects equipment and the working environment from a temporarily introduced heat source. The pad is constructed of a high performance one inch thick insulating material that is covered with a high temperature resistant fabric on one side and a silicone impregnated, non (liquid) absorbing fabric on the other. The tan (or hot) side has a continuous temperature rating of 815°C, while the red (non-absorbing) side is rated at 260°C. Superior protection for use by welders, plumbers, maintenance personnel, mechanics, etc.
Part No. IP-12X12, 12" x 12".
Part No. IP-18X18, 18" x 18".
Part No. IP-24X24, 24" x 24".
Part No. IP-36X36, 36" x 36".

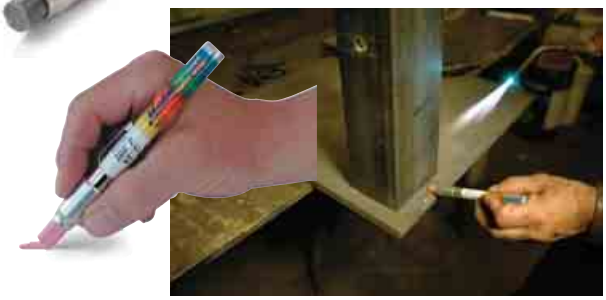
MARKAL®

Thermomelt® Temperature Indicators

•Accurate, fast, low-cost method for measuring surface temperatures •Accurate to within ±1% of stated temperature •4½" Thermomelt® Stik® features a stainless steel holder with pocket clip for convenient, easy use •Meets ANSI/ASME CODE B31.1, and B31.3, AWS D1.1 and ASME Code Sec. I, III and VII, NIST traceable

PART NO.	TEMPERATURE	
	°F	°C
86436	125	52
86463	150	66
86481	175	79
86499	188	87
86517	200	93
86544	225	107
86562	250	121
86625	300	149

PART NO.	TEMPERATURE	
	°F	°C
86697	350	177
86733	400	204
86769	450	232
86805	500	260
86868	700	371
86895	850	454
86931	1000	538
86985	1250	677



"PUT IT ON" PRODUCTS

Eye Protection & Lens Cleaning

TWISTER PROTECTIVE EYEWEAR

The Twister's sleek wraparound unitary lens features a 9.0 base curve offering a secure fit. Extremely lightweight at 26 grams, it provides maximum comfort. Premium optical quality with scratch resistant hard coated 100% polycarbonate lenses that filter out 99.9% of harmful UV rays. CSA approved.

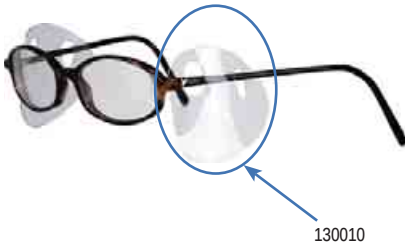
PART NO.	LENS COLOUR	FRAME COLOUR
W20800	Clear	Clear
W20802	Grey	Grey
W20804	Amber	Amber
W20807	Blue Mirror	Grey
W20808	Indoor/Outdoor	Silver

SAFETY GLASSES & ACCESSORIES

The Temp™ Visitor Spectacles - an economical alternative for those temporary jobs. Where protection is mandatory, popular wraparound style, with molded browguard and nose bridge. Part No. W1080.

Slip-On Sideshields - clear.
Part No. 130010.

W1080



130010

THE SOFTIE GOGGLE™

Incorporating generous sizing and protection. The size offers the ability to be worn over prescription glasses and the proper seal allows for increased protection. The neoprene headband provides comfort and durability. Perforated models for protection from flying particles. Cap vented for protection against splash, flying particles and dust.
Part No. 150000, Perforated goggle, clear frame and lens.
Part No. 150020, Perforated goggle, clear frame and clear fog free lens.
Part No. 150010, Cap vent goggle, clear frame and lens.
Part No. 150030, Cap vent goggle, clear frame and clear fog free lens.

150000

150010

HEAVY DUTY METAL LENS CLEANING STATION

This quality designed station is completely assembled and ready to use. Contents: (2) 500 ml Anti-Fog lens Cleaner with Sprayer and (1) box All Purpose 1-ply Tissue, 1 lock and key Part No. 200010.

LENS CLEANER

Part No. 200020, 4 litre antifog lens cleaner
Part No. 20003P, 500 ml antifog lens cleaner
Part No. 200040, 4 oz. antifog lens cleaner
Part No. 200050, Replacement spray pump
Part No. 200190, All purpose 1-ply tissues, 300 tissue/box

"PUT IT ON" PRODUCTS

Welding Helmets & Headwear

RATCHET TAKE-UP HEADGEAR

Designed to give the worker unrestricted movement, comfort and safety. The headband adjusts by pinlocks and the pivot assembly can be adjusted while wearing heavy gloves. Features include: Ratchet style head band, compact lightweight spark guard, adjustable tension pivot assembly, CAM locks window retention. (Faceshield lens ordered separately.)
Part No. 244065.

HEADGEAR WITH VISOR & CHIN PROTECTOR

Features a chin protector for additional protection from objects or splash. An adjustable ratchet headband with "Full-floating" mounting and an adjustable tension pivot assembly provides comfort and convenience. Large spark guard on headgear.
Part No. 244041.

FORMED FACESHIELDS

Polypropionate clear shield measuring 8" x 15.5" x .060". The attachment pattern is a series of slots designed to fit a large variety of headgear.
Part No. 243960, Clear.
Part No. 244090, Dark Green.

FLIP FRONT HIDEROK® WELDING HELMET

Extremely lightweight which reduces fatigue. The "Hiderok" material was selected to deliver the desired strength, flexibility and safety with the least possible weight. The helmet shell is a seamless one piece construction. Perfectly balanced with ratchet headgear and 4 position adjustment for maximum comfort. 2" x 4" flip front, c/w Shade II IR filter plate and clear polycarbonate cover plate.
Part No. 320000.
Part No. 232010, Replacement Ratchet Headgear.

FILTER POLYCARBONATE REPLACEMENT LENSES

PART NO.	SIZE	LENS SHADE
220920	2" x 4.25"	5
220930	2" x 4.25"	6
221350	2" x 4.25"	8
220940	2" x 4.25"	9
220950	2" x 4.25"	10
220960	2" x 4.25"	11
220970	2" x 4.25"	12
221445	4.5" x 5.25"	9
221170	4.5" x 5.25"	10
221450	4.5" x 5.25"	11
221180	4.5" x 5.25"	12
221140	50 mm Round	4
221150	50 mm Round	5

CLEAR POLYCARBONATE COVER LENSES

PART NO.	SIZE	LENS SHADE
22050E	2" x 4.25"	Clear
22057PE	4.5" x 5.25"	Clear
22062PE	50 mm Round	Clear

KIMBERLY-CLARK

Kimtech Science Kimwipes® EX-L Lens Cleaning Station

Kimberly-Clark®

A disposable, self-contained system, ideal anywhere glasses or safety lenses are worn. Filled with KIMWIPES® EX-L extra low lint wipers and an anti-static, anti-fog, silicone free cleaning solution to remove dirt quickly and easily. 1 ply tissue, sheet size: 4.4" x 8.4".
Part No. 34623, Case of 4 stations, each station includes 8 oz. cleaner, 560 white sheets.
Part No. 34644, Case of 4 stations, each station includes 16 oz. cleaner, 1120 white sheets.

Hearing Protection

MAX® PRE-SHAPED FOAM DISPOSABLE EARPLUGS — The Highest NRR available.

•Smooth outer skin for maximum user comfort •The smooth, soil-resistant skin helps prevent dirt from penetrating the surface prior to insertion •Coral colour •NRR 33
Part No. MAX-1, without cord, packed in individual poly bag.
Part No. MAX-30, with poly cord, packed in individual poly bag.
Part No. MAX-5, without cord, 5 pair in resealable poly bag.

MULTIMAX® MULTI-SIZED FOAM DISPOSABLE EARPLUGS

•Uniquely designed two-sizes-in-one earplug •Smooth, soil resistant skin and attenuation effectiveness •Natural crown shape with slight taper •Yellow and orange colour •NRR 31
Part No. MM-1, without cord, packed in individual poly bag.
Part No. MM-1-PB, without cord, packed in individual recyclable paper bag.

MAX-LITE® LOW PRESSURE FOAM DISPOSABLE EARPLUGS

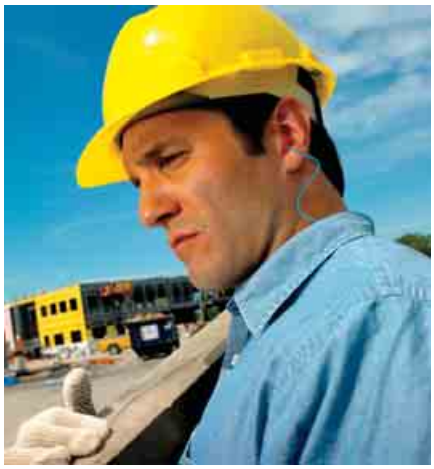
•Low pressure on ear canal •Non-irritating, non-allergenic, self-adjusting foam •Comfortable to wear for extended periods •Good for smaller ear canals •Green colour •NRR 30
Part No. LPF-1, without cord, packed in individual poly bag.
Part No. LPF-30, with poly cord, packed in individual poly bag.
Part No. LPF-30-P, with white cotton cord, packed in individual recyclable paper bag.
Part No. LPF-30-PB, with poly cord, packed in individual recyclable paper bag.

LASER-LITE® MULTI-COLOUR FOAM DISPOSABLE EARPLUGS

•Non-irritating, non-allergenic, self-adjusting foam •Recovers to fit virtually any ear canal •Special fit for smaller ear canals •Multicolour red/yellow •NRR 32
Part No. LL-1, without cord, packed in individual poly bag.
Part No. LL-30, with poly cord, packed in individual poly bag.

LASER-TRAK® DETECTABLE FOAM DISPOSABLE EARPLUGS

•Two-way traceability, component is safety contained •Pre-shaped polyurethane material •Orange and blue colour with a blue vinyl cord •NRR 32
Part No. LT-30, with vinyl cord, packed in individual poly bag.



QUIET® REUSABLE FOAM EARPLUGS

•Reusable •No rolling required •Built-in flex stem •Washes with soap and water •Universal fit unless stated •Orange colour unless stated •NRR 26
Part No. QD1-SM, small, without cord, packed in clear flip-top box.
Part No. QD1, medium, without cord, packed in clear flip-top box.
Part No. QD1-LG, large, without cord, packed in clear flip-top box.
Part No. QD1-NAT, natural colour, without cord, packed in clear flip-top box.
Part No. QD1-RC-SM, small, without cord, packed in safety impact case.
Part No. QD1-RC, medium, without cord, packed in safety impact case.
Part No. QD1-RC-LG, large, without cord, packed in safety impact case.
Part No. QD30-SM, small, with yellow poly cord, packed in clear flip-top box.
Part No. QD30, medium, with orange poly cord, packed in clear flip-top box.
Part No. QD30-LG, large, with light blue poly cord, packed in clear flip-top box.
Part No. QD30-RC-SM, small, with yellow poly cord, packed in safety impact case.
Part No. QD30-RC, medium, with orange poly cord, packed in safety impact case.
Part No. QD30-RC-LG, large, with light blue poly cord, packed in safety impact cas

QD-1

Quiet

QD-30

AIRSOFT® REUSABLE AIR CUSHIONED EARPLUGS

•Reusable •Patented soft attenuating material around an air-cushion •Washes with soap and water •Comfortable for extended wear •Provides months of protection •Universal fit unless stated •Blue colour •NRR 27
Part No. DPAS-1, without cord, packed in clear flip-top box.
Part No. DPAS-30R, with red poly cord, packed in clear flip-top box.
Part No. DPAS-30W, with white nylon cord, packed in clear flip-top box.
Part No. AS-1, without cord, packed in safety impact case.
Part No. AS-30R, with red poly cord, packed in safety impact case.
Part No. AS-30W, with white nylon cord, packed in safety impact case.

DPAS-1

AS- 30W

EARPLUG DISPENSER REFILLS - FOR USE IN LEIGHT DISPENSER ONLY

Part No. MAX-1-D, MAX® pre-shaped foam earplugs, 500 pair box.

Part No. MM-1-D, MULTI-MAX® multi-sized foam earplugs, 500 pair box.

Part No. LPF-1-D, MAX-LITE® low pressure foam earplugs, 500 pair box.

Part No. LL-1-D, LASER-LITE® multi-colour foam earplugs, 500 pair box.

Part No. QD-1-DS, QUIET® reusable foam earplugs, 200 pair box.

LEIGHT EARPLUG DISPENSER

•Built with heavy duty anodized aluminum and designed for wall installation •Dispenser dispenses plugs with a simple turn of the handle •For use only with Howard Leight earplug dispenser refills
Part No. LS-500.

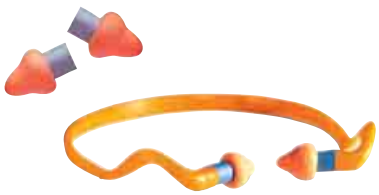
QB1HYG QUIET BANDS - Under Chin Hygienic Banded Hearing Protectors

•Ergonomic designed band keeps the pads suspended so they don't become contaminated when you set them down •Unique blend of the Quiet™ earplug •NRR 27
Part No. QB1HYG, banded inner-aural hearing protector with 1 free pair of #QB100HYG replacement pads enclosed.
Part No. QB100HYG, replacement pads for QB1HYG.

QB1HYG™

QB2HYG QUIET BANDS - Under Chin Hygienic Banded Hearing Protectors

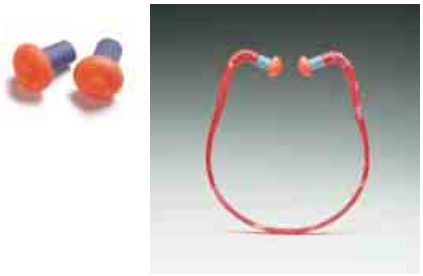
•Ergonomic designed band keeps the pads suspended so they don't become contaminated when you set them down •Has softly styled foam pads shaped for supra-aural protection •NRR 25
Part No. QB2HYG, banded supra-aural hearing protector with 1 free pair of #QB200HYG replacement pads enclosed.
Part No. QB200HYG, replacement pads for QB2HYG.



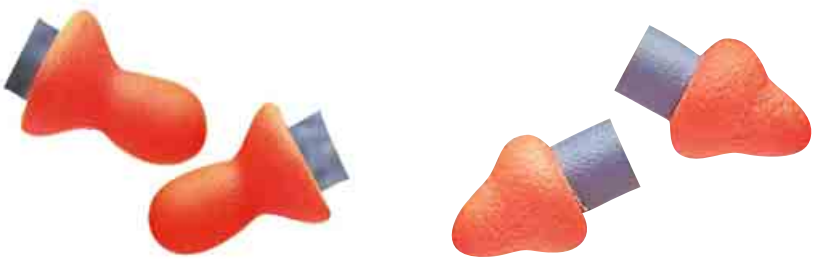
QB2HYG™

QB3HYG QUIET BANDS - Under Chin Hygienic Banded Hearing Protectors

•Ergonomic designed band keeps the pads suspended so they don't become contaminated when you set them down •Designed for those who require moderate or intermittent hearing protection •Semi-aural pads fit just to the ear canal opening •NRR 23
Part No. QB3HYG, banded semi-aural hearing protector with 1 free pair of #QB300HYG replacement pads enclosed.
Part No. QB300HYG, replacement pads for QB3HYG.



QB3HYG™



HOWARD LEIGHT

Hearing Protection

Bilsom

NOISE BLOCKING EARMUFFS

When you need to block the noise. Thunder®, Leightning®, Viking™ and Mach 1™ earmuffs provide a choice of features and protection ideal for many workers and environments.

LEIGHTNING® SERIES

•Maximum protection from an earmuff •With Air Flow Control™ technology •Robust steel headband withstands demanding use •Padded foam headband and super soft ear cushions deliver long wearing comfort •Contemporary design improves wearer compliance •Telescoping height adjustment
Part No. 1010924, 30 NRR.
Part No. 1010923, 27 NRR.
Part No. 1010922, 25 NRR.

LEIGHTNING® CAP-MOUNT

•For use with a wide range of popular hard hats •Earcups snap in place during use and swing back when not in use •Adapter included with earmuff
Part No. 1011993, 27 NRR.
Part No. 1011992, 25 NRR.
Part No. 1011991, 23 NRR.

LEIGHTNING® NECKBAND

•Sleek, anatomic behind the head design •Use with face shields, visors, hard hats and other PPE •Includes headband strap for better positioning
Part No. 1011996, 28 NRR.
Part No. 1011995, 26 NRR.
Part No. 1011994, 25 NRR.

LEIGHTNING® FOLDING

•Convenient folding design for easy storage
Part No. 1011997, 27 NRR.

1011996

1011997

LEIGHTNING® HI-VISIBILITY SERIES

•Fluorescent green earcups, provide high visibility and contrast on the job. Ideal to wear at night, during the day, in low light, and under inclement weather conditions. Bright fluorescent green colour does not fade when exposed to sunlight •Reflective padded foam headband •Maximum protection from an earmuff with Air Flow Control™ technology •Robust steel wire headband withstands demanding use •Padded foam headband and super soft ear cushions deliver long wearing comfort •Snap-In ear cushions •Contemporary design improves wearer compliance •Telescoping height adjustment
Part No. 1013941, Headband Earmuff - 30 NRR.
Part No. 1013942, Folding Earmuff - 27 NRR .

THUNDER® SERIES

•Top of the line protection and comfort •With Air Flow Control™ technology •Uniform headband pressure for all head sizes •Inner ventilated headband minimzes pressure on the head, breathes easier in warm/humid climates (929 & 970 only) •Non-deforming outer headband withstands rough treatment •Quick-Click height adjustment •Dielectric design for safe electrical environments
Part No. 1010970, 30 NRR.
Part No. 1010929, 28 NRR.
Part No. 1010928, 26 NRR.

THUNDER® CAP-MOUNT

•For use with a wide range of popular hard hats •Earcups snap in place during use and swing back when not in use •Adapter included with earmuff
Part No. 1011603, 27 NRR.
Part No. 1011602, 25 NRR.
Part No. 1011601, 23 NRR.

THUNDER® FOLDING

•Convenient folding design for easy storage
Part No. 1011600, 25 NRR.

Bilsom

NOISE BLOCKING EARMUFFS

When you need to block the noise. Thunder®, Leightning®, Viking™ and Mach 1™ earmuffs provide a choice of features and protection ideal for many workers and environments.

VIKING™ SERIES

•Multiple position headband allows wearer to select position over-the head, behind-the-head, under-the-chin Alternative to cap mounted earmuffs - wear with hard hats, face shields, respirators and other PPE •Inner ventilated headband minimzes pressure on the head, breathes easier in warm/humid climates (926 & 927 only) •Includes head-band strap for better positioning •Dielectric design safe for electrical environments •Headband strap for multiple position wear

Part No. 1010927, 29 NRR.
Part No. 1010926, 25 NRR.
Part No. 1010925, 23 NRR.

MACH 1™ SERIES

•An economical choice for basic hearing protection •Adjusts to fit any head size •Dielectric, super lightweight construction

Part No. 1010421, 18 NRR.

SOUND MANAGEMENT EARMUFFS

Sometimes blocking sound isn't enough. You need to filter noise out and let information in. The sound management earmuffs use patented electronic and non-electronic technologies that screen out harmful noise while letting alarms, warnings and even co-workers' voices come through.

CLARITY™ SERIES

•Patented technology offers sophisticated filtering without electronics •Blocks noise but helps wearers hear co-workers' speech, warning sounds and alarms •Improves safety in environments where overprotection is a danger •Inner ventilated headband minimzes pressure on the head, breathes easier in warm/humid climates •Dielectric design for electrical environments

Part No. 1011146, 27 NRR.
Part No. 1011145, 23 NRR.
Part No. 1011142, 20 NRR.

CLARITY™ CAP-MOUNT

•For use with a wide range of popular hard hats •Earcups snap in place during use and swing back when not in use •Adapter included with earmuff

Part No. 1011147, 25 NRR.
Part No. 1011242, 20 NRR.

CLARITY™ FOLDING

•Convenient folding design for easy storage

Part No. 1011143, 20 NRR.

IMPACT™ SERIES

•Sound amplification allows wearers to hear important communication •Directionally placed stereo microphones amplify and enhance sound for more natural hearing •Ideal for hearing impaired workers •Limits sound amplification to 82dB •Automatic shut off and AUX signal input

Part No. 1010376, 23 NRR.

IMPACT™ CAP-MOUNT

Part No. 1010632, 21 NRR.

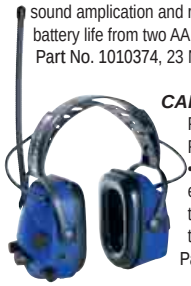
RADIO EARMUFFS

Add music and routine jobs become more satisfying. Radio earmuffs provide protection from noise — and let you listen to music from a built-in AM/FM stereo radio.

ELECTO®

•Separate controls for radio and sound amplification •Directionally placed microphones amplify and enhance sounds •Limits sound amplication and radio volume to 82 dB •130 hour battery life from two AA batteries

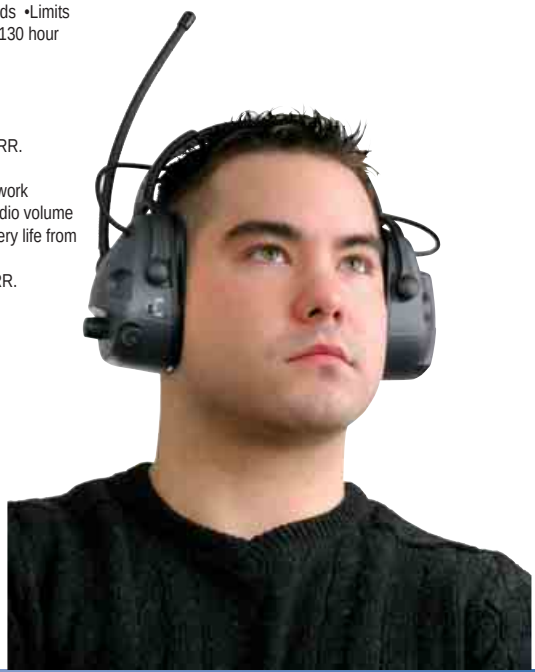
Part No. 1010374, 23 NRR.



CAP-MOUNT

Part No. 1010631, 21 NRR.
Radio
•Built for tough outdoor work environments •Limits radio volume to 82 dB •140 hour battery life from two AA batteries

Part No. 1010375, 23 NRR.



MOLDEX

Hearing Protectors

JAZZ BAND® SEMI-AURAL HEARING PROTECTOR

Cool and comfortable to wear. The high NRR 25 rating makes it an ideal alternative to earmuffs. The replaceable soft foam pods feature Moldex's exclusive AdB® coating to help provide maximum attenuation, repel dirt, and allow pods to be washed and reused. Spare pair of pods included plus optional breakaway neck cord to allow Jazz Band to conveniently hang around the neck when not in use.

Part No. 6506, Jazz Band under the chin hearing protector, standard box quantity is 10.

Part No. 6504, Bag of 5 replacement pods and 1 neck cord, standard box quantity is 50.

PURA-FIT® SOFT FOAM EAR PLUGS

High NRR 31 rating is suitable for most industrial environments. Tapered for easy insertion in any size ear canal. Made from softer foam with a non-irritating, smooth surface for comfort. Longer length for easy fitting and removal. Bright green colour for easy compliance checks. Corded model #6900 helps workers keep track of their ear plugs in applications like food processing and other chemical preparations.

Part No. 6800, Pair Pura-Fit ear plugs, standard box quantity is 200.

Part No. 6900, Pura-Fit ear plugs, corded, standard box quantity is 100

SPARKPLUGS® MULTI-COLOUR SOFT FOAM EAR PLUGS

Fun-coloured SparkPlugs are sure to put some spark into your hearing protection program. Every package reveals two different coloured SparkPlugs. The soft foam, tapered design snugly, yet comfortably, seals the ear canal. High NRR 30 rating is suitable for most industrial environments. Bright, fun colours provide for easy compliance checks. Non-irritating. Corded model #6654 helps workers keep track of their ear plugs when not in use.

Part No. 6604, Pair SparkPlugs ear plugs, standard box quantity is 200.

Part No. 6654, SparkPlugs ear plugs, corded, standard box quantity is 100.

PLUGSTATION®

Gives workers easy access, with high visibility, to earplugs. Increases awareness for your hearing conservation program. PlugStation is affordable enough to be placed virtually anywhere. PlugStation eliminates individual paper/poly-bag packaging, reduces mess and facility maintenance cost. PlugStation is sealed and disposable plus completely recyclable. Available in 2 sizes with either SparkPlugs (NRR 30) or Pura-Fit (NRR 31) soft foam earplugs. Mounting bracket with hardware included.

Part No. 6644, PlugStation with 250 pairs SparkPlugs ear plugs.

Part No. 6645, PlugStation with 500 pairs SparkPlugs ear plugs.

Part No. 6844, PlugStation with 250 pairs Pura-Fit ear plugs.

Part No. 6845, PlugStation with 500 pairs Pura-Fit ear plugs.

AEARO

Hearing & Eye Protection

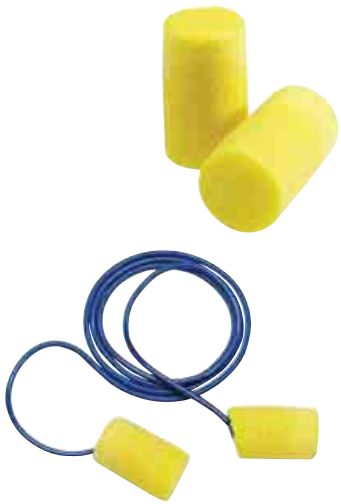
E.A.R. CLASSIC® EARPLUGS

Features/Benefits: •Proven size, shape and foam •The E-A-R yellow colour is your assurance of proven protection •Moisture resistant dermatologically safe foam is not irritating •Slow recovery PVC foam provides comfort with low pressure •NRR 29dB

Part No. 310-1001, 1 pair uncorded, pillow pack.

Part No. 311-1101, 1 pair corded, poly bag.

Part No. 312-1201, 1 pair uncorded, poly bag.



E.A.R. TAPERFIT®2 EARPLUGS

Features/Benefits: •Soft, smooth design for ultimate comfort •Self-adjusting foam provides low pressure seal •The E-A-R yellow colour is your assurance of proven protection •Dermatologically safe foam is non-irritating to the skin •NRR 32dB

Part No. 312-1219, 1 pair regular size, uncorded, poly bag.

Part No. 312-1221, 1 pair plus size, uncorded, poly bag.

Part No. 312-1223, 1 pair regular size, corded, poly bag.

Part No. 312-1224, 1 pair plus size, corded, poly bag.

PELTOR PTL EARMUFFS

Features/Benefits: •Just push the button and speech "outside" the muff cup can be heard "inside" clearly and safely •No more lifting the cup or removing the muff to communicate with co-workers •Electronic hearing without the common electronic price premium

Part No. H7A-PTL, Over-the-head, NRR 26dB.

Part No. H7B-PTL, Behind-the-head, NRR 25dB.

Part No. H7P3E-PTL, Cap attached, NRR 25dB.

Part No. H7AHV-PTL, Hi-viz, over-the-head, NRR 26dB.

PELTOR OPTIME 105 EARMUFFS

Features/Benefits: •Recommended for noise levels up to 105dB •Twin cup design minimizes resonance, thus achieving maximum high and low frequency attenuation •CSA class AL
Part No. H10A, Over-the-head, dual cup, NRR 30dB.
Part No. H10B, Behind-the-head, dual cup, NRR 29dB.
Part No. H10P3E, Cap attached, dual cup, NRR 27dB.
Part No. H10AHV, Hi-viz, over-the-head, dual cup, NRR 30dB.

PELTOR OPTIME 101 EARMUFFS

Features/Benefits: •Recommended for noise levels up to 101dB •CSA class A •Green
Part No. H7A, Over-the-head, NRR 27dB.
Part No. H7B, Behind-the-head, NRR 26dB.
Part No. H7P3E, Cap attached, NRR 24dB.

PELTOR OPTIME 95 EARMUFFS

Features/Benefits: •Recommended for noise levels up to 95dB •Slim design for high comfort and continuous wear •Great for wearing with welding hoods •Low Profile
Part No. H6A/V, Over-the-head, beige, NRR 21dB, CSA Class B.
Part No. H6B/V, Behind-the-head, beige, NRR 21dB, CSA Class B.
Part No. H6F/V, Folding, beige, NRR 21dB, CSA Class B.
Part No. H6P3E/V, Cap attached, beige, NRR 21dB, CSA Class A.

METALIKS SPORT PROTECTIVE EYEWEAR

Features/Benefits: •A brushed nickel frame and sport styled lens •Sleek 10-base lens •Soft universal fit nosepiece and rubber temple tips •Anti-fog or hard coat lens •Meets ANSI Z87.1 and CSA Z94.3 standards
Part No. 11343, Clear anti-fog lens.
Part No. 11344, Gray anti-fog lens.
Part No. 11346, Amber anti-fog lens.
Part No. 11345, Indoor/Outdoor mirror hard coat lens.
Part No. 11540, Blue mirror hard coat lens.

FUEL 2 PROTECTIVE EYEWEAR

Features/Benefits: •Sleek, universal fit design •Flared accents •Soft temple tips and nosebridge •High impact protection •Meets ANSI Z87.1 and CSA Z94.3 standards •Comes with lanyard and micro fiber bag
Part No. 11650, Metallic sand frame, red overmold, red mirror lens.
Part No. 11651, Metallic sand frame, red overmold, clear anti-fog lens.
Part No. 11652, Silver colour frame, blue overmold, blue mirror lens.
Part No. 11653, Silver colour frame, blue overmold, clear anti-fog lens.
Part No. 11654, Black rubberized frame, black overmold, gray anti-fog lens.

MAXIM™ PROTECTIVE EYEWEAR

Features/Benefits: •Dual injected, cushioned brow bar for comfort and protection •Dual-aspheric lens for prescription quality, distortion free vision •Meets ANSI Z87.1 and CSA Z94.3 standards •Black Adjustable Temple
Part No. 13250, Clear lens.
Part No. 13251, Bronze lens.
Part No. 13252, Indoor/Outdoor mirror lens.
Part No. 13253, Amber lens.
Part No. 12292, IR 3.0 lens.
Part No. 12293, IR 5.0 lens.

LEXA® PROTECTIVE EYEWEAR & GOGGLEGEAR® FOR LEXA®

Lexa® Eyewear

Features/Benefits: •Adjustable length temples and lens angle adjustment •DX™ Anti-Fog Hard Coat guards against fogging •Duralite polycarbonate lenses adsorb 99.9% of UV rays •Meets ANSI Z87.1 and CSA Z94.3 standards •Black Temple
Part No. 15200, Clear DX lens, size medium.
Part No. 15100, Clear DX lens, size large.

Part No. 15204, Gray DX lens, size medium.
Part No. 15104, Gray DX lens, size large.

Part No. 15211, IR 3.0 lens, size medium.
Part No. 15111, IR 3.0 lens, size large.

Part No. 15212, IR 5.0 lens, size medium.

Part No. 15214, Indoor/Outdoor mirror lens, size medium.

Lexa® Replacement Lenses with Nose Bridge

Part No. 15238, Indoor/Outdoor mirror lens, size medium.
Part No. 15245, Clear lens, size medium.
Part No. 15145, Clear lens, size large.
Part No. 15246, Gray lens, size medium.

SPLASH GOGGLEGEAR® FOR LEXA®

Features/Benefits: •Converts Lexa lens to the lightest, most comfortable splash goggle, only 1.8 oz. •Contoured lens provides wide viewing range of work area •DX™ anti-fog hard coat standard •Meets ANSI Z87.1 and CSA Z94.3 standards
Part No. 16644, Clear with headstrap and clear lens, size medium.
Part No. 16645, Clear with headstrap and clear lens, size large.

DUST GOGGLEGEAR® FOR LEXA®

Features/Benefits: •Converts Lexa lens to a dust goggle in just a snap •Vent channels at top and bottom for improved air flow •Lighter weight than most goggles for improved comfort •Soft foam backing seals out particulates •DX™ anti-fog hard coat standard •Meets ANSI Z87.1 and CSA Z94.3 standards
Part No. 16615, Black frame and clear lens, standard bridge, size medium.
Part No. 16616, Black frame and clear lens, standard bridge, size large.
Part No. 16617, Black frame and clear lens with strap, size medium.
Part No. 16618, Black frame and clear lens with strap, size large.

Splash GoggleGear®

Dust GoggleGear®

AEARO

AOS/1030/1031/1032

Eye Protection

QX™ PROTECTIVE EYEWEAR

Features/Benefits: •Dual 9 base lens for ultimate wrap coverage •DX™ anti-fog hard coat guards against fogging •Meets ANSI Z87.1 and CSA Z94.3 standards •Black Spatula Temple
Part No. 12100, Clear lens.
Part No. 12101, Gray lens.
Part No. 12104, Amber lens.

SX™ PROTECTIVE EYEWEAR

Features/Benefits: •Sports inspired style with a sleek design •DX™ anti-fog hard coat guards against fogging •Meets ANSI Z87.1 and CSA Z94.3 standards •Black Half Frame
Part No. 12144, Clear lens soft nose.

MAXIM™ 2X2 TACTICAL AIR SEAL GOGGLE

Features/Benefits: •Patented air seal for comfort, protection, impact absorption and flotation •Excellent orbital eye coverage and wide field of vision •Meets ANSI Z87.1 and CSA Z94.3 standards
Part No. 40678, Kit, includes tough polycarbonate anti-fog lenses (clear, gray, amber), high impact nylon frame, interchangeable temples and headband, with tough black nylon kit.
Part No. 40686, Black frame with clear lenses, strap and temples.
Part No. 40687, Black frame with gray lenses, strap and temples.
Part No. 40683, Clear replacement lenses.
Part No. 40684, Gray replacement lenses.
Part No. 40685, Amber replacement lenses.

V2 INDUSTRIAL VISORS

NEW!!

Solid 16.5 x 30 cm windows for clear vision and added impact resistance. Acetate window for general impact protection.
Part No. V2A.

Hard hat attachment parts — for attaching #V2A above to your hard hat.
Part No. P3EV/2.

Aearo TECHNOLOGIES

DEGIL

SAF/1745

Hearing Protection

DEPLUG™ DISPOSABLE EARPLUGS

DePlug red foam tapered earplugs, meets CSA class A standards, 29 dB - 200pr/box
Part No. 77200.

DEGIL SAFETY PRODUCTS INC

DePlug

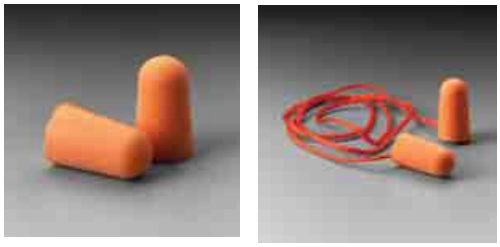
3M

MMM/4055

Hearing Protection

3M™ EAR PLUGS

Non-allergenic material makes them safe to use. Noise reduction rating is 29dB. Foam plugs conform to ear canal
Part No. 1100, 3M Ear Plug.
Part No. 1110, 3M Corded Ear Plug.



3M

SAS®

SAS/3440

Hearing Protection

FOAM EAR PLUGS

Dispenser box of 200 pairs, foam earplugs - NRR 29 dB
Part No. 6100.

CORDED REUSABLE FOAM EAR PLUGS

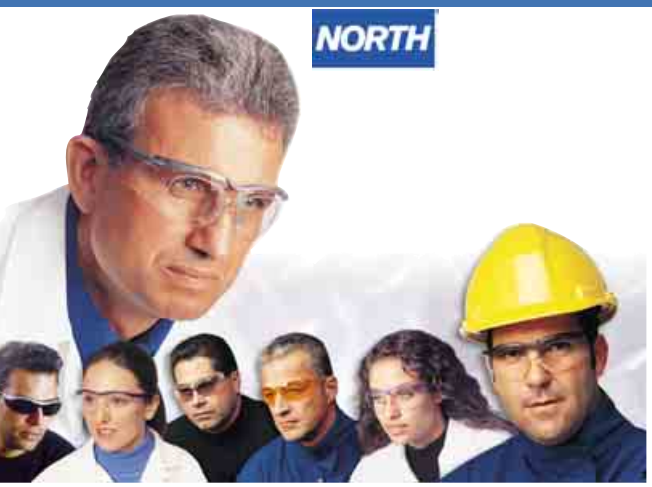
Corded reusable foam earplugs c/w carrying case - NRR 28 dB
Part No. 6101.

TRIPLE-POSITION EARMUFF

Triple-position earmuff, to be worn under the chin, over the head or behind the head - NRR 22 dB
Part No. 6105.

SAS SAFETY CORP.

Proud Canadians!



Lens Selection Chart

Lens Colour	Description
Clear	For indoor or outdoor applications where impact protection is required
Amber	For low light applications where contrast enhancement is required
Smoke	For outdoor applications where sunlight and glare cause eye strain and fatigue. Not for use when infrared protection is required.
Mirror	For outdoor applications where sunlight and glare cause eye strain and fatigue. Not for use when infrared protection is required.
I/O Light Gray Mirror	For indoor/outdoor applications. Reduces glare from scattered light

IR Filters

Lens Colour	Description
Shade 3	Torch brazing or torch soldering, light cutting
Shade 5	Light brazing, cutting and gas welding

LIGHTNING™ & LIGHTNING PLUS™ PROTECTIVE EYEWEAR

Features/Benefits: •High base panoramic lens for a wide unobstructed field of view •New Soft-Touch comfort pads •Provided with two Flexi-Fit soft nose pieces (regular and narrow) for comfort and adaptability •The lenses are protected with : Anti-Fog, Anti-Scratch, Anti-UV 99.9%, and Anti-Static •Meets or exceeds ANSI Z87.1 and CSA Z94.3 requirements.
Lightning™ additional features include a frame made of new Elasto LT chemical resistant material, and self-adjusting temples that insure a secure yet comfortable fit
Lightning Plus™ additional features include bowed temples designed to fit virtually anyone

PART NO.	LENS COLOUR	FRAME COLOUR	REPLACEMENT LENSES
LIGHTNING™ SERIES			
T65005	Clear	Black	469RL
T65005S	Smoke	Black	470RL
T65005A	Amber	Black	471RL
T65005M	*Mirror	Black	472RL
LIGHTNING PLUS™ SERIES			
T65505B	Clear	Black	469RL

**Mirror lenses are not anti-fog.*

TORNADO™ PROTECTIVE EYEWEAR

Features/Benefits: •Great looking eyewear with the right comfort and fit to please your most demanding worker •A unique dual lens styling in a single piece lens design •The lenses are protected with: Anti-Fog, Anti-Scratch, Anti-UV 99.9%, and Anti-Static •Meets or exceeds ANSI Z87.1 and CSA Z94.3 requirements.
T5700 series feature adjustable curved temples
T5800 series feature stylish straight temples

PART NO.	LENS COLOUR	FRAME COLOUR	REPLACEMENT LENSES
T5700 SERIES			
T57005B	Clear	Black	451RL
T57005GRY	Clear	Gray	451RL
T57005BS	Smoke	Black	452RL
T57005BA	Amber	Black	453RL
T57005BM	*Mirror	Black	454RL
T57005GRYM	*Mirror	Gray	454RL
T5800 SERIES			
T58005B	Clear	Black	451RL
T58005BS	Smoke	Black	452RL
T58005BA	Amber	Black	453RL
T58005BM	*Mirror	Black	454RL

**Mirror lenses are not anti-fog.*

THE EDGE™ PROTECTIVE EYEWEAR

Features/Benefits: •Single piece polycarbonate lens with a 9 based curve for maximum peripheral vision •Comes complete with 2 sets of temple ends: Stylish straight ends plus ear hugging curved ends •The lenses are protected with : Anti-Fog, Anti-Scratch, Anti-UV 99.9%, and Anti-Static •Meets or exceeds CSA Z94.3 requirements.

PART NO.	LENS COLOUR	FRAME COLOUR	REPLAC. LENSES
T56005B	Clear	Black	443RL
T56005BL	Clear	Blue	443RL
T56005GRY	Clear	Gray	443RL
T56005BS	Smoke	Black	444RL
T56005BA	Amber	Black	445RL
T56005BM	*Mirror	Black	464RL
T56005BTCG	*I/O Light Gray	Black	465RL

**Mirror lenses are not anti-fog.*

WHISPER™ PROTECTIVE EYEWEAR

Features/Benefits: •The Whisper series with its style, comfort and protection sets the industry standard! •The lenses are protected with : Anti-Scratch, Anti-UV 99.9%, and Anti-Static •Meets or exceeds ANSI Z87.1 and CSA Z94.3 requirements.

PART NO.	LENS COLOUR	FRAME COLOUR	REPLAC. LENSES
T51005B	Clear	Black/Frameless	436HRL

SQUIRE™ PROTECTIVE EYEWEAR

Features/Benefits: •Lightweight 100% nylon wrap around frame •One piece polycarbonate lens with integrated sideshields •Wide angle vision and total protection •Adjustable temple for maximum fit •The lenses are protected with : Anti-Scratch, Anti-UV 99.9%, and Anti-Static •Meets or exceeds ANSI Z87.1 and CSA Z94.3 requirements.

PART NO.	LENS COLOUR	FRAME COLOUR	REPLAC. LENSES
T16055	Clear	Black	446RL
T16055S	Smoke	Black	448RL

KNIGHT™ PROTECTIVE EYEWEAR

Features/Benefits: •Lightweight, stylish, 100% nylon black frame •Teardrop shaped lenses, removable sideshields •The lenses are protected with : Anti-Scratch, Anti-UV 99.9%, and Anti-Static •Meets or exceeds ANSI Z87.1 and CSA Z94.3 requirements.

PART NO.	LENS COLOUR	SIDESHIELDS COLOUR
T35005	Clear	Clear

ILLUSION™ PROTECTIVE EYEWEAR

Features/Benefits: •Full coverage spectacles •Attractive low profile uni-lens shape •Made of lightweight high impact resistant materials •The lenses are protected with : Anti-Fog, Anti-Scratch, Anti-UV 99.9%, and Anti-Static •Meets or exceeds ANSI Z87.1 and CSA Z94.3 requirements.

PART NO.	LENS COLOUR	TEMPLE COLOUR
T15005	Clear	Black
T15005S	Smoke	Black
T15005A	Amber	Black
T15005M	*Mirror	Black
T15005IR3.0	*IR 3.0	Black
T15005IR5.0	*IR 5.0	Black

**Mirror lenses are not anti-fog.*

180 SLIMLINE™ PROTECTIVE EYEWEAR

Features/Benefits: •Popular low profile shape •High 9 base curve for better coverage and wide field of view •Made of lightweight non-conductive high impact polycarbonate material •Soft temple pads for better comfort •Absorbs more than 99.9% of harmful UV light •Meets or exceeds ANSI Z87.1 and CSA Z94.3 requirements.

PART NO.	LENS COLOUR	TEMPLE PAD COLOUR
T1300	Clear	Blue
T1301	Smoke	Hi-Viz Orange
T1302	Amber	Gray

NORTH®

NORTON 180° PROTECTIVE EYEWEAR

Features/Benefits: •Optically correct 180° peripheral vision •Wrap around styling •Injected molded lenses and temples are 100% polycarbonate and impact resistant •Vented sideshields allows airflow and reduce heat build up and lens fogging, side protection against impact •The lenses are protected with : Anti-Scratch, Anti-UV 99.9%, and Anti-Static •Meets or exceeds ANSI Z87.1 and CSA Z94.3 requirements.

PART NO.	LENS COLOUR	SIDESHIELDS COLOUR
T18000	Clear	Clear

OVER THE GLASSES PROTECTIVE EYEWEAR

Features/Benefits: •Fits over most prescription eyewear •Also can be worn as regular safety glasses •Offers very good coverage •Wide field of view •The lenses are protected with : Anti-Fog, Anti-Scratch, Anti-UV 99.9%, and Anti-Static •Meets or exceeds ANSI Z87.1 and CSA Z94.3 requirements.

PART NO.	LENS COLOUR	SIDESHIELDS COLOUR
T11005	Clear	Clear

VISITOR™ PROTECTIVE EYEWEAR

Features/Benefits: •These spectacles offer premium protection to plant visitors •Large lens that provide a wide viewing field •The exclusive interlocking sideshield system offers all around protection from flying particles •Meets or exceeds ANSI Z87.1 and CSA Z94.3 requirements.

PART NO.	LENS COLOUR	SIDESHIELDS COLOUR
90S	Clear	Clear

BASIC™ PROTECTIVE EYEWEAR

Features/Benefits: •An economical solution for limited use situations •Injection molded polycarbonate lenses and temples •Absorbs more than 99.9% of harmful UV light •Meets or exceeds ANSI Z87.1 and CSA Z94.3 requirements.

PART NO.	LENS COLOUR	SIDESHIELDS COLOUR
T1900	Clear	Smoke

SPEC-CORD HOLDER & SIDESHIELDS

Part No. SS51, Cord holder for safety spectacle, black.
Part No. XG22A, Clear sideshields for glasses - does not meet CSA requirements.

DISPOSABLE LENS CLEANING STATION

Disposable Cleaning Station - with (1) 16 oz. bottle of antifog cleaning liquid and (2) boxes of cleaning tissues.
Part No. LCS2.

LENS CLEANING TISSUES & TOWELETTES

Lens Cleaning Tissues - 280 per box.
Part No. 1025.

Lens Cleaning Towelettes - 100 per dispenser box.
Part No. T1025T.

PROTECTOR 300™ SAFETY GOGGLES

Features/Benefits: •Large comfortable soft frame •Direct ventilation •Wide one piece lens •Meets or exceeds ANSI Z87.1 and CSA Z94.3 requirements.

PART NO.	LENS COLOUR	FRAME COLOUR
300	Clear	Green

SAFESPLASH 315™ SAFETY GOGGLES

Features/Benefits: •Large comfortable soft frame •Indirect ventilation (Cap vented) •Chemical splash protection •Meets or exceeds ANSI Z87.1 and CSA Z94.3 requirements.

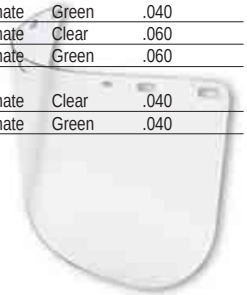
PART NO.	LENS COLOUR	FRAME COLOUR
315	Clear	Green

HEADGEAR

Features/Benefits: •Accepts a wide range of faceshield styles •Large sparkguard provides excellent protection •Cross strap adjusts to allow an exceptional fit •Full floating mount sparkguard provides comfortable wear even with heavy faceshield and continuous use •Comes with protected holding system for faceshield •New non-slip ratchet system is easy to use and offers precise size adjustments.
Part No. KHG5001.

FACESHIELDS — 8" x 15½"

PART NO.	MATERIAL	COLOUR	THICKNESS
A8150/40	PETG	Clear	.040
A8150/60	PETG	Clear	.060
A8152/40	Polycarbonate	Clear	.040
A8152G/40	Polycarbonate	Green	.040
A8152/60	Polycarbonate	Clear	.060
A8152G/60	Polycarbonate	Green	.060
PRE-FORMED			
A8154	Polycarbonate	Clear	.040
A8154G	Polycarbonate	Green	.040



BRACKETS

Part No. CP5004, Aluminum bracket "High Heat Resistant".
Part No. CP5005, Plastic bracket made from nylon.

CP5005

Hearing Protection

DECIDAMP2™ EARPLUGS

Features/Benefits: •Expands to fit ear canal - maximizes wearer protection •Foam Construction - one size fits most. Lightweight, soft and comfortable. Non toxic and non irritating, disposable

Part No. 280005, 1 pair uncorded, cellophane pouch.

Part No. 282505, 1 pair uncorded, degradable paper pouch.

CONIC-FIT EARPLUGS

Features/Benefits: •One size fits most - extra long tab permits simple insertion and removal •Extreme comfort and fit - made from soft injection molded material •Each pair comes with its own storage case and handy chain •Orange colour - highly visible colour for easier safety checks and convenient cord for wearing around neck, minimizes loss.

Part No. EP02, 1 pair corded in storage case.

MUSTANG EARMUFFS

Features/Benefits: •No snag band - low profile for model EM4155 •Unique tension adjustability of EM4157 arms •Unique cup design •Good attenuation •Durable •Maximum comfort •Soft sealing cushions •Lightweight •Dielectric •Blue

Part No. EM4155, Head band earmuff, NRR 23dB.

Part No. EM4157, Cap mounted earmuff, NRR 20dB.

STEALTH EARMUFFS

Features/Benefits: •Unique cup design •Large, soft and comfortable sealing cushions •Extremely good attenuation at low and high frequency •Individual spring band wire •Two low mounting points for even, comfortable alignment •Padded head band on EM1282 •Easy mounting of arms and slots for cap muff EM1286 •Universal slot adapters •Green

Part No. EM1282, Head band earmuff, NRR 25dB.

Part No. EM1286, Cap mounted earmuff, NRR 24dB.

INTRUDER EARMUFFS

Features/Benefits: •Unique cup design •Exceptional performance •Large, flexible and comfortable cushions offering equal distribution of pressure •Head band is made of individual spring band wire with a soft padded cushion easily adapting to the head •Two low mounting anchor points on each side of the cup for even pressure and comfortable alignment •First class comfort at all times •Black/white.

Part No. EM7209, Cap mounted earmuff for full brim hat, NRR 27dB.

Part No. EM7202, Head band earmuff, NRR 28dB.

Part No. EM7206, Cap mounted earmuff, NRR 27dB.

HEAD/EYE/FACE/HEARING PROTECTION

Fully integrated protection. Specialized combination forestry kit. Comes with hard hat #A79 red, forestry screen #FS03, earmuff #EM4157.

Part No. FK13.

Part No. FS03, Black metal screen with integrated adapters. 7" x 15½".

Respiratory Protection

COMFORT MASK

Disposable comfort mask for protection against non toxic dusts. Not NIOSH approved.

Part No. RP1500.

N95 PARTICULATE RESPIRATORS

Provides exceptional comfort and worker protection. It features a soft cushioned nose seal for added comfort and a nose clip for improved fit. The headstraps are latex free. Provides protection from solids and particulate aerosols free of oil, and is ideal for dusty environments such as grinding, sanding and sweeping.

Part No. 7130N95, N95 Particulate Respirator.

Part No. 7140N95, N95 Particulate Respirator with exhalation valve.

P95 PARTICULATE RESPIRATORS

Comfortable and durable. Features a foam cushioned facepiece seal that conforms closely to the face for long lasting comfort and protection, latex free straps, and a built in exhalation valve for cooler and easier breathing.

Part No. 8140P95, P95 Particulate Respirator with exhalation valve.

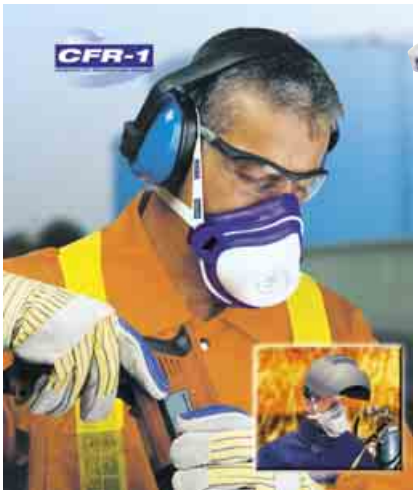
CFR-1™ COMFORT FIT RESPIRATORY SYSTEM

North's CFR-1 reusable particulate respirators give workers the comfort and protection they deserve at a much better value than ordinary dust masks. Ordinary dust masks quickly get warm, moist and uncomfortable and are often replaced several times a day. The filter in the CFR-1 does not touch the face keeping it cool and dry, and one filter can provide all day protection. The facepiece is reusable, and replaceable filters will save money and reduce waste.

Features/Benefits: •Soft thermoplastic elastomer seal provides maximum comfort to ensure greater worker acceptance •Exhalation valve removes air quicker for easier and cooler breathing •Inhalation valve keeps the filter drier and allows the user to perform a positive pressure seal check •Adjustable harness system will ensure a comfortable and secure fit •Parking mechanism provides a convenient place to put respirator when not in use •The CFR-1 Welding Respirator comes with a stainless steal mesh cover to protect the user from heat, sparks and slag

Part No. 4200S, CFR-1 Respirator with N95 filter (Small).
Part No. 4200M, CFR-1 Respirator with N95 filter (Medium).
Part No. 4200L, CFR-1 Respirator with N95 filter (Large).
Part No. 4200SW, CFR-1 Welding Respirator with N95 filter (Small).
Part No. 4200MW, CFR-1 Welding Respirator with N95 filter (Medium).
Part No. 4200LW, CFR-1 Welding Respirator with N95 filter (Large).

Part No. 42N95, Replacement N95 Particulate Filter.
Part No. 42R95, Replacement R95 Particulate Filter.



Part No. 4200S

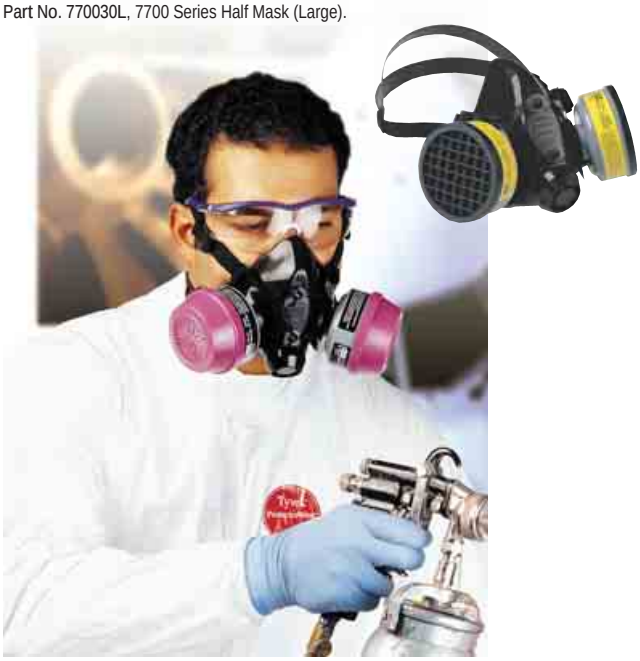
Part No. 4200SW

SILICONE HALF MASK - 7700 SERIES

Comfortable and durable half mask. Its soft non-allergenic silicone seal provides excellent protection, comfort and fit. The half mask cradle suspension system allows the facepiece to seal evenly on the face without creating pressure points. Its low profile gives workers a wide field of vision and does not interfere with protective eyewear. The low inhalation and exhalation resistance, makes breathing easier to reduce worker fatigue.

Features/Benefits: •Silicone facepiece material conforms to facial features and doesn't harden with age. Silicone is easy to clean, extremely durable and resists distortion ensuring a better fit, time after time. •Contoured sealing flange and cradle suspension system eliminates discomfort caused by pressure points on facial nerves. Design of nose area provides excellent comfort and fit. •Minimal dead air space improves worker comfort by limiting re-breathing of exhaled air •Direct cartridge to facepiece seal minimizes replacement parts and simplifies maintenance

Part No. 770030S, 7700 Series Half Mask (Small).
Part No. 770030M, 7700 Series Half Mask (Medium).
Part No. 770030L, 7700 Series Half Mask (Large).



LOW MAINTENANCE HALF MASK - 5500 SERIES

The North 5500 Series incorporates the comfortable and efficient design of the popular 7700 Series half mask with the low cost and convenience of a disposable.

Features/Benefits: •Made of extremely soft non-allergenic elastomer for comfort and fit. Contoured sealing flange eliminates discomfort caused by pressure points on facial nerves. Design of nose area provides excellent comfort and fit. •Low dead air space improves worker comfort by limiting re-breathing of exhaled air •Direct cartridge to facepiece seal minimizes replacement parts and simplifies maintenance

Part No. 550030S, 5500 Series Half Mask (Small).
Part No. 550030M, 5500 Series Half Mask (Medium).
Part No. 550030L, 5500 Series Half Mask (Large).

SILICONE FULL FACEPIECE - 7600 SERIES

Designed to provide eye, face and respiratory protection while ensuring optimal comfort and performance. Its dual flange silicone seal gives this facepiece superior fitting characteristics. The hard coated polycarbonate lens provides over 200° field of vision and protects the wearer's eyes and face against irritating gases, vapors and flying particles. The lens also provides excellent optics, is scratch resistant and meets ANSI standards for impact and penetration resistance.

Features/Benefits: •Silicone facepiece material conforms to facial features and doesn't harden with age. Silicone is easy to clean, extremely durable and resists distortion ensuring a better fit, time after time. •Oral nasal cup reduces fogging and lessens dead air space to improve worker comfort by limiting re-breathing of exhaled air •Speaking diaphragm makes communication easy •Five strap harness provides an effective and comfortable facepiece to face seal •Chin cup helps to position the facepiece properly •Neck strap allows wearer to park respirator when not in use

Part No. 760008AS, 7600 Series Full Facepiece (Small).
Part No. 760008A, 7600 Series Full Facepiece (Medium/Large).

LOW MAINTENANCE FULL FACEPIECE - 5400 SERIES

Weighing only 14 ounces, the 5400's lightweight design offers a level of comfort that ensures greater worker acceptance. Plus, its facepiece seal is made from a soft, pliable elastomer material with high chemical resistance to assure excellent comfort, fit and performance.
Features/Benefits: •Each facepiece comes with three peel-away windows, six respirator wipes and a storage bag. Oral nasal cup reduces fogging and lessens dead air space to improve worker comfort by limiting re-breathing of exhaled air •Chin cup helps to position the facepiece properly •Hard coated polycarbonate lens affords an over 200° field of vision, provides excellent optics, is scratch resistant and meets ANSI standards for impact and penetration resistance
Part No. 54001S, 5400 Series Full Facepiece (Small).
Part No. 54001, 5400 Series Full Facepiece (Medium/Large).

ACCESSORIES FOR HALF MASKS & FULL FACEPIECES

Part No. 80836A, 5 Pak Peel-Away Windows for all Full Facepieces (three peel-away lenses per assembly).
Part No. 76BAG, Carry bag for Full Facepiece Respirators.
Part No. 77BAG, Carry bag for Half Mask Respirators.
Part No. BP1002, Backpack Adapter, allows user to locate cartridges and filters out of the work zone, by placing them on the user's back. Easily adaptable to all North full facepiece and Half Mask respirators.

(Facepiece and cartridge sold separately.)

REFRESHER WIPE PADS

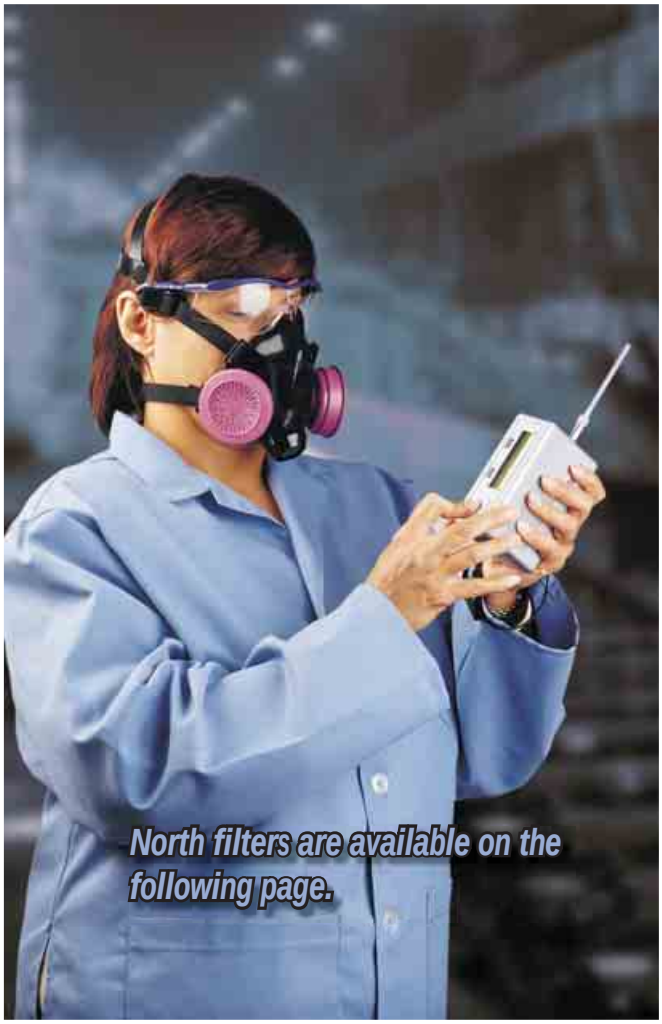
Refresher wipe pads provide a quick, easy method of removing perspiration and body oils from the respirator facepiece between scheduled cleanings. These wipe pads make respirator usage more acceptable to the wearer by improving comfort. Pads are individually wrapped.
Part No. 7003A, Box of 100 Refresher Wipe Pads.

PAPR COMPACT AIR

Convert North air-purifying half masks and full facepieces to powered air-purifying respirators quickly and easily with Compact Air's unique 'Y' breathing tube.
Features/Benefits: •Use the same mask for APR, and PAPR •Breathing tube goes over the shoulder •Greater flexibility for different work environments •No additional fit testing •Located on the worker's back, away from the work zone •Even distribution of weight •Cannot be disconnected in error •Nickel metal hydride battery - even flow for 8+ hours of use, lightweight rechargeable, no memory •On/Off switch •NIOSH approved for use with North facepieces to deliver a minimum of 4 CFM.
Part No. CA102, Kit Contains: Belt and comfort pad, blower and 7 amp battery, charger, flow indicator, breathing tube, 1 set of Tyvek covers for breathing tube, and carry case.
Part No. CA102D, Same as CA102 with decon belt that is washable for decontamination.

N99 PARTICULATE LOW MAINTENANCE RESPIRATOR

For solids, such as welding fumes and non-oil particulates. Fits easily under welding hoods.
Part No. 7190N99, N99 Particulate Respirator.
Part No. 719009N99, 2 Pak Replacement filters for 7190N99.



GAS & VAPOUR CARTRIDGES & PARTICULATE FILTERS

PART NO.	LABEL COLOUR	DESCRIPTION
75SC	Olive	1 pair, Defender™ Multi Purpose Cartridge for Organic Vapours, Chlorine, Hydrogen Chloride, Sulfer Dioxide, Hydrogen Sulfide (escape) Hydrogen Fluoride, Chlorine Dioxide, Ammonia, Methylamine and Formaldehyde
75SCP100	Olive	Above with P100 Particulate Filter
N75001	Black	1 pair, Organic Vapour Cartridge
7581P100	Black	Above with P100 Particulate Filter
N75002	White	1 pair, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide, Formaldehyde Cartridge
7582P100	White	Above with P100 Particulate Filter
N75003	Yellow	1 pair, Organic Vapour, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide Cartridge
7583P100	Yellow	Above with P100 Particulate Filter
N75004	Green	1 pair, Ammonia, Methylamine Cartridge
7584P100	Green	Above with P100 Particulate Filter
N750052	Olive	1 pair, Mercury Vapour, Chlorine Cartride with End-of Service-Life Indicator
75852P100	Olive	Above with P100 Particulate Filter
PARTICULATE FILTERS		
7580P100		1 pair, P100 Particulate Filter - (99.97% Minimum Filter Efficiency)
75FFP100		1 pair, P100 Particulate Filter (Pancake) - (99.97% Minimum Filter Efficiency)
7506N95		Pack of 10, N95 Non-Oil Particulate Filter - (95% Minimum Filter Efficiency)
7506N99		Pack of 10, N99 Non-Oil Particulate Filter - (99% Minimum Filter Efficiency)
7506R95		Pack of 10, R95 Particulate Filter - (95% Minimum Filter Efficiency)
7531N95		N95 Non-Oil Particulate Filter Assembly - (95% Minimum Filter Efficiency). Includes 7506N95 filter, N750027 seal check/filter cover and N750015 filter holder.
7531N99		N99 Non-Oil Particulate Filter Assembly - (99% Minimum Filter Efficiency). Includes 7506N99 filter, N750027 seal check/filter cover and N750015 filter holder.
7531R95		R95 Particulate Filter Assembly - (95% Minimum Filter Efficiency). Includes 7506R95 filter, N750027 seal check/filter cover and N750015 filter holder.

ACCESSORIES FOR CARTRIDGES & FILTERS

Part No. N750015, Filter Holder for 7506N95, 7506N99 and 7506R95 filters. Requires N750027 Check Seal/Filter Cover.
Part No. N750027, Seal Check/Filter Cover for 7506N95, 7506N99 and 7506R95 filters. Attaches to Gas and Vapour cartridges. For filter use only, use N750015 Filter Holder.
Part No. N750029, Shower Cap for 7580P100 Filter. Protects filter during abatement using water or during decontamination.
Part No. N750035, Adapter for assembly of a 75FFP100 Pancake Filter to a gas and vapour cartridge (Except for Defender Multi-Purpose Cartridge).

GAS & VAPOUR CARTRIDGES & FILTERS FOR COMPACT AIR PAPR

Part No. 40HE, HEPA Filter.
Part No. 4001, Organic Vapour Cartridge.
Part No. 4003, Organic Vapour, Acid Gas Cartridge.
Part No. 4004, Ammonia / Methylamine Cartridge.
Part No. 4001HE, Organic Vapour Cartridge & HEPA Filter.
Part No. 4003HE, Organic Vapour, Acid Gas Cartridge & HEPA Filter.
Part No. 4004HE, Ammonia / Methylamine Cartridge & HEPA Filter.

EMERGENCY ESCAPE MOUTHPIECE RESPIRATOR

The 7902 emergency escape mouthpiece respirator is approved for protection during escape only from atmospheres containing Chlorine, Hydrogen Chloride, Hydrogen Sulfide, Chlorine Dioxide and Sulfur Dioxide. The 7904 is approved for respiratory protection during escape only from atmospheres containing Ammonia.
Part No. 7902, Emergency Escape Mouthpiece Respirator.
Part No. 7904, Emergency Escape Mouthpiece Respirator (Ammonia).
Part No. 79BAG, Carry bag for Mouthpiece Respirator.

IRRITANT SMOKE QUALITATIVE FIT TEST KIT

For testing employees that wear air purifying respirators. Used properly, these kits will keep you in compliance with OSHA regulations for qualitative fit testing. Kit includes an air purifying training video.
Part No. 770040C.

WILLSON® Respirators

SAF-T-FIT™ DISPOSABLE RESPIRATORS NIOSH 42 CFR 84

The saf-T-FIT Series is designed to maximize wearer comfort, fit, compliance, and respirator life. Three anthropometrically designed, colour coded facepiece sizes for increased protection and better fit on a wider range of facial features. Meets NIOSH 42 CFR 84 standards for effective protection against particulate hazards. Certain models provide protection from organic vapours and acid gases at nuisance level exposures below the OSHA PEL. Lightweight, humidity resistant, and hypoallergenic filter media. Low breathing resistance increases wearer comfort. Durable suspension straps eliminate pre-stretching and staples do not penetrate filter area. Boomerang nose seal on most models adapts to different faces. Full sealing flange on some models provides an extra barrier from the challenge atmosphere.

Disposable Mask, N95 - 20 per box
Part No. 14110387, Small
Part No. 14110388, Medium
Part No. 14110389, Large

Disposable Mask, N95, Boomerang Nose Seal - 20 per box
Part No. 14110390, Small
Part No. 14110391, Medium
Part No. 14110392, Large

Disposable Mask, N95, Boomerang Nose Seal, Exhalation Valve - 20 per box
Part No. 14110393, Small
Part No. 14110394, Medium
Part No. 14110395, Large

Disposable Mask, N95, Boomerang Nose Seal, Exhalation Valve, Nuisance Organic Vapour - 10 per box
Part No. 14110396, Small
Part No. 14110397, Medium
Part No. 14110398, Large

Disposable Mask, N95, Boomerang Nose Seal, Exhalation Valve, Nuisance Acid Gas - 10 per box
Part No. 14110399, Small
Part No. 14110400, Medium
Part No. 14110401, Large

Disposable Mask, N99, Full Sealing Flange, Exhalation Valve - 10 per box
Part No. 14110402, Small
Part No. 14110403, Medium
Part No. 14110404, Large

NUISANCE DISPOSABLE DUST MASK
Nuisance Dust Masks are used for animal dander, pollen, or other nuisance level dusts at exposures below the OHSA permissible exposure limit. Not NIOSH approved. 50 per box.
Part No. 14110094CC.

SURVIVAIR Respirators

VALUAIR® PLUS SERIES HALF MASK
Great value and easy to adjust. The VALUAIR Plus series provides an excellent choice for limited use, limited life applications. VALUAIR combines NIOSH-approved protection with low breathing resistance and the comfort of more expensive respirators.
•Thermoplastic elastomer facepiece reduces cost
•Soft sealing flange and forward angled nosepiece easily accommodate eyewear
•Perspiration port
•Easy to adjust, 3 piece sliding suspension
Recommended Use - Ideal for limited use, limited life applications without sacrificing comfort and fit

S-Series - Uses Threaded Cartridges
Part No. 301500, Small basic facepiece assembly.
Part No. 302500, Medium basic facepiece assembly.
Part No. 303500, Large basic facepiece assembly.

T-Series - Uses Bayonet Cartridges
Part No. 301000, Small basic facepiece assembly.
Part No. 302000, Medium basic facepiece assembly.
Part No. 303000, Large basic facepiece assembly.
Part No. 301099, Small probed facepiece.
Part No. 302099, Medium probed facepiece.
Part No. 303099, Large probed facepiece.
Part No. 301110, Small respirator with organic vapour and N95.
Part No. 302110, Medium respirator with organic vapour and N95.
Part No. 303110, Large respirator with organic vapour and N95.

Threaded Cartridges
S-Series — Traditional threaded design is easy to use and is widely accepted throughout the industry.

Bayonet Cartridges
T-Series — The positive locking cartridge connector offers an audible lock to assure correct cartridge attachment as well as an open flow lid design and large inhalation ports for improved breathing resistance.

BLUE 1™ SERIES HALF MASK
Dual flange protection with a speaking diaphragm. Made of comfortable, pliable silicone, the mask will not lose elasticity even in extreme hot or cold weather. An excellent choice for professionals, the Blue 1 can accept a full range of Survivair threaded replacement cartridges/filters.
•Economical solution for improving wearer communication
•Dual sealing flange provides excellent facepiece seal for secure fit
•Easily convertible to continuous flow SAR without the aid of tools
Recommended Use - Excellent value for professional users in a variety of applications who desire a secure, comfortable fit and speech enhancement.

S-Series - Uses Threaded Cartridges
Part No. B210010, Small assembly with speaking diaphragm.
Part No. B220010, Medium assembly with speaking diaphragm.
Part No. B230010, Large assembly with speaking diaphragm.

2000 SERIES HALF MASK

Lightweight and easy to maintain. With its comfortable silicone facepiece, this durable, user friendly half mask air purifying respirator can withstand years of washing and use. One of the industry's lightest respirators, the 2000 Series features an innovative yoke design, and an angled, self-adjusting nose bridge to accommodate safety or prescription eyewear.

•Durable, lightweight silicone facepiece construction
•Large, pliable sealing area for secure fit for almost any facial type
•Improved yoke and head harness design reduce facepiece slippage
•Sliding adjustment system on head harness keeps loose straps secure
•Easily converts to belt-mounted PAPR without the aid of tools

Recommended Use - Professional users wo seek a lightweight respirator that will provide protection in a wide variety of applications.

S-Series - Uses Threaded Cartridges

Part No. B250000, Small basic assembly.
Part No. B260000, Medium basic assembly.
Part No. B270000, Large basic assembly.

PREMIER® SERIES HALF MASK

One of the easiest breathing respirators of its type, it incorporates a perspiration port to reduce facepiece slippage and skin irritation. This high quality, silicone respirator includes a soft sealing flange with rolled edges for increased wearer comfort.

•Elastic headstraps adjust at the crown for easy fit and unobstructed vision
•Low profile nosepiece allows for compatibility with eyewear
•Lower breathing resistance than most other available models

Recommended Use - Ideal for professional users seeking comfort. Low breathing resistance for maximum comfort

S-Series - Uses Threaded Cartridges

Part No. 311500, Small basic assembly with elastic headstraps.
Part No. 312500, Medium basic assembly with elastic headstraps.
Part No. 313500, Large basic assembly with elastic headstraps.

T-Series - Uses Bayonet Cartridges

Part No. 311000, Small basic assembly with elastic headstraps.
Part No. 312000, Medium basic assembly with elastic headstraps.
Part No. 313000, Large basic assembly with elastic headstraps.
Part No. 311110, Small respirator with organic vapour and N95.
Part No. 312110, Medium respirator with organic vapour and N95.
Part No. 313110, Large respirator with organic vapour and N95.

PREMIER® PLUS SERIES HALF MASK

Made of soft silicone, it is extremely comfortable, flexible and durable •Wide, wraparound, pleated silicone facepiece fits a large variety of facial types •Lateral placement of exhalation valve and cartridge ports enhances field of vision •Cradle suspension with four-point floating yoke eliminates pressure points to enhance comfort

Recommended Use - A triple flange design provides the ultimate in comfort and superior fit for extended wear.

S-Series - Uses Threaded Cartridges

Part No. 321500, Small basic assembly.
Part No. 322500, Medium/large basic assembly.
Part No. 321599, Small probed assembly.

T-Series - Uses Bayonet Cartridges

Part No. 321000, Small basic assembly.
Part No. 322000, Medium/large basic assembly.
Part No. 321099, Small probed assembly.
Part No. 322099, Medium/large assembly.

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Threaded Cartridges
S-Series — Traditional threaded design is easy to use and is widely accepted throughout the industry.

Bayonet Cartridges
T-Series — The positive locking cartridge connector offers an audible lock to assure correct cartridge attachment as well as an open flow lid design and large inhalation ports for improved breathing resistance.

OPTI-FIT™ SERIES FULL FACEPIECE

Optimum fit, comfort and superior optics in a full face respirator. The Opti-Fit offers the ultimate in performance and affordability. Opti-Fit features a distortion-free lens with exceptional view. Lightweight construction reduces head and neck stress even during extended wear.

•Comfortable, durable silicone skirt and five strap suspension
•Nose cup is a standard feature to prevent fogging
•Lens is replaceable and treated with an anti-scratch coating
•Easily converts to CF SAR

Recommended Use - Offers the ultimate level of valve and functionality, while helping users get the most out of their respiratory protection budget.

S-Series - Uses Threaded Cartridges

Part No. 752000, Small basic facepiece.
Part No. 762000, Medium basic facepiece.
Part No. 772000, Large basic facepiece.

T-Series - Uses Bayonet Cartridges

Part No. 758000, Small basic facepiece.
Part No. 768000, Medium basic facepiece.
Part No. 778000, Large basic facepiece.

ACCESSORIES

Part No. 702028, Clear Peel-Off Lens Covers - Pack of 25.
Part No. 962260, Spectacle Kit.
Part No. B140096, Mask Cleaning Wipes - Box of 100.
Part No. 981416, Opti-Fit Conversion Kit to SAR - converts normal Opti-Fit respirators to an SAR (Supplied Air Respirator).

Respirator Filters & Cartridges

Selection of the appropriate cartridge and filter combination is dependent on a number of factors, including the type of contaminant, the level of exposure, and the length of exposure. Thus, the information below is presented as an overview only.

N95 Filter - 95% efficient against particulate aerosols free of oil	P100 Filter - 99.97% efficient against all particulate aerosol
N99 Filter - 99% efficient against particulate aerosols free of oil	R95 Filter - 95% efficient against oil/ 99% efficient against non-oil based particulates / Time use restrictions apply for oil-based particulates.

Filters (S-Series)

Part No. 106010, N95 Filter for S-Series, each.
Part No. 105014, P100* Filter for S-Series, each.
Part No. 107010, R95 Filter for S-Series, each.
Part No. B140074, Filter Base for S-Series, pair.
Part No. 140173, Filter Retainer for S-Series, each.
**P100 filters for S-Series include retainer and base.*

Filters (T-Series)

Part No. T106010, N95 Filters for T-Series, 12 pairs.
Part No. T107010, N99 Filter for T-Series, pair.
Part No. T105005, P100 Filters for T-Series, 5 pairs.
Part No. T117020, R95 Filter for T-Series, pair.
Part No. 14900578, Filter Base for T-Series, pair.
Part No. 14900975, Filter Retainer for T-Series, pair.

Cartridges for (S-Series)

Part No. B100144, Organic Vapours Cartridge for S-Series, each.
Part No. B100244, Acid Gases Cartridge for S-Series, each.
Part No. B100344, Organic Vapours/Acid Gases Cartridge for S-Series, each.
Part No. B100444, Ammonia/Methylamine Cartridge for S-Series, each.
Part No. 100644, Mercury Vapour or Chlorine Cartridge for S-Series, each.
Part No. 100844, Multi-Contaminant Cartridge for S-Series, each.

Cartridges (T-Series)

Part No. T100100, Organic Vapours Cartridge for T-Series, pair.
Part No. T100200, Acid Gases Cartridge for T-Series, pair.
Part No. T100300, Organic Vapours/Acid Gases Cartridge for T-Series, pair.
Part No. T100400, Ammonia/Methylamine Cartridge for T-Series, pair.
Part No. T100600, Mercury Vapour or Chlorine Cartridge for T-Series, pair.
Part No. T100800, Multi-Contaminant Cartridge for T-Series, pair.
Part No. T100900, Nitrogen Dioxide Cartridge for T-Series, pair.

Combined Cartridge/Filter (S-Series)

Part No. 105114, Organic Vapours /P100 Cartridge for S-Series, each.
Part No. 105214, Acid Gases/P100 Cartridge for S-Series, each.
Part No. 105314, Organic Vapours/Acid Gases/P100 Cartridge for S-Series, each.
Part No. 105414, Ammonia/Methylamine/P100 Cartridge for S-Series, each.
Part No. 105614, Mercury Vapour/Chlorine/P100 Cartridge for S-Series, each.
Part No. 105814, Multi-Contaminant Cartridge/P100 Cartridge for S-Series, each.

Combined Cartridge/Filter (T-Series)

Part No. T105110, Organic Vapour/P100 Cartridge for T-Series, pair.
Part No. T105210, Acid Gases/P100 Cartridge for T-Series, pair.
Part No. T105310, Organic vapour/acid gases/P100 Cartridge for T-Series, pair.
Part No. T105410, Ammonia/Methylamine/P100 Cartridge for T-Series, pair.
Part No. T105610, Mercury Vapour/Chlorine/P100 Cartridge for T-Series, pair.
Part No. T105910, Nitrogen Dioxide/P100 Cartridge for T-Series, pair.
Part No. T105810, Multi-contaminant (uni-sorb)/P100 Cartridge for T-Series, pair.

AIR PUMP SYSTEMS & ACCESSORIES

Each system includes pump, respirator, and one 50 ft. 3/8" I.D. air line hose w/ OBAC couplings except #981262 which offers 2 respirators and 2 airline hoses w/ couplings. These lightweight, highly portable air sources are ideal for a variety of applications, including spray painting and clean-up of hazardous materials. Powered by 115 volt electric motors, Survivair's air pumps come completely assembled and ready for use.
Part No. 981242, Air pump with full facepiece, 1/3 hp pump.
Part No. 981342, Air pump with half mask, 1/3 hp pump.
Part No. 981262, Air pump system with full facepiece, 3/4 hp pump.

AIR LINE HOSES

Each air line hose comes standard with 1/4" NPT swivel nuts and a male-to-male 1/4" NPT adapter to connect two or more hoses.
Part No. 985241, 25 ft. lightweight 3/8" I.D. hose w/ OBAC couplings for ambient air pumps.
Part No. 985242, 50 ft. lightweight 3/8" I.D. hose w/ OBAC couplings for ambient air pumps.
Part No. 985244, 100 ft. lightweight 3/8" I.D. hose w/ OBAC couplings for ambient air pumps.

CLEAR LENS COVERS

Part No. B140095, Clear lens covers - pack of 25.

IRRITANT SMOKE FIT TEST KIT

Simple and accurate method of fit testing. Each kit includes six smoke tubes that provide testing for approximately 25 wearers per tube.
Part No. 140090, Fit test kit.
Part No. 140038, Replacement tubes (6 per box).
Part No. 260089, Survivair fit test video.

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PART NO.	SIZE	EXHALE VALVE COLOUR	NIOSH APPROVED	COMMON INDUSTRIAL ENVIRONMENTS & APPLICATIONS		FEATURES
2200N95 2201N95 2207N95 2600N95 2601N95 **Non-Oil Based Particulate Respirators**	medium/large small alternate shape med/lrg *HandyStrap® small *HandyStrap®	- - -	N95	•dusty environ. •grinding •sanding •stone quarrying •metal machining •cement •underground mining	•sweeping •bagging •polishing •buffing •lime •poultry •textiles	•collapse resistant Dura-Mesh® shell •Softspun® inner liner •molded nose bridge •pre-stretched, stapled, straps •20 per box; 15 per box 2600 series
2300N95 2301N95 2307N95 2700N95 2701N95 **Non-Oil Based Particulate Respirators**	medium/large small alternate shape med/lrg *HandyStrap® small *HandyStrap®	white white white grey grey	N95	•hot, humid, dusty environments •metal working •grinding •sanding •bagging •cement •stone quarrying •metal machining •textiles	•welding •brazing •soldering •torch cutting •metal pouring •polishing •buffing •poultry •underground mining	•exhale valve reduces hot air build-up •collapse resistant Dura-Mesh® shell •Softspun® inner liner •molded nose bridge •10 per box
2310N99 **Non-Oil Based Premium Particulate Respirators**	one size	grey	N99 TC-84A-1459	•hot, humid, dusty environments •metal working •grinding •sanding •bagging •metal machining •poultry •cement •underground mining	•welding •brazing •soldering •torch cutting •metal pouring •textiles •polishing •buffing •stone quarrying	•higher level of protection •exhale valve reduces hot air build-up •collapse resistant Dura-Mesh® shell •Softspun® inner liner •molded nose bridge •soft foam nose flange •10 per box
2730N100	med/lrg	green	N100	•Environments where an OSHA substance specific standard applies (lead, cadmium, arsenic, MDA), pharmaceutical manufacturing, welding, cutting, brazing, torch cutting, metal pouring, battery manufacturing		•full flange for added comfort •99.97% efficient against particulate aerosols free of oil
2400N95 2800N95 2801N95 **Non-Oil Based Particulate Respirator Plus Nuisance Levels of Ozone & Organic Vapour (Below OSHA PEL)**	one size med/lrg *HandyStrap® small *HandyStrap®	black copper copper	N95	•nuisance organic vapours and ozone •welding •foundry operations •lab settings •agriculture •petrochemicals •printing industry •sewage	•food industry •tobacco indus. •paint and varnish mfg. •synthetic rubber manufacturing •mortuaries •waste process. •undercoating	•added charcoal layer filters out nuisance levels of organic vapours and ozone •exhale valve reduces hot air build-up •collapse resistant Dura-Mesh® shell •Softspun® inner liner •soft foam nose flange •10 per box
2500N95 **Non-Oil Based Particulate Respirator Plus Nuisance Levels of Acid Gas Irritants**	one size	blue	N95	•aluminum smelting •copper/lead/zinc/magnesium/brass/bronze smelters •glass etching •coal-fired utility plants •iron/steel production •ceramic/clay processing	•fertilizer production •petrochemical •chemical processing •paper processing •brewery operations	•added charcoal layer filters out nuisance levels of acid gas irritants •exhale valve reduces hot air build-up •collapse resistant Dura-Mesh® shell •Softspun® inner liner •soft foam nose flange •10 per box
2740R95	med/lrg *HandyStrap®	purple	R95	•hot, humid, and dusty environments where oils may be present such as welding, soldering, and brazing, grinding, metal machining, cement, underground mining, polishing and buffing		•95% efficient against oil and non-oil based particulate aerosols

*HandyStrap® - allows mask to conveniently hang around neck, so it's always ready for use. And during wear the stretch cloth strap is more comfortable and cooler.

3M™ REPLACEMENT CARTRIDGES & FILTER RETAINERS

Cartridges can be used for specific types of chemical exposures. Filters can be used for specific types of particulate exposures; filter 07054 must be used wtih cartridge 07046. Must be used with 3M automotive respirator facepieces.
Part No. 07046, Organic vapour cartridge - 1 pair.
Part No. 07054, Filter retainer.

07046

07054

3M™ N95 PARTICULATE RESPIRATOR

NIOSH 42CFR84 approved. Recommended for grinding, sanding and buffing. Lightweight disposable dust respirator. NIOSH certified as 95% efficient in removing solid and liquid particles (excluding those containing oil).
Part No. 07048.

3M™ N95 PARTICULATE RESPIRATOR

NIOSH 42CFR84 approved. Recommended for grinding, sanding and buffing. Cool Flow™ exhalation valve improves comfort. "M" nose clip adjusts to many face shapes. Stapled straps improve durability. NIOSH certified as 95% efficient in removing solid and liquid particles (excluding those containing oil).
Part No. 07185.

NIOSH# 8511

3M™ R95 PARTICULATE RESPIRATOR

NIOSH 42CFR84 approved. Recommended for undercoating, rustproofing, grinding, sanding, and buffing. Recommended for nuisance level (below OSHA PEL) organic vapour relief. NIOSH certified as 95% efficient in removing solid and liquid particles including oils.
Part No. 07186.

NIOSH# 8247

3M™ N95 PARTICULATE RESPIRATOR

NIOSH 42CFR84 approved. Recommended for welding applications. Recommended protection for up to 10X OSHA PEL of ozone. Removes nuisance level (below OSHA PEL) organic vapours and odours. Cool Flow™ exhalation valve improves comfort. Adjustable straps and faceseal ring provide secure face fit. NIOSH certified as 95% efficient in removing solid and liquid particles (excluding those containing oil).
Part No. 07187.

NIOSH# 8214

3M™ P100 HALF MASK RESPIRATOR ASSEMBLY & REPLACEMENT FILTERS

NIOSH 42CFR84 approved. Recommended for grinding, sanding, buffing, welding and asbestos. Reusable design - changeable filters and cartridges. Activated carbon layer removes nuisance level (below OSHA PEL) organic vapours and odours. NIOSH certified as being 99.97% efficient in removing solid and liquid particles including oils. Assembly includes: 1 facepiece and 4 (2 pack) P100 filters.

PART NO.	NIOSH #	DESCRIPTION
07181	6100	Small assembly
07182	6200	Medium assembly
07183	6300	Large assembly
07024		Replacement small facepiece
07025		Replacement medium facepiece
07026		Replacement large facepiece
07184	2097	P100 filter (2/pack)

3M™ P95 DISPOSABLE ORGANIC VAPOUR HALF FACEPIECE RESPIRATOR ASSEMBLY & REPLACEMENT FILTERS

Half facepiece respirators may be used up to 10X OSHA PEL or applicable government standard. NIOSH 42CFR84 approved. Recommended for spray painting lacquer, enamel and pesticides. Maintenance free design. NIOSH certified for organic vapours and 95% efficient in removing solid and liquid particles including oils. Assembly includes: 1 organic vapour respirator, 2 P95 filters and 2 filter retainers.

PART NO.	NIOSH #	DESCRIPTION
07191	5101	Small assembly
07192	5201	Medium assembly
07193	5301	Large assembly
07194	5P71	P95 filter
07054	5009	Filter retainer

3M™ P95 ORGANIC VAPOUR LOW MAINTENANCE HALF FACEPIECE RESPIRATOR ASSEMBLY & REPLACEMENT FILTERS & FILTER RETAINERS

NIOSH 42CFR84 approved. Recommended for spray painting lacquer, enamel and pesticides. Reusable design - changeable filters and cartridges. NIOSH certified for organic vapours and 95% efficient in removing solid and liquid particles including oils. Assembly includes: 1 reusable facepiece, 2 organic vapour cartridges, 4 P95 filters and 2 filter retainers.

PART NO.	NIOSH #	DESCRIPTION
07177	6100	Small assembly
07178	6200	Medium assembly
07179	6300	Large assembly
07054	5009	Filter retainer
07194	5P71	P95 filter
07046	6001	Pair of replacement organic vapour cartridges

3M™ RESPIRATOR CLEANING WIPE

Individually wrapped towelettes. Alcohol free formula. Pleasant fragrance. Oversized 8½" x 11" - ideal for cleaning full facepiece respirators. 100 wipes in convenient dispenser box.
Part No. 07065.

ADVANTAGE® 200 LS HALF-MASK RESPIRATORS

A new clear blue facepiece subtracts 25% of the weight and adds noticeable softness to MSA's popular Advantage half-mask respirator to give workers more comfort and stability than ever. The Advantage 200 LS respirator's new Lighter and Softer facepiece is made from a clear blue formulation of the thermoplastic rubber used for the Advantage 200 respirator. Extensive anthropometric research led to the this respirator's unique design. MSA's engineers examined facial form data of over 8000 people and, with CAD technology, developed the AnthroCurve™ Sealing Surface, which instantly conforms to each wearer's unique facial characteristics. The unmatched fit and comfort start with a soft, pliable combination of rubber and plastic that provide a virtually customized fit. These are key components in the patented MultiFlex® System that equalizes pressure on the face-seal area, while delivering exceptional stability, so the respirator will not collapse during wear.

Advantage 200 LS Facepieces only
Part No. 815448, Advantage 200 LS facepiece, small.
Part No. 815444, Advantage 200 LS facepiece, medium.
Part No. 815452, Advantage 200 LS facepiece, large.

Advantage 200 LS Facepieces, Pre-Assembled, with Chemical Cartridges and Filters
Part No. 816939, Advantage 200 LS facepiece, medium, with OV-N95 cartridge.
Part No. 816697, Advantage 200 LS facepiece, medium, with Multigas R95 cartridge.

Advantage 200 LS Comfo® Cartridge Adapter and Replacement Parts
Part No. 809999, Comfo® cartridge adapter, package of 2.

ADVANTAGE® 1000 FULL-FACE RESPIRATORS

The Advantage 1000 full-face respirator features a wrap-around flexible lens that offers a comfortable fit with increased vision. It weighs 40% less than conventional full-face respirators and uses the same cartridges as the Advantage 200 respirator. Constructed of super soft Hycar rubber that provides the feel and comfort of silicone but with better permeation resistance. For exceptional fit the facepiece is available in three sizes and has a unique inturned lip seal that provides the best possible seal against a wide range of facial contours. The Advantage 1000 facepiece also features a distinctive, flexible urethane lens that is integrally bonded to the facepiece, eliminating the need for rigid lens retainers that cause unwanted pressure points. Standard equipment includes a speaking diaphragm for clear, short range communications and a nosecup, to reduce lens fogging in low temperatures or high humidity conditions.

Advantage 1000 Facepieces only
Part No. 805414, Advantage 1000 facepiece, small.
Part No. 805408, Advantage 1000 facepiece, medium.
Part No. 805420, Advantage 1000 facepiece, large.

Advantage 1000 Comfo® Cartridge Adapter and Replacement Parts
Part No. 809999, Comfo® cartridge adapter, package of 2.
Part No. 805114, Replacement head harness assembly.
Part No. 78703, Replacement exhalation valve.
Part No. 801700, Replacement inhalation valve (2 required).
Part No. 813832, Tear away lens covers, package of 25.
Part No. 806462, Clear outsert lens assembly, medium/large.
Part No. 806463, Clear outsert lens assembly, small.
Part No. 806464, Tinted outsert lens assembly, medium/large.
Part No. 806465, Tinted outsert lens assembly, small.

ADVANTAGE® 200 LS/1000 RESPIRATOR CARTRIDGES

Part No. & Packaging Details	MSA Cartridge Designation	OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	See Notes Below †
		Organic Vapour	Chlorine	Sulphur Dioxide	Chlorine Dioxide	Hydrogen Chloride	Hydrogen Sulphide*	Ammonia	Methylamine	Formaldehyde	Hydrogen Fluoride	Mercury Vapour	Filter Type & Efficiency			
			Acid Gases													
815355, Package of 2	GMA (OV)	•												•	•	2, 3
815362, Package of 2	GMA (P100)	•											•			2, 3, 4
815356, Package of 2	GMB (AG)		•	•	•	•	•							•	•	2
815363, Package of 2	GMB (P100)		•	•	•	•	•						•			2, 4
815357, Package of 2	GMC (OV/AG)	•	•	•	•	•	•							•	•	2, 3
815364, Package of 2	GMC (P100)	•	•	•	•	•	•						•			2, 3, 4
815358, Package of 2	GMD (AM/MA)							•	•					•	•	2, 3
815365, Package of 2	GMD (P100)							•	•				•			2, 3, 4
815359, Package of 2	GME (Multigas)	•	•	•	•	•	•	•	•	•	•			•	•	2, 3
815366, Package of 2	GME (P100)	•	•	•	•	•	•	•	•	•	•		•			2, 3, 4
815641, Package of 2	GMI (P100) **	•											•			2, 4
815361, Package of 2	Mersorb		•									•		•	•	2, 4
815368, Package of 2	Mersorb (P100)		•									•	•			2, 4
815369, Package of 2	Low Profile (P100)												•			1, 4
816662, Package of 10, N95 816661, Package of 50, N95 809999, Package of 2 Adapters, 2 required 489353, Package of 1 Reusable snap-on cover, 2 required	Stand Alone & Cover														•	1
815394, Package of 10, N95 816357, Package of 50, N95 815392, Package of 2 Reusable snap-on covers	Prefilter & Cover														•	1
815397, Package of 20, R95 815401, Package of 2, Reusable snap-on covers	Prefilter & Cover													•		1

*Escape only **Effective against, but not NIOSH approved for Iodine Vapour.

N95-Particulate Filter (95% filter efficiency level) effective against particulate aerosols free of oil; time use restrictions may apply.

R95-Particulate Filter (95% filter efficiency level) effective against all particulate aerosols; time use restrictions may apply.

P100-Particulate Filter (99.97% filter efficiency level) effective against all particulate aerosols.

†Notes
1. Do not use in atmospheres containing less than 19.5% oxygen, in atmospheres containing gases or vapours, or in atmospheres immediately dangerous to life and health.
2. Do not use in atmospheres containing less than 19.5% oxygen, or in atmospheres immediately dangerous to life and health.
3. Do not wear for protection against organic vapours with poor warning properties or those which generate high heats of reaction with the sorbent material in the cartridge.
4. 99.97% efficient against 0.3 micron DOP.

WARNING: Please be aware there are a number of gaseous materials for which chemical cartridge respirators must not be used for respiratory protection (for routine use) regardless of concentration or time of exposure except in special circumstances — please consult an expert if you have any questions or concerns whatsoever.

Air Purifying Respirators

FLEXI-FILTER™ FILTERS FOR ADVANTAGE RESPIRATORS

These low profile, flexible filters fit well under a welding hood and with other personal protective equipment. They offer great balance and weight distribution for maintaining a good face seal, while their swept-back design provides improved vision and comfort. In addition, their multi-layer composite construction gives them better durability and spark resistance. Finger tabs provide easy installation and prevent possible filter damage. With the P100 classification for high efficiency protection against oil and non-oil containing hazards or hazard-specific standards requiring HEPA filters such as the Lead and Asbestos Standards.

Part No. 818342, P100 Flexi-Filters.
Part No. 818343, P100 OV/Ozone Flexi-Filters.
Part No. 818344, P100 AG/AF Flexi-Filters.
Part No. 818346, N95 Flexi-Filters.
Part No. 818347, N95 OV/Ozone Flexi-Filters.
Part No. 818354, P95 Flexi-Filters.
Part No. 818355, P95 OV/Ozone Flexi-Filters.

Comfo Elite® Respirators

Unique sealing surface reduces facepiece slippage. Black silicone.

Part No. 490492, Comfo Elite respirator, small.
Part No. 490491, Comfo Elite respirator, medium.
Part No. 490493, Comfo Elite respirator, large.

Comfo Elite® Respirator Replacement Parts

Part No. 492224, Replacement headband assembly (3 piece set).
Part No. 78703, Replacement exhalation valve.
Part No. 78584, Replacement inhalation valve (2 required).
Part No. 489664, Replacement facepiece yoke, silver, medium.
Part No. 489665, Replacement facepiece yoke, gold, large.

COMFO CLASSIC® RESPIRATORS

The Comfo Classic respirator is an improved version of the Comfo II respirator, featuring new SoftFeel™ facepiece material, which increases the comfort factor dramatically. A result of extensive materials research by MSA, SoftFeel material is an exclusive new formulation that improves the pliability and softness of both Hycar rubber and silicone — the two facepiece materials available with Comfo Classic respirators. Like earlier Comfo respirator models, this unit features a unique face seal design that gives wearers an exceptional fit. Black.

Comfo Classic® Respirators

Part No. 808075, Comfo Classic respirator, hycar, small.
Part No. 808074, Comfo Classic respirator, hycar, medium.
Part No. 808076, Comfo Classic respirator, hycar, large.
Part No. 808072, Comfo Classic respirator, silicone, small.
Part No. 808071, Comfo Classic respirator, silicone, medium.
Part No. 808073, Comfo Classic respirator, silicone, large.

Comfo Classic® Respirator Replacement Parts

Part No. 480234, Replacement cradle headband (3 piece set).
Part No. 78703, Replacement exhalation valve.
Part No. 78584, Replacement inhalation valve (2 required).
Part No. 807607, Replacement facepiece yoke, black, small.
Part No. 807605, Replacement facepiece yoke, silver, medium.
Part No. 807608, Replacement facepiece yoke, gold, large.

COMFO® RESPIRATOR CARTRIDGES

Part No. & Packaging Details	MSA Cartridge Designation	OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	See Notes Below †
		Organic Vapour	Chlorine	Sulphur Dioxide	Chlorine Dioxide	Hydrogen Chloride	Hydrogen Sulphide*	Ammonia	Methylamine	Formaldehyde	Hydrogen Fluoride	Mercury Vapour	Filter Type & Efficiency***			
			Acid Gases													
464031, Package of 10	GMA (OV)	•												•	•	2, 3
815178, Package of 6	GMA (P100)	•											•			2, 3, 4
815186, Package of 6	G+MA (P100) short stack	•											•			2, 3, 4
464032, Package of 10	GMB (AG)		•	•	•	•	•							•	•	2
815179, Package of 6	GMB (P100)		•	•	•	•	•						•			2, 4
464046, Package of 10	GMC (OV/AG)	•	•	•	•	•	•							•	•	2, 3
815180, Package of 6	GMC (P100)	•	•	•	•	•	•						•			2, 3, 4
815188, Package of 6	GMC (P100) short stack	•	•	•	•	•	•						•			2, 3, 4
464033, Package of 10	GMD							•	•					•	•	2, 3
815181, Package of 6	GMD (P100)							•	•				•			2, 3, 4
492790, Package of 10	GME (Multigas)	•	•	•	•	•	•	•	•	•	•			•	•	2, 3
815182, Package of 6	GME (P100)	•	•	•	•	•	•	•	•	•	•		•			2, 3, 4
815184, Package of 6	GMI (P100) **	•											•			2, 4
466204, Package of 10	Mersorb		•									•		•	•	2, 4
815185, Package of 6	Mersorb (P100)		•									•	•			2, 4
815175, Package of 10	P100												•			1, 4
815176, Package of 10	Sparkfoe® (P100)												•			1, 4
815177, Package of 10	Low Profile (P100)												•			1, 4
816662, Package of 10, N95 816661, Package of 50, N95 489353, Package of 1 Reusable snap-on cover, 2 required	Stand Alone & Cover														•	1
816662, Package of 10, N95 816661, Package of 50, N95 489353, Package of 1 Reusable snap-on cover, 2 required	Prefilter & Cover														•	1
816287, Package of 20, R95 489219, Package of 1, Reusable snap-on cover, 2 required	Prefilter & Cover													•		1

*Escape only. **Effective against, but not NIOSH approved for Iodine Vapour.

***Definitions

N95-Particulate Filter (95% filter efficiency level) effective against particulate aerosols free of oil; time use restrictions may apply.

R95-Particulate Filter (95% filter efficiency level) effective against all particulate aerosols; time use restrictions may apply.

P100-Particulate Filter (99.97% filter efficiency level) effective against all particulate aerosols.

†Notes

1. Do not use in atmospheres containing less than 19.5% oxygen, in atmospheres containing gases or vapours, or in atmospheres immediately dangerous to life and health.
2. Do not use in atmospheres containing less than 19.5% oxygen, or in atmospheres immediately dangerous to life and health.
3. Do not wear for protection against organic vapours with poor warning properties or those which generate high heats of reaction with the sorbent material in the cartridge.
4. 99.97% efficient against 0.3 micron DOP.

WARNING: Please be aware there are a number of gaseous materials for which chemical cartridge respirators must not be used for respiratory protection (for routine use) regardless of concentration or time of exposure except in special circumstances — please consult an expert if you have any questions or concerns whatsoever.

DEGIL Respirators

ODYSSEY LOW MAINTENANCE SERIES 400 ELASTOMERIC RUBBER HALF-MASK RESPIRATOR

The series 400 is priced to be disposable, but can easily be used up to 30 times. The elastomeric rubber offers excellent comfort, superior fitting capabilities and is very rugged.
Part No. 751400ML, Medium/large size.
Part No. 75550, Odyssey Series 400 respirator retail packaged - this unit comes with cartridges in a kit form for easy wall or floor mount displays - medium/large size.

DEGIL SAFETY PRODUCTS INC.

ODYSSEY SERIES 100 SILICONE RUBBER HALF-MASK RESPIRATOR

Half-Mask Respirator is molded from pure silicone material with no extra additives provide incredible comfort and superior fitting capabilities. Simple and quick to clean, the durability provides a long service life.
Part No. 751100M, Medium size.
Part No. 751100L, Large size.
Part No. 75500, Odyssey Series 100 respirator retail packaged - this unit comes with cartridges in a kit form for easy wall or floor mount displays - medium/large size.

ODYSSEY

Retainer Rings, Filter Holders/Covers

Part No. 756018, Pack of 6, pre-filter holders.
Part No. 756019, Pack of 6, pre-filter covers.
Part No. 756020, Pack of 6, retainer rings for paint spray cartridge.

ODYSSEY Particulate Filters

Part No. 756480B16, Pack of 16, N95 filter pads, 42 CFR.

ODYSSEY P100 Cartridges

Part No. 756417B24, Pack of 24, high efficiency pre-filters.
Part No. 756140B6, Pack of 6, low profile, high efficiency, 42CFR.

ODYSSEY Cartridges

Part No. 756109B6, Pack of 6, organic vapour cartridges.
Part No. 756111B6. Pack of 6, organic vapour/acid gas cartridges.

SAFEWAY Respirators & Head Protection

N95 MASK

NIOSH approved and meet 42 CFR 84 requirements for protection against solid or liquid particles (excluding those containing oil). The contoured aluminum nosepiece can be shaped for personal adjustment to provide a close fit and the low profile design lets you see without obstructions and can be worn with glasses. Features include a hypoallergenic microfibre filtration media for enhanced protection, a soft, non-irritating lining, a comfortable inner foam nosepiece, pre-stretched durable head straps, and high quality materials and molding process which improves the collapse resistance of the shell when worn. Ideal for blood-borne pathogen hazard spill kits.
Part No. W795120, Without air valve.
Part No. W795110, With air valve.

NON-TOXIC DUST MASK

This lightweight cone-shaped disposable mask allows you to breathe and speak easily. The low profile design lets you see without obstructions and can be worn with glasses. For protection against non-toxic dust, contaminants, and fluids. The aluminum nosepiece can be shaped for personal adjustment to provide a close fit. Features a non-irritating filter media. Can be used for woodworking, agriculture, and general clean-up.
Part No. W213150.

NEW!!

HARD HAT CAP RACK/CRADLE

Part No. 31024S, Seat mounted.
Part No. 31024W, Wall mounted.

Head Protection — Safety Caps

The Alpha® and Beta® Safety Caps feature a lightweight polyethylene slotted shell. The Alpha Safety Cap is available with two types of replaceable four-point suspension... the ratchet and the standard pinlock. The ratchet permits easy and fast adjustment to head sizes and assures an excellent, comfortable fit. The Preslok® suspension has a low fitting nape strap that adapts for an individual fit. Both offer patented shock absorbing hangers which snap firmly in place and help to evenly absorb impact. Replaceable padded sweatband and high quality nylon straps supported by a balanced crown pad help provide all day wearing comfort and protection. Feather-Kap Safety Caps are manufactured using impact resistant plastic. Lightweight design features a replaceable suspension with sweatband. All caps are adjustable for head sizes 6½" to 8". For greatest versatility in meeting unique job requirements, these safety caps accept a wide range of face and hearing protection accessories. Alpha and Beta Safety Caps meet or exceed ANSI Z-89.1-1986, Class A & B standards. Feather-Kap Safety Caps are not approved for use in areas where OSHA requires head protection tested in accordance with ANSI Z89.1-1986.

BETA® CAP

ALPHA® CAP

FEATHER-KAP®

Colour	Style 73BC BETA® CAP w/ #12910018 Standard Suspension	Style 82AC ALPHA® CAP w/ #12910009 Standard Suspension	Style 83ACR ALPHA CAP w/ #12910010 Ratchet Suspension	Style 65FC FEATHER-KAP® w/ Adjustable Suspension
	PART NO.	PART NO.	PART NO.	PART NO.
White	12410001	12210102	12210250	12110022
Yellow	12410002	12210103	12210251	12110025
Green	12410006	12210099	12210255	-
Red	12410004	12210101	12210256	-
Blue	12410003	12210098	12210254	12110001
Orange	12410005	12210100	12210252	12110010
Grey	-	12210105	12210253	-

SAFETY CAP REPLACEMENT PARTS

Part No. 12920001, Chin strap for Alpha and Beta safety caps.
Part No. 12910018, Standard suspension with integral strap and sweatband for Beta safety caps.
Part No. 12910009, Standard suspension with integral strap and sweatband for 82AC Alpha safety caps (4 pt. nylon web).
Part No. 12990053, Sponge padded vinyl sweatband for 82AC Alpha safety caps.
Part No. 12910010, Ratchet suspension with sweatband for 83ACR Alpha safety caps (4 pt. nylon web, dielectric).

12990053

WINTER LINERS FOR SAFETY CAPS

Part No. 12800003, Gold lightweight cotton flannel winter liner. Adjustable chin strap, three suspension tabs.
Part No. 12800002, Heavyweight stretch quilted winter liner. Polyurethane foam between green nylon tricot and white cotton knit lining. Flame retardant, Velcro chin fastener, three suspension tabs.
Part No. 12800007, Dielectric steel blue cotton twill winter liner. Blue fleece lining, three suspension tabs.

SUPER V™ CAPS

Designed to provide limited impact and penetration protection in the event of a top or lateral blow to the head, as well as limited protection against contact with high voltage conductors. This hard hat system consists of a durable polyethylene shell, a Fas-Trac® Ratchet suspension or 1-Touch™ suspension, and a polystyrene foam impact liner. The flame retardant liner is grooved and donut shaped to allow the movement of cool air to the head area. The Super V® helmet weighs less than 1 lb. and features wide inner cross straps making it the lightest and most comfortable lateral protection safety helmet available. Certified to CSA Z94.1-1992 Class "E" certification.

1-Touch™ Suspension
1-touch™ suspension is a revolutionary new suspension design. It features:
•Easy one hand squeeze opening •One hand slide adjustment and snap closure
•Comfortable and stable fit •Adjustable dual nylon straps

COLOUR	SUPER V w/ Fas-Trac Ratchet Suspension	SUPER V w/ 1-Touch Suspension
	PART NO.	PART NO.
White	217091	10058624
Blue	217092	10058625
Yellow	217093	10058626
Orange	217094	10058627
Red	217095	10058628
Green	217096	10058629
Grey	217097	10058634
Gold	10025225	10058630
Silver	10025227	10058631
Hi-Viz Orange	217100	10058632
Black	217140	10058633

Fas-Trac ***replacement*** ratchet suspension.
Part No. 818276.

V-GARD® PROTECTIVE CAPS AND HATS

Consists of a polyethylene shell and suspension system working together as a protection system. The V-Gard can be purchased with either the Fas-Trac Ratchet suspension or with Staz-on or UniPro suspensions. V-Gard caps and hats meet or exceed the applicable requirements for a Type 1 helmet (top impact) as outlined in ANSI Z89.1 1997, Class E and G (formerly class B and A).

V-Gard Replacement Suspension

Part No. 454230, Staz-on replacement suspension.
Part No. 473332, Fas-Trac replacement ratchet suspension.
Part No. 10004788, UniPro™ replacement suspension.

V-GARD CAPS

COLOUR	V-GARD w/ Fas-Trac Ratchet Suspension	V-GARD w/ Staz-on Suspension	V-GARD w/ UniPro™ Suspension
	PART NO.	PART NO.	PART NO.
White	475358	463942	10004760
Blue	475359	463943	10004762
Yellow	475360	463944	10004761
Orange	475361	463945	10004767
Red	475363	463947	10004763
Green	475362	463946	10004765
Grey	475364	463948	10004766
Hi-Viz Orange	-	-	10004764
Hi-Viz Lime Green	-	-	10017732

V-GARD HARD HATS

COLOUR	V-GARD w/ Fas-Trac Ratchet Suspension	V-GARD w/ Staz-on Suspension
	PART NO.	PART NO.
White	475369	454733
Blue	475368	454732
Yellow	475366	454730
Green	475370	454735
Red	475371	454736
Grey	475367	454731
Orange	-	454734
Black	217374	217369

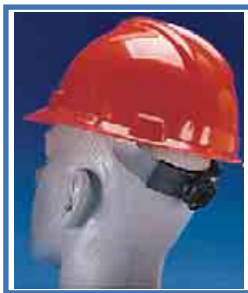
About the suspension systems:

UNIPRO™ SUSPENSION

UniPro™ suspension offers a unique, comfortable, yet energy-absorbing design. Easily snaps into the lugs of either the V-Gard cap or full-brimmed hat. A soft, absorbent replaceable sweatband provides a comfortable fit and cooling effect. The pinlock nape strap can be adjusted to fit sizes 6½ - 8".

STAZ-ON SUSPENSION SYSTEM

This is an easily adjustable, comfortable system specially designed for MSA Protective Hats and Caps to provide essential crown clearance to absorb impact energy. It features a headband, nape strap, CushionAire™ Sweatband and adjustable crown straps. Four plastic mounting clips fit into four molded slots in the hat or cap shell. Warning: For protective headwear to function effectively, it is imperative that the proper sized suspension be used with the proper sized protective shell.



FAS-TRAC RATCHET SUSPENSION SYSTEM

This system contains no metal parts and is an easily adjustable, snug-fitting system specially designed to work with MSA Protective Hats and Caps to provide essential crown clearance to absorb impact energy. Each Fas-Trac Ratchet Suspension features a headband, nape strap, CushionAire Sweatband and adjustable crown straps. Warning: For protective headwear to function effectively, it is imperative that the proper sized suspension be used with the proper sized protective shell.

COLOUR	TOPGARD w/ Fas-Trac Ratchet Suspension	TOPGARD w/ Staz-on Suspension
	PART NO.	PART NO.
Topgard Hard Hats		
Yellow	475387	454712
Grey	475388	454713
Blue	475389	454714
Brown	-	454715
Orange	475390	454716
Green	475391	454717
Red	475392	454718
White	475393	454719
Black	475394	454720
Topgard Caps		
Yellow	475378	454721
Grey	475379	454722
Blue	475380	454723
Orange	475382	454725
Green	475383	454726
Red	475384	454727
White	475385	454728
Black	475386	454729

TOPGARD® HARD HATS & CAPS

Lightweight, durable Topgard slotted caps and non-slotted hats are built for use by utilities and other industries where head protection from falling objects is necessary, along with good dielectric properties. Limited resistance to top impact or penetration is retained through a wide range of temperatures. Uni-ridge design; injection-molded, high impact resistant polycarbonate shell is combined with either a Staz-on or Fast-Trac suspension system to provide a comfortable fit, while offering effective protection from impact energy. Meets ANSI requirements.

Topgard Cap & Hat <u>Replacement</u> Suspension

Part No. 10061127*, Staz-on replacement suspension.
Part No. 473333*, Fas-Trac replacement ratchet suspension.

*These replacement suspensions will also fit MSA Shockgard® caps.

About the suspension systems:

STAZ-ON SUSPENSION SYSTEM

This is an easily adjustable, comfortable system specially designed for MSA Protective Hats and Caps to provide essential crown clearance to absorb impact energy. It features a headband, nape strap, CushionAire™ Sweatband and adjustable crown straps. Four plastic mounting clips fit into four molded slots in the hat or cap shell. Warning: For protective headwear to function effectively, it is imperative that the proper sized suspension be used with the proper sized protective shell.

FAS-TRAC RATCHET SUSPENSION SYSTEM

This system contains no metal parts and is an easily adjustable, snug-fitting system specially designed to work with MSA Protective Hats and Caps to provide essential crown clearance to absorb impact energy. Each Fas-Trac Ratchet Suspension features a headband, nape strap, CushionAire Sweatband and adjustable crown straps. Warning: For protective headwear to function effectively, it is imperative that the proper sized suspension be used with the proper sized protective shell.

PLASTIC BUMP CAPS

•Provides scalp covering to reduce exposure to abrasions and lacerations due to minor bumps •Molded from high density polyethylene — very durable •Perforated sides allows cross ventilation for better air circulation •Adjustable sizing 6½ to 8 •Cool, lightweight, and comfortable •Smooth surface is easy to clean •No replacement parts •Designed for work in areas such as pest control, meter reading, food/beverage processing, meat packing, auto repair

COLOUR	PART NO.
Blue	10033650
Yellow	10033651
White	10033652
Red	10033653
Orange	10033654
Dark green	10033655

WARNING:
This bump cap is NOT a safety helmet and does NOT meet OSHA nor ANSI requirements for head protection. DO NOT USE as sport safety helmet. DO NOT USE when ANSI-compliant head protection is required or needed.

DEFENDER™ FACESHIELD FRAME FOR SLOTTED CAPS

Features of the Defender Frame include:
•Front-drip-edge splash protection
•Unlimited number of lift stop positions
•Long lasting O-ring pivot joint design
•Snap in ear muff option
•Easy in, easy out visor replacement
•All frames come without visors, (sold separately below)

Part No. 10021614, Defender Faceshield Frame for medium V-Gard Caps.
Part No. 10021615, Defender Faceshield Frame for Topgard Caps.
Part No. 10026398, Sound Blocker 26 (26 NRR) Ear Muffs for Defender Frame.
Part No. 10017934, Visor, 8 x 16 x .04, clear.
Part No. 10005885, Visor, 8 x 16 x .04, dark green.

COMFORT BANDS INTL.

Terry Cloth Sweatbands For Hard Hats

64920

64720

Comfort Bands act like a one-way sponge, drawing in sweat and moisture from the forehead and pulling it around to the front, where it evaporates, keeping the user's head dry. This evaporation also helps the cooling process. Comfort Bands also reduce heat loss in frigid conditions by keeping the plastic bands away from contact with the user's forehead. Helps head and face safety gear stay in place and helps keep head gear on when bending over. Made of 100% cotton with hook and loop closure tape — all edges are serged for strength. This product can be washed and reused many times, which will save companies money and reduce waste to the environment. Reduces rashes caused by head and face safety gear.

Part No. 64920, Hard hat comfort band.

Part No. 64720, Welders' comfort band.

NORTH

Head Protection

Pin Lock Adjustment
Sturdy, easy to use, 4 point pin lock headband.

Ratchet Adjustment
The ratchet adjustment headband offers a firmer and more comfortable fit.

"THE PEAK" ANSI TYPE I CLASS E HARD HAT

A versatile and dependable design, with grooved HDPE outer shell, rain trough and accessory slots. Choice of pin lock or ratchet suspension (see information below). All suspension choices feature 3-level height adjustment.

Colour	A79 HARD HAT w/ Pin Lock Suspension	A79R HARD HAT w/ Ratchet Suspension
	PART NO.	PART NO.
White	A79010000	A79R010000
Yellow	A79020000	A79R020000
Orange	A79030000	A79R030000
Dark Green	A79040000	A79R040000
Hi-Vis Red	A79050000	A79R050000
Light Blue	A79060000	A79R060000
Sky Blue	A79070000	A79R070000
Navy Blue	A79080000	A79R080000
Grey	A79090000	A79R090000
Beige	A79100000	A79R100000
Black	A79110000	A79R110000
Gold	A79130000	A79R130000
Red	A79150000	A79R150000
Army Green	A79160000	-
Royal Blue	-	A79R170000
Hot Pink	A79200000	-
Fluorescent Orange	A79270000	-

Ratchet Adjustment
The ratchet adjustment headband offers a firmer and more comfortable fit.

"THE MATTERHORN" CSA, ANSI TYPE II CLASS E HARD HAT — FOAM LINED FOR LATERAL PROTECTION

All purpose lateral impact hard hat with foam liner, HDPE outer shell grooved for rigidity, rain trough and accessory slots. With forehead comfort band and crown pad, offering workers greater comfort. Ratchet suspension features a 4-point nylon web cradle with three-level height adjustment.

Colour	A89R HARD HAT w/ Ratchet Suspension
	PART NO.
White	A89R010000
Yellow	A89R020000
Orange	A89R030000
Dark Green	A89R040000
Hi-Vis Red	A89R050000
Light Blue	A89R060000
Sky Blue	A89R070000
Navy Blue	A89R080000
Grey	A89R090000
Black	A89R110000
Red	A89R150000

NORTH
Head Protection

LOW HAZARD AREA BUMP CAPS

Low hazard Bump Cap, well ventilated and lightweight for total wearer comfort. Ideal for: Food industry; mechanics; truck drivers; maintenance departments. HDPE shell, 4 point pin lock suspension.

Colour	BC86 BUMP CAP w/ 4-Point Pin Lock Suspension
	PART NO.
White	BC86010000
Yellow	BC86020000
Orange	BC86030000
Dark Green	BC86040000
Sky Blue	BC86070000
Navy Blue	BC86080000
Red	

Hard Hat Accessories

CHIN STRAPS

2 Point Chin Strap: For hard hats A79, A79R.
Part No. A79C.

4 Point Chin Strap: For hard hat A89R.
Part No. A99C.

A79C

A99C

SWEAT BAND

Terry cloth sweat band with Velcro closure. Washable, universal fit.
Part No. SB470.

RATCHET SUSPENSION

Replacement ratchet 4 point nylon suspension for A79R, A89R.
Part No. A79RS2.

PIN LOCK SUSPENSION

Replacement pin lock 4 point nylon suspension for A79.
Part No. A79S1.

ERGODYNE®
Work Gear — Proflex® Back Protection Supports

PERFORMANCE SERIES

The market leader for good reason. Full of innovations, combining three state-of-the-art patents — Sticky Fingers® stays, revolutionary V-shaped design, and power panel positioners™ — with the highest quality material available. These features ensure better compliance and long lasting wear. •840D spandex body material •Stretchable bias binding with zig-zag stitching •Black
Part No. 2000SF-XS, X-small.
Part No. 2000SF-S, Small.
Part No. 2000SF-M, Medium.
Part No. 2000SF-L, Large.
Part No. 2000SF-XL, X-large.
Part No. 2000SF-2XL, 2X-large.
Part No. 2000SF-3XL, 3X-large.
Part No. 2000SF-4XL, 4X-large.

STANDARD SERIES

•Patented non-conductive Sticky Fingers® stays •Adjustable, detachable suspenders •Patented power panel™ positioners •Durable 280D spandex body material •Stretchable bias binding with zig-zag stitching •Black
Part No. 1100SF-XS, X-small.
Part No. 1100SF-S, Small.
Part No. 1100SF-M, Medium.
Part No. 1100SF-L, Large.
Part No. 1100SF-XL, X-large.
Part No. 1100SF-2XL, 2X-large.
Part No. 1100SF-3XL, 3X-large.
Part No. 1100SF-4XL, 4X-large.

ECONOMY SERIES

•Economical, all-elastic body •7½" all-elastic body material •5" single strap closure •Non-conductive polypropylene stays •Stretchable bias binding with zig-zag stitching •Adjustable, detachable suspenders •Rubber track webbing •Black
Part No. 1650-XS, X-small.
Part No. 1650-S, Small.
Part No. 1650-M, Medium.
Part No. 1650-L, Large.
Part No. 1650-XL, X-large.
Part No. 1650-2XL, 2X-large.
Part No. 1650-3XL, 3X-large.
Part No. 1650-4XL, 4X-large.

Size Chart

X-Small	fits waists 22 - 25"
Small	fits waists 25 - 30"
Medium	fits waists 30 - 34"
Large	fits waists 34 - 38"
X-Large	fits waists 38 - 42"
2X-Large	fits waists 42 - 46"
3X-Large	fits waists 46 - 52"
4X-Large	fits waist 52 - 56"

Work Gear — Proflex® Supports & Sleeves

These comfortable, durable supports, wraps, and sleeves provide supplemental support and help relieve the stress associated with repetitive strain and overuse injuries. Ideal for workers who have already suffered minor strains, sprains, injuries, or some arthritis. An effective way to support and relieve aches and pains in the workplace.

PROFLEX® SINGLE STRAP WRIST SUPPORT

•Limits downward (flexion) wrist movements •Two stage H&L closure •Patented open-centre stay •Elastic •Black

PART NO. LEFT	SIZE	PART NO. RIGHT
4000-L-S	Small	4000-R-S
4000-L-M	Medium	4000R-M
4000-L-L	Large	4000R-L
4000-L-XL	X-large	4000R-XL

PROFLEX® DUAL STRAP WRIST SUPPORT

•Limits downward and upward (flexion and extension) movements •Double strap •Two-stage H&L closure •Patented open centre stay •Elastic •Black

PART NO. LEFT	SIZE	PART NO. RIGHT
4010-L-S	Small	4010-R-S
4010-L-M	Medium	4010R-M
4010-L-L	Large	4010R-L
4010-L-XL	X-large	4010R-XL

PROFLEX® AMBIDEXTROUS WRIST SUPPORT

•Reversible hook and loop strap •Neoprene •Black •Ambidextrous

Part No. 670-S, Small.
Part No. 670-M, Medium.
Part No. 670-L, Large.
Part No. 670-XL, X-large.

PROFLEX® ELBOW SUPPORT SLEEVE

•Neoprene 4-way stretch fabric provides uniform support •Ambidextrous •Contoured design conforms to body's natural shape •Closed cell structure for warmth •Adjustable cinch strap for exact fit and tension •Grey

Part No. 500-XS, X-small.
Part No. 500-S, Small.
Part No. 500-M, Medium.
Part No. 500-L, Large.
Part No. 500-XL, X-large.

Squids® — Lanyards For Tools, I.d. & Eyewear

Squids® Tool Lanyards are designed to reduce the chance of "struck by object" injuries. They tether hand tools to the people who use them with a simple clip to provide reliable, safe tool toting.

SINGLE TOOL LANYARD

•Tethers tools to worker to help prevent injury and lost productivity from dropped tools •Stretchable cord surrounded by tubular nylon webbing w/ silver reflective striping •Lock stitching at both ends for extra security •Cord stretches for full range of motion (standard model = 35" to 42"; extended model = 42" to 54") •Aluminum carabiner •Adjustable barrel lock for tool attachment •Ribbed pull cord

Part No. 3100, Standard model.
Part No. 3100-X, Extended model.

DOUBLE TOOL LANYARD

•Tethers tools to worker to help prevent injury and lost productivity from dropped tools •Stretchable cord surrounded by tubular nylon webbing w/ silver reflective striping •Lock stitching at both ends for extra security •Cord stretches for full range of motion (standard model = 35" to 42"; extended model = 42" to 54") •Aluminum carabiner on each end for tool attachment

Part No. 3110, Standard model.
Part No. 3110-X, Extended model.

COTTON EYEWEAR LANYARD

•100% cotton •Adjustable barrel slide •Durable, cool, comfortable •Machine washable

Part No. 3200, For standard tips.

ROPE STYLE EYEWEAR LANYARD

•5 mm polypropylene rope construction •Slip-fit forward frame attachment •Fits most frames •Adjustable slide •Durable, cool, comfortable

Part No. 3250.

Squids® — Lanyards For Tools, Id & Eyewear

BREAKAWAY DESIGN EYEWEAR LANYARD

•100% cotton •Dual breakaway safety design •Fits standard frames •Adjustable barrel slide •Durable, cool, comfortable •Machine washable
Part No. 3215.

NEOPRENE RETAINER STYLE EYEWEAR LANYARD

•Neoprene construction •Water resistant •Fits standard frames •Fused sockets •Attaching ends slide on frame for adjustment •Durable, cool, comfortable •Machine washable
Part No. 3275.

COTTON I.D. LANYARD

•100% cotton •Breakaway safety design and easy reattachment •Holds I.D. badge, security pass, keys, etc. •Durable, cool, comfortable •Machine washable •With ring and clip
Part No. 3302.

ROPE STYLE I.D. LANYARD

•Polypropylene rope construction •Breakaway safety design with easy reattachment •Dome slide •Holds I.D. badge, security pass, keys, etc. •Durable, cool, comfortable •With detachable ring and clip
Part No. 3358.

RETRACTOR LANYARD

•Dome design •Extends to 30" •Holds I.D. badge, security pass, keys, etc. •Nylon snap closure
Part No. 3382.

EYEWEAR CASE

•Durable nylon •Soft interior •Swivel loop attaches to belt
Part No. 3396.

Worksmart® Fire Gear/Equipment Bags

Designed for storage of tools and equipment.

NYLON DUFFLE BAG

•12" x 23" x 11" main hold •Two 12" x 11" side pockets •Heavy duty ribbed straps top and side •600D woven nylon body material •Heavy duty #8 zippers •Removable adjustable shoulder strap •Grab 'n Go pull strap •Strap grabber •Red
Part No. GB5020S, Small, 2600 ci capacity.
Part No. GB5020M, Medium, 3800 ci capacity.
Part No. GB5020L, Large, 6300 ci capacity

POLYESTER DUFFLE BAG

•12" x 23" x 11" main hold •Two 12" x 11" side pockets •Heavy duty ribbed straps top and side •600D polyester body material •Heavy duty #8 zippers •Removable adjustable shoulder strap •Strap grabber •Black
Part No. GB5020SP, Small, 2600 ci capacity.
Part No. GB5020MP, Medium, 3800 ci capacity.

FULL FACE RESPIRATOR BAG

•9" x 6" x 3.5" main hold •Easy access to full-face respirator or small tools •Lightweight, durable nylon construction •Hook and loop closure •Webbing belt loop closes with hook and loop for easy donning, doffing, and tear-away •420D nylon •Total capacity: 190 ci •Black
Part No. GB5181.

HALF-MASK RESPIRATOR BAG

•7" x 6" x 3.5" main hold •Easy access to half-mask respirator or small tools •Lightweight, durable nylon construction •Hook and loop closure •Webbing belt loop closes with hook and loop for easy donning, doffing, and tear-away •420D nylon •Total capacity: 145 ci •Black
Part No. GB5182.

ERGODYNE®

Worksmart® Fire Gear/Equipment Bags

GENERAL DUTY FALL PROTECTION BAG

•600D polyester •Drawstring opening and barrel closure •Webbing carry strap handle •Flap to protect from dust-filled environments •Grommeted drain hole •Total capacity: 1170 ci •Black
Part No. GB5130.

GENERAL DUTY SMALL GEAR BAG

•1½" heavy duty adjustable padded shoulder strap •12" x 12" x 10" main hold •Two 12" x 3" x 10" zippered end pockets •Heavy duty ribbed strap handles •420D nylon •Total capacity: 2220 ci •Black w/ red and grey panels
Part No. GB5115.

GENERAL DUTY MEDIUM GEAR BAG

•1½" heavy duty adjustable padded shoulder strap •14" x 16" x 11" main hold •Two 14" x 4" x 11" zippered end pockets •Heavy duty ribbed strap handles •420D nylon •Total capacity: 3780 ci •Black w/ red and grey panels
Part No. GB5116.

GENERAL DUTY LARGE GEAR BAG

•11" x 37" x 13" main hold •11" x 4" x 13" zippered end pocket •19" x 12" side pocket •Heavy duty ribbed strap handles •420D nylon •Total capacity: 6130 ci •Black w/ red and grey panels •Bearing skate wheels and end strap for easy towing
Part No. GB5120.

GENERAL DUTY BACK PACK

•20" x 13" x 6" main hold •Loaded with storage pockets •Padded back wall •3" padded shoulder straps with keeper and phone hold •Ergonomic top handle •420D nylon •Total capacity: 1560 ci •Black w/ red and grey panels
Part No. GB5143.

GENERAL DUTY WAIST PACK/TOOL KIT

•Two 6" x 12" x 2" pockets •Loaded with several pockets and loops •4" padded straps and bag wall for extra comfort •420D nylon •Total capacity: 290 ci •Black
Part No. GB5145.
Note: Tools not included.

DAL/1743

MILLER®

Fall Protection Equipment

DURAFLEX® PYTHON™ ULTRA HARNESSES

A premier line of Miller brand harnesses designed for superior comfort, fit, and safety performance. •Quick connect buckles for chest and leg straps •Comfort-Touch back D-ring pad; comfortable and orients harness for quick tangle free donning •Stretchable webbing for greater comfort and increased productivity •Cushioned tubular webbing in the shoulder straps minimizes possible discomfort around the neck and shoulders when required to wear a tool belt •Webbing protected with Teflon® HT — an invisible finish that extends harness life up to 25% and provides superior water/oil repellency and protection against grease, dirt, and grime.
Part No. P950QC/UGNC, Quick-connect buckle chest strap and leg straps; and comfort D-pad.
Part No. P950QC-4/UGN, Quick-connect buckle chest strap and tongue buckle leg straps; and comfort D-pad.
Part No. P950QC-7/UGNC, Quick-connect buckle chest strap and leg straps; comfort D-pad; and side D-rings.

Back D-Ring Pad

DURAFLEX® HARNESSES

Easier to wear because the webbing is a blend of nylon, polyester, and a specially formulated elastomer that stretches. Flexible, lightweight, soft — no bunching, binding, or kinking. Lime green colour. Meets applicable OSHA/ANSI/CSA Z259.10 standards. One "universal" size fits most.

•New stretchable elastic webbing in leg, shoulder and body straps •Friction buckle shoulder straps •Mating buckle leg and chest straps •Pull up design shoulder straps •Belt loops to accommodate tool belts, back pads, accessories •Lanyard clip
Part No. E650SN.

•New stretchable elastic webbing in shoulder and body straps •Friction buckle shoulder straps •Type 19 standard nylon webbing in grommeted leg straps with tongue buckles •Pull up design shoulder straps •Belt loops to accommodate tool belts, back pads, accessories •Lanyard clip
Part No. E650-4SN.

•New stretchable elastic webbing in leg, shoulder, and body straps •Friction buckle shoulder straps •Mating buckle leg straps
Part No. E850SN.

Fall Protection Equipment

BELTLESS LIGHTWEIGHT HARNESSES

The ultimate in comfort and convenience. Easy to put on and take off. Meets CSA Z259.10 standards.

Part No. 650-4, With sliding back dee, has personal fit for maximum distribution of shock load in the event of a fall. It features friction buckle shoulder strap adjusters, grommeted leg straps, a quick connect buckle on the shoulder strap retainer, and a sub-pelvic strap. Universal fit.

Part No. 650-64, Same as #650-4; with the addition of shoulder dees for raising and lowering in confined space applications. Universal fit.

Part No. 650, With sliding back dee, has personal fit for maximum distribution of shock load in the event of a fall. It features friction buckle shoulder strap adjusters, quick connect buckles on leg straps and shoulder strap retainer, and a sub-pelvic strap. Universal fit.

Part No. 650-3, Same as #650; with the addition of shoulder dees for raising and lowering in confined space applications. Universal fit.

Part No. 751S/M, Quick-connect harness with mating buckle leg straps, small/medium fit.

Part No. 751L/XL, Same as #751S/M; except large/extra large fit.

650-4

COMPLETE HARNESSES

Meets CSA Z259.10 standards.

Part No. 8714-17M, Complete harness with sliding back dee also has shoulder dees for confined entry or manhole work when used with lifting lanyard and spreader bar. The rump saddle (sub-pelvic strap) features front dees for controlled descent or rappelling capability. Medium; 36 - 44" waist.

Part No. 8714-17L, Same as #8714-17M, except large size; 40 - 48" waist.

WELDERS' HARNESSES & LANYARDS

Blue, flame retardant Nomex® webbing with contrasting yellow Kevlar® core. Special webbing protects against weld splatter; inner core adds strength and high temperature resistance; bright contrasting colours make inspection easier. Meets National Fire Protection Association (NFPA) standards; OSHA, ANSI, and CSA requirements.

Part No. 650K, Welders' harness. Features lanyard clip, pull-up shoulder adjustment, sub-pelvic strap, belt loops. Universal fit.

Part No. 650K-7, Welders' harness w/ side D-rings. With the same features as #650, and two forged steel side D-rings. Universal fit.

Part No. 751KS/M, Welders' harness. Features single adjustment point in legs; economical design. Small/medium fit.

Part No. 751KL/XL, Same as #751KS/M except large/extra large fit.

Part No. 850K, Welders' harness. Pull-down shoulder adjustment; sub-pelvic strap. Universal fit.

Part No. 907K, 6 ft. cable lanyard w/ SofStop shock absorber w/ Nomex cover and Kevlar safety strap. 1/4" steel cable; 2 locking snap hooks with 3/4" gate openings.

Part No. 913K, 6 ft. web lanyard w/ SofStop shock absorber w/ Nomex cover and Kevlar safety strap. 2 locking snap hooks with 3/4" gate openings.

Part No. 940K, 6 ft. web lanyard w/ double SofStop shock absorber for 12 ft. free fall. Nomex cover and Kevlar safety strap. 2 locking snap hooks with 3/4" gate openings.

Part No. 8185K, 6 ft. cross-arm strap anchorage connector. Loop on one end and D-ring on the other; 1-3/4" wide, Nomex webbing with Kevlar core.

Part No. 9751KL/XL, Welders' Kit. Includes: Full body harness (#751K), cable lanyard (#907K) with SofStop shock absorber, cross-arm strap anchorage connector, and durable Millerhyde™ carrying bag. Large/extra large.

Part No. 9850K, Welders' Kit. Includes: Full body harness (#850K), cable lanyard (#913K) with SofStop shock absorber, cross-arm strap anchorage connector, and durable Millerhyde carrying bag.

9751KL/XL

RELIEF STEP SAFETY DEVICE

The Miller Relief Step Safety Device alleviates the effects of orthostatic intolerance, also known as suspension trauma. If a fall occurs, a person becomes suspended in a harness and remains both vertical and sedentary for a period of time, causing blood to "pool" in the veins of the legs. Subsequently, blood is restricted to the brain and other major organs that may initially result in unconsciousness. If not rescued promptly, serious injury or death may occur. The Miller Relief Step is designed to provide a short term solution for alleviating suspension trauma.

Part No. 9099.

RELIEF STEP SAFETY DEVICE

DELUXE WAIST BELTS

CSA Standard Z259.1. Deluxe lined waist belt with D-ring.
Part No. 123NS, Small, 32 - 40".
Part No. 123NM, Medium, 36 - 44".
Part No. 123NL, Large, 42 - 48".
Part No. 123NXL, Extra large, 44 - 52".

WAIST BELTS w/ BACK PAD

CSA Standard Z259.1. Waist belt w/ back pad and D-ring.
Part No. 3NA-S, Small, 32 - 40".
Part No. 3NA-M, Medium, 36 - 44".
Part No. 3NA-L, Large, 42 - 48".
Part No. 3NA-XL, Extra large, 44 - 52".

MANYARD™ SHOCK ABSORBING LANYARD

Meets applicable OSHA/ANSI/CSA Z259.11 standards.
Part No. 216WLSX4, 4 ft., w/ small locking snaps at both ends.
Part No. 216WLSX6, 6 ft., w/ small locking snaps at both ends.
Part No. 216WLSX8, 8 ft., w/ small locking snaps at both ends.
Part No. 219WRSX4, 4 ft., with a large and small locking snap.
Part No. 219WRSX6, 6 ft., with a large and small locking snap.
Part No. 219WRSX8, 8 ft., with a large and small locking snap.

MANYARD II™ SHOCK ABSORBING LANYARD

Meets applicable OSHA/ANSI/CSA Z259.11 standards.
Manyard II™ 6 ft. shock absorbing lanyard, reduces the force of a fall by 50 to 80%. Integral red core shock absorber/wear indicator; heavy duty outer jacket serves as a back-up strap for added safety. Drop forged zinc plated steel locking snap hooks that minimize the possibility of accidental disengagement.
Part No. 216M.

The shock absorbing lanyard employs a unique webbing technique which allows a controlled stretch during fall arrest thus reducing the shock to the wearer (as much as 50% over corresponding 5/8" nylon rope lanyards). When the shock absorbing lanyard receives a force of 600 lbs. (2,7 KN) exerted on it, an indicator flap pops out to indicate the lanyard has been subjected to a fall, and the lanyard is NOT TO BE REUSED.

MILLER

SOFSTOP™ WEBBING LANYARD

Meets applicable OSHA/ANSI/CSA Z259.11 standards.
Webbing lanyard with locking snaps at both ends — can be attached directly to the hardware of a full body harness, with or without an attached lanyard.
Part No. 913WLSX4, 4 ft.
Part No. 913WLSX6, 6 ft.

NYLON ROPE NON-SHOCK ABSORBING LANYARD

CSA Z259.1 standard. Construction grade 5/8" nylon rope non-shock absorbing lanyard.
Part No. 201RLS-2X6, 6 ft., with small locking snaps at both ends.
Part No. 202RRS-2X4, 4 ft., with a large and small locking snap.

BACKBITER™ TIE-BACK LANYARD

6 ft. BackBiter™ Tie-Back Lanyards - all-in -one lanyard with Softstop shock absorber and cross-arm anchorage connector. Heavy duty Cordura® green nylon webbing with five times more abrasion resistance, with locking snap hook and locking 5K thumb tab snap hook.
Part No. 913B-SN.

TRAILING ROPE GRABS

Rope Grabs Meet OSHA/ANSI/CSA Z259.2 requirements.
Part No. 8174, Manual Rope Grab - stainless steel, with 5/8" or 3/4" synthetic rope tunnel
Part No. 8175, Trailing Rope Grab - stainless steel, with 5/8" rope tunnel

8174

8175

MIGHTYLITE RETRACTABLE LIFELINES

Select from a variety of lifeline lengths in galvanized wire rope, stainless steel wire rope, or polyester webbing. Easy to install and handle; ideal for hard-to-mount locations. Built-in carrying strap (on unit #RL20P, RL20G, RL20SS) or heavy duty steel handle (on all other units) for transporting. With carabiner and tagline. Double swivels (swivel on the snap hook and a top swivel on the unit) are perfect for tight situations, preventing the lifeline from twisting. Meets OSHA/ANSI/CSA Z259.2 requirements.
Part No. RL20P, 20 ft. polyester webbing (1") lifeline.
Part No. RL20G, 20 ft. galvanized wire rope (3/16") lifeline.
Part No. RL20SS, 20 ft. stainless steel wire rope (3/16") lifeline.
Part No. RL50P, 50 ft. polyester webbing (1") lifeline.
Part No. RL65G, 65 ft. galvanized wire rope (3/16") lifeline.
Part No. RL130G, 130 ft. galvanized wire rope (3/16") lifeline.
Part No. RL130SS, 130 ft. stainless steel wire rope (3/16") lifeline.

RL20P

RL65G

RETRACTABLE WEBBING LANYARD

8 ft. webbing length, retractable webbing lanyard c/w 2 attachment carabiners; CSA Z259.2 standard.
Part No. AD6902.

D-BOLT ANCHOR

Eliminates rollout. Ideal for use with the Manyard shock absorbing lanyard or retractable lifelines.
Part No. 416.

WEBBING/HOOK ANCHOR

Facilitates anchoring to scaffolding, pipe or angle iron. Large 2½" snap hook for easy installation, and D-ring to accommodate connecting device.
Part No. 480.

CROSS-ARM STRAP

6 ft. cross-arm strap. 2" nylon webbing, designed to wrap around I-beams forming a secure attachment point for lanyards, etc.
Part No. 8183.

"SHADOW BEAM ANCHOR"

Connects to a wide range of flanged beam sizes from 4" to 12" and up to 1¼" thick. Installs horizontally. Provides a compatible connection point for Manyard and SofStop shock absorbing lanyards.
Part No. 8811.

MANHANDLER HOIST

Manhandler Hoist w/ 60 ft. galvanized steel cable. Lightweight for easy transport and installation. One person set-up in minutes. Increased safety with "red" load indicator on the locking snap hook. Cost-effective, multiple use system — confined space, non-entry rescue, positioning device, personnel and material handling. Rapid retrieval rate. •Anti-backlash crank handle •Secondary braking system •Steel construction •5:1 gear ratio
Part No. 8442.

D-RING EXTENSION

18" extension.
Part No. 8928/18INBK.

7 FT. TRIPOD

7 ft. Tripod. Acts as the anchorage points of most typical rescue systems. Built for strength and durability, this lightweight aluminum tripod can withstand up to 5000 lbs. of vertical pull. Can easily be set up by one worker and can be transported effortlessly from one location to another. Legs adjust easily and lock in place, and feature yellow reflective tape for visibility. Comes complete with a safety chain and a rubber skid pad on each foot to control slippage. (Accessories not included; shown for illustration purposes only.)
Part No. 51.

Dimensions:	
(Legs Extended)	
Standing Height:	89"
Leg Span Diameter:	66"
Distance Between Feet:	58"
(Legs Collapsed)	
Standing Height:	52"
Leg Span Diameter:	38"
Distance Between Feet:	34"
Weight:	37 lbs.
Maximum Workload:	300 lbs.
Adjustment Increments:	5.5"

SPREADER BAR & ROPE YOKE

Spreader Bar and Rope Yoke. With locking snaps; attaches to wristlets or to the shoulder dees of a full body harness to raise and lower entrants.
Part No. 6490RYLS.

RESPIRATOR/LANYARD BAG

9" x 6".
Part No. 1639-1.

CARABINER

Carabiner. Steel w/ 1" opening and screw lock. Can be used to connect retractable lifelines, such as the M52 to the overhead anchor point of the 51 tripod. This locking device is user friendly and has a tensile strength of more than 5000 lbs.
Part No. 17D-1.

Titan Fall Protection Products are user-friendly and safe. With a limited offering of "add-on" features, the Titan line is the sensible, cost-effective choice for fall protection. Available in 3 job categories.

CONSTRUCTION & GENERAL MAINTENANCE KITS

One Titan™ full-body, universal sized harness. Titan full-body harness with mating buckle leg straps and back D-ring. Kit includes one Titan #T5111 tubular webbing shock absorbing lanyard, one Titan #T7314 6 ft. cross-arm strap anchorage connector.
Part No. TCK4000.

SCAFFOLDING KITS

One Titan™ full-body, universal sized harness. Titan full-body harness with mating buckle leg straps and back D-ring. Kit includes one Titan #T5112 6 ft. tubular shock absorbing lanyard with locking rebar snap hook (2¼" gate opening).
Part No. TSK4000.

ROOFING KITS

One Titan™ full-body, universal sized harness. Titan full-body harness with mating buckle leg straps and back D-ring. Kit includes one roof anchor with attachment D-ring, one 5/8" trailing rope grab, one 3 ft. lanyard with two locking snap hooks (3/4" gate opening), one 50 ft. high strength rope lifeline.
Part No. TRK4000-50.

UNIVERSAL FULL-BODY HARNESSES

Lightweight, durable polyester webbing for all day comfort and dependability. •Fully adjustable designs •Sliding back D-ring •Sub-pelvic strap •Mating chest strap shoulder buckles •Trilingual labelling and instructions •One "universal" size fits most
Part No. T4000U, Without side D-rings, with mating leg strap buckles.
Part No. T4007U, With side D-rings, with mating leg strap buckles.
Part No. T4500U, Without side D-rings, with tongue leg strap buckles.
Part No. T4507U, With side D-rings, with tongue leg strap buckles.

T4000U

SHOCK ABSORBING LANYARDS

Tubular shock absorbing lanyards feature a built-in woven inner core which smoothly expands to reduce fall arrest forces, while the outer jacket serves as a back-up web lanyard. •Polyester webbing •One leg •Locking snap hook harness connection •6 ft. length
Part No. T5111, 6 ft. lanyard with locking snap hook.
Part No. T5112, 6 ft. lanyard with locking rebar hook.

T5111

T5112

ANCHORAGE CONNECTOR

6 ft. x 1¾" polyester webbing cross-arm strap features a D-ring which slips through a web loop.
Part No. T7314.

FULL-BODY HARNESSES

Protecta full-body harnesses incorporate the following features: •1¾" wide webstrap •Shock-absorbing design •Sewn-in load indicators for easy visual inspection •Sub-pelvic strap •Parachute buckles for 100% closure •Full range of adjustment •Colour coding for ease of donning •Individual serial numbers for traceability •Compliance with OSHA 1910/1926, ANSI Z359.1-1992, and CSA Z259 •Designed for male or female use Construction Model - •3 parachute buckle closures •Leg and chest adjustable •Red with yellow sub-pelvic strap •Single D-ring in back •2.5 lbs. total weight •Standard size
Part No. AB10113.

Industrial Model-Positioning - •3 parachute buckle closures •Leg and chest adjustable •Red with yellow sub-pelvic strap •Single D-ring in back •2 side-hip positioning D-rings •2.6 lbs. total weight •Standard size
Part No. AB11123.

AB10113

FIVE POINT HARNESS

•100% polyester construction •Sliding dorsal "D" ring for fall arrest •Adjustable shoulder, leg, and chest straps •Stamped 5,000 lb. hardware •2.1 lbs. (0.96 kg) •Meets CSA Z259.10
Part No. AB17530C.
Part No. AB17540C, Similar to #AB17530C, with hip D-Rings.
Part No. AB17550C, Similar to #AB17530C, with Dorsal D-Ring, tongue, and grommet leg straps.
Part No. AB17560C, Similar to #AB17530C, with Dorsal and hip D-Rings, tongue and grommet leg straps.

THREE POINT HARNESS

•100% polyester construction •Sliding dorsal "D" ring for fall arrest •Parachute buckle leg/chest closures •Stamped 5,000 lb. hardware •1.7 lb - 0.45 Kg •Meets CSA Z259.10
Part No. AB17510C.

THREE POINT HARNESS W/ POSITIONING "D"- RINGS

•100% polyester construction •Sliding dorsal "D" ring for fall arrest •2 side positioning "D" rings •Parachute buckle leg/chest closures •Stamped 5,000 lb. hardware •2.4 lb - 0.91 Kg •Meets CSA Z259.10
Part No. AB17520C.

THREE POINT HARNESS W/ SHOULDER "D"- RINGS

•100% polyester construction •Sliding dorsal "D" ring for fall arrest •2 shoulder "D" rings •Parachute buckle leg/chest closures •Stamped 5,000 lb. hardware •3.2 lb - 1.36 Kg •Meets CSA Z259.10
Part No. AB17525C.

POSITIONING LANYARDS

Positioning lanyards are used by workers either to maintain a working position at heights, or to restrict their movement so that they avoid placing themselves in a hazardous position. Positioning lanyards are constructed of either rope or web material, and can incorporate a variety of hooks and connectors. Meets OSHA 1910/1926, ANSI Z359.1-1992, and CSA Z259 standards.
Part No. AL305CPW-6, Web Positioning Lanyard - 1" wide polyester web lanyard with double locking snap hook each end, 6 ft. total length.
Part No. AL340C-6, Rope Positioning Lanyard - 5/8" dia. rope lanyard with double locking snap hook each end, 6 ft. total length.

AL305CPW-6

POSITIONING LANYARD

•1.75"/445 mm polyester •Standard snap hooks •6 ft. / 1.83 m length •2.0 lb - 0.91 Kg •CSA Z259.11
Part No. AE57610C.

POSITIONING LANYARD

•1.75"/445 mm polyester •Large scaffold snap hook •6 ft. / 1.83 m length •2.5 lb - 0.91 Kg •CSA Z259.11
Part No. AE57640C.

POSITIONING LANYARD

•1.75"/445 mm polyester •100% tie-off •6 ft. / 1.83 m length •2.9 lb - 0.91 Kg
•CSA Z259.11
Part No. AE57630C.

POSITIONING LANYARD

•1.75"/445 mm polyester •100% tie-off / 2 scaffold hooks •6 ft. / 1.83 m length •3.8 lb - 1.36 Kg
•CSA Z259.11
Part No. AE57620C.

POSITIONING LANYARD

•1.75"/445 mm polyester •Standard snap hooks •4 ft. / 1.22 m length •1.9 lb - 0.86 Kg
•CSA Z259.11
Part No. AE57611C.

SHOCK ABSORBING LANYARDS

Shock absorbing lanyards are designed to reduce the impact forces placed on a body in the event of a fall. Shock absorbing lanyards are comprised of two sections: a lanyard (constructed of web); and a shock absorbing unit. The shock absorbing unit is constructed of two separate pieces of webbing that are woven together and a separate backup strap. If a fall occurs the woven material will separate progressively, absorbing energy as it smoothly and quickly brings the user to a stop. Meets OSHA 1910/1926, ANSI Z359.1-1992, and CSA Z259 standards.
Part No. AE542CPW2-6, Shock Absorbing Lanyard - 1¾" wide polyester web shock absorbing lanyard with double locking snaphook each end, 6 ft. total length.
Part No. AE544CPW2-4, Shock Absorbing Lanyard w/ Ladder Hook - 1¾" wide polyester web shock absorbing lanyard with one double locking snaphook, 4 ft. total length.
Part No. AE544CPW2-5, Same as #AE544CPW2-4, except 5 ft. length.
Part No. AE544CPW2-6, Same as #AE544CPW2-4, except 6 ft. length.

Part No. AE560C-4, "Pro-Stop" Shock Absorbing Lanyard - 1" web with integrated shock absorber, double locking snaphook each end, 4 ft. total length.
Part No. AE560C-5, Same as #AE560C-4, except 5 ft. length.
Part No. AE560C-6, Same as #AE560C-4, except 6 ft. length.

Part No. AE555CW2-6,Y Lanyard - with ladder hook.

AE544CPW2-6

AE560C-6

LANYARDS

Integrated Absorbing Lanyard. •1-3/8" (35 mm) polyester tube web with integrated energy absorber, snap hooks •2.2 lbs. (1 kg) •CSA Z259.11
Part No. AE57700C, 6 ft. long.
Part No. AE57701C, Similar to #AE57700C, with snap, scaffold hooks.
Part No. AE57702C, Similar to #AE57700C, 4 ft., with snap hooks.
Part No. AE57703C, Similar to #AE57700C, 4 ft., with snap, scaffold hooks.

CONNECTORS, ANCHORAGE DEVICES, & ACCESSORIES

Anchorage devices are designed to be adaptable to virtually any circumstance where connection of a fall protection system to a 5,000 lb. anchorage point is necessary. Each is rated at least 5,000 lb. or greater, and conforms to OSHA 1910/1926 and ANSI Z359.1-1992 standards for anchorage devices.

WEBSTRAP SLINGS

1¾" x 3 ft. nylon web with 3" scuff guard, 2" and 3" pass-through D-rings.
Part No. AJ450C-3.

Same as #AJ450C-3, except 6 ft. length.
Part No. AJ450C-6.

ANCHORAGE D-EYEBOLT

Forged steel, zinc coated. 1/2" x 1-3/8" mounting bolt. 2¾" ID horizontal anchor area, 1-3/8" ID vertical anchor area. May be used vertically with shock absorber.
Part No. AN112A.

4-LEG STRETCHER BRIDLE

Part No. RM0300.

SELF-LOCKING CARABINERS

2" gate opening. Fits #16 diameter rebar, 9/16" diameter zinc-plated carbon steel. Captive eye pin provided. 1.4 lbs. total weight.
Part No. AJ593A.

3/4" gate opening. Forged steel, galvanized. 0.38 lbs. total weight. Captive eye pin included.
Part No. AJ514A.

REBEL™ SELF-RETRACTING LIFELINES

Protecta fall arrestors incorporate an energy absorption system that will arrest a fall in less than two feet, while providing smooth, rapid deceleration. Ergonomic lifting handle. Includes a double locking snaphook at cable end. Meets OSHA 1910/1926, ANSI Z359.1-1992, and CSA Z259 standards. Thermoplastic casing with built in impact load indicator. Red end-of-travel indicator. 3/16" stainless steel cable.
Part No. AD110BRC, 10 ft. Self-Retracting Lifeline - 10 ft. web SRL w/ swivel snap and swivel housing
Part No. AD212CS, 30 ft. Self-Retracting Lifeline - 30 ft. total cable length. 14.25 lbs. total weight.
Part No. AD216CG, 50 ft. Self-Retracting Lifeline - 50 ft. total cable length. 14.25 lbs. total weight.
Part No. AD222CG, 75 ft. Self-Retracting Lifeline - 75 ft. total cable length. 21.5 lbs. total weight.

PROTECTA® INTERNATIONAL

Fall Protection Equipment

COBRA AUTOMATIC ROPE GRABS

The rope grab fall arrestor is designed for use where light weight and mobility are a must. It is designed to offer hands-free traverse. The device can be attached to or removed from the rope at any point. Its one piece design does not use pins or screw locks to open and close the device. Complies with OSHA 1910/1926, ANSI Z359.1-1992, and CSA Z259 standards. Constructed of impact resistant steel.

Part No. AC203C-2SL, With a permanently attached 2 ft. lanyard.

Part No. AC203C-SA2, With a permanently attached 2 ft. shock absorbing lanyard.

AC203C-2SL

ROPE GRAB & SHOCK-ABSORBER COMBO

•1/2" diameter blended rope lifeline •Stainless steel single action rope grab •2 ft. shock-absorber permanently attached

Part No. AC27325, 25 ft.

Part No. AC27350, 50 ft.

AC27325

ROPE LIFELINES

Polyester blend lifeline with double locking snaphook on one end.

Part No. RLL625-25, 5/8" x 25 ft.

Part No. RLL625-50, 5/8" x 50 ft.

Part No. RLL625-75, 5/8" x 75 ft.

Part No. RLL625-100, 5/8" x 100 ft.

Part No. RLL625-150,5/8" x 150 ft.

PROTECTA

NORTH

Fall Protection

RITE-ON™ FALL ARREST UNIVERSAL HARNESSES

The RITE-ON harnesses are designed with two things in mind: Simplicity and Comfort. It's constructed to shape around the user with ease. The harnesses are engineered with a comfort pad to make the donning of a harness a breeze. The comfort pad also eliminates the tangling of the straps which are common with traditional harnesses. The bayonet style connectors allow users to connect their chest and leg straps in a single action. The RITE-ON harnesses are designed to have workers wear them all day without the need to remove them, this increases safety and productivity in the work place.

Part No. FP81F/1DBA, Fall arrest, (1) large back D-ring.

Part No. FP81F/1EDBA, Fall arrest, (1) large back D-ring with extender.

Part No. FP81F/4DLA, Fall arrest, work positioning, ladder climbing, (1) large back, (2) large sides, (1) small sternal D-ring.

Part No. FP81F/4EDLA, Fall arrest, work positioning, ladder climbing, (2) large sides, (1) small sternal D-ring, (1) large back D-ring with extender.

VEST-STYLE FALL ARREST UNIVERSAL HARNESSES

Polyester universal vest style harness with adjustable shoulder straps and a chest strap that can be positioned in the optimum location for the user, eliminating any need for stretchable webbing. Back D-ring and pass through leg buckles. CSA.

Part No. FP759/1DP, Fall arrest, (1) large back D-ring.

ROOFER'S KITS

Contains: Lightweight universal harness, soft pack energy absorbing lanyard with rope grab permanently attached, 3 strand co-polymer rope 5/8", roof bracket, 4" Ardox spiral nails and Durabilt carrying bag.

Part No. FPD90/25, With 25' of rope.

Part No. FPD90/50, With 50' of rope.

NORTH

NORTH DECELERATOR® ENERGY ABSORBING LANYARDS

Nylon with ergonomic double locking snap and flagging system
Part No. FP28822/6, (2) self locking snaps, 6 ft.
Part No. FP28829/4, (1) self locking snap, (1) rebar hook, 4 ft.
Part No. FP289299/6, Y-lanyard, (1) self locking snap, (2) rebar hooks, 6 ft.

SOFT PAK ENERGY ABSORBING LANYARDS

1¾" continuous polyester web soft pak energy absorbing lanyard - double locking ergonomic snaps at both ends. 6 feet long.
Part No. FP26322/6.

SOFT PAK ENERGY ABSORBING LANYARDS

1" continuous polyester web energy absorbing Y- lanyard - With double locking ergonomic stamped snap and 2 stamped scaffold hooks. 6 feet long.
Part No. FP2562GG/6.

DURALITE II SELF-RETRACTING LIFELINE

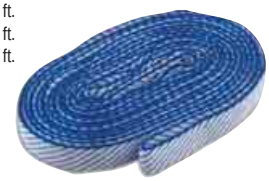
Self-retracting lifeline. Plastic housing with nylon web (3/4"). Double locking swivel snap. 20 ft. long.
Part No. FP1/306W.

RETRACTABLE WEB LANYARD

2" webbing with swivel double locking snap hook. Applications: General fall protection applications, stock pickers in warehouse, aerial lift applications. 8 ft. long.
Part No. FP0304.

TNT SPECTRA SLING

Tiny 'n Tough (T'nT) Sling is made of revolutionary Spectra webbing for lightweight, small size and exceptional strength. 1" web can be used without additional protective materials in concrete forming.
Part No. FP242/2, 2 ft.
Part No. FP242/4, 4 ft.
Part No. FP242/6, 6 ft.



ANCHOR SLING

1/4" PVC coated galvanized steel sling. 6 feet long.
Part No. FP02/6.

CARABINER CONNECTOR

Drop forged steel D-shaped carabiner. Autolocking, 3/4" opening.
Part No. FP86.

BOLT ON D-RING

D-ring shape reduces rollout possibilities. Mounting hardware required.
Part No. FP3730.

TEMPORARY ROOF ANCHOR

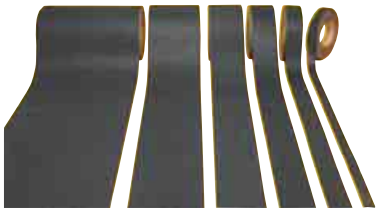
Disposable residential roof anchor (5000 lbs.), supplied with 4" spiral nails.
Part No. FP90B.

NORTH

Safety Products

ANTI-SLIP GRIT TAPE

This anti-slip grit tape offers extra traction to ensure a safe workplace. Constructed from a thick PVC base layer impregnated with an aggressive 60-grit compound. The backing has an aggressive acrylic adhesive system for longevity, that will adhere to most clean, dry surfaces. Tape works well in both indoor and outdoor environments, but should be applied at 40°F or higher. Liner is printed with a 1" square grid pattern. Black.
Part No. SG3101B, 1" x 60 ft. roll.
Part No. SG3102B, 2" x 60 ft. roll.
Part No. SG3103B, 3" x 60 ft. roll.
Part No. SG3104B, 4" x 60 ft. roll.
Part No. SG3106B, 6" x 60 ft. roll.
Part No. SG3112B, 12" x 60 ft. roll.
Part No. SG3124B, 24" x 60 ft. roll.



ANTI-SLIP BLACK SAFETY GRIT SHAPES

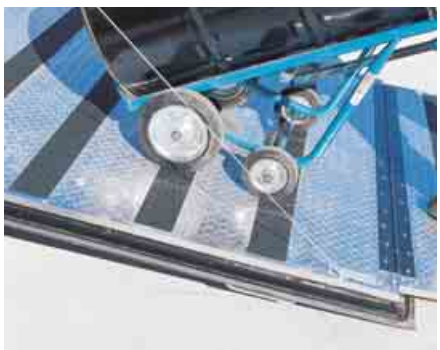
Die cut cleats are made from the same materials as the standard grit product, but pre-cut to give a finished look on your floor or equipment. All die cut cleats have rounded corners. An acrylic system will adhere to most any clean, dry surface. Cleats work well in both indoor and outdoor applications. Water resistant for outdoor usage. Black.
Part No. SG3125BS, 50 strips/pack, 3/4" x 24"
Part No. SG3125BSEA, 1 strip, 3/4" x 24"
Part No. SG3126BS, 50 strips/pack, 6" x 24"
Part No. SG3126BSEA, 1 strip, 6" x 24"
Part No. SG3127BS, 50 squares/pack, 5-1/2" x 5-1/2"
Part No. SG3127BSEA, 1 strip, 5-1/2" x 5-1/2"

COLOURED ANTI-SLIP SAFETY GRIT TAPE

Coloured grit tape is an effective way to offer visual warning of a slip and fall hazard while offering the same aggressive anti-slip features found on standard grit products. The surface is an aggressive 60-grit impregnated compound on a thick PVC liner. Tape will adhere to most any clean, dry surface with an acrylic adhesive system. May be used indoor and outdoor. Tape and adhesive are water resistant for use in outdoor applications, but not recommended for continually submerged applications. Try the popular yellow/black hazard striped tape for maximum visual warning and anti-slip protection on stair nosings.
Part No. SG3902YB, Yellow/black coloured, 2" x 60 ft.
Part No. SG3302Y, Yellow coloured, 2" x 60 ft.
Part No. SG3502R, Red coloured, 2" x 60 ft.
Part No. SG3602CL, Clear coloured, 2" x 60 ft.

"ALUMINUM BACKED" ANTI-SLIP SAFETY GRIT TAPE

This anti-slip safety grit tape is for those extreme applications. The foil carrier allows for excellent formability to most any surface with an aggressive adhesive. Works great on steel tread plate and stair nosing. The tape comes with an extra coarse 60-grit surface. Black.
Part No. SG4102AL, 2" x 60 ft.
Part No. SG4104AL, 4" x 60 ft.



EXTRA COARSE GRIT TAPE

Heavy foot traffic, dirty work environments can clog up the standard grit products with mud, oil, and grease. This extra coarse grit tape offers a deeply textured (36-grit) surface to continue to offer non-slip protection, even in the dirtiest conditions. Black.
Part No. SG6101B, 1" x 60 ft.
Part No. SG6102B, 2" x 60 ft.
Part No. SG6104B, 4" x 60 ft.
Part No. SG6106B, 6" x 60 ft.

SIGN SPRAY ON ADHESIVE

Part No. BA1, Sign On - multi-purpose spray adhesive. Great for porous surfaces.

RIGID PLASTIC SIGNS

Part No. RP-107, Fire Extinguisher arrow sign, 12" x 8".
Part No. RP-108, Fire Extinguisher arrow sign, 4" x 12".
Part No. RP-109, Fire Extinguisher arrow sign, 4" x 18".
Part No. RP-114, Fire Extinguisher arrow sign, 8" x 12".
Part No. RP-115, No Smoking sign, 8" x 10".
Part No. RP-112, Exit sign, 12" x 8".
Part No. RP-117, In Case Of Fire... Use Stairways sign, 5½" x 7".
Part No. RP-176, Emergency Eye Wash sign, 8" x 10".

RP-107

RP-176

RP-117

RIGID PLASTIC 90° ANGLE STAND OUT STYLE (PRINTED ON BOTH SIDES)

Part No. PWM-108, Fire Extinguisher arrow sign, 4" x 12".
Part No. PWM-109, Fire Extinguisher arrow sign, 4" x 18".
Part No. PWM-114, Fire Extinguisher arrow sign, 8" x 12".
Part No. PWM-125, Fire Hose arrow sign, 4" x 18".

PWM-108

RP-108

PWM-114

3D RIGID PLASTIC ANGLE STAND OUT SIGNS

Part No. PTD-108, Fire Extinguisher sign, 4" x 12".
Part No. PTD-182, Fire Extinguisher sign, 5" x 6".
Part No. PTD-112, Exit sign, 12" x 8".

PTD-108

PTD-182

PTD-112

RIGID PLASTIC DANGER SIGNS

Part No. RP-139, High Voltage Danger sign, 10" x 8".
Part No. RP-140, No Smoking Danger sign, 10" x 8".
Part No. RP-145, Safety Glasses Danger sign, 10" x 8".
Part No. RP-146, Flammable Liquids Danger sign, 10" x 8".
Part No. RP-147, Authorized Personnel Only Danger sign, 10" x 8".
Part No. RP-148, Construction Area Danger sign, 10" x 8".
Part No. RP-150, Flammable Danger sign, 10" x 8".

RP-146

RP-147

RP-140

RP-145

RP-148

RP-150

ALUMINUM FLUSH MOUNT SIGNS

Part No. ES-113, Fire Extinguisher arrow sign, 4" x 12".
Part No. ES-112, Fire Extinguisher arrow sign, 4" x 18".
Part No. ES-114, Fire Extinguisher sign, 8" x 12".
Part No. A-112, Exit sign, 12" x 8".
Part No. A-115, No Smoking sign, 8" x 10".
Part No. A-142, This Valve Controls Automatic Sprinkler... sign, 6" x 4".
Part No. A-143, Control Valve sign, 6" x 2".
Part No. A-161, Main Drain sign, 6" x 2".
Part No. A-162, Sprinkler Control sign, 6" x 2".
Part No. A-165, Sprinkler Fire Alarm... sign, 7¾" x 6".

ES-113

ES-114

A-115

A-142

ES-112

ALUMINUM 90° ANGLE STAND OUT STYLE (PRINTED ON BOTH SIDES)

Part No. EDS-117, Fire Extinguisher arrow sign, 4" x 12".
Part No. EDS-118, Fire Extinguisher arrow sign, 4" x 18".
Part No. EDS-121, Fire Extinguisher sign, 8" x 12".

EDS-117

EDS-121

EDS-118

SELF ADHESIVE VINYL SIGNS THAT "GLOW" IN THE DARK

Part No. G108, Fire Extinguisher arrow sign, 4" x 12".
Part No. G109, Fire Extinguisher arrow sign, 4" x 18".
Part No. G186, Fire Extinguisher sign, 6" x 1".
Part No. G112, Exit sign, 12" x 8".
Part No. G113, Directional Arrow sign, 8" x 5".

G112

G113

G108

G186

SELF ADHESIVE VINYL SIGNS — FIRE EXTINGUISHER

Part No. BL172, Fire Extinguisher Inside sign, 4" x 3".
Part No. BL105, Fire Extinguisher Inside sign, 4" x 4".
Part No. BL116, Fire Extinguisher Inside sign, 6" x 9".
Part No. BL183, Fire Extinguisher Inside sign, 18" x 2".
Part No. BL106, Fire Extinguisher... Break Glass sign, 6" x 2".
Part No. BL120, Fire Extinguisher sign, 12" x 4½".
Part No. BL107, Fire Extinguisher arrow sign, 12" x 8".
Part No. BL108, Fire Extinguisher arrow sign, 4" x 12".
Part No. BL109, Fire Extinguisher arrow sign, 4" x 18".
Part No. BL114, Fire Extinguisher arrow sign, 8" x 12".
Part No. BL127, Wrap Around Column or Pole Fire Extinguisher sign, 24½" x 12½".

BL105

BL120

BL107

BL172

Safety Signs

SELF ADHESIVE VINYL SIGNS — FIRE HOSE

Part No. BL111, Fire Hose, 12" x 4".
Part No. BL118, Fire Hose arrow sign, 8" x 12".
Part No. BL125, Fire Hose arrow sign, 4" x 18".

BL111

BL118

BL125

SELF ADHESIVE VINYL SIGNS — MISCELLANEOUS FIRE SIGNS

Part No. BL135R, Fire Die Cut sign, 3" x 8½".
Part No. BL170, Fire Blanket arrow sign, 4" x 18".
Part No. BLM12, Pull Here Fire Cabinet Cover sign, 4" x 2½".
Part No. BL167, Fire Door... Keep Closed sign, 12" x 6".
Part No. BL117, In Case of Fire... Use Stairways sign, 5½" x 7".
Part No. BL185, Fire Alarm Pull Station sign, 4" x 4".
Part No. BL119, Fire Alarm arrow sign, 8" x 12".
Part No. BL130, Break Front clear sign, 4¾" x 1½".

BL135R

BL170

BL117

SELF ADHESIVE VINYL SIGNS — NO SMOKING

Part No. BL110, No Smoking sign, 12" x 4".
Part No. BL115, No Smoking sign, 8" x 10" .
Part No. BL174, No Smoking... By Law sign, 8" x 5".

BL110

BL174

BL115

SELF ADHESIVE VINYL SIGNS — FIRST AID

Part No. BL144, First Aid Station arrow sign, 8" x 12".

SELF ADHESIVE VINYL SIGNS — EXIT

Part No. BL112, Exit Red With White Letters sign, 12" x 8".
Part No. BL112W, Exit White With Red Letters sign, 12" x 8".
Part No. BL168, Emergency Exit Only sign, 12" x 6".
Part No. BL169, Emergency Exit Only Alarm will Sound sign, 12" x 6".
Part No. BL126, Not An Exit self adhesive vinyl sign, 10" x 9".

BL112

BL168

BL112W

BL169

SELF ADHESIVE VINYL SIGNS — DIRECTIONAL ARROWS

Part No. BL113, Directional Arrow sign, 5" x 18".
Part No. BL121, Directional Arrow sign, 12" x 1½".
Part No. BL133, Directional Arrow sign, 4" diameter.

BL121

BL113

BL133

SELF ADHESIVE VINYL SIGNS — MISCELLANEOUS

Part No. BL137, This Door To Remain Unlocked During Working Hours sign, 23" x 1-7/8".
Part No. BL187, This Door To Remain Unlocked When Building Occupied sign, 12" x 6".
Part No. BL123, Warning $500 Fine sign, 4" x 4".
Part No. BL128, Warning... Electronic Alarm sign, 6" x 2".

BL187

BL123

BL128

OSHA Standard Safety Signs. In plastic (with drilled holes) 10" x 14" per OSHA regulations. •Gauge .030 •Service Temperature -28°C to 79°C •UV Resistance 1 - 3 years

10" x 14", plastic.
Part No. DA0029/3ST.

10" x 14", plastic.
Part No. DA0099/3ST.

10" x 14", plastic.
Part No. DA0069/3ST.

10" x 14", plastic.
Part No. DA0195/3ST.

10" x 14", plastic.
Part No. DA0221/3ST.

10" x 14", plastic.
Part No. DA0323/3ST.

10" x 14", plastic.
Part No. DA0331/3ST.

10" x 14", plastic.
Part No. DA0135/3ST.

10" x 14", plastic.
Part No. DA0157/3ST.

10" x 14", plastic.
Part No. DA0201/3ST.

10" x 14", plastic.
Part No. DA0393/3ST.

10" x 14", plastic.
Part No. NA0013/3ST.

10" x 14", plastic.
Part No. NA0125/3ST.

10" x 14", plastic.
Part No. NA0127/3ST.

10" x 14", plastic.
Part No. NA0077/3ST.

10" x 14", plastic.
Part No. NA0163/3ST.

10" x 14", plastic.
Part No. NA0075/3ST.

10" x 14", plastic.
Part No. NA0160/3ST.

10" x 14", plastic.
Part No. CA0005/3ST.

10" x 14", plastic.
Part No. CA0223/3ST.

10" x 14", plastic.
Part No. CA0193/3ST.

10" x 14", plastic.
Part No. SA0033/3ST.

10" x 14", plastic.
Part No. SA0029/3ST.

DIRECTIONAL & FIRE EXIT SIGNS

In styrene or self-adhesive vinyl as noted.

9" x 12", styrene.
Part No. FAA0005/ST.

9" x 12", vinyl.
Part No. FAA0005/VY.

9" x 12" V-shaped sign, styrene.
Part No. FAA0021/ST.

Single faced sign. 4" x 18", styrene.
Part No. FAA0053/ST.

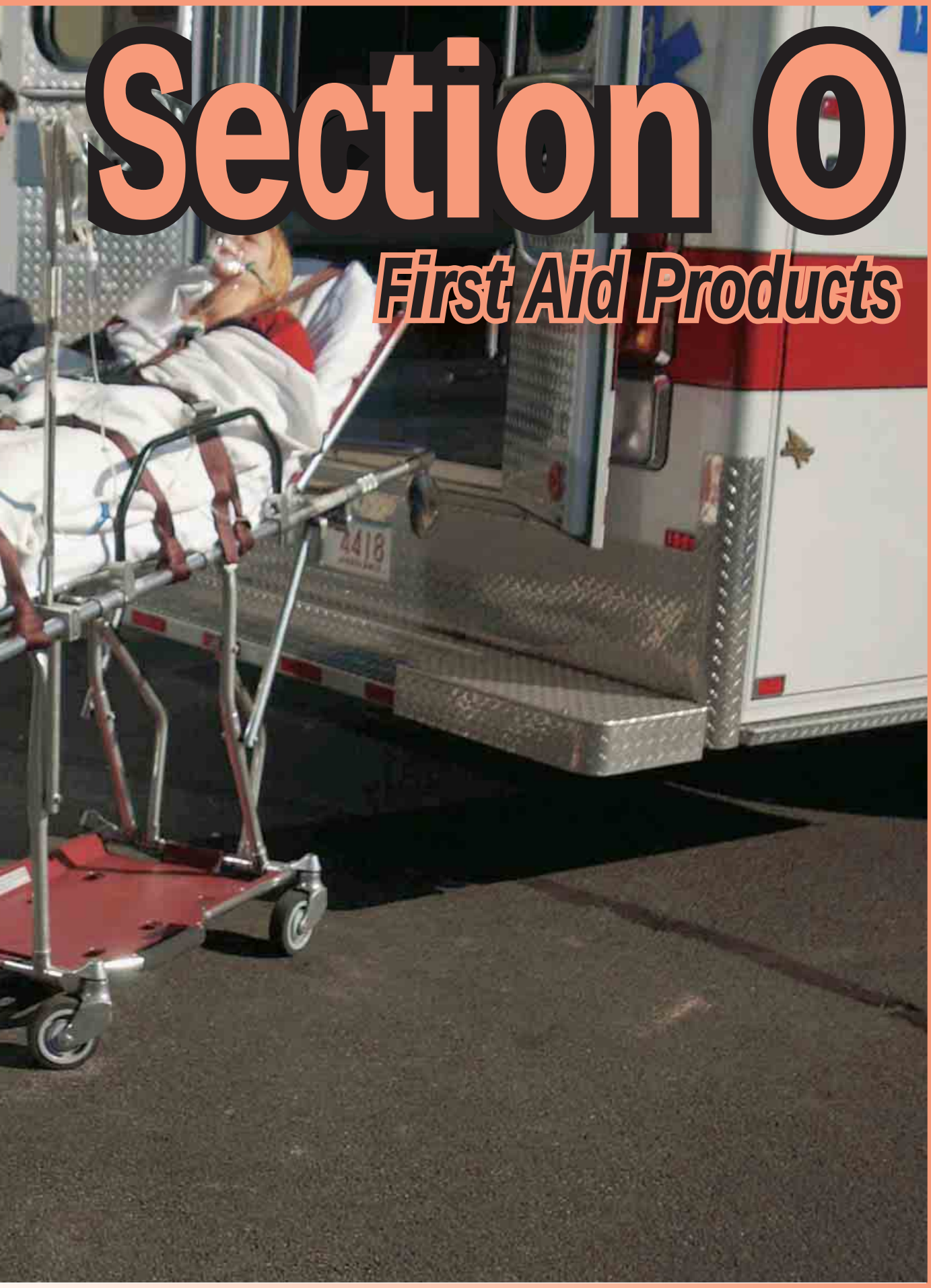
Single faced sign. 4" x 18", vinyl.
Part No. FAA0053/VY.

10" x 14", styrene.
Part No. FAA0027/ST/F3.

Gregg Distributors Ltd.

CELEBRATING 40 YEARS
40
Gregg
1968 2008

We Are Canadian.



Section O

First Aid Products

CELEBRATING 40 YEARS
40
1968
Gregg
2008

FIRST AID KITS

AB, B.C. & Saskatchewan Regulation First Aid Kits

First Aid Kits are designed to meet or exceed WCB Standards. All contents are packed in colour coded sterile cartons for easy selection and are sealed with plastic film. This allows for long term storage and assures you of sterility even under adverse sanitary conditions. Cabinets are made from 20 gauge steel furnished with sturdy latches and piano type hinges. They also come with built in handles and mounting brackets.

Part No. ALBERTAP, Type P Personal First Aid Kit - Plastic case.
Part No. ALBERTA #1, #1 First Aid Kit - 1 person.
Part No. ALBERTA #2, #2 First Aid Kit - 2 to 9 people.
Part No. ALBERTA #3, #3 First Aid Kit - 10 to 49 people.
Part No. BCP, Personal BC regulation First Aid Kit, plastic w/ gasket.
Part No. BCB, Basic BC regulation First Aid Kit, metal 24 unit box w/ gasket.
Part No. BC1, Level 1 BC regulation First Aid Kit, metal 36 unit box w/ gasket.
Part No. BC2, Level 2 and 3 BC regulation First Aid Kit, metal cabinet w/ gasket.
Part No. SASK1, Level 1 Saskatchewan regulation First Aid Kit.
Part No. SASK2, Level 2 Saskatchewan regulation First Aid Kit.
Part No. SASK3, Level 3 Saskatchewan regulation First Aid Kit.
Part No. FAK042304, School Bus First Aid Kit.
Part No. F7580M060, Extreme First Aid Kit.

Soft Pack First Aid Bags

First Aid Nylon Bag Style Kits are designed to meet or exceed WCB and OSHA Standards. Gregg Distributors offers a line of quality nylon bag first aid kits in a wide variety of sizes. Red in colour, using quality zipper closures and durable handles.

Part No. F88PN100, Alberta Type P personal nylon bag first aid kit.
Part No. F881N260, Alberta #1 nylon bag first aid kit.
Part No. F882N260, Alberta #2 nylon bag first aid kit.
Part No. F883N040, Alberta #3 nylon bag first aid kit.

Part No. F89PN100, BC personal nylon bag first aid kit.
Part No. F89BN260, BC basic nylon bag first aid kit.
Part No. F891N270, BC level 1 nylon bag first aid kit.
Part No. F892N270, BC level 2 nylon bag first aid kit.

Part No. F871N020, Saskatchewan #1 nylon bag first aid kit.
Part No. F872N260, Saskatchewan #2 nylon bag first aid kit.
Part No. F873N270, Saskatchewan #3 nylon bag first aid kit.

SAS

First Aid Kits

SAFETY CORP.®
When Protection Counts™

PERSONAL EMERGENCY CARE KIT

•Designed for individual use at home, shop, car, or work
Part No. 6001.

25 PERSON INDUSTRIAL FIRST AID KIT

•Comes in a durable plastic wall mountable case
Part No. 6025.

Water-Jel® First Aid Burn Kits

•The most advanced burn dressing available on the market. Ideal for industry, construction, farming, homes, cottages, restaurants. These kits provide the user with instant pain relief to stabilize skin temperatures.

WATER-JEL®, SMALL

P10 Burn Kit.
Part No. F5601P100.

Replacement Contents:

Part No. F2001100, Tape, cloth, 1/2" x 2.5 yards.
Part No. F2523812, Antiseptic towelettes, 12/box.
Part No. F3031304, 4 pack Acetaminophen, regular strength.
Part No. F3240100, Bio-hazard bag, red, 24" x 24".
Part No. F1020300, Conform bandage, 2" x 5 yards.
Part No. F1046760, Non-adherent pad, 3" x 4", 100/box.
Part No. F5526706, Cool Jel, .125 oz., 6/ unitized box.
Part No. F5525101, Cool Jel, 4 oz., squeeze bottle.
Part No. F5517101, Burn dressing, 4" x 4".
Part No. F5515101, Burn dressing, 2" x 2".
Part No. F5516101, Burn dressing, 2" x 6".
Part No. F3404501, Disposable gloves, 1 pair.
Part No. F3503115, Universal black handle shears, 5½".
Part No. F1140801, Tube gauze and applicator.
Part No. F3081100, First Aid bilingual pocket guide.

WATER-JEL®, MEDIUM

P16 Burn Kit.
Part No. F5603P160.

Replacement Contents:

Part No. F2005100, Tape, cloth, 1" x 5 yards.
Part No. F3031304, 4 pack Acetaminophen, regular strength.
Part No. F3240100, Bio-hazard bag, red, 24" x 24".
Part No. F1020300, Conform bandage, 2" x 5 yards (2).
Part No. F2523812, Antiseptic towelettes, 12/box.
Part No. F3503115, Universal black handle shears, 5½".
Part No. F5526706, Cool Jel, .125 oz., 6/ unitized box.
Part No. F5525101, Cool Jel, 4 oz., squeeze bottle.
Part No. F5517101, Burn dressing, 4" x 4" (2).
Part No. F5515101, Burn dressing, 2" x 2" (2).
Part No. F5516101, Burn dressing, 2" x 6".
Part No. F5518101, Burn dressing, 4" x 16".
Part No. F5519101, Burn dressing, 8" x 18½".
Part No. F3404501, Disposable gloves, 1 pair (4).
Part No. F1046760, Non-adherent pad, 3" x 4", 100/box.
Part No. F1140801, Tube gauze and applicator.
Part No. F3081100, First Aid Bilingual pocket guide.

WATER-JEL®, LARGE

P24 Burn Kit.
Part No. F5605P240.

Replacement Contents:

Part No. F2005100, Tape, cloth, 1" x 5 yards.
Part No. F3031304, 4 pack Acetaminophen, regular strength.
Part No. F3240100, Bio-hazard bag, red, 24" x 24".
Part No. F1020300, Conform bandage, 2" x 5" (4).
Part No. F3503115, Universal black handle shears, 5½".
Part No. F5526706, Cool Jel, .125 oz., 6/ unitized box (2).
Part No. F5525101, Cool Jel, 4 oz., squeeze bottle.
Part No. F5520101, Burn dressing, 12¼" x 16¼".
Part No. F5517101, Burn dressing, 4" x 4" (4).
Part No. F5515101, Burn dressing, 2" x 2" (2).
Part No. F5516101, Burn dressing, 2" x 6".
Part No. F5518101, Burn dressing, 4" x 16".
Part No. F5519101, Burn dressing, 8" x 18½".
Part No. F3404501, Disposable gloves, 1 pair (4).
Part No. F2523812, Antiseptic towelettes, 12/box.
Part No. F1046760, Non-adherent pad, 3" x 4", 100/box.
Part No. F1140801, Tube gauze and applicator.
Part No. F3081100, First Aid bilingual pocket guide.

COOL JEL® PAIN RELIEVING GEL

•For use on all burns but is especially designed for minor burns including sunburn.
Part No. F5526706, Box of (6) .125 oz. packets.
Part No. F5526725, Box of (25) .125 oz. packets.
Part No. F5525101, 4 oz. squeeze bottle.

First Aid/Medical Supplies

GAUZE BANDAGE ROLLS (NON-STERILE)

•Surgical gauze mesh, individually wrapped in paper. Ideal for all First Aid Kits. Suitable for holding sterile dressing in place and applying compression to a wound.
Part No. F1001200, 1" x 5 yard roll.
Part No. F1002200, 2" x 5 yard roll.
Part No. F1003200, 3" x 5 yard roll.
Part No. F1004200, 4" x 5 yard roll.
Part No. F1001804, 1" x 5 yard roll unitized - box of 4.
Part No. F1002804, 2" x 5 yard roll unitized - box of 4.
Part No. F1003802, 3" x 5 yard roll unitized - box of 2.
Part No. F1004802, 4" x 5 yard roll unitized - box of 2.

CONFORM BANDAGES (NON-STERILE)

•For dressing retention
Part No. F1020300, 2" x 5 yard roll.
Part No. F1021300, 3" x 5 yard roll.
Part No. F1022300, 4" x 5 yard roll.
Part No. F1023300, 6" x 5 yard roll.

SELF-ADHERENT WRAP

•Self adherent. No clips or fasteners needed. Maintains consistent compression with non-slip support.
Part No. F2102300, 2" x 5 yard roll.
Part No. F2103300, 3" x 5 yard roll.
Part No. F2104300, 4" x 5 yard roll.

REGULAR ELASTIC SUPPORT BANDAGES

•Non-adhesive elastic support bandages made of high quality acrylic polyester interwoven with rubber threads of high tensile strength. Individually shrink wrapped.
Part No. F1120300, 2" x 5 yard roll, stretched.
Part No. F1121300, 3" x 5 yard roll, stretched.
Part No. F1122300, 4" x 5 yard roll, stretched.

HOSPITAL TAPE - WATERPROOF

•On a spool with cover
Part No. F2021701, 1/2" x 5 yard roll, plastic spool.
Part No. F2024701, 1" x 5 yard roll, plastic spool.
Part No. F2026701, 2" x 5 yard roll, metal spool.
Part No. F2027701, 2" x 5 yard roll 3 cut, metal spool.

HOSPITAL TAPE - WATERPROOF

•White zinc oxide waterproof tape
Part No. F2022100, ½" x 10 yard roll.
Part No. F2024100, 1" x 5 yard roll.
Part No. F2025100, 1" x 10 yard roll.

ADHESIVE CLOTH - COTTON

•Economically packaged on a plastic spool
Part No. F2001100, 1/2" x 2½ yard roll.
Part No. F2002100, 1/2" x 5 yard roll.
Part No. F2003100, 1/2" x 10 yard roll.
Part No. F2004100, 1" x 2½ yard roll.
Part No. F2005100, 1" x 5 yard roll.
Part No. F2006100, 1" x 10 yard roll.

ELASTOPLAST® ALL PURPOSE TAPE - WATERPROOF

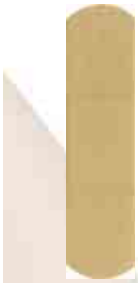
•Made from thin PVC film fully spread with zinc oxide adhesive. Excellent protectant from oil, grease and water.
Part No. F2078100, 1" x 3½ yard roll on spool.
Part No. F2079100, 2" x 3½ yard roll on spool.

FABRIC BANDAGES (STERILE)

•Conformable stretch fabric dressings, stretch with every movement. Unique open weave fabric allows your skin to breathe for fast healing.
Part No. F1504760, 3" x 3/4" strip - box/100.
Part No. F1504750, 3" x 3/4" strip - box/50.
Part No. F1504812, 3" x 3/4" strip - box/12.
Part No. F1510760, Knuckle, 3" x 1½" - box/100.
Part No. F1510750, Knuckle, 3" x 1½" - box/50.
Part No. F1510812, Knuckle, 3" x 1½" - box/12.
Part No. F1513760, Finger tip regular, 1¾" x 2" - box/100.
Part No. F1513750, Finger tip regular, 1¾" x 2" - box/50.
Part No. F1513812, Finger tip regular, 1¾" x 2" - box/12.
Part No. F1516760, Finger tip large, 3" x 1¾" - box/100.
Part No. F1516750, Finger tip large, 3" x 1¾" - box/50.
Part No. F1525760, 3" x 2" patch - box/100.
Part No. F1525750, 3" x 2" patch - box/50.
Part No. F1531760, 1½" x 3/4" patch - box/100.

PLASTIC BANDAGES (STERILE)

•For all types of minor wounds
Part No. F1570812, 3" x 3/4" strip - box/12.
Part No. F1570824, 3" x 3/4" strip - box/24.
Part No. F1570832, 3" x 3/4" strip - box/32.
Part No. F1570760, 3" x 3/4" strip - box/100.
Part No. F1572760, 3" x 1" strip - box/100.
Part No. F1580760, Butterfly closure medium - box/100.



COTTON GAUZE PADS (STERILE)

•Individually wrapped gauze pads
Part No. F1030760, 2" x 2" pad - box/100.
Part No. F1030525, 2" x 2" pad - bag/25.
Part No. F1031760, 3" x 3" pad - box/100.
Part No. F1031524, 3" x 3" pad - bag/24.
Part No. F1032760, 4" x 4" pad - box/100.
Part No. F1032725, 4" x 4" pad - bag/25.

WATERPROOF TAPE & DISPENSER

•A premium grade tape made from waterproof coated high tensile strength cloth with a zinc oxide adhesive backing.
Part No. F2030701, 1/2" x 5 yards.

COTTON TIP APPLICATORS (NON-STERILE)

Part No. F1201560, 3" applicator - bag/100.
Part No. F1203560, 6" applicator - bag/100.

TRIANGULAR BANDAGES

•100% muslin cotton individually packaged with safety pins
Part No. F1131300, 40" x 40" x 56".

Water-Jel® First Aid Burn Kits

COMPRESS BANDAGES & ABDOMINAL PADS

•Compress bandages and pressure pad helps stop bleeding quickly. Compress bandages feature non-stick pads. Full strength self adherent tails for support. Individually wrapped and sterilized.
Part No. F1101300, 2" x 2".
Part No. F1102300, 3" x 3".
Part No. F1103300, 4" x 4".
Part No. F1040300, 36" x 36".
Part No. F1112300, 5" x 15".
Part No. F1110300, 4" x 6" w/ rubber elastic ties.
Part No. F1105300, 6" x 6".
Part No. F1215200, 7½" x 8".
Part No. F1216200, 8" x 10".

OPSITE® SPRAY

•Spray on dressing for minor cuts and abrasions. Provides waterproof coating and clean environment for faster healing.
Part No. F3024160, 100 ml.

ISOPROPYL RUBBING ALCOHOL

•General antiseptic solution that also serves as a rubbing compound for sprains and sore muscle tissue. 70% solution.
Part No. F2501162, 250 ml bottle.
Part No. F2501165, 500 ml bottle.
Part No. F2501189, 4 litre bottle.

GREEN ANTISEPTIC SOAP

•A surgical clean-up soap ideal for first aid kits, industrial first aid rooms, medical clinics and hospital.
Part No. F2550150, 50 ml bottle.
Part No. F2550162, 250 ml bottle.
Part No. F2550165, 500 ml bottle.

HYDROGEN PEROXIDE

•Cleansing solution for minor cuts and abrasions. 3% solution.
Part No. F2502160, 100 ml bottle.
Part No. F2502162, 250 ml bottle.
Part No. F2502165, 500 ml bottle.

ALCOHOL WIPES

•Individual pads saturated in 70% isopropyl alcohol. Ideal for skin cleansing for injection and I.V. attachments. Packaged in a foil pouch. Ideal for use in first aid kits and rooms.
Part No. F2520761, Alcohol wipes - box/200.
Part No. F2520760, Alcohol wipes - box/100.
Part No. F2520810, Alcohol wipes - box/10.

BZK ANTISEPTIC TOWELETTES

•For use wherever antiseptic cleansing/refreshing is needed. Antiseptic Benzalkonium. Sting free for sensitive areas.
Part No. F2523760, Towelettes - box/100.
Part No. F2523812, Towelettes - box/12.

HAND CLEANSING TOWELETTES

•Cleans and refreshes hands, face and body without soap and water. Contains mild cleansing solution.
Part No. F2528760,Towelettes - box/100.
Part No. F2528812, Towelettes - box/12.

STING STOP PADS

•Antiseptic pad for insect bites. Helps relieve itchiness and pain.
Part No. F2525860, Sting pads - box/100.
Part No. F2525810, Sting pads - box/10.

IODINE OINTMENTS/WIPES

•Aids in the prevention of infection in burns, cuts and abrasions; catheter care. Topical ointment.
Part No. F2524760, Wipe pads - box/100.
Part No. F3004762, Ointment packette .05 oz. - box/250.
Part No. F3004810, Ointment packette .05 oz. - box/10.

SENIOR TONGUE DEPRESSORS

Part No. F1220760, Depressors - box/100.

ANTISEPTIC CREAMS

•First Aid Cream: odourless, water soluble antiseptic cream. Cetrimide as an active ingredient. For minor cuts, wounds, abrasions •Petroleum Jelly: a soothing ointment for any minor skin problems, scalds, chapped lips, dry skin.
Part No. F3001125, First Aid Cream - 25 grams.
Part No. F3007164, Petroleum Jelly - 460 ml.
Part No. F3007191, Petroleum Jelly - 2 kg.

TOPICAL SPRAYS & LOTIONS

Antiseptic Spray - Cetrimide Antiseptic Spray is a topical antiseptic for minor cuts, scratches, minor burns and skin irritations. 100 ml.
Part No. F2504160.

No Bleed®- is a mild antiseptic and coagulant that helps stop minor bleeding from cuts and abrasions. 25 ml.
Part No. F2506125.

First Aid Spray - Antiseptic solution containing a mixture of benzocaine and isopropyl alcohol. Ideal for first aid treatment of minor burns, sunburn and scalds. 120 ml.
Part No. F2505160.

Bactine® First Aid & Burn Squeeze Bottle - helps cleanse wounds, prevent infection and relieve pain and itching caused by sunburn, minor burns, abrasions, insect bites, poison ivy, etc. 120 ml.
Part No. F3025160.

SUNDRIES

Part No. F3030160, ASA tablets - bottle/100.
Part No. F3031160, Acetaminophen regular - bottle/100.
Part No. F3035160, Tylenol® regular strength - bottle/100.
Part No. F3036160, Tylenol® extra strength - bottle/100.
Part No. F3040160, Advil® - bottle/100.
Part No. F3045764, Cepacol® throat lozenges - box/400.

FIRST AID POCKET GUIDE & ACCIDENT RECORD BOOKS

Part No. F3081100, First aid pocket guide.
Part No. F3084100, Accident record book.

FIRST AID BLANKETS

•First Aid Blanket: ideal for first aid rooms, stretchers. Rescue Blanket: disposable pocket size blanket that can be used to help retain individual body heat in cold temperatures. Applicable for all first aid kits.
Part No. F6503401, First Aid Blanket, 41" x 72" - stretcher size.
Part No. F6502401, Disposable Blanket, 60" x 72".
Part No. F6501401, Rescue Blanket Sheet, 56" x 80".

F6502401

F6501401

HOT & COLD PACKS

•Economy instant hot or cold packs for immediate relief and re-usable microwavable hot and cold packs. Flexible easy to use.
Part No. F4002100, Large instant cold pack, 10" x 6".
Part No. F4001100, Small instant cold pack, 7" x 4½".
Part No. F4020100, Large hot pack, 10" x 6".
Part No. F4006100, Reusable hot/cold pack, 10" x 5".

MULTI-PURPOSE SPLINTS

•Wire Splints: can be easily shaped for contour fit.
Part No. F6001801, Wire splint, 12".
Part No. F6005100, 2" x 11½" wood splint.
Part No. F1213801, Splint padding, 5" x 9".
Part No. F6011100, Finger applicator, plastic.

MULTI-PURPOSE SPEED SPLINT® KIT

•Very versatile, can be used on foot, ankle, lower leg, knee, hand, wrist, lower arm, elbow or upper arm. One size fits all.
Part No. F6021301.

FIRST AID INSTRUMENTS

Part No. F3501110, Economy scissors - 4".
Part No. F3503115, Paramedic style universal scissors - 5½".
Part No. F3553506, Safety pins - pkg/6.
Part No. F3553512, Safety pins - pkg/12.
Part No. F3529109, Tweezers - 3½".
Part No. F3531109, Splinter tweezers - 3½".

BIO-HAZARD BAG

•Red, 24" x 24"
Part No. F3240100.

DISPOSABLE GLOVES

•1 pair
Part No. F3404501.

Eye Care

EMERGENCY EYEWASH STATIONS

•Designed for areas without plumbing. Complete station can be readily mounted on the wall in any hazardous work area.
Part No. F4560701, 32 oz. eyewash station.
Part No. F4558701, 16 oz. eyewash station.
Part No. F4565701, 32 oz. double eyewash station.
Part No. F4570301, 32 oz. eyewash bottle - empty.
Part No. F4573301, 16 oz. eyewash bottle - empty.

EYEWASH (STERILE) - BORIC ACID 2½% W/V

•Designed for cleansing and rinsing of eyes affected by dust, pollutants, non-toxic chemicals.
Part No. F4501165, 500 ml bottle.
Part No. F4501169, 1 litre bottle.
Part No. F4501189, 4 litre bottle.

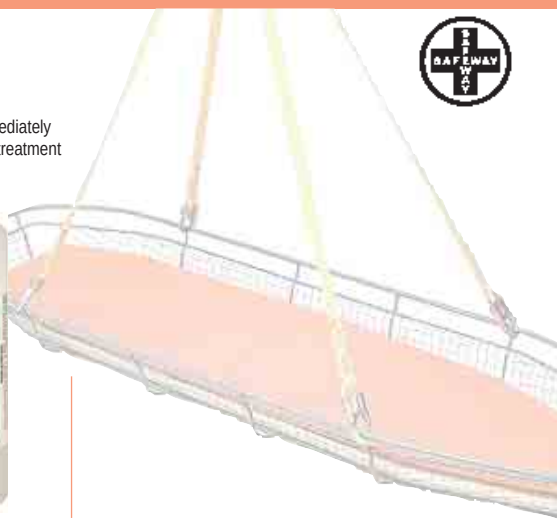
Eye Care

EYE LOTIONS, DROPS & EYE DRESSING KITS

•For relief of irritation from dust, smoke, pollutants, wind burn, welder's flash.
Part No. F4584130, Sterile eye drops - 30 ml.
Part No. F4579763, Optrex® eye lotion - 300 ml bottle.
Part No. F4589801, Eye dressing kit - eye pad, eye shield, sterile eye drops.
Part No. F4588100, Eye pad, 2-1/8" x 2-3/8".

NEUTRALITE® FACE & BODY WASH FOR CHEMICAL BURNS

•Designed to splash over all parts of your body to immediately neutralize acids and alkalis. Ideal product for first aid treatment of chemical splash.
Part No. F4505160, 100 ml bottle.
Part No. F4505169, 1 litre bottle.



CPR Emergency Essentials; Stretchers, First Aid Cabinets, & Fire Blankets

MTM® SHIELD RESUSCITATOR W/ GLOVES

•One-way valve with patient exhaust port delivers performance in excess of minimum requirement of 800 ml of air inflation. Soft faceshield allows excellent seal on all patients. Heavy duty, weatherproof bag with belt loop and key ring.
Part No. F7591N140.

MTM® MOUTH TO MASK

•One-way valve with patient exhaust port delivers tested average of 1110 ml of air per inflation. Sized to fit both adults and children. Includes oxygen ports for use with supplementary oxygen. Headstrap to help maintain position. With case, gloves, wipes, and instructions.
Part No. F5013401.

DISPOSABLE RESUSCITATION SHIELD

•Excellent training aid. Credit card size package. Provides protection from cross infection for student training. Packages in an easy to open polyethylene pouch.
Part No. F5001401.

STRETCHERS

Part No. F6051401, Aluminium Pole Stretcher - made of sturdy poles, rugged aluminium cross spreader bars, complete with feet. 18 oz. nylon coated bed. 81" x 21½" x 5½".

Part No. F6055701, Double Fold Pole Stretcher - same construction as pole stretcher. Folds in half for easy storage. 81" x 21½" x 5½".

Part No. F6072100, Wire Basket Stretcher - made of steel, all welded rigid construction which does not rely on injured person to attain form or rigidity. Light in weight and ample size.

Part No. F6073100, Mattress - for #F6072100.

Part No. F6066100, Full Spine Board - full body length. Ideal for swimming areas, and first aid stations. Smooth finish with protective coating for long term care. Complete with straps.

Part No. F6069503, Straps For Spine Board - set of 3.

METAL FIRST AID CABINETS

•White baked enamel finish. Comes with handle and wall mount bracket. Withstands extreme abrasive conditions, i.e. weather, chemicals. Ideal choice for a first aid station.
Part No. F0515250, Metal cabinet contains 1 shelf 12"W x 15½"H x 4"D.
Part No. F0515650, Metal cabinet contains 2 shelves 15½"W x 20"H x 6"D.
Part No. F0515751, Metal cabinet contains 3 shelves plus pull out tray with lock 18"W x 27"H x 8½"D.
Part No. F0515750, Metal cabinet contains 3 shelves plus pull out tray without lock 12"W x 27"H x 8½"D.
Part No. F0515950, Metal cabinet contains 3 shelves (2 adjustable) 15"W x 16½"H x 5½"D.

FIRE BLANKETS IN PLASTIC CONTAINERS

•Tear resistant woven glass fibres provide the highest quality in fire blankets. BSI approved. Available in white solid plastic containers complete with triangle clip for vertical suspension. Designed for blanket Quick Release
Part No. 390020, 6 ft. x 5 ft.

FIRE BLANKETS IN PVC FLATPAKS

•Tear resistant woven glass fibres provide the highest quality in fire blankets. BSI approved. Available in popular high quality Quick Release red PVC container which neatly holds each blanket ready for immediate use. These containers are highly efficient, very effective in any situation.
Part No. 390000, 6 ft. x 5 ft.
Part No. 390010, 4 ft. x 4 ft.

fend·all
World leaders in emergency eyecare.

PORTA STREAM® I

•The Porta Stream® I delivers solution at ambient temperature to provide six minutes of uninterrupted, hands-free flushing. The gravity fed flow begins immediately when the nozzle pull strap is removed. This portable unit may also be mounted on a table or mobile cart. Complete with emergency eyewash sign.
Part No. 100, Includes #509 Eyesaline concentrate, mix with potable water and change every six months.

PORTA STREAM® II

•The Porta Stream® II delivers solution at ambient temperature to provide 15 minutes of uninterrupted, hands-free flushing. The gravity fed flow begins immediately when the nozzle pull strap is removed. Hanging bracket permits easy installation on vertical surfaces, or installs on a horizontal surface. Exclusive "full-flow" nozzles cover a wide area around the eyes. SEI certified to meet ANSI Z358.1 requirements. Complete with hanging bracket and inspection tag.
Part No. 200, Includes #513 Eyesaline concentrate, mix with potable water and change every 6 months.
Part No. 230, Includes #1100 Defend water preservative, mix with potable water and change every 4 months.

PORTA STREAM® III

•The Porta Stream® III is designed for indoor/outdoor use. It holds 15 gallons of Eyesaline solution at a thermostatically controlled temperature, and provides 15 minutes of uninterrupted flushing. The fluid heating system makes this unit ideal for use where temperatures are below 22°C and will work in temperatures down to -36°C. This unit is protected by a fitted, insulated cover and warmed by twin, 600-watt, 110 volt heaters. SEI certified to meet ANSI Z358.1 requirements. Complete with emergency eyewash sign.
Part No. 310, Includes #513 Eyesaline concentrate, mix with potable water and change every 6 months.

FLASH FLOOD®

•Is intended for immediate, hands free eye flushing, and should be located near work place hazards. Remove the pull strap to start the flow of Eyesaline® flushing solution. Dual nozzles flush both eyes simultaneously. The Flash Flood delivers Eyesaline solution from a one gallon cartridge. When the cartridge is inserted in the base unit, the cartridge seal is broken and the Flash Flood is ready to deliver eyewash solution for three minutes at a rate of .33 gallons per minute. Cartridge replacement is quick and easy. Wall mountable. Replace cartridge after unit is actuated, or once every six months.
Part No. 400.

Replacement Cartridges

•One gallon cartridges of Eyesaline® Solution ready for use. Sold as each.
Part No. 401.

Wire Storage Rack

•Wire rack holds four one gallon Flash Flood cartridges.
Part No. 402.

Flash Flood pictured with #401 and #402

PUREFLOW 1000®

•Is the most economical eyewash station available. Twenty four month cartridge life. No special plumbing is needed, and the system mounts easily with one bracket. When a cartridge change is required, doing so takes less than five minutes. Waste flushing fluid captured for easy disposal. The Eyesaline solution for the PureFlow 1000 is contained in replaceable delivery modules that remain sealed until activated. A unique nozzle provides a soft "ribbon" of Eyesaline at ambient temperature. Flow exceeds 0.4 gpm for the entire 15 minute cycle. An expiration date is displayed on the pull strap and a "Service Immediately" warning appears when the delivery module has been emptied.
Part No. 1000.

Replacement Cartridges

•PureFlow 1000® fluid cartridges. 1 set of 2 cartridges.
Part No. 1050.

EYESALINE® CONCENTRATE

•Is specifically formulated to be mixed with clean potable water. Concentrate mixes quickly with water to provide a preserved, buffered, saline solution. Mixing ratio: ten parts water to one part concentrate.
Part No. 513, 5.3 litre for 14 to 16 gallon units (#200, #310).

Part No. 509, 2.1 litre for 5 to 7 gallon units (#100).

DEFEND WATER PRESERVATIVE

•To inhibit the growth of bacteria in self-contained eyewash stations up to 120 days.
Part No. 1100, 237 ml. for 14 to 16 gallon units (#230).

FEND•ALL
Emergency Eyewash Products

fend•all
World leaders in emergency eyecare.

WASTE FLUID DISPOSAL CART
•This heavy duty polyethylene, wheeled disposal cart provides an easy means for collecting used flushing fluid at the emergency eyewash station. The top surface of the disposal cart is concave with a centre drain for improved fluid collection. The cart has dual wheels and a molded in handle for ease of movement. Use with #100, #200, #310.
Part No. 511.

PORTA STREAM® DUST COVER
•Protect the eyewash basin of your Porta Stream® from dirt, dust and debris. The dust cover attaches to the eyewash pull strap, so the cover and pull strap are removed in one motion. The dust cover installs easily, using four Velcro tabs. These tabs hold the cover securely in place until activation. Use with #100, #200, #230.
Part No. 517.

UNIVERSAL CART
•The universal cart provides portability for self contained gravity fed emergency eyewash stations. Classic hand truck design ensures easy movement to hazard sites.
Part No. 1060.

Part No. 1061, Waste Container.

Shown: Porta Stream, waste container, and universal cart

EMERGENCY DECONTAMINATION SHOWER
•Designed to provide decontamination facilities in accordance with OSHA standard 1910.120 without distracting emergency responders from their primary task. It is ideal for a variety of locations, including construction sites, loading docks, agricultural locations and other emergency response areas. Light weight compact shower and retention pool require no assembly. Pool and shower can be stored in convenient carrying bags on virtually any response vehicle. Pool and shower can be made fully operational in less than two minutes by one person. No tools are required for set up. The optional drench hose can be used to assist the emergency responder or victim with decontamination or drenching. Shower is designed to connect to a standard garden hose.
Part No. 1180, Shower.
Part No. 1181, Shower Bag.
Part No. 1182, Pool.
Part No. 1183, Pool Bag.
Part No. 1184, Drench Hose.

Shower #1180 and Pool #1182 shown

NORTH
Eye Care & First Aid Products

NORTH

EMERGENCY EYEWASH STATIONS
Wall stations provide job site convenience and immediate accessibility. Visible with full emergency use instructions in front. Constructed of sturdy high impact plastic. Holds 1 or 2 sealed or eye cup bottles. Four pre-drilled holes make wall mounting easy. Ideal for high eye hazard areas.

16 OZ. SINGLE BOTTLE EYEWASH STATION
•Includes: (1) panel, (1) 16 oz. (500 ml) empty bottle with spill spout and eye cup. •11" x 14".
Part No. E/A3827.

32 OZ. SINGLE BOTTLE EYEWASH STATION
•Includes: (1) panel, (1) 32 oz. (1 litre) empty bottle with spill spout and eye cup. •14" x 17" with mirror
Part No. E/A3825.

32 OZ. DUAL BOTTLE EYEWASH STATION
•Includes: (1) double panel, (2) 32 oz. (1 litre) empty bottles with spill spout and eye cup. •14" x 17"
Part No. E/A3826.

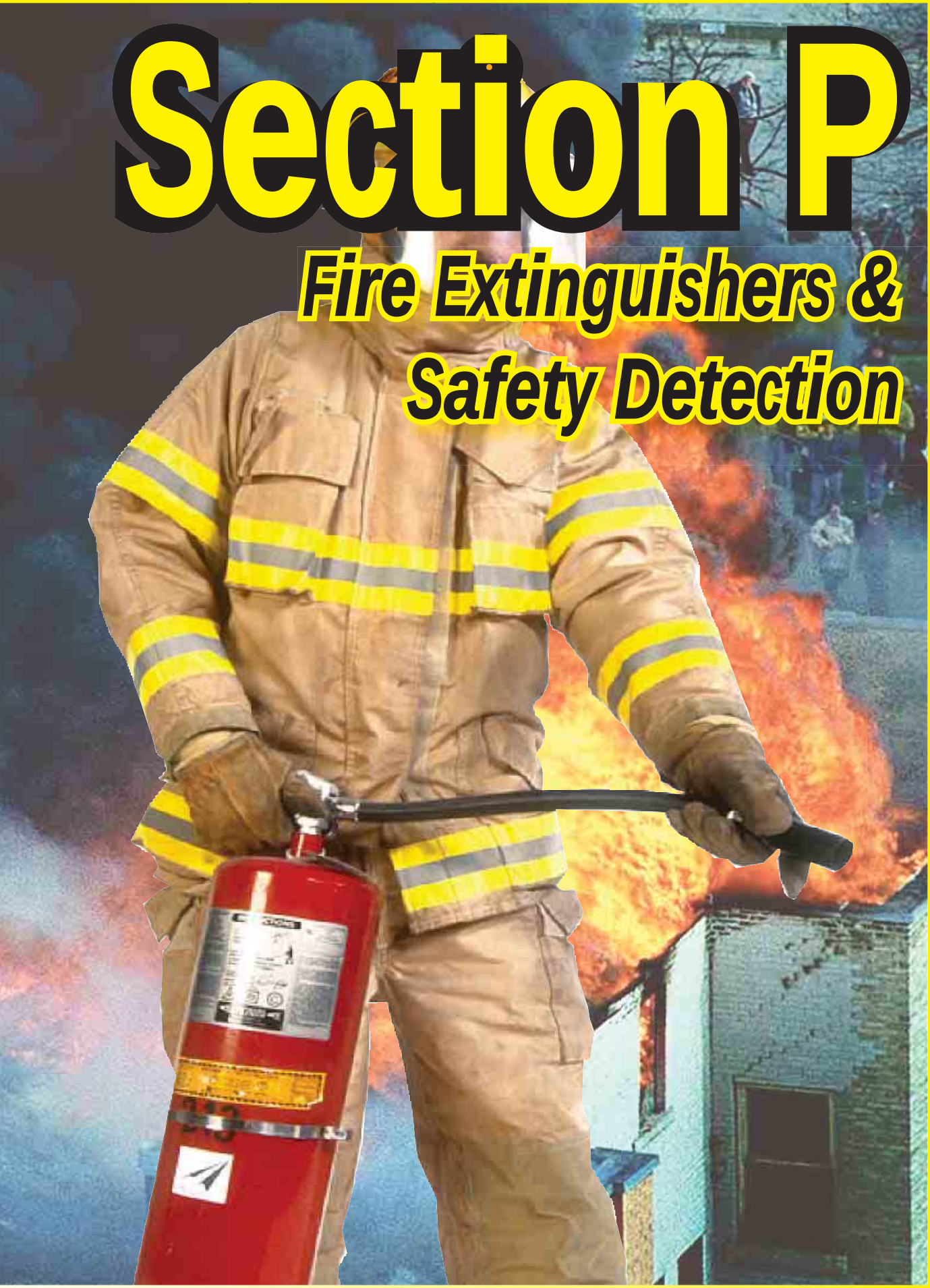
EYEWASH BOTTLES
•Empty eyewash bottles with spill spout and eye cup
Part No. E/A3836, 16 oz. (500 ml).
Part No. E/A3835, 32 oz. (1 litre).

EYEWASH SOLUTION
•Sterile Isotonic
Part No. E/1507AISO, 16 oz. (500 ml).
Part No. E/1507BISO, 32 oz. (1 litre).
Part No. E/1507CISO, 128 oz. (4 litres).

AUTOMATED EXTERNAL DEFIBRILATOR (AED)
An Automated External Defibrilator is a medical device that automatically analyzes a cardiac arrest victim's heart rhythm and advises a user to deliver a shock when appropriate
Part No. D/9300E501, Powerheart AED G3.
Part No. D/9131001, Adult defibrilator electrodes.
Part No. D/1686000001, Carrying case for AED.
Part No. D/1802020001, AED wall storage case.

Section P

Fire Extinguishers & Safety Detection



CELEBRATING 40 YEARS
40
1968
Gregg
2008

FLAG
Fire Extinguishers

PART NO.	MODEL NO.	DESCRIPTION	DIA.	WIDTH	HEIGHT	ULC RATING
•ABC DRY CHEMICAL, STORED PRESSURE						
552921	ABC 025-D-V	2½ lb. c/w vehicle bracket	3”	4.5”	16”	1A, 10BC
552922	ABC 050-J-V	5 lb. c/w hose and vehicle bracket	4.25”	5.5”	16.5”	3A, 10BC
552934	ABC 050-K-V	5 lb. c/w hose and vehicle bracket	4.25”	5.5”	17.8”	3A, 40BC
552923	ABC 050-J	5 lb. c/w hose and wall bracket	4.25”	5.5”	16.5”	3A, 10BC
552933	ABC 050-K	5 lb. c/w hose and wall bracket	4.25”	5.5”	17.8”	3A, 40BC
552939	ABC 10	10 lb. c/w wall bracket	5-27/32”	8.5”	18.5”	4A, 60BC
552947	ABC 20	20 lb. c/w wall bracket	7-7/32”	9.5”	22.5”	10A, 120BC
•STANDARD DRY CHEMICAL, STORED PRESSURE						
552942	PDC 10	10 lb. c/w wall bracket	5-27/32”	8.5”	18.5”	40BC
552948	PDC 20	20 lb. c/w wall bracket	7-7/32”	9.5”	22.5”	80BC
•PURPLE-K DRY CHEMICAL, STORED PRESSURE						
552943	PKD 10	10 lb. c/w wall bracket	5-25/32”	8.5”	18.5”	80BC
553080	PKD 20	20 lb. c/w wall bracket	7”	10”	24”	120BC
•CARBON DIOXIDE, STORED PRESSURE						
552087	C02 050H	5 lb. c/w wall bracket	5.25”	10”	20”	5BC
552088	C02 10H	10 lb. c/w wall bracket	6.75”	12.6”	24.75”	10BC
552089	C02 15H	15 lb. c/w wall bracket	6.75”	12.5”	29.5”	10BC
552090	C02 20H	20 lb. c/w wall bracket	8”	13.5”	28.25”	10BC
•K CLASS, STORED PRESSURE						
552500	Kitchen One™	6 litre Kitchen Fire S/S				1A. K
•WATER - PRESSURIZED WATER - PUMP TANKS						
552501	PWS 25F	2.5 US gallon pressurized water	7”	8”	25.5”	2A

Fire Extinguisher Accessories

•Surface mounted economy type cabinets are steel, painted white. Supplied complete with scored front plexiglass, break glass decal, breaker bar and chain.
•Brackets are universal heavy duty type.

PART NO.	MODEL NO.	DESCRIPTION	DIMENSIONS
551936	FXC-5T	Cabinet, accommodates 2-1/2, 5, and 6 lb. dry chemical	5” x 8” x 20.5”
551937	FXC-10	Cabinet, accommodates 10 lb. dry chemical	6.25” x 10.5” x 24”
551938	FXC-20	Cabinet, accommodates 20 lb. dry chemical and PWS-25	9” x 14.2” x 30.25”
551958	-	Universal vehicle bracket, fits 5 and 10 lb. sizes	4” to 5.5”
551952	-	Bracket, 10 lb. dry chemical/CO2-5 lb.	5.5” to 6”
551953	-	Bracket, 20-30 lb. dry chemical/CO2-10-15/PWS-25	6.5” to 7.5”
551959	-	Bracket, CO2-20 lb.	8”
551951	-	Bracket, 20-30 lb. cartridge operated	8”

FLAG FIRE

FIRE INFORMATION

CLASS A
Class A fires are the most common in homes and offices. They involve ordinary combustibles such as wood, paper, cloth, rubber, trash, and other common materials.

CLASS B
Class B fires involve flammable liquids and gases — natural and manufactured gas, oil, gasoline, grease, paint, lacquers, tars, and other synthetic or oil-based products. They're very explosive, spread rapidly, and can be re-ignited by heat even after the flames are out.

CLASS C
Class C fires are those involving live electrical equipment, such as wiring, controls, telephone or data processing panels, and motors. They can start with a spark, a short circuit, or a power surge — often in places hidden from sight.

STRIKE FIRST
Dry Chemical Fire Extinguishers

PART NO.	GROUP	DESCRIPTION	DIA.	WIDTH	HEIGHT
MSF2ABC	Aluminum	2 lb. unit c/w vehicle mounting bracket - ULC approved - rated 1A, 5BC	2-7/8"	3¾"	12-7/8"
WBDLABC2.5VB	Steel	2½ lb. unit c/w vehicle mounting bracket - ULC approved - rated 1A 5BC	3-1/8"	3¾"	15¼"
WBDLABC5WH	Steel	5 lb. unit c/w hose and wall mounting bracket - ULC approved - rated 3A 10BC	4¼"	6¾"	14½"
WBDLABC5VB	Steel	5 lb. unit c/w hose and vehicle mounting bracket - ULC approved - rated 3A 10BC	4¼"	6¾"	14½"
WBDLABC10WH	Steel	10 lb. unit c/w hose and wall mounting bracket - ULC approved - rated 6A 80BC	5-1/8"	9½"	21¼"
WBDLABC20WH	Steel	20 lb. unit c/w hose and wall mounting bracket - ULC approved - rated 10A 120BC	7-1/8"	9½"	24"
WBDLABC30WH	Steel	30 lb. unit c/w hose and wall mounting bracket - ULC approved - rated 10A 120BC	7-1/8"	10½"	30-5/8"

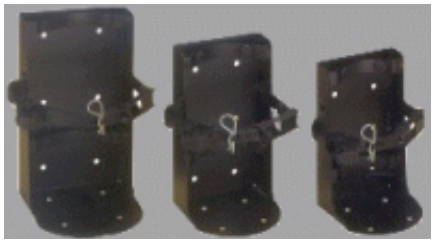
STRIKE FIRST
FIRE EXTINGUISHERS

PRESSURIZED WATER

Pressurized water for Class A fires. •Squeeze grip operation •Positive on/off operation •Pull pin safety lock •Brass chrome plated valve body •Waterproof stainless steel gauge •Tire valve for pressurizing •2A rating •44 to 55 ft. range •Stainless steel container
Part No. WBPW250.

FIRE EXTINGUISHER BRACKETS

Heavy Duty Vehicle Brackets - strong Uni-body construction. Scotchlite™ reflective label for added safety. Stainless steel pull pin. Rounded corners for added safety. Super durable polyester powder coat finish.
Part No. HDVB-1, Fits fire extinguisher with shell diameter 4" to 4¾". For models WBSFABC5, WBDLABC5.
Part No. HDVB-2, Fits fire extinguisher with shell diameter 5" to 6". For models WBSFABC10, WBDLABC10.
Part No. HDVB-3, Fits fire extinguisher with shell diameter 6¼" to 7-1/8". For models WBDLABC20.
Part No. HDVB-4, With 2 straps and is 25" high. For model WBDLABC30.



FIRE INFORMATION

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CLASS C
Class C fires are those involving live electrical equipment, such as wiring, controls, telephone or data processing panels, and motors. They can start with a spark, a short circuit, or a power surge — often in places hidden from sight.

RS STEEL FIRE EQUIPMENT
Fire Extinguisher Accessories

RECHARGE CHEMICAL

Meets the requirements of CAN/ULC S 514 M88 powder specifications.
Part No. ABC-P, ABC Recharge Chemical (siliconized multi-purpose mono-ammonium phosphate /sulfate base). 45 lb. plastic pail.
Part No. BC-P, BC Recharge Chemical (siliconized sodium bicarbonate). 50 lb. plastic pail.
Part No. PK-P, PK Recharge Chemical (siliconized purple K potassium bicarbonate). 50 lb. plastic pail.

5 LB. FIRE EXTINGUISHER COVERS

With elastic back and pull bottom tab for removal. Fluorescent red.
Part No. E-FEC-5NW, No window.
Part No. E-FEC-5, Window.

10, 20, & 30 LB. FIRE EXTINGUISHER COVERS

With black imprint and black trim. Made in reinforced vinyl, with Velcro closures. Fluorescent red.

10 lb. - 20"H x 12"W
Part No. E-FEC-10NW, No window.
Part No. E-FEC-10, Window.

20 lb. - 25"H x 16"W
Part No. E-FEC-20NW, No window.
Part No. E-FEC-20, Window.

30 lb. - 30"H x 16"W
Part No. E-FEC-30NW, No window.
Part No. E-FEC-30, Window.

50, 75, 150 & 350 LB. WHEEL UNIT COVERS

Durable equipment protection. Helps prevent tampering. Fast and easy to remove.
Easy to spot location. Made in reinforced vinyl. Fluorescent red.
Part No. E-WFE-75, 50 lb. & 75 lb. CO_2 wheeled unit cover, 54"H x 26"W x 16"D
Part No. E-WFE-150, 150 lb., 53"H x 42"W x 30"D
Part No. E-WFE-350, 350 lb., 58"H x 52"W x 38"D

METAL FIRE EXTINGUISHER CABINETS

•Complete with cylinder lock keyed alike •Baked with enamel finish •Acrylic plastic scored viewing panel •Break glass hammer and chain •Made of galvanized steel
Part No. C-100, Accommodates 5 lb. Dry chemical. Dimensions: 8"W x 17"H x 5"D.
Part No. C-999, Accommodates 10 lb. Dry chemical. Dimensions: 10-9/16"W x 24-5/16"H x 6-9/16"D.
Part No. C-104, Accommodates 20 lb. Dry chemical or a 10 lb. CO_2 and 2½ gallon pressure water. Dimensions: 14"W x 30"H x 9"D.

Plastic Fronts & Accessories

Part No. PF-104, Plastic Front for # C-104 cabinet - 27-7/8" x 13-11/16".
Part No. PF-999, Plastic Front for # C-999 cabinet - 22-1/16" x 10-3/8".
Part No. PF-100, Plastic Front for # C-100 cabinet - 19¾" x 8".
Part No. BGH, Break Glass Hammer and Chain.
Part No. BL-106, Break Glass Sticker.

UNIVERSAL RUNNING BOARD VEHICLE BRACKETS

Welded steel construction with catch pin to keep bracket from vibrating open. Pin must be pulled prior to extinguisher removal.
Part No. VB-4, Fits fire extinguisher with shell diameter 4" to 4½".
Part No. VB-5, Fits fire extinguisher with shell diameter 4¾" to 5¼".
Part No. VB-6, Fits fire extinguisher with shell diameter 5½" to 6".
Part No. VB-7, Fits fire extinguisher with shell diameter 6¼" to 6¾".
Part No. VB-8, Fits fire extinguisher with shell diameter 6¾" to 7¼".

UNIVERSAL VEHICLE BRACKETS

Part No. V-2, Universal Vehicle Bracket fits most 2½ and 2¾ lb. units.
Part No. V-5, Universal Vehicle Bracket fits most 5 and 6 lb. units.

CARTRIDGE OPERATED VEHICLE BRACKETS

Heavy duty steel bolted construction design. Latch will not vibrate open. Pin must be pulled prior to extinguisher removal.
Part No. AG20C, ANSUL and GENERAL 20 lbs. style cartridge operated bracket.
Part No. AG30C, ANSUL and GENERAL 30 lbs. style cartridge operated bracket.
Part No. RBP, Rubber Bumper Pad fits all brackets

AG20C

AG30C

RBP

OTTAWA BRASS LTD.

Back Pack – Pump Tanks & Accessories

5 GALLON (US) THICK WALLED POLYETHYLENE TANK BACK PACK

Completely corrosion resistant. The "non slosh" design, moulded to fit the body ensures comfort, balance and stability. The high capacity slide pump is manufactured of brass, stainless steel and bronze and incorporates a jet/mist spray nozzle. Weighs only 9½ lbs.
Part No. MODEL20.

5 GALLON (US) DOUBLE WALLED NYLON TANK BACK PACK

Features a tough and replaceable inner bladder that provides extra puncture resistance, making the tank cost effective, light, easy to store and repair. It incorporates the same sliding pump as found on Part No. MODEL20. Padded shoulder straps, with quick detachable buckles, is designed to distribute weight from your shoulders down to your back, which provides a higher level of comfort. Weighs only 4½ lbs.
Part No. MODEL30.

REPLACEMENT PARTS

Part No. P-5, Ball valve.
Part No. P-6, Valve plate.
Part No. P-9, Valve spring.
Part No. P-11-5, Small o-ring.
Part No. P-12, Large o-ring.
Part No. P-15 , Flat rubber washer.
Part No. P-16, Spray nozzle.
Part No. T-5, Strainer cup for #MODEL20.
Part No. T-8, Lid for tank w/ chain for #MODEL20.
Part No. B-3, Inner bladder w/ cap for #MODEL30.

AMERICAN SENSORS

Smoke/Fire Alarms & Carbon Monoxide Alarms

EASY TOUCH™ - ALARM PAUSE® SMOKE ALARM

•9 volt battery operated •85 dB alarm •lighted power indicator •low battery signal •ionization sensor •alarm-pause feature to silence nuisance alarms for up to 10 minutes •recommended for use in kitchen areas but suitable for any room •10 year warranty •UL, ULC, and CSA approved
Part No. SA320KC.

EMERGENCY LIGHT SMOKE & FIRE DETECTOR

•9 volt battery operated •85 dB piezo electric alarm •lighted power indicator •low battery signal •ionization sensor •3.5 candle power emergency light •excellent for hallways, stairways, and exit door areas •10 year warranty •UL, ULC, and CSA approved
Part No. SA358KC.

PHOTOELECTRIC SENSING SMOKE & FIRE DETECTOR

•9 volt battery operated •85 dB piezo electric alarm •lighted power indicator •low battery signal •photoelectric sensor •ideal for kitchens or anywhere slow smoldering fires may occur •10 year warranty •UL, ULC, and CSA approved
Part No. SA388KC.

INTERCONNECTABLE 120 VOLT HARDWIRE/ BATTERY BACK-UP SMOKE ALARM

•120 volt AC hardwire with 9 volt battery back-up (battery included) •rear battery compartment "tamper resistant" •Alarm-Pause® feature •Interconnectible up to 18 units (12 smoke alarms and 6 compatible devices combined) •alarm source indicator •alarm and power test feature and LEDs •low battery warning •tamper resistant "Lock-It" key mounting hardware included •ionization technology •10 year limited warranty (battery excluded) •meets applicable standards •UL approved
Part No. 670LBX.

PORTABLE OR WALL MOUNT CARBON MONOXIDE ALARM

•9 volt battery operated •low battery warning •85 dB alarm •low level warning •hazard level alarm •self-diagnosing circuitry •test/reset feature •alarm/low battery indicator light •continuous air quality diagnosis sensor •5 year warranty •UL and CSA approved
Part No. FCD3NCNA.

120 VOLT AC PLUG-IN CARBON MONOXIDE ALARM

•120 volt AC plug-in with 9 volt battery back-up •unique 90° rotating plug •85 dB alarm •digital LED display •hazard level alarm •low level warning •self diagnosing circuitry •power, alarm, low back-up power indicators •instant test/reset feature •semi-conductor sensor •5 vear warranty •UL and CSA approved
Part No. CO920KC.

S-TECH

Carbon Monoxide, Propane, & Natural Gas Detectors

R.V. & MARINE CARBON MONOXIDE DETECTOR

•12 volt DC direct hard wire •85 dB alarm •lighted power and alarm indicators •low battery warning •test/reset button •UL, ULC, and CSA approved •1 year limited warranty
Part No. STCO-4000.

CARBON MONOXIDE DETECTOR

•120 volt AC plug-in •85 dB alarm •lighted power and alarm indicators •self diagnosing circuitry •test/reset button •UL, ULC, and CSA approved •5 year limited warranty
Part No. STCO-058.

R.V. & MARINE PROPANE GAS DETECTOR

•12 volt AC/DC direct hard wire •flush mount •85 dB alarm •power and alarm indicator lights •test/reset button •UL and CSA approved •1 year limited warranty
Part No. STCP-4000.

PROPANE GAS DETECTOR

•120 volt AC plug-in •85 dB alarm •power and alarm indicator lights •test/reset button •CSA approved •2 year limited warranty
Part No. STCP-1000.

NATURAL (METHANE) GAS DETECTOR

•12 volt DC direct hard wire •85 dB alarm •power and alarm indicator lights •test/reset button •self testing circuitry •ULC approved •2 year limited warranty
Part No. PSM-011.

NATURAL (METHANE) GAS DETECTOR

•120 volt AC (power cord) plug-in •85 dB alarm •power and alarm indicator lights •test/reset button •UL and CSA approved •2 year limited warranty
Part No. STCH-1000LC.

Section Q

Automotive & Heavy Duty Fleet Products

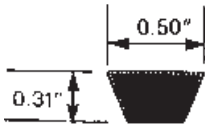
Look!
Fresh out of the crate!!
What's New In this Section?
We've highlighted new-product lines in this section with a "New" logo.
Please Note: Many existing product lines have been expanded and may not be listed on this quick index.
FRAGILE
HANDLE WITH CARE
Product Line
Procore Towing & Hitch Products ..... Q124 - Q126
Pro Ramps Heavy Duty Poly Car Ramps Q145
Snappi-Hookers Cold-Snap Rubber Tie-Down Straps Q171
Section Q
Gregg Distributors Ltd.

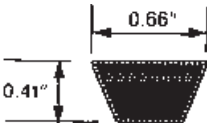
GOODYEAR INDUSTRIAL BELTS

Hy-T® Plus Matchmaker V-Belts

Since all materials -- rubber belts, metal chains, etc. -- will stretch in use, the secret to reliable performance isn't to eliminate elongation, but to control it so it is minimal, predictable, and uniform. To achieve this criteria, Goodyear developed the Vytacord® tensile cord member and an exclusive 3-T triple tempering process. The Vytacord construction provides the high strength, high horsepower rating capacity needed to effectively transmit the drive power. It's even tough enough to tolerate slight sheave misalignment that would quickly destroy ordinary belts.

The 3-T process removes excessive stretch and imparts exceptional dimensional stability. As a result, each belt of a given size will match every other belt of that size, no matter when it was produced. The exceptional dimensional stability of HyT Matchmaker, eliminates matching problems, improves performance and increases service life.





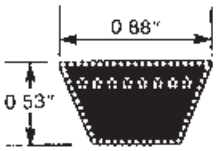
Part No.	Datum Length, Inches	Approx. Outside Length, Inches	Part No.	Datum Length, Inches	Approx. Outside Length, Inches
A20	21.3	22.0	A68	69.3	70.0
A21	22.3	23.0	A69	70.3	71.0
A22	23.3	24.0	A70	71.3	72.0
A23	24.3	25.0	A71	72.3	73.0
A24	25.3	26.0	A72	73.3	74.0
A25	26.3	27.0	A73	74.3	75.0
A26	27.3	28.0	A74	75.3	76.0
A27	28.3	29.0	A75	76.3	77.0
A28	29.3	30.0	A76	77.3	78.0
A29	30.3	31.0	A77	78.3	79.0
A30	31.3	32.0	A78	79.3	80.0
A31	32.3	33.0	A79	80.3	81.0
A32	33.3	34.0	A80	81.3	82.0
A33	34.3	35.0	A81	82.3	83.0
A34	35.3	36.0	A82	83.3	84.0
A35	36.3	37.0	A83	84.3	85.0
A36	37.3	38.0	A84	85.3	86.0
A37	38.3	39.0	A85	86.3	87.0
A38	39.3	40.0	A86	87.3	88.0
A39	40.3	41.0	A87	88.3	89.0
A40	41.3	42.0	A88	89.3	90.0
A41	42.3	43.0	A89	90.3	91.0
A42	43.3	44.0	A90	91.3	92.0
A43	44.3	45.0	A91	92.3	93.0
A44	45.3	46.0	A92	93.3	94.0
A45	46.3	47.0	A93	94.3	95.0
A46	47.3	48.0	A94	95.3	96.0
A47	48.3	49.0	A95	96.3	97.0
A48	49.3	50.0	A96	97.3	98.0
A49	50.3	51.0	A97	98.3	99.0
A50	51.3	52.0	A98	99.3	100.0
A51	52.3	53.0	A100	101.3	102.0
A52	53.3	54.0	A102	103.3	104.0
A53	54.3	55.0	A103	104.3	105.0
A54	55.3	56.0	A105	106.3	107.0
A55	56.3	57.0	A110	111.3	112.0
A56	57.3	58.0	A112	113.3	114.0
A57	58.3	59.0	A115	116.3	117.0
A58	59.3	60.0	A120	121.3	122.0
A59	60.3	61.0	A128	129.3	130.0
A60	61.3	62.0	A133	134.3	135.0
A61	62.3	63.0	A136	137.3	138.0
A62	63.3	64.0	A144	145.3	146.0
A63	64.3	65.0	A158	159.3	160.0
A64	65.3	66.0	A173	174.3	175.0
A65	66.3	67.0	A180	181.3	182.0
A66	67.3	68.0			
A67	68.3	69.0			

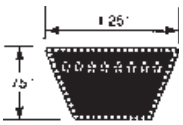
Part No.	Datum Length, Inches	Approx. Outside Length, Inches	Part No.	Datum Length, Inches	Approx. Outside Length, Inches	Part No.	Datum Length, Inches	Approx. Outside Length, Inches
B22	23.8	25.0	B70	71.8	73.0	B131	132.8	134.0
B23	24.8	26.0	B71	72.8	74.0	B133	134.8	136.0
B24	25.8	27.0	B72	73.8	75.0	B134	135.8	137.0
B25	26.8	28.0	B73	74.8	76.0	B136	137.8	139.0
B26	27.8	29.0	B74	75.8	77.0	B138	139.8	141.0
B27	28.8	30.0	B75	76.8	78.0	B139	140.8	142.0
B28	29.8	31.0	B76	77.8	79.0	B140	141.8	143.0
B29	30.8	32.0	B77	78.8	80.0	B141	142.8	144.0
B30	31.8	33.0	B78	79.8	81.0	B142	143.8	145.0
B31	32.8	34.0	B79	80.8	82.0	B144	145.8	147.0
B32	33.8	35.0	B80	81.8	83.0	B147	148.8	150.0
B33	34.8	36.0	B81	82.8	84.0	B148	149.8	151.0
B34	35.8	37.0	B82	83.8	85.0	B150	151.8	153.0
B35	36.8	38.0	B83	84.8	86.0	B153	154.8	156.0
B36	37.8	39.0	B84	85.8	87.0	B154	155.8	157.0
B37	38.8	40.0	B85	86.8	88.0	B155	156.8	158.0
B38	39.8	41.0	B86	87.8	89.0	B158	159.8	161.0
B39	40.8	42.0	B87	88.8	90.0	B160	161.8	163.0
B40	41.8	43.0	B88	89.8	91.0	B162	163.8	165.0
B41	42.8	44.0	B89	90.8	92.0	B164	165.8	167.0
B42	43.8	45.0	B90	91.8	93.0	B166	167.8	169.0
B43	44.8	46.0	B91	92.8	94.0	B169	170.8	172.0
B44	45.8	47.0	B92	93.8	95.0	B173	174.8	176.0
B45	46.8	48.0	B93	94.8	96.0	B175	176.8	178.0
B46	47.8	49.0	B94	95.8	97.0	B180	181.8	183.0
B47	48.8	50.0	B95	96.8	98.0	B185	186.8	188.0
B48	49.8	51.0	B96	97.8	99.0	B190	191.8	193.0
B49	50.8	52.0	B97	98.8	100.0	B195	196.8	198.0
B50	51.8	53.0	B98	99.8	101.0	B204	205.8	207.0
B51	52.8	54.0	B99	100.8	102.0	B205	206.8	208.0
B52	53.8	55.0	B100	101.8	103.0	B210	211.8	213.0
B53	54.8	56.0	B101	102.8	104.0	B212	212.3	213.5
B54	55.8	57.0	B103	104.8	106.0	B215	215.3	216.5
B55	56.8	58.0	B104	105.8	107.0	B218	218.3	219.5
B56	57.8	59.0	B105	106.8	108.0	B221	221.3	222.5
B57	58.8	60.0	B107	108.8	110.0	B225	225.3	227.0
B58	59.8	61.0	B108	109.8	111.0	B230	230.3	231.5
B59	60.8	62.0	B110	111.8	113.0	B235	235.3	236.5
B60	61.8	63.0	B111	112.8	114.0	B240	240.3	242.0
B61	62.8	64.0	B112	113.8	115.0	B255	255.3	257.0
B62	63.8	65.0	B114	115.8	117.0	B270	270.3	272.0
B63	64.8	66.0	B116	117.8	119.0	B285	285.3	287.0
B64	65.8	67.0	B118	119.8	121.0	B300	300.3	302.0
B65	66.8	68.0	B120	121.8	123.0	B315	315.3	317.0
B66	67.8	69.0	B122	123.8	125.0	B330	330.3	331.5
B67	68.8	70.0	B124	125.8	127.0			
B68	69.8	71.0	B126	127.8	129.0			
B69	70.8	72.0	B128	129.8	131.0			

BELT SIZE INFORMATION
Classical V-Belts: HY-T, TORQUE-FLEX

Section	Nominal Top Width	Angle	Lengths				
			Pitch Under 210"	Pitch Over 210"	Under 210"	**Outside**	Over 210"
A	1/2" (0.500)	42°	Plus 1.30	Plus 1.30	Plus 2.00		Plus 2.00
B	21/32" (0.656)	42°	1.80	0.30	3.00		1.50
C	7/8" (0.875)	42°	2.90	0.90	4.00		2.00
D	1-1/4" (1.250)	42°	3.30	0.80	5.00		2.50

Hy-T® Plus Matchmaker V-Belts





Part No.	Datum Length, Inches	Approx. Outside Length, Inches	Part No.	Datum Length, Inches	Approx. Outside Length, Inches	Part No.	Datum Length, Inches	Approx. Outside Length, Inches
C43	45.9	47.0	C106	108.9	110.0	C180	182.9	184.0
C51	53.9	55.0	C108	110.9	112.0	C183	185.9	187.0
C55	57.9	59.0	C109	111.9	113.0	C185	187.9	189.0
C57	59.9	61.0	C110	112.9	114.0	C188	190.9	192.0
C60	62.9	64.0	C112	114.9	116.0	C190	192.9	194.0
C64	66.9	68.0	C113	115.9	117.0	C192	194.9	196.0
C68	70.9	72.0	C115	117.9	119.0	C195	197.9	199.0
C70	72.9	74.0	C117	119.9	121.0	C202	204.9	206.0
C71	73.9	75.0	C118	120.9	122.0	C210	212.9	214.0
C72	74.9	76.0	C120	122.9	124.0	C214	214.9	216.0
C73	75.9	77.0	C124	126.9	128.0	C216	216.9	218.0
C75	77.9	79.0	C128	130.9	132.0	C221	221.9	223.0
C76	78.9	80.0	C131	133.9	135.0	C225	225.9	227.0
C78	80.9	82.0	C134	136.9	138.0	C229	229.9	231.0
C79	81.9	83.0	C136	138.9	140.0	C235	235.9	237.0
C80	82.9	84.0	C138	140.9	142.0	C240	240.9	242.0
C81	83.9	85.0	C139	141.9	143.0	C246	246.9	248.0
C83	85.9	87.0	C144	146.9	148.0	C248	248.9	250.0
C85	87.9	89.0	C147	149.9	151.0	C255	255.9	257.0
C86	88.9	90.0	C150	152.9	154.0	C270	270.9	272.0
C88	90.9	92.0	C151	153.9	155.0	C278	278.9	280.0
C90	92.9	94.0	C153	155.9	157.0	C280	280.9	282.0
C92	94.9	96.0	C154	156.9	158.0	C285	285.9	287.0
C93	95.9	97.0	C158	160.9	162.0	C300	300.9	302.0
C94	96.9	98.0	C160	162.9	164.0	C315	315.9	317.0
C96	98.9	100.0	C162	164.9	166.0	C330	330.9	332.0
C97	99.9	101.0	C164	166.9	168.0	C345	345.9	347.0
C98	100.9	102.0	C167	169.9	171.0	C360	360.9	362.0
C100	102.9	104.0	C169	171.9	173.0	C390	390.9	392.0
C101	103.9	105.0	C170	172.9	174.0	C420	420.9	422.0
C103	105.9	107.0	C173	175.9	177.0			
C105	107.9	109.0	C175	177.9	179.0			

Part No.	Datum Length, Inches	Approx. Outside Length, Inches	Part No.	Datum Length, Inches	Approx. Outside Length, Inches
D114	117.3	119.0	D255	255.8	257.5
D120	123.3	125.0	D270	270.8	272.5
D128	131.3	133.0	D285	285.8	287.5
D144	147.3	149.0	D300	300.8	302.5
D158	161.3	163.0	D315	315.8	317.5
D162	165.3	167.0	D330	330.8	332.5
D173	176.3	178.0	D345	345.8	347.5
D180	183.3	185.0	D360	360.8	362.5
D195	198.3	200.0	D390	390.8	392.5
D210	213.3	215.0	D420	420.8	422.5
D225	225.8	227.5	D480	480.8	482.5
D240	240.8	242.5	D540	540.8	542.5

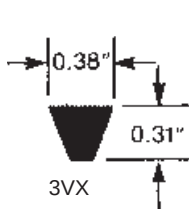
BELT SIZE INFORMATION
Classical V-Belts: HY-T, TORQUE-FLEX

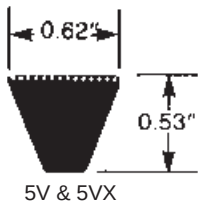
Section	Nominal Top Width	Angle	Lengths			
			Pitch Under 210"	Pitch Over 210"	Under 210" **Outside**	Over 210"
A	1/2" (0.500)	42°	Plus 1.30	Plus 1.30	Plus 2.00	Plus 2.00
B	21/32" (0.656)	42°	1.80	0.30	3.00	1.50
C	7/8" (0.875)	42°	2.90	0.90	4.00	2.00
D	1-1/4" (1.250)	42°	3.30	0.80	5.00	2.50

Hy-T Wedge® Matchmaker V-Belts

A narrower cross-section and stronger construction reduces drive costs.

Part No.	Effective Length, Inches	Part No.	Effective Length, Inches	Part No.	Effective Length, Inches	Part No.	Effective Length, Inches	Part No.	Effective Length, Inches
3VX250	25.0	3VX950	95.0	5VX630	63.0	5VX1060	106.0	5V900	90.0
3VX265	26.5	3VX1000	100.0	5VX650	65.0	5VX1080	108.0	5V950	95.0
3VX280	28.0	3VX1060	106.0	5VX660	66.0	5VX1120	112.0	5V1000	100.0
3VX300	30.0	3VX1120	112.0	5VX670	67.0	5VX1150*	115.0	5V1060	106.0
3VX315	31.5	3VX1180	118.0	5VX680	68.0	5VX1180	118.0	5V1120	112.0
3VX335	33.5	3VX1250	125.0	5VX690	69.0	5VX1230*	123.0	5V1180	118.0
3VX350	35.0	3VX1320	132.0	5VX710	71.0	5VX1250*	125.0	5V1250	125.0
3VX355	35.5	3VX1400	140.0	5VX730	73.0	5VX1320*	132.0	5V1320	132.0
3VX375	37.5	3VX1500	150.0	5VX750	75.0	5VX1400*	140.0	5V1400	140.0
3VX400	40.0			5VX780	78.0	5VX1500*	150.0	5V1500	150.0
3VX425	42.5	5VX450	45.0	5VX800	80.0	5VX1600*	160.0	5V1600	160.0
3VX450	45.0	5VX470	47.0	5VX810	81.0	5VX1700*	170.0	5V1700	170.0
3VX475	47.5	5VX490	49.0	5VX830	83.0	5VX1800*	180.0	5V1800	180.0
3VX500	50.0	5VX500	50.0	5VX840	84.0	5VX1900*	190.0	5V1900	190.0
3VX530	53.0	5VX510	51.0	5VX850	85.0	5VX2000*	200.0	5V2000	200.0
3VX560	56.0	5VX530	53.0	5VX860	86.0			5V2120	212.0
3VX600	60.0	5VX540	54.0	5VX880	88.0	5V500	50.0	5V2240	224.0
3VX630	63.0	5VX550	55.0	5VX900	90.0	5V560	56.0	5V2360	236.0
3VX670	67.0	5VX560	56.0	5VX930	93.0	5V630	63.0	5V2500	250.0
3VX710	71.0	5VX570	57.0	5VX950	95.0	5V670	67.0	5V2650	265.0
3VX750	75.0	5VX580	58.0	5VX960	96.0	5V710	71.0	5V2800	280.0
3VX800	80.0	5VX590	59.0	5VX1000	100.0	5V750	75.0	5V3000	300.0
3VX850	85.0	5VX600	60.0	5VX1030	103.0	5V800	80.0	5V3150	315.0
3VX900	90.0	5VX610	61.0			5V850	85.0	5V3550	355.0





*Hy-T Premium Wedge V-Belts: with a molded cog and rubber edge construction, the Premium Wedge is just that — a high quality belt that provides premiums of greater flexibility, higher horsepower and longer life.

BELT SIZE INFORMATION
HY-T WEDGE

Section	Nominal Top Width	Angle	Lengths
3V	3/8" (0.375)	38°	Belt number indicates nominal effective length in inches and tenths, e.g.:
5V	5/8" (0.625)	40°	3VX425 is 42.5" outside.

GOODYEAR INDUSTRIAL BELTS

Torque Team Matchmaker V-Belts

TORQUE TEAM MATCHMAKER V-BELTS DELIVER PERFORMANCE PLUS ON HIGH HORSEPOWER DRIVES.

Torque Team Matchmaker V-Belts are built with super strong Vytacord. It provides the high strength, high horsepower rating capacity needed to effectively transmit the drive power. And it's tough enough to tolerate the misalignment that quickly destroys single belts. The Vytacord material is treated with an exclusive 3-T process which removes excessive stretch and imparts exceptional dimensional stability. Drive performance is consistent, reliable and predictable over the life of the belt. Then an oil and abrasion resistant backing fabric was added to provide maximum longitudinal flexibility and lateral strength to withstand the dynamic forces acting within a joined belt. The backing also has special adhesion characteristics which enable it to bond inseparably to the V-sections to maintain the unitary integrity of the belt. The cushion is made of a fibre-reinforced Wingprene compound, contributing heat and oil resistance and strength.

Please ask a Gregg Distributors representative for your specific application requirements.

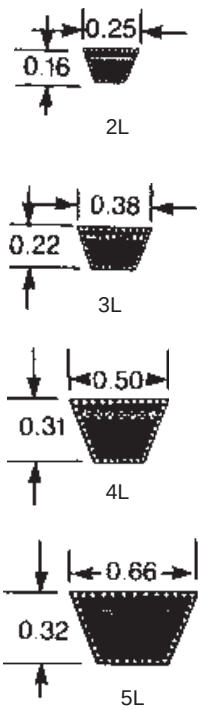
The belts to the right are the same as Torque Team Matchmaker V-Belts listed on the previous page except they are a cogged version. Please contact us for further information on any of these belts.

Part No.	Datum Length, Inches	Approx. Outside Length, Inches	Part No.	Datum Length, Inches	Approx. Outside Length, Inches
4BX35	36.8	38.0	4BX75	76.8	78.0
4BX42	43.8	45.0	4BX78	79.8	81.0
4BX46	47.8	49.0	4BX79	80.8	82.0
4BX48	49.8	51.0	4BX80	81.8	83.0
4BX50	51.8	53.0	4BX81	82.8	84.0
4BX51	52.8	54.0	4BX82	83.8	85.0
4BX53	54.8	56.0	4BX83	84.8	86.0
4BX54	55.8	57.0	4BX85	86.8	88.0
4BX55	56.8	58.0	4BX87	88.8	90.0
4BX56	57.8	59.0	4BX88	89.8	91.0
4BX58	59.8	61.0	4BX90	91.8	93.0
4BX59	60.8	62.0	4BX93	94.8	96.0
4BX60	61.8	63.0	4BX95	96.8	98.0
4BX61	62.8	64.0	4BX96	97.8	99.0
4BX62	63.8	65.0	4BX97	98.8	100.0
4BX63	64.8	66.0	4BX99	100.8	102.0
4BX64	65.8	67.0	4BX100	101.8	103.0
4BX65	66.8	68.0	4BX103	104.8	106.0
4BX66	67.8	69.0	4BX105	106.8	108.0
4BX67	68.8	70.0	4BX108	109.8	111.0
4BX68	69.8	71.0	4BX110	111.8	113.0
4BX70	71.8	73.0	4BX112	113.8	115.0
4BX71	72.8	74.0			
4BX72	73.8	75.0			
4BX74	75.8	77.0			

Part No.	Datum Length, Inches	Approx. Outside Length, Inches	Part No.	Datum Length, Inches	Approx. Outside Length, Inches
AX26	27.3	28.0	BX40	41.8	43.0
AX31	32.3	33.0	BX46	47.8	49.0
AX33	34.3	35.0	BX48	49.8	51.0
AX39	40.3	41.0	BX52	53.8	55.0
AX41	42.3	43.0	BX53	54.8	56.0
AX48	49.3	50.0	BX55	56.8	58.0
AX55	56.3	57.0	BX59	60.8	62.0
AX56	57.3	58.0	BX65	66.8	68.0
AX59	60.3	61.0	BX75	76.8	78.0
AX62	63.3	64.0	BX82	83.8	85.0
AX65	66.3	67.0	BX83	84.8	86.0
			BX90	91.8	93.0
			BX112	113.8	115.0

FHP V-Belts

Improved performance from a molded cog design. Fractional Horsepower Belts for drives up to 2 h.p. For larger h.p. drives (up to 20 h.p.), use Goodyear Instapower Belts.



Part No.	Effective Length, Inches	Part No.	Effective Length, Inches	Part No.	Effective Length, Inches	Part No.	Effective Length, Inches	Part No.	Effective Length, Inches
2L120*	12	3L310	31	3L630*	63	4L370	37	5L300	30
2L140*	14	3L320	32	3L640*	64	4L380	38	5L310	31
2L150*	15	3L330	33	3L650*	65	4L390	39	5L320	32
2L160*	16	3L340	34	3L660*	66	4L400	40	5L330	33
2L180*	18	3L350	35	3L670*	67	4L410	41	5L340	34
2L190*	19	3L360	36	3L690*	69	4L420	42	5L350	35
2L200*	20	3L370	37	3L730*	73	4L430	43	5L360	36
2L220*	22	3L380	38	3L740*	74	4L440	44	5L370	37
2L240*	24	3L390	39	3L760*	76	4L450	45	5L380	38
2L260*	26	3L400	40			4L460	46	5L390	39
2L300*	30	3L410	41	4L150	15	4L470	47	5L400	40
2L310*	31	3L420	42	4L160	16	4L480	48	5L410	41
2L320*	32	3L430	43	4L170	17	4L490	49	5L420	42
3L120*	12	3L440	44	4L180	18	4L500	50	5L430	43
3L130*	13	3L450	45	4L190	19	4L510	51	5L440	44
3L140*	14	3L460	46	4L200	20	4L520	52	5L450	45
3L150*	15	3L470	47	4L210	21	4L530	53	5L460	46
3L160*	16	3L480	48	4L220	22	4L540	54	5L470	47
3L170*	17	3L490	49	4L230	23	4L550	55	5L480	48
3L180*	18	3L500	50	4L240	24	4L560	56	5L490	49
3L190*	19	3L510	51	4L250	25	4L570	57	5L500	50
3L200*	20	3L520	52	4L260	26	4L580	58	5L510	51
3L210*	21	3L530	53	4L270	27	4L590	59	5L520	52
3L220	22	3L540	54	4L280	28	4L600	60	5L530	53
3L230	23	3L550	55	4L290	29			5L540	54
3L240	24	3L560	56	4L300	30	5L230	23	5L550	55
3L250	25	3L570	57	4L310	31	5L240	24	5L560	56
3L260	26	3L580	58	4L320	32	5L250	25		
3L270	27	3L590	59	4L330	33	5L260	26		
3L280	28	3L600*	60	4L340	34	5L270	27		
3L290	29	3L610*	61	4L350	35	5L280	28		
3L300	30	3L620*	62	4L360	36	5L290	29		

BELT SIZE INFORMATION FHP

*Non-cogged.

Section	Nominal Top Width	Angle	Lengths
2L	1/4" (0.250)	42°	Belt number indicates nominal effective length in inches and tenths, eg. 4L300 is 30.0" outside.
3L	3/8" (0.375)	42°	
4L	1/2" (0.500)	42°	
5L	21/32" (0.656)	42°	

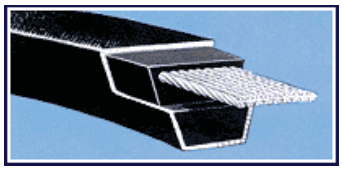
Belts

BELTS & HOSE

Goodyear offers a variety of belts for passenger cars and light trucks; for medium and heavy duty trucks; off-road equipment; snowmobiles, etc.

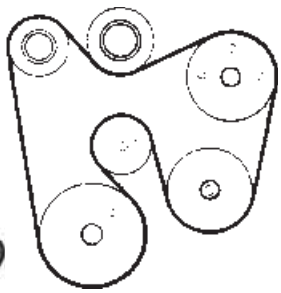
AUTOMOTIVE BELTS
Picture illustrates a two-ply fabric reinforcement for extra strength.

ACCU-DRIVE TENSIONERS & PULLEYS
A complete line of automotive and heavy duty belt tensioners and pulleys.



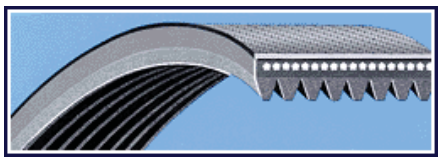
INSTA-POWER BELTS
These belts are for use in lawn and garden equipment drives, from 2 to 20 hp.

SERPENTINE BELTS

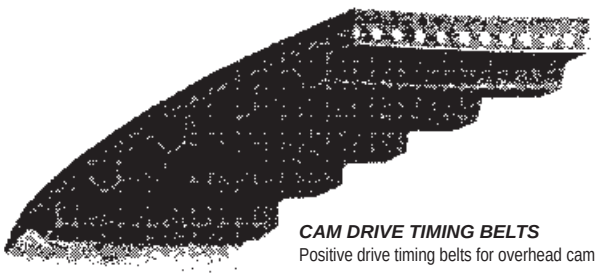


Gregg Distributors Ltd. carries the complete line of Goodyear Automotive Belts. Please ask for more information from your Gregg Distributors representative.

TRUCK TORQUE TEAM BELTS
These belts are specially suited for truck refrigeration purposes.



POLY-V BELTS
Goodyear carries the complete line of automotive Poly-V Belts.



CAM DRIVE TIMING BELTS
Positive drive timing belts for overhead cam (OHC) engines.

SPORTS VEHICLE DRIVE BELTS
Strengthened with Flexten cord, formed from an advanced synthetic fibre that is 5 times stronger than steel. They'll even take the hard-driving torture involved in stock-model racing.

GOODYEAR PRODUCTS

Heater Hose

BLACK HEATER HOSE
Part No. 64995, 5/16".
Part No. 64997, 3/8".
Part No. 65000, 1/2".
Part No. 65004, 5/8".
Part No. 65003, 5/8" (25 ft. roll).
Part No. 65005, 5/8" (250 ft. roll).
Part No. 65009, 3/4".
Part No. 65007, 3/4" (25 ft. roll).
Part No. 65010, 3/4" (250 ft. roll).
Part No. 65012, 1".

HY-T RED HEATER HOSE
Part No. 65015, 5/16".
Part No. 65017, 3/8".
Part No. 65020, 1/2".
Part No. 65019, 1/2" (250 ft. roll).
Part No. 65023, 5/8".
Part No. 65022, 5/8" (25 ft. roll).
Part No. 65025, 5/8" (250 ft. roll).
Part No. 65026, 3/4".
Part No. 65024, 3/4" (25 ft. roll).

BLUE HI-MILER® HEATER HOSE
Part No. 65027, 5/16".
Part No. 65028, 3/8".
Part No. 65029, 1/2".
Part No. 65030, 1/2" (250 ft. roll).
Part No. 65031, 5/8".
Part No. 65032, 5/8" (250 ft. roll).
Part No. 65033, 3/4".
Part No. 65034, 3/4" (250 ft. roll).
Part No. 65035, 1".
Part No. 65036, 1" (250 ft. roll).
Part No. 65037, 1¼".
Part No. 65038, 1¼" (100 ft. roll).

HEAVY DUTY — 3-PLY HEATER HOSE
HEAVY DUTY 3-PLY: Specially designed for trucks, buses and other heavy equipment. Tough, black cover made to resist cracking, checking, aging, and heat. Designed to remain pliable in the coldest weather and will not deflate.
Part No. 3HD-1/2, 1/2".
Part No. 3HD-5/8, 5/8".
Part No. 3HD-3/4, 3/4".
Part No. 3HD-1, 1".

HOSE ON THIS PAGE IS:
- Sold By The Foot
- Available In 50 Ft. Rolls
- Sold By 25 Ft., 100 Ft., And 250 Ft. Rolls Where Stated

FLEXFAB®

Silicone Heater Hose — Red Liner, Blue Cover

Flexfab®

Continuous operating temperature: -54°C to 177°C. Nylon fibre reinforced. Resistant to coolant additives. Sold by the foot.

Part No. 5526-025, 1/4".
Part No. 5526-038, 3/8".
Part No. 5526-050, 1/2".
Part No. 5526-062, 5/8".
Part No. 5526-075, 3/4".
Part No. 5526-087, 7/8".
Part No. 5526-100, 1".
Part No. 5526-125, 1¼".

UNICOIL™

Hose Molding Coil

UNICOIL™

WHEN MOLDED HOSE ISN'T AVAILABLE...
Now you can make those quick repairs when molded hose isn't available. Unicoil allows you to configure custom-bent hoses using straight heater hose — the perfect solution for: •Quick repairs •Customized engines •Out-of-stock situations •One-of-a-kind routing problems
Made of a stainless steel coil and a metal spine that will permanently hold its bend.
Part No. 28510, 1/2" Unicoil.
Part No. 28511, 5/8" Unicoil.
Part No. 28512, 3/4" Unicoil.

Molded Heater Hose

Part No. 63015, 3/4" x 28-1/4".
Part No. 63017, 5/8" x 16-3/8".
Part No. 63019, 1" x 4-1/4".
Part No. 63020, 5/8" x 8-1/4".
Part No. 63037, 3/4" x 10".
Part No. 63806, 5/8" x 4" x 6".
Part No. 63812, 5/8" x 4" x 12".
Part No. 63818, 5/8" x 4" x 18".
Part No. 63819, 5/8" x 8" x 18".
Part No. 63824, 5/8" x 4" x 24".
Part No. 63836, 5/8" x 4" x 36".
Part No. 63906, 3/4" x 4" x 6".
Part No. 63912, 3/4" x 4" x 12".
Part No. 63918, 3/4" x 4" x 18".
Part No. 63925, 3/4" x 8" x 24".
Part No. 63936, 3/4" x 4" x 36".
Part No. 63948, 3/4" x 4" x 48".
Part No. 63960, 3/4" x 4" x 60".

Radiator Hose

STANDARD STRAIGHT RADIATOR HOSE

Available in 3 ft. lengths. Marked for easy cut-off. Covers a wide range of passenger car and light truck applications. Outer layer resists heat, oil and chemical attack. Conforms to SAE specifications.

Part No. 56008, 1/2".
Part No. 56012, 3/4".
Part No. 56014, 7/8".
Part No. 56016, 1".
Part No. 56018, 1-1/8".
Part No. 56020, 1-1/4".
Part No. 56021, 1-5/16".
Part No. 56022, 1-3/8".
Part No. 56024, 1-1/2".
Part No. 56026, 1-5/8".
Part No. 56028, 1-3/4".
Part No. 56030, 1-7/8".
Part No. 56032, 2".
Part No. 56034, 2-1/8".
Part No. 56036, 2-1/4".
Part No. 56038, 2-3/8".
Part No. 56040, 2-1/2".
Part No. 56042, 2-5/8".
Part No. 56044, 2-3/4".
Part No. 56046, 2-7/8".
Part No. 56048, 3".
Part No. 56052, 3-1/4".
Part No. 56056, 3-1/2".
Part No. 56060, 3-3/4".
Part No. 56064, 4".

HEAVY DUTY STRAIGHT RADIATOR HOSE

Extra heavy carcass specially engineered for truck, bus, and off-the-road equipment. Constructed to withstand high pressures and resist collapse. Tube compounded for resistance to heat and antifreeze solutions. Cover resists heat, oil, and grease. Four ply tire cord fabric reinforced. Meets SAE-J20R1. Class D1 specifications.

Part No. 57016, 1".
Part No. 57018, 1-1/8".
Part No. 57020, 1-1/4".
Part No. 57024, 1-1/2".
Part No. 57028, 1-3/4".
Part No. 57032, 2".
Part No. 57036, 2-1/4".
Part No. 57040, 2-1/2".
Part No. 57044, 2-3/4".
Part No. 57048, 3".
Part No. 57056, 3-1/2".

BLUE HI-MILER RADIATOR HOSE

Available in 3 ft. lengths or if you prefer, by the inch. Developed for heavy duty applications. A special Flexten cord reinforcement five times stronger than steel for extra long service life.

Part No. 57214, 7/8".
Part No. 57216, 1".
Part No. 57218, 1-1/8".
Part No. 57220, 1-1/4".
Part No. 57222, 1-3/8".
Part No. 57224, 1-1/2".
Part No. 57226, 1-5/8".
Part No. 57228, 1-3/4".
Part No. 57230, 1-7/8".
Part No. 57232, 2".
Part No. 57234, 2-1/8".
Part No. 57236, 2-1/4".
Part No. 57238, 2-3/8".
Part No. 57240, 2-1/2".
Part No. 57242, 2-5/8".
Part No. 57244, 2-3/4".
Part No. 57246, 2-7/8".
Part No. 57248, 3".
Part No. 57252, 3-1/4".
Part No. 57256, 3-1/2".
Part No. 57260, 3-3/4".
Part No. 57264, 4".
Part No. 57272, 4-1/2".
Part No. 57280, 5".

HI-MILER WIRE INSERTED EPDM RADIATOR HOSE

Available in 4 ft. lengths. "Quick-Fit" easy to use wire-inserted radiator hose. Constructed for passenger car and truck applications. Resists ozone and oil attack.

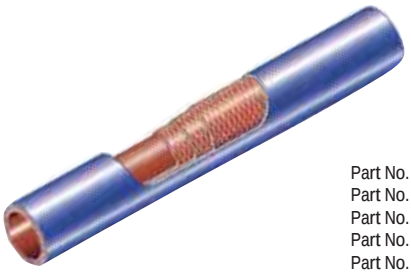
Part No. 58016, 1".
Part No. 58018, 1-1/8".
Part No. 58020, 1-1/4".
Part No. 58024, 1-1/2".
Part No. 58028, 1-3/4".
Part No. 58032, 2".
Part No. 58036, 2-1/4".
Part No. 58040, 2-1/2".
Part No. 58044, 2-3/4".
Part No. 58048, 3".
Part No. 58056, 3-1/2".

HI-MILER WIRE INSERTED NITRILE RADIATOR HOSE

Available in 10 ft. and 30 ft. rolls. A high quality hose that is used in extreme temperatures up to 204°C. Resists ozone and oil attack.

Part No. 59034, 2-1/8" x 10 ft.
Part No. 59036, 2-1/4" x 10 ft.
Part No. 59038, 2-3/8" x 10 ft.
Part No. 59040, 2-1/2" x 10 ft.
Part No. 59048, 3" x 10 ft.
Part No. 59056, 3-1/2" x 10 ft.
Part No. 59310, 5/8" x 30 ft.
Part No. 59312, 3/4" x 30 ft.
Part No. 59314, 7/8" x 30 ft.
Part No. 59316, 1" x 30 ft.
Part No. 59318, 1-1/8" x 30 ft.
Part No. 59320, 1-1/4" x 30 ft.
Part No. 59324, 1-1/2" x 30 ft.
Part No. 59328, 1-3/4" x 30 ft.
Part No. 59330, 1-7/8" x 30 ft.
Part No. 59332, 2" x 30 ft.

FLEXFAB®
Silicone Coolant Hose

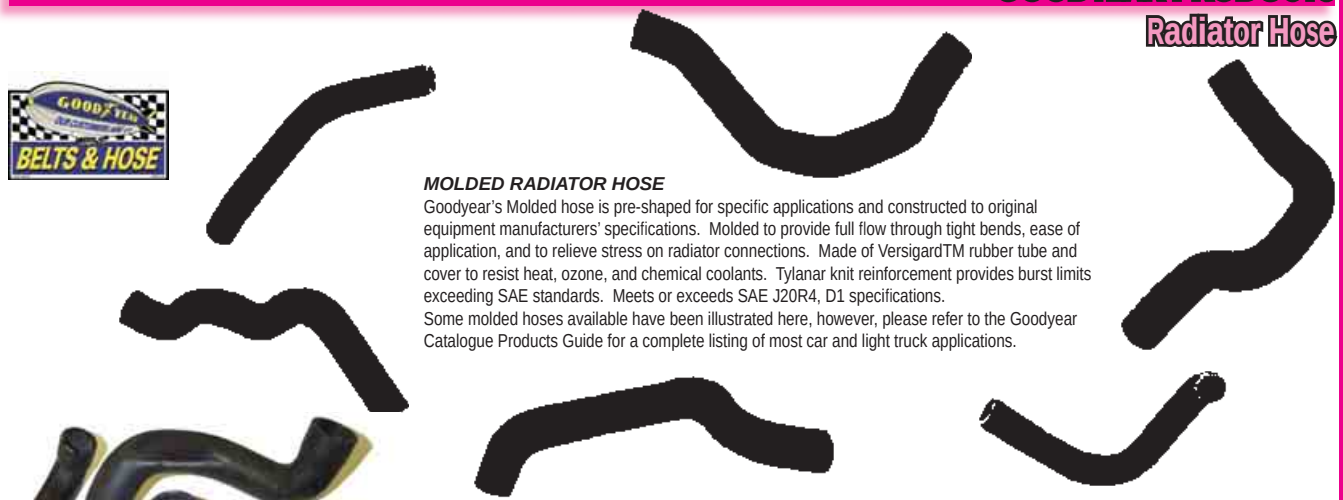


RED LINER, BLUE COVER

3 ply silicone coolant hose reinforced with polyester fabric and coated with specially compounded silicone elastomer. For heavy duty pressure connections in hostile engine environments. Resists hardening, cracking, cold leaks, aging, steam and many chemicals. Ideal for extreme temperature and various pressure ranges where high performance levels are required. Temperature range -54°C to 177°C. Meets or exceeds operating requirements of SAE J20 R1 Class A custom wall, TMC RP303B Class I Grade II and most OEM truck manufacturers' specifications.

Part No. 5515-038, 3/8" x 3 ft.
Part No. 5515-050, 1/2" x 3 ft.
Part No. 5515-062, 5/8" x 3 ft.
Part No. 5515-075, 3/4" x 3 ft.
Part No. 5515-087, 7/8" x 3 ft.
Part No. 5515-100, 1" x 3 ft.
Part No. 5515-112, 1-1/8" x 3 ft.
Part No. 5515-125, 1-1/4" x 3 ft.
Part No. 5515-138, 1-3/8" x 3 ft.
Part No. 5515-150, 1-1/2" x 3 ft.
Part No. 5515-162, 1-5/8" x 3 ft.
Part No. 5515-175, 1-3/4" x 3 ft.
Part No. 5515-187, 1-7/8" x 3 ft.
Part No. 5515-200, 2" x 3 ft.
Part No. 5515-212, 2-1/8" x 3 ft.
Part No. 5515-225, 2-1/4" x 3 ft.
Part No. 5515-238, 2-3/8" x 3 ft.
Part No. 5515-250, 2-1/2" x 3 ft.
Part No. 5515-262, 2-5/8" x 3 ft.
Part No. 5515-275, 2-3/4" x 3 ft.
Part No. 5515-287, 2-7/8" x 3 ft.
Part No. 5515-300, 3" x 3 ft.
Part No. 5515-312, 3-1/8" x 3 ft.
Part No. 5515-325, 3-1/4" x 3 ft.
Part No. 5515-350, 3-1/2" x 3 ft.
Part No. 5515-375, 3-3/4" x 3 ft.
Part No. 5515-387, 3-7/8" x 3 ft.
Part No. 5515-400, 4" x 3 ft.
Part No. 5515-450, 4-1/2" x 3 ft.
Part No. 5515-500, 5" x 3 ft.
Part No. 5515-600, 6" x 3 ft.

GOODYEAR PRODUCTS
Radiator Hose



MOLDED RADIATOR HOSE

Goodyear's Molded hose is pre-shaped for specific applications and constructed to original equipment manufacturers' specifications. Molded to provide full flow through tight bends, ease of application, and to relieve stress on radiator connections. Made of VersigardTM rubber tube and cover to resist heat, ozone, and chemical coolants. Tylanar knit reinforcement provides burst limits exceeding SAE standards. Meets or exceeds SAE J20R4, D1 specifications.
Some molded hoses available have been illustrated here, however, please refer to the Goodyear Catalogue Products Guide for a complete listing of most car and light truck applications.

ALL CURVE RADIATOR HOSE

Goodyear Flexible Radiator Hose is an outstanding advance in quality and performance. Both the tube and cover are made with a new tough, synthetic rubber compound. The synthetic knit yarn reinforcement now brings burst strength up to ten times normal operating pressures.

Part No. 52007, 1-1/4" x 7-3/8".
Part No. 52010, 1-1/4" x 9-5/8".
Part No. 52011, 1-1/4" x 11".
Part No. 52015, 1-1/4" x 14-3/4".
Part No. 52016, 1-1/4" x 15-1/2" x 1/2".
Part No. 52017, 1-1/4" x 17".
Part No. 52020, 1-1/4" x 19-9/16" x 1-1/2".
Part No. 52021, 1-1/4" x 20".
Part No. 52023, 1-1/4" x 23".
Part No. 52407, 1-1/2" x 7-9/16".
Part No. 52409, 1-1/2" x 9".
Part No. 52410, 1-l/2" x 10-11/16".
Part No. 52412, 1-1/2" x 12-3/16".
Part No. 52413, 1-1/2" x 13-3/4".
Part No. 52414, 1-1/2" x 13-1/4" x 1-3/4".
Part No. 52415, 1-1/2" x 15-3/4".
Part No. 52416, 1-1/2" x 17-1/l6".
Part No. 52417, 1-1/2" x 15-5/8" x 1-3/4".
Part No. 52418, 1-1/2" x 16-5/16" x 1-3/4".
Part No. 52419, 1-1/2" x 19-13/16".
Part No. 52420, 1-1/2" x 19-1/2" x 1-3/4".
Part No. 52422, 1-1/2" x 22".
Part No. 52423, 1-1/2" x 23" x 1-3/4".
Part No. 52425, 1-1/2" x 25".
Part No. 52430, 1-1/2" x 30".
Part No. 52808, 1-3/4" x 8-5/8".
Part No. 52810, 1-3/4" x 10".
Part No. 52811, 1-3/4" x 11-3/16".
Part No. 52812, 1-3/4" x 12-1/4" x 2".
Part No. 52813, 1-3/4" x 13-1/4".
Part No. 52814, 1-3/4" x 14-1/4" x 2".
Part No. 52816, 1-3/4" x 16-5/16".
Part No. 52817, 1-3/4" x 16-11/16" x 2".
Part No. 52818, 1-3/4" x 18-13/16".
Part No. 52819, 1-3/4" x 19" x 2".
Part No. 52823, 1-3/4" x 23-1/2".
Part No. 53209, 2" x 9-1/2".
Part No. 53212, 2" x 12-1/4".
Part No. 53214, 2" x 14-1/4".
Part No. 53216, 2" x 16-13/16".
Part No. 53220, 2" x 20".
Part No. 53224, 2" x 24".
Part No. 53609, 2-1/4" x 9".
Part No. 53611, 2-1/4" x 11".
Part No. 53614, 2-1/4" x 14".
Part No. 53617, 2-1/4" x 17".
Part No. 53619, 2-1/4" x 19".
Part No. 54016, 2-1/2" x 16".
Part No. 54024, 2-1/2" x 24".

Coolant Hose Accessories

ALL FLEX COOLANT HOSE

Available in a 10 ft. length. Used for the transfer of coolant only. Its main use is in the trucking industry.
Part No. 58112, 3/4" x 10 ft.

REDUCERS

Special tight fitting, leak-proof reducers make any stock hose into a dual I.D. hose.
Part No. 58981, 1-1/2" x 1-1/4".
Part No. 58982, 1-3/4" x 1-1/2".
Part No. 58983, 2" x 1-3/4".
Part No. 58984, 2-1/4" x 2".
Part No. 58985, 2-1/2" x 2-1/4".
Part No. 58986, 3" x 2-1/2".

BY-PASS HOSE

Part No. 63002, 3/4" x 1" x 9".
Part No. 63003, 5/8" x 13-3/8".
Part No. 63004, 1-1/4" x 4".
Part No. 63005, 3/4" x 5-5/8".
Part No. 63006, 1" x 7-5/8".
Part No. 63009, 13/16" x 1" x 8-1/8".
Part No. 63010, 13/16" x 1" x 6-3/8".
Part No. 63011, 5/8" x 5-3/4".
Part No. 63021, 1/2" x 5-1/4".
Part No. 63023, 1" x 3-3/4".
Part No. 63024, 5/8" x 7-3/4".
Part No. 63026, 5/8" x 8".
Part No. 63027, 31/32" x 14-1/2".
Part No. 63028, 15/16" x 5/8" x 11-3/8".
Part No. 63029, 5/8" x 5-5/8".
Part No. 63033, 1/2" x 6-7/8".
Part No. 63034, 7/16" x 5-9/16".
Part No. 63041, 5/8" x 3/4" x 7".
Part No. 63042, 1/2" x 3-7/8".
Part No. 63043, 5/8" x 6".
Part No. 63047, 3/4" x 18".
Part No. 63052, 5/8" x 6".
Part No. 63056, 5/8" x 1" x 45".
Part No. 63064, 1" x 4".
Part No. 63071, 3/4" x 23".
Part No. 63073, 5/8" x 3/4" x 63".
Part No. 63077, 3/4" x 16".
Part No. 63087, 3/4" x 11".
Part No. 63089, 5/8" x 17".
Part No. 63099, 5/8" x 19".
Part No. 63104, 3/4" x 20".
Part No. 63112, 1" x 14".
Part No. 63138, 5/8" x 12".
Part No. 63168, 9/16" x 11/16" x 14".
Part No. 63245, 5/8" x 3/4" x 13".
Part No. 63394, 3/4" x 4-7/8".
Part No. 63489, 5/8" x 5-1/8".
Part No. 63602, 3/4" x 6-7/8".
Part No. 63641, 5/8" x 5-3/8".
Part No. 63642, 13/16" x 6-1/2".
Part No. 63681, 5/8" x 6-3/8".
Part No. 63682, 63/64" x 9-7/8".
Part No. 63692, 1" x 10-1/2".
Part No. 63720, 1-1/4" x 6-3/8".
Part No. 63724, 3/4" x 7/8" x 10-1/8".
Part No. 63725, 3/4" x 13/16" x 6-7/8".
Part No. 63726, 5/8" x 3/4" x 5-3/8".
Part No. 63735, 1" x 6-1/2".
Part No. 63750, 1" x 1-1/8".

Miscellaneous Hose & Accessories

POWER BRAKE VACUUM HOSE

Specially engineered for vacuum power brake applications. Sold by the foot. Standard roll = 50 ft.
Part No. 65107, 11/32".
Part No. 65108, 15/32".

WINDSHIELD WASHER TUBING

Resists oil, grease, and ozone effects. Flexible at low temperatures. Sold by the foot. Standard roll = 50 ft.
Part No. 65111, 5/32".
Part No. 65112, 7/32".
Part No. 65113, 7/64".
Part No. 65114, 9/32".

FUEL LINE & EMISSION CONTROL HOSE

Resists oil, grease, and ozone effects. Flexible at low temperatures. Sold by the foot. Standard roll = 50 ft. Also available in 250 ft. rolls.
Part No. 65125, 3/16".
Part No. 65126, 1/4".
Part No. 65127, 5/16".
Part No. 65128, 3/8".
Part No. 65129, 7/16".

Part No. 65154, 250 ft. roll, 1/4".
Part No. 65155, 250 ft. roll, 5/16".
Part No. 65156, 250 ft. roll, 3/8".
Part No. 65157, 250 ft. roll, 7/16".

FUEL INJECTION HOSE

For unleaded fuels, Ethanol, and Methanol blends. Hypalon® cover is oil and gas resistant, and withstands exposure to grease, ozone, and coolants. Fluorel® liner resists deteriorations from oxidized gas which forms in fuel injection systems. Sold by the foot. Standard roll = 25 ft. Also available in 10 ft. rolls. Compatible with E85 Biodiesel.
Part No. 65151, 1/4".
Part No. 65152, 5/16".
Part No. 65153, 3/8".

Part No. 65161, 10 ft. roll, 1/4".
Part No. 65162, 10 ft. roll, 5/16".
Part No. 65163, 10 ft. roll, 3/8".

TRANSMISSION HOSE & POWER STEERING RETURN HOSE

Transmission oil cooler hose meets SAEJ1019; power steering return hose meets SAEJ189. Sold by the foot. Standard roll = 25 ft.
Part No. 65211, 5/16" transmission hose.
Part No. 65213, 3/8" transmission hose.
Part No. 65221, 3/8" power steering return hose.

AIR LINE HOSE

For tower, reel, and curb connections. A product frequently used by service stations. 25 and 50 ft. rolls come complete with couplings. Sold by the roll.
Part No. 65131, 25 ft. roll, 1/4".
Part No. 65133, 25 ft. roll, 3/8".
Part No. 65134, 25 ft. roll, 1/2".

Part No. 65135, 50 ft. roll, 1/4".
Part No. 65137, 50 ft. roll, 3/8".
Part No. 65138, 50 ft. roll, 1/2".

Part No. 65139, 300 ft. roll, 1/4".
Part No. 65141, 300 ft. roll, 3/8".

SURELINE WASH DOWN HOSE

A specially constructed water hose designed to meet the needs of today's automotive and truck service facilities. Sold by the roll.
Part No. 65170, 50 ft. roll, 5/8".

CARBURETOR PREHEATER/ EMISSION CONTROL DUCT

This connects the exhaust manifold to the air cleaner the preheat the fuel mixture and reduce carburetor icing. Sold individually by the 3 foot length.
Part No. 65912, 3 ft. length, 3/4".
Part No. 65924, 3 ft. length, 1½".
Part No. 65928, 3 ft. length, 1¾".
Part No. 65932, 3 ft. length, 2".

HOSE CUTTING TOOL

GYR/2375

A handy, easy-to-use tool for evenly cutting rubber or plastic hose. Cuts rubber hose from 1" to 3" diameter.
Part No. 65090, Hose cutting tool.
Part No. 65091, Replacement blades for #65090.

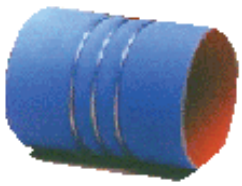
Flexfab

Silicone Charge Air Cooler Hose

SILICONE CHARGE AIR COOLER HOSE (CAC) — RED — HOT SIDE

For superior connection between engine mounted charge air systems components. Ideal for handling slight misalignments and isolating vibrations between hose ends. Flexfab charge air hose is built with 4 plies of DuPont Nomex® — iron oxide red. Hot side 260°C maximum operating temperature.

PART NO.	I.D.	O.D.	LENGTH	STAINLESS STEEL RINGS	MAX. OPER. PRESSURE
7731-0001	3"	3.28"	6"	2	60 psi
7732-0001	3.5"	3.73"	6"	3	55 psi
7715-0002	4"	4.23"	6"	3	50 psi
7727-0001	4"	4.23"	8"	3	50 psi
7723	4"	4.23"	6"	2	50 psi
7728	4"	4.23"	7.5"	3	50 psi
7742-0001	4.5"	4.73"	6"	3	45 psi



SILICONE CHARGE AIR COOLER HOSE (CAC) — BLUE — COLD SIDE

3-ply polyester construction. Cold side 149°C maximum operating temperature. Blue in colour.

PART NO.	I.D.	O.D.	LENGTH	STAINLESS STEEL RINGS	MAX. OPER. PRESSURE
7758-0001	3"	3.23"	6"	3	60 psi
7753-0001	3.5"	3.73"	6"	3	55 psi
7755-0002	4"	4.23"	6"	3	50 psi
7759-0001	4.5"	4.73"	6"	3	45 psi

90° ELBOWS, 3 PLY POLYESTER COATED — BLUE

3 ply silicone coated polyester fabric. Temperature range -54°C to 177°C.
Part No. 7884-0010, 3" I.D. elbow with 7.5" legs.
Part No. 7884-0011, 3.5" I.D. elbow with 8.5" legs.
Part No. 7884-0012, 4" I.D. elbow with 9.5" legs.

TEMRO
COLD WEATHER STARTING PRODUCTS

Cold Weather Starting Products

FROST PLUG HEATERS

Temro offers a wide variety of frost plug heaters for your automotive, small truck and industrial applications. For your specific needs please call Gregg Distributors.

FROST PLUG HEATER CORDS

Temro also has a variety of replacement frost plug heater cords. Pictured below are different styles available. Please consult Gregg Distributors for specific application needs.

LOWER RADIATOR HOSE HEATERS

Below is a chart for sizings on lower radiator hose heaters. Please consult Gregg Distributors for specific application needs.

Replacement Cord Sets for Lower Radiator Hose Heaters:
For heaters with this configuration. Heater stamped with Model D (e.g. 150D) on bottom of unit.
Part No. 3600047.

Tube type hose heater replacement cord.
Part No. 3600017.

MODEL	HOSE I.D.	WATTS	VOLTS
320-0001	1"	375	120
320-0002	1¼"	375	120
320-0003	1½"	600	120
320-0004	1¾"	600	120
320-0005	2"	600	120

Cold Weather Starting Products

TEMRO
COLD WEATHER STARTING PRODUCTS

TANK/CIRCULATION ENGINE HEATERS

This lead-free heater offers dependable engine starts all winter long. It assures fast defrost and heater action while greatly decreasing engine emissions associated with cold starts. The rugged diecast aluminum construction is corrosion and impact resistant. Other features include: overheat protection, water resistant terminal end caps, temperature and oil resistance, and flame retardant.

PART NO.	WATTS	VOLTS
330-5001	750	120
330-5002	1000	120
330-5003	1500	120
330-5004	2250	120
330-5006	1000	240
330-5007	1500	240
330-5008	2250	240

INDUSTRIAL TANK/CIRCULATION ENGINE HEATERS

The industrial tank/circulation engine heater offers very dependable engine starts in all temperatures. It assures a quick start, reduces time to reach operating speed, and enhances immediate full load acceptance. Standard features include: overheat protection, rugged diecast aluminum construction, low watt density copper heating element, and regulating thermostat options.

	REGULATING THERMOSTAT RANGE					
	ON/OFF (16°/27°C)	ON/OFF (27°/38°C)	ON/OFF (38°/49°C)	POWER CORD	VOLTS	AMPS	INLET/OUTLET SIZE
SMALL BODY TANK, 750 WATT:							
	330-5028	330-5032	330-5036	w/ plug	120	6.3	5/8"
	-	-	330-5038	blunt	240	3.1	5/8"
SMALL BODY TANK, 1000 WATT:							
	330-5040	330-5044	330-5048	w/ plug	120	8.3	5/8"
	-	-	330-5050	blunt	240	4.2	5/8"
LARGE BODY TANK, 1500 WATT:							
	330-5052	330-5056	330-5060	w/ plug	120	12.5	3/4"
	-	330-5058	330-5062	blunt	240	6.3	3/4"
LARGE BODY TANK, 2250 WATT:							
	330-5064	330-5068	330-5072	w/ plug	120	18.8	3/4"
	-	330-5070	330-5074	blunt	240	9.4	3/4"

TANK HEATER ACCESSORIES

Part No. 330-0086, Heater hose nipple 1/4" NPT male x 5/8" heater hose barb.
Part No. 330-0090, Plastic universal 5/8" - 3/4" heater hose wye.

CIRCULATION HEATERS - HEAVY DUTY

•Universal formed mounting bracket. •Leak proof "O" ring sealing.
•Heavy duty approved 3 wire cord attached. •Rugged long-lasting cast-aluminum case.
•High quality, heavy duty, automatic resetting thermostat.
•Heater dimensions: diameter - 2¾" - height - 8½". •CSA approved.

PART NO.	WATTS	VOLTS	ELEMENT	THERMOSTAT
220-4010	750	120	220-4061	220-4266
220-4029	1000	120	220-4088	220-4266
220-4037	1500	120	220-4096	220-4266

CIRCULATION HEATERS - HIGH CAPACITY

A high wattage, heavy duty engine pre-heater for use on medium and heavy duty vehicles and stationary diesel engines.
•Rugged aluminum construction. •Low density copper element resists vibration. •Horizontal installation. •Minimum warm-up time of any heater. •Threaded, clearly marked inlet and outlet. •Positive ball-type check valve. •Keeps engine within specified temperature. •120V or 240V, from 1500W to 2500W. •Dimensions: length - 17½", height - 3½", height with auxilliary thermostat - 6". •Weight - 7 lbs. with thermostat, 6 lbs. without thermostat. •Packaged in rugged corrugated carton. •Standard case pack 1 unit. •CSA approved. NOTE: Basic units are all equipped with 96°C thermostat which maintains coolant at 66°C.

BASIC HEATER	HEATER WITH PRE-SET THERMOSTAT 120°F	140°F	WATTS	VOLTS	REPLACEMENT ELEMENT
330-0001	330-0021	330-0031	1500	120	330-0051
330-0002	330-0022	330-0032	2000	120	330-0052
330-0005	330-0025	330-0035	2250	120	330-0055
330-0007	-	330-0037	2500	240	330-0057

Part No. 330-0079, Optional pressure switch for high capacity heaters - 120/240V - 25 amp, 20 psi on, 40 psi off - auto cut off.

RADIANT TYPE HEATERS

300 watt 120 volt 3" x 7" oval radiant type clamp-on heater for small car application — universal bracket supplied.
Part No. 340-0008.
Part No. 360-0001, Replacement cord for 340-0008 radiant heater.

HEAVY DUTY COOLANT IMMERSION HEATERS

Temro offers a wide variety of direct OEM immersion heaters. For specific application needs please consult Gregg Distributors or your newest Temro catalogue.
Part No. 360-0015, Standard replacement cord for most OEM immersion heaters offered by Temro.
Part No. 360-0014, Weatherproof receptacle and cordset for most OEM immersion heaters offered by Temro.

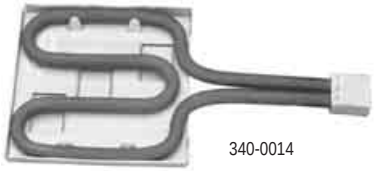
360-0015

MAGNETIC HEATER

200 watt 120 volt magnetic utility heater for use on engine blocks, oil pans, hydraulic cylinders, pipes, pumps, valves, etc. with built-in 121°C thermostat.
Part No. 340-0017.

OIL PAN HEATERS — CLAMP-ON

Part No. 340-0011, 300 watt 120 volt 4" x 4" clamp-on oil pan heater.
Part No. 340-0014, 500 watt 120 volt 6" x 6" clamp-on oil pan heater.
Part No. 360-0002, Replacement power cord for oil pan heaters.



340-0014

OIL PAN HEATERS - HEAVY DUTY THREAD IN

120 volt oil pan heater.
Part No. 220-1712, 1/2" NPT 150 watt - 7¾" long element.
Part No. 220-1968, 3/4" NPT 300 watt - 11-1/8" long element.
Part No. 220-4274, 1" NPT 150 watt - 6-5/8" long element.
Part No. 220-0635, 1" NPT 150 watt - 5-5/8" long element.
Part No. 220-2662, 1" NPT 300 watt - 6" long element - thermostatically controlled.
Part No. 360-0015, Replacement power cord for 220-0635, 220-1968, 220-4274.
Part No. 360-0002, Replacement power cord for 220-1712.

220-1712

220-2662

DIESEL FUEL WARMER — LIGHT/MEDIUM DUTY

Cast aluminum diesel fuel warmer for use on most popular makes of diesel powered cars, pick-ups, farm and off-road equipment using diesel engines up to 6.0 litres.
Part No. 820-8719.

DIESEL FUEL WARMER — HEAVY DUTY

Stainless steel diesel fuel warmer utilizing a compact OEM approved design. Can be mounted horizontally or vertically. May also be used as a heat exchanger in certain hydraulic applications. Unit is designed for all heavy duty diesel applications.
Part No. 820-8751.

Optional thermostat for heavy duty diesel fuel warmer. This thermostat will automatically by-pass fuel around warmer when it reaches 80°F temperature. Unit has 1/2" NPT ports.
Part No. 820-8786.

820-8751

820-8786

STARTING FLUID SYSTEM

E-Z stock ether injection kit. This kit will cover 90% of all class 7 and 8 vehicles having diesel engines 450 to 900 c.i.d. Kit comes complete with 3 atomizers, switch, valve fitting, 48" of nylon tube, dash decal, wire, thermostat, and all brackets required. Note: Ether bottle #820-0327 sold separately.
Part No. 820-3237.

STARTING FLUID SYSTEM ACCESSORIES

Part No. 820-4209, Smartshot module - Smartshot is a fully electronic control system that eliminates starting fluid guesswork and abuse. Smartshot collects engine temperature data and electronically controls use of starting fluid. Unit will deliver fluid only when starter is engaged and only when fluid is required. Wires to most existing 12V measured shot systems.
Part No. 820-3032, 1/4" NPT x 1/8" NPT bushing adapter for starting fluid atomizers.
Part No. 820-3091, Dual atomizer kit - for installing 2 atomizers on V engines or multiple in-line assemblies. Kit contains 2 tubes 48" long and 1 tube tee.
Part No. 820-0327, 18 oz. cylinder of ether for Zerostart units - 1" neck size.
Part No. 820-1277, 21 oz. stubby cylinder of ether - 1" neck size.
Part No. 820-3903, 1" standard gasket for ether injection systems.
Part No. 820-0386, Surface mount thermostat for ether injection systems.
Part No. 820-2281, 1/2" NPT low temp. thermostat for ether injection systems.
Part No. 829-1837, 1/2" NPT standard temp. thermostat for ether injection systems.

820-3091

820-4209

E-Z MOUNT — Standard electrical and mechanical kits are also available. Please consult charts on the following page for your specific application requirements.

Cold Weather Starting Products

TEMRO
COLD WEATHER STARTING PRODUCTS

STARTING FLUID SYSTEMS APPLICATION GUIDE

Make & Engine Model	E-Z-Stock & E-Z-Mount 12V	E-Z Mount Electrical		Standard Electrical		Mechanical	Atomizer
		12V	24V	12V	24V		
CATERPILLAR							
1100, 3208, 3306, others over 500 cid (24)	820-3237	820-3954	820-3962	820-0157	820-0238	820-0270	820-2982
3406, 3408, 1693, D346, (24)	820-3237	820-3954	820-3962	820-0157	820-0238	820-0270	820-2966(24)
3406B Turbo (24)	820-3237	820-3954	820-3962	820-0157	820-0238	820-0270	820-3067(24)
3176 (24)	820-3237	820-3954	820-3962	820-0157	820-0238	820-0270	820-2982(24)
CUMMINS							
855 cid series, all turbo over 400 cid	820-3237	820-3954	820-3962	820-0157	820-0238	820-0270	820-2982
'B' Series 4 cylinder		820-4136		820-4179			820-2931
'B' Series 6 cylinder		820-3938	820-3946	820-0106	820-0165	820-0211	820-2931
'C' Series		820-3954	820-3962	820-0157	820-0238	820-0270	820-2931
- 10 litre, 11 litre	820-3237	820-3954	820-3962	820-0157	820-0238	820-0270	820-2982
DETROIT DIESEL							
3-53, 4-53, 3-71, 4-71		820-3938	820-3946	820-0106	820-0165	820-0211	(22) (23)
6-71, 6V-53, 8V-53, 6V-71 & 6V-92	820-3237	820-3954	820-3962	820-0157	820-0238	820-0270	(22) (23)
8V-71 & 8V-92		820-3970	820-3989	-	820-0602	820-0432	(22) (23)
8.2 litre		820-3954	820-3962	820-0157	820-0238	820-0270	820-2958
Series 60 (677 & 774 cid)		820-3954	820-3962	820-0157	820-0238	820-0270	820-2966
FORD							
6.6 & 7.8L	820-3237	820-3938	820-3946	820-0106	820-0165	820-0211	820-2974
INTERNATIONAL							
D150 (461 cid) D170, D190	820-3237	820-3954	820-3962	820-0157	820-0238	820-0270	(22) (23)
D550 (549 cid), V800 (798 cid)							
817 (817 cid), 9 Litre	820-3237	820-3954	820-3962	820-0157	820-0238	820-0270	(22) (23)
D, DT31 through DT312, DT360, DT436 & DT466		820-3938	820-3946	820-0106	820-0165	820-0211	820-2974
MACK							
Midliner		820-3938	820-3946	820-0106	820-0165	820-0211	820-3016
All 6 cylinder		820-3954	820-3962	820-0157	820-0238	820-0270	820-2990
864, 865 & 866 V8 Series		820-3954	820-3962	820-0157	820-0238	820-0270	820-2982
MERCEDES TRUCK							
All		820-3938	820-3946	820-0106	820-0165	820-0211	820-2958
PERKINS							
All		820-3938	820-3946	820-0106	820-0165	820-0211	820-2982

Note: Atomizers included in 820-3237 only (820-2966, 820-2974, 820-2982).

REPLACEMENT PARTS FOR STARTING FLUID SYSTEMS

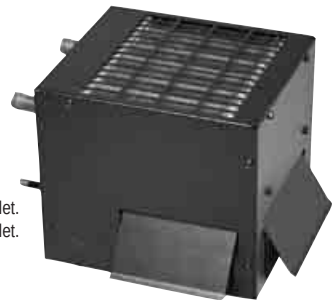
Engine Size	Description	EZ-Mount Electrical		Standard Electrical		Mechanical
		12 Volt	24 Volt	12 Volt	24 Volt	
Under 250 cid	Valve Only	N/A	N/A	820-4101	N/A	N/A
250-500 cid	Valve Only	820-3997	N/A	820-2427	N/A	820-2397
450-950 cid	Valve Only	820-4012	N/A	820-2435	820-2478	N/A
Over 900 cid	Valve Only	820-4039	N/A	820-2443	N/A	820-2419
	Cylinder Clamp	N/A		820-2575		N/A
	Switch	820-2699		820-2699		N/A
	84" control cable	N/A		N/A		820-2559
	Wirestop/screw	N/A		N/A		820-2567
	Valve Fitting	820-2532		820-2532		820-2532
	48" nylon tube	820-2540		820-2540		820-2540
	Dash decal	820-2583		820-2583		820-2583

SPECIAL NOTES:

All kits require Model 820-0327 starting fluid cylinders.
(22) Use 820-2966 if installed in blower box or manifold.
(23) Use 820-2982 if installed in air intake horn.
(24) Air-to-Air aftercooled engines (ATAAC) generally will use an 820-2982 atomizer installed in pipe between discharge side of aftercooler and engine manifold.
CAUTION: Not for use on glow plug or flame thrower equipped engines.

FIREWALL OR WALL MOUNTED CAB HEATER

Designed for areas where space is at a premium. Standard features: •2-speed reversible fan motor •Easily disassembled for maintenance •Installation kit included
Maximum capacity: 17,500 BTU/hr. Case size overall: 7.5" high x 8.6" wide x 7.7" deep.
Weight: 10 lbs. Maximum CFM: 150.
Outlet direction: top rear.



Part No. 700-0101, 12V/3.9 amp, 5/8" outlet.
Part No. 700-0103, 24V/2.0 amp, 5/8" outlet.

Part No. 700-0102, 12V/3.9 amp, 3/4" outlet.
Part No. 700-0104, 24V/2.0 amp, 3/4" outlet.

Replacement Parts:
Part No. 710-0023, Heat exchanger for 5/8" outlet.
Part No. 710-0022, Heat exchanger for 3/4" outlet.
Part No. 710-0002, 7" fan blade.
Part No. 710-0004, 12 volt motor.
Part No. 710-0006, 24 volt motor.
Part No. 710-0001, Installation kit.

FLOOR OR WALL MOUNTED CAB HEATER

Ideal for grader, front end loader, tractor cab, etc. applications where space is a problem. Standard features: •Heavy 14 gauge construction •Compact design •2-speed reversible fan motor •Easily disassembled for maintenance •Installation kit included
Maximum capacity: 30,000 BTU/hr. Case size overall: 9.3" high x 11.5" wide x 10.6" deep.
Weight: 26.5 lbs. Maximum CFM: 250.
Outlet direction: left side.

Part No. 700-0202, 12V/9.4 amp, 5/8" outlet.
Part No. 700-0208, 24V/4.7 amp, 5/8" outlet.

Part No. 700-0205, 12V/9.4 amp, 3/4" outlet.

Replacement Parts:
Part No. 710-0013, Heat exchanger for 5/8" outlet.
Part No. 710-0012, Heat exchanger for 3/4" outlet.
Part No. 710-0003, 8" fan blade.
Part No. 710-0005, 12 volt motor.
Part No. 710-0007, 24 volt motor.
Part No. 710-0001, Installation kit.

FLOOR OR WALL MOUNTED CAB HEATER

Ideal for grader, front end loader, tractor cab, etc. applications where space is a problem. Standard features: •Heavy 14 gauge construction •Compact design •2-speed reversible fan motor •Easily disassembled for maintenance •Installation kit included
Maximum capacity: 30,000 BTU/hr. Case size overall: 9.3" high x 11.5" wide x 10.6" deep.
Weight: 26.5 lbs. Maximum CFM: 250.
Outlet direction: right side.

Part No. 700-0203, 12V/9.4 amp, 5/8" outlet.

Part No. 700-0206, 12V/9.4 amp, 3/4" outlet.

Replacement Parts:
Part No. 710-0013, Heat exchanger for 5/8" outlet.
Part No. 710-0012, Heat exchanger for 3/4" outlet.
Part No. 710-0003, 8" fan blade.
Part No. 710-0005, 12 volt motor.
Part No. 710-0007, 24 volt motor.
Part No. 710-0001, Installation kit.

FLOOR OR WALL MOUNTED CAB HEATER

Ideal for grader, front end loader, tractor cab, etc. applications where space is a problem. Standard features: •Heavy 14 gauge construction •Compact design •2-speed reversible fan motor •Easily disassembled for maintenance •Installation kit included
Maximum capacity: 30,000 BTU/hr. Case size overall: 9.3" high x 11.5" wide x 10.6" deep.
Weight: 26.5 lbs. Maximum CFM: 250.
Outlet direction: left rear.

Part No. 700-0201, 12V/9.4 amp, 5/8" outlet.
Part No. 700-0207, 24V/4.7 amp, 5/8" outlet.

Replacement Parts:
Part No. 710-0015, Heat exchanger for 5/8" outlet.
Part No. 710-0014, Heat exchanger for 3/4" outlet.
Part No. 710-0003, 8" fan blade.
Part No. 710-0005, 12 volt motor.
Part No. 710-0007, 24 volt motor.
Part No. 710-0001, Installation kit.

HEAVY DUTY CARGO HEATER

A heavy duty heater designed for construction equipment. 14 gauge steel case and grill enables heater to stand up to the roughest service. Standard features: •Compact design •Two, 2-speed reversible fan motors •Easily disassembled for maintenance •Installation kit included
Maximum capacity: 40,000 BTU/hr. Case size overall: 7.7" high x 17.4" wide x 9.4" deep.
Weight: 28.3 lbs. Maximum CFM: 325.
Outlet direction: left side.

Part No. 700-0302, 12V/8.9 amp, 5/8" outlet.
Part No. 700-0308, 24V/4.5 amp, 5/8" outlet.

Part No. 700-0305, 12V/8.9 amp, 3/4" outlet.
Part No. 700-0311, 24V/4.5 amp, 3/4" outlet.

Replacement Parts:
Part No. 710-0017, Heat exchanger for 5/8" outlet.
Part No. 710-0016, Heat exchanger for 3/4" outlet.
Part No. 710-0002, 7" fan blade.
Part No. 710-0004, 12 volt motor.
Part No. 710-0006, 24 volt motor.
Part No. 710-0001, Installation kit.

HEAVY DUTY CARGO HEATER

A heavy duty heater designed for construction equipment. 14 gauge steel case and grill enables heater to stand up to the roughest service. Standard features: •Compact design •Two, 2-speed reversible fan motors •Easily disassembled for maintenance •Installation kit included
Maximum capacity: 40,000 BTU/hr. Case size overall: 7.7" high x 17.4" wide x 9.4" deep.
Weight: 28.3 lbs. Maximum CFM: 325.
Outlet direction: right side.

Part No. 700-0303, 12V/8.9 amp, 5/8" outlet.
Part No. 700-0309, 24V/4.5 amp, 5/8" outlet.

Part No. 700-0306, 12V/8.9 amp, 3/4" outlet.

Replacement Parts:
Part No. 710-0017, Heat exchanger for 5/8" outlet.
Part No. 710-0016, Heat exchanger for 3/4" outlet.
Part No. 710-0002, 7" fan blade.
Part No. 710-0004, 12 volt motor.
Part No. 710-0006, 24 volt motor.
Part No. 710-0001, Installation kit.

HEAVY DUTY CARGO HEATER

A heavy duty heater designed for construction equipment. 14 gauge steel case and grill enables heater to stand up to the roughest service. Standard features: •Compact design •Two, 2-speed reversible fan motors •Easily disassembled for maintenance •Installation kit included
Maximum capacity: 40,000 BTU/hr. Case size overall: 7.7" high x 17.4" wide x 9.4" deep.
Weight: 28.3 lbs. Maximum CFM: 325.
Outlet direction: left rear.

Part No. 700-0301, 12V/8.9 amp, 5/8" outlet.

Replacement Parts:
Part No. 710-0002, 7" fan blade.
Part No. 710-0004, 12 volt motor.
Part No. 710-0006, 24 volt motor.
Part No. 710-0001, Installation kit.

UNDER SEAT CAB HEATER

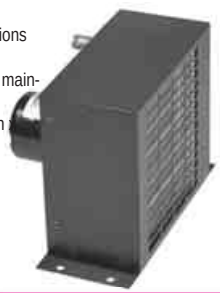
Recommended for most supplementary heat applications. Ideal as a secondary heat source in delivery trucks, station wagons, sleeper cabs, foreign vehicles, etc. Comes equipped with heavy duty twin cores. Standard features: •Compact design •2-speed reversible fan motor •Easily disassembled for maintenance •Installation kit included
Maximum capacity: 13,500 BTU/hr. Case size overall: 3.1" high x 13" wide x 9" deep. Weight: 10.4 lbs. Maximum CFM: 130.
Outlet direction: bottom.

Part No. 700-0401, 12V/4.3 amp, 5/8" outlet.
Part No. 700-0403, 24V/2.2 amp, 5/8" outlet.

Replacement Parts:
Part No. 710-0021, Heat exchanger for 5/8" outlet.
Part No. 710-0020, Heat exchanger for 3/4" outlet.
Part No. 710-0002, 7" fan blade.
Part No. 710-0004, 12 volt motor.
Part No. 710-0006, 24 volt motor.
Part No. 710-0001, Installation kit.

SPACE SAVER DESIGN CAB HEATER

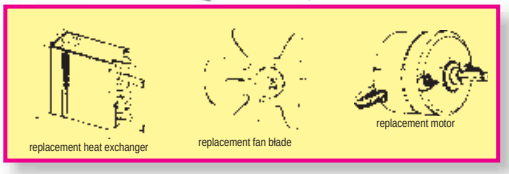
High performance in a small package. Ideally suited for applications where defrosting is not required. Standard features: •Compact design •2-speed reversible fan motor •Easily disassembled for maintenance •Installation kit included
Maximum capacity: 17,500 BTU/hr. Case size overall: 7.6" high x 4.3" wide x 8.5" deep. Weight: 7.4 lbs. Maximum CFM: 150.
Outlet direction: right bottom.



Part No. 700-0501, 12V/4.4 amp, 5/8" outlet.
Part No. 700-0505, 24V/2.2 amp, 5/8" outlet.

Part No. 700-0503, 12V/4.4 amp, 3/4" outlet.

Replacement Parts:
Part No. 710-0010, Heat exchanger for 5/8" outlet.
Part No. 710-0008, Heat exchanger for 3/4" outlet.
Part No. 710-0002, 7" fan blade.
Part No. 710-0004, 12 volt motor.
Part No. 710-0006, 24 volt motor.
Part No. 710-0001, Installation kit.



SPACE SAVER DESIGN CAB HEATER

High performance in a small package. Ideally suited for applications where defrosting is not required. Standard features: •Compact design •2-speed reversible fan motor •Easily disassembled for maintenance •Installation kit included
Maximum capacity: 17,500 BTU/hr. Case size overall: 7.6" high x 4.3" wide x 8.5" deep. Weight: 7.4 lbs. Maximum CFM: 150.
Outlet direction: right rear.

Part No. 700-0502, 12V/4.4 amp, 5/8" outlet.
Part No. 700-0506, 24V/2.2 amp, 5/8" outlet.

Part No. 700-0504, 12V/4.4 amp, 3/4" outlet.
Part No. 700-0508, 24V/2.2 amp, 3/4" outlet.

Replacement Parts:
Part No. 710-0011, Heat exchanger for 5/8" outlet.
Part No. 710-0009, Heat exchanger for 3/4" outlet.
Part No. 710-0002, 7" fan blade.
Part No. 710-0004, 12 volt motor.
Part No. 710-0006, 24 volt motor.
Part No. 710-0001, Installation kit.

TEMRO

TEM/3800

Cold Weather Starting Products

TEMRO
COLD WEATHER STARTING PRODUCTS

BATTERY WARMER
120 volt battery blanket keeps your cranking amps at their peak.
Part No. 280-0055, 50 watt, 28" long.
Part No. 280-0063, 80 watt, 36" long.
Part No. 280-0071, 160 watt, 72" long.

LITTLE BUDDY® INTERIOR CAR WARMER
Designed for passenger car, light duty and R.V. applications. Unit has 900 watt output and has built-in automatic reset and back-up thermolink. This unit is made of a durable metal casing and measures only 7"L x 4½"W x 2¾" thick.
Part No. 260-0900.

CORD HOLDER
Extension cord holder for mounting on grill of vehicle will hold up to a 25 foot extension cord.
Part No. 360-0045.

AIR CIRCULATION & DEFROST FAN
Complete with switch. For 12V or 24V systems.
Part No. 760-2855, 12 volt.
Part No. 760-2891, 24 volt.

INDICATOR LIGHT CORDSET SYSTEMS
Specially designed wire harness with two-light system allows operators or fleet personnel to quickly determine both power availability and heater operation. 120 volt, 15 amp rating. Chrome plated, four hole mount, square flanged weatherproof receptacle with gasket. Indicator lights visible up to 50 ft. Mounting plate dimensions 3.56"W x 2.56"H.

Standard cord kit includes weatherproof housing and cord.
Part No. 360-0049, 6 ft length.
Part No. 360-0051, 12 ft. length.

Y-cord for connection to heater and thermostat, includes weatherproof housing and thermostat (operating range of thermostat 100°F (38°C) "on"; 120°F (49°C) "off".
Part No. 360-0054, 6 ft length.

Cord kit for use with high capacity heaters.
Part No. 330-0092, 8 ft length.

ACCESS ALASKA

QQQ/1375

Heat Pads

Access Alaska Pads are great for oil pans, automatic transmissions, hydraulic reservoirs, and hydraulic cylinders. They're made from silicone rubber, are easy to install and give rugged reliability.
A rule of thumb is 15 - 30 watts per quart of oil. Use Permatex #77BR silicone to apply.

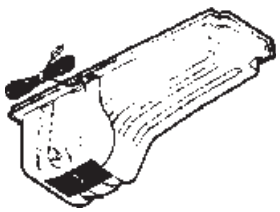
PART NO.	SIZE (in.)	AMPS	DESCRIPTION
786589-25050	2 x 5	.41	50 watt silicone rubber heat pad
786589-35075	1.7 x 5	.62	75 watt silicone rubber heat pad
786589-45100	2.7 x 5	.83	100 watt silicone rubber heat pad
786589-45150	3.7 x 5	1.25	150 watt silicone rubber heat pad
786589-41020	4 x 10	1.67	200 watt silicone rubber heat pad
786589-51025	5 x 10	2.08	250 watt silicone rubber heat pad
786589-61030	6 x 10	2.50	300 watt silicone rubber heat pad
786589-61545	6 x 15	3.75	450 watt silicone rubber heat pad
786589-12127	12 x 12	5.90	720 watt silicone rubber heat pad
786589-55856	6.5 x 8.5	.49	60 watt battery pad

WOLVERINE

QQQ/4040

Silicone Pad Heaters

The age-old concept of preheating an engine from its bottom upward is reintroduced by Wolverine Products Inc. The dependable, state of the art Wolverine Preheater uses a thin plate type element housed between layers of resilient fibreglass reinforced silicone mats to create a durable, effective preheater. Wolverine Preheaters are permanently bonded onto the bottom of an engine's oil pan where the heat producing element is in close proximity to the oil pan surface which results in a high coefficient of heat transfer. The Wolverine Preheater raises oil temperature to near normal operating levels, i.e., 66°C - 93°C. Heat rises off the oil to warm the engine's internal moving parts and the cushions of oil between them. Only Wolverine Preheaters can offer watts per quart of oil sufficient to insure effective temperature increases with watts per square inch very low to eliminate any possibility of damage to oil. In addition to preparing an engine for cold weather operation, Wolverine Preheaters can also be used for very effective warming of hydraulic reservoirs.



125 WATT PREHEATER
Recommended oil capacities for: diesel engines, 2 - 4 litres; gas engines, 2 - 6 litres; auto/manual transmissions,2 - 15 litres; hydraulic tanks, 4 - 20 litres. 1.1 amp unit. 3" round.
Part No. MODEL9.

250 WATT PREHEATER
Recommended oil capacities for: diesel engines, 5 - 14 litres; hydraulic tanks, 20 - 95 litres. 2.2 amp unit. 4" x 4.5".
Part No. MODEL16.

500 WATT PREHEATER
Recommended oil capacities for: diesel engines, 12 - 25 litres; hydraulic tanks, 96 - 285 litres. 4.5 amp unit. 5" x 7".
Part No. MODEL40.

1000 WATT PREHEATER
Recommended oil capacities for: diesel engines, 26 - 45 litres; hydraulic tanks, 285 - 1000 litres. 8.2 amp unit. 11.75" x 6".
Part No. MODEL80.

HEATER
Shut-off Valves & Fittings

90° SHUT-OFF VALVE
Part No. H-964, Brass, 5/8" hose I.D., 3/8" NPT thread.
Part No. H-966, Steel, ¾" hose I.D., 3/8" NPT thread.
Part No. H-2966, Steel, ¾" hose I.D., ½" NPT thread.

45° SHUT-OFF VALVE
Part No. H-963, Brass, 5/8" hose I.D., 3/8" NPT thread.

INLINE SHUT-OFF VALVE
Part No. H-965, 5/8" hose I.D.
Part No. H-2965, ¾" hose I.D.
Part No. H-984, 1" hose I.D.

STRAIGHT HOSE NIPPLE
Part No. H-881, 5/8" hose I.D., 3/8" NPT thread.

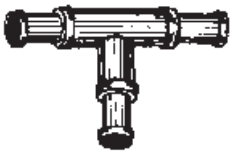
STEEL HOSE ELBOW
5/8" hose I.D., 3/8" NPT thread.
Part No. H-2881, 45°.
Part No. H-2910, 90°.

H-2881

H-2910

STEEL HOSE SPLICER
Part No. H-916, 5/8" hose I.D.
Part No. H-917, ¾" hose I.D.
Part No. H-930, 1" hose I.D.

UNIVERSAL HOSE TEE
Nylon. For 5/8" - ¾" hose I.D.
Part No. H-3841.



UNIVERSAL HOSE WYE
Nylon. For 5/8" - ¾" hose I.D.
Part No. H-3875.

RADIATOR HOSE ADAPTER
5/8" hose I.D.
Part No. H-854.

90° SHUT-OFF VALVE
Part No. 1139-6C, 3/8" hose I.D., 3/8" NPT thread.
Part No. 1139-8C, ½" hose I.D., 3/8" NPT thread.
Part No. 1139-10C, 5/8" hose I.D., 3/8" NPT thread.
Part No. 1139-10D, 5/8" hose I.D., ½" NPT thread.
Part No. 1139-12C, ¾" hose I.D., 3/8" NPT thread.
Part No. 1139-12D, ¾" hose I.D. ½" NPT thread.

GOODYEAR
Plastic Heater Hose Connectors

STRAIGHT
Part No. 65624, 5/8".
Part No. 65625, 3/4".
Part No. 65629, 5/8" x 3/4".
Part No. 65626, 1".
Part No. 65627, 1/2" - 3/8".
Part No. 65628, 5/8" - 1/2".
Part No. 65630, 1" - 3/4".

90°
Part No. 65631, 1/4".
Part No. 65632, 5/16".
Part No. 65633, 3/8".
Part No. 65634, 1/2".
Part No. 65635, 5/8".
Part No. 65636, 3/4".
Part No. 65637, 1".

Thermostats

STANT PART NO.	MOTORAD	NAPA	GATES
13009	200-195/1195	269	33509
13359	1195	183	33099
13869	240-192	201	33489
13789	340-195	253	33269
13899	267-195	274	33419
13849	203-195	215	33429
13829	4095/4792	252	33239
13959	333-198	285	33779
13819	4595	264	33298
13758	484580	156	33708
13889	243-195	274	33419
13878	522780	105	33568
13008	200-180/1180	169	33508
13349	202192	237	33259
14209	-	208	33849
13859	-	204	33479
13006	200-160/1160	-	-
13399	522888	239	33189
13868	240-180/323180	101	-
13879	522791	205	33569

Radiator Caps

•Quick Cross Reference and popular number application listing

STANT PART NO.	MOTORAD	NAPA	GATES
10231	T-16	703-1447	31523
10229	T-13	703-1445	31527
10230	T-16	703-1446	31528
10227	T-13R	703-1443	31333
10228	T-7	703-1444	31526
10233	T-16R	703-1406	31336
10232	T-32	703-1475	31313
10237	T-9	703-1319	31521
10283	-	703-1422	31309
10242	T-37	703-2472	31412
10282	T-102	703-1418	31308
10294	-	703-1427	31350
10329	ST-13	703-1461	31511
10241	T-36	703-2471	31411
10331	-	703-1463	31516
10281	T-101	703-1419	31307
10328	ST-7	703-1460	31508
10239	T-39	703-2469	31405

Superstat® Thermostats

A line of heavy duty thermostats for passenger cars and light trucks. The Stant SuperStat thermostat is better at controlling coolant temperature, providing faster warm-ups, and more stable operating temperatures. 19 SuperStat part numbers cover over 60% of all car and light truck applications. This listing shows SuperStat numbers and their equivalent reverse poppet part numbers. Available boxed or carded.

SUPERSTAT (BOXED) PART NO.	SUPERSTAT (CARDED) PART NO.	REVERSE POPPET PART NO.	TEMP. RATING (°F)
45348	65348	13348	180
45349	65349	13349	195
45356	65356	13356	160
45358	65358	13358	180
45359	65359	13359	195
45368	65368	13368	180
45369	65369	13369	195
45378	65378	13378	180
45379	65379	13379	195
45478	65478	13478	180
45479	65479	13479	195
45848	65848	13848	180
45849	65849	13849	195
45858	65858	13858	180
45859	65859	13859	195
45868	65868	13868	180
45869	65869	13869	195
45889	65889	13889	195
45899	65899	13899	195

SUPERSTAT

Unlike conventional thermostats that continually open and close to achieve the proper operation temperature and flood the engine with coolant, the Stant SuperStat thermostat has a patented V-notch, non-linear design that reduces cycling by precisely metering the amount of coolant needed. The V-notches provide a small initial flow. As the engine heats up, the V-notches gradually open wider, metering coolant released into the system until the desired engine temperature is reached.

REVERSE POPPET

This thermostat design forms more material at the bridge adding more strength to the top. The flange is made without a step in order to fit newer vehicles. The bottom strap or frame has the same width but is formed for added strength and to firmly hold the spring in place. The completed assembly provides a securely sealed, heat responsive valve that keeps engine temperatures within original equipment specifications.

Gaskets

•Quick Cross Reference and popular number application listing

STANT PART NO.	MOTORAD	NAPA	GATES
25138	MG38	1038ST	33624
25167	MG67	1067ST	33643
25168	MG68	1068ST	33644
25150	MG50	1050ST	33633
25153	MG53	1053ST	33637
25164	MG64	1064ST	33641
25160	MG60	1060ST	33638
25183	-	1089ST	-
25148	MG48	1048ST	33631
25174	MG74	1074ST	33645
25140	MG40	1040ST	33625
25149	MG49	1049ST	33632
25186	-	-	-
25132	MG32	1032ST	33621
25175	MG75	1075ST	33647
25163	MG63	1063ST	33640
25190	-	1097ST	-
25184	-	1090ST	33657
25113	-	1083ST	33646

Pictures are representative only.

Truck Adapter Kit

Includes two solid die cast, chrome plated cap and radiator adapters and one 7/8" plug. Fits all popular trucks with the large diameter
(2-11/16" O.D. "B" size) filler neck.
Part No. 12450.

Cooling System & Radiator Cap Tester

For up to 30 lb. cooling systems and pressure caps.
The Stant 12270 tester now lets you test today's cars' higher pressure cooling systems and pressure caps up to 30 lbs. Gauge includes new cap testing pressure ranges of 17 - 19 lbs., 20 lbs., and 28 - 30 lbs. The large colour coded dial makes it easy to accurately test these higher pressure caps and systems.
The 12270 head also includes a pressure release bar that, when turned clockwise, releases pressure build-up before removing the head from the neck.
This pressure tester comes in its own plastic carrying case with a spacer to drop in 1" deep filler necks for testing, a cap adapter to check standard "A" size caps, and a complete easy-to-use instruction manual including cooling system and pressure cap testing instructions as well as usage instructions and applications for all Stant adapters.
Part No. 12270.

Fuel Caps

•Quick Cross Reference and popular number application listing

STANT PART NO.	MOTORAD	NAPA	GATES
10591	MGC-791	703-1603	31778
10501	MGC-900	703-1614	31734
10506	MGC-804	703-1643	31782
10502	MGC-802	703-1590	31828
10491	MGC-91	703-1113	31691
10593	MGC-793	703-1608	31730
10582	MGC-782	703-1188	31761
10572	MGC-772	703-1168	31775
10592	MGC-792	703-1604	31659
10413	-	703-1254	31823
10419	-	703-1258	31827
10483	MGC-83	703-1116	31683
10492	MGC-92	703-1110	31692
10505	-	703-1642	31781
10559	MGC-759	703-1111	31769
10504	MGC-900	703-1641	31780
10623	-	703-1220	31623
10817	-	703-1231	31748
10819	-	703-1620	31615
10834	-	703-1640	31832

Oil Caps

•Quick Cross Reference and popular number application listing

STANT PART NO.	MOTORAD	NAPA	GATES
10072	MO-72	703-1300	31272
10066	MO-66	703-1311	31066
10081	MO-81	703-1331	31109
10105	MO-105	703-1285	31111
10071	MO-71	703-1306	31072
10092	MO-92	703-1342	31086
10088	MO-88	703-1338	31085
10061	MO-61	703-1314	31061
10085	MO-85	703-1366	31096
10106	MO-106	703-1459	31114
10080	MO-80	703-1330	31081
10111	MO-111	703-1458	31118
10100	MO-100	703-1345	31113
10094	MO-94	703-1275	31092
10075	MO-75	703-1371	31078
10082	MO-82	703-1332	31083
10107	MO-107	703-2313	31115
10103	MO-103	703-1283	31106
10083	MO-83	703-1333	31084
10064	MO-64	703-1315	31064

•Water Outlets

Please ask for further information on the line of Stant products.

LUBER-FINER

Filtration Products & Accessories

A WORD FROM LUBER-FINER
WORLD FAMOUS FILTERS

Luber-finer's commitment to performance, quality and service is exemplified by our high standing in the industry: we proudly operate the first ISO 9000 approved filter manufacturing plant in the United States. The new attractive white filter is a visual representation of our global outlook and our dedication to keeping equipment all around the world running clean into the 21st century.

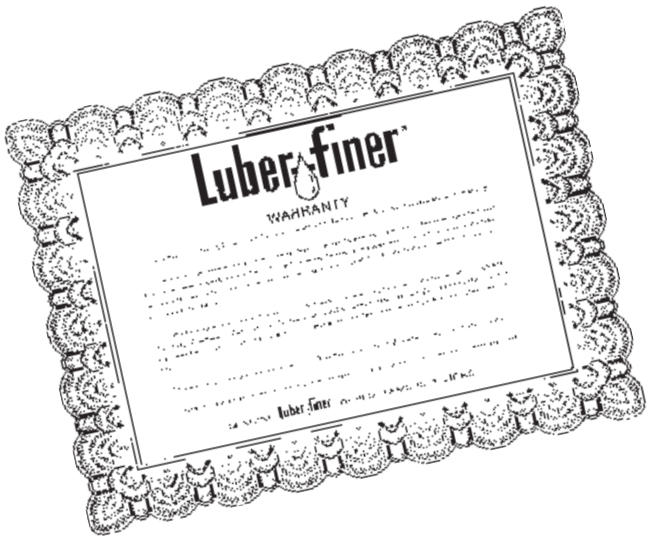
In 1936 we invented the by-pass filtration system. Since then, we have remained on the forefront of filter technology, manufacturing filters for a variety of uses. Today we offer a complete line of filters for many applications including heavy equipment, trucks, automotive, marine, agriculture, and mining.

In an effort to accommodate a global market, we are including "user-friendly" installation instructions in universal symbols directly on the filter that are easily understood by anyone, anywhere in the world.

We use only recycled paper for automotive filter packaging, and we shrink wrap our heavy duty mylar labelled filters for ultimate protection from corrosion and contamination before installation on expensive equipment.

Genuine Luber-finer filters, the name for quality filters for more than 60 years.

Please ask for more information on your specific application requirements.



Luber-Finer is used by the following original equipment manufacturers:

•Caterpillar •Caterpillar/Mitsubishi Forklift •Chrysler of Canada •Delphi Automotive Systems •Detroit Diesel •Ford Motor Company •Ford of Canada •Ford Truck Division •General Motors of Canada •John Deere •Mazda of Canada •Navistar •Opel •Volkswagen of America •Volkswagen AG •Volkswagen of Canada

FILTER CUTTER
Cuts filters ranging from 2" - 6".
Part No. FC1HD.

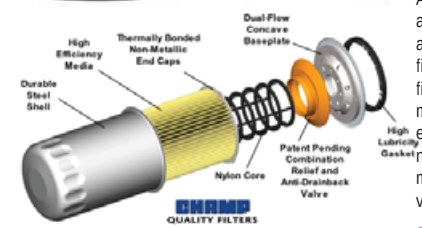
FILTER MINDER®
Air cleaner indicator kit with adapter fitting. Indicates air filter condition by measuring restriction caused by clogged filter.
Part No. RG4082.

CHAMP

Filtration Products

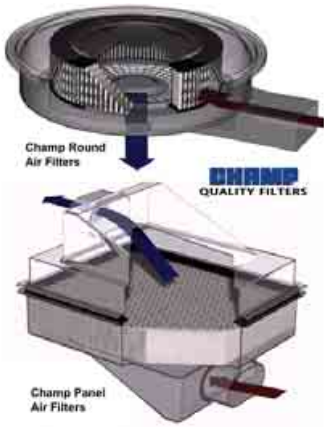
CHAMPION LABORATORIES, INC.
A UCI Company

Gregg Distributors carries the Champ line of air filters and oil filters. Please ask for further information on this line today.



Quality Champion Manufactured Oil Filters: The Most Trusted Name in Filters!
Manufactured with only the highest quality components, Champ Quality Oil Filters offer exceptional performance at exceptional prices.

All Champ Quality Oil Filters are made alongside the world's leading private label and original equipment manufacturer's filters. This ensures the most stringent filter construction requirements are met for maximum protection on today's demanding engines. Champ filters not only meet, but normally exceed original equipment requirements for fit, function and total replacement value.



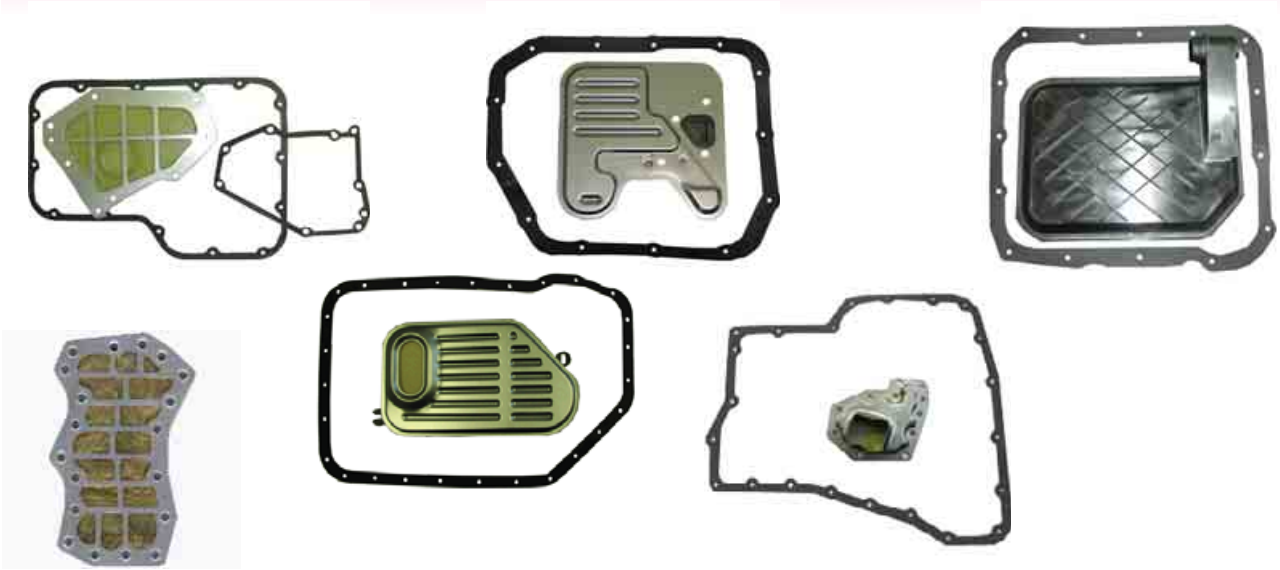
Quality Champion Air Filters: Improve Fuel Economy!
Champ air filters are constructed with specially blended filter media for optimal dirt-holding capacity, filtering efficiency and maximum protection for your engine from harmful contaminants. Available in a broad range of sizes for virtually all applications, Champ air filter's advanced features ensure original equipment replacement fit, function, and performance.

FUEL FILTERS

These are representative images only. Please ask for further information on the line of G.K. Filters.

BREATHER ELEMENTS

TRANSMISSION FILTER KITS



POWER STEERING FILTERS

CABIN AIR FILTERS

PART NO.	APPLICATION	CROSS REFERENCE
CF1004	1995-00 Ford Contour 1995-01 Mercury Mystique, Cougar	OE: F5RZ-19N619-C Motorcraft: FP4 Fram: CF8046
CF1005	1995-98 Lincoln cars	OE: F50Y-19N619-C Motorcraft: FP16 Fram: CF8045
CF1006	1996-01 Ford Taurus, Mercury Sable	OE: F6DZ-19N619-C Motorcraft: FP14
CF1007	1998-01 Ford F-150, F-250 trucks 1999-01 Expedition, Navigator	OE: F65Z-19N619-AB Motorcraft: FP7A
CF1008*	1997-00 Chevrolet Venture 1997-00 Olds Silhouette 1997-00 Pontiac Transport & Montana	OE: 5247-0574 Delco: CF100
CF1009	1995-01 Lincoln	OE: F80H-19N619AA Motorcraft: FP-13
CF1010	1999-01 Ford Windstar	OE: XF2H-19N16AC
CF1011	1997-01 Buick Century 1997-01 Buick Regal 1998-01 Olds Intrigue 2000-01 Chev Impala 1998-01 Chev Lumina, Monte Carlo	OE: 10406026 Delco: CF102
CF1012*	1999-02 Chev Silverado 1999 GMC Sierra 2000-01 GMC Surburban & Yukon 2000-01 Chev Tahoe 2002 Cadillac Escalade	OE: 52473340
CF1013*	1998-01 Honda Accord	OE: 204381-HAS8A-40
CF1038	2002 Chrysler, Dodge Caravan	Chrysler: 82205905
CF1039	2002 Saturn Vue	G.M. (Saturn) 22665802
CF1040	2002 Toyota, Pontiac, Corolla, Matrix, Vibe	Toyota: 88568-02020
CF1041	2002 Toyota, Camry	Toyota: 87139-32010
CF1042	2002 Lexus LS/GS430	Lexus: 87139-50030
CF1043	2002 Lexus GS300	Lexus: 8713930010
CF1044*	2002 Chevrolet, GMC, Venture, Montana	G.M.: 10302760
CF1045	2002 Lincoln LS	Ford: XW4Z-19N619-AC
CF1049	2001-05 Volvo C70, S60, S80, V70; 2004- on XC70, XC90	OE: Volvo 9171750 Purolator: C45508 Champion: CAF1739 Hastings: AF1145 Wix: 24818
CF1056	2004-05 Nissan Quest	OE: Nissan 27299-5Z000 Wix: 24855
CF1057	2005- 2007 Ford Mustang	OE: 4R3219N619AA
CF1058	2004-05 Nissan Titan, Pathfinder	OE: Nissan 999M1-UP005 Wix: 24854
CF1059	2004-05 Mazda 6	OE: Mazda GK3J-61-148 Wix: 24907
CF1060	2000-04 Toyota Echo, 2001-02 MPV, 2003 Celica, 2003-05 Pirius, 2005 4Runner, 2005 Sienna	OE: Toyota 87139-48020 Purolator: C35516 Hastings: AF1154 Wix: 24875
CF1061	2003-05 Cadillac CTS, 2005 STS, 2005 SRX	OE: GM 25740404 Champion: CAF1779 Hastings: AF1155 Wix: 24869
CF1062	2003 Jeep Grand Cherokee	OE: Chrysler 5013595AB Wix: 24903
CF1063	2003-05 Infiniti G35, FX35, FX45; 2005 Nissan Altima, Sentra, Murano	OE: Infiniti B727A-79925 Purolator: C35530 Wix: 24857
CF1064	2004-05 Chrysler 300	OE:Chrysler 04596501AB
CF1096	2006 Toyota RAV4, Yaris	OE: 8713952020
CF1097	2006 Toyota Camry, 2005 Toyota Avalon, 2007 Toyota Tundra, Camry Hybrid, 2006 Lexus GS300	OE: 8713907010
CF1099	2005 Nissan Frontier, Pathfinder, Xterra	OE: 27274EA00; 999M1VR056
CF1101	2003 - 2006 Suzuki XL-7, Grand Vitara	OE: 9586154J00
CF1102	2000 - 2006 NissanMurano, Altima, Sentra, Maxima; Infiniti FX35, FX45, G35	OE: 999M1VP051

*Pack of 2

Automotive & Heavy Duty Fleet Products

DUTTON-LAINSON
Fuel Tank Filters & Parts

WATER-BLOCK® WATER ABSORBING FUEL FILTER

Removes water from gasoline and diesel fuel. 15 micron filtration. Water absorbing polymers trap water, restricting fuel flow when it is time to replace the element. May be used by itself or in combination with a #495 fuel filter for added protection against microscopic particle contamination. 9½" high x 4" diameter.
Part No. 496.

FUEL FILTER

For removing microscopic particles (10 microns) of rust, sand, dirt, scale, and lint. 366 sq. inches of filter surface for efficient action. Unit works well by itself or in combination with the #496 fuel filter for added protection from water in the fuel. 9½" high x 4" diameter.
Part No. 495.

ACCESSORIES

Part No. 495-4, Replacement bowl.
Part No. 470-15, Stainless steel strainer, 40 mesh.
Part No. 470-16, Stainless steel strainer, 80 mesh.
Part No. 470-1, Top cap for use with 400 series filters. Heavy duty zinc die cast, 1" NPT fittings.
Part No. 470-5, Standard 10 micron replacement filter element.
Part No. 496-5, Water-Block® water absorbing replacement filter element.
Part No. 491, Fuel filter wrench fits #495-4 filter bowl for easy, damage-free removal.

495-4

470-16

470-5

491

STANDARD SPIN-ON FUEL FILTER

For use with gasoline, and diesel fuels. Filters microscopic particles (10 microns) of rust, sand, dirt, scale, and lint. 510 sq. inches of filtration area. Working pressure up to 50 psi. Maximum recommended working conditions: 50 psi and/or 12 gpm. Ideal for farm, construction, industrial, and service station use.
Part No. 595.

WATER-BLOCK® SPIN-ON FUEL FILTER

For use with gasoline and diesel fuels. Filters microscopic particles (10 microns) and absorbs water from fuel. Restricts fuel flow as water is absorbed, signalling the need for an element change. 201 sq. inches of filtration area. Maximum recommended working conditions: 50 psi and/or 12 gpm. Ideal for farm, construction, and service station use.
Part No. 596.

ACCESSORIES

Part No. 570-1, Top cap for use with 500 series spin-on fuel filters. Heavy duty zinc die-cast. With 1" NPT pipe fittings.
Part No. 595-5, Standard filter - replacement canister only.
Part No. 596-5, Water-Block® filter - replacement canister only.

570-1

BUYERS
Hydraulic Pumps & Accessories

H21 SERIES HYDRAULIC PUMPS

PART NO.	MOUNTING	OUTBOARD BEARING	SHAFT	FLOW @ 1000 RPM	PRESSURES TO	NPT PORTS		GEAR WIDTH
						SIDE	REAR	
H2134171	4 Bolt B	N	7/8-13 Spline	13	2500	1¼"	1"	1¾"
H2134201	4 Bolt B	N	7/8-13 Spline	15.5	2500	1¼"	1"	2"
H2134173	4 Bolt B	Y	1" Keyed 1/4 KW	13	2500	1¼"	1"	1¾"
H2134203	4 Bolt B	Y	1" Keyed 1/4 KW	15	2500	1¼"	1"	2"

H50 SERIES HYDRAULIC PUMPS

PART NO.	MOUNTING	OUTBOARD BEARING	SHAFT	FLOW @ 1000 RPM	PRESSURES TO	NPT PORTS		GEAR WIDTH
						SIDE	REAR	
H5034201	4 Bolt SAE B	N	7/8-13 Spline	20	2500	1¼"	1-1/4"	2"
H5034251	4 Bolt SAE B	N	7/8-13 Spline	24	2500	1½"	1-1/4"	2½"
H5034203	4 Bolt SAE B	Y	1" Keyed 1/4 KW	20	2500	1¼"	1-1/4"	2"
H5034253	4 Bolt SAE B	Y	1" Keyed 1/4 KW	24	2500	1½"	1-1/4"	2½"

Hydraulic Pumps & Accessories

REMOTE & DIRECT MOUNT HYDRAULIC PUMPS WITH MANUAL VALVES

Cast iron roller bearing dump pump is designed for 2 or 3 line installations. Pump is completely rebuildable and comes complete with mounting bracket.
Part No. BPC1010, Remote Mount Manual Valve Hydraulic Pump/Valve. 1" round shaft, 1/4" x 1¼" keyway.
Part No. BPC1010DMCW, For clockwise rotation, direct mount.
Part No. BPC1010DMCCW, For counterclockwise rotation, direct mount.

BPC1010

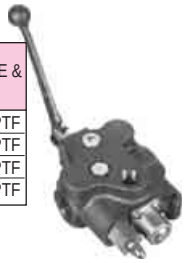
BPC1010DM-

SINGLE SPOOL DIRECTIONAL CONTROL VALVES

Rated to 2500 psi working pressure, maximum shock and surge pressure 4000 psi; rated flow capacity 30 gpm. 3 mounting holes for 3/8" bolts.

PART NO.	SPOOL ACTION	POWER BEYOND	PORT SIZE & TYPE
HV13AG00B0	3-way spring centre	None	All 3/4" NPTF
HV13AG1EB0	3-way spring centre	Yes	All 3/4" NPTF
HV11AG00B0	4-way spring centre	None	All 3/4" NPTF
HV11AG1EB0	4-way spring centre	Yes	All 3/4" NPTF

Part No. VH1, Handle and Linkage Assembly (Sold Separately).



TWO POSITION PRESS SHIFT SELECTOR VALVE

Press Shift can be shifted under full line pressure. Press Shift selector valves are designed with a hydraulically balanced spool that allows them to be shifted under full line pressure. System pressure is bled off to a low pressure leg before reaching the seal, resulting in a reduced effort required to shift the spool. The seal is therefore operated in an unloaded condition. 1" NPTF, 306 gpm.
Part No. HSV100.

AIR SHIFT CYLINDER FOR HYDRAULIC PUMP WITH MANUAL VALVE

Converts manual pump operation to pneumatically controlled pump. Comes complete with pump activator cylinder and mounting hardware.
Part No. AS301.

P.T.O./PUMP VALVE

Controlled lowering (feathering); automatic disengagement of the P.T.O. in "Lower".
Part No. K90, Valve only.
Part No. K90C, Single oval cabinet console for #K90 valve.
Part No. K90D, Valve with spring return raise (dead man control).

K90

K90C

37 GALLON RESERVOIR

12 gauge H.R.P.O. steel with welded mounting angles. ¼ turn chrome filter breather w/ wire basket strainer; site level gauge; interior baffle between suction and discharge. 2" NPT suction port and 1¼" NPT return. Magnetic drain plug with sump. Black.
Part No. SMR37S.

SIDE-MOUNT POLYETHYLENE RESERVOIR

Designed for applications where behind the cab mounting space is unavailable, making the SMR50P ideal for dump truck and garbage truck applications. •50 gallon capacity •Heavy duty construction (.375" min. thickness) •No rust, dents, peeling, slag or oxidation •Easily adapts to 2 or 3 lines for most dump trailer applications. Complete system includes: •Maintenance free textured poly reservoir •Fluid sight level/thermometer gauge •Raised antislosh fill neck with ¼ turn 40 Micron chromed filler cap •All mounting hardware and straps
Part No. SMR50P.

HYDRAULIC RESERVOIRS WITH INTEGRAL BRACKETS

7 Gallon Reservoirs - Features: •10 and 12 gauge steel construction •¾" screen in breather cap •¾" magnetic drain plug •1¼" suction ports •1" return ports •Factory powder coated •Multiple mounting positions
15, 25 Gallon & 30 Gallon Reservoirs - Features: •13 gauge H.R.P.O. steel •Welded mounting angles •¼ turn chrome filler breather w/basket strainer •Oil level gauge with temperature indicator •Interior baffle between suction and discharge •Large 2" NPT suction ports •Magnetic drain plug •Factory powder coated •Fully tested. 30 Gallon Reservoir - Additional Features: •Top drain port •Port to accommodate breather monitor kit (in cab warning light) •Port to accommodate fluid level gauge (light indicator in cab)
Part No. SMR7S, 7 gallon Reservoir, 7 usable gallons.
Part No. SMR15S, 15 gallon Reservoir, 11 usable gallons.
Part No. SMR25S, 25 gallon Reservoir, 18 usable gallons.
Part No. SMR30S, 30 gallon Reservoir, 30 usable gallons.

UPRIGHT POLYMER RESERVOIR

Extra large capacity reservoir (50-55 gallon usable), constructed from rugged reinforced polyethylene. Features: •Dual 2" NPT field serviceable port, heavy duty strapless hold down system, powder coated steel mounting saddle, screw in diffuser (2" to 1¼"), sight temperature gauge, heavy duty chain mounted 40 micron filler breather cap
Part No. UR50P.

Hydraulic Pumps & Accessories

UPRIGHT STEEL RESERVOIR

Sturdy 12 gauge steel construction is fully baffled and includes a ¼ turn filler breather unit and domed vent.
Part No. UR50S, 50 gallon Reservoir, 50 usable gallons.
Part No. UR70S, 70 gallon Reservoir, 67.5 usable gallons.

OPTIONAL EQUIPMENT

Part No. UR50FB, Upright frame bracket kit.
Part No. UR50MK, Upright tank spring kit.

SIDE MOUNT STEEL RESERVOIR

13 gauge steel construction is fully baffled and includes a ¼ turn filler breather unit.
Part No. SMS50S, 50 gallon, 25" x 9.63".
Part No. SMS70S, 70 gallon, 35" x 14.63".

BRACKET KIT

Part No. SMS005BK, Side mount bracket kit w/ stainless steel straps for 50 and 70 gallon reservoirs.

SIDE MOUNT ROUND ALUMINUM RESERVOIR

Features: •Large 2" NPT suction return/port •1¼" NPT return port/drain on bottom •¾" NPT port on top •¼ turn chrome filler breather w/basket strainer •Material: 11 gauge ref. sheel .118 thick, 12 gauge ref. heads .100 thick •Includes: tank - bracket straps (pair) - insulators dia. 24".
Part No. SMC50A, 50 gallon, 48 usable gallons. Tank dimensions 25"D x 27½"L.
Part No. SMC70A, 70 gallon, 70 usable gallons. Tank dimensions 25"D x 39½"L.

Filter Assemblies & Parts

HFA1 SERIES

•200 psi working pressure •Flows up to 15 gpm for return and 5 gpm for suction line applications •¾" NPT ports •(2) 1/8" NPT gauge ports
Part No. HFA11015, 10 micron hydraulic filter assembly, 15 psi bypass.
Part No. HFA11025, 10 micron hydraulic filter assembly, 25 psi bypass.
Part No. HFA12515, 25 micron hydraulic filter assembly, 15 psi bypass.
Part No. HFA12525, 25 micron hydraulic filter assembly, 25 psi bypass.
Part No. FH115, 15 PSI bypass filter head.
Part No. FH125, 25 PSI bypass filter head.
Part No. U1L3FE, Replacement 10 micron filter element.
Part No. U1L6FE, Replacement 25 micron filter element.

HFA11025

HFA2 SERIES

•150 psi working pressure •Flows up to 45 gpm for return and 12 gpm for suction line applications •1¼" NPT ports •(4) 1/8" NPT gauge ports
Part No. HFA21015, 10 micron hydraulic filter assembly, 15 psi bypass.
Part No. HFA21025, 10 micron hydraulic filter assembly, 25 psi bypass.
Part No. HFA22515, 25 micron hydraulic filter assembly, 15 psi bypass.
Part No. HFA22525, 25 micron hydraulic filter assembly, 25 psi bypass.
Part No. FH215, 15 PSI bypass filter head.
Part No. FH225, 25 PSI bypass filter head.
Part No. U3L3FE, Replacement 10 micron filter element.
Part No. U3L6FE, Replacement 25 micron filter element.

HFA21015

HFA3 SERIES

•150 psi working pressure •Flows up to 100 gpm for return and 35 gpm for suction line applications •1½" NPT ports
Part No. HFA31015, 10 micron hydraulic filter assembly, 15 psi bypass.
Part No. HFA31025, 10 micron hydraulic filter assembly, 25 psi bypass.
Part No. HFA32515, 25 micron hydraulic filter assembly, 15 psi bypass.
Part No. HFA32525, 25 micron hydraulic filter assembly, 25 psi bypass.
Part No. FH315, 15 PSI bypass filter head.
Part No. FH325, 25 PSI bypass filter head.
Part No. U3L3FE, Replacement 10 micron filter element.
Part No. U3L6FE, Replacement 25 micron filter element.

HFA32525

HFA4 SERIES

•150 psi working pressure •Flows up to 90 gpm for return and 20 gpm for suction line applications •1½" NPT ports and 2" SAE ports
Part No. HFA41015, 10 micron hydraulic filter assembly, 15 psi bypass.
Part No. HFA41025, 10 micron hydraulic filter assembly, 25 psi bypass.
Part No. HFA42515, 25 micron hydraulic filter assembly, 15 psi bypass.
Part No. HFA42525, 25 micron hydraulic filter assembly, 25 psi bypass.
Part No. FH415, 15 PSI bypass filter head.
Part No. FH425, 25 PSI bypass filter head.
Part No. U3L3FE, Replacement 10 micron filter element.
Part No. U3L6FE, Replacement 25 micron filter element.

HFA42515

HFA5 SERIES

•100 psi working pressure •Flows up to 50 gpm •For use with mineral and petroleum based fluids •Elements replaceable through filter cover •Operating temperature -30°C to 100°C •Aluminum casting and Buna-N seals •1¼" NPT and 1½" SAE flange
Part No. HFA51025, 10 micron tank immersed return filter, 25 psi bypass.
Part No. HFA52525, 25 micron tank immersed return filter, 25 psi bypass.
Part No. U5L3FE, Replacement 10 micron filter element.
Part No. U5L6FE, Replacement 25 micron filter element.

HFA52525

BUYERS

Filter Assemblies & Parts

INDICATOR GAUGES

Part No. HSP15P, Return line pressure gauge, 1/8-27 NPTF ports, white dial with 0 - 100 psi dual scale.
Part No. HSP15V, Suction line vacuum gauge, 1½" dial with 1/8" NPT stem.

OIL LEVEL GAUGE WITH TEMPERATURE INDICATOR

Part No. LDR02, Heavy duty aluminum cast body construction makes this the most rugged gauge available.

SIGHT LEVEL GAUGE

Part No. HSG075, ¾" NPT, zinc plated steel, rated at 125 psi, 250°F.
Part No. HSG100, 1" NPT, zinc plated steel, rated at 125 psi, 250°F.

RESERVOIR ACCESSORIES

Part No. TFA005715, Filler-strainer breather cap assembly.
Part No. TFA005715L, Filler-strainer breather cap assembly c/w locking tab.
Part No. BC40, Filler-strainer breather cap assembly c/w plastic basket.
Part No. TC0015, Replacement breather cap c/w chain.
Part No. TAF001, Filler-breather weld flange adapter.
Part No. BEC061A, Chrome push-in type breather cap for 1½" O.D. tube.
Part No. BEC061AB, Black push-in type breather cap for 1½" O.D. tube.
Part No. HBF2, 1/8" NPT 40 micron breather cap.
Part No. HBF4, ¼" NPT 40 micron breather cap.
Part No. HBF6, 3/8" NPT 40 micron breather cap.
Part No. HBF8, ½" NPT 40 micron breather cap.
Part No. HBF12, ¾" NPT 40 micron breather cap.
Part No. HBF12P, ¾" NPT 40 micron breather cap - plastic
Part No. HBF16, 1" NPT 40 micron breather cap.

Filler-Strainer Breather Cap Assembly

Breather Cap

Push-In Type Breather Cap

MAGNETIC PLUG

Part No. PPM12, ¾" NPT magnetic pipe plug.

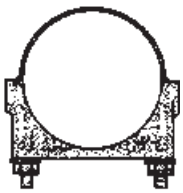
NELSON

Exhaust & Intake Products

HEAVY DUTY EXHAUST CLAMPS

SIZE	GUILLOTINE •Forms 360° seal •Zinc or chrome plated		FLAT BAND •3/8" U-bolt •Zinc or chrome plated		WELDED SADDLE •3/8" U-bolt •Extra long U-bolt for use w/ brackets •Zinc plated	TORCTITE™ •Pre-formed clamps stop leaky gaps •Can be reused •Aluminized or stainless steel •Lap or Butt joint				EASYSEAL™ •Works on lap joints only •One time use
	Zinc	Chrome	Zinc	Chrome		LAP		BUTT		
						Aluminized	Stainless Steel	Aluminized	Stainless Steel	
2.00"	89541K	-	-	-	-	90350B	-	90370B	90380C	89521K
2.25"	89542K	-	-	-	-	90351B	-	-	-	89522K
2.50"	89543K	-	-	-	-	90352B	90362B	90372B	-	89523B
2.75"	89544K	-	-	-	-	90353B	90363B	90373B	-	89524B
3.00"	89545K	-	89556K	89566K	90866A	90354B	90364B	90374B	-	89525B
3.25"	89546K	-	-	-	-	-	-	-	-	-
3.50"	89547K	-	89557K	89567K	-	90355B	90365B	90375B	-	89526B
4.00"	89548K	89548C	89558K	89568K	90867A	90356B	90366B	90376B	90386B	89527B
4.50"	90092A	-	-	-	-	90357B	90367B	90377B	-	-
5.00"	89549K	89549C	89559K	89569K	90868A	90358B	90368B	90378B	90388B	89528B
5.50"	-	-	90161K	-	-	-	-	-	-	-
6.00"	89550K	89550C	89560K	89570K	-	90359B	90369B	90379B	90389B	89529K

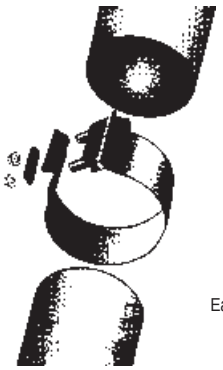
Guillotine



Flat Band

Welded Saddle

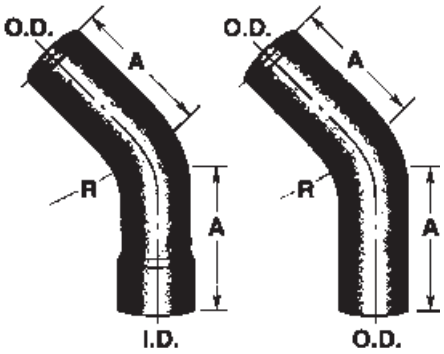
TorcTite Lap



TorcTite Butt

EasySeal

NELSON Industries, Inc.



45° EXHAUST ELBOWS

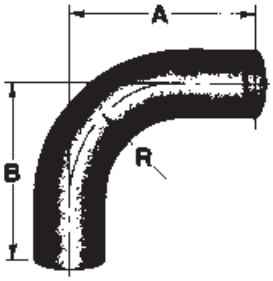
•16 gauge aluminized steel •Bright, exceptional quality chrome •Most popular sizes are listed; please ask for more information on other sizes and angles not listed

DIAMETER	(A) LEG LENGTH	CENTRE LINE RADIUS (R)	PART NUMBER		
			I.D. - O.D.		O.D. - O.D.
			Aluminized	Chrome	Aluminized
3.00”	7.00	6.00”	89073A	-	89083A
3.50”	10.50	6.00”	89077A	-	89087A
4.00”	8.00	6.00”	89780A	89780C	89782A
4.00”	12.00	6.00”	89074A	89074C	89084A
5.00”	8.00	8.00”	89781A	89781C	89783A
5.00”	15.00	8.00”	89075A	89075C	89085A
6.00”	18.00	10.00”	89076A	-	89086A

90° EXHAUST ELBOWS

•Both ends O.D. •16 gauge aluminized steel •Bright, exceptional quality chrome •Most popular sizes are listed; please ask for more information on other sizes and angles not listed

DIAMETER	(A) LEG LENGTH	(B) LEG LENGTH	CENTRE LINE RADIUS (R)	PART NUMBER	
				Aluminized	Chrome
2.00”	9.00	9.00	4.00	89110A	-
2.25”	10.00	10.00	4.25	89231A	-
2.50”	12.00	12.00	4.25	89111A	-
2.75”	10.00	10.00	5.50	89233A	-
3.00”	10.00	10.00	6.00	89113A	-
3.00”	14.00	14.00	6.00	89234A	-
3.50”	9.00	9.00	6.00	89235A	-
3.50”	16.00	16.00	6.00	89114A	-
4.00”	12.00	12.00	6.00	89116A	-
4.00”	18.00	18.00	6.00	89115A	89115C
5.00”	10.00	10.00	8.00	89126A	-
5.00”	15.00	15.00	8.00	89117A	89117C
5.00”	20.00	20.00	8.00	89118A	-
5.00”	25.00	25.00	8.00	89127A	-
6.00”	20.00	20.00	10.00	89119A	-

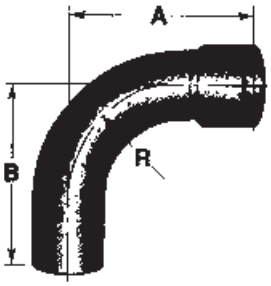


90° EXHAUST ELBOWS

•One end O.D., one end I.D. slotted •16 gauge aluminized steel •Bright, exceptional quality chrome •Most popular sizes are listed; please ask for more information on other sizes and angles not listed

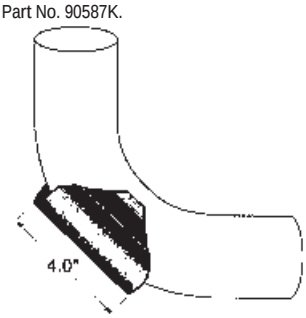
DIAMETER	(A) LEG LENGTH	(B) LEG LENGTH	CENTRE LINE RADIUS (R)	PART NUMBER	
				Aluminized	Chrome
2.00”	9.00	9.00	4.00	89098A	-
2.25”	10.00	10.00	4.25	89230A	-
2.50”	10.00	10.00	4.25	89099A	-
2.75”	10.00	10.00	5.50	89232A	-
3.00”	8.00	8.00	6.00	89101A	89101C
3.00”	14.00	14.00	6.00	89102A	89102C
4.00”	6.00	6.00	4.50	89923A*	89923C
4.00”	10.00	8.00	4.50	90562A	-
4.00”	10.00	10.00	6.00	89105A	89105C
4.00”	18.00	18.00	6.00	89106A	89106C
4.50”	12.00	12.00	6.50	90463A	-
5.00”	8.50	8.50	5.50	89924A	89924C
5.00”	10.00	10.00	8.00	89784A	89784C
5.00”	15.00	15.00	8.00	89107A	89107C
5.00”	18.00	18.00	8.00	89108A	89108C
5.00”	22.00	10.00	8.00	90082A	-
5.00”	22.50	29.50	8.00	90460A	-
6.00”	20.00	20.00	10.00	89109A	89109C

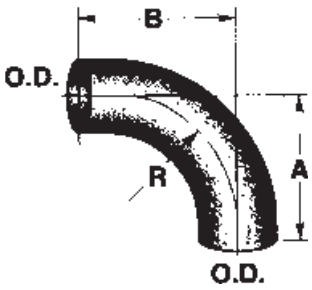
*14 gauge aluminized steel short radius



EXHAUST ELBOW/PIPE SHIELD

•Used on 3 through 5” O.D. exhaust tubes •Protects hoses and wiring from high temperatures •Installs in seconds anywhere on elbow or straight section using standard hose clamps (not supplied)
Part No. 90587K.





90° SHORT RADIUS ELBOWS

•For use in tight places where clearance is a problem •14 gauge aluminized steel •Bright, exceptional quality chrome

DIAMETER	(A) LEG LENGTH	(B) LEG LENGTH	CENTRE LINE RADIUS (R)	PART NUMBER
				Aluminized
3.00”	3.50	3.50	3.00	89091A
3.50”	4.00	4.00	4.00	89093A
4.00”	8.00	8.00	4.50	89094A
4.00”	9.00	15.00	4.50	89925A
5.00”	7.50	13.50	5.50	89926A
5.00”	10.00	16.00	5.50	89123A
5.00”	5.50	5.50	5.50	89097A
6.00”	6.50	6.50	6.00	89236A*

*16 gauge aluminized steel

TAIL PIPES

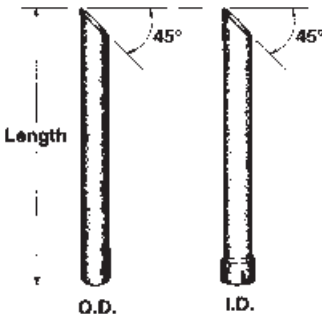
•For horizontal or vertical mounting •16 gauge aluminized steel •Bright, exceptional quality chrome

DIAMETER	LENGTH	PART NUMBER			
		STYLE A (I.D.)		STYLE B (O.D.)	
		Aluminized	Chrome	Aluminized	Chrome
2.00"	10.00"	89140A	-	-	-
2.13"	10.00"	90954A	-	-	-
2.50"	12.00"	89141A	-	89151A	-
2.75"	12.00"	89142A	-	-	-
3.00"	12.00"	89143A	89143C	89153A	-
3.50"	12.00"	89144A	89144C	89154A	-
4.00"	12.00"	90909A	90909C	90913A	-
4.00"	18.00"	89145A	89145C	89155A	89155C
4.50"	18.00"	90563A	-	-	-
5.00"	13.00"	90910A	90910C	-	-
5.00"	18.00"	89146A	89146C	89156A	89156C
6.00"	20.00"	89147A	-	-	-

MITERED WEST COAST (PETERBILT) STACK PIPES

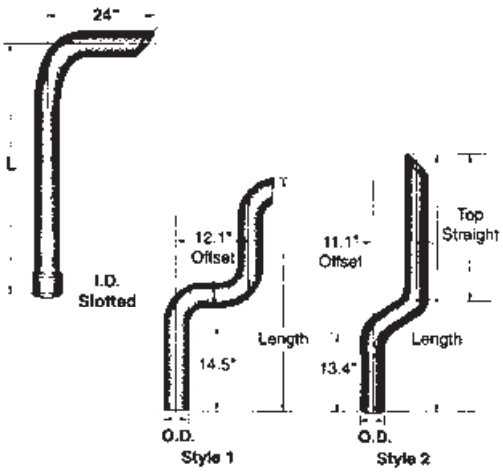
•Angle cut •16 gauge aluminized steel •Bright, exceptional quality chrome

DIAMETER	LENGTH	PART NUMBER	
		O.D.	I.D.
		Chrome	Chrome
4.00"	18.00"	-	89906C
4.00"	48.00"	-	90595C
5.00"	36.00"	89993C	-
5.00"	48.00"	89994C	-
5.00"	60.00"	90438C	90439C
5.00"	72.00"	90589C	90440C
5.00"	84.00"	-	90441C
5.00"	96.00"	90591C	90442C
5.00"	108.00"	-	90597C
5.00"	120.00"	-	90604C



MISCELLANEOUS STACK PIPES

•90° Curved Stack Pipes and Dump Truck Stacks are also available — please ask for your specific application requirements.



STACK PIPES — I.D. SLOTTED

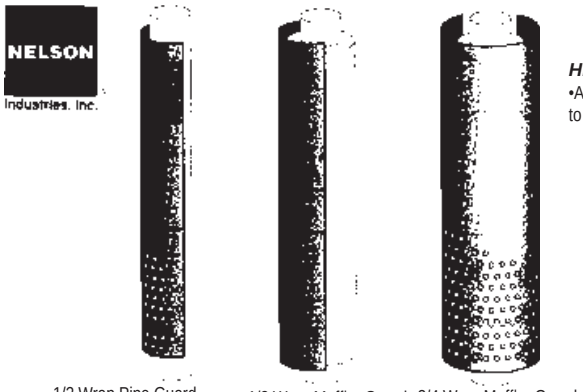
•16 gauge aluminized steel •Bright, exceptional quality chrome •Most popular sizes are listed; please ask for more information on other sizes and angles not listed

DIAMETER	LENGTH	PART NUMBER			
		STRAIGHT		CURVED	
		Aluminized	Chrome	Aluminized	Chrome
4.00"	18.00"	89216A	89216C	89145A	89145C
4.00"	24.00"	89025A	89025C	89055A	89055C
4.00"	36.00"	89026A	89026C	89056A	89056C
4.00"	48.00"	89027A	89027C	89057A	89057C
4.00"	60.00"	89217A	89217C	89226A	89226C
4.00"	72.00"	89919A	89919C	89985A	89985C
4.00"	84.00"	-	-	-	89986C
5.00"	18.00"	89218A	89218C	89146A	89146C
5.00"	24.00"	89028A	89028C	89058A	89058C
5.00"	36.00"	89029A	89029C	89059A	89059C
5.00"	48.00"	89030A	89030C	89060A	89060C
5.00"	54.00"	-	-	-	89998C
5.00"	60.00"	89031A	89031C	89227A	89227C
5.00"	72.00"	89920A	89920C	-	89988C
5.00"	84.00"	-	90610C	-	89989C
5.00"	96.00"	-	-	-	89990C
5.00"	108.00"	-	90612C	-	90526C
5.00"	120.00"	-	90613C	-	90614C
6.00"	24.00"	90904A	-	-	-
6.00"	36.00"	89219A	-	89223A	-

STACK PIPES — O.D.

•16 gauge aluminized steel •Bright, exceptional quality chrome •Most popular sizes are listed; please ask for more information on other sizes and angles not listed

DIAMETER	LENGTH	PART NUMBER			
		STRAIGHT		CURVED	
		Aluminized	Chrome	Aluminized	Chrome
4.00"	18.00"	-	-	89155A	89155C
4.00"	24.00"	89013A	-	89043A	89043C
4.00"	36.00"	89014A	89014C	89044A	89044C
4.00"	48.00"	89015A	89015C	89045A	89045C
4.00"	60.00"	89205A	89205C	89222A	89222C
4.00"	72.00"	89916A	89916C	89293A	89293C
4.00"	84.00"	-	-	-	89294C
4.00"	96.00"	-	-	89295A	89295C
5.00"	18.00"	-	-	89156A	89156C
5.00"	24.00"	89016A	89016C	89046A	89046C
5.00"	36.00"	89017A	89017C	89047A	-
5.00"	48.00"	89018A	89018C	89048A	89048C
5.00"	54.00"	-	90605C	-	89997C
5.00"	60.00"	89019A	89019C	89049A	89049C
5.00"	64.00"	-	-	-	89999C
5.00"	72.00"	-	89918C	89296A	89296C
5.00"	84.00"	-	-	-	89297C
5.00"	96.00"	-	90608C	-	89298C



1/2 Wrap Pipe Guard 1/2 Wrap Muffler Guard 3/4 Wrap Muffler Guard

HEAT GUARDS

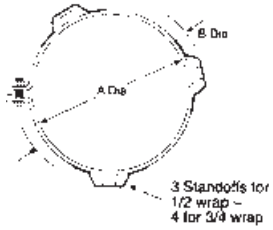
•Available in both aluminized and bright stainless steel •.75" diameter hole pattern •A clamp kit must be used to mount heat guards onto pipe or muffler

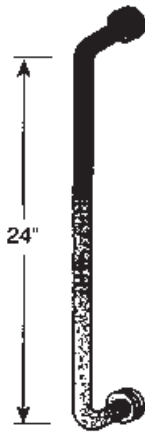
DESCRIPTION	GUARD WRAP	LENGTH	MATERIAL	PART NUMBER
4.00 - 5.00" pipe	1/2	48.00"	stainless	89744C
6.00" pipe	1/2	48.00"	stainless	90856C
8.50 - 10.50" muffler	1/2	48.00"	aluminized	89748A
8.50 - 10.50" muffler	1/2	48.00"	stainless	89747C
8.50 - 10.13" muffler	3/4	48.00"	stainless	89749C
8.50 - 10.13" muffler	3/4	51.00"	stainless	90555C

CLAMP KITS

•2 clamps per kit •Stainless mounting hardware supplied with each kit

A	B	1/2 WRAP PART NUMBER	3/4 WRAP PART NUMBER
4.00	5.75	89770K	-
5.00	6.75	89771K	-
6.00	7.75	90857K	-
8.50	10.25	89761K	-
9.00	10.75	89762K	89766K
10.12	11.85	89763K	89767K



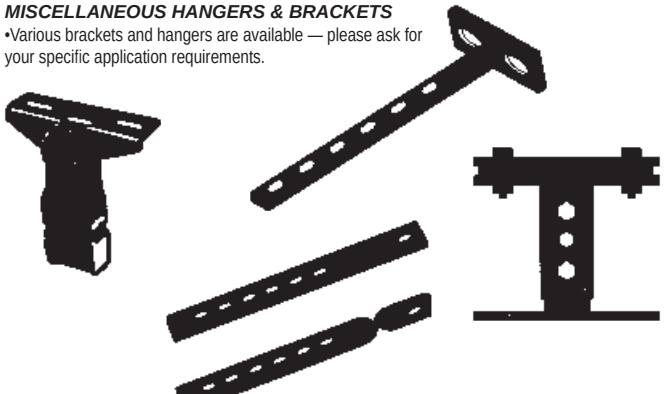


UNIVERSAL GRAB HANDLE

•Optional accessory for use with heat guards •Chrome plated
Part No. 89775K.

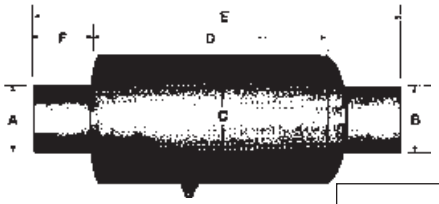
MISCELLANEOUS HANGERS & BRACKETS

•Various brackets and hangers are available — please ask for your specific application requirements.



UNIVERSAL SWIVEL HANGER

•Heavy reinforced rubber pad •Swivel design permits 360° •One piece construction installs in seconds •New closed end allows easy connection and assembly of loose system components
Part No. 89519K, 9.60" length.
Part No. 90843K, 17.30" length.



SPARK ARRESTORS

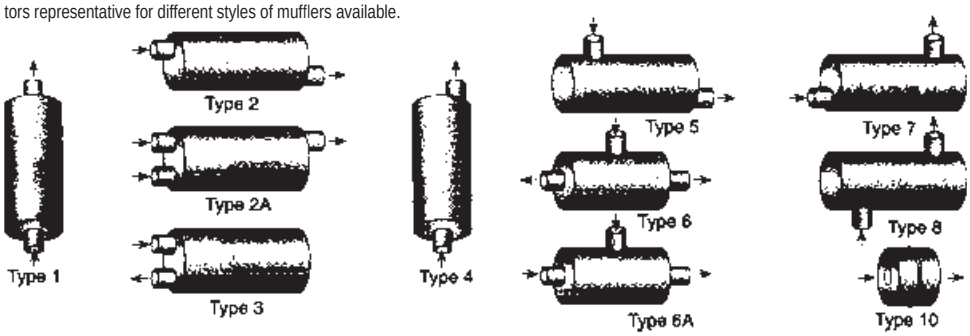
•Designed for universal application with a minimum of restriction on the engine. They work well as add-on units to existing exhaust systems. Their light weight and small size reduce stress and vibration to the rest of the exhaust system. Typical applications included logging and construction equipment, agricultural machinery, over-the-road trucks, airport equipment, forestry and military vehicles. •All arrestors exceed U.S. Forestry requirements, and are qualified and tested for vertical and horizontal installations under the U.S. Forestry Service Standard 5100-1b. •All inlets are slotted tube connections. Outlets are O.D. tubing. •CFM rating is based on a pressure drop of 1 psi.

A. (I.D.)	B (O.D.)	C	D	E	F	CFM RATING	PART NUMBER
2.00"	2.00"	5.62	6.40	11.00	2.00	295	49120B
2.50"	2.63"	5.62	8.60	12.80	2.00	450	49125A
3.00"	3.13"	6.62	10.20	14.90	2.50	660	49130A
3.50"	3.63"	7.62	12.00	17.60	3.00	900	49135A
4.00"	4.13"	8.50	14.60	21.20	3.40	1180	49140A
5.00"	5.13"	9.62	16.00	24.00	4.00	1840	49150A
6.00"	6.13"	12.12	22.00	27.00	2.00	2650	49160A

Exhaust & Intake Products

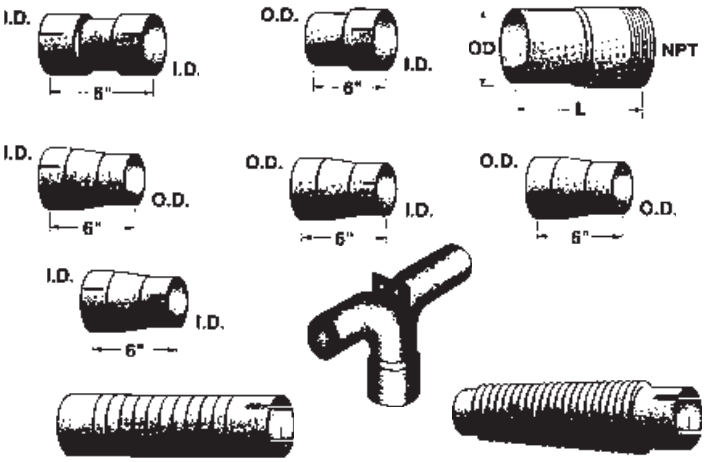
MUFFLERS

Gregg Distributors Ltd. has a number of different mufflers to suit a wide variety of applications manufactured by Nelson. Please contact a Gregg Distributors representative for different styles of mufflers available.



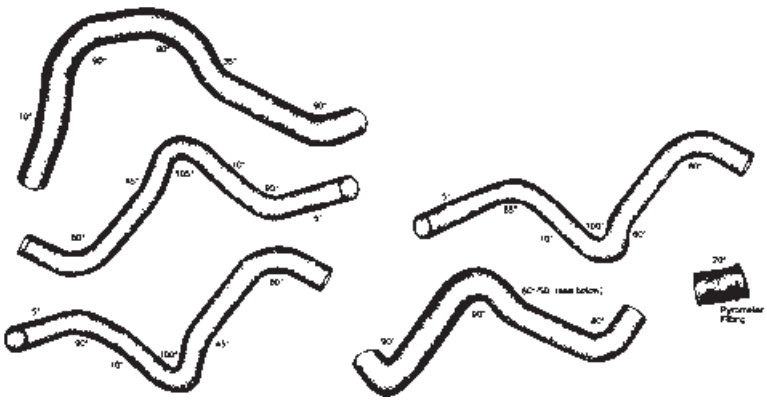
CONNECTORS , REDUCERS, & ADAPTERS

Gregg Distributors Ltd. also offers a variety of connectors and adapters. Please contact a Gregg Distributors representative for more information.

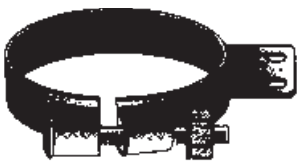


SPECIALTY TUBES

•Specialty tubes are available through special order to fit O.E.M. specifications.
Please ask for further information.



STACK SUPPORT BRACKET



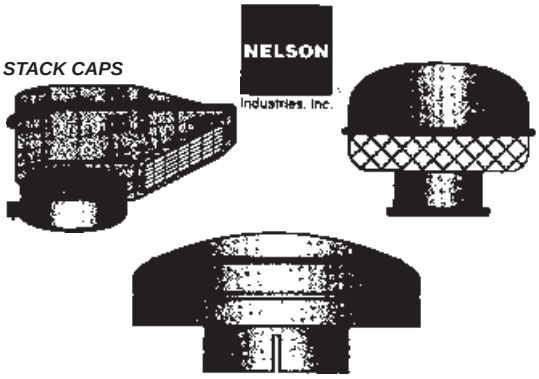
"MONSTER" STACKS

•Change the appearance of factory system by replacing standard 5" stack with 6". Obtain lower restriction and "dress up" your truck. Bright, exceptional quality chrome. 6" tubing sized down to fit 5" system, no weld joints.

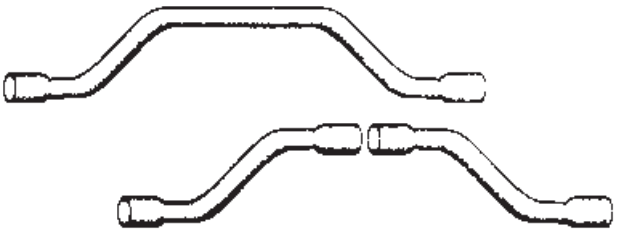
"PAK STAKS"

•Can reduce exhaust noise by 3 to 4 dbA •Mounts directly into existing system replacing the conventional stack •Aluminized steel, polished stainless steel or chrome plated

AIR INLET STACK CAPS

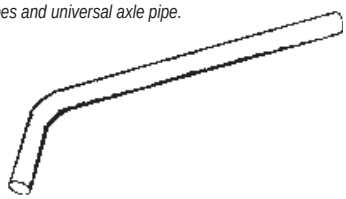


PIPE HANGERS & RAIN CAPS

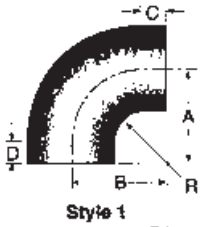


NELSON SCHOOL BUS EXHAUST SYSTEMS — "Protecting Your Interests."

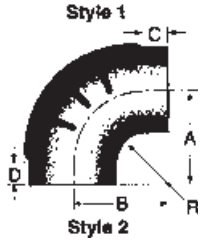
Exhaust system components for Bluebird, Ford, GMC/Chevrolet, International, and Thomas buses. *Exhaust pipes and universal axle pipe.*



AIR INTAKE COMPONENTS — 90° RUBBER ELBOWS



Style 1



Style 2

I.D.	O.D.	A	B	C	D	R	PART NUMBER	STYLE
2.00"	2.38"	5.50	5.75	-	-	1.75	89869K	1
2.50"	2.88"	4.25	4.25	-	-	1.75	89870K	1
3.00"	3.50"	5.25	5.25	1.75	1.50	2.00	89818K	1
3.50"	4.00"	5.50	5.50	1.75	1.50	2.00	89819K	1
4.00"	4.50"	5.75	5.75	1.75	1.50	2.00	89820K	1
4.50"	5.00"	6.00	6.00	1.75	1.50	1.75	89821K	1
5.50"	6.00"	6.50	6.50	1.75	1.75	1.75	89823K	2
5.50"	6.00"	8.00	5.50	4.50	1.50	1.00	89829K	2
6.00"	6.50"	7.00	7.00	2.25	2.00	1.75	89824K	2
6.00"	6.50"	5.00	5.00	1.50	1.50	1.00	89830K	2
6.00"	6.50"	7.00	9.00	4.25	2.00	1.75	89826K	2
7.00"	7.62"	7.56	7.56	2.25	2.00	1.75	89825K	2
8.00"	8.75"	8.50	8.50	2.00	2.25	2.12	89827K	2
10.00"	10.75"	10.50	10.50	2.25	2.25	3.12	89828K	2

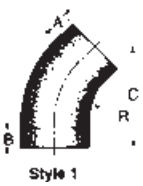
AIR INTAKE COMPONENTS — 45° RUBBER ELBOWS

Style 1

Style 2

I.D.	O.D.	A	B	C	R	PART NUMBER	STYLE
3.00"	3.50"	1.50	1.50	5.50	2.00	89803K	1
3.50"	4.00"	4.50	4.50	5.50	2.00	89804K	1
4.00"	4.50"	1.50	1.50	5.50	2.00	89805K	1
4.50"	5.00"	1.50	1.50	5.75	1.75	89806K	1
5.00"	5.50"	1.62	1.62	5.25	1.75	89807K	1
5.50"	6.00"	1.75	1.75	6.25	1.75	89808K	1
6.00"	6.50"	2.00	2.00	6.50	1.75	89809K	2
7.00"	7.62"	2.25	2.25	8.00	1.75	89810K	2
8.00"	8.75"	2.25	2.25	8.25	2.12	89811K	2
10.00"	10.75"	2.25	2.25	10.50	3.12	89812K	2

AIR INTAKE COMPONENTS — REDUCING 45° RUBBER ELBOWS



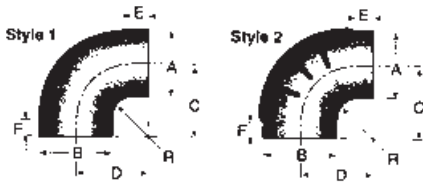
Style 1

Style 2

I.D.	O.D.	A	B	C	R	PART NUMBER	STYLE
6.00 x 5.50"	6.44"	1.75	1.75	6.50	4.87	89861K	1
7.00 x 6.00"	7.38"	2.00	2.00	7.38	5.56	89865K	2

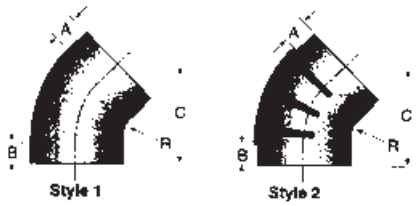
AIR INTAKE COMPONENTS — REDUCING 90° RUBBER ELBOWS

A (I.D.)	B (I.D.)	C	D	E	F	R	PART NUMBER	STYLE
5.00"	4.00"	5.75	6.00	1.69	2.00	1.50	89898K	1
5.00"	6.00"	7.00	6.00	1.50	1.70	1.50	89862K	2
5.50"	6.00"	6.75	6.75	1.75	1.75	1.75	89831K	2
5.00"	7.00"	6.75	6.75	1.75	2.75	1.50	89866K	2
5.50"	7.00"	5.75	6.25	1.50	1.50	.62	89832K	2
6.00"	7.00"	9.00	7.56	3.00	3.00	.50	89868K	2



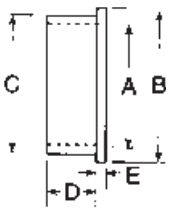
AIR INTAKE COMPONENTS — SPECIAL RUBBER ELBOWS

DEGREE	I.D.	O.D.	A	B	C	R	PART NUMBER	STYLE
22°	4.00	4.50	1.50	1.50	4.50	1.75	89800K	1
68°	4.50	5.00	1.50	1.50	6.75	1.75	89815K	1
22°	5.50	6.00	1.75	1.75	5.25	1.75	89801K	1
54°	5.50	6.00	1.75	1.75	7.75	2.50	89813K	1
68°	5.50	6.00	1.75	1.75	8.25	4.00	89816K	1
22°	6.00	6.50	1.75	1.75	5.25	1.75	89802K	1
38°	6.00	6.50	2.30	2.30	7.25	.72	89873K	1
54°	6.00	6.50	1.50	1.50	7.50	2.50	89814K	2
68°	6.00	6.50	1.75	1.75	8.50	4.00	89817K	2
63°	8.00	8.75	2.00	2.00	11.00	1.25	89874K	2



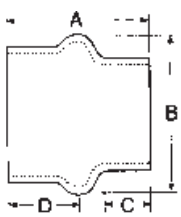
AIR INTAKE COMPONENTS — REDUCER INLET SLEEVE

A	B	C	D	E	PART NUMBER
4.00	5.00	4.50	1.50	.25	89860K
4.50	5.50	5.00	1.50	.25	89859K
5.00	6.00	5.50	1.50	.25	89858K
5.00	6.50	6.00	1.50	.50	89857K
5.50	6.50	6.00	1.50	.25	89856K



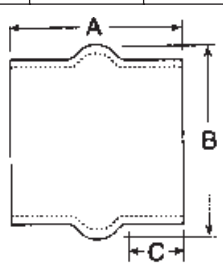
AIR INTAKE COMPONENTS — HUMP HOSE REDUCERS

I.D.	A	B	C	D	PART NUMBER
3.50 x 3.00"	6.00	5.00	2.31	3.00	89843K
4.00 x 3.00"	6.00	5.25	2.00	3.00	89844K
5.00 x 4.00"	6.00	6.25	2.00	3.00	89845K
5.50 x 4.00"	6.00	6.75	2.00	3.00	89846K
5.50 x 5.00"	6.00	6.25	2.25	3.00	89847K
6.00 x 5.00"	6.00	7.50	2.12	3.00	89848K
6.00 x 5.50"	6.00	7.50	2.12	3.00	89849K
7.00 x 5.50"	6.00	8.50	2.25	3.50	89854K
7.00 x 6.00"	6.00	8.50	1.75	3.00	89850K
8.00 x 5.50"	7.00	9.50	2.25	3.50	89855K
8.00 x 6.00"	6.00	9.50	2.00	3.00	89851K
8.00 x 7.00"	6.00	9.50	1.87	3.00	89852K
10.00 x 8.00"	6.00	11.50	2.00	3.00	89853K



AIR INTAKE COMPONENTS — HUMP HOSE

I.D.	A	B	C	PART NUMBER
3.00"	5.25	4.50	2.00	89833K
3.50"	5.25	5.00	2.00	89834K
4.00"	5.25	5.37	2.00	89835K
4.50"	5.25	5.87	1.75	89836K
5.00"	6.00	6.12	2.25	89837K
5.50"	6.00	7.00	2.25	89838K
6.00"	7.00	7.50	2.75	89839K
7.00"	7.00	8.50	2.50	89840K
8.00"	5.00	9.50	1.50	3316614S
10.00"	6.00	11.50	2.00	89842K



Exhaust & Intake Products

AIR INTAKE COMPONENTS — "T" BAR AIR INLET CLAMPS

•All stainless steel

NOMINAL *** CONNECTION	ACTUAL CLAMP I.D.	STANDARD CLAMP PART NO.	SPRING LOADED CLAMP PART NO.
2.00	2.25-2.50	89591K	-
2.50	2.75-3.06	89592K	-
NA	3.06-3.38	-	90588K
3.00	3.25-3.56	89580K	-
NA	3.56-3.88	-	90599K
3.50	3.75-4.06	89581K	-
4.00	4.25-4.56	89582K	-
NA	4.56-4.88	-	90616K
4.50	4.75-5.06	89583K	-
5.00	5.25-5.56	89584K	-
5.50	5.75-6.06	89585K	-
6.00	6.38-6.69	89586K	-
7.00	7.25-7.76	89587K	-
8.00	8.50-8.81	89588K	-
10.00*	10.50-11.00	89589K	-
10.00**	10.25-10.75	89590K	-

*For use with 45° and 90° Elbows

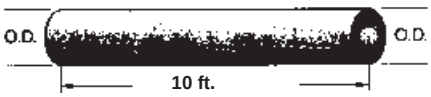
**For use with Hump Hose and Reducers

***Nominal I.D. dimension shown corresponds to I.D. dimension of rubber part being clamped

EXHAUST PRODUCTS

Straight Exhaust Tubing

10 ft. lengths electrically welded from heavy 16 ga. steel. (To order 10 ft. lengths of tubing please use suffix -10 after the part number.)



PART NO.	O.D.
ST-200	2"
ST-214	2-1/4"
ST-212	2-1/2"
ST-234	2-3/4"
ST-300	3"
ST-312	3-1/2"
ST-400	4"
ST-500	5"

Aluminum Air Intake Tubing

To order 10 ft. Lengths of tubing please use suffix -10 after the part number.

PART NO.	O.D.
ALT-400	4"
ALT-500	5"
ALT-512	5-1/2"
ALT-600	6"
ALT-700	7"
ALT-800	8"

Flexible Metal Hose

Standard length - 25 ft. (To order 25 ft. Lengths of hose please use suffix -25 after the part number.)

HEAVY DUTY GALVANIZED, .018 - .022 THICK

PART NO.	I.D.	O.D.
FMH300	3"	3-1/4"
FMH312	3-1/2"	3-3/4"
FMH400	4"	4-1/4"
FMH500	5"	5-1/4"
FMH600	6"	6-1/4"

LIGHT DUTY GALVANIZED, .010 - .012 THICK

PART NO.	I.D.	O.D.
F118	1"	1-1/8"
F114	1-1/8"	1-1/4"
F138	1-1/4"	1-3/8"
F112	1-3/8"	1-1/2"
F158	1-1/2"	1-5/8"
F134	1-5/8"	1-3/4"
F178	1-3/4"	1-7/8"
F200	1-7/8"	2"
F218	2"	2-1/8"
F214	2-1/8"	2-1/4"
F238	2-1/4"	2-3/8"
F212	2-3/8"	2-1/2"
F258	2-1/2"	2-5/8"
F278	2-3/4"	2-7/8"
F318	3"	3-1/8"
F358	3-1/2"	3-5/8"
F418	4"	4-1/8"
F518	5"	5-1/8"
F618	6"	6-1/8"

Stainless Steel Flex Hose

Heavy duty stainless steel. Standard length - 25 ft.
(To order 25 ft. lengths of hose please use suffix -25 after the part number.)

PART NO.	I.D.
SSH300	3"
SSH312	3-1/2"
SSH400	4"
SSH500	5"
SSH600	6"

Saddle Style Muffler Clamps

Note: Muffler clamps MC-125 to MC-162 use 5/16" U-bolts and all sizes larger use 3/8" U-bolts.

PART NO.	SIZE I.D.
MC-125	1-1/4"
MC-138	1-3/8"
MC-150	1-1/2"
MC-162	1-5/8"
MC-175	1-3/4"
MC-188	1-7/8"
MC-200	2"
MC-212	2-1/8"
MC-225	2-1/4"
MC-250	2-1/2"
MC-275	2-3/4"
MC-300	3"
MC-350	3-1/2"
MC-400	4"
MC-450	4-1/2"
MC-500	5"
MC-600	6"

Universal Hangers

Part No. FU-2200, Standard - fits 1½" - 2¼" pipes.

Exhaust Rain Caps

Automatic protection for vertical exhaust pipes. Keeps out dust, rain, snow, and insects. Heavy steel with nickel plated finish.

PART NO.	SIZE
RC-150	1-1/2"
RC-175	1-3/4"
RC-200	2"
RC-225	2-1/4"
RC-250	2-1/2"
RC-275	2-3/4"
RC-300	3"
RC-350	3-1/2"
RC-400	4"
RC-450	4-1/2"
RC-500	5"
RC-600	6"

Weather Caps

Clear zinc plated.

PART NO.	FITS PIPE SIZES
11200	1-1/2" to 1-11/16"
11201	1-3/4" to 1-15/16"
11202	2" to 2-3/16"
11203	2-1/4" to 2-7/16"
11204	2-1/2" to 2-11/16"
11205	2-3/4" to 2-15/16"
11206	3" to 3-3/16"
11207	3-1/2" to 3-11/16"
11208	4" to 4-3/16"
11209	4-1/2" to 4-11/16"
11210	5" to 5-1/4"

Exhaust Hose

Crushproof's rubber compound has been specially formulated to withstand up to 600°F of tailpipe exhaust temperatures, while maintaining maximum flexibility and durability. Crushproof's compounding has kept pace with the emergence of high heat producing catalytic converters and emission control devices.

FLARELOCK HOSE

The most popular hose line. The flared end allows multiple lengths to be connected without additional parts. This product should always be used with the appropriate adapter for your application. All hoses are 11 ft. long and the sizes shown refer to the inside diameter.

Part No. FLT200, 2" x 11 ft.
Part No. FLT250, 2½" x 11 ft.; for compact cars.
Part No. FLT300, 3" x 11 ft.; for passenger cars.
Part No. FLT350, 3½" x 11 ft.; for small truck, vans.
Part No. FLT400, 4" x 11 ft.; for gasoline trucks.

SUPERFLEX HOSE

Accordion-like stretch. Compressed rubber hose to prevent kinking at 180° bend over diesel stack.

Part No. 40-20SF, 4" x 20 ft.; for gasoline trucks.
Part No. 50-12SF, 5" x 12 ft.; for diesel trucks.

STAINLESS STEEL HOSE

For dynamometersor other high performance applications. Lightweight and flexible. Withstands 1650° F.

Part No. SS4000, 4" x 10 ft.
Part No. SS5000, 5" x 10 ft.

FABRIC/WIRE HOSE

Lightweight 600°F (intermittent) hose for use with overhead exhaust systems. Not designed for reel systems.

Part No. 401, 4" x 25 ft.; for gasoline trucks.
Part No. 501, 5" x 25 ft.; for diesel trucks.

ACT HOSE

Designed for use with larger gas vehicles and diesel trucks. Available with or without wire reinforcement to prevent kinking.

Part No. ACT400, 4" x 11 ft.; for gasoline trucks.
Part No. ACT400W11, 4" x 11 ft.; for gasoline trucks (inserted w/ 11 ft. wire).
Part No. 40-20, 4" x 20 ft.; for gasoline trucks.
Part No. ACT500, 5" x 11 ft.; for diesel trucks.
Part No. ACT500W11, 5" x 11 ft.; for diesel trucks (inserted w/ 11 ft. wire).
Part No. ACT600, 6" x 11 ft.; for diesel trucks.
Part No. ACT600W11, 6" x 11 ft.; for diesel trucks (inserted w/ 11 ft. wire).

CRUSHPROOF REEL HOSE

•Designed for use on hose reels and overhead exhaust systems •Most damage to reel hose systems occurs in the first five feet, but the Crushproof hose prevents that by adding 5 ft. of Crushproof rubber hose to a durable 20 ft. long section of lightweight fabric hose •Up to 315.5°C intermittent and 162.7°C constant •Includes an adapter

Part No. CPRH400, 4" x 25 ft. hose with DSR600 adapter.
Part No. CPRH500, 5" x 25 ft. hose with DSR600 adapter.
Part No. CPRH600, 6" x 25 ft. hose with DSR600-6 adapter.

Reel Not Included

TELESCOPING OVERHEAD SYSTEM

Lightweight system incorporates long lasting 600°F hose and components and is fully extendible to a 17 ft. length. Hoses can be shortened for low ceilings. Unit is easy to install and comes shipped completely assembled. Unit weighs only 30 lbs. and locking snaps allow it to be shut off.
Part No. TE6000.

"Y" ASSEMBLIES

Converts single hose length for dual exhaust vehicles.
Part No. YA300, Dual exhaust kit for 3" hose w/ straight adapter. Includes: two 4 ft. x 3" hose, one RY30 "Y" connector, and two F300 tailpipe adapters.

Part No. YA575, Dual exhaust kit for 3" hose w/ oval adapter. Includes: two 4 ft. x 3" hose, one RY30 "Y" connector, and two F575 tailpipe adapters.

Crushproof offers a complete line of accessory items that are designed to make your exhaust system safe and easy to use and prolong the life of the hose. Remember, no system is complete without a tailpipe adapter.

				ADAPTERS
PART NO.	ADAPTER DESCRIPTION	TAILPIPE STYLE	TAILPIPE SIZE	HOSE (I.D.)
TPA3000*	Split adapter	separated	up to 3"	3"
F250	Straight w/ hook and chain	single	up to 2"	2", 2-1/2", 3"
F300	Straight w/ hook and chain	single	up to 2-1/2"	2-1/2", 3", 3-1/2"
F350	Straight w/ hook and chain	single	up to 3"	3", 3-1/2", 4"
F400	Straight w/ hook and chain	single	up to 3-1/2"	3-1/2", 4"
DSR600	Stack adapter	diesel stack	up to 5-1/2"	4", 5"
DSR600-6	Stack adapter	diesel stack	up to 5-1/2"	6"
DSR8600	Stack adapter	diesel stack	up to 7-1/2"	6"
DSR9600	Stack adapter	diesel stack	up to 8-1/2"	5"
UNA1000	Plug in Unihose	all	all	3"
F475	Oval adapter (3" x 6" oval)	twin up to 2"	oval 2-1/2" x 5-1/2"	3", 4"
F575	Oval adapter (3-1/2" x 8-1/2" oval)	twin up to 3"	oval 3" x 8"	3", 4"
RA250	Bell w/ snaps	all	all	2-1/2", 3-1/2"
RA300	Bell w/ snaps	all	all	2", 3"

*Small Y-assembly for dual exhaust vehicles with a spread of less than 24".

DOOR PORTS

Use on 1" thick doors.
Part No. DF25, 2½" rubber.
Part No. ADF30, 3" aluminum.
Part No. ADF40, 4" aluminum.

OVERHEAD DUCT CONNECTORS

Use to connect to overhead "T" of listed size:
Part No. OC30, 3" aluminum.
Part No. OC40, 4" aluminum.
Part No. OC50, 5" aluminum.
Part No. OC50D, 5" aluminum (w/ damper).

SPLICE CONNECTORS

Connects two length of hose. Hose threads into rubber and over aluminum.
Part No. SP25, 2½" rubber.
Part No. SP30, 3" rubber.
Part No. SP40, 4" rubber.
Part No. AC30, 3" aluminum.
Part No. AC40, 4" aluminum.
Part No. AC50, 5" aluminum.
Part No. AC60-OC, 6" aluminum.

OVERHEAD ELBOWS

Connect two hoses for overhead pulley system.
Part No. AEL25, 2½" aluminum.
Part No. AEL30, 3" aluminum.
Part No. AEL40, 4" aluminum.
Part No. AEL50, 5" aluminum.

"Y" CONNECTORS

Allows for three hoses to be joined together for dual exhaust vehicles. Hose threads into the connectors.
Part No. RY25, 2½" rubber.
Part No. RY30, 3" rubber.
Part No. AY40, 4" aluminum.

Shocks, Struts, & Cartridges

Shocks, struts, cartridges and specialty products for U.S. and Import passenger cars, vans, light trucks, and 4 WDs.

Please ask for further information or specific application requirements for Gabriel Products.

GAS RYDER® - 696 SERIES
- The ultimate gas shock for luxury, full-size and sport/performance cars
- Velocity Sensitive Technology® (VST) offers a comfortable ride under normal conditions and instant control under extreme conditions
- Nitrogen gas charge for a responsive ride
- Large Fluid capacity reduces fade
- Application-tuned for your car

RED RYDER® GAS - 81000 SERIES
- High technology at an economical price for import and domestic cars
- Nitrogen gas charge for a responsive ride
- Nine stage, high-efficiency valving for excellent control and handling
- Application-tuned for your car

GAS RYDER® CARTRIDGE & STRUTS - G44000 SERIES CARTRIDGE, G55000 SERIES STRUTS
- Meets or exceeds domestic and import OEM vehicle specifications
- Velocity Sensitive Technology® (VST) offers a comfortable ride under normal conditions and instant control under extreme conditions
- Nitrogen gas charge for faster response, better control and increased stability
- Application-tuned for your car

GAS RYDER® LT - G63000 SERIES
- Computer designed specifically for light trucks, vans, RVs, 4WDs and SUVs
- Velocity Sensitive Technology® (VST) offers a comfortable ride under normal conditions and instant control under extreme conditions
- Nitrogen gas charge for faster response, better control and increased stability
- Application-tuned for your vehicle
- Large fluid capacity reduces fade

GAS SPORT RYDER® - 61500 SERIES
- Designed specifically for SUVs, minivans and light trucks
- A premium truck shock with a passenger car ride
- Engineered to improve ride control around town and on the highway
- Application-tuned valving and nitrogen gas charge for response, control and stability
- Moly-oil additive and all-weather fluid protect against oil foaming

LTV™ COMMERCIAL SERIES - 58000 SERIES
- The ultimate commercial-duty shock for fleet use
- Designed specifically for severe duty use on light trucks and vans
- Oversized 1-5/8" piston bore with durable sintered iron piston and compression head
- Arc welded end mounts for maximum strength
- Moly-oil additive resists foaming

CLASSIC® - 82000 SERIES
- Modern gas shock technology for classic, collectable and limited registration vehicles
- Application-tuned to the specific needs of your vehicle
- Provides improved performance and handling

HIJACKERS® - 39000 SERIES
- America's best known air-adjustable shock absorber
- Ideal for towing boats and trailers or heavy loads
- Improves handling and prevents bottoming out
- Holds up to 160 psi air pressure
- Up to 1,100 pounds per pair of extra lifting capacity

FRONT & REAR LOAD CARRIER - 32000 SERIES FRONT, 41000 SERIES REAR
- Combines shock and spring technology
- Constant rate front coil springs improves stability, restore ride height
- Variable rate rear coil springs provide 500 lbs. per pair of extra load capacity

STEERING DAMPERS - 14000 SERIES
- Replacement steering dampers offer superior handling
- Reduces shimmy and wear on tires and other front end parts

STRONG ARM® LIFT SUPPORTS - 4000-4900 SERIES
- The ideal replacement for worn lift supports
- Wide variety of applications for sedans, hatchbacks, station wagons and vans

STEERING STABILIZER - 6800SE SERIES
- Improves handling and control by providing added damping of steering system's lateral motion
- Urethane bushings, premium high performance fluid and fade resistant foam cell

STRUT MOUNT™
- Highest quality in the aftermarket
- Meets or exceeds OEM/OES requirements
- Complete installation hardware kit included

STRUT CUSHION™
- Racing style bellows seals out dust, dirt and moisture
- Consolidated design offers substantial vehicle coverage with minimal inventory

KYB GAS SHOCKS

KYB's Gas-a-Just Shocks are designed to deliver maximum driving control and performance. The higher gas pressure keeps tires glued to the road while its high strength, monotube configuration provides extra-rugged durability and fade-free performance.

Shocks, struts, and cartridges for U.S. and Import passenger cars, vans, light trucks, and 4 WDs.

Please ask for further information or specific application requirements for KYB Products.

KYB's Strut Boots and Mounts help you make a better installation while improving vehicle safety and performance. They protect the strut from the elements and play a vital role in vehicle handling, alignment, braking, and steering. Easy to install and meet or exceed OEM requirements.

KYB's GR-2 Series is specially designed to deliver a smooth, comfortable ride. A patented check valve minimizes foaming and aeration to make sure the ride stays smooth, even under rough conditions.

Monomax™ High Performance Gas Shocks

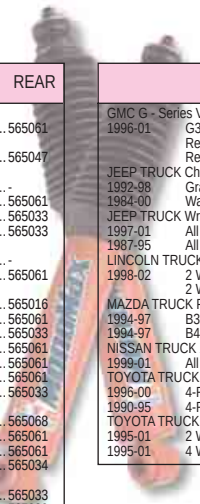
SUVs and pick-ups have become more popular than passenger cars and KYB Monomax High Performance Gas Shocks are specifically designed for drivers of SUVs, 4x4s, and pick-ups who want better ride control and handling. In addition, their oversize piston and bore and higher rebound dampening make them perfect for serious off-roaders. MonoMax provides a safer, more stable ride and exceptional stability with reduced roll and pitch. Minimizes braking nose dive and acceleration squat. Multistage valve compression enables MonoMax to adjust to driving conditions automatically. The monotube design and floating piston keep oil and nitrogen gas completely separate, eliminating shock fade. Viton® oil seal with self-sealing packing to keep the oil in and contaminants out.

MODEL		FRONT	REAR
CADILLAC TRUCK Escalade			
1999-00	All	565062	565061
CHEVROLET TRUCK Astro Mini-Van			
1991-01	2 W/D	565049	565050
1985-01	2 W/D (lowered)	565049	565037
1991-01	4 W/D	565062	565050
1985-90	2 W/D and 4 W/D	565049	565050
CHEVROLET TRUCK Avalanche			
2002	4 W/D - 1500 Sport Utility	565067	-
CHEVROLET TRUCK Blazer, Tahoe (2 W/D) (Exc. S-Series)			
2000-02	Tahoe (Exc. Z55 Autoride Suspension)	565067	-
1995-99	2 Door	565060	565061
1995-99	2 Door (lowered)	565060	565033
1995-00	4 Door (old style)	565060	565033
1973-91	All	565032	565036
CHEVROLET TRUCK Blazer, Tahoe (4 W/D) (Exc. S-Series)			
2000-02	Tahoe (Exc. Z55 Autoride Suspension)	565067	-
1992-99	All (old style)	565062	565061
1973-91	All (Exc. w/ dual front shocks)	565031	565036
CHEVROLET TRUCK S-Series (2 W/D) Pick-up, Blazer			
1999-01	All (Exc. V4A Xtreme Sport Appearance Pkg.)	565046	565047
1982-98	All	565046	565047
1982-99	All (lowered)	565046	565064
CHEVROLET TRUCK S-Series (4 W/D) Pick-up, Blazer			
1982-01	All	565048	565047
CHEVROLET TRUCK C & R - Series (2 W/D) Pick-up, Suburban			
1999-02	Silverado 1500 (new style) (Exc. crew cab and adj. susp.)	565056	565016
1988-99	C1500, C2500, C3500 (Exc. HD-Series)	565060	565061
1988-99	C1500, C2500, C3500 (lowered)	565060	565033
1991-02	C3500 HD Series w/ I-Beam front axle	-	565061
1992-00	Suburban (old style)	565060	565033
1988-91	Suburban	565032	565036
1988-90	R2500	565032	565036
1988-91	R3500	565032	565038
CHEVROLET TRUCK K & V - Series (4 W/D) Pick-up, Suburban			
1999-02	Silverado 1500 (new style) (Exc. crew cab and adj. susp.)	565067	565068
1988-99	K1500, K2500, K3500 (Exc. Suburban)	565062	565061
2000-02	1500 Suburban (Exc. Z55 Autoride suspension)	565067	-
1992-00	Suburban (old style)	565062	565034
1988-91	Suburban (Exc. w/ dual front shocks)	565031	565036
1988-90	V2500 (Exc. w/ dual front shocks)	565031	565036
CHEVROLET TRUCK G - Series Vans - 1/2 Ton & 3/4 Ton (Inc. Express)			
1996-01	G1500, 2500 Express	565060	565033
1978-95	All	565032	565039
CHEVROLET TRUCK G - Series Van - 1 Ton (Exc. Motorhome Chassis)			
1996-01	G3500 Express	565060	-
	Rear w/ dual wheels	-	565033
	Rear w/ single wheel	-	565034
1978-95	G30 Series	565032	-
DODGE TRUCK Dakota, Shelby Dakota			
1997-01	2 W/D	565049	565040
1997-01	4 W/D	565043	565041
DODGE TRUCK Durango			
1998-01	2 W/D	565049	565040
1998-01	4 W/D	565043	565041
DODGE RAM 1500, 2500, 3500 Pick-up 2 W/D			
1994-01	1500 Series	565015	565016
1994-01	2500 Series	565015	565016
1994-01	3500 Series (Exc. Chassis Cab)	565015	565016
1994-01	3500 Series Chassis Cab w/ Ind. front suspension	565015	565019
1994-01	3500 Series Chassis Cab w/ solid front axle	565018	565019
DODGE RAM 1500, 2500, 3500 Pick-up 4 W/D			
1994-01	1500 Series	565017	565016
1994-01	2500 Series	565017	565016
1994-01	2500 Series	565018	565019
1994-01	3500 Series (Exc. Chassis Cab)	565018	565019

MODEL		FRONT	REAR
FORD TRUCK Bronco			
1984-96	All (Exc. Quad Shock Option)	565043	565044
FORD TRUCK Econoline (Exc. Motorhome Chassis)			
1992-02	E150	565012	565013
1992-02	E250, E350	565014	565010
FORD TRUCK Excursion			
2000-02	2 W/D	565014	-
FORD TRUCK Expedition			
1997-02	2 W/D (Exc. rear air levelling)	565004	565005
1997-02	2 W/D with rear air levelling	565004	-
1997-02	4 W/D (Exc. four corner air levelling system)	565006	565007
FORD TRUCK Explorer			
2002	2 Door Sport and 4 Door Sport-Trac models	561001	565003
1995-01	All (Exc. adjustable suspension)	561001	565003
1991-94	All	565001	565003
FORD TRUCK F100, F150 (2 W/D)			
1997-02	All (Exc. Lightning & 7700 GVW package)	565004	565008
2000-02	F150 Super Crew	565004	565008
2000-02	F150 Series w/ 7700 GVW package	565004	-
1999-02	F150 SVT Lightning	565004	565008
1997-02	All (lowered)	565004	565010
1984-96	All (Inc. Lightning)	565043	565044
FORD TRUCK F100, F150 (4 W/D)			
1997-02	F150 and Super Crew (Exc. 7700 GVW package)	565006	565009
2000-02	F150 Series w/ 7700 GVW package	565006	-
1990-96	All (Exc. Quad Stock Option)	565043	565063
1990-96	Quad Shock Option - Rearward mounting of the axle	565043	565063
1990-96	Quad Shock Option - Frontward mounting of the axle	565080	565063
1980-89	All (Exc. Quad Shock Option)	565043	565044
1980-89	Quad Shock Option - Rearward mounting of the axle	565043	565044
FORD TRUCK F250 (2 W/D) (Exc. Superduty models)			
1997-99	All (less than 8500 GVW)	565004	565008
1997-98	All (over 8500 GVW)	565043	565044
1980-96	All	565043	565044
FORD TRUCK F250 Superduty (2 W/D)			
1999-02	All	565014	-
FORD TRUCK F250 (4 W/D) (Exc. Superduty models)			
1997-98	All (less than 8500 GVW)	565006	565008
1997-98	All (over 8500 GVW)	565007	565063
1992-96	All	565007	565063
FORD TRUCK F250 Superduty (4 W/D)			
1999-02	All	565044	-
FORD TRUCK F350 (2 W/D) (Exc. Superduty models)			
1980-98	All (Exc. Motorhome and w/ dual rear wheels)	565043	565044
1980-98	All w/ dual rear wheels	565043	-
FORD TRUCK F350 Superduty (2 W/D)			
1999-02	All (Exc. Chassis Cab)	565014	-
1999-02	Chassis Cab Series	565014	565044
FORD TRUCK F350 (4 W/D) (Exc. Superduty models)			
1985-98	All w/ Monobeam front suspension		
	Front	565007	-
	Rear w/ single rear wheels	-	565063
FORD TRUCK F350 Superduty (4 W/D)			
1999-02	All (Exc. Chassis Cab series)	565044	-
1999-02	F350 Superduty Chassis Cab series	565044	565063
FORD TRUCK Superduty (F450) (F550)			
1999-02	F450, F550 - (2W/D and 4 W/D)	565044	565081
FORD TRUCK Ranger (Exc. High Ryder Option)			
1998-01	2 W/D	-	565011
1998-01	4 W/D	561001	565063
10/89-97	2 W/D	565001	565011
10/89-97	4 W/D	565001	565063

This listing is continued on the following page.

Monomax™ High Performance Gas Shocks



MODEL	FRONT	REAR
GMC TRUCK Denali		
1998-00 All	565062	565061
GMC TRUCK Envoy		
1999-00 All	565048	565047
GMC TRUCK Jimmy, Yukon (2 W/D) (Exc. S-Series)		
2000-01 Yukon (Exc. Z55 Autoride Suspension)	565067	-
1995-99 2 Door	565060	565061
1995-99 2 Door (lowered)	565060	565033
1995-00 4 Door (old style)	565060	565033
GMC TRUCK Jimmy, Yukon (4 W/D) (Exc. S-Series)		
2000-01 Yukon (Exc. Z55 Autoride Suspension)	565067	-
1992-99 All (old style)	565062	565061
GMC TRUCK C and R - Series (2 W/D) Pick-up, Suburban, Yukon XL		
1999-02 Sierra 1500 (new style) (Exc. Crew Cab and adj. suspension)	565066	565016
1999-00 Sierra Classic C1500, C2500, C3500 (Exc. HD-Series)	565060	565061
1999-00 Sierra Classic C1500, C2500, C3500 (lowered)	565060	565033
1999-00 Sierra Classic C3500 HD Series	-	565061
1988-98 C1500, C2500, C3500 (Exc. HD-Series and Suburban)	565060	565061
1991-02 C3500 HD Series w/ I-Beam front axle	-	565061
1992-00 Suburban (old style)	565060	565033
GMC TRUCK K and V - Series (4 W/D) Pick-up, Suburban, Yukon XL		
1999-02 Sierra 1500 (new style) (Exc. Crew Cab and adj. suspension)	565067	565068
1999-00 Sierra Classic K1500, K2500, K3500	565062	565061
1988-98 K1500, K2500, K3500 (Exc. Suburban)	565062	565061
1992-99 Suburban	565062	565034
GMC TRUCK G - Series Vans - 1/2 Ton & 3/4 Ton (Incl. Savanna)		
1996-01 G1500, 2500 Savanna	565060	565033
1978-95 All	565032	565039

MODEL	FRONT	REAR
GMC G - Series Van - 1 Ton (Exc. Motorhome Chassis)		
1996-01 G3500 Savanna	565060	-
Rear w/ Dual Wheels	-	565033
Rear w/ Single Wheel	-	565034
JEEP TRUCK Cherokee, Wagoneer, Grand Cherokee		
1992-98 Grand Cherokee & Wagoneer (Exc. Up-Country suspension)	565053	565011
1984-00 Wagoneer, Cherokee (101" W.B.)	565053	565054
JEEP TRUCK Wrangler, YJ, TJ-Series (in Canada)		
1997-01 All	565020	565021
1987-95 All	565055	565056
LINCOLN TRUCK Navigator		
1998-02 2 W/D (Exc. rear air levelling)	565004	565005
2 W/D with air levelling	565004	-
MAZDA TRUCK Pick-Up		
1994-97 B3000, B2300 2 W/D	565001	565011
1994-97 B4000, B2300 4W/D	565001	565063
NISSAN TRUCK Xterra		
1999-01 All	565045	565028
TOYOTA TRUCK, 4-Runner		
1996-00 4-Runner - All	564002	565002
1990-95 4-Runner - All	565058	565059
TOYOTA TRUCK Tacoma		
1995-01 2 W/D (Exc. Pre-Runner)	565030	565065
1995-01 4 W/D - All and 2 W/D Pre-Runner	564001	565052

EUCLID/FIRESTONE

Ride-Rite® /Sport-Rite™ /Coil-Rite® Air Springs

RIDE-RITE® AIR HELPER SPRINGS:

These mount between the frame and the suspension. The heavy duty convoluted air springs will handle all your levelling needs with load carrying capacities between 3200 - 5000 lbs. per set.*

SPORT-RITE™ AIR RIDE SPRINGS:

The answer to most of your sport performance needs. This air spring mounts between the frame and the suspension, utilizing a state of the art tapered air spring. Sport-Rite kits enhance the ride while loaded. The tapered style air spring will support up to 3000 lbs. per set.*

COIL-RITE® AIR HELPER SPRINGS:

These springs mount inside an existing open coil spring suspension. These air springs allow for adjustable spring rates far superior to the standard coil spring. The durable polyurethane air springs will support 500 - 1000 lbs. per set.*

*Do NOT exceed the vehicle's Recommended Gross Vehicle Weight Rating (GVWR).

Footnote Chart

REQUIREMENTS	
*	Requires 7.50" of clearance between the frame and tire both single and dual rear wheels.
**	Requires 3.00" of clearance between the frame and tire.
***	Requires 9.50" of clearance between the frame and tire.
†	Requires 8.00" of clearance between the frame and tire.
††	Requires 6.25" of clearance between the frame and tire.
†††	Requires 6.50" of clearance between the frame and tire.

Please see the application charts below and on the following pages for the air springs described above, or contact a Gregg Distributors representative for your specific application requirement.

Applications List

All kits are for the rear unless otherwise specified.

PART NUMBERS are identified in this chart with a different coloured background. They signify:

Ride-Rite Sport-Rite Coil-Rite

MODEL	YEAR	VEHICLE/CHASSIS	AIR SPRING REPLACEMENT	KIT PART NUMBER
CHEVROLET/GMC/CADILLAC				
PICK-UP/SUV/CHASSIS CAB				
S10	82-01	(4X2) Pick-up and ext. cab (not factory lowered)	E-RR9001	E-RR2209
S10	82-84	(4X2) Pick-up and ext. cab (not factory lowered)	E-RR0335	E-RR2022
T10/T15, Blazer/Jimmy	85-94	(4X4) Blazer/Jimmy, Compact Utility	E-RR0335	E-RR2022
Trailblazer/Envoy	02	(4X2) (4X4) SUV	E-RR6015	E-RR4106
C10, 20, 30, 1500, 2500, 3500 R10, 20, 30, 1500, 2500, 3500	73-87	(4X2) 1/2, 3/4, and 1 ton pick-up all models including duall (If less than 7.50" clearance use 2099)	E-RR6957	E-RR2071
C30, 3500; R30, 3500	73-91	(4X2) 1 ton pick-up and dually pick-up - reg. cab and chassis and crew cab old body style	E-RR0335	E-RR2099
K&V 10, 20, 30, 1500, 2500, 3500	73-87	(4X4) 1/2, 3/4, and 1 ton pick-up and dually pick-up	E-RR0335	E-RR2040***
C1500	88-98	(4X2) 1/2 ton pick-up	E-RR9002	E-RR2162†††
C1500, 2500, 3500; K1500, 2500, 3500	88-98	(4X2) (4X4) and 1 ton pick-up and dually pick-up	E-RR6957	E-RR2025
C2500, 3500 / K2500, 3500	99-00	3/4 ton 8600 GVW and 1 ton including dually	E-RR6957	E-RR2025
C3500	88-98	Type I ambulance chassis only	E-RR0335	E-RR2065***
1500 Silverado/Sierra	99-02	(New body style) (4X2) (4X4) 1/2 ton pick-up	E-RR9000	E-RR2320
1500HD Crew Cab	01-02	(4X2) (4X4) 1/2 ton pick-up crew cab only	E-RR6957	E-RR2190
2500 Silverado/Sierra	99-02	(New body style) (4X2) (4X4) 3/4 ton pick-up	E-RR6957	E-RR2190
2500 HD, 3500	01-02	3/4 and 1 ton cab and chassis up to 12,000 GVW only	E-RR6957	E-RR2249
2500HD, 3500	01-02	3/4 and 1 ton pick-up over 8600 GVW	E-RR6957	E-RR2250
Suburban	73-91	(4X2)(4X4) 1/2 and 3/4 ton	E-RR6957	E-RR2100
Suburban	92-99	(4X2) (4X4) 1/2 and 3/4 ton	E-RR6957	E-RR2101
Yukon/Tahoe/Escalade	95-99	(4X2) (4X4) 4 door Yukon/Tahoe	E-RR6957	E-RR2101
Suburban/Yukon 1500, Tahoe, Escalade	00-02	(4X2) (4X4) 1/2 ton	E-RR6003	E-RR4108
Suburban/Yukon 2500	00-02	(4X2) (4X4) 3/4 ton	E-RR6957	-
Avalanche 1500	02	1/2 ton (4X2) (4X4)	E-RR6003	E-RR4108
VAN & CLASS "C" MOTORHOME				
Astro/Safari	85-98	(4X2) (4X4) (Std. and Ext.) Continuously loaded vehicles only	E-RR0335	E-RR2029
G10, 20, 30; G1500, 2500, 3500	70-95	All Chevy/GMC Vans including RV Mini-MH, commercial van and cut-a-way van	E-RR0335	E-RR0830
G1500, 2500	96-01	Chevy Van, GMC Savana, Express van (3/4 ton below 8600 GVWR)	E-RR9002	E-RR2163†††
G2500, G3500	97-01	3/4 and 1 ton van (3/4 ton over 8600 GVWR) single rear wheels	E-RR9000	E-RR2185
G3500	98-01	Dual rear wheels RV and commercial cut-a-way van	E-RR6959	E-RR2173

This listing is continued on the following page.

EUCLID/FIRESTONE
Ride-Rite® /Sport-Rite™ /Coil-Rite® Air Springs
Applications List

All kits are for the rear unless otherwise specified.

PART NUMBERS are identified in this chart with a different coloured background. They signify:

Ride-Rite Sport-Rite Coil-Rite

MODEL	YEAR	VEHICLE/CHASSIS	AIR SPRING REPLACEMENT	KIT PART NUMBER
CHEVROLET/GMC/CADILLAC				
CLASS "A" MOTORHOME & STEP VAN				
P20/30; P2500/3500	86-92	Step van (tool truck w/ square axle)	E-RR7325	E-RR2121
P30 Class "A"	63-92	Motorhome Chassis	E-RR0335	E-RR2080
P30 Class "A"	93-96	10,500 to 12,800 GVWR	E-RR0335	E-RR2080
P30, P32 Class "A"	93-00	14,500 to 16,000 GVW (Outboard of frame)	E-RR6957	E-RR2147*
P30, P32 Class "A"	93-00	14,500 to 16,000, 17,000 GVW (Inboard below frame)	E-RR0335	E-RR2085
P30 H.D. Cutaway	93-96	10,500 to 12,300 GVW	E-RR0335	E-RR2080
P30 H.D. Cutaway	93-96	14,500 GVW	E-RR0335	E-RR2085
DODGE				
PICK-UP/SUV/CHASSIS CAB				
RAM 50 & Plymouth Arrow	80-93	Light duty pick-up and Mini MH	E-RR0335	E-RR1130**
Dakota	87-96	(4X2) Mid-size pick-up	E-RR0335	E-RR2023
Dakota	97-01	(4X2) Mid-size pick-up and Quad Cab	E-RR9000	E-RR2169†††
Dakota	97-01	(4X4) Mid-size pick-up (not Quad Cab)	E-RR9002	E-RR2162†††
Dakota	00-01	(4X4) Mid-size pick-up Quad Cab	E-RR9000	E-RR2217†††
Durango	97-01	(4X2) (4X4)	E-RR9002	E-RR2222
D & W 150, 1500	94-01	(4X2) (4X4) 1/2 ton pick-up	E-RR9002	E-RR2162†††
D & W 100, 150, 200, 250, 300, 350, 1500, 2500, 3500	77-99	(4X2) (4X4) 1/2, 3/4, and 1 ton pick-up and dually pick-up (97-99 3/4 and 1 ton without contact overloads)	E-RR6957	E-RR2071*
D & W 2500, 3500	97-99	(4X2) (4X4) 3/4 and 1 ton pick-up and dually pick-up (with contact overloads)	E-RR6957	-
RAM 1500, 2500, 3500	00-01	(4X2) (4X4) 1/2, 3/4 and 1 ton pick-up and dually pick-up	E-RR6957	E-RR2071*
3500 Cab & Chassis	94-01	(4X2) (4X4) cab and chassis only	E-RR6957	-
VAN/CLASS "C" MINI MOTORHOME				
B100, 200, 300	71-76	Vans and Mini MH	E-RR0335	E-RR0830
B100-300, B150-350, MB300, 400	77-02	Vans and Mini MH	E-RR6957	E-RR2109
CLASS "A" MOTORHOME				
M300, 400, 500, 600	73-82	(M 600 lower bracket modification required)	E-RR1132	E-RR1156
FORD				
PICK-UP/SUV/CHASSIS CAB				
Ranger	83-01	(4X2) (4X4) Ranger pick-up (not composite leaf)	E-RR9002	E-RR2172†††
F100, 150, 250, 350 PICK-UP/SUV/CHASSIS CAB	63-96	(4X2) (4X4) 1/2, 3/4 and 1 ton pick-up and dually pick-up and Supercab	E-RR6957	E-RR2071*
F150, 250	97-01	(4X2) (4X4) 1/2 ton pick-up (F250 under 8500 GVW)	E-RR9000	E-RR2320†††
F150	01-02	(4X2) (4X4) 1/2 ton pick-up Supercrew, Harley, Lightning	E-RR9000	E-RR2320†††
F250, 350	97-01	(4X2) (4X4) 3/4 and 1 ton pick-up (Superduty) (F250 over 8600 GVW)	E-RR6957	E-RR2071*
F350	80-97	Type I ambulance chassis only	E-RR0335	E-RR2065†††
F350, 450, 550	99-01	(4X2) (4X4) cab and chassis and Type I ambulance chassis	E-RR6957	E-RR2176
F550	99	(4X2) (4X4) Chassis Cab (Exhaust modification required)	-	E-RR2180
Expedition	97-01	(4X2) (4X4) (with rear coil springs)	E-RR6022	E-RR4134
Excursion	00-01	(4X2)	E-RR6957	E-RR2255
Excursion	00-01	(4X4)	E-RR6957	E-RR2251
Bronco	90-96	(4X4) Sport Utility	E-RR6957	E-RR2071*
VAN/CLASS "C" MINI MOTORHOME				
E100, 150, 250, 350	75-91	Econoline van, Mini MH and Type III ambulance (may require tailpipe modification)	E-RR0335	E-RR2032
E150	75-01	Econoline	E-RR7076	-
E250	92-01	Econoline passenger and conversion	E-RR9002	E-RR2165†
VAN/CLASS "C" MOTORHOME				
E350	92-01	Single rear wheel Econoline passenger and conversion	E-RR9000	E-RR2181
E350	92-01	Econoline Mini MH, Type III ambulance and commercial van	E-RR7034	E-RR2061
E450	96-01	Superduty Cut-a-way (requires 2" above frame)	E-RR6957	E-RR2153*
CLASS "A" MOTORHOME				
E33 Class "A"	86-91	RV chassis 11,500 GVW (may require tailpipe modification)	E-RR0335	E-RR2032
E33 Class "A"	92-96	RV chassis 11,500 GVW	E-RR7034	E-RR2061
F53 Class "A"	90-98	15,000, 16,000 and 17,000 GVW	E-RR0335	E-RR2068†
F53 Class "A"	99-01	Superduty 18,000 and 20,500 GVW	E-RR0335	E-RR2170
TOYOTA				
PICK-UPS/SUVs/VAN/MICRO MINI MOTORHOME				
Land Cruiser	91-01			E-RR4124
Sienna Van	98-01			E-RR4124
Sequoia	01	(4X2) (4X4)		E-RR4124
Tundra	00-01	(4X2) light duty pick-up (NOT TRD package)	E-RR9001	E-RR2212
Tundra	00-01	(4X4) light duty pick-up	E-RR6959	E-RR2245
LEXUS/MAZDA/NISSAN/DATSUN/OLDSMOBILE				
Lexus LX 450	96-98			E-RR4124
Lexus LX 470	99-01			E-RR4124
Mazda	72-90	(4X2) light duty pick-up and Micro Mini MH	E-RR0335	E-RR1130
Mazda	91-01	(4X2) (4X4) light duty pick-up	E-RR9001	E-RR2172
Nissan/Datsun/Mitsubishi	69-96	(4X2) light duty pick-up and Micro Mini MH	E-RR0335	E-RR1130**
Oldsmobile Bravada	91-94	(4X4) Sport Utility	E-RR0335	E-RR2022

Please see the previous page for footnotes regarding the above chart.

Air Accessories & Service Parts for Air Springs can be found on the following page.

Air Accessories

TYPE	DESCRIPTION	COMPRESSOR USED	USAGE	PART NUMBER
COMPLETE KITS				
Level Command II	Light duty compressor and gauge	(9050)	Light	E-RR2158
Dual Electric Air Command	Light duty compressor and dual gauge	(9050)	Light	E-RR2178
Level Command	Heavy duty compressor and gauge	(9210)	Heavy	E-RR2097
Dual Air Command	Heavy duty compressor and dual gauge	(9210)	Heavy	E-RR2168
Single Automatic Air Command	(1) Height control valve (use w/ #E-RR2047)	-	-	E-RR2186
Dual Automatic Air Command	(2) Height control valves (use w/ #E-RR2047)	-	-	E-RR2017
Air Command	Compressor, 1/2 gallon air tank and 25 ft. ext. hose	(9210)	Heavy	E-RR2047
COMPONENTS				
Pneumatic Gauge	Single pneumatic gauge	*Use with an existing air source.*		E-RR2149
Pneumatic Gauge	Dual pneumatic gauge			E-RR2145
Electro-Pneumatic Gauge	Single electric pneumatic gauge			E-RR2191
Electro-Pneumatic Gauge	Dual electric pneumatic gauge			E-RR2188
1/2 Gallon Air Tank	*All air tanks are coated internally and externally to resist corrosion. They are tested to SAE J10 compliance and capable of 150 psi maximum pressure.*	dia. 6.00"	L = 7.63"	E-RR9124
1 Gallon Air Tank		dia. 6.00"	L = 11.00"	E-RR9125
2 Gallon Air Tank		dia. 7.00"	L = 13.50"	E-RR9126
3 Gallon Air Tank		dia. 7.00"	L = 20.00"	E-RR9127
SERVICE PARTS				
Air compressor	Light duty compressor	-	Light	E-RR9050
Air compressor	Heavy duty compressor	-	Heavy	E-RR9210
Air line service kit	18 ft. air line, elbow fittings and inflation valves	-	-	E-RR2012
Loadshare panel	Panel only	-	-	E-RR9024
Height control valve	Replacement valve	-	-	E-RR3599
Linkage Kit	Replacement linkage	-	-	E-RR9028
Pressure Switch	90 - 120 PSI	-	-	E-RR9016

Service Parts For Air Springs

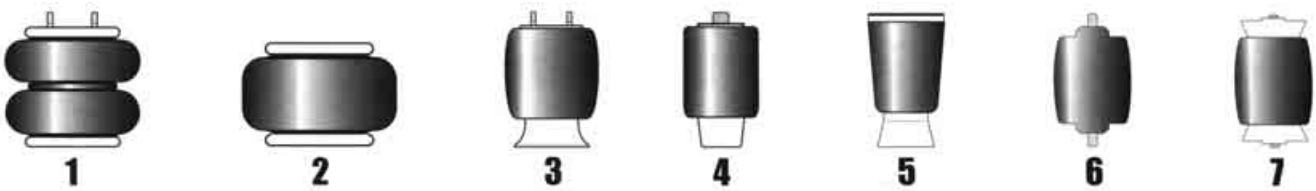
•For Ride-Rite, Sport-Rite, Loadshare

STYLE #	STYLE	DESCRIPTION	UNINFLATED DIMENSIONS (APPROX.)		MAX. LOAD @ 100 PSI PER AIR SPRING	PART NUMBER
			HEIGHT	DIAMETER		
1	25C	Double convoluted (blind nut lower bead plate)	5.25	5.70	1600 lbs.	E-RR6959
1	25C	Double convoluted (studs lower bead plate)	5.25	5.70	1600 lbs.	E-RR7034
1	255C	Double convoluted	6.00	5.80	2400 lbs.	E-RR6957
1	224C	Double convoluted	7.00	7.25	2500 lbs.	E-RR0335
1	20C	Loadshare (Double convoluted)	8.00	9.00	3000 lbs.	E-RR6926
1	26C	Double convoluted	7.00	7.50	2820 lbs.	E-RR7325
2	116B-1	Single convoluted	5.25	7.40	3000 lbs.	E-RR1132
2	150B	Loadshare (Single convoluted)	5.00	9.00	3000 lbs.	E-RR7462
3	1T14C-1	Reversible sleeve	10.00	6.62	3200 lbs.	E-RR2107
4	7012	70 mm reversible sleeve	10.25	3.50	1000 lbs.	E-RR7012
4	7076	70 mm reversible sleeve	8.25	3.50	1000 lbs.	E-RR7076
5	140/95	Tapered sleeve	10.75	6.44	1500 lbs.	E-RR9010
5	110/70	Tapered sleeve (long)	8.25	5.70	1500 lbs.	E-RR9000
5	110/70	Tapered sleeve (medium)	7.25	5.70	1500 lbs.	E-RR9002
5	110/70	Tapered sleeve (short)	6.37	5.70	1500 lbs.	E-RR9001

Service Parts For Air Springs

•For Full Air Suspension Motorhome Service Parts

STYLE #	STYLE	DESCRIPTION	PART NUMBER
1	20C	Monoco, front	E-RR6905
1	22C	Monoco, front	E-RR7400
3	1T14F-4	Airstream Argosy, rear	E-RR5405
6	2T2B	1973-78 GMC front wheel drive motorhome, air spring only	E-RR4502
7	2T2B	1973-78 GMC front wheel drive motorhome, assembly (with pistons)	E-RR4503



FEDERAL MOGUL

NATIONAL®
Oil Seals
BCA®
Bearings

NATIONAL OIL SEALS & BCA BEARINGS:
Gregg Distributors Ltd. offers a wide variety of oil seals and bearings for all your passenger car, light and medium duty truck applications. Rear axle and transmission/transfer case kits are also available. Please ask for more information as well as your specific application requirements on these product lines today!

QURE
Centre Support Bearings

QURE PART NUMBER	SPICE PART NUMBER	BOWER PART NUMBER
401KF-1	210084-2X	HB88509
201KF-1	210088-1X	HB88107A
201KF-2	210090-1X	HB88107A
501KF	210121-1X	HB88510
401KG	210130-1X	HB88509
301KG-1	210140-1X	HB88508
301KG-2	210144-1X	HB88508
401KF-2	210207-1X	HB88509
201KG-1	210367-1X	HB88512A
201KG-2	210370-1X	HB88107A
301KF-1	210391-1X	HB88508
301KF-2	210433-1X	HB88508
101K	210527X	HB1206LL
601KFHD	210661-1X	HB88512A
701KFHD	210748-1X	-
204KF-1	210866-1X	HB88506A

BEARING CROSSOVER LISTING

QURE PART NUMBER	SPICE PART NUMBER	BOWER PART NUMBER
204KF-2	210873-1X	HB88508A
601KFSHD	210875-1X	HB88512A
501KFS	210881-1X	HB88510
401KF	210969X	HB88509
204KF	211016X	HB88507A
201KF-4	211036-2X	HB88512A
301KF-3	211037-1X	HB88508
701KFSHD	211070-1X	HB88107A
301KF	211098-1X	HB88508
206KF-1	211139X	HB88512A
401KF-3	211172-1X	HB88509
207KF	211187X	HB88512A
431KF	211431X	-
301KF	210139-1X	HB88508
501KFS	210796-1X	HB88510
209KF	211590	-

FEDERAL MOGUL

BOWER
Heavy Duty Bearings

POPULAR PART NUMBERS

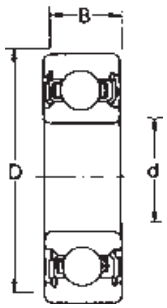
Part No. 563.
Part No. 567.
Part No. 572.
Part No. 575.
Part No. 580.
Part No. 582.
Part No. 592A.
Part No. 594A.
Part No. 598.
Part No. 598A.
Part No. 653.
Part No. 663.
Part No. 672.
Part No. 742.
Part No. 749.
Part No. 3720.
Part No. 3782.
Part No. 3920.
Part No. 3982.
Part No. 39520.
Part No. 39581.
Part No. 39590.
Part No. 47620.
Part No. 47686.
Part No. HM212011.
Part No. HM212049.
Part No. HM218210.
Part No. HM218248.
Part No. HM518410.
Part No. HM518445.
Part No. 28622.
Part No. 28682.
Part No. 45220.
Part No. 47890.

Deep Groove Ball Bearings

NACHI

With 2 contact seals (2NSL).

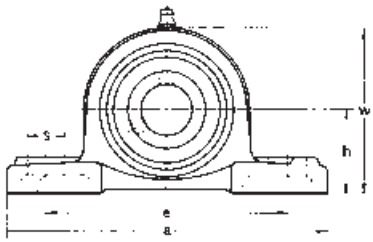
PART NO.	DIMENSIONS (mm)			PART NO.	DIMENSIONS (mm)		
	d	D	B		d	D	B
6000-2NSL	10	26	8	6310-2NSL	50	110	27
6200-2NSL	10	30	9	6011-2NSL	55	90	18
6300-2NSL	10	35	11	6211-2NSL	55	100	21
6001-2NSL	12	28	8	6311-2NSL	55	120	29
6201-2NSL	12	32	10	6012-2NSL	60	95	18
6301-2NSL	12	37	12	6212-2NSL	60	110	22
6002-2NSL	15	32	9	6312-2NSL	60	130	31
6202-2NSL	15	35	11	6013-2NSL	65	100	18
6302-2NSL	15	42	13	6213-2NSL	65	120	23
6003-2NSL	17	35	10	6313-2NSL	65	140	33
6203-2NSL	17	40	12	6014-2NSL	70	110	20
6303-2NSL	17	47	14	6214-2NSL	70	125	24
6004-2NSL	20	42	12	6015-2NSL	75	115	20
6204-2NSL	20	47	14	6215-2NSL	75	130	25
6304-2NSL	20	52	15	6315-2NSL	75	160	37
6005-2NSL	25	47	12	6016-2NSL	80	125	22
6205-2NSL	25	52	15	6017-2NSL	85	130	22
6305-2NSL	25	62	17	6317-2NSL	85	180	41
6006-2NSL	30	55	13	6018-2NSL	90	140	24
6206-2NSL	30	62	16	6019-2NSL	95	145	24
6306-2NSL	30	72	19	6319-2NSL	95	200	45
6007-2NSL	35	62	14	6314-2NSL	70	150	35
6207-2NSL	35	72	17	6216-2NSL	80	140	26
6307-2NSL	35	80	21	6316-2NSL	80	170	39
6008-2NSL	40	68	15	6217-2NSL	85	150	28
6208-2NSL	40	80	18	6218-2NSL	90	160	30
6308-2NSL	40	90	23	6318-2NSL	90	190	43
6009-2NSL	45	75	16	6219-2NSL	95	170	32
6209-2NSL	45	85	19	6020-2NSL	100	150	24
6309-2NSL	45	100	25	6220-2NSL	100	180	34
6010-2NSL	50	80	16	6320-2NSL	100	215	47
6210-2NSL	50	90	20				

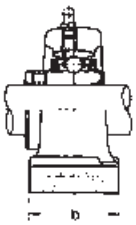


Pillow Blocks

HOUSING NO.	FLANGE BLOCK NO.	BOLT SIZE (inches)	DIMENSIONS (inches)						SHAFT SIZE	BEARING PRE-LUBED	BEARING NON-LUBED
			a	b	w	h	e	s			
P203J	-	3/8	5.000	1.500	2.438	1.188	3.750	0.750	3/4	NPS-012-RPC	NPS-012-RRC
P204J	F204J	3/8	5.000	1.500	2.563	1.313	3.750	0.750	3/4	NPS-012-RPC	NPS-012-RRC
P205J	F205J	1	5.500	1.500	2.750	1.438	4.125	0.625	7/8	NPS-014-RPC	NPS-014-RRC
									1	NPS-100-RPC	NPS-100-RRC
P206J	F206J	1/2	6.500	1.875	3.281	1.688	4.750	0.813	1-1/8	NPS-102-RPC	NPS-102-RRC
									1-3/16	NPS-103-RPC	NPS-103-RRC
									1-1/4	NPS-103-RP2C	NPS-103-RR2C
P207J	F207J	1/2	6.563	1.875	3.688	1.875	5.000	0.813	1-1/4	NPS-104-RPC	NPS-104-RRC
									1-5/16	NPS-105-RPC	—
									1-3/8	NPS-106-RPC	NPS-106-RRC
									1-7/16	NPS-107-RPC	NPS-107-RRC
P208J	F208J	1/2	7.250	2.125	3.938	1.938	5.373	1.000	1-1/2	NPS-108-RPC	NPS-108-RRC

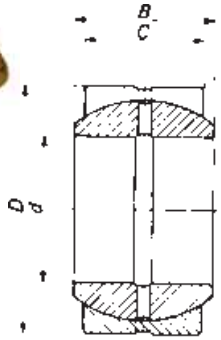
NOTE: Housing and bearings are sold separately.





NACHI

Steel-on-Steel Spherical Bushings



SHAFT DIA. mm (inch)	PART NO. (no seal)	DIMENSIONS (inch/mm)							
		d		D		B		C	
25.400 (1)	SBB16	1	25.400	1-5/8	41.275	.875	22.22	.750	19.05
31.750 (1-1/4)	SBB20	1-1/4	31.750	2	50.800	1.093	27.76	.937	23.80
38.100 (1-1/2)	SBB24	1-1/2	38.100	2-7/16	61.912	1.312	33.32	1.125	28.58
44.450 (1-3/4)	SBB28	1-3/4	44.450	2-13/16	71.438	1.531	38.89	1.312	33.32
50.800 (2)	SBB32	2	50.800	3-3/16	80.962	1.750	44.45	1.500	38.10
57.150 (2-1/4)	SBB36	2-1/4	57.150	3-9/16	90.488	1.969	50.01	1.687	42.85
63.500 (2-1/2)	SBB40	2-1/2	63.500	3-15/16	100.012	2.187	55.55	1.875	47.62
76.200 (3)	SBB48	3	76.200	4-3/4	120.650	2.625	66.68	2.250	57.15

BALL & ROLLER BEARINGS:

Gregg Distributors Ltd. offers a wide variety of Nachi bearings and accessories such as Angular Contact Ball Bearings; Self-Aligning Ball Bearings; Cylindrical Roller Bearings; Spherical Roller Bearings; Thrust Ball Bearings; Spherical Roller thrust Bearings; Machine Tool Bearings; Automotive Bearings; False Twist Spindles; Sheave Bearings; Turntable Bearings; Bearing Units; Flange Blocks. Please ask for further information on the Nachi line.

CELEBRATING 40 YEARS
40
1968 Gregg 2008

U-Joints

FEDERAL MOGUL

Designed for domestic and import medium and heavy duty trucks, off-highway equipment and agricultural implement and PTO applications.

PRECISION PART NO.	FIG. STYLE	BEARING TYPE	COMPETITIVE CROSSOVER NUMBERS			
			GMB	PRECISION-TORK	ROCKWELL	SPICER DANA
1034	B	Round	G5-134X	353	CP134X	5-134X/5-138X
330	B	Round	G5-160X	330/955	CP160X	5-160X/5-214X
338	A	Round	G5-170X	338/1500/1501	CP170X	5-103X/5-170X/ 5-70X
329	B	Round	G5-200X	208K/329/346/360	CP121X/CP200X	5-125X/5-146X/ 5-163X/5-200X/ 5-247X
354	B	Round	G5-213X	354	CP213X	5-213X/5-227X/ 5-228X/5-229X/ 5-230X/5-273X
371	C	Round	G5-297X	371	-	5-297X
466	B	Round	G5-315X	373	-	5-315X
437G	C	Round	G5-1200X	429/435	CP1200X/CP1209X	5-1200X/5-1209X
433	B	Round	G5-1203X	433	-	5-1203X
434	B	Round	G5-1204X	428/434	-	5-1204X
427	C	Round	G5-1206X	427	CP1206X	5-1206X/5-305X
317	A	Round	G5-1306-1X	317	-	5-1306-1X
358	B	Round	G5-155X	358/979	-	5-155X/5-275X
351	B	Round	G5-188X	351/948	CP188X	5-188X
333	D	Bearing Plate (1610 series)	G5-279X	333/363/916	CP116X/CP16N1/	5-116X/5-216X/ CP16N3 5-279X
334	D	Bearing Plate (1710 series)	G5-280X	334/364/917	CP17N/CP17N20/	5-117X/5-171X/ CP17N3/CP177X 5-177X/5-217X/ 5-233X/5-280X
381	D	Bearing Plate (1810 series)	G5-281X	381	CP18N1/CP18N3	5-281X
376	D	Bearing Plate (1760 series)	G5-407X	-	-	5-407X
896	H	Low Wing	G5-5802X Threaded & High Wing Drilled	896	CP58WB37	-
560	G	Low Wing	G5-7000X Threaded	569/570/770/908	CP68WB9/CP72N112/	5-7000 CP72N113/CP72N32/ CP72N55/CP72N73
927	G	High Wing	G5-7105X Drilled	901/927/947	CP68WB1/CP72N103/	5-7105 CP72N31
372	B	Round	G5-356X	372	-	5-356X
995	A	Round	GGPL-12R	972/995	CPL12N/CPL12N7/	5-242X CPL12R
880	B	Round	GGPL-14R	880	CPL14N/CPL14N1	5-129-1X/5-129X CPL14R/CPL14R1
964	B	Round	GGPL-35R	945/964	CP35N2/CP35R	5-243X
475 strap kit 475-10	E	2-Plain Bearings 2-Bearing Plate (1610 series)	-	475	-	5-674X
476 strap kit 476-10	E	2-Plain Bearings 2-Bearing Plate (1710 series)	-	476	-	5-675X
478 strap kit 476-10	E	2-Plain Bearings 2-Bearing Plate (1810 series)	-	478	-	5-676X
477 strap kit 476-10	E	2-Plain Bearings 2-Bearing Plate (1760 series)	-	477	-	5-677X

FIGURE STYLES:

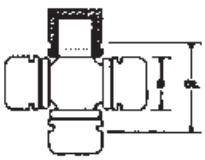


Fig. A
Inside Snap Ring

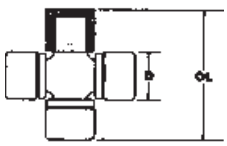


Fig. B
Outside Snap Ring

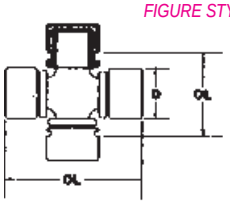


Fig. C
ISR/OSR

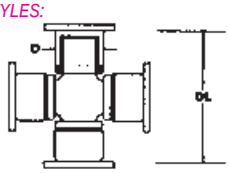


Fig. D
Bearing Plate

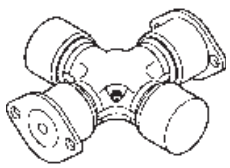
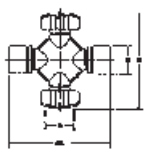


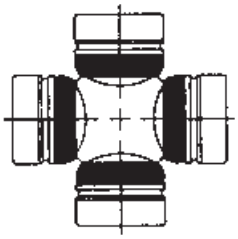
Fig. E
2 Welded Plate & 2 Plain Bearings



Figs. G,H Comb. Wing/Rd.

PRECISION
PTO U-Joints — Standard Series

FEDERAL MOGUL



COMPETITOR INTERCHANGEABILITY CHART

ASAE CATEGORY NO.	HP @ 540 RPM	SERIES	PRECISION	NEAPCO	WALTERSCHEID AGMASTER	G & G	ROCKWELL	WEASLER
1	16	0600	1501	0600 1-0675	-	-	-	0675 200-0675
1	16	N1000	338	N1000 1-0170	1000 5-170X	-	-	-
1	16	L600	861	L600 1-1475	-	6N 302-0600	L6 CPL6R-40	6 200-0600
2	25	1200	995	1200 1-1275	1140 5-242X	12N 302-1200	L12N CPL12R	12 200-1200
3	35	2000	880	2000 1-2075	1240 5-129X	14N 302-1400	L14N CPL14R	14 200-1400
4	58	2200	964	2200 2-2275	1340 5-243X	35N 302-3500	L35N CP35R	35 200-3500
5	80	N44	888	N44 3-0044	-	44R 302-4400	44R CP44R	44 200-4400
6	100	2600	351	2600 3-0188	1480 5-188x	-	-	2675 200-2600
6	100	N55	889	N55 3-0045	-	5N 302-5500	55N CP55N	55 200-5500

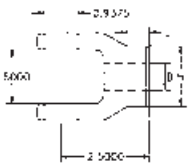
BUYERS
Driveline Components

Buyers Products Company

SQUARE HEAD SET SCREW — CUP POINT
Head drilled for lock wire.
Part No. 34, 3/8"-16 thread x 3/4".
Part No. 58, 3/8"-16 thread x 5/8".

H7-SERIES END YOKES

PART NO.	BORE SIZE	KEYWAY SIZE	KEYWAY AT	SET SCREW SIZE	SET SCREW AT	L	H
		ROUND BORE AT B					
7423	3/4"	1/4"	1	3/8"-16	4	5/8"	1-5/8"
7463	7/8"	1/4"	2	3/8"-16	4	5/8"	1-5/8"
7493	1"	1/4"	2	3/8"-16	4	5/8"	1-5/8"
74313	1-1/8"	5/16"	2	3/8"-16	1	5/8"	2"
74123	1-1/4"	5/16"	2	3/8"-16	1	5/8"	2"
		HEX BORE AT B					
7432	1-1/8"	HEX		3/8"-16	1	5/8"	2"

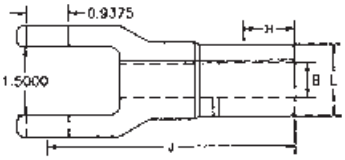


FLANGE YOKES

PART NO.	FLANGE DIAMETER E	CIRCLE DIAMETER C	BOLT SIZE	MALE PILOT DIA. A	FLANGE FACE TO CENTRE LINE B	JOINT ANGLE
B22479	4-5/8"	3-3/4"	7/16"	2-3/4"	1-3/8"	20°

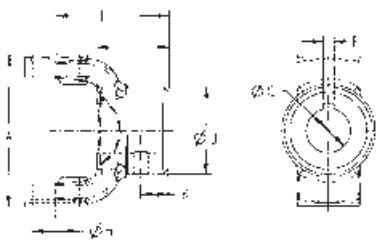
H7-SERIES SLIP YOKES

PART NO.	BORE SIZE	KEYWAY SIZE	KEYWAY AT	LUBRICATOR SIZE	LUBRICATOR AT	J	H	L
		ROUND BORE AT B						
73383	1"	1/4"	1"	1/8" P.T.	3	5"	1-3/4"	1-5/8"
		HEX BORE AT B						
7332	1-1/8"	HEX		1/8" P.T.	3	5"	1-3/4"	1-3/4"



END YOKES W/ ROUND HOLES

PART NO.	BORE SIZE C	KEYWAY SIZE E	SET SCREW SIZE	B	A	K	J	H	F	JOINT ANGLE
B24473	1"	1/4"	3/8"	1-1/16"	$3\text{-}^{15}/_{32}$"	5/8"	2-1/8"	1-5/8"	2-9/16"	17°
B24503	1-1/8"	1/4"	3/8"	1-1/16"	$3\text{-}^{15}/_{32}$"	5/8"	2-1/8"	1-5/8"	2-9/16"	17°
B24533	1-1/4"	5/16"	3/8"	1-1/16"	$3\text{-}^{15}/_{32}$"	5/8"	2-1/8"	1-5/8"	2-9/16"	17°



CATERPILLAR ENGINE - 3208, CORE GROUP WP1001
Mfg. No. 2W1225, Casting No. 9N3076. 3208 Engine; Bolt on pulley (3 belt).
Part No. RW1162X.

CATERPILLAR ENGINE - 3406 B/C, CORE GROUP WP1002
Mfg. No. 7W7019, Casting No. 9N5034. 3406 B/C Engine; Gear driven, with Teflon seals.
Part No. RW1194PX.

Mfg. No. 631890, Casting No. 100-7479. 3406E Engine; Gear driven.
Part No. RW6012X.

CUMMINS ENGINE - BIG CAM, CORE GROUP WP1003
Mfg. No. 3022474, Casting No. 218274. Big Cam; 4.675 dia. multi-groove pulley; 4½" imp.; vented; NTC290, 350, 400, Formula 290, 350.
Part No. RW1170X.

Mfg. No. 3045943 (3801708), Casting No. 3045163. Big Cam IV; 4.275 dia. multi-groove pulley; 4½" imp.; vented; 300, 350, 400, Fleet 300, NTC-Formula 300, 350, 400, NTC-475.
Part No. RW1172X.

CUMMINS ENGINE - SMALL CAM, CORE GROUP WP1003
Mfg. No. 3000886, 3801715 (AR45090), Casting No. 219040, 210238. Small Cam FFC; 7-hole mount; 2-groove pulley; 5¼" imp.; non-vented; NTC-270-CT, NT855-C280, NTC-290-R, NT855-C310, NT-310, NTC-355, NT855-C335, NTC350, NTA855-C360, NTC290.
Part No. RW1171X.

CUMMINS ENGINE - 88 BIG CAM IV, CORE GROUP WP1031
Mfg. No. 3803138 (3803030), Casting No. 3062899. 88 Big Cam IV; multi-groove pulley; NTC-300, 315, 350, 365, 400.
Part No. RW1176X.

CUMMINS ENGINE - L-10, CORE GROUP WP1034
Mfg. No. 3801840, 3803402, Casting No. 3039182. LTA10 Series; before 1991; 4-hole mount; LTA10-240, 270, 300 engines.
Part No. RW1178X.

CUMMINS ENGINE - N14, CORE GROUP WP1045
Mfg. No. 3803605 (3803361), Casting No. 3069644. N-14 Series; multi-groove pulley; N14-310, 330, 350, 370, 410 engines.
Part No. RW1073X.

CUMMINS IDLER - BIG/SMALL CAM, CORE GROUP WP1006
Mfg. No. 3064919 (AR45189), Casting No. 215397. Big Cam; multi-groove pulley.
Part No. RW1173X.

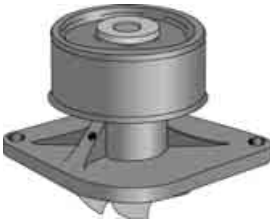
Mfg. No. 3064920 (AR8851), Casting No. 208118. Small Cam; 2-belt pulley.
Part No. RW1175X.

RW1173X

RW1175X

CUMMINS ENGINE - C-SERIES - 8.3, CORE GROUP WP1043
Mfg. No. 3802081, Casting No. 3903357. C-Series Diesel Engine.
Part No. RW6077X.

CUMMINS ENGINE - B-SERIES, CORE GROUP WP1047
Mfg. No. 3802358 (3802004), Casting No. 393132. B-Series Engine; 4 & 6 cylinder.
Part No. RW6075X.



DETROIT DIESEL ENGINE - 60 SERIES, CORE GROUP WP1039
Mfg. No. 23509067 (23505019), Casting No. 23505018. 60 Series engine; (prior to 12/90); gear driven.
Part No. RW1160X.

DETROIT DIESEL ENGINE - 92 SERIES, CORE GROUP WP1013
Mfg. No. 8921105, Casting No. 8921100. 6 and 8V 92 Series engine; 2¼" and 2½" I.D. outlets; walking; one straight outlet pipe and one at 45°, snap ring cover.
Part No. RW1189X.

DETROIT DIESEL ENGINE - 60 SERIES, CORE GROUP WP1048

Mfg. No. 23505895, Casting No. 23505894. 60 Series engine (after 12/90); gear driven.
Part No. RW4122X.

DETROIT DIESEL ENGINE - 92 SERIES, CORE GROUP WP1014

Mfg. No. 8921104, Casting No. 8921099. 92 Series engine; gear driven; running; two outlet pipes at 45°, snap ring cover.
Part No. RW1188X.

DETROIT DIESEL ENGINE - 71 SERIES, CORE GROUP WP1009

Mfg. No. 5149707, Casting No. 5186574. 71 Series in-line engine; right side; standard capacity.
Part No. RW1181X.

NAVISTAR ENGINE - 6.9 & 7.3 LITRE, (FORD), CORE GROUP WP1018

Mfg. No. E9TZ8501B, E4T2-8501B; Casting No. 446430C1. 6.9 and 7.3 litre engine; Ford truck; belt driven; pulley not supplied.
Part No. RW1757X.

FORD POWERSTROKE ENGINE - 7.3 LITRE TURBO DIESEL, CORE GROUP WP1064

Mfg. No. F6TZ-8501AA, F7TZ-8501BRM, F81Z-8501A, F81Z-8501B, F81Z-8501CRM, F81Z-8501FA. Casting No. 1831005C2. 7.3 litre Turbo Diesel Ford Powerstroke engine.
Part No. RW1767X.

NAVISTAR ENGINE - DT466, CORE GROUP WP1016

Mfg. No. 685155C92, Casting No. 677856C1. DT466 engine; belt driven; conventional cab; pulley not supplied.
Part No. RW1190X.

CELEBRATING 40 YEARS
40
1968 Gregg 2008

Gregg Distributors Ltd.

Totally Canadian.

Electric Fuel Pumps

PISTON TYPE FUEL PUMP

The 82050 series is a powerful piston type pump which brings solid state reliability to fuel pumps. One moving part. Built-in filters eliminate the need for other filters in line: microcarbon filter dissipates water; magnetic filter traps metallic particles. Gas line connection 1/4" internal PT.
Part No. 82050, 12V neg. grd., 7 psi.
Part No. 82051, 12V neg. grd., 5 psi.
Part No. 82052, 12V pos/neg. grd., double insulated, 7 psi.
Part No. 82054, 24V pos/neg. grd., 7 psi.

FUEL PUMP

The 235 series has a built-in screen. Gas line connection: 1/8" internal PT. Not to be used with alcohol based fuels. 12V pos/neg. grd., 5 psi.
Part No. 235A-D.

Instruments & Gauges

Stewart Warner Instruments and Gauges can be found on the following pages. Below are descriptions of the 4 "Instrument Families" carried by Gregg Distributors Ltd. These instrument families are referred to in the charts of available gauges.

INSTRUMENT FAMILY DESCRIPTIONS

DELUXE™ INSTRUMENTS

•Classic easy-to-read white graphics on black face dials with white pointers •Patented light ring for night-time illumination •Low profile, bright, stainless steel bezel and metal cases

HEAVY DUTY™ INSTRUMENTS

•Bold white graphics on black face dials with white pointers •Black raised bezel with distinctive brushed bright rim •Patented light ring for better night-time readability •Mechanical gauges feature Bourdon tube mechanisms while electric gauges feature Bi-Torque™ mechanisms

HEAVY DUTY PLUS™ INSTRUMENTS

•ISO symbols on face dials indicate function being monitored •High visibility green tinted night-time illumination •Attractive low profile black bezel •Easy-to-read green and white graphics on black with white pointers

STANDARD INSTRUMENTS

•Classic white graphics on black face dial with white pointer •Flat bright stainless steel bezel •Popular diaphragm mechanism for proven performance in 2-1/32" diameter case •Sealed case and non-illuminated

MECHANICAL PRESSURE GAUGES

PART NO.	INSTRUMENT FAMILY	DIAL GRAPHICS	DESCRIPTION	SIZE
82320	Deluxe	fuel pressure	2 - 30 psi fuel pressure	2-1/16"
82207B	Standard	psi universal pressure	0 - 50 psi universal pressure	2-1/32"
82322	Deluxe	oil pressure	5 - 80 psi oil pressure	2-1/16"
82208B	Standard	psi pressure	5 - 80 psi oil pressure	2-1/32"
82323	Deluxe	oil pressure	5 - 100 psi oil pressure	2-1/16"
284D	Heavy Duty	oil psi	5 - 100 psi oil pressure	2-1/16"
82209B	Standard	psi pressure	5 - 100 psi oil pressure	2-1/32"
82329	Deluxe	air pressure	10 - 150 psi air pressure	2-1/16"
284N	Heavy Duty	air psi	10 - 150 psi air pressure	2-1/16"
82324	Deluxe	oil pressure	10 - 200 psi oil and fuel pressure	2-1/16"
82325	Deluxe	fuel pressure	10 - 200 psi oil and fuel pressure	2-1/16"
284P	Heavy Duty	oil psi	10 - 200 psi oil and fuel pressure	2-1/16"
82120	Deluxe	drive oil	20 - 300 psi transmission oil and drive oil pressure	2-1/16"
284R	Heavy Duty	trans psi	20 - 300 psi transmission oil and drive oil pressure	2-1/16"
82121	Deluxe	drive oil	25 - 400 psi transmission oil and drive oil pressure, marine deluxe	2-1/16"

82322 face

82208B face

PRESSURE/TUBING KITS

Contains: 1/8" female PT nut; 1/8" male PT nut; 1/4" adapter nut; tubing.
Part No. 82553-F, With 6 ft. tubing.
Part No. 366HM-F, With 16 ft. tubing.

MECHANICAL TEMPERATURE GAUGES

284B face

82210B face

PART NO.	INSTRUMENT FAMILY	DIAL GRAPHICS	DESCRIPTION	SIZE
82210B*	Standard	temperature	100 - 250°F water temperature; Tube length (in.): 36, 48, 60, 72, 144	2-1/32"
284B*	Heavy Duty	water °F	100 - 265°F water temperature; Tube length inches: 36, 72, 144	2-1/16"
82326*	Deluxe	water temp	100 - 265°F water temperature; Tube length inches: 48, 60, 72, 96, 120, 144, 216, 288, 360	2-1/16"
82327*	Deluxe	oil temp	140 - 325°F oil temperature; Tube length inches: 60, 72, 96, 144, 216	2-1/16"

*Indicate tube length when ordering mechanical water temperature and oil temperature gauges; i.e. 82326-72 = 72" tube length.

WARNING: *The tubing on mechanical temperature gauges is gas filled and cannot be shortened without damaging the gauge.*

MECHANICAL VACUUM GAUGES

82328 face

PART NO.	INSTRUMENT FAMILY	DIAL GRAPHICS	DESCRIPTION	SIZE
82328	Deluxe	vacuum in Hg	0 - 30 HG mechanical vacuum	2-1/16"

MECHANICAL TACHOMETERS

551AHK-D face

PART NO.	INSTRUMENT FAMILY	DIAL GRAPHICS	DESCRIPTION	SIZE
82696	Heavy Duty Plus	engine revs. x 100,000 RPM x 100, (symbol)	0 - 3000 rpm tachometer 0.5:1 ratio/hourmeter	3-3/8"
82690	Deluxe	engine hours RPM x 100	0 - 3500 rpm tachometer 1:1 ratio/hourmeter	3-3/8"
82691	Deluxe	RPM x 100	0 - 3500 rpm tachometer 1:1 ratio	3-3/8"
551AHK-D	Heavy Duty	RPM x 100	0 - 3500 rpm tachometer 5:1 ratio	3-3/8"

ELECTRIC TACHOMETERS

82170 face

PART NO.	INSTRUMENT FAMILY	DIAL GRAPHICS	DESCRIPTION	SIZE
82620	Deluxe	RPM x 100	0 - 3500 rpm diesel tach, hall effect; Selectable ratio .5, 1, 1.5, 2	3-3/8"
82619	Heavy Duty	RPM x 100	0 - 3500 rpm diesel tach, hall effect; Selectable ratio .5, 1, 1.5, 2	3-3/8"
82640	Heavy Duty	RPM x 100	0 - 3500 rpm diesel tach, hall effect; Selectable ratio .5, 1, 1.5, 2	3-3/8"
82643	Heavy Duty Plus	RPM x 100, (symbol)	0 - 3500 rpm diesel tach, hall effect; Selectable ratio .5, 1, 1.5, 2	3-3/8"
82647	Heavy Duty Plus	RPM x 100 hours 1/10	0 - 3500 rpm diesel tach, hall effect; Select. ratio .5, 1, 1.5, 2/hourmeter	3-3/8"
82636	Deluxe	RPM x 100, (symbol)	0 - 3500 rpm diesel tach, mag. pick-up; Selectable ratio .5, 1, 1.5, 2/flywheel application	3-3/8"
82641	Heavy Duty	RPM x 100	0 - 3500 rpm diesel tach, mag. pick-up; Selectable ratio .5, 1, 1.5, 2/flywheel application	3-3/8"
82644	Heavy Duty Plus	RPM x 100, (symbol)	0 - 3500 rpm diesel tach, mag. pick-up; Selectable ratio .5, 1, 1.5, 2/flywheel application	3-3/8"
82162B	Deluxe	RPM x 1000	0 - 6000 rpm gas/ignition tachometer; 4, 6, and 8 cylinder	3-3/8"
82170	Deluxe	RPM x 1000	0 - 8000 rpm gas/ignition tachometer; 4, 6, and 8 cylinder	3-3/8"

HAND-HELD TACHOMETER

0 - 4000 rpm clockwise and counter-clockwise. 3" diameter and 4" long; used for direct measure on rotating shaft.
Part No. 82682, Hand-held tachometer.
Part No. 96798, Cone rubber tip.
Part No. 96799, Cup rubber tip.

ELECTRIC SPEEDOMETERS

PART NO.	INSTRUMENT FAMILY	DIAL GRAPHICS	DESCRIPTION	SIZE
82656	Deluxe	MPH km/h km	5 - 85 mph electric speedometer/ metric deluxe/programmable/ metric odometer/dual scale/metric dominant	3-3/8"
82658	Heavy Duty Plus	MPH km/h km	5 - 85 mph electric speedometer programmable/metric odometer/ dual scale/metric dominant	3-3/8"

ELECTRIC TEMPERATURE GAUGES

PART NO.	INSTRUMENT FAMILY	DIAL GRAPHICS	DESCRIPTION	SIZE
82306	Deluxe	water temperature	100 - 240°F water temperature	2-1/16"
82345	Deluxe	hyd. oil temperature	100 - 240°F water temperature	2-1/16"
82374	Heavy Duty Plus	°F water, (symbol)	100 - 240°F water temperature	2-1/16"
82730	Heavy Duty Plus	°F °C coolant, (symbol)	100 - 240°F water temp. dual scale/English dominant	2-1/16"
284J	Heavy Duty	water °F	100 - 280°F water temperature	2-1/16"
82115	Deluxe	oil temperature	100 - 280°F water temperature marine deluxe	2-1/16"
82307	Deluxe	water temperature	100 - 280°F water temperature	2-1/16"
82308	Deluxe	oil temperature	140 - 320°F oil temperature	2-1/16"
82375	Heavy Duty Plus	trans °F, (symbol)	140 - 320°F oil temperature	2-1/16"
82344	Deluxe	trans oil temperature	150 - 350°F oil temperature	2-1/16"

284J face

82730 face

TEMPERATURE SENDERS

Constructed of high quality, corrosion resistant brass for maximum durability and outstanding electrical and thermal conductivity. Phosphor bronze contact spring provides resistance to shock and vibration.
Part No. 280EC, 1/8" NPTF thread, 5/8" hex, 100 - 230°F range.
Part No. 280EA, 1/8" NPTF thread, 5/8" hex, 100 - 240°F range.
Part No. 280ED-F, 1/8" NPTF thread, 5/8" hex, 100 - 280°F range.
Part No. 280EE-F, 1/8" NPTF thread, 5/8" hex, 140 - 320°F range.

TEMPERATURE SWITCHES

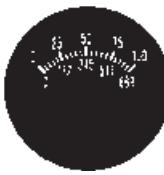
Solid brass body with gold plated contacts. Excellent accuracy and repeatability. Normally open contact; switches are voltage independent.

PART NO.	THREAD SIZE	TEMPERATURE	TERMINAL
83300	1/4" NPTF	200°	Spade
83301	1/4" NPTF	225°	Spade
83302	1/4" NPTF	225°	Screw
83303	1/4" NPTF	240°	Screw
83304	3/8" NPTF	200°	Spade
83305	3/8" NPTF	220°	Screw
83306	3/8" NPTF	235°	Spade
83307	1/2" NPTF	200°	Spade
83308	1/2" NPTF	200°	Screw
83309	1/2" NPTF	215°	Screw
83310	1/2" NPTF	225°	Spade
83311	1/2" NPTF	250°	Screw
83312	1/2" NPTF	270°	Screw
83313	M16 x 1.5	225°	Spade
83314	M16 x 1.5	250°	Spade

ELECTRIC PRESSURE GAUGES

PART NO.	INSTRUMENT FAMILY	DIAL GRAPHICS	DESCRIPTION	SIZE
82304	Deluxe	oil pressure	0 - 80 psi oil pressure	2-1/16"
82354	Heavy Duty Plus	oil psi, (symbol)	0 - 80 psi oil pressure	2-1/16"
82305	Deluxe	oil pressure	0 - 100 psi oil and fuel pressure	2-1/16"
82358	Heavy Duty Plus	oil psi, (symbol)	0 - 100 psi oil and fuel pressure	2-1/16"
82728	Heavy Duty Plus	oil psi, kPa, (symbol)	0 - 100 psi oil and fuel pressure dual scale/ English dominant	2-1/16"
284L	Heavy Duty	oil psi	0 - 100 psi oil and fuel pressure	2-1/16"
82346	Deluxe	air pressure	0 - 150 psi air and oil pressure	2-1/16"

82305 face


82728 face

THICK FILM PRESSURE SENDERS

Preferred for the most rigorous applications, thick film pressure senders will last up to five times longer than senders with wire-wound resistors. 12 volts is normal operating voltage. Can be used in a 24 volt situation with voltage adapter (#829525-2D).
Part No. 279A, 80 psi thick film pressure sender.
Part No. 279B-F, 100 psi thick film pressure sender.
Part No. 279C, 150 psi thick film pressure sender.

Part No. 829525-2D, Voltage adapter used to adapt 12 VDC gauges to higher voltage electrical systems.

829525-2D

PRESSURE SWITCHES

Robust construction for maximum strength. Diaphragm assembly is normally closed. Switches are voltage independent. 1/8" PT.
Part No. 364L-F, 6 psi.
Part No. 364K-F, 15 psi.

ELECTRIC VOLTMETERS

PART NO.	INSTRUMENT FAMILY	DIAL GRAPHICS	DESCRIPTION	SIZE
284H	Heavy Duty	volts	10 - 16V voltmeter	2-1/16"
82309	Deluxe	batt chg volts	10 - 16V voltmeter	2-1/16"
82376	Heavy Duty Plus	batt. V, (symbol)	10 - 16V voltmeter	2-1/16"
284AJ	Heavy Duty	volts	20 - 32V voltmeter	2-1/16"
82347	Deluxe	batt chg volts	20 - 32V voltmeter	2-1/16"

284H face

STEWART WARNER
Instruments & Gauges

AMMETERS

PART NO.	INSTRUMENT FAMILY	DIAL GRAPHICS	DESCRIPTION	SIZE	FIGURE NO.
82201	Standard	amperes	20-0-20 ammeter; internally shunted/non-illuminated sealed case	2-1/32"	1
82200	Standard	amperes	30-0-30 ammeter; internally shunted/non-illum. sealed case; 2-1/32" case	2-1/16"	3
82310	Deluxe	amperes	30-0-30 ammeter; internally shunted	2-1/16"	2
284A	Heavy Duty	amperes	60-0-60 ammeter; internally shunted	2-1/16"	5
82108	Deluxe	amperes	60-0-60 ammeter; marine deluxe/internally shunted	2-1/16"	5
82202	Standard	amperes	60-0-60 ammeter; internally shunted/non-illum. sealed case; 2-1/32" case	2-1/16"	6
82311	Deluxe	amperes	60-0-60 ammeter; internally shunted	2-1/16"	5
284AA	Heavy Duty	amperes	100-0-100 ammeter; requires external shunt #407616	2-1/16"	8
82313	Deluxe	amperes	100-0-100 ammeter; internally shunted	2-1/16"	8

SW INSTRUMENTS

figure 1

figure 2

figure 3

figure 5

figure 6

figure 8

ELECTRIC FUEL LEVEL GAUGES

284M face

82211 face

PART NO.	INSTRUMENT FAMILY	DIAL GRAPHICS	DESCRIPTION	SIZE
284M	Heavy Duty	fuel	240 ohm fuel level gauge	2-1/16"
82111	Deluxe	fuel	240 ohm fuel level gauge/marine deluxe	2-1/16"
82211	Standard	fuel	240 ohm fuel level gauge	2-1/32"
82303	Deluxe	fuel	240 ohm fuel level gauge	2-1/16"
82378	Heavy Duty Plus	fuel, (symbol)	240 ohm fuel level gauge	2-1/16"
82386	Deluxe	(symbol)	240 ohm fuel level gauge	2-1/16"

385 series

391 series

ADJUSTABLE THICK FILM FUEL SENDERS

Thick film resistors deliver greater accuracy and will perform reliably for more than twenty million cycles. Phosphor bronze wiper with nickel silver contact provides extended life under fuel sloshing, vibration, and dither conditions. 240 ohm units, resistance range (full) 29.0 - 33.5 ohms; (empty) 240 - 250 ohms.

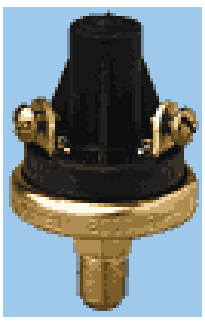
Part No. 385B-F, 6 - 12" tank depth, LH thick film fuel sender.
Part No. 385C-F, 6 - 12" tank depth, RH thick film fuel sender.
Part No. 391A-F, 10 - 15" tank depth, LH thick film fuel sender.
Part No. 391B-F, 10 - 15" tank depth, RH thick film fuel sender.
Part No. 391C-D, 15-1/2 - 24" tank depth, LH thick film fuel sender.
Part No. 391D-D, 15-1/2 - 24" tank depth, RH thick film fuel sender.

GAUGE PANELS

CHROME GAUGE PANELS

2-1/16" holes; chrome.
Part No. 817825-F, 1 hole.
Part No. 814143-F, 2 hole.
Part No. 811653-F, 3 hole.

HOBBS
Pressure & Vacuum Switches



5000 series pressure switches are specifically designed to stand up to extended duty applications. Outstanding design benefits are its durable construction, compact size, and enhanced set point integrity. Switches feature Kapton diaphragms.

FACTORY SET POINT	CIRCUITRY	SINGLE CIRCUIT 1 TERMINAL	SINGLE CIRCUIT 2 TERMINAL	DUAL CIRCUIT 3 TERMINAL
2 psi	N.O.	-	76051-2	-
2 psi	N.C.	-	76061-2	-
3 psi	N.O.	-	-	76071-3
4 psi	N.O.	78143-4	76575-4	76579-4
4 psi	N.C.	78150-4	76577-4	-
10 psi	N.O.	78144-10	76576-10	76580-10
10 psi	N.C.	78151-10	76578-10	-
15 psi	N.O.	78145-15	76052-15	76072-15
15 psi	N.C.	78152-15	76062-15	-
30 psi	N.O.	78146-30	76053-30	76073-30
30 psi	N.C.	78153-30	76063-30	-
60 psi	N.O.	78147-60	76054-60	76074-60
60 psi	N.C.	78154-60	76064-60	-
100 psi	N.O.	-	76055-100	76075-100
100 psi	N.C.	-	76065-100	-

Hour Meters

DC HOUR METERS

85000 DC HOUR METERS

Indicates operating time in hours and tenths, plus has a running indicator. 10,000 hour version standard, with automatic recycle to zero. Totally sealed. Temperature range: -40°C to 85°C. 1/4" male blade terminals are standard. Glass lens, polyester case.

Part No. 85094, 2-screw black, 10 - 80 VDC.

Part No. 23944, Angle bracket for all 2-screw rectangular meters when panel mounting is not practical.

Part No. 85097, 3-screw black, 10 - 80 VDC.

Part No. 85004, Chrome stirrup, 2.27", 10 - 32 VDC.
Part No. 85008, Chrome stirrup, 2.50", 10-32 VDC.
Part No. 85342, Chrome flush cup, 2.27", 10 - 80 VDC.
Part No. 85098, Chrome flush cup, 2.50", 10 - 80 VDC.
Part No. 85093, Black flush cup, 2.27", 10 - 80 VDC.

AC HOUR METERS

20000 AC HOUR METERS

Polycarbonate, shock resistant, tamper proof case. Records up to 99,999 hours, automatic recycle to zero. Totally sealed. Operating temperature: -54°C to 68°C. Lens material: (3-screw mount) glass; (all others) polycarbonate. Screw terminals.

Part No. 20001, 2-screw rectangular, 108 - 132 VAC, 60 hertz.

Part No. 20017, 3-screw round, 108 - 132 VAC, 60 hertz.

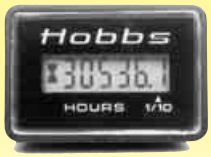
LCD HOUR METERS

98000 LCD HOUR METERS

LCD hour meters provide a large easy-to-read display in a conventional size package. The hour meters are available in a variety of mounting styles and voltage ranges that will fit virtually any application. Records up to 99,999.9 hours. Operating temperature: -40°C to +85°C. Features: •Totally sealed from moisture and dirt •Direct replacement for current hour meter •No battery back-up needed •Fits in existing panel openings •Compact depth •Rugged design •Pulse counter option •Reset option •Run indicator •9 to 64 VDC

2 SCREW STANDARD BEZEL
Part No. 98310, 2 terminal.
Part No. 98320, 3 terminal w/ enable.
Part No. 98300, 4 terminal resettable

2 SCREW DELUXE BEZEL
Part No. 98313, 2 terminal.
Part No. 98323, 3 terminal w/ enable.
Part No. 98303, 4 terminal resettable

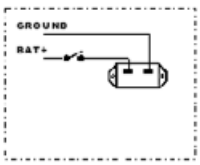


RETAINER MOUNT
Part No. 98311, 2 terminal.
Part No. 98321, 3 terminal w/ enable.
Part No. 98301, 4 terminal resettable

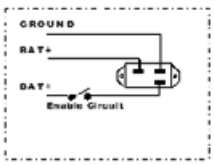
ROUND CHROME BEZEL
Part No. 98314, 2 terminal.
Part No. 98324, 3 terminal w/ enable.
Part No. 98304, 4 terminal resettable

ROUND BLACK BEZEL
Part No. 98312, 2 terminal.
Part No. 98322, 3 terminal w/ enable.
Part No. 98302, 4 terminal resettable

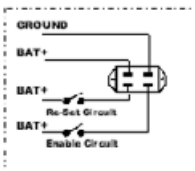
LCD WIRING SCHEMATICS



Two Terminal



Three Terminal



Four Terminal

Gregg Distributors Ltd.

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40
1968 Gregg 2008

Off-Road Winch Products & Accessories

16.5ti HEAVY DUTY THERMOMETRIC SELF-RECOVERY WINCH

Ideal for heavier trucks and SUVs. The new WARN 16.5ti winch is the highest capacity, most technologically advanced truck winch in the industry today. Features the full diagnostic ability of WARN Thermometric technology, plus the extreme sealing, durability and reliability that this series are known for. New, more efficient design delivers faster line speeds and lower amp draw. It's beefed up where needed, and features a new aluminum solenoid housing cover. Not to mention 90 ft. of aircraft grade 7/16" wire rope. If you've got a big rig and you like to load it up, this is the winch to handle it. 3-stage planetary gear train; efficient controls; exclusive multi-segment cam actuated brake; operator feedback on motor temperature on remote.

Part No. 68801.

Specifications

Rated line pull	16,500 lbs. (7484 kgs.) single line.
Motor	12V, 4.6 hpGen II, Series Wound™
Controls	Remote Switch, ti, 12 ft. lead
Gear Train	3-stage planetary
Gear Ratio	315:1
Fairlead	Roller

M15000 HEAVY DUTY SELF-RECOVERY WINCH

Designed for the really big trucks, the Warn M15000 is a 15,000 lb. brute. Boasts new high strength gear train components to handle the stresses of a 15,000 lb. load. The gear ratio is 315:1 with 90 ft. of 7/16" wire rope equipped with a large hook and latch. The control pack is designed for generous clearance and ease of access. 4.6 hp Series Wound motor with direct drive cone brake.

Part No. 47801.

9.5ti THERMOMETRIC WINCH

No other recreational winch on the market today combines a massive protective structure with sophisticated user feedback control. The 9.5ti is 9500 lbs. of pulling capacity packed into a massive 12.5 pound 360 aluminum die-cast body. Sealed for extreme duty water resistance. Powered by a Generation II Series Wound motor and controlled by another Warn Industries' first: the Thermometric Indicator that gives the operator information about motor operating temperature. Remote control with 12 ft. lead; roller fairlead.

Part No. 67550.

WARN® and the WARN logo are registered trademarks and/or service marks of Warn Industries, Inc.

9.5 xp EXTREME PERFORMANCE WINCH

The fast, powerful Warn 9.5 xp is designed for the serious off-roader who demands a winch that will perform under the most extreme conditions in the world. With 9,500 lbs. of pulling power, the longest duty cycle and fastest line speed of any Warn winch under load, the 9.5 xp delivers extreme performance when you need it most. Features an all new, High Output Parallel Series Wound winch motor that's the strongest and most durable in the industry. Full face contact drum seals, motor and end housing gaskets deliver extreme-duty water resistance.

Part No. 68500.

Specifications

Rated line pull..... 9500 lbs. (4310 kgs.) single line.
Motor ..... 12V DC, 6 hp High Output Parallel Series Wound
Controls ..... Remote Switch, 12 ft. lead
Gear Train..... 3-stage planetary
Gear Ratio 156:1
Fairlead..... Roller

9.5 si M.O.S.F.E.T. WINCH

Warn Industries has taken MOSFET (Metal-Oxide-Semiconductor Field-Effect-Transistor) technology and put it to work for serious off-roaders. The 9.5 si MOSFET control module eliminates the solenoid pack and its electro-mechanical functions. With no moving parts, this model takes "rugged" to new extremes. Water and contaminants are readily shed. There's no corrosion build-up to foul contacts. Operating temperatures from -40°C to + 82°C won't phase it. With its extreme sealing system and the 12.5 lb. aluminium die-cast body, the 9.5 si is the winch for the really serious user.

Part No. 67600.

Specifications

Rated line pull..... 9500 lbs. (4310 kgs.) single line.
Motor ..... 12V DC, Gen II, Series Wound™
Controls ..... 9.5si Remote Switch, 12 ft. lead
Gear Train..... 3-stage planetary
Gear Ratio 156:1
Fairlead..... Roller

TABOR SERIES 9k WINCH

Delivers the best value for the entry level winch user. A tough winch at a great value; comes with an automatic brake, 100 ft. of wire rope, low profile freespool actuator and a 3-stage planetary geartrain. Includes hand held remote control with 12 ft. lead, wire rope with hook, hook strap and roller fairlead.

Part No. 900560.

TABOR SERIES 12k WINCH

Great as an entry level winch — this unit is for heavier trucks that need occasional help. Features a 12V Series Wound™ motor, a low profile freespooling actuator, 3-stage planetary geartrain and 80 ft. of wire rope. Power for when you need it most. Includes hand held remote control with 12 ft. lead, wire rope with hook, hook strap and roller fairlead.

Part No. 812000.

XD9000i SELF-RECOVERY WINCH

One of Warn's more famous winches, the XD9000i has won positive comments from all the off-roading magazines. Now, with the addition of the all-new 4.6 hp Series Wound™ motor, it's better than ever. No-load line speed is 38 ft./minute. It has more torque. And its three-stage planetary gearing lets it run cooler and longer than earlier models. 9000 lbs. rated line pull. Remote control with 12 ft. lead; roller fairlead.

Part No. 27550.

ABOUT THE i-SERIES

For the "i" series Warn engineers conceived a design that was compact, easy to mount and resistant to extreme weather conditions. The result of their endeavour is the advanced i-series. The "i" actually stands for "integrated", which is what engineers have done with the solenoids and controls. The "i" series integrates the control pack into the main winch body and protects it in an all-metal housing. This makes installation easy, improves durability, and creates a sleek look without sacrificing power.

RT30 SERIES ATV WINCH

For Bigger ATVs and Heavier Pulling Jobs, This Winch Helps You Get The Job Done In The Field And On The Trail.

With a mammoth 3,000 lb. pulling capacity, 50 ft. of durable aircraft-grade wire rope and a convenient hand held remote, the RT30 has the features you need to get the job done in the field and on the trail. No matter what the situation, the RT30's full sealing means the winch is prepared to do battle against the elements, and its all-metal 3-stage planetary gear train will provide countless years of smooth, reliable operation. The brake prevents rollback and will hold your vehicle securely on inclines. A standard hand held wired remote and handlebar-mounted mini-rocker switch increases your winching options so you can get the job done right.

Part No. 76000.

Specifications

Rated Line Pull - 3000 lbs. (1360 kg) single line.
Motor - 12V DC, .9hp permanent magnet, Sealed
Controls - Corded remote and handlebar-mounted mini-rocker control switch
Gear train - All-metal 3-stage planetary
Gear Ratio - 154:1
Clutch (freespooling) - Sliding pin and ring gear

NEW!!

RT25 SERIES ATV WINCH

Work Or Play - This Winch Is Everything You Need To Get The Job Done.

This is the winch you want when you need to pull up to 2,500 lbs. using wire rope. As the industry standard, this unit is great for pulling a heavy load or recovering a stuck ATV. Features include our patent-pending brake to hold you on steep inclines, a reliable all-metal 3-stage planetary geartrain, an efficient electrical system that allows for longer pulls with minimal battery drain, and a handlebar-mounted mini-rocker switch for great control.

Part No. 75000.

Specifications

Rated Line Pull - 2500 lbs. (1134 kg) single line.
Motor - 12V DC, .9hp permanent magnet, Sealed
Controls - Sealed handlebar-mounted mini-rocker control switch
Gear train - All-metal 3-stage planetary
Gear Ratio - 154:1
Clutch (freespooling) - Sliding pin and ring gear

NEW!!

RT25

Off-Road Winch Products & Accessories

XT30 SERIES ATV WINCH

NEW!!

This is the ultimate ATV winch! With 3,000 lbs. of pulling capacity, it can rescue the heaviest ATVs, and to keep the elements out, the winch is fully sealed. Premium amenities include an all-new wireless remote with handlebar-mounted holster, and 50 ft. of 3/16" diameter synthetic rope for reduced weight and easy handling. This winch also features a new 0.9 hp motor; an ergonomically designed clutch knob; a potted and sealed mini rocker handlebar control; a waterproof contactor; and a roller fairlead.

Part No. 76500.

Specifications
Rated Line Pull - 3000 lbs. (1360 kg) single line.
Motor - 12V DC, .9hp permanent magnet, Sealed
Controls - Wireless remote w/ handlebar holster and handlebar mounted mini-rocker
Gear train - 3-stage planetary
Gear Ratio - 154:1
Clutch (freespooling) - Sliding pin and ring gear

RT40 SERIES UTV WINCH

NEW!!

With a whopping 4,000 lbs. of pulling power, this winch is specially designed to pull the extra weight of a UTV, making it the most powerful winch in the line-up. Amenities include a potent 1.5 hp high torque motor; 55 ft. of 7/32" wire rope; a fully sealed drivetrain; an ergonomically designed clutch knob; a hand held remote; a potted and sealed mini rocker control with universal mount; a high capacity waterproof contactor; and a roller fairlead.

Part No. 77000.

Specifications
Rated Line Pull - 4000 lbs. (1814 kg)
Motor - 12V DC, 1.5 hp permanent magnet
Controls - Remote control with 10 ft. lead and universal mount mini rocker
Gear train - 3-stage planetary
Gear Ratio - 136:1
Clutch (freespooling) - Sliding pin and ring gear

WIRELESS CONTROL SYSTEM FOR ALL WARN POWERSPORTS WINCHES

NEW!!

This system allows powersports enthusiasts a convenient and versatile option when winching an ATV or UTV. Includes an easy-to-use, ergonomically designed, handheld wireless control with a long-lasting, lithium-ion battery; a receiver with a built-in antenna for the fastest installation; a handlebar mounted holster for the handheld remote; and all the wiring and hardware needed for easy installation on an ATV or UTV. Will fit all current Warn ATV and UTV winches as well as all existing Warn winches equipped with a contactor and mini rocker switch.

Part No. 74500.

M12000 SELF-RECOVERY WINCH

For heavy duty winching needs, this winch is a champion workhorse. Big torque, power and quick no-load retrieval speed is 30 ft./minute. Design is low profile, so it will fit where you want. And it's powered by the all-new 4.6 hp Series Wound™ motor and Warn's proven three-stage planetary gear train. With 125 ft. of 3/8" wire rope, the M12000 can solve most any pulling problem. 12,000 lbs. rated line pull. Remote control with 12 ft. lead; roller fairlead.

Part No. 17801.

M8000 SELF-RECOVERY WINCH

The compact, tough M8000 has always been an outstanding value. But with its new 4.8 hp Series Wound™ motor, it's something else. Torque is improved substantially. Line retrieval speeds have increased from 45% at no-load, to 67% at full pull. And it runs cool for longer duty cycles. 8000 lbs. rated line pull. Remote control with 12 ft. lead; roller fairlead.

Part No. 26502.

Part No. 20910, Same as above except with Hawse fairlead.

M8274-50 SELF-RECOVERY WINCH

The fastest is even faster. No-load retrieval speed for the M8274-50 is now at 73.4 ft./minute. At 150 ft. of 5/16" cable, it also has a very long line capacity. Its unique spur-gear drive train and upright design are totally rugged. And its braking system delivers smooth operation. Roller fairlead, remote control on 12 ft. lead, free spool clutch and battery cables are included. 8000 lbs. rated line pull.

Part No. 38631.

M6000 SDP SELF-RECOVERY WINCH

A short drum portable winch for small sport utility vehicles, the 4.8 hp M6000 SDP provides plenty of pulling power, can be mounted single-handedly, and stores in a snap. Line retrieval speeds have increased — up 27% at no-load, 233% at full pull. This compact winch comes complete with handle/mounting system for a Class III 2" receiver, Hawse fairlead, remote control with 12 ft. lead, free spool clutch and battery cable. 6000 lbs. rated line pull.

Part No. 39116.

M6000 MEDIUM TO LIGHT DUTY WINCH

This is a medium to light duty winch. But it's no weakling. Designed to be compact, its 4.8 hp Series Wound™ motor can still pull 6,000 lbs., making it ideal for smaller vehicles with big ideas.

Part No. 45880.

Specifications
Rated line pull.....6000 lbs. (2720 kgs.) single line.
Motor .....12V DC, 4.8 hp Series Wound
Controls.....Remote Switch, 12 ft. lead
Gear Train.....3-stage planetary
Gear Ratio 156:1
Fairlead.....Roller
Wire rope.....80 ft., 5/16" diameter

DC3000 INDUSTRIAL DC ELECTRIC HOIST

3000 lb. capacity. The DC3000 features a special 199:1 3-stage planetary gear reduction. The weatherproof industrial contactor with 12 ft. remote control provides dynamic braking for secure load control. The cable to drum ratio is 18:1 with 5/16" wire rope. Designed to meet ANSI B30.5 standards. Clockwise, 12V Series Wound™ motor, contactor and remote control.
Part No. 36945.

DC2000 INDUSTRIAL DC ELECTRIC HOIST

2000 lb. capacity. Compact design for mounting flexibility and light weight. A powerful Series Wound™ motor combined with a deep 261:1 gear ratio results in an excellent duty cycle performance. Meets ANSI B30.5 standards. Clockwise, 12V Series Wound™ motor, contactor and remote control.
Part No. 33475.

DC1600 INDUSTRIAL DC ELECTRIC HOIST

1600 lb. capacity. The DC1600 features a large frame for increased wire rope capacity. A heavy duty permanent magnet motor combined with a deep 261:1 gear ratio results in precise position control. Clockwise, 12V permanent magnet motor, contactor and remote control.
Part No. 33501.

DC1200 INDUSTRIAL DC ELECTRIC HOIST

1200 lb. capacity. This compact hoist is built to work. Its heavy duty permanent magnet motor, 216:1 gear ratio and dual cone brake combine to ensure safe and reliable performance. Designed to meet ANSI B30.5 standards. Clockwise, 12V permanent magnet motor, contactor and remote control.
Part No. 60035.

See the WARN® DC Powered Pulling Tools on the following page.

DC Powered Pulling Tools

WARN WORKS® 1700 WINCH

The WARN Works® series puts an all metal gear train together with a 1.9 hp. permanent magnet motor. The 1700 has an easy to use heavy duty rotary control switch for power-in or power-out. The control switch can be mounted on the motor or remotely. The multi-directional clutch is a lever-actuated spring with a cam-over pin that is easy to engage from any angle that makes free spool simple. The brake is a self locking gear train that holds full rated load and the wire rope attachment lets you set the motor operation on the right or left side.

Part No. 651700.

Specifications
Switch Type ..... Dial - motor or remote mounted
Motor ..... Permanent magnet
Horsepower ..... 1.9 HP 3.0" diameter
Gear Train..... Split ring gear design
Gear Ratio 222:1
Clutch ..... Lever, multi-directional operation
Wire rope ..... 35 ft., 5/32" diameter

WARN WORKS® 3700 WINCH

The perfect tool for almost any job. The WARN Works® 3700 puts an all-metal gear train together with a 1.9 hp. permanent magnet motor and a rugged three stage planetary gear design, providing a 3700 lb. rated pull. It has an all weather remote control with 12 ft. lead for easy and safe power in or out. The multi-directional clutch is lever actuated and allows for free spooling of up to 60 ft. of wire rope. Braking is controlled by a mechanical and dynamic system that holds the full rated load. An ideal combination for rolling and static load pulling applications.

Part No. 603700.

Specifications
Switch Type ..... Remote with 12 ft. lead
Motor ..... Permanent magnet
Horsepower ..... 1.9 HP 3.0" diameter
Gear Train..... 3 stage planetary
Gear Ratio 176:1
Clutch ..... Lever, multi-directional operation
Wire rope ..... 60 ft., 7/32" diameter

WARN WORKS® 4700 WINCH

Make work even easier with a higher capacity winch. The WARN Works® 4700 takes the 3 stage planetary gear train and puts it to work with a 1.9 hp permanent magnet motor. The braking is a mechanical and dynamic system that holds full rated load. The 12 ft. all weather remote control plugs into an industrial contractor control pack. The wires to the motor and contactor are protected by a plastic housing.

Part No. 604700.

Specifications
Switch Type ..... Remote with 12 ft. lead
Motor ..... Permanent magnet
Horsepower ..... 1.9 HP 3.0" diameter
Gear Train..... 3 stage planetary
Gear Ratio 216:1
Clutch ..... Lever, actuated sliding ring gear
Wire rope ..... 60 ft., 1/4" diameter

Winch Accessories

MULTI-MOUNT™ MOUNTING SYSTEMS

For those who desire the security a winch provides, but don't want it permanently mounted to their vehicle, Warn devised the Multi-Mount system. It consists of the winch frame and front receiver that are sold separately. With the receiver mounted on the front of your vehicle, and a standard Class III towing receiver on the rear, the winch and frame assembly can be inserted and operated any time and anywhere. Accommodates all Warn 9500, 9000, 8000, and 6000 lbs. capacity winches. Power is supplied by Quick Connect power leads. An added advantage of having the front receiver hitch is the ability to manoeuvre trailers from the front of the vehicle.

Part No. 26370.

WINCH UPGRADE KIT

Converts the WARN A2000 to the WARN 2.5ci ATV winch. Comes with the contactor, Express Install wiring and Mini-rocker switch control.

Part No. 63990.

REMOTE CONTROL UPGRADE KIT

For the WARN 2.5ci. Comes with remote control, socket and Express Install wiring.

Part No. 64259.

REPLACEMENT REMOTE CONTROL

For the WARN 2.5ci and 3.0ci ATV winches (remote only - does not include socket).

Part No. 64849.

REPLACEMENT MINI-ROCKER CONTROL SWITCH

Handlebar mounted control. Replacement part for the WARN 3.0ci and 2.5ci ATV winches, or the WARN Plow Actuator control. Includes switch and mounting hardware.

Part No. 64851.

REPLACEMENT ATV SWITCH ASSEMBLY

Part No. 36015.

REPLACEMENT CONTACTOR

Weather resistant contactor handles high amps. Replacement for the WARN 3.0ci, 2.5ci and A2500 ATV winches.

Part No. 63070.

RECEIVER SHACKLE BRACKET

Combines a heavy duty receiver bracket with a 3/4" shackle. Utilizes a standard Class III receiver hitch as a recovery point for off road use. Fits all standard Class III hitches. Hitch pin not included.
Part No. 29312.

Winch Accessories For Self-Recovery Winches

REMOTE CONTROL

For use with all WARN Winches except 9.5ti; 9.5si; 16.5ti. The next generation of winch remote controls — incorporates an improved ergonomic design with intuitive features. With high intensity LED flashlight.
Part No. 72567.

SHACKLE

For rigging attachment. 3/4" (9500 lbs.) for M4500 and larger winches.
Part No. 13047.

HEAVY DUTY SNATCH BLOCK

9000 lbs. to 24,000 lbs.; for M12000 and M10000 winches. Snatch blocks double the pulling power of any winch, or aid in angled pulls. They also reduce heat build-up and amp draw.
Part No. 15640.

SNATCH BLOCK ATV

0 to 7000 lbs. Snatch blocks double the pulling power of any winch, or aid in angled pulls. They also reduce heat build-up and amp draw.
Part No. 28881.

HAWSE FAIRLEAD

For winches over 4000 lbs.
Part No. 7608.

ROLLER FAIRLEAD

Reduces cable wear, especially on pulls at severe angles.
Part No. 5742.

ROLLER FAIRLEAD

Reduces excessive wear on your winch cable or wire rope and aids in angled pulls. Replacement for 2.5ci, 3.0ci, A2500. Upgrade from hawse fairlead on 1.5ci and A2000 winches.
Part No. 28929.

STANDARD RECOVERY STRAPS

With nylon webbing. Absorbs the shock of heavy pulls, while the elastic rebound energy aids in quick recovery. 2" x 30 ft. 14,400 lbs. rating.
Part No. 11391.

Part No. 11392, Same as #11391 except 3" x 30 ft., 21,600 lbs. rating.

FAIRLEAD COVERS

Roller fairlead covers are made of high-strength ABS plastic and attach easily to fairlead. Standard mounting kit.
Part No. 25580.

SOFT WINCH COVERS

Made of durable nylon-backed vinyl, and hold securely with elastic bungee cord fasteners.

Part No. 8557, For full size pick-ups/4x4s (M8274); C.J. Land Cruisers, flatbed mount.

Part No. 13918, For full size pick-ups/4x4s (XD9000, HS9500, M8000).

Part No. 15639, For C.J. Land Cruisers, flatbed mount (M12000, M10000).

Part No. 13917, For C.J. Land Cruisers, flatbed mount (XD9000, XD9000i, HS9500, HS9500i, M8000, X8000i; combo or multi-mount system).

Part No. 13916, For mid-size pick-ups/4x4s (HS9500, XD9000, M8000, M6000, M4500 and multi-mount system).

BATTERY ISOLATOR

Dual battery isolator, 95 amp rated. Fits the 1985 and newer General Motors and Toyota vehicles except 1973-76 Jeep vehicles.
Part No. 22630.

Winch Accessories For Self-Recovery Winches

QUICK CONNECT POWER ACCESSORIES

Quick Connect power accessories provide a safe and simple power source for portable winches and booster cables. Heavy duty are 175 amp; medium duty are 50 amp.

Part No. 22680, Heavy duty power lead quick connectors — 2 large connectors for 2 to 4 gauge cable.

Part No. 36080, Heavy duty 28" power lead — two 4 gauge cables, eye terminals to quick connector.

Part No. 32963, Heavy duty 20 ft. power lead cable kit with power interrupt, dust cover.

Part No. 22681, Medium duty power lead quick connectors for 6 - 12 gauge cable.

Part No. 23321, Medium duty 18" 4 gauge cable.

Part No. 32966, Heavy duty 24 ft. quick connect power cable, for rear of vehicle. Includes power interrupt kit.

Part No. 23243, Medium duty 8 ft. 4 gauge cable.

Part No. 33541, Medium duty 4 gauge power lead kit, 20 ft. with 20 ft. ground and power interrupt switch.

Part No. 69847, Quick connect dust cover, heavy duty.

22681

SOLENOID SWITCH

Upright replacement solenoid switch.
Part No. 72631.

Fog, Flood, & Driving Lights

4X FOG LIGHTS

In obscuring fog, including the common "pea soup" variety, 4X Fog Lights combine the optimal intensity and reflectiveness to illuminate the road so you can drive safely. The 55 watt quartz halogen bulbs, surrounded with a steel housing and double-thickness chrome plating, provide a broad, penetrating beam. Two lens options are available: yellow lens reduces glare and clear provide 10% to 20% greater brightness. Hard plastic lens covers are included.
Part No. 220310, 3½" x 6", clear lens.

4X FLOOD LIGHTS

If you're looking for great side visibility, Warn 4X Flood Lights have a beam spread of 15° vertical by 24° horizontal. In other words, on average you'll illuminate 200% more area than with original equipment headlights. That means you have the advantage when driving off-road, particularly in areas where deer, elk, moose, or livestock are frequent surprises. 4X Flood Lights are available in 6" and 5" sizes and feature 55 watt H-3 quartz halogen bulbs, polished stainless steel housings, hard plastic lens covers and 2-axis mounting brackets.
Part No. 220520, 5".
Part No. 220620, 6".

4X SPOT LIGHTS

Original equipment headlights vary by model but average a reflective range of 4000 - 5000 ft. Warn 6" and 5" 4X Spot Lights project an intense pencil beam with a reflective range of 10,800 ft. and 7900 ft. respectively. Understandably, they are designed exclusively for off-road use, as such a powerful beam would be blinding to oncoming traffic on the street. 4X Spot Lights are built to last. They're equipped with resilient 100 watt H-3 quartz halogen bulbs encased in polished stainless steel and come with virtually impenetrable lens covers. A 2-axis mounting bracket allows for easy adjustment.
Part No. 220510, 5".
Part No. 220610, 6".

4X DRIVING LIGHTS

For all-around light for off-road driving, depend on Warn Driving Lights for unmatched performance. Two important distinctions set them apart. First, the 55 watt H-3 quartz halogen bulbs are designed with low amp draw so they can be on all the time. Second, since driving lights are designed to supplement original equipment headlights, the 2-axis mounting bolts allow for precise aiming of the light beam. In short, you can eliminate any dark voids left by your original headlights. The lens is sealed to lock out dirt and moisture. 4" x 7".
Part No. 220410.

WARN®

PHILLIPS TEMRO
12 Volt Dump Body Vibrator

For fast, complete, and safe discharge of sticky, cohesive materials from dump truck bodies and dump trailers. Saves time and effort, reduces damage, minimizes tip-over potential and increases safety. Low frequency vibration to prevent metal and weld fatigue. Installs easily; operates from truck battery.

12 volt dump body vibrator, comes complete with 34 feet of No. 4 cable, terminals, switch, and solenoid.
Part No. 800-0875.

Replacement 12 volt motor for #800-0875.
Part No. 800-1030.

BUYERS PRODUCTS
Truck & Trailer Tool Boxes

HEAVY DUTY STEEL TOPSIDE TOOLBOXES

•Reinforced door backbone strengthens integrity of door and protects latch mechanism •Rain channel and door gasket keep moisture and dust out •16 gauge steel box; 14 gauge steel doors •(2) stainless steel folding T-handles with lock for security •White powder coat finish •Large 14" tall door opening and the recessed door provide easy access to spacious storage area •Full length stainless steel continuous hinge on doors offers sturdiness, durability and smooth performance •All mounting hardware included.

PART NO.	DESCRIPTION	SIZE
1702840	Topside Toolbox	13"D x 16"H x 72"W
1702850	Topside Toolbox	13"D x 16"H x 88"W
1702860	Topside Toolbox	13"D x 16"H x 96"W
1702840TRAY	Tray for 72"	10½"L x 35"W x 4"D
1702850TRAY	Tray for 88"	10½"L x 43"W x 4"D
1702860TRAY	Tray for 96"	10½"L x 47"W x 4"D

CONTRACTOR STYLE ALUMINUM TOPSIDE TOOLBOXES

•Heavy duty bright polished diamond tread aluminum construction •Slanted double level box designed to match the cab angle •Full length lower compartment provides access for longer items •Upper compartment features top opening door(s) with gas shocks •Stainless steel locking T-handle on all doors •All mounting hardware included.
Part No. 1705640, 72" Contractor Box (one door).
Part No. 1705650, 88" Contractor Box (two door).
Part No. 1705660, 96" Contractor Box (two door).

ALUMINUMTOPSIDE TOOLBOXES

•These toolboxes mount to the top of pickup trucks. Features sturdy, full length continuous hinge on doors, (2) stainless steel folding T-handles with lock and full weather stripping. Constructed of .100 mil diamond tread aluminum. Mounting brackets included.
Part No. 1701561, 13"D x 16"H x 96"L.

STEEL UNDERBODY TOOL BOXES

These high quality toolboxes Feature: •Continuous panel, 14 gauge steel box with 12 gauge steel door •1/2" thick gasket system •Rust proof, stainless steel, continuous hidden hinge •Reinforced door backbone protects latch mechanism •A locking stainless steel rotary paddle latch or folding T- latch secure the door to protect your tools and equipment from theft and weather •Powder coated black for exceptional corrosion resistance

PART NO.	SIZE (H x W x L)	LATCH TYPE
1703150	14" x 12" x 24"	Rotary paddle
1703100	14" x 16" x 24"	Rotary paddle
1703305	14" x 16" x 36"	Folding T
1702100	18" x 18" x 24"	Rotary paddle
1702103	18" x 18" x 30"	Rotary paddle
1702105	18" x 18" x 36"	Rotary paddle
1702110	18" x 18" x 48"	Rotary paddle (2)
1702115	18" x 18" x 60"	Rotary paddle (2)
1702300	18" x 18" x 24"	Folding T
1702303	18" x 18" x 30"	Folding T
1702305	18" x 18" x 36"	Folding T
1702310	18" x 18" x 48"	Folding T (2)
1702315	18" x 18" x 60"	Folding T (2)
1708310	18" x 24" x 48"	Folding T (2)
1704300	24" x 24" x 24"	Folding T
1704303	24" x 24" x 30"	Folding T
1704305	24" x 24" x 36"	Folding T
1704310	24" x 24" x 48"	Folding T (2)
1704315	24" x 24" x 60"	Folding T (2)

ALUMINUM UNDERBODY TOOL BOXES

Tough aluminum toolboxes are constructed of .100 mil diamond tread material and come completely polished. All boxes have a folding-T handle locking latch. *= indicates 2 latches

PART NO.	SIZE (H x W x L)
1705101	18" x 18" x 18"
1705100	18" x 18" x 24"
1705103	18" x 18" x 30"
1705105	18" x 18" x 36"
1705110*	18" x 18" x 48"
1705115*	18" x 18" x 60"
1705120*	18" x 24" x 48"
1705130	24" x 24" x 24"
1705133	24" x 24" x 30"
1705135	24" x 24" x 36"
1705140*	24" x 24" x 48"

NEW!

Truck & Trailer Tool Boxes

STEEL/STAINLESS STEEL UNDERBODY TOOL BOXES

These boxes are constructed of a 14 gauge powder coated steel box and finished with a 14 gauge 403 bright annealed stainless steel door (mirror finish) and furnished with folding-T handle.

*= indicates 2 latches

PART NO.	SIZE (H x W x L)
1702700	18" x 18" x 24"
1702703	18" x 18" x 30"
1702705	18" x 18" x 36"
1702710*	18" x 18" x 48"

ALUMINUM BARN DOOR TOOL BOXES

These boxes feature doors that swing outward, rather than downward, providing closer access to the contents of the box. Double doors swing out from centre and include two T-handle latches on right door. Features "full access" openings. •.100 mil bright polished diamond tread aluminum •Recessed/bevelled door •Rain channel design •Reinforced door backbone strengthens door's integrity and protects latch mechanism •½" door gasket (automotive style) •Continuous hinge is watertight •Stainless steel locking T-handle latches

PART NO.	SIZE (H x W x L)
1702235	24" x 24" x 36"
1702240	24" x 24" x 48"
1702250	24" x 24" x 60"

ALUMINUM STEP BOXES

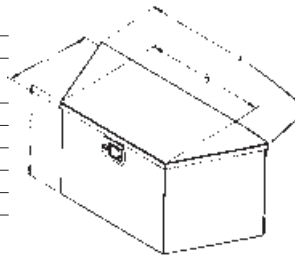
•Provides framed steps with built-in storage space •Non-slip (grip punch) steps •.125 smooth aluminum body •.100 diamond tread aluminum door •Single rubber D-bulb door seal protects from the elements •Stainless steel locking T-latch and hinge •Corner gussets on door opening provide extra strength •1/8" thick integral corner braces provide mounting support •For medium and heavy duty trucks

PART NO.	SIZE (H x D x W)	DOOR OPENING
1705181	24" x 28" x 18"	8" x 15.5"
1705182	24" x 28" x 24"	8" x 21.5"

TRAILER TONGUE TOOL BOXES

Trailer tongue tool boxes are designed to mount to the front of A-frame style trailers. Constructed of either .063 mil diamond tread aluminum or 14/12 gauge powder coated steel or high density poly.

PART NO.	DESCRIPTION	MATERIAL	DIMENSIONS A	B	C	D
1701280	Trailer tongue box	steel	34"	20.75"	14.25"	16"
1701281	Trailer tongue box	steel	26"	14"	22.5"	12"
1701285	Trailer tongue box	steel	48"	33"	16"	16"
1701380	Trailer tongue box	aluminum	34"	20.75"	14.5"	15"
1701385	Trailer tongue box	aluminum	49"	37"	15"	18.5"
1701680	Trailer tongue box	polymer	32"	20"	20"	13"



1701380

1701280

UNIVERSAL MOUNTING BRACKETS

Part No. 1701005, 18" x 18" steel universal mounting brackets.
Part No. 1701010, 18" x 24" steel universal mounting brackets.
Part No. 1701015, 24" x 24" steel universal mounting brackets.

ALUMINUM CHEST BOX FOR HITCH

•Hitch mounted chest conveniently adds extra storage on back of vehicle •Fits 2" receiver tubes •Heavy duty bright polished diamond tread aluminum chest •Two gas shocks to support top opening lid •Two zinc plated chest handles for easy lifting •Mini size stainless steel locking latch protects your valuables •Black powder coated steel base kit •Pre drilled for easy assembly •Includes all mounting hardware and anti sway hitch pin •24"H x 22¼"D x 48"W
Part No. 1707010.

BUYERS PRODUCTS
Pickup Truck & Van Racks

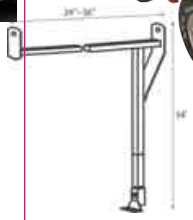
•Ideal for carrying ladders, lumber, building supplies and much more! •Quick & easy installation •Heavy duty 14 gauge steel tube construction •Powder coat finish for durability and corrosion resistance

UNIVERSAL RAIL MOUNT TRUCK RACK

Fits every pick-up truck in the world •Mounts to bed rail or camper shell brackets •Heavy duty 14 gauge steel tubing •Adjustable width and length, overall length extends up to 10 feet •Capacity 750 lbs. when mounted to camper shell brackets; 1000 lbs. when mounted to bed rail •High gloss black powder coat finish •Includes quick release locking pins for quick removal of rear bar for taller loads •Three cross rails
Part No. 1501040.

FLOOR MOUNT TRUCK RACK

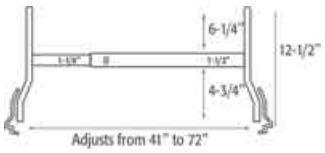
•High gloss black powder coat finish •1¾" square, 14 gauge steel tubing •Support arm telescopes from 24" to 35" for wider loads •250 lbs. load capacity •Compliments tool boxes and similar accessories •Rack carries ladders both vertically and horizontally •Easy installation: Rack slips into the truck bed mounting post and secures to bed rail with a collared "U" bolt and mounting posts are all that remain, leaving bed free of all unwanted fixtures
Part No. 1501070.



600 LB. GUTTER MOUNT VAN RACK

•Mounts to rain gutter •4" wide uprights made from 3/16" thick plate steel •1½" and 1¼" square 14 gauge steel tubing •600 lb. capacity evenly distributed •9/16" wrench is only tool required for installation •Adjustable from 41" to 72" •Available in white powder coat finish •Cargo positioners included •2-crossbars
Part No. 1502023.

Optional 3rd bar, white.
Part No. 1502024.



STEEL CROSS BOXES

Weather Guard Steel Cross Boxes are accessible from either side of the truck. Twin, gull-wing type covers "pop" open with the aid of the exclusive ONE-TOUCH Latch System mechanism. The RED PUSHBUTTON is your assurance of Weather Guard Equipment quality. The covers feature D-shaped weather stripping to seal out dust and weather and each cover operates independently of the other. Two keys are provided.

Part No. 115-3-01, For full size pick-ups with 8 ft. beds; 17.5 cu. ft. storage capacity. 71½"W x 17-7/8"H x 27¾"D; white.

Part No. 125-3-01, For full size pick-ups with 6½ ft. and 8 ft. beds; 12.75 cu. ft. storage capacity. 71½"W x 17-7/8"H x 20½"D; white.

ALUMINUM CROSS BOXES

The Aluminum Cross Box from Weather Guard Equipment is a strong, lightweight box that mounts across the bed of your pick-up, behind the cab, and is available in models to fit all domestic full size and mini pick-ups. Twin gull-wing type covers each have their own independant latching mechanism and offer easy access from either side of your pick-up. A sliding powder coated steel tray with dividers is included.

Part No. 114-0-01, For full size pick-ups with 8 ft. beds; 15.5 cu. ft. storage capacity. 72"W x 18-3/8"H x 27¾"D; Armor-Tuf clear coat.

Part No. 124-0-01, For full size pick-ups with 6½ ft. and 8 ft. beds; 11.3 cu. ft. storage capacity. 72"W x 18-3/8"H x 20½"D; Armor-Tuf clear coat.

STEEL SADDLE BOXES

Weather Guard Steel Saddle Boxes suspend from the side rails of the truck which allows plenty of room underneath for long materials that require the full length of the truck bed. These boxes have a single cover which opens wide enough to provide easy access for larger, bulkier items. With the aid of the ONE-TOUCH Latch System mechanism, and the RED PUSHBUTTON, you are able to "pop" the cover open with one hand. The pushbutton on each end is accessible from either the driver or passenger side. A locked saddle box can be unlocked and opened from one side without the need to unlock the other. Two keys are provided as well as a steel divider tray.

Part No. 116-3-01, For full size pick-ups with 8 ft. beds; 17.5 cu. ft. storage capacity. 71-3/8"W x 17-7/8"H x 28-1/8"D; white.

Part No. 126-3-01, For full size pick-ups with 6½ ft. and 8 ft. beds; 12.75 cu. ft. storage capacity. 71-3/8"W x 17-7/8"H x 21-1/8"D; white.

Part No. 128-3-01, For full size pick-ups with 6½ ft. and 8 ft. beds; 16.85 cu. ft. storage capacity. 71-3/8"W x 23-7/8"H x 21-1/8"D; white.

ALUMINUM SADDLE BOXES

These Aluminum Saddle Boxes are a low profile box that mounts across the bed behind the cab and features a wide opening, single piece cover that provides easy access for large bulky items. There is a pushbutton on each end which allows access from either the driver or the passenger side. The box may be locked or unlocked from one side without bothering with the other. Two keys are provided as well as a steel tray with dividers.

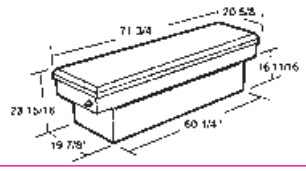
Part No. 117-0-01, For full size pick-ups with 8 ft. beds; 15.3 cu. ft. storage capacity. 71-3/8"W x 18-3/8"H x 28"D; Armor-Tuf clear coat.

Part No. 127-0-01, For full size pick-ups with 6½ ft. and 8 ft. beds; 11.3 cu. ft. storage capacity. 71-3/8"W x 19-7/8"H x 20-5/8"D; Armor-Tuf clear coat.

ALUMINUM DEEP SADDLE BOXES

These Aluminum Deep Saddle Boxes are an extra 5-9/16" in depth over regular saddle boxes. They mount across the bed behind the cab and features a wide opening, single piece cover that provides easy access for large bulky items. There is a pushbutton on each end which allows access from either the driver or the passenger side. The box may be locked or unlocked from one side without bothering with the other. Two keys are provided as well as a steel tray with dividers. Powder coated finish provides lasting protection. Fully arc welded and reinforced aluminum construction.

Part No. 123-0-01.



STEEL LO-SIDE BOXES

Weather Guard Steel Lo-Side Boxes allow you to expand your storage space for long and odd-sized tools and equipment, while not infringing on the load area of the truck bed between the wheel wells. With the aid of the ONE-TOUCH Latch System mechanism, the cover "pops" open. These boxes feature D-shaped weather stripping to seal out dust and weather. Two keys and a removable, high impact plastic tray are provided with each box.

Part No. 165-3-01, For full size pick-ups with 8 ft. beds; 6.25 cu. ft. storage capacity 87-7/8"W x 12-7/8"H x 13-5/8"D; white.

Part No. 175-3-01, For use separately or in combination with Cross or Saddle Boxes; 4.43 cu. ft. storage capacity 60-3/8"W x 12-7/8"H x 13-5/8"D; white.

Part No. 185-3-01, For use separately or in combination with Cross or Saddle Boxes; 3.25 cu. ft. storage capacity 46-7/8"W x 12-7/8"H x 13-5/8"D; white.

ALUMINUM LO-SIDE BOXES

The all Aluminum Lo-Side Box by Weather Guard Equipment is a low profile, side rail mounted box that will carry a full load of tools and materials without obstructing the payload area of your pick-up. Extensive reinforcing and fully arc welded seams have been combined to produce a rigid, structurally sound box that will easily stand up to the heavy demands of the professional tradesman.

Part No. 164-0-01, For full size pick-ups with 8 ft. beds; 6.4 cu. ft. storage capacity. 87-1/8"W x 13¼"H x 16"D; Armor-Tuf clear coat.

Part No. 174-0-01, For use separately or in combination with Cross or Saddle Boxes; 4.1 cu. ft. storage capacity 56-1/8"W x 13¼"H x 16"D; Armor-Tuf clear coat.

Part No. 184-0-01, For use separately or in combination with Cross or Saddle Boxes; 3.4 cu. ft. storage capacity 47-1/8"W x 13¼"H x 16"D; Armor-Tuf clear coat.

STEEL SUPER-LO BOXES

These boxes can store hand tool boxes and larger tools easily. They feature a built-in tool compartment along the front for convenient access to small parts and tools. Super-Lo's do "come into" the 4 ft. dimension between the wheel wells, but you still have 10 to 12 inches below the box to slide in 4 ft. wide materials. The WG-Ti™ BRITE WHITE Finish combined with the stainless steel hinge and trademarked RED PUSHBUTTON assures years of trouble free use and good looks. Cover "pops" open with the aid of the ONE-TOUCH Latch System mechanism. Two keys and a removable high impact plastic tray are provided.

Part No. 166-3-01, For full size pick-ups with 8 ft. beds; 9.25 cu. ft. storage capacity 87-7/8"W x 13-7/8"H x 18-1/8"D; white.

Part No. 176-3-01, For use separately or in combination with Cross or Saddle Boxes; 6.67 cu. ft. storage capacity 60-3/8"W x 13-7/8"H x 18-1/8"D; white.

Part No. 186-3-01, For use separately or in combination with Cross or Saddle Boxes; 4.5 cu. ft. storage capacity 46-7/8"W x 12-7/8"H x 18-1/8"D; white.

ACCESSORY TRAYS & PARTS CABINETS

Especially for Low Profile Boxes, Hi-Sides, and Super-Sides. Please check model numbers the item fits, these will fit various Weather Guard boxes in the marketplace.

STEEL DIVIDER TRAY

14-5/8"W x 19¼"L. Fits nos. 124, 124-5, 125-3, 126-3, 126-5, 127, 127-5, 134, 134-5, 135-3, 136-3, 153, 153-5, 154, 154-5, 155-3, 156-3, 156-5, 654, 654-5, 655-3, 664, 664-5, 665-3, 665-5, 674, 674-5, and 675-3.

Part No. 613-3.

STEEL DIVIDER TRAY

14-5/8"W x 26½"L. Fits nos. 114, 114-5, 115-3, 116-3, 116-5, 117, 117-5, 157-3, 158-3, 159, 159-5, 684, 684-5, and 685-3.

Part No. 614-3.

ACCESSORY TRAY

For Lo-Sides and Super-Lo's. 19"L x 11"W.

Part No. 911.

Package of 3 dividers. For #911 tray.

Part No. 913-3.

TRAY FOR HI-SIDES & SUPER-SIDES

16 gauge steel with adjustable dividers; bolts to back wall of cabinet. 41½"L x 9½"W.

Part No. 200-3.

PARTS CABINET FOR HI-SIDES & SUPER-SIDES

All steel cabinet features removable partitions; bolts through bottom of box. Not intended for use with nos. 264-3, 265-3, and 272-3.

Part No. 201-3.

STEEL PORK CHOP BOXES

Weather Guard Pork Chop Boxes are designed for long lasting security, durability, and weather resistance. They also offer convenient out of the way storage that will help you to maximize the storage space in your pick-up truck. Made from 17 gauge fully arc welded steel construction and feature the WG-Ti™ BRITE WHITE Finish inside and out. Rotary style latch and trademarked RED PUSHBUTTON lock provide lockable security. The ONE TOUCH Latch System provides easy opening of the cover. Can be mounted in front of wheel wells of full size long bed pick-ups.

Part No. 162-3-01, Driver side - 3.0 cu. ft. storage capacity; 45½"L x 19-1/8"H x 13-5/8"W; 10¼" area for wheel well; white.

Part No. 163-3-01, Passenger side - 3.0 cu. ft. storage capacity; 45½"L x 19-1/8"H x 13-5/8"W; 10¼" area for wheel well; white.

ALUMINUM PORK CHOP BOXES

•Extreme Protection Lock™ protects against break-ins; is a tamper resistant retracting lock •New cover and body channel for distinguished look •90° cover opening for easy access •Level storage secures a 48" level •12V access for electrical up-fits •Automotive style latch has smooth "one touch" opening •Crimp-free/drill-free install mounting brackets •Full weather seal •Reduced clearance cover •Latch linkage protection •Increased warranty

Part No. 170-0-01, Driver side - standard. 2.1 cu. ft. storage capacity; 46-5/8"L x 9"W x 16-7/8"H.

Part No. 171-0-01, Passenger side - standard. 2.1 cu. ft. storage capacity; 46-5/8"L x 9"W x 16-7/8"H.

Part No. 172-0-01, Driver side - wide. 3.4 cu. ft. storage capacity; 46-5/8"L x 13¼"W x 16-7/8"H.

Part No. 173-0-01, Passenger side - wide. 3.4 cu. ft. storage capacity; 46-5/8"L x 13¼"W x 16-7/8"H.

STEEL ALL-PURPOSE CHESTS

Steel All-Purpose Chests come in a variety of models for full size pick-ups and mini pick-ups. These low profile boxes mount right to the bed of the truck and their angled body design makes it perfect for fifth wheel mounts. The offset body design means that zero clearance is required behind the box, so it fits tight against the front lip of the truck bed. WG-Ti™ BRITE WHITE Finish and stainless steel hinge.

Part No. 675-3-01, For mini pick-ups except '97 and newer Ford short-bed; 10 cu. ft. storage capacity 47"W x 19¼"H x 20"D; white.

Part No. 665-3-01, For full size pick-ups; 13.1 cu. ft. storage capacity 62"W x 19¼"H x 20"D; white.

Part No. 685-3-01, For long-bed full size pick-ups; 18.6 cu. ft. storage capacity 62"W x 19¼"H x 27-3/8"D; white.

Truck Equipment

weather guard

ALUMINUM ALL-PURPOSE CHESTS

The Weather Guard Aluminum All-Purpose Chests offer large capacity storage for bulky tools, materials, sports equipment or anything that requires secure weather resistant storage. The angled body design allows the chest to fit fifth wheel applications that require a full turning radius. The front, side, and cover panels are .063 thick diamond plate. The bottom and back panels are .063 smooth finished aluminum.

Part No. 674-0-01, For mini pick-ups; 10 cu. ft. storage capacity. 47¼"W x 19¼"H x 20"D; Armor-Tuf clear coat.

Part No. 664-0-01, For full size pick-ups except '97 and newer Ford short-bed; 13.1 cu. ft. storage capacity. 62"W x 19¼"H x 20"D; Armor-Tuf clear coat.

Part No. 684-0-01, For long-bed full size pick-ups; 18.6 cu. ft. storage capacity. 62"W x 19¼"H x 27-3/8"D; Armor-Tuf clear coat.

STEEL HI-SIDE BOXES

Weather Guard Steel Hi-Side Boxes have all aluminum doors which drop down for easy access and a full view of the contents. The smooth action brushed stainless steel paddle handle with its rotary style latch features a two position "safety" catch for your personal protection. The door can be adjusted to three positions. Mounting legs made out of 1/4" bar stock provide sturdy mounting. The rain gutter design, with its full weather stripping, provides a positive seal against the weather. The WG-Ti™ BRITE WHITE Finish provides a durable, long lasting finish. For full size and mini pick-ups.

Part No. 246-3, 5.16 cu. ft. storage capacity; door opening measures 11½"H x 42"W, 45-5/8"W x 16"H x 12-3/8"D.

Part No. 264-3, 7.26 cu. ft. storage capacity; door opening measures 11½"H x 26½"W, 64-1/8"W x 16"H x 12-3/8"D.

Part No. 272-3, 8.16 cu. ft. storage capacity; door opening measures 11½"H x 32¾"W, 72-1/8"W x 16"H x 12-3/8"D.

Part No. 290-3, 10.21 cu. ft. storage capacity; door opening measures 11½"H x 42"W, 90-1/8"W x 16"H x 12-3/8"D.

Part No. 296-3, 10.89 cu. ft. storage capacity; door opening measures 11½"H x 42"W, 96-1/8"W x 16"H x 12-3/8"D.

ALUMINUM HI-SIDE BOXES

Aluminum Hi-Side Boxes from Weather Guard Equipment offer a full view of the contents. The all-aluminum doors drop down for easy access. The door cable is easily adjustable to three positions. The smooth action brushed stainless steel paddle handle with unique rotary style latch features a two-position "safety" catch for your personal protection. Mounting legs made out of 1/4" bar stock provide sturdy mounting. The full weather stripping provides a positive seal against the weather. For full size and mini pick-ups.

Part No. 372, 8.7 cu. ft. storage capacity; door opening measures, 11½"H x 32"W, 72-1/8"W x 16"H x 13"D; Armor Tuf clear coat.

STEEL SUPER-SIDE BOXES

Offers the same exclusive features and benefits as the steel Hi-Side Boxes illustrated at the top of this page except with over 1/3 more storage space. The greater height and depth make it easier to store bulky items. The larger door opening also makes it easier to get those bulky items in and out.

Part No. 291-3, 14 cu. ft. storage capacity; door opening measures 13½"H x 42"W, 90-1/8"W x 18"H x 15-1/8"D; white.

ALUMINUM UNDERBED BOXES

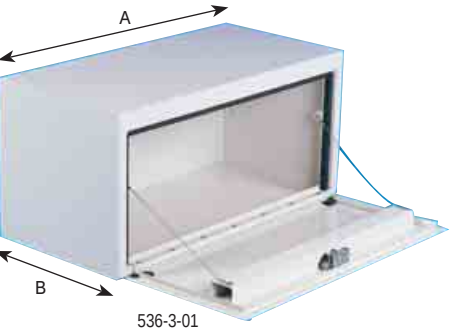
Weather Guard Aluminum Underbed Boxes are lightweight yet durable and will protect your tools and equipment for years to come. Weather stripping and a flanged design seal out weather and road grime. Unique design rotary style two-position safety latch prevents the door from opening accidentally.

Part No. 622, 2.4 cu. ft. storage capacity; door opening measures 19¼"W x 9¼"H, 24-1/8"W x 14"H x 12¼"D; Armor-Tuf clear coat.

Part No. 638, 12.2 cu. ft. storage capacity; door opening measures 31¾"W x 19½"H, 36-5/8"W x 24"H x 24"D; Armor-Tuf clear coat.

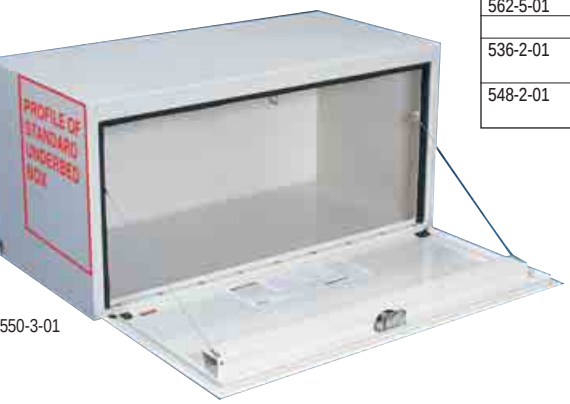
weather guard®

Photo at right shows #536-3-01 in use — item can be found in the "Steel Underbed Boxes" on the following page.



536-3-01

536-5-01



550-3-01

STEEL UNDERBED BOXES

Weather Guard Steel Underbed Boxes are perfect for use with a flatbed, platform or dump body, and will protect your tools and equipment from weather and theft. Units are available in BLACK Armor-Tuf powder coat or WG-Ti™ BRITE WHITE Finish or with stainless steel door. Weather stripping and a flanged design seal out weather and road grime. Unique design rotary style two-position safety latch prevents the door from opening accidentally.

PART NO.	UNDERBED STYLE	DIMENSIONS (in.)			DOOR OPENING (in.)	CUBIC FEET	COLOUR
		A	B	C			
525-3-01	Mini	24-1/8	12-3/8	14-1/8	10.5 x 22.25	2.3	WHITE
525-5-01	Mini	24-1/8	12-3/8	14-1/8	10.5 x 22.25	2.3	BLACK
524-3-01	Standard	24-1/8	18¼	18-1/8	14.5 x 22.25	4.5	WHITE
524-5-01	Standard	24-1/8	18¼	18-1/8	14.5 x 22.25	4.5	BLACK
530-3-01	Standard	30-1/8	18¼	18-1/8	14.5 x 28.25	5.6	WHITE
530-5-01	Standard	30-1/8	18¼	18-1/8	14.5 x 28.25	5.6	BLACK
536-3-01	Standard	36-5/8	18¼	18-1/8	14.5 x 34.75	6.7	WHITE
536-5-01	Standard	36-5/8	18¼	18-1/8	14.5 x 34.75	6.7	BLACK
548-3-01	Standard	48-1/8	18¼	18-1/8	14.5 x 46.25	9.1	WHITE
548-5-01	Standard	48-1/8	18¼	18-1/8	14.5 x 46.25	9.1	BLACK
560-3-01	Standard	60-1/8	18¼	18-1/8	14.5 x 58.25	11.2	WHITE
560-5-01	Standard	60-1/8	18¼	18-1/8	14.5 x 58.25	11.2	BLACK
526-3-01	Jumbo	24-1/8	24¼	24-1/8	20.5 x 22.25	8.1	WHITE
526-5-01	Jumbo	24-1/8	24¼	24-1/8	20.5 x 22.25	8.1	BLACK
532-3-01	Jumbo	30-1/8	24¼	24-1/8	20.5 x 28.25	10.1	WHITE
532-5-01	Jumbo	30-1/8	24¼	24-1/8	20.5 x 28.25	10.1	BLACK
538-3-01	Jumbo	36-5/8	24¼	24-1/8	20.5 x 34.25	12.1	WHITE
538-5-01	Jumbo	36-5/8	24¼	24-1/8	20.5 x 34.25	12.1	BLACK
550-3-01	Jumbo	48-1/8	24½	24-1/8	20.5 x 46.25	16.2	WHITE
550-5-01	Jumbo	48-1/8	24½	24-1/8	20.5 x 46.25	16.2	BLACK
562-3-01	Jumbo	60-1/8	24¼	24-1/8	20.5 x 58.25	20.2	WHITE
562-5-01	Jumbo	60-1/8	24¼	24-1/8	20.5 x 58.25	20.2	BLACK
536-2-01	Stainless Steel Door	36-5/8	18¼	18-1/8	14.5 x 34.75	6.7	STAINLESS STEEL DOOR
548-2-01	Stainless Steel Door	48-1/8	18¼	18-1/8	14.5 x 46.25	9.1	STAINLESS STEEL DOOR

536-2-01

WEEKENDER® LADDER RACKS & ACCESSORIES

The Weekender Ladder Rack from Weather Guard Equipment is a lighter duty ladder rack, with a 250 lb. payload capacity, for the person with the occasional need to carry a ladder or small quantities of long material. Uprights remove easily from the truck for a night out on the weekend and can easily be reinstalled for the work week ahead. (Uprights should be removed when not in use.) Constructed of 1½ x 1½", 14 gauge wall steel tubing. All joints are fully arc welded, and they come in black Armor-Tuf coating. Fits 1994 Dodge and newer full size and Dakota pick-ups; 1988 Chevy and newer full size and mini pick-ups; 1992 Ford and newer full size and Ranger pick-ups.

Part No. 1450, Weekender Ladder Rack, dimensions as shown; black.

PROTECT-A-RAIL® CAB PROTECTORS

All steel PROTECT-A-RAIL Cab Protectors from Weather Guard Equipment are finished with black Armor-Tuf powder coat or WG-Ti™ BRITE WHITE Finish for a long lasting durable finish. *All full size Protect-A-Rail Cab Protector models require separate purchase of installation kit.*

Each kit is designed to custom fit your vehicle.

Part No. 1916-3, Installation kit, Chevrolet; white.

Part No. 1915-3, Installation kit, Ford ('99 model year and newer, Ford Super Duty F-250 and F-350); white.

Part No. 1906-3, Punched steel screen cab protector for full size pick-ups; white; 71-3/8"W at base x 28¾"H.

Part No. 1906-5, Same as #1906-3 except black.

Part No. 1904-3, Steel louvered cab protector features a steel frame and 14 gauge steel louvers; white; 71-3/8"W at base x 28¾"H.

Part No. 1904-5, Same as #1904-3 except black.

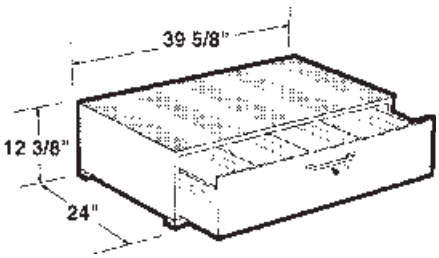
1904-3

1906-3

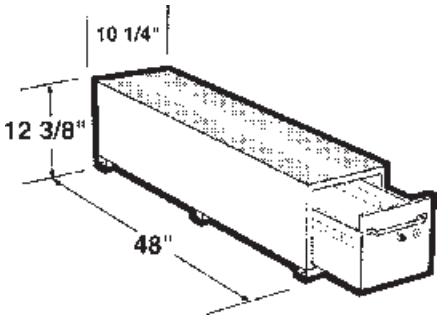
WEATHER GUARD®

PACK RAT® Drawer Units

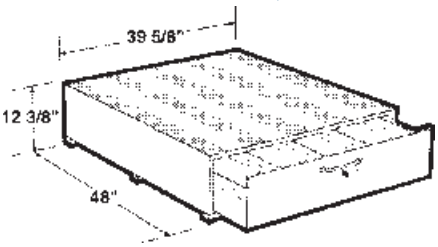
Low profile provides concealed and secure storage for heavy items without greatly reducing truck bed area. Reinforced construction allows material to be loaded on top of unit; where anti-skid strips prevent slipping. Removable roller bearings provide trouble-free operation and drawers are completely removable for easy maintenance. Smooth gliding roll-out drawer puts frequently needed items within easy reach without the need to climb up onto the truck bed. Drawers are constructed of a combination of 12 gauge and 18 gauge steel. The front and bottom is made of 12 gauge; the drawer partitions are made of 18 gauge. Drawers feature arc and spot welding. Necessary fasteners are provided for anchoring in place. White.



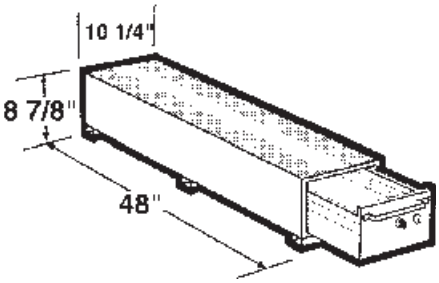
Each drawer compartment measures:
9¾"W x 21"L x 8½"D. This unit is four compartments wide.
Includes 12 dividers.
Part No. 303-3.



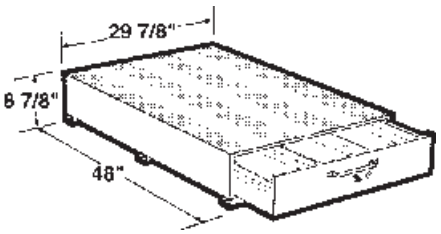
Each drawer compartment measures:
9¾"W x 45"L x 8½"D. This unit is one compartment wide.
Includes 6 dividers.
Part No. 335-3.



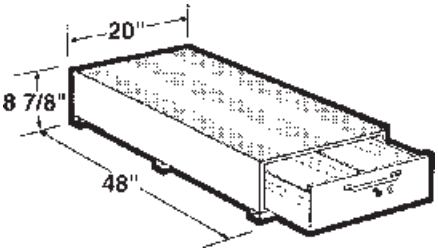
Each drawer compartment measures:
9¾"W x 45"L x 8½"D. This unit is four compartments wide.
Includes 24 dividers.
Part No. 338-3.



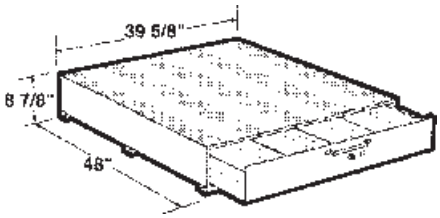
Each drawer compartment measures:
9¾"W x 45"L x 5"D. This unit is one compartment wide.
Includes 6 dividers.
Part No. 305-3.



Each drawer compartment measures:
9¾"W x 45"L x 5"D. This unit is three compartments wide.
Includes 18 dividers.
Part No. 307-3.



Each drawer compartment measures:
9¾"W x 45"L x 5"D. This unit is two compartments wide.
Includes 12 dividers.
Part No. 306-3.



Each drawer compartment measures:
9¾"W x 45"L x 5"D. This unit is four compartments wide.
Includes 24 dividers.
Part No. 308-3.

DYNALINE

Stake Rack Hardware

STAKE HOOKS

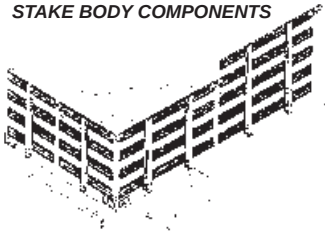
•Ductile iron •Rockwell hardness: 160~200 (HRC) •Clear zinc plated finish. Pin diameter: 9/16".
Part No. 23050, Left-hand, 3" pin length.
Part No. 23051, Right-hand, 3" pin length.

Part No. 23052, Left-hand, 6" pin length.
Part No. 23053, Right-hand, 6" pin length.

STAKE EYE

•Ductile iron •Rockwell hardness: 160~200 (HRC) •Clear zinc plated finish. 5/8" eye I.D.
Part No. 23054.

STAKE BODY COMPONENTS



STAKE ASSEMBLIES

•Two piece stakes with welded reinforcements •14 ga. steel •Available in 47" or 54" lengths
Part No. SA1447WDNH, 47".
Part No. SA1454WDNH, 54".

LINER SLATS

•Available in 7 lengths to suit your requirements •16 ga. steel •Long edges are rolled over and corners are radiused for safety
Part No. LS166545, 44.62".
Part No. LS166548, 47.25".
Part No. LS166554, 53.25".
Part No. LS166572, 71.25".
Part No. LS166590, 90".
Part No. LS1665120, 120".
Part No. LS1665144, 144".

WELD-ON STAKE POCKET

Straight or tapered.
Part No. B2373C, Straight: 3½" x 1¾"; 4" depth; ¼" thickness.
Part No. B2373W, Straight: 3" x 1½"; 2½" depth; 1/8" thickness.
Part No. B2373J, Straight: 3" x 1½"; 3" depth; ¼" thickness.
Part No. B2373K, Straight: 3" x 1½"; 4" depth; ¼" thickness.
Part No. B2373R, Straight: 3½" x 1½"; 3" depth; 7/32" thickness.
Part No. B2374E, Tapered: (top) 3-1/8" x 1-5/8"; (bottom) 2¾" x 1-5/8"; 4" depth; ¼" thickness.

BOLT-ON STAKE POCKET

Straight or tapered.
Part No. B2373G, Straight: 3" x 1½"; 2-1/8" depth; 1/8" thickness.
Part No. B2374G, Tapered: (top) 3" x 1½"; (bottom) 2-7/8" x 1½"; 2-1/8" depth; 1/8" thickness.

SPRING LATCH ASSEMBLIES

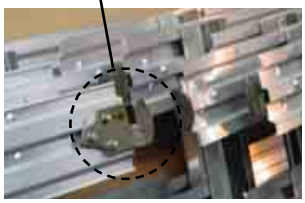
Part No. B2595LKB, Complete with keeper — ½".
Part No. B2595, ½".
Part No. B2596, ¾"; heavy duty.

LATCH KEEPERS/ASSEMBLIES

Part No. B2595KZ, Latch keeper - ½".
Part No. B2596KZ, Latch keeper - ¾" / heavy duty.
Part No. TL382, Tipper latch assembly.

STAKE RACK CONNECTORS

Set of 4, straight or corner. Set consists of one left hand pair and one right hand pair.
Part No. B2585B, Straight. 7" overall length.
Part No. B2585BZ, Straight / zinc plated. 7" overall length.
Part No. B2591B, Corner. 3-5/8" overall length to inside of angle.
Part No. B2591BZ, Corner / zinc plated. 3-5/8" overall length to inside of angle.



SECURITY LATCHES

Set of 4, straight or corner. Set consists of 4 pieces to make one complete latch.
Part No. B2588B, Straight.
Part No. B2588BZ, Straight / zinc plated.
Part No. B2588W, Straight / weld-on.
Part No. B2589B, Corner.
Part No. B2589BZ, Corner - zinc plated.
Part No. B2589W, Corner - weld-on.

RECESSED ROPE RING

Zinc plated. 285 lbs. safe working load; 850 lbs. ultimate breaking strength. Requires 3" diameter mounting hole in 3/8" or thicker material. Do not use for lifting.
Part No. B601, With countersunk holes.
Part No. B601U, Non-countersunk holes.

RECESSED ROPE RING

Zinc plated. 265 lbs. safe working load; 800 lbs. ultimate breaking strength. Requires 3" diameter mounting hole in ¼" or thicker material. Do not use for lifting.
Part No. B701.

SURFACE MOUNTED ROPE RING

Zinc plated. 265 lbs. safe working load; 800 lbs. ultimate breaking strength. Surface mounted pan with ¼" diameter ring. Do not use for lifting.
Part No. B701SM.

HEAVY DUTY ROPE RING

Zinc plated. 1000 lbs. safe working load; 3000 lbs. ultimate breaking strength. ¼" diameter steel ring w/ weld-on bracket. Do not use for lifting.
Part No. B28.

ROPE RING

Zinc plated. 800 lbs. safe working load; 2400 lbs. ultimate breaking strength. ¼" diameter steel ring and formed steel clamp. Do not use for lifting.
Part No. B20.

LIGHT DUTY SURFACE MOUNT ROPE RING

Zinc plated. 400 lbs. safe working load; 1200 lbs. ultimate breaking strength. ¼" diameter welded D-ring w/ 14 gauge steel clip. ¼" diameter mounting holes. Do not use for lifting.
Part No. B23.

HEAVY DUTY RECESSED ROPE RING

Zinc plated. 2000 lbs. safe working load; 6000 lbs. ultimate breaking strength. Formed 1/8" steel pan houses a ductile iron ring. 3-5/8" diameter hole with 7/8" clearance below surface is required. Square mounting holes for use with 3/8-16 x 2¼" carriage bolts. Do not use for lifting.
Part No. B801A.

HEAVY DUTY RECESSED ROTATING ROPE RING

2000 lbs. safe working load; 6000 lbs. ultimate breaking strength. Fabricated recessed ring rotates 360°. Designed to bolt to floor or weld to steel cross members. Do not use for lifting.
Part No. B901.

FORGED LASHING RING

•Forged from C-1045 steel •½" diameter ring •Includes weld-on mounting bracket or 2-hole mounting bracket •Forged bracket is 2" wide and 11/16" thick •2-hole bracket is 1¾" wide and 3/16" thick with square mounting holes to accept 3/8" carriage bolts •4,080 lbs. safe working load; 11,781 lbs. ultimate breaking strength •I.D. 2½" x 2-3/8"
Part No. B38, 2-hole mounting bracket.
Part No. B38W, Weld-on mounting bracket.
Part No. B38PNZW, Zinc plated recessed pan.
Part No. B38ZY, Forged yellow zinc plated, with 2-hole mounting bracket.

FORGED LASHING RING

•Forged from C-1045 steel •5/8" diameter ring w/ mounting bracket •Forged bracket is 2½" wide and 3/8" thick •6,130 lbs. safe working load; 18,390 lbs. ultimate breaking strength •I.D. 3" x 3"
Part No. B40.

FORGED LASHING RING

•Forged from C-1045 steel •¾" diameter ring w/ mounting bracket •Forged bracket is 2¼" wide and 3/8" thick •9,120 lbs. safe working load; 26,500 lbs. ultimate breaking strength •I.D. 3" x 3"
Part No. B46.

FORGED LASHING RING

•Forged from C-1045 steel •1" diameter ring w/ mounting bracket •Forged bracket is 2-1/8" wide and 3/8" thick •15,586 lbs. safe working load; 46,760 lbs. ultimate breaking strength
Part No. B48, I.D. 3" x 3".
Part No. B50, I.D. 4" x 3".

FORGED LASHING RING

•Forged from C-1045 steel •1" diameter ring is formed at a 55° angle to extend from the mounting surface •Forged bracket is 2-1/8" wide and 3/8" thick •15,586 lbs. safe working load; 46,760 lbs. ultimate breaking strength •I.D. 3½" x 3"
Part No. B5055.

LASHING RING

•With 2 hole bracket •Zinc plated
Part No. B38BZY.

D-RING

•With 2 hole bracket •Zinc plated •½" diameter
Part No. B38RZY.

BANJO EYES

•Dump body hardware •Stamped from 5/16" steel pipe
Part No. TGBE3125, 5/16" chain.
Part No. TGBE3138, 3/8" chain.

TRAILER BED CHAIN TIE DOWN

•Provides floor flush anchor point •6,600 lbs. working load limit
Part No. 1901006.

OFFSET FORGED LEVER NUT

•Lever is offset 1½"
Part No. B575A, 3/8-16NC thread.
Part No. B575CZ, ½-13NC thread.

CAST IRON WING STYLE CLAMP HANDLE

•5/8-11 full thread cast iron •Ideal for securing doors, chutes and tailgates using a 5/8-11 rod •Zinc plated
Part No. WN5811Z.

FORGED ROD END

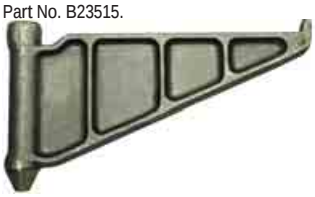
•5/8-11 forged rod end •Zinc plated
Part No. B27027EKZ.

TRUCK LAMP CABINETS

•Heavy duty design •Black powder coated steel •Features continuous welds •Industry standard hole patterns — oval cabinets designed for Model 60 lights; round cabinets desgined for Model 40 lights •Individually wrapped for finish protection
Part No. LB383, Single oval.
Part No. LB663, Single round.
Part No. LB3163, Dual oval.

FORGED STEEL OUTRIGGER

•Forged carbon steel •Includes upper and lower mounting brackets •Designed to allow for indexing at 90° angles •3 locking positions •5,000 lbs. capacity
Part No. B23515.



OUTRIGGER PAD

•Constructed of natural hardwood in a "floating design" to avoid cracking and breaking •Heavy duty U-bolt style handle runs the complete length of the pad for improved strength •Handle is generously sized for gloved hands •18" x 18"
Part No. OP18X18.

WELD-ON "BULLET" HINGE

•Steel with steel pin and brass bushing
Part No. FSP050, 2".
Part No. FSP060, 2-3/8".
Part No. FSP070, 2-3/4".
Part No. FSP080, 3-3/16".
Part No. FSP100, 4".
Part No. FSP120, 4-3/4".
Part No. FSP150, 6".
Part No. FSP200, 8".
Part No. FSP260, 10".

WELD-ON "BULLET" HINGE

•Steel with brass pin and brass bushing
Part No. FBP050, 2".
Part No. FBP060, 2-3/8".
Part No. FBP070, 2-3/4".
Part No. FBP080, 3-3/16".
Part No. FBP100, 4".
Part No. FBP150, 6".
Part No. FBP200, 8".
Part No. FBP260, 10".

WELD-ON "BULLET" HINGE

•Stainless steel with stainless steel pin and bushing
Part No. FSS070, 2-3/4".
Part No. FSS100, 4".

WELD-ON "BULLET" HINGE

•Steel with brass pin, brass bushing, and grease fitting
Part No. FBP080GF, 3-3/16".
Part No. FBP100GF, 4".
Part No. FBP120GF, 4-3/4".
Part No. FBP150GF, 6".

WELD-ON "BULLET" HINGE

•Aluminum with stainless steel pin and bushing
Part No. AFSSP080, 3-3/16".
Part No. AFSSP100, 4".

BUTT HINGE

•Flush mounted wing style •Zinc plated steel construction •Stainless steel pin •Single end weld for left or right mount •4" x 1¼"
Part No. H412538RH, Right, 3/8" pin.
Part No. H412538LH, Left, 3/8" pin.
Part No. H412550RH, Right, ½" pin.
Part No. H412550LH, Left, ½" pin.

(Left hand hinge shown.)

STRAP HINGE

•Strap: 3/16" steel, ¾" wide •Bracket: 3/16" steel 3½" wide, 4½" high •Pin: ½" diameter brass, washer and grease fitting •Finish: plain •8" long
Part No. B2423E.

STRAP HINGE

•Strap: 3/16" steel, 2¼" wide •Bracket: 3/16" steel 3" wide, 5" high •Pin: ½" diameter steel, steel thrust bearings •Strap is measured from centre of pin to end of strap
Part No. B2423F, 8".
Part No. B2423G, 12".
Part No. B2423H, 16".

STAINLESS STEEL STRAP HINGE

•Strap: 1/8" stainless steel, 1" wide •Bracket: 1/8" steel 2¾" wide, 1" high •Pin: 5/16" diameter, nylon bushing •3-5/8" long
Part No. B2424SS.

FORMED HINGE STRAP

•Formed steel hinge •Includes zinc washer, hex head cap sdcrew and locknut, plastic bushing •With grease fitting and long leaf
Part No. B2426FSLL.

FORMED BUTT HINGE

•Consists of drop forged butt, hinge pin and cotter key •Width of opening: 1½" •Holes in flat, C to C: 4" •Projection: 2" •Diameter of eye: 1-1/8" •Holes in eye: 7/32" •Pin size: ½"
Part No. B2426E.

FORGED HINGE STRAP

•Drop forged steel hinge straps offer strength with reduced weight •May be welded, bolted, or riveted •Strap width 1½"
Part No. B2429X, Short, 4-3/8" (C eye to end), 17/32" hole.
Part No. B2430W, Long, 24" (C eye to end), 33/64" hole.

STEEL BUTT HINGE

No holes, plain finish, tight pin (spun both ends)

PART NO.	THICKNESS	OPEN WIDTH	PIN DIA.	LENGTH
BTS062012	.060"	2"	.125"	2"
BTS072018	.075"	2"	.187"	2"
BTS093018	.090"	3"	.187"	3"
BTS123025	.120"	3"	.250"	3"
BTS124025	.120"	4"	.250"	4"

STAINLESS STEEL BUTT HINGE

•No holes, plain finish, tight pin (spun both ends)

PART NO.	THICKNESS	OPEN WIDTH	PIN DIA.	LENGTH
BTSS062012	.060"	2"	.125"	2"
BTSS072018	.075"	2"	.187"	2"
BTSS093018	.090"	3"	.187"	3"
BTSS123025	.120"	3"	.250"	3"
BTSS124025	.120"	4"	.250"	4"
BTSS125025	.120"	5"	.250"	5"

STEEL CONTINUOUS HINGE

•Equal leaves •Steel pins •Stock length 72"

PART NO.	THICKNESS	GAUGE	OPEN WIDTH	PIN DIA.	KNUCKLE LENGTH
S41	.075"	14	1-1/2"	3/16"	1"
S42	.075"	14	2"	3/16"	1"
S43	.075"	14	2-1/2"	3/16"	1"
S47	.075"	14	1-1/2"	1/4"	1"
S48	.075"	14	2"	1/4"	1"
S49	.075"	14	2-1/2"	1/4"	1"
S50	.075"	14	3"	1/4"	1"
S55	.075"	14	3"	1/4"	2"
S5313	.093"	13	2"	1/4"	1"
S63	.120"	11	2"	3/8"	2"
S64	.120"	11	2-1/2"	3/8"	2"
S65	.120"	11	3"	3/8"	2"
S67	.120"	11	4"	3/8"	2"
S72	.187"	7	3"	1/2"	2"
S74	.187"	7	5"	1/2"	2"
S75	.187"	7	6"	1/2"	2"
S77	.187"	7	8"	1/2"	2"

STAINLESS STEEL CONTINUOUS HINGE

•2-B Mill - Type 302 Stainless steel •Equal leaves •Stainless steel pins •Stock length 72"

PART NO.	THICKNESS	GAUGE	OPEN WIDTH	PIN DIA.	KNUCKLE LENGTH
SS8	.062"	16	1-1/2"	.125"	1/2"
SS9	.062"	16	2"	.125"	1/2"
SS11	.062"	16	3"	.125"	1/2"
SS15N	.075"	14	2"	.187"	1"
SS15	.075"	14	2"	.250"	1"
SS16	.075"	14	2-1/2"	.250"	1"
SS17	.075"	14	3"	.250"	1"
SS18	.075"	14	4"	.250"	1"
SS19	.120"	11	2"	.375"	2"
SS20	.120"	11	3"	.375"	2"
SS21	.120"	11	4"	.375"	2"

All dimensions are nominal.
Aluminum Continuous Hinges can be found on the following page.

ALUMINUM CONTINUOUS HINGE

•Equal leaves •Full hard aluminum pins •Stock length 72”

PART NO.	THICKNESS	OPEN WIDTH	PIN DIA.	KNUCKLE LENGTH
A23	.062”	2”	3/16”	1/2”
A29	.075”	2”	3/16”	1/2”
A34	.093”	2”	1/4”	1”
A36	.093”	3”	1/4”	1”
A41	.120”	3”	3/8”	2”
A42	.120”	4”	3/8”	2”

All dimensions are nominal.

STEEL CONTINUOUS HINGES

•72” stock length except where specified with an asterisk (*) — 84” length •Equal leaves •Steel pins

PART NO.	HINGE GAUGE	OPEN WIDTH	PIN DIA.	KNUCKLE LENGTH
1142-A00PS	.030	3/4”	.060	.25
1142-B00PS	.030	1”	.060	.25
1182-C00PS	.030	1-1/16”	.090	.25
1182-D00PS	.030	1-1/4”	.090	.25
1182-E00PS	.030	1-1/2”	.090	.25
1119-C00PS	.040	1-1/16”	.090	.50
1119-D00PS	.040	1-1/4”	.090	.50
1119-E00PS	.040	1-1/2”	.090	.50
1119-G00PS	.040	2”	.090	.50
1118-E00PS	.050	1-1/2”	.125	.625
1118-G00PS	.050	2”	.125	.625
1116-D00PS	.060	1-1/4”	.125	.50
1116-E00PS	.060	1-1/2”	.125	.50
1116-G00PS	.060	2”	.125	.50
1156-G00PS	.060	2”	.187	1.00
1116-H00PS	.060	2-1/2”	.125	.50
1116-J00PS	.060	3”	.125	.50
1174-G00PS	.078	2”	.250	1.00
1174-H00PS	.078	2-1/2”	.250	1.00
1174-J00PS	.078	3”	.250	1.00
1174-K00PS	.078	3-1/2”	.250	1.00
1114-L00PS	.078	4”	.250	2.00
1114-M00PS	.078	4-1/2”	.250	2.00
1111-H00PS*	.120	2-1/2”	.375	2.00
1111-J00PS*	.120	3”	.375	2.00
1111-L00PS*	.120	4”	.375	2.00
1111-N00PS*	.120	5”	.375	2.00

STAINLESS STEEL CONTINUOUS HINGES

•72” stock length •Equal leaves •Type 304 stainless steel •Stainless steel pins

PART NO.	HINGE GAUGE	OPEN WIDTH	PIN DIA.	KNUCKLE LENGTH
1442-A00SS	.030	3/4”	.060	.250
1442-B00SS	.030	1”	.060	.250
1419-B00SS	.037	1”	.100	.50
1419-C00SS	.037	1-1/16”	.100	.50
1419-D00SS	.037	1-1/4”	.100	.50
1419-E00SS	.037	1-1/2”	.100	.50
1419-G00SS	.037	2”	.100	.50
1418-E00SS	.050	1-1/2”	.125	.625
1418-G00SS	.050	2”	.125	.625
1416-D00SS	.060	1-1/4”	.125	.50
1416-E00SS	.060	1-1/2”	.125	.50
1416-G00SS	.060	2”	.125	.50
1416-H00SS	.060	2-1/2”	.125	.50
1416-J00SS	.060	3”	.125	.50
1416-L00SS	.060	4”	.125	.50
1474-G00SS	.075	2”	.250	1.00
1474-H00SS	.075	2-1/2”	.250	1.00
1474-J00SS	.075	3”	.250	1.00
1456-G00SS	.060	2”	.187	1.00
1456-J00SS	.060	3”	.187	1.00

ALUMINUM CONTINUOUS HINGES

•72” stock length •Equal leaves •Aluminum pins

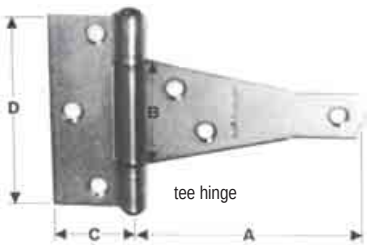
PART NO.	HINGE GAUGE	OPEN WIDTH	PIN DIA.	KNUCKLE LENGTH
1519-C00AL	.040	1-1/16”	.09	.50
1519-D00AL	.040	1-1/4”	.09	.50
1519-E00AL	.040	1-1/2”	.09	.50
1519-G00AL	.040	2”	.09	.50
1518-E00AL	.050	1-1/2”	.125	.50
1516-E00AL	.064	1-1/2”	.125	.50
1516-G00AL	.064	2”	.125	.50
1516-J00AL	.064	3”	.125	.50

STRAP & TEE HINGES

•Zinc plated steel

PART NO.	HINGE STYLE	(A) SIZE	(B) JOINT WIDTH	(C) WIDTH OF PAD	(D) LENGTH OF PAD	NO. OF SCREW HOLES
2113016ZP	Strap	4”	1.875	-	-	6
2104005ZP	Strap	6”	2.548	-	-	8
2105005ZP	Strap	8”	3.050	-	-	8
2106005ZP	Strap	10”	3.515	-	-	8
2113017ZP	Tee	4”	1.875	1.400	3.50	6
2104006ZP	Tee	6”	2.548	1.700	4.50	8
2105006ZP	Tee	8”	3.050	2.000	5.50	8
2106006ZP	Tee	10”	3.515	2.250	6.50	9

strap hinge



tee hinge

Larsen

charmag

#215 WELDING HINGE

Profile: Steel (C 15 Pb) Grease Fitting: White Galvanized
Pin: Steel Type: Fixed Washer: Brass

PART NO.	L (mm)	L (inch)	R1 (mm)	R2 (mm)	d (mm)
215-217	80	3-3/16	13	15.5	8
215-220	100	4	16	20	10
215-225	120	4-3/4	16	20	11
215-228	135	5-1/4	18	22	12
215-233	150	6	20	25	13
215-236	180	7	20	25	14
215-241	200	8	23	28.5	16

#215 WELDING HINGE

Profile: Steel (C 15 Pb) Grease Fitting: None
Pin: Steel Type: Fixed Washer: Brass

PART NO.	L (mm)	L (inch)	R1 (mm)	R2 (mm)	d (mm)
215-101	40	1-9/16	8	9.5	5
215-104	50	2	8	9.5	5
215-109	60	2-3/8	10	12	6
215-112	70	2-3/4	11.5	13.5	7
215-117	80	3-3/16	13	15.5	8
215-120	100	4	16	20	10
215-125	120	4-3/4	16	20	11
215-128	135	5-1/4	18	22	12
215-133	150	6	20	25	13
215-136	180	7	20	25	14
215-141	200	8	23	28.5	16

#216 WELDING HINGE

Profile: Steel (C 15 Pb) Grease Fitting: White Galvanized
Pin: Brass Type: Fixed Washer: Brass

PART NO.	L (mm)	L (inch)	R1 (mm)	R2 (mm)	d (mm)
216-217	80	3-3/16	13	15.5	8
216-220	100	4	16	20	10
216-225	120	4-3/4	16	20	11
216-228	135	5-1/4	18	22	12
216-233	150	6	20	25	13
216-236	180	7	20	25	14
216-241	200	8	23	28.5	16

#218 WELDING HINGE

Profile: Stainless Steel (1.4301) Grease Fitting: None
Pin: Stainless Steel (1.4305) Type: Fixed
Washer: Stainless Steel (1.4305)

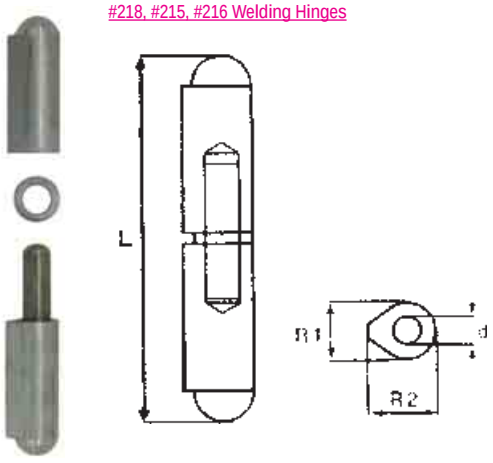
PART NO.	L (mm)	L (inch)	R1 (mm)	R2 (mm)	d (mm)
218-109	60	2-3/8	10	12	6
218-117	80	3-3/16	13	15.5	8
218-120	100	4	16	20	10
218-125	120	4-3/4	16	20	11
218-133	150	6	20	25	13
218-136	180	7	20	25	14

#216 WELDING HINGE

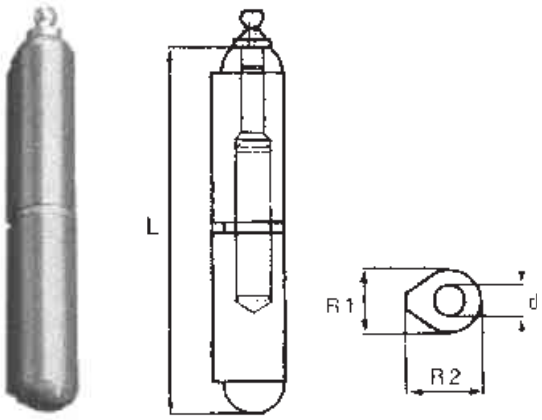
Profile: Steel (C 15 Pb) Grease Fitting: None
Pin: Brass Type: Fixed Washer: Brass

PART NO.	L (mm)	L (inch)	R1 (mm)	R2 (mm)	d (mm)
216-101	40	1-9/16	8	9.5	5
216-104	50	2	8	9.5	5
216-109	60	2-3/8	10	12	6
216-112	70	2-3/4	11.5	13.5	7
216-117	80	3-3/16	13	15.5	8
216-120	100	4	16	20	10
216-125	120	4-3/4	16	20	11
216-128	135	5-1/4	18	22	12
216-133	150	6	20	25	13
216-136	180	7	20	25	14
216-141	200	8	23	28.5	16

#218, #215, #216 Welding Hinges



#215 & #216 Welding Hinge



HEAVY DUTY STANDARD SIZE FLUSH MOUNT FOLDING T-HANDLE LATCHES

•Stainless steel •Available in single, double or triple point contact to address most applications •Adjustable cam allows for adjustment of the latch to accommodate door thickness from 1¼" to 2" •Designed to mount into a 3¾" x 4" recess opening

Part No. L8815, Single latch point w/ mounting holes.
Part No. L8816, Single latch point w/ blind studs, gasket and cylinder w/ keys included. *(This is a replacement for Buyers' tool boxes manufactured after 1/4/04.)*
Part No. L8825, Double latch point w/ mounting holes, rods included.
Part No. L8835, Triple latch point w/ mounting holes, rods included.

HEAVY DUTY STANDARD SIZE ROTARY PADDLE LATCH

•Single point rotary latch •Stainless steel •Hidden studs •Gasket installed •Cylinder w/ keys installed •For heavy duty applications *(This is a replacement for Buyers' tool boxes manufactured after 1/4/04.)*
Part No. L3890RLS.

Replacement striker pin with washer for use with #L3890RLS above.
Part No. SP045.

HEAVY DUTY STANDARD SIZE FLUSH MOUNT PADDLE LATCHES

•Designed to mount in a 3-3/8" x 4-5/8" recess •Single point latch •Available in rust resistant steel or stainless steel •Available with locking or non-locking style
Part No. L3980, Rust resistant steel, locking.
Part No. L3985, Rust resistant steel, locking, w/ mounting holes.
Part No. N3980, Rust resistant steel, non-locking.
Part No. L3885, Stainless steel, locking, w/ mounting holes.
Part No. N3885, Stainless steel, non-locking, w/ mounting holes.

JUNIOR SIZE FLUSH MOUNT PADDLE LATCHES

•All junior size latches mount in a 2¾" x 3¾" recess •Single point latch •Available in rust resistant steel or stainless steel •Available with locking or non-locking style
Part No. L1980, Rust resistant steel, locking.
Part No. N1980, Rust resistant steel, non-locking.
Part No. L1883, Stainless steel, locking.
Part No. N1883, Stainless steel, non-locking.

MINI SIZE TEAR DROP STYLE LATCHES

•Ideal for use on tool boxes and other small compartment doors •Polished stainless steel finish •Locking version includes cylinder and two keys
Part No. 8000SSL, Locking.
Part No. 8000SSN, Non-locking.

CYLINDER & KEY

•For standard and junior size latches
Part No. 19, For junior size.
Part No. 39, For standard size.

REPLACEMENT STRIKER PLATE

•For use with paddle latches and bolt latches
Part No. SP.

TAILGATE LATCH ASSEMBLY

•Bar assembly constructed of A-36 steel, with forged rod end and bracket for ease of use and strength of operation •The latch assembly can be used to provide a seal for dump body and dump trailer tailgates
Part No. TGL3410ST.

BOLT LATCH

•Finger pull with manual release •Powder metal bolt •Zinc plated steel finish •For use with two and three point latch applications
Part No. 90M.

BOLT LATCH

•Bolt for use with rods or cables •Powder metal bolt •Zinc plated steel finish •For use with two and three point latch applications
Part No. 90W.

½" SPRING LATCH

•Spring loaded bolt can be locked in the open position •Zinc plated bolt, housing, and keeper •Turning lever allows the bolt to close under spring pressure
Part No. B2575.

QUICK RELEASE SPRING LATCH

•5/8" spring loaded bolt can be locked in open position •Plain tube
Part No. B2598H.

CAM ACTION DOOR LOCK KIT

•Cast steel cups, lugs, steel handle, and supports •For use with locally available ¾" pipe
Part No. B2159C.

OUTSIDE SURFACE MOUNT "L" TYPE DOOR HANDLE

•Chrome plated handles rotate full 360° •Can be locked in 4 positions spaced 90° apart •Shaft is standard 5/16" square •1½" C-C mounting holes
Part No. B2394L.

OUTSIDE SURFACE MOUNT "T" TYPE DOOR HANDLE

•Chrome plated handles rotate full 360° •Can be locked in 4 positions spaced 90° apart •Shaft is standard 5/16" square •1½" C-C mounting holes
Part No. B2392L.

2" DOOR HANDLE CAM

•Zinc plated steel with set screw •Secures to 5/16" shaft •For use with #B2392L and #B2394L
Part No. B239C.

DOOR CHECK & HOLD BACK

•Spring permits slide to pass over centre and hold door at 90° •Releases automatically and door closes by slight push •Operates on doors with vertical or horizontal hinges •Parts are cadmium plated for long life •11" arm, 9¼" slide rod, and 12# spring
Part No. B2395LL30.

TELESCOPING DOOR & LID PROP

•Stays open preventing accidental closing •Automatically locks when extended •Unlocks automatically when extended slightly in the up position •All steel construction •Sturdy mounting clamps •Zinc palted to resist rust and corrosion
Part No. DP100, 21" open length.
Part No. DP102, 12¼" open length.

DOOR HOLD BACK SOCKET WITH RUBBER INSERT

•Two countersunk mounting holes for ¼" diameter screws (not included) •Mounting holes 2½" C-C
Part No. DH100, Socket and rubber insert.
Part No. DH101, Rubber insert only (large hole) 25 - 30 lb. pull to release.

DOOR HOLD BACK PLUNGER

•Zinc plated
Part No. DH258, 2-5/8", 2¼" plunger.
Part No. DH318, 3-3/16", 2-25/32" plunger.

HEAVY DUTY ALUMINUM DOOR HOLD BACK
•Heavy duty, die cast aluminum construction •Available in 2" or 4" lengths •Keeper has spring loaded latch mechanism
Part No. DH300, 2".
Part No. DH304, 4".

HOOK & KEEPER DOOR HOLDER
•Zinc plated steel stamping
Part No. DH500, 4" hook and keeper.
Part No. DH500SS, Stainless steel 4" hook and keeper.
Part No. DH5006, 6" hook and keeper.
Part No. DH5006SS, Stainless steel 6" hook and keeper.
Part No. DH501, 4" hook only.
Part No. DH5016, 6" hook only.
Part No. DH502, Keeper only.

LINK TYPE DOOR HOLDER
•Zinc plated steel
Part No. DH552, With 2" link.
Part No. DH554, With 4" link.

"EASY GRIP" RUBBER HOOD CATCH
•4" •With bracket •Interchanges with Southco® part number 37-10-086-10
Part No. WJ195.

RUBBER HOOD CATCH
•4-7/8" •With "A" bracket
Part No. WJ201A.

RUBBER HOOD CATCH
•4-7/8" •With "U" bracket
Part No. WJ201U.

MINIATURE RUBBER HOOD CATCH
•2½" •With bracket
Part No. WJ202.

HEAVY DUTY RUBBER HOOD CATCH
•6" •No bumper
Part No. WJ205, Includes brackets and pin.
Part No. WJ205RO, Handle only.

HEAVY DUTY RUBBER HOOD CATCH
•6" •With bumper
Part No. WJ206, Includes brackets and pin.
Part No. WJ206RO, Handle only.

side view shown to see bumper

HEAVY DUTY RUBBER HOOD CATCH
•7-7/8"
Part No. WJ208, Includes brackets and pin.
Part No. WJ208RO, Handle only.

ULTRA RUBBER/POLYMER HOOD CATCH
•12" •Interchangeable with Standard Navi-star™ hood catch
Part No. WJ211.

HOOD LATCH HOOKING BRACKET
Part No. WJ99.

PULL-DOWN CATCH
•With or without padlock eye •Catch complete with striker •Zinc plated steel
Part No. BHC224Z, Without padlock eye.
Part No. BHC207Z, With padock eye.

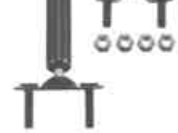
LARGE PADLOCK EYE PULL-DOWN CATCH
•Catch complete with striker •Zinc plated steel
Part No. BHC227Z.

HOOK STYLE HEAVY DUTY PULL-DOWN CATCH
•Used for general purpose •Toggle action •Zinc plated steel •Does not come with striker
Part No. BHC801Z.

SPRING LOADED 90° HOOD CATCH
•90° elbow at base of handle allows handle and bracket to be mounted on same plane •Black enamel finish •Includes hooking bracket
Part No. WJ96WCB.

SPRING LOADED HOOD CATCH
•Black enamel finish •Includes hooking bracket
Part No. WJ100WCB.

SPRING LOADED HOOD CATCH KIT
•Kit contains: Rubber coated handle hood catch; hooking bracket; four mounting studs; four nuts •Designed for use on Jeep
Part No. WJ122.



POLY GRAB HANDLE w/ STEEL INSERT
•Pop-out cover (hidden bolt) design •10-13/16"
Part No. B239911P.

SOLID ALUMINUM GRAB HANDLE
•Flat •Bright anodized finish •16"
Part No. B239916AL.

CHROME PLATED SOLID STEEL GRAB HANDLE
•Chrome finish •½" diameter
Part No. B239918C, 13¼".
Part No. B239920C, 16".

DIE CAST GRAB HANDLE
•Chrome plated •5/8" diameter except #B2399W which is ½" diameter
Part No. B2399A, 9½".
Part No. B2399B, 11½.
Part No. B2399C, 13½".
Part No. B2399D, 15-3/8".
Part No. B2399W, 13¼", weld-on.

TUBULAR STEEL GRAB HANDLE
•Chrome plated •8¼"
Part No. B2399B2C.

FORGED GRAB HANDLE
•Available in plain or chrome finish •11½" •5/8" diameter
Part No. B2399BP, Plain finish.
Part No. B2399BC, Chrome finish.

Truck & Trailer Products

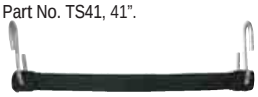
STEEL GRAB HANDLE
•Chrome plated •Weld-on •6"
Part No. B2399H6.

FOLDING FOOT OR GRAB STEP
•Investment cast •Plain, zinc plated, black E-coat, or stainless steel finish
Part No. B2797P, Plain.
Part No. B2797Z, Zinc plated.
Part No. B2797BPC, Black E-coat.
Part No. B2797SS, Stainless steel.

CAST ALUMINUM STEP
•Reversible for flat top or side guard application •Cast aluminum construction
Part No. B2744A.

REPLACEMENT TARP GEAR MOTOR
•Replaces: Donovan™ #61L, Roll-Rite™ #1031, and others •Hi-torque, direct drive 12V motor •Forged, 90 tooth drive gear for more torque and extended life •Epoxy sealed gearbox maintains lubrication •3-1/8" x ¾" extended output shaft fits wide range of tarp systems •Sealed drive shaft and encased bearing prevents contamination •Chrome cover included
Part No. 5541000.

TARP STRAPS
•100% rubber construction •5 convenient sizes
Part No. TS9, 9".
Part No. TS15, 15".
Part No. TS20, 20".
Part No. TS31, 31".
Part No. TS41, 41".



"S" HOOK
•Sold separately from tarp straps
•2½" S hook
Part No. 9225.

BINDING TARP HOOK
•½" round cross section •5" length
•11/32" holes •Zinc plated
Part No. B2448B.

TARP HOOKS
•3/8" round cross section •3¼" length
•9/32" holes unless otherwise noted
•4 styles available
Part No. B2447NHP, Weld-on, no holes.
Part No. B2447BZ, Zinc plated.
Part No. B2447BC, Chrome plated.
Part No. B2447WAL, Aluminum, weld-on, no holes.

HEAVY DUTY FRICTION STOCK BUMPER
•Reinforced with nylon and rayon cording •Compression molded •Come in pairs •Size shown is WxDxH
Part No. B4000, 6" x 3" x 8".

PRECISION MOLDED RUBBER BUMPER
•Designed for OEM applications where close tolerance and precision molding is mandatory •Come in pairs •Size shown is WxDxH
Part No. B4500, 5½" x 3-23/32" x 7-5/8".

MOLDED RUBBER BUMPERS
•Come in pairs •Size shown is WxDxH
Part No. B5264, 2½ x 4-1/8" x 6¾".
Part No. B5500, 3" x 3½" x 6".
Part No. B5540, 2-9/16" x 3" x 6".
Part No. B5760, 2¼" x 2" x 7¾".
Part No. B6000, 3½" x 3½" x 6".
Part No. B8000, 6" x 2-5/8" x 12".

EXTRUDED RUBBER D-BUMPER
•Sold in singles •Size shown is LxWxD
Part No. D26U, 6" x 2-1/8" x 1-7/8".
Part No. D210, 10" x 2-1/8" x 1-7/8".
Part No. D232, 32" x 2-1/8" x 1-7/8".
Part No. D2120, 120" x 2-1/8" x 1-7/8".
Part No. D312, 12" x 3" x 2-7/8".
Part No. D324, 24" x 3" x 2-7/8".
Part No. D46, 6" x 4" x 3¾".
Part No. D412, 12" x 4" x 3¾".
Part No. D424, 24" x 4" x 3¾".

EXTRUDED RECTANGULAR BUMPERS
•Includes steel insert mounting plate •Size shown is LxWxD •Sold in singles except as otherwise noted
Part No. 441425, Pair, 2½" x 4-1/8" x 2¾".
Part No. 441466, 4¾" x 10" x 2¾".
Part No. 441465, 4¾" x 15" x 2¾".
Part No. 441464, 4¾" x 20" x 2¾".
Part No. 441463, 4¾" x 30" x 2¾".

2½" ROUND RUBBER BUMPER
•Protects from door handles, latches, and cam locks •Used as a cushion for loading ramps and lift gates •Bumper is 1" high •Black or white
Part No. B1001, Black.
Part No. B1025, White.

Packaged Truck, Trailer, & Towing Hardware

PACKAGED TARP STRAPS & "S" HOOKS
•Package of 8 tarp straps c/w "S" hooks
Part No. 01010, 9" (TS9/9225).
Part No. 01015, 15" (TS15/9225).

PACKAGED ROPE RINGS
•Package of 4
Part No. 02005, Rope rings (B20).
Part No. 02010, Rope rings (B23).

PACKAGED RECESSED ROPE RINGS
•Package of 4
Part No. 02020, Recessed rope rings (B601U).

Packaged Truck, Trailer, & Towing Hardware

PACKAGED SURFACE MOUNT ROPE RINGS
•Package of 4
Part No. 02025, Surface mount rope rings (B701SM).

PACKAGED HEAVY DUTY RECESSED ROPE RINGS
•Package of 1
Part No. 02030, Heavy duty recessed rope rings (B801A).

PACKAGED RUBBER HOOD CATCHES
•Package of 2 •4-7/8"
Part No. 03010, Rubber hood catches (WJ201A).
Part No. 03015, Rubber hood catches (WJ201U).

PACKAGED SURFACE MOUNT DOOR HANDLES
•Package of 1
Part No. 04005, Surface mount "L" type door handle (B2394L).
Part No. 04010, Surface mount "T" type door handle (B2392L).

PACKAGED HEAVY DUTY PADDLE LATCHES
•Package of 1 •Locking or non-locking
Part No. 04030, Heavy duty non-locking paddle latch (N3885).
Part No. 04035, Heavy duty locking paddle latch (L3885).

PACKAGED BOLT-ON TAPERED STAKE POCKET
•Package of 1
Part No. 06010, Bolt-on tapered stake pocket (B2374G).

PACKAGED STAKE RACK CONNECTOR SETS
•Package of 1 •Straight or corner
Part No. 06015, Straight stake rack connector set (B2585BZ).
Part No. 06020, Corner stake rack connector set (B2591BZ).

PACKAGED SECURITY LATCH SETS
•Package of 1 •Straight or corner
Part No. 06025, Straight side security latch set (B2588BZ).
Part No. 06030, Corner security latch set (B2589BZ).

PACKAGED SPRING LATCH ASSEMBLY
•Package of 1 •Zinc
Part No. 06035, Zinc spring latch assembly (B2595LKB).

PACKAGED LIGHT DUTY TOW HOOKS
•Package of 1 •Black or chrome
•With clip and bolt kit
Part No. 10005, Black light duty tow hook w/ clip and bolt kit (B2799BKT).
Part No. 10010, Chrome light duty tow hook w/ clip and bolt kit (B2799CKT).

PACKAGED FORGED PINTLE HOOKS
•Package of 1 •Light or heavy duty
Part No. 10035, Forged light duty pintle hook w/ mounting kit - 5 ton (PH5/8520).
Part No. 10040, Forged heavy duty pintle hook w/ mounting kit - 15 ton (PH15/8520).

PACKAGED FORGED COMBINATION HITCHES
•Package of 1 •8 ton with ball
Part No. 10050, Forged combination hitch, 8 ton, 2" ball (BH82000).
Part No. 10055, Forged combination hitch, 8 ton, 2-5/16" ball (BH82516).

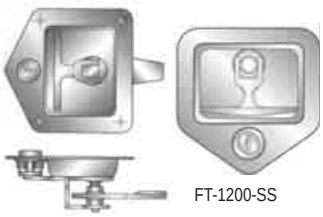
PACKAGED LINCH PINS
•Package of 2
Part No. 66001, ¼" linch pins (66000).
Part No. 66004, 3/16" linch pins (66003).
Part No. 66007, 5/16" linch pins (66006).
Part No. 66011, 7/16" linch pins (66010).
Part No. 66016, 7/16" heavy duty linch pins (66015).

PACKAGED SNAPPER PINS
•Package of 2
Part No. 66046, 3/16" x 1¾" snapper pins (66045).
Part No. 66051, ¼" x 2" snapper pins (66050).
Part No. 66054, 5/16" x 2¾" snapper pins (66053).
Part No. 66057, 3/8" x 1-5/8" snapper pins (66056).
Part No. 66061, 3/8" x 2½" snapper pins (66060).
Part No. 66064, ¼" x 2¾" snapper pins (66063).
Part No. 66067, ¼" x 3¼" snapper pins (66066).

Truck & Trailer Products

RYADON INC.

SINGLE POINT RECESSED FOLDING "T" HANDLES
•Stainless steel or zinc plated •Locking "T" handle
Part No. FT-2500SS-4DC, Stainless steel, c/w drilled holes - Dim: 4.90" x 4.75".
Part No. FT-2500SS-SDC, Stainless steel, c/w mounting studs - Dim: 4.90" x 4.75".
Part No. FT-1200-SS, Stainless steel, c/w 5/16" shaft - Dim: 5" x 4.75".
Part No. FT-1200-ZN, Zinc plated, c/w 5/16" shaft - Dim: 5" x 4.75".



FT-1200-SS

FT-2500SS-4DC

THREE POINT RECESSED FOLDING "T" HANDLES
•Stainless steel •Locking "T" handle
Part No. FT-1100A-SET-34, c/w drilled holes - Dim: 4.90" x 4.75". Comes complete with (2) 34" rods and 2 clips.

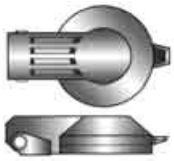
LOCKING PADDLE LATCHES
Part No. PH-9015-L-SS, Stainless steel, mini paddle handle c/w drilled holes - Dim: 4¾" x 3-5/8".
Part No. PH-9015-L-ZN, Zinc plated, mini paddle handle - Dim: 4¾" x 3-5/8".
Part No. FD351SS, Square "D" ring locking, single point.
Part No. FD352SS, Square "D" ring non-locking, single point.
Part No. FD472SS, Square "D" ring locking, dual point.
Part No. FD435MN1SS, Mini square "D" ring locking, single point.
Part No. FD435MN2SS, Mini square "D" ring non-locking, single point.
Part No. FD447MN2SS, Mini square "D" ring locking, dual point.
Part No. PH9018LZP, Large paddle handle, zinc plated.
Part No. PH9018LSS, Large paddle handle, stainless steel.

PH-9015-L-

REPLACEMENT PARTS FOR HANDLES & LATCHES

Part No. C-5619A, Handle striker plate, zinc plated - Dim: 2-7/8" x 7/8".
Part No. G-2500, Rubber gasket for FT2500 handles.
Part No. L-6881, Lock dust cover fits all versions of locking recess folding "T" handles.
Part No. G-FD-L, Large "D" handle gasket, locking.
Part No. G-FD-NL, Large "D" handle gasket, non-locking.
Part No. G-FD-SMALL, Mini "D" handle gasket.
Part No. RALH10554ZN, Anti rattle rod guide.
Part No. R-ROD34S, Zinc plated rods.

Handle Striker Plate


Lock Dust Cover

REPLACEMENT LOCK CYLINDERS FOR "T" LOCKS

Part No. L-2500-CH501.
Part No. L-2500-CH502.
Part No. L-2500-CH503.
Part No. L-2500-CH504.
Part No. L-2500-CH505.
Part No. L-2500-CH506.
Part No. L-2500-CH507.
Part No. L-2500-CH508.
Part No. L-2500-CH509.
Part No. L-2500-CH510.
Part No. L-2500-EM501.
Part No. L-2500-EM502.
Part No. L-2500-EM503.
Part No. L-2500-EM504.
Part No. L-2500-EM505.
Part No. L-2500-EM506.
Part No. L-2500-EM507.
Part No. L-2500-EM508.
Part No. L-2500-EM509.
Part No. L-2500-EM510.

SLIDING DOOR "L" HANDLES

•Locking or non-locking •Step van handle c/w 5/16" square shaft
Part No. H-4001-04-41, Locking, Dim: 7" x 2-11/16".
Part No. H-4003-06, Non-locking, Dim: 7" x 2-11/16".
Part No. H-4168-02-41, Locking rear step van handle.

H-4001-04-41

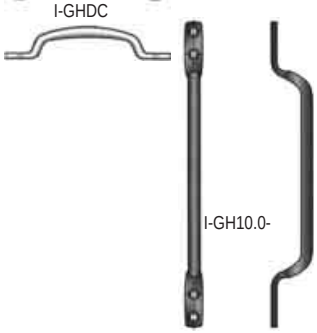
H-4003-06

H-4168-02-41

GRAB HANDLES

•Chrome, aluminum, or zinc •½" diameter
Part No. I-GHDC, 8" chrome, polished chrome finish - Dim: 8-3/16" x 1-15/16".
Part No. I-GH10.0-AL, 13" aluminum.
Part No. I-GH10.0-CH, 13" chrome.
Part No. I-GH10.0-ZN, 13" zinc plated.

I-GHDC


I-GH10.0-

LOCKING TOOL BOX LATCHES

•Pick-up truck tool box latch c/w drilled holes
•Dim: 4¼" x 3¾" •Stainless steel
Part No. CL-1150-SS, Locking.
Part No. CL-1151-SS, Non-locking.
Part No. CL-1152-DC, Rod guide for tool box latches - Dim: 9/16" x 11/16".

CL-1150-SS

CL-1151-SS

CL-1152-DC

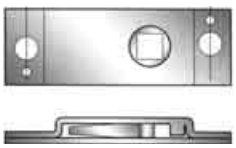
ROTARY LATCHES & LOCKS

•Zinc plated
Part No. I-RL450-1ZP-LH, Left hand rotary latch.
Part No. I-RL450-1ZP-RH, Right hand rotary latch.
Part No. I-RL450-SP/W, Striker plate for rotary latches.
Part No. I-DBCC5611-LH, 3-point dead bolt lock, left hand.
Part No. I-DBCC5611-RH, 3-point dead bolt lock, right hand.

I-RL450-1ZP-

MISCELLANEOUS LATCHES & LOCKS

•Zinc plated
Part No. SL-2106ZN, Finger pull latch ("slam latch"), Dim: 1-5/8" x 4-5/8".
Part No. I-TBL46ZN, Tool box lock, 3" x 1".
Part No. CL-2555-LH-ZP, Left hand cab latch, for use with 5/16" square shaft, Dim: 5-7/8" x 3-3/8".
Part No. CL-2555-RH-ZP, Right hand cab latch, for use with 5/16" square shaft, Dim: 5-7/8" x 3-3/8".
Part No. CL-2558-LH, Left hand cab latch, for use with 5/16" square shaft, Dim: 3-3/8" x 2½".
Part No. CL-2558-RH, Right hand cab latch, for use with 5/16" square shaft, Dim: 3-3/8" x 2½".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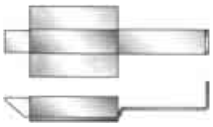
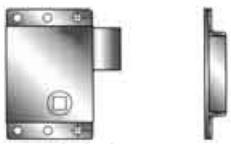

SL-2106ZN

CL-2555-LH-ZP


CL-2558-RH

TRUCK CAP PRODUCTS

•T-handles, cams, hinges
Part No. HT303FM, "T" handle, front mount, black.
Part No. HT303BM, "T" handle, blind mount, black.
Part No. HT308, Glass mount handle, black.
Part No. C1100, 2¾" cam.
Part No. C15, Die cast cam.
Part No. IGTHLB, Left hand hinge - black.
Part No. IGTHRB, Right hand hinge - black.
Part No. IGTHLC, Left hand hinge - chrome.
Part No. IGTHRC, Right hand hinge - chrome.

HT303-

POSITIVE DOOR HOLD BACK SETS

•Stainless steel, aluminum, or zinc plated
Part No. I-DH4-SS-SET, 4" stainless steel door hold back set. Base dim.: 3" x 1¾".
Part No. I-DH4-ZP-SET, 4" zinc plated door hold back set. Base dim.: 3" x 1¾".
Part No. I-DH6-ZP-SET, 6" zinc plated door hold back set. Base dim.: 3" x 1¾".
Part No. IDHB2AL, 2" aluminum door hold back.
Part No. IDHB4AL, 4" aluminum door hold back.
Part No. IDH38R1, Rubber door holder, 1-1/8".
Part No. IDH38R2, Rubber door holder, 2-1/16".
Part No. IDH38R3, Rubber door holder, 3-1/16".

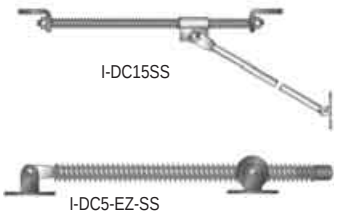
I-DH4-SS/ZP-SET

IDHB4AL

IDH38R2

DOOR CHECKS

•Stainless steel
Part No. I-DC15SS, With large hold-back spring; 13".
Part No. I-DC5-EZ-SS, Mounts with fewer mounting points. Base hole-hole: 1½".



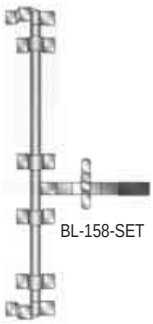
I-DC15SS

I-DC5-EZ-SS

MISCELLANEOUS DOOR HOLDERS

Part No. BL-157-SET, Zinc plated medium duty roller hinge door lock.
Part No. BL-158-SET, Bar lock set, medium duty cam-type.
Part No. BL-470-SET, Bar lock set, aluminum medium duty cam-type.

BL-157-SET



BL-158-SET

DRAWER SLIDES

•Sold in pairs •100 lb. capacity
Part No. I-DS-5632-10, Pair, 10".
Part No. I-DS-5632-12, Pair, 12".
Part No. I-DS-5632-14, Pair, 14".
Part No. I-DS-5632-16, Pair, 16".
Part No. I-DS-5632-18, Pair, 18".
Part No. I-DS-5632-20, Pair, 20".
Part No. I-DS-5632-22, Pair, 22".
Part No. I-DS-5632-24, Pair, 24".
Part No. I-DS-5632-26, Pair, 26".
Part No. I-DS-5632-28, Pair, 28".
Part No. I-DS-5632-30, Pair, 30".
Part No. I-DS-5632-32, Pair, 32".
Part No. I-DS-5632-34, Pair, 34".
Part No. I-DS-5632-36, Pair, 36".

DRAWER SLIDES

•Sold in pairs •300 lb. capacity
Part No. I-DS-3300-10, Pair, 10".
Part No. I-DS-3300-12, Pair, 12".
Part No. I-DS-3300-14, Pair, 14".
Part No. I-DS-3300-16, Pair, 16".
Part No. I-DS-3300-18, Pair, 18".
Part No. I-DS-3300-20, Pair, 20".
Part No. I-DS-3300-22, Pair, 22".
Part No. I-DS-3300-24, Pair, 24".
Part No. I-DS-3300-26, Pair, 26".
Part No. I-DS-3300-28, Pair, 28".
Part No. I-DS-3300-30, Pair, 30".
Part No. I-DS-3300-32, Pair, 32".
Part No. I-DS-3300-34, Pair, 34".
Part No. I-DS-3300-36, Pair, 36".

CHAIN LOOP

•Cast aluminum, designed for use with aluminum trailers/bodies •5" x 2¼ high
Part No. I-CLA.

FLUSH TIE DOWN

•Zinc plated flush tie down, 1200 lb. capacity
•3-3/8" diameter
Part No. I-TD-39ZN.

Plastic spacer for flush tie down. 4-1/32" O.D. x 3" I.D.
Part No. I-TD-39ZN-G.

I-TD-39ZN

I-TD-39ZN-G

FLUSH TIE DOWN & SPACER SET

•Zinc plated flush tie down and spacer set, 1200 lb. capacity •3-3/8" diameter
Part No. I-TD-39ZN-SET.

ROPE RINGS

•Zinc plated
Part No. I-RRTH-98-ZP, 1200 lb. capacity, 3/8" recessed pan. 5" x 3½.
Part No. I-RR172-ZP-WFHD, 6000 lb. capacity, wide 4-7/16" recessed flange. 4-13/16" x 4-7/16".

I-RRTH-98-ZP

I-RR172-ZP-WFHD

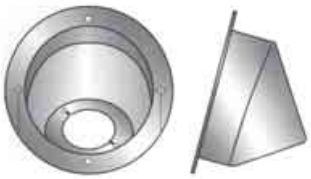
HEAVY DUTY TIE DOWN RINGS

•Zinc plated or stainless steel •6000 lb. capacity
Part No. I-TD6-125-ZP, Zinc plated, 1" deep pan, swivel ring. 6-5/16" O.D. flange.
Part No. I-TD6-125-SS, Stainless steel, 1¼" deep pan, swivel ring. 6-1/8" O.D. flange.

I-TD6125-SS

FUEL POCKET

•Stainless steel fuel pocket to dress fuel fill area
Part No. I-GFT-SS.



VENTS & ACCESSORIES

Part No. RV-626-062, Aluminum roof air vent, design allows vent to open in either direction, 13¾" x 7¾".
Part No. RV-TRIM, Trim ring for #RV-626-062 air vent, 14-1/8" x 8-9/16".
Part No. RV-622-062-TUBE, Tube style aluminum roof air vent.
Part No. RVGSKT, RV roof vent gasket.

RV-622-062-TUBE

RUBBER HOOD CATCH
•Complete with stainless steel hardware
Part No. 9026-SS, 2½".
Part No. 9468-SS, 3¾".
Part No. 9027-SS, 5¼".

9468-SS 9027-SS

RUBBER HOOD CATCH
•Complete with zinc plated hardware
Part No. 9111, 6".
Part No. 9112, 8".

9111

STEEL HOOD FASTENER
Part No. 9024-BK, Black, 90°, 3-5/8".
Part No. 9025-BK, Black, Straight, 3¾".

9024-BK

SPRING LATCH BOLTS
•Zinc plated or stainless steel
Part No. 9535, Zinc, 5-1/8".
Part No. 9599, Zinc, 6¼".
Part No. 9156-1, Stainless steel, 6¼".
Part No. 9185, Zinc, 8-5/16".

9599 9185

CANE LATCH BOLTS
•Zinc plated •Plate size 2½" x 1-3/16" •Bolt length 3¾"
Part No. 9187-RH, Right hand.
Part No. 9187-LH, Left hand.

COMPARTMENT LATCH
•3" x 1-9/16"
Part No. 9137.

PULL-DOWN CATCH
•Zinc plated •Order catch and striker plate separately
Part No. 9145, 3½" pull down catch.
Part No. 9625, 1-1/8" catch striker plate.

9145 & 9625

SPRING LOADED DOOR LATCH
•Spring loaded/chain pull door latch •6"
Part No. 9465.

LINK TYPE DOOR HOLDER
•Zinc plated •With 4" loop; 7" rod; 4" grab
Part No. 9183.

FOLDING GRAB HANDLES
•Plain, black, zinc plated, or stainless steel
•5-3/8" x 4¼"
Part No. 9182-PL, Plain steel.
Part No. 9182-BK, Black painted steel.
Part No. 9182-ZN, Zinc plated steel.
Part No. 9182-SS, Stainless steel.

FOLDING FOOT STEP/GRAB HANDLE
•Steel •8" x 6½"
Part No. 9525.

CHEST HANDLE
•Zinc plated, 4 drilled holes •3-5/8" x 3-3/8"
Part No. 6034.

CHROMED STEEL GRAB HANDLE
•6"
Part No. 9181.

PRESSED STEEL GRAB HANDLE
•6½"
Part No. 2509.

POLYURETHANE COATED GRAB HANDLE
•Polyurethane coated stainless steel
Part No. 2327-ST, 11".
Part No. 2328-ST, 7½".

PAINTED BLACK STEEL GRAB HANDLE
•13"
Part No. 9154-BK.

CHROME HINGE — UNIVERSAL
•3¼" x 5½" chrome hinge
Part No. 202-120.

PLAIN STEEL STRAP HINGE
•Complete with grease fitting
Part No. 9162-8, 8".
Part No. 9162-12, 12".
Part No. 9162-16, 16".

CHROME MINI-HINGE
•2-3/8" x 2-3/8"
Part No. 6072-1, 1/8" offset mini-hinge.
Part No. 6072-2, 7/32" offset mini-hinge.
Part No. 6072-3, Flush mini-hinge.
Part No. 6072-4, 5/16" offset mini-hinge.

WHITTING HINGES
•Black roll-up door Whitting hinge
Part No. 9163, 6" end hinge.
Part No. 9466, 6¼" centre hinge.

STAINLESS STEEL HINGE
•5¾" x 3" stainless steel hinge c/w grease fitting
Part No. 9568.

imexs inc.

Automotive & Heavy Duty Fleet Products

DOOR HOLD BACK SOCKET
•3-3/8" x 2" base
Part No. 8560-LCR.

DOOR HOLD BACK PLUNGER
•3" x 1-1/8" base
Part No. 8560-L1, 2-1/8".
Part No. 8560-L2, 2-5/8".

8560-LCR & 8560-L1

STAINLESS STEEL DOOR HOOK & KEEPER
•6"
Part No. 6564-6SS.

TELESCOPIC DOOR & LID PROP
Part No. 9505-8, 8".
Part No. 9505-10, 10".
Part No. 9505-12, 12".
Part No. 9505-16, 16".

STAKE RACK EYE
Part No. 9454-E.

STAKE RACK HOOKS
Part No. 9454-L, Left hand.
Part No. 9454-R, Right hand.

9454-R & 9454E

NYLON ROLLER HOOKS
•Wheels 1-1/8" diameter x 1-1/8" width •Hook length shown is measured from the centre of wheel to the bottom of the hook
Part No. 9143-S, Hook = 1¼" long.
Part No. 9143-L, Hook = 1¾" long.

PLAIN STEEL LASHING "D" RING
•Bolt-on or weld-on
Part No. 9470-1/2, ½" dia., bolt-on, 3½" x 3½" O.D.
Part No. 9469-5/8, 5/8" dia., weld-on, 4-3/8" x 4-3/8" O.D.
Part No. 9469-3/4, ¾" dia., weld-on, 4½" x 4½" O.D.
Part No. 9469-1, 1" dia., weld-on, 5" x 5" O.D.
Part No. 9469-1L, 1" dia., weld-on, 5" x 6" long.

9469-

imexs inc.

RECESSED ROPE TIE DOWN
•2000 lb. •3¾" x 4"
Part No. 9193.

ROPE HOOKS
•Zinc plated or plain steel
Part No. 9132-S, 3-1/8" zinc plated.
Part No. 9132-L, 5" zinc plated.
Part No. 9133, 3-1/8" plain steel, weld-on.
Part No. 9134, 2-1/8" zinc plated.

9133

9132-L

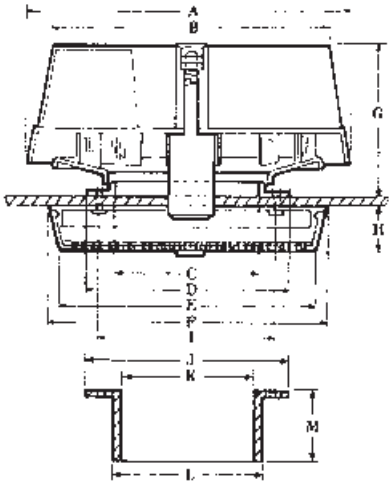
9134

Built to last! Fit it... forget it... forever!

The Flettner Ventilator system enjoys worldwide success on virtually every form of transport on land or sea: buses (especially minibuses), ambulances, police vehicles, dog vans, horse boxes, livestock transport, food transport, public utility vehicles, glider trailers, fishing vessels, pleasure craft, etc. Flettner ventilators are also used on stationary sites such as caravans, mountain cabins, portable work units, farm buildings, and greenhouses. Tough and durable construction makes the ventilator suitable for use in extreme climates. Indeed, it has been shown to cope successfully with every type of weather condition from equatorial downpours to the intense cold and blizzards of the Antarctic.

How it works: The principle is deceptively simple — mounted on a spindle the extractor fan is driven by an air scoop which catches the air stream created by the vehicle's motion. No more than a slight breeze is required to set this polypropylene rotor in motion and hence it is also suitable for stationary sites in open locations. Beneath the spinning air scoop are 8 vanes which expel air centrifugally, drawing stale air from below. The construction of the unit prevents the entry of rain, dust, and downdraughts. Extraction capacity is remarkably effective and can be regulated by the open and close shutter accessory. Wind power means a very quiet, maintenance free performance with no electrical connections to worry about, no drain on batteries, no running costs and no distracting noise from a tired motor. Installation into the roof is simple requiring only a four bolt fixing and a 96 mm diameter vent aperture. An adapter is available to facilitate fitting on the ducting; two of these, joined end-to-end, may prove useful in bridging the cavity or insulation within a double skinned roof.

Part No. 2000-BK, Black Flettner 2000 ventilator.
Part No. 2000-WH, White Flettner 2000 ventilator.
Part No. 2000-AD, Mounting adapter for Flettner 2000 ventilator.



DIMENSIONS

DIMENSIONS	MM	INCHES
A	225.8	8.89
B	196.0	7.72
C	98.0	3.86
D	145.0	5.70
E	163.5	6.44
F	188.9	7.44
G	105.0	4.13
H	36.5	1.44
I	124.0	4.88
J	145.0	5.70
K (int. diameter)	98.0	3.86
K (ext. diameter)	105.5	4.15
L (int. diameter)	96.0	3.78
L (ext. diameter)	103.5	4.07
M	50.0	1.97

AIR EXTRACTION FIGURES

KM/H	MPH	Cubic M per min.	Cubic Ft. per min.
16	10	1.16	41
24	15	1.73	62
32	20	2.32	82
48	30	3.48	123
64	40	4.64	164
80	50	5.80	205
96	60	6.96	246
112	70	7.81	276

Wheel Chocks

RUBBER WHEEL CHOCKS

•Made from a tough reinforced rubber, resistant to sun, salt, oil and acid •Dimension shown is LxWxH
Part No. WC1467A, 8" x 5" x 5"; 4.15 lbs.
Part No. WC1468A, 8" x 8" x 5"; 5.90 lbs.
Part No. WC796R, 9½" x 7" x 7"; 10 lbs., c/w eye bolt.

WC1468A

WC796R

HEAVY DUTY RUBBER WHEEL CHOCKS

•Designed for unusually heavy load applications •Built to OSHA standards •Molded hand hold and chain eye for convenience •Dimension shown is LxWxH
Part No. WC2556A, 10.25" x 7" x 8.13"; 11.15 lbs.
Part No. WC1086, 10" x 8" x 6"; 9 lbs., c/w metal chain eye.

WC2556A

WC1086

ALUMINUM WHEEL CHOCKS

•Aluminum wheel chocks offer light weight which reduces operator fatigue which encourages usage •Dimension shown is LxWxH
Part No. WC765, 7" x 6" x 5.25"; 1.5 lbs.
Part No. WC1267, 12.12" x 6.12" x 7"; 3.25 lbs.
Part No. WC1588, 15" x 8.5" x 7.25"; 7.25 lbs.

WC765

WC1267

WC1588

Bumper Sight Rods

•Extra heavy duty 3/4" O.D. tube is constructed of low temperature fluorescent orange nylon •Full 1/8" wall thickness •More surface area than conventional markers •Markers are sold in pairs with vertical mounting fasteners included •Horizontal mounting and angle mounting brackets are available
Part No. 1308103, 24" long sight rod kit, stud mount. NEW!
Part No. 1308105, 28" long sight rod kit, bolt-on base.
Part No. 1308106, 28" long sight rod kit, stud mount. NEW!
Part No. 1308110, 36" long sight rod kit, bolt-on base.
Part No. 1308111, 36" long sight rod kit, stud mount. NEW!
Part No. 1308115, 48" long bumper sight rod kit, bolt-on base.
Part No. 1308120, 45° angle adapter mounting kit.
Part No. 1308125, Horizontal adapter mounting kit.

1308120

1308125

Truck Accessories

"VALUE LINE" POLYMER SPLASH GUARDS

PART NO. FOR BLACK	PART NO. FOR WHITE	PART NO. FOR RED	PART NO. FOR BLUE	SIZE	WEIGHT PER PAIR
RC18PPB	RC18PPW	—	—	24" x 18"	5 lbs.
RC24PPB	RC24PPW	—	—	24" x 24"	6½ lbs.
RC30PPB	RC30PPW	RC30PPR	RC30PPBLU	24" x 30"	8.2 lbs.
RC36PPB	RC36PPW	—	—	24" x 36"	9.8 lbs.

SPRAY REDUCING GROOVED POLYMER SPLASH GUARDS

PART NO. FOR BLACK	PART NO. FOR WHITE	SIZE	WEIGHT PER PAIR
B24PSRPB	B24PSRPW	24" x 24"	11 lbs.
B30PSRPB	B30PSRPW	24" x 30"	14 lbs.
B36PSRPB	B36PSRPW	24" x 36"	17 lbs.

THERMO-FLEX FENDER GUARDS

PART NO. FOR BLACK	PART NO. FOR WHITE	SIZE	WEIGHT PER PAIR
B1018PPB	—	10" x 18"	1 lb.
B1237PPB	B1237PPW	12" x 37"	2½ lbs.

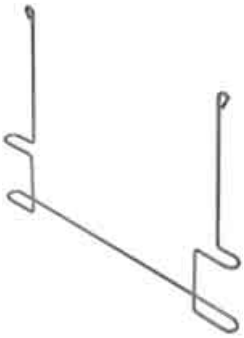
Thermo-Flex Fender Guards

STA - PUT RUBBER SPLASH GUARDS

PART NO. FOR BLACK	SIZE	WEIGHT PER PAIR
B24SPP	24" x 24"	21 lbs.
B30SPP	24" x 30"	24 lbs.
B36SPP	24" x 36"	30 lbs.
B40SPP	24" x 40"	34 lbs.

ANTI-SAIL SPLASH GUARD BRACKET

Zinc plated bracket, 21.625" x 25.375". Pair.
Part No. 405BZ.



EXTRA HEAVY DUTY RUBBER SPLASH GUARDS - 3/8" THICK

PART NO. FOR BLACK	SIZE	WEIGHT PER PAIR
B30LXP	24" x 30"	18 lbs.
B36LXP	24" x 36"	20 lbs.
B40LXP	24" x 40"	22 lbs.

HEAVY DUTY RUBBER SPLASH GUARDS - 1/4" THICK

PART NO. FOR BLACK	SIZE	WEIGHT PER PAIR
B1018LSP*	10" x 18"	3 lbs.
B1218LSP	12" x 18"	4 lbs.
B1812LSP	18" x 12"	4 lbs.
B2014LSP	20" x 14"	6 lbs.
B2018LSP	20" x 18"	7 lbs.
B2020LSP	20" x 20"	8 lbs.
B2024LSP	20" x 24"	9 lbs.
B2030LSP	20" x 30"	13 lbs.
B2412LSP	24" x 12"	7 lbs.
B2414LSP	24" x 14"	7 lbs.
B2418LSP	24" x 18"	8 lbs.
B2420LSP	24" x 20"	9 lbs.
B24LP	24" x 24"	12 lbs.
B30LP	24" x 30"	14 lbs.
B36LP	24" x 36"	16 lbs.
B40LP	24" x 40"	18 lbs.

*Pair, teardrop style

Mud & Splash Guards

HEAVY DUTY SPLASHGUARDS

made of solid rubber and are protected against cracking, chipping, and curling. Built to withstand all the heavy duty rigours of the highway. Available in plain black or white.

Part No.	Colour	Size	Weight (each)	Thickness
B-1218	Black	12" x 18"	2¼ lbs.	5/16"
B-2015	Black	20" x 15"	3½ lbs.	5/16"
B-2414	Black	24" x 14"	4¼ lbs.	5/16"
B-2418	Black	24" x 18"	5½ lbs.	5/16"
B-2424	Black	24" x 24"	7¼ lbs.	5/16"
B-2430	Black	24" x 30"	9 lbs.	5/16"
B-2436	Black	24" x 36"	10¼ lbs.	5/16"
W-1218	White	12" x 18"	2¾ lbs.	5/16"
W-2015	White	20" x 15"	4 lbs.	5/16"
W-2414	White	24" x 14"	4¾ lbs.	5/16"
W-2418	White	24" x 18"	6 lbs.	5/16"
W-2424	White	24" x 24"	7½ lbs.	5/16"
W-2430	White	24" x 30"	9¾ lbs.	5/16"
W-2436	White	24" x 36"	11¾ lbs.	5/16"

RAIN MASTER

For improved protection. The Rain Master backing is designed with special vertical ribs that trap and deflect water spray for improved highway safety. Molded from top quality rubber.

Part No.	Colour	Size	Weight (each)	Thickness
BRM-2430	Black	24" x 30"	9½ lbs.	5/16"
BRM-2436	Black	24" x 36"	10¾ lbs.	5/16"

ANTI-SAIL SPLASHGUARDS

Spring steel strapped full length for extra rigidity.

Part No.	Colour	Size	Weight (each)	Thickness
BAS-2430	Black	24" x 30"	10 lbs.	5/16"
BAS-2436	Black	24" x 36"	11½ lbs.	5/16"

SPECIALTY FLAPS

Mudflaps specially designed for your geographic location.

Part No.	Description	Size	Weight (each)	Thickness
NWT-B-2015	(black) Northwest Territories	20" x 15"	4 lbs.	5/16"
WILDROSE-W-2015	(white) Wildrose	20" x 15"	4½ lbs.	5/16"
WILDROSE-B-2015	(black) Wildrose	20" x 15"	4 lbs.	5/16"
ALTA-W-2430	(white) Alberta w/ coat of arms	24" x 30"	9¼ lbs.	5/16"

ECONOMY RUBBER MUD FLAPS

Compression molded and fibre reinforced for toughness and tear resistance. An economical splashguard that exceeds industry standards for both quality and stiffness.

Part No. LW-2424, 24" x 24" plain black economy rubber mudflap.
Part No. LW-2430, 24" x 30" plain black economy rubber mudflap.
Part No. LW-2436, 24" x 36" plain black economy rubber mudflap.

PERSONALIZED mudflaps are available on special request.

BETTS
Mud Flap Holders

Sold as a pair.

Part No. BETTS-23
•.640" square steel •interchangeable •30" long

Part No. BETTS-25
•.640" square steel •interchangeable •30" long

Part No. BETTS-29
•.640" square steel •5.5" offset arm •30" long

Part No. BETTS-33
•.640" square steel •shortened holder •45° angle •28" long

Part No. BETTS-35
•.640" square steel •shortened holder •45° angle •28" long

Part No. BETTS-39
•.640" square steel •shortened holder •5.5" offset •45° angle •28" long

Part No. BETTS-69
•.640" square steel •9" offset arm •30" long

Part No. BETTS-82
•3/4" square steel heavy duty holder •interchangeable •30" long

Part No. BETTS-83
•3/4" square steel heavy duty holder •30" long

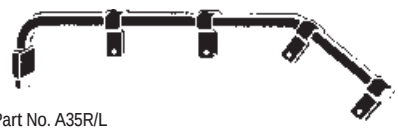
Part No. BETTS-84
•3/4" square steel heavy duty holder •45° angle •28" long

Part No. BETTS-86
•3/4" square steel heavy duty holder •shortened with 7" offset •45° angle •28" long

Part No. BETTS-87
•3/4" square steel heavy duty holder •45° angle •30" long

Standard Singles

Part No. A25R/L
•.640" square steel •30" straight •for use on either left or right side •no bracket



Part No. A35R/L
•.640" square steel •28"; 45° angle •for use on either left or right side •no bracket

Mud Flap Holder Brackets

Part No. B-650
•Standard bracket for vertical mounting

Part No. B-711
•Standard bracket lighterweight/stronger

Part No. B-1732
•Standard bracket

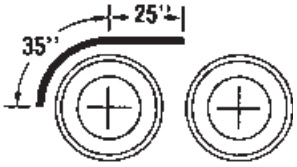
Part No. B600R (Right)
Part No. B600L (Left)
•Standard bracket for end frame mounting

Part No. B750R (Right)
Part No. B750L (Left)
•3/4" heavy duty for mounting at end of frame

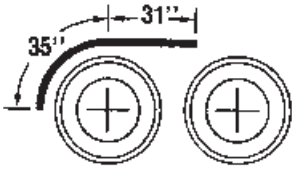
Part No. B-700
•3/4" heavy duty mounting bracket

Part No. B-850
•3/4" heavy duty special vertical application

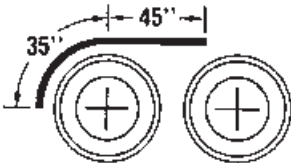
TANDEM FENDERS



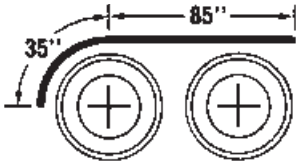
Part No. N60SS, Pair stainless half tandem.
Part No. N60G, Pair galvanized half tandem.



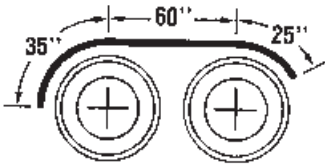
Part No. N66SS, Pair stainless half tandem.
Part No. N66G, Pair galvanized half tandem.



Part No. N80SS, Pair stainless half tandem.
Part No. N80G, Pair galvanized half tandem.



Part No. N125SS, Pair stainless half tandem.
Part No. N125G, Pair galvanized half tandem.

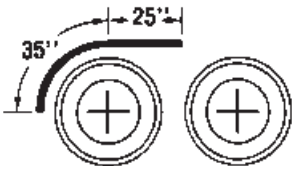


Part No. N120SS, Pair stainless full tandem.
Part No. N120G, Pair galvanized full tandem.

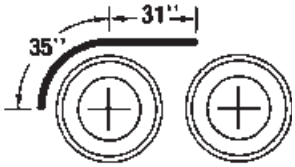
Part No. N180SS, Pair stainless full round.
Part No. N180G, Pair galvanized full round.
Part No. N180A, Pair aluminum full round.

Part No. N155SS, Pair stainless half round.
Part No. N155G, Pair galvanized half round.

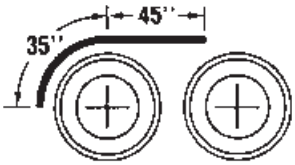
TANDEM FENDERS C/W FLANGE



Part No. NF60SS, Pair stainless half tandem.

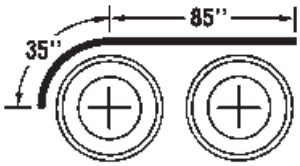


Part No. NF66SS, Pair stainless half tandem.

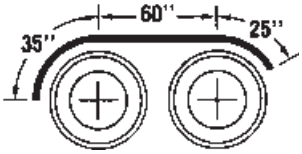


Part No. NF80SS, Pair stainless half tandem.

PLEASE NOTE:
Warranty does not cover cracking on "NF" series.



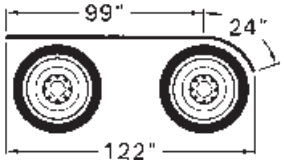
Part No. NF125SS, Pair stainless half tandem.



Part No. NF120SS, Pair stainless full tandem.

Part No. NF180SS, Pair stainless full round.
Part No. NF180G, Pair galvanized full round.
Part No. NF180A, Pair aluminum full round.

Part No. NF155SS, Pair stainless half round.
Part No. NF155A, Pair aluminum half round.



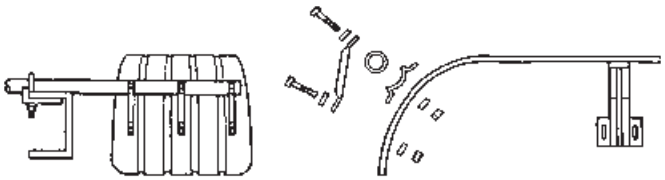
Part No. NF122A, Pair aluminum full tandem.

RUBBER QUARTER FENDER

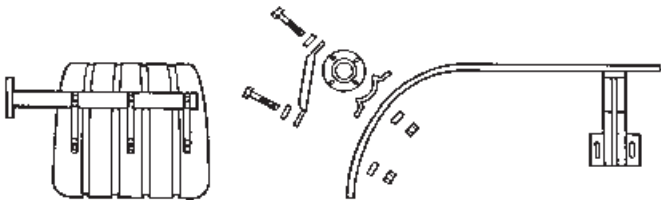
Part No. N123-R, Crossover mounted rubber quarter fender c/w zinc plated mounting hardware.

MOUNTING KITS FOR FENDERS

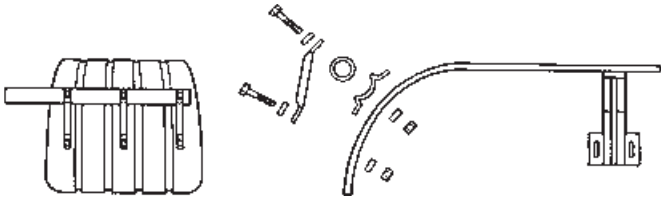
•For N and NF 60, 66, 80 stainless steel fenders



Part No. N8060SSMK, Crossover mount kit.



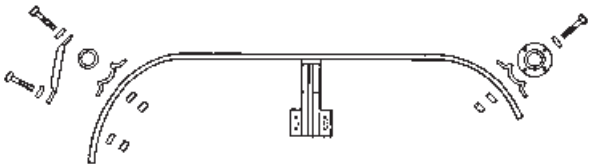
Part No. N8060SSMK-SM, Side mount kit.



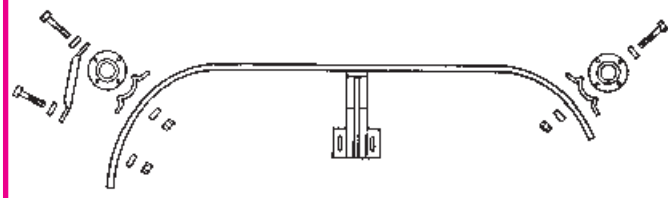
Part No. N8060SSMK-PM, Post mount kit.
Part No. N6080SSHB, Replacement hardware kit only.

MOUNTING KITS FOR FENDERS

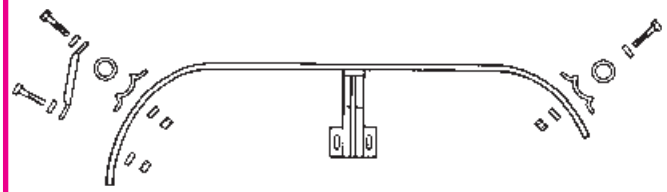
•For N120 stainless steel fenders



Part No. N120SSMK, Crossover mount kit.
Part No. N120SSHB, Replacement hardware kit only.



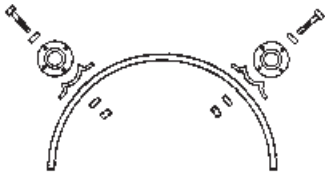
Part No. N120SSMK-SM, Side mount kit.



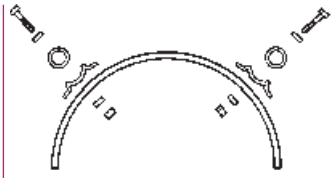
Part No. N120SSMK-PM, Post mount kit.
Part No. N120SSHB-SM, Replacement hardware kit only.

MOUNTING KITS FOR FENDERS

•For N and NF 155, 160, 180 stainless steel, galvanized, and aluminum round fenders



Part No. N180SSMK, Side mount kit.



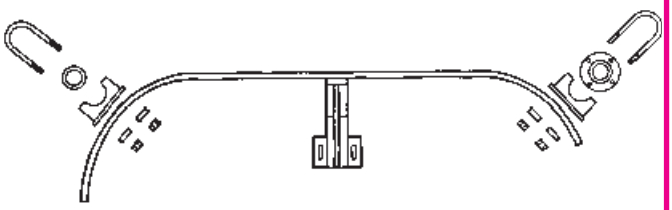
Part No. N180SSMK-PM, Post mount kit.
Part No. N180SSHB, Replacement hardware kit only.

Part No. N180GMK, Side mount kit (galvanized).

Part No. N180GMK-PM, Post mount kit (galvanized).
Part No. N180GHB, Replacement hardware kit only.

MOUNTING KITS FOR FENDERS

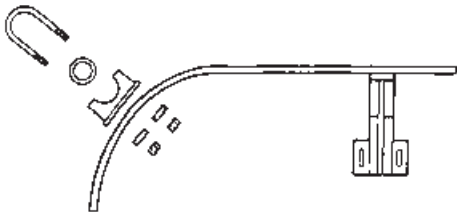
•For N120, painted, galvanized, and aluminum fenders



Part No. N120-GMK, Crossover mount kit. (illustrated)
Part No. N120GHB, Replacement hardware kit only for #N120-GMK.
Part No. N120-GMK-SM, Side mount kit. (not illustrated)
Part No. N120GHB-SM, Replacement hardware kit only for #N120-GMK-SM.
Part No. N120-GMK-PM, Post mount kit. (not illustrated)

MOUNTING KITS FOR HALF FENDERS

•For all galvanized and aluminum half fenders



Part No. N8060GMK, Crossover mount kit.
Part No. N6080GHB, Replacement hardware kit only for #N8060GMK.
Part No. N8060GMK-SM, Side mount kit.
Part No. N6080GHB-SM, Replacement hardware kit only for #N8060GMK-SM.
Part No. N8060GMK-PM, Post mount kit.

Truck/Trailer Accessories

MOUNTING PIPES & BRACKETS

Part No. NC091, 94" pipe, zinc, no holes.

Part No. N30, 30" side mount, zinc, no holes.

Part No. N40, 30" post mount, zinc, no holes.

Part No. N230, Centre mount bracket, 13" high.

FLEXIBLE MUD FLAP HANGERS

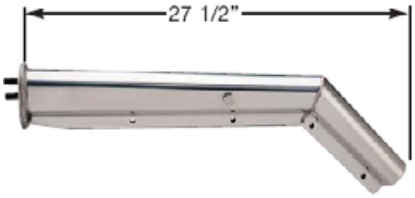
•Flexible spring loaded •Painted steel, chrome plated, or stainless steel
Part No. NF30-P, Painted steel.
Part No. NF30-C, chrome plated.
Part No. NF30-SS, Stainless steel.

Part No. NF30-3, Replacement expansion spring for NF30 flap hangers.

FLEXIBLE MUD FLAP HANGERS — 45° ANGLE

•Flexible spring loaded •45° angle •Painted steel, chrome plated, or stainless steel
Part No. NF37-P, Painted steel.
Part No. NF37-C, chrome plated.
Part No. NF37-SS, Stainless steel.

Part No. NF27-3, Replacement expansion spring for NF37 flap hangers.



MUD FLAP HANGER CONSPICUITY REFLECTOR STRIPS

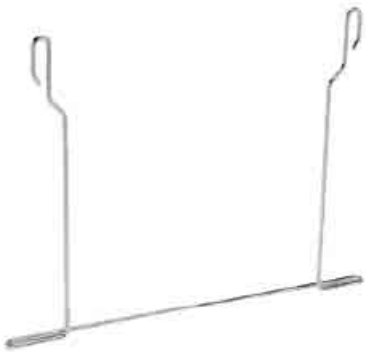
•Sold in pairs only

Part No. NRS3000, Fits NF30 series. Note: These will fit our BETTS23, BETTS25, and BETTS29 hangers.

Part No. NRS3700, Kit contains one left and one right. Fits NF37 series. Note: These will fit our BETTS33, BETTS35, and BETTS39 hangers.

ANTI-SAIL BRACKETS

•Fits standard 24" wide mud flaps up to ½" thick •Sold individually
•Chrome plated or black primed
Part No. N2620-C, Chrome plated.
Part No. N2620-P, Black primed.

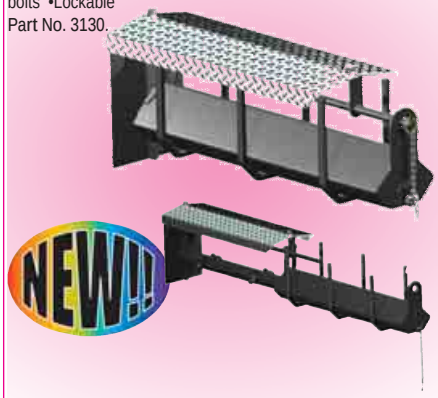


STAR FABRICATION
Tire Chain Hangers

RETRACTABLE TIRE CHAIN HANGER
•Mounts to frame/underbody of truck •Slides out for easy access to tire chains •Steel •Retracted length 32¼" •Sold as each
Part No. 3100.

COVERED RETRACTABLE TIRE CHAIN HANGER
•Heavy duty welded construction •Pulls out to fully expose all chains •Bolt-on aluminum tread plate cover •Stainless steel bolts •Lockable
Part No. 3110.

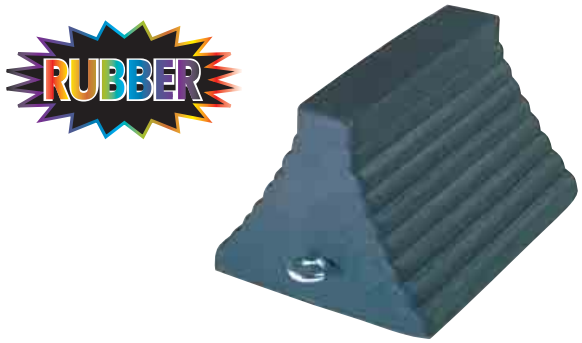
COVERED TIRE CHAIN HANGER w/ ROLLER BEARINGS
•Heavy duty welded construction •Pulls out to fully expose all chains with the added benefit of roller bearings for a smoother pull-out •Bolt-on aluminum tread plate cover •Stainless steel bolts •Lockable
Part No. 3130.



CHECKERS® INDUSTRIAL PRODUCTS
Wheel Chocks

RUBBER WHEEL CHOCKS — 450 SERIES
The standard of the utility industry! This wheel chock design is used by most utility and telephone fleets and allows either side of chock to be positioned against tire. Durable rubber construction, fits most chock storage compartments, resistant to the elements, and complete with a steel loop carrying handle. 10"L x 8"W x 5.5"H.
Part No. RC450, Wheel chock with bottom void, 7 lbs.
Part No. RC450-CL, Wheel chock with bottom void and ice cleat, 9 lbs.

RUBBER WHEEL CHOCKS — 815 SERIES
For "over the road" trucks and trailers and loading dock facilities. Design allows either side of chock to be positioned against tire. Ideal for keeping truck trailers in place during loading and unloading operations. Durable rubber construction, resistant to the elements, ribbed pyramid design and complete with eyebolt for ropes or chains. 10"L x 8"W x 6"H. 8.5 lbs.
Part No. RC815, Wheel chock with bottom void.



URETHANE WHEEL CHOCKS — 1500 SERIES
Urethane wheel chocks are strong, safe, and lightweight. Impact absorbing chocks grip tire and road, will not cause tire or pavement damage and are oil and chemical resistant. Popular design for "over the road" trucks and trailers. Recessed carrying handle, mounting hole for ropes or chains, and are orange in colour. 11"L x 7.75"W x 8"H.
Part No. UC1500-4.5, Urethane wheel chock, 4.5 lbs.
Part No. UC1500-6, Urethane wheel chock, 6 lbs.

URETHANE WHEEL CHOCKS — 1500 SERIES
Specifically designed for the mining industry. They are made of a tough polyurethane construction, resistant to oils, fuels, and solvents. Features a mounting hole — for ropes or chains and a recessed carrying handle. Will handle tires over 105" diameter and load capacity up to 240 tons. Yellow in colour. 22"L x 15"W x 11"H. 40 lbs.
Part No. MC1812.

FLAGSTAFF™

Safety Flagpoles For Off-Road Vehicles — "Buggy Whips"

Warn others of your off-road vehicle's presence by attaching a flagstaff safety flagpole. Safety flagpoles provide quick and easy identification of other vehicles or equipment in your area. Bolt-on mounting for easy attachment. Flagstaffs have a lamp socket which can accommodate a traditional lens or "Glo-Worm" light — each sold separately.

FLAGSTAFF w/ HEAVY DUTY FLAG
•Threaded base, lamp socket, and hot plug
Part No. FS10L, 10 ft.
Part No. FS8L, 8 ft.
Part No. FS5L, 5 ft.
Part No. FS3L, 3 ft.

flagpole shown with traditional lens

FLAGSTAFF w/ HEAVY DUTY FLAG & HEX MOUNTING BASE
•Lamp socket •Short thread/side hole (for use with #FSPC3009 magnetic mounting base only)
Part No. FS3LHEXBST/SH, 3 ft.

flagpole shown with traditional lens

TRADITIONAL PLASTIC LENS
•High impact traditional plastic lens •Amber or blue
Part No. FS7020-A, Amber.
Part No. FS7020-B, Blue.

Chrome plated metal lens cap for use with #FS7020-A and #FS7020-B lens.
Part No. FS7004.

GLO-WORM LIGHT
•12 volt •6" •Made of flexible PVC, UV stabilized material •Amber or clear
Part No. FSLED12-6A, Amber.
Part No. FSLED12-6C, Clear.

ACCESSORIES & REPLACEMENT PARTS
Part No. FS7006, Chrome plated heavy duty spring mount
Part No. FS9024, Standard heavy duty orange flag, plastic coated, nylon mesh — 11"H x 12"W, mounting clips included
Part No. FS9025, Standard heavy duty orange flag w/ white Reflexite "X", plastic coated, nylon mesh — 11" H x 12" W, mounting clips included.
Part No. FS9028, Hot plug connector with wire pigtail
Part No. FSPC3009, Magnetic mounting base and power cord (for #FS3LHEXBST/SH only)

FS7006

FS9024

FS9025

SAFETY FLAGPOLES
Flagstaff™
FOR OFF-ROAD VEHICLES

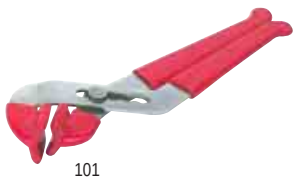
ROADMASTER

Chrome & Stainless Truck Accessories

ROADMASTER

LUG NUT COVER PULLERS
Part No. 100, Standard puller - 1½".
Part No. 100CD, Standard puller - 1½", carded.
Part No. 101, Adjustable puller - 7/8" to 1½".
Part No. 101CD, Adjustable puller - 7/8" to 1½", carded.

100



101

LUG NUT COVERS — CHROME PLATED PLASTIC
Part No. 104P, 1½"; with flange.
Part No. 110P, 1½"; no flange.
Part No. 111P, 33 mm; with flange.

LUG NUT COVERS — CHROME PLATED STEEL — STANDARD
Part No. 105, 1½" across flats.
Part No. 105-10, Card of 10, #105.
Part No. 107, 1½" across flats c/w blue reflector.
Part No. 108, 1½" across flats c/w amber reflector.
Part No. 109, 1½" across flats c/w red reflector.
Part No. 110, 1½" across flats; 2" high.
Part No. 110-10, Card of 10, #110.
Part No. 115, 1¼" across flats.
Part No. 120, 1-1/8" across flats.
Part No. 125, 1-1/16" across flats.
Part No. 126, 1" across flats.
Part No. 130, 15/16" across flats.
Part No. 131, 7/8" across flats.
Part No. 135, 3/4" across flats.
Part No. 140, 11/16" across flats.
Part No. 145, 5/8" across flats.
Part No. 150, 9/16"across flats.
Part No. 155, 1/2" across flats.
Part No. 185, 7/16" across flats.

105

107/108/109

110

115

LUG NUT COVERS — CHROME PLATED STEEL — FLANGED

Part No. 104, 1½"; with flange.
Part No. 111, 33 mm; with flange.
Part No. 111-10, Card of 10, #111.
Part No. 136, 3/4"; with flange.

LUG NUT COVERS — STAINLESS STEEL — STANDARD

Part No. 105S, 1½" across flats.
Part No. 105S-10, Card of 10, #105S.
Part No. 110S, 1½" across flats; 2" high.
Part No. 110S-10, Card of 10, #110S.

105S

110S

LUG NUT COVERS — STAINLESS STEEL — FLANGED

Part No. 111S, 33 mm; with flange.
Part No. 111S-10, Card of 10, #111S.

FRONT HUB CAPS — CHROME PLATED STEEL

Part No. 200, Fits 8-23/32" bore; c/w clips.
Part No. 203, Fits 8-23/32" bore; c/w 4 notches.
Part No. 204, Fits 8-23/32" bore; c/w 5 notches.
Part No. 208, Fits 8-23/32" bore; c/w 6 notches, 3/8" mounting lip (fits most 4, 5, or 6 notch locators).

200

203

208

FRONT HUB CAPS — STAINLESS STEEL

Part No. 200S, Fits 8-23/32" bore; c/w clips.
Part No. 203S, Fits 8-23/32" bore; c/w 4 notches.
Part No. 204S, Fits 8-23/32" bore; c/w 5 notches.
Part No. 208S, Fits 8-23/32" bore; c/w 6 notches, 3/8" mounting lip (fits most 4, 5, or 6 notch locators).

200S

203S

208S

HUB CAP CLIPS

Part No. 201, Pack of 4, spring steel hub cap clips.

REAR HUB CAPS — CHROME PLATED STEEL

Part No. 300, Fits 7¼" axles with either (12) 1/2" or (8) 9/16" studs.
Part No. 305, Same as #300, except with hole for hubodometer applications.
Part No. 310, Fits 8½" axles with (8) 5/8" studs.
Part No. 320, Fits 8½" axles with (8) 3/4" studs.
Part No. 325, Same as #320, except with hole for hubodometer applications.

300

305

REAR HUB CAPS — STAINLESS STEEL

Part No. 300S, Fits 7¼" axles with either (12) 1/2" or (8) 9/16" studs.
Part No. 310S, Fits 8½" axles with (8) 5/8" studs.
Part No. 320S, Fits 8½" axles with (8) 3/4" studs.

TRAILER HUB CAPS — CHROME PLATED STEEL

Part No. 330, Trailer hub cap c/w clips.
Part No. 335, Pack of 3 trailer hub cap clips.

330

REAR AXLE COVERS — CHROME — TOP HAT STYLE

Part No. 340, 3 piece axle cover for steel wheels.
Part No. 341, 3 piece axle cover for aluminum wheels.
Part No. 345, 2 piece axle cover for steel wheels.
Part No. 346, 2 piece axle cover for aluminum wheels.

340/341

345/346

LICENSE PLATE FRAMES — CHROME

Part No. 420, License plate frame.
Part No. 425, Deluxe license plate frame.
Part No. 400, Decorative bullet nut c/w stud, nut and washers.
Part No. 400CD, Card of 4, #400.
Part No. 405, Mini acorn hex nuts c/w stud, nut and washers.
Part No. 405CD, Card of 4, #405.

420

400

425

405

LICENSE PLATE HOLDERS — CHROME

Part No. 435, Heavy duty 2 plate holder.
Part No. 440, Heavy duty 3 plate holder.

435

440

STEEL HORN COVERS — CHROME

Part No. 500, Fits 5½" - 6" bell.
Part No. 500CD, Fits 5½" - 6" bell, carded.
Part No. 505, Fits 6½" - 7" bell.
Part No. 505CD, Fits 6½" - 7" bell, carded.
Part No. 510, Fits 7¼" - 7½" bell.
Part No. 510CD, Fits 7¼" - 7½" bell, carded.
Part No. 515, Fits 7¾" - 8" bell.
Part No. 515CD, Fits 7¾" - 8" bell, carded.

STEEL HORN COVERS — STAINLESS

Part No. 516S, 4-5/8" x 7-3/8" rectangular.
Part No. 516SCD, 4-5/8" x 7-3/8" rectangular, carded.

Chrome & Stainless Truck Accessories

ROADMASTER

MUDFLAP TOP & BOTTOM PLATES — PLAIN & LOGO — CHROME

Part No. 605, Top plate, 2"W x 24"L c/w welded studs.
Part No. 615, Bottom plate, 4"W x 24"L c/w welded studs.
Part No. 621*, Bottom plate, 4"W x 24"L, "Western Star" script.
Part No. 630*, Bottom plate, 4"W x 24"L, "Freightliner" script.
Part No. 634*, Bottom plate, 4"W x 24"L, "Mack" script.
Part No. 635*, Bottom plate, 4"W x 24"L, "International" script.
Part No. 636*, Bottom plate, 4"W x 24"L, sitting girl cut-outs.
*c/w welded studs

605

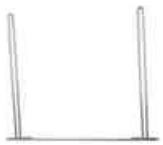
615

621

630

ANTI-SAIL BRACKETS — CHROME

Part No. 640, 21"W x 24"L mud flap hold-down.



CLEARANCE LENS GUARDS — ZINC CHROME

Part No. 800, Clearance light lens guard.

LIGHT GROMMET COVERS — STAINLESS STEEL

Part No. 803S, 2" round bezel c/w screws.
Part No. 803SCD, 2" round bezel c/w screws, carded.
Part No. 804S, 2½" round bezel c/w screws.
Part No. 804SCD, 2½" round bezel, c/w screws, carded.
Part No. 805S, 4" round bezel, c/w screws.
Part No. 805SCD, 4" round bezel, c/w screws, carded.
Part No. 807S, 7¾" x 3½" oval bezel c/w screws.
Part No. 807SCD, 7¾" x 3½" oval bezel c/w screws, carded.

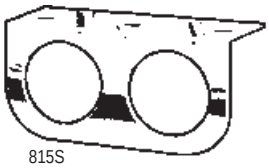
803S

807S

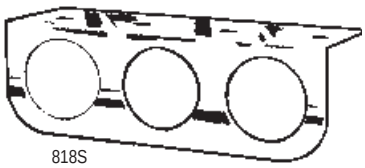
4" ROUND SEALED LIGHT BRACKETS — STAINLESS STEEL

Part No. 812S, Single light bracket.
Part No. 815S, Double light bracket.
Part No. 818S, Triple light bracket.

812S



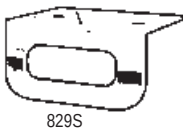
815S



818S

OVAL SEALED LIGHT BRACKETS — STAINLESS STEEL

Part No. 829S, Single light bracket.
Part No. 831S, Double light bracket.
Part No. 834S, Triple light bracket.



829S

834S

HEADLIGHT VISORS — STAINLESS STEEL

Part No. 853S, Rectangular headlight visor fits H6052, 6052, and 6054 sealed beams.
Part No. 856S, Rectangular full square visor for dual light applications.

853S

856S

HEADLIGHT SHIELDS — CHROME

Part No. 859, Rectangular headlight shield fits 4651 and 4652 sealed beams.

LIGHTS — CHROME HOUSING

Part No. 1866CD, Blue spot anti-glare light.
Part No. 1873A, Amber Honda light, 1-1/8" short neck.
Part No. 1874A, Amber Honda light, 2-1/8" long neck.

1866CD

1873A

1874A

MISCELLANEOUS ACCESSORIES

Part No. 740, Chrome 2" quarter fender plug.
Part No. 798-1, 1 piece aluminum top deck plate.
Part No. 798-2, 2 piece aluminum top deck plate.
Part No. 798-3, 3 piece aluminum top deck plate.
Part No. 950, Chrome lightning bolt - 19" x 3".
Part No. 951, Chrome mini lightning bolt - 9½" x 1".
Part No. 955, Chrome 3" star.
Part No. 956, Chrome 2" star.
Part No. 2103BLK, Black 30" vinyl shifter boot.
Part No. 2103BLU, Blue 30" vinyl shifter boot.
Part No. 2103BRW, Brown 30" vinyl shifter boot.
Part No. 2103GRY, Grey 30" vinyl shifter boot.
Part No. 2103MAR, Maroon 30" vinyl shifter boot.
Part No. 2103TAN, Tan 30" vinyl shifter boot.
Part No. 2205, 60" air blow gun kit.
Part No. 2207, 50 ft. air blow gun kit.
Part No. 3005, Chrome 30" 5th wheel pin puller.

740

798-1

955/956

950/951

2103-

2205

2207

3005

TECTRAN
Wheel-Check™ Loose Wheel Nut Indicators

WHEEL-CHECK™ LOOSE WHEEL NUT INDICATORS

Provides a simple visual means of confirming proper wheel torque in seconds while reducing the risk of wheel detachment accidents and resulting load damage. Temperature sensitive polymer detects bearing or brake overheating problems by deforming at temperatures above 120°C/250°F. Withstands extreme cold temperatures (-75°C/-100°F) without cracking and is resistant to highway and cleaning chemicals.

Installed by pointing in a uniform clockwise direction after ensuring proper wheel torque. A Wheel-Check™ will rotate counter clockwise if wheel nut loses torque giving a visual indication. Bright yellow Wheel-Checks™ are visible at night and in dirty or muddy conditions while red Wheel-Torque™ are used to replace the Wheel-Check™ which indicates nut loosening to identify nut which needs re-torquing.

WHEEL-CHECK™ PART NO. (High Visibility Yellow)	WHEEL-TORQUE™ PART NO. (Red Torque Identifier)	NUT SIZE		TYPICAL APPLICATIONS
		INCHES	mm	
WCH04	WTR04	7/8	22.0	Smaller courier and GMC flange cap or flat nut
WCH12	WTR12	1	25.0	Curb side courier units
WCH16	WTR16	27/32"	20.8	Ford 350, 450, 550
WCH05	WTR05	1-1/16	27.0	School buses and Ford tapered nut
WCH06	WTR06	1-1/8	28.0	Inverted flange
WCH13	WTR13	1-3/16"	30.0	GMC 4500, 5500 trucks
WCH07	WTR07	1-1/4	31.0	Heavy duty trailers - spoke wheel
WCH03	WTR03	1-5/16	33.0	Budd uni-mount
WCH01	WTR01	1-1/2	37.5	Older tapered cap nut
WCH02	WTR02	1-1/2	38.1	Motor wheel 8 stud hub piloted wheel and cone locknut
WCH09	WTR09	1-9/16	40.5	Hino and Isuzu trucks
WCH11	WTR11	1-3/4	44.0	Construction and off road vehicles
WCH15*	—	13/16	20.5	Dodge 1 ton; Ford vans

*WCH15 is a pack of 20.

DOCAP
Brake Lines

DOUBLE WALLED STEEL HYDRAULIC BRAKE LINES

Standard UNC fittings. Both ends are double flared with fittings attached. These ready-to-install steel lines provide replacements for hydraulic systems and bend easily to service gas, oil, and vacuum lines on all late model cars, buses, and tractors.

LENGTH	3/16" PART NO.	1/4" PART NO.	5/16" PART NO.	3/8" PART NO.
8"	500-308	500-408	-	-
12"	500-312	500-412	500-512	500-612
20"	500-320	500-420	500-520	500-620
30"	500-330	500-430	500-530	500-630
40"	500-340	500-440	500-540	500-640
51"	500-351	500-451	500-551	500-651
60"	500-360	500-460	500-560	500-660
72"	500-372	500-472	500-572	500-672

DOUBLE WALLED STEEL ARMOURED HYDRAULIC BRAKE LINES

Standard UNC fittings. Both ends are double flared with fittings attached. These steel brake lines have a .046 diameter carbon galvanized wire which is wound around the entire length to afford maximum protection from road hazards, flying stones, and road chips. Can be formed without bending tools. Adds increased safety protection.

LENGTH	3/16" PART NO.	1/4" PART NO.	5/16" PART NO.	3/8" PART NO.
12"	501-312	501-412	501-512	501-612
20"	501-320	501-420	501-520	501-620
30"	501-330	501-430	501-530	501-630
40"	501-340	501-440	501-540	501-640
51"	501-351	501-451	501-551	501-651
60"	501-360	501-460	501-560	501-660
72"	501-372	501-472	501-572	501-672

DOCAP

Tire Patches

STANDARD TUBE & TUBELESS TIRE REPAIRS

These patches seal punctures and cuts in tubes as well as punctures in all types of tubeless tires. These repairs feature a feather edge design to prevent chafing. They vulcanize with road heat and also chemically when used with all-purpose cement. (SV8 or SV32)

PART NO.	DESCRIPTION	BOX QTY.
RB40D	Round, 1-9/16"	40
RB30D	Round, 2-1/8"	30
RB20D	Round, 3-1/8"	20
OB30D	Oval, 1-7/16" x 2¼"	30
OB25D	Oval, 1-7/8" x 3¾"	20

ROUND REINFORCED UNIVERSAL RADIAL/BIAS REPAIRS

Double rubber reinforced and designed to seal most nail-hole sized injuries up to 1/4" in radial or bias ply tires. These are suitable for round puncture injuries and may be used on tubes and all types of tubeless tires. Round Reinforced vulcanize with road heat and chemically when used with all-purpose cement (SV8 or SV32) and were developed for use on any repairable area of the tire (centre tread, shoulder, or sidewall).

PART NO.	DESCRIPTION	BOX QTY.
WR0	Round, 1-9/16"	35
WR4	Round, 2-1/8"	30
WR5	Round, 3-1/8"	18

ALL RUBBER "PATCH-N-PLUG" QUILL TYPE COMBINATION REPAIRS

Combination repairs with attached plugs fill the injury, seal the inner liner, and effect a perfect repair all in one step. Designed to provide multi-directional repairs and can be used on any repairable area of radial or bias-ply tires. Metal quill protects plug from steel belts during installation, and simplifies pulling the plug through the injury. It is made of a one-piece construction and vulcanizes from road heat and chemically when used with all-purpose cement. (SV8 or SV32)

PART NO.	DESCRIPTION	BOX QTY.
Q6	Round, 2"; 1/4" stem	24

"EZY-SEAL" BLACK TIRE REPAIR CORD

Considered the industry standard for 30 years. Each cord can fill injuries up to 1/4". More than one cord may be inserted simultaneously for larger injuries when used with a back-up patch. For extra large injuries, use extra thick repairs, and use all cords with closed-eye inserting tools. 10-strip packet.

PART NO.	DESCRIPTION	BOX QTY.
WS9R	7¼" standard; 1/4" injury	50 packets
WS12R	7¼" extra-thick; 3/8" injury	50 packets
WS50TR	12" standard; 3/8" injury	50 packets

ROUND/OVAL CORD-REINFORCED RADIAL REPAIRS

Radial tire repairs only. High tensile polyester cords provide maximum strength and exceptional flexibility. A directional "bead arrow" is printed on each repair to ensure proper orientation. Round and oval repairs are designed for centre tread punctures and sidewall injuries. Vulcanization occurs from road heat and chemically when used with all-purpose cement. (SV8 or SV32)

PART NO.	DESCRIPTION	BOX QTY.
RC218	Round, 2-1/8"	25
RC318	Round, 3-1/8"	15
WR1	Oval, 1¾" x 3"	20
WR2	Oval, 2-3/8" x 4"	10

"NU-FLEX" CORD-REINFORCED BIAS PLY REPAIRS

Polyester cord-reinforced repairs provide a strong, flexible, lightweight repair. Their unique 77° polyester cord construction allows them to be located nearer the bead area. Vulcanization occurs from road heat and chemically when used with all-purpose cement. (SV8 or SV32)

PART NO.	DESCRIPTION	BOX QTY.
F11	3-ply, 4½" x 5½"	10
F12	3-ply, 5½" x 7¼"	12
F14	4-ply, 8-1/8" x 10-1/8"	12

"QUICK WELD" BROWN HEAVY DUTY SELF-VULCANIZING TIRE REPAIR CORD

Recognized as the finest outside repair for radial and/or conventional tires. This self-vulcanizing repair installs quickly and easily, and is made of twisted cords permeated with a formulated cement and specially compounded butyl rubber. It is semi-cured for fast road heat-induced vulcanization. 4" string is designed for passenger cars and light trucks — and the 8" string designed for heavier multi-ply tires.

PART NO.	DESCRIPTION	BOX QTY.
ST1933	4" brown string, 1/4" injury	60
ST1934	8" brown string, 1/4" injury	30

TS-L..... 2 oz. jar Gel Plug Lubricant

TS60K Deluxe Heavy Duty Kit contains: •(60) 4" "Quick-Weld" brown heavy duty repair cord •TS-T heavy duty chrome T-handle slot eye inserting tool •TS-PRB heavy duty chrome T-handle spiral probe •TS-L plug lubricant •razor blade

SELF-VULCANIZING CEMENT

•Complete with brush applicator
Part No. SV8, 8 oz.
Part No. SV32, 32 oz.

BLACK BEAD SEALER

•Complete with brush applicator •32 oz.
Part No. BS32.

REDI-BUFF CLEANER/BUFFER

•Liquid cleaner/buffer with squirt top •32 oz.
Part No. BU32.

INSERTING TOOLS — SLOT (SPLIT EYE)

Part No. TS-T, Solid steel chrome plated T-handle with 3" replaceable needle (Allen wrench included).
Part No. WRN35, 3½" replacement needle for #TS-T.
Part No. WRN45, 4½" replacement needle for #TS-T.

Part No. SEPG, Plastic pistol grip handle with non-replaceable needle.

SEPG/CEPG

INSERTING TOOLS — CLOSED EYE

Part No. CEPG, Plastic pistol grip handle with non-replaceable needle.
Part No. CE7, Heavy duty screwdriver type handle with non-replaceable needle.

SPIRAL PROBE TOOL

Part No. TS-PRB, Solid steel chrome plated T-handle spiral probe with replaceable probe (Allen wrench included).
Part No. PRBR, Replacement spiral probe for #TS-PRB.
Part No. SPPG, Plastic pistol grip handle spiral probe with non-replaceable probe.

MISCELLANEOUS TOOLS & CRAYONS

Part No. P150, Rasp/probe tool. Heavy duty screwdriver type handle barbed rasp with non-replaceable rasp.
Part No. 110B, Patch stitcher tool. Professional ball bearing stitcher with wooden handle.
Part No. WB12, White paint stick, 12/box.
Part No. YC12, Yellow marking crayon, 12/box.

YC12/WB12

BICYCLE TUBE FOIL BACKED REPAIR KIT
Camel Cold Patches are easy to use, inexpensive, and a permanent method to repair inner tubes. Cold patches are not for use in tubeless tires.
This handy kit easily fits in pocket. Contains foil backed patches, .25 oz. cement, abrasive paper and directions. Moisture resistant plastic case.
Part No. 11-004.

SUPER-GRIP EMERGENCY TIRE REPAIR KIT
Contains the most popular Super-Grip probe, open-eye tool, .30 fl. oz. Universal Cement and 5 radial inserts. For all bias ply and non-speed rated radial tires.
Part No. 15-162.

Refill kit contains 5 refill strips and .30 fl. oz. Universal Cement.
Part No. 15-164.

15-164

D-I-Y EMERGENCY REPAIR KIT
A popular kit containing #15-172 and #15-174 screwdriver type tools. For all bias ply and non-speed rated radial tires.
Part No. 15-163.

Refill kit contains 5 refill strips and .30 fl. oz. Universal Cement.
Part No. 15-164.

15-164

EMERGENCY REPAIR RADIAL TIRE KIT
This handy kit easily fits in the glove box of any car. Contains 10 repair strings and a closed-eye needle. Not for speed rated radial tires.
Part No. 15-165.

RADIAL INSERT
4". For most auto and light truck radial tire emergency repairs.
Part No. 15-184.

7" STRING REPAIR
For bias ply and tubeless tire emergency repairs.
Part No. 15-206.

7½" STRING REPAIR
Heavy duty string type repair for bias ply and radial tire nail hole emergency repairs.
Part No. 15-207.

STEEL BELTED RADIAL INSERTS
For emergency repair.
Part No. 15-280, 4".
Part No. 15-281, 7", for truck tires.

SUPER-GRIP OPEN-EYE NEEDLE
Part No. 15-224.

SUPER-GRIP TIRE PROBE
Part No. 15-225.

UNIVERSAL CEMENT
Part No. 12-077, 2 fl. oz. tube.
Part No. 12-085, 4 fl. oz. can.
Part No. 12-086, 8 fl. oz. can.

BEAD SEALER
Quart can with brush in cap. Prevents bead leaks and eases tire installation.
Part No. 12-090.

LIQUID BUFFER/CLEANER
Non-flammable. Quart can with "squirt top". Used to clean rubber so patches will adhere properly. Use prior to all power buffing.
Part No. 12-092.

CAM-CURE® HEAVY DUTY CEMENT
Non-flammable. 8 fl. oz. can.
Part No. 12-087.

TIRE SEALANT
16 fl. oz. squeeze bottle is just the right amount for lawn tractors, golf carts, trailers, and ATVs.
Part No. 12-079.

"STUF" MOUNTING LUBRICANT
Concentrated tire mounting lubricant with rust inhibitor. 8 lb. pail makes 5 gallons when mixed with warm water. Stops rubber squeaks, easy to use, and safe.
Part No. 12-095.

Cotton Swab Applicator.
Part No. 17-295.

ROUND FOIL BACKED REPAIR PATCHES
Used for repairing tubes and tires where fabric reinforcement is not required. Repair units feature a foil backing that keeps the repair fresh. Conveniently packed. For best results use with #12-087 Cam-Cure® Cement.
Part No. 14-400, 1¼" round.
Part No. 14-401, 1½" round.
Part No. 14-402, 1¾" round.
Part No. 14-403, 2-1/8" round.
Part No. 14-404, 3-1/8" round.

RADIAL PATCHES
Used for nail hole injuries in auto and light truck tires. Heavier construction than Chembond® patches. Utilize buffer cleaner and Universal Cement for a strong repair.
Part No. 14-137, 2¼" small round.
Part No. 14-139, 3¼" medium round.
Part No. 14-140, 4-1/8" large round.

Tire Repair Products

CHEMBOND® TUBE AND BIAS PLY PATCHES

These world famous patches are available in two shapes and six sizes. Pure rubber flows into the injury. May be applied with Universal Cement or an electric vulcanizer.
Part No. 14-152, 1-5/8" small round.
Part No. 14-153, 2¼" medium round.
Part No. 14-154, 3-1/8" large round.
Part No. 14-157, 1½" x 2½" small oval.
Part No. 14-158, 1-7/8" x 3-7/8" medium oval.
Part No. 14-159, 2-5/8" x 5¾" large oval.

REINFORCED UNITIZED BOOTS

Right angle cord construction uses high tensile cords for strength. Won't dry out or self-cure. May be used with cement or a spotter. Not for use on tubeless tires.
Part No. 13-102, Nail hole, 3¼", 2 ply.
Part No. 13-103, Small, 4½", 2 ply.
Part No. 13-105, Medium, 6", 2 ply.
Part No. 13-106, Medium/large, 7-3/8", 3 ply.
Part No. 13-107, Large, 8¾", 4 ply.

PLUG-N-PATCH FOR RADIAL & BIAS PLY TIRES

Will repair tires with nail hole injuries in the crown or sidewall including speed rated radial tires. For auto and truck. Designed with molded in straight pin.
Part No. 15-295, Small Round.
Part No. 15-296, Medium Round.
Part No. 15-297, Large Round.

REPAIR KITS

Contains patches, .30 fl. oz. cement and buffer.
Part No. 14-132, Tire Repair Kit. For D-I-Y radial repairs.
Part No. 14-130, Tube Repair Kit. For tire and tube repairs.

14-132

14-130

CAM-CURE® RADIAL REPAIR UNITS

For radial tires only.
Part No. 13-310, 2¼" x 3", 1 ply.
Part No. 13-312, 2¾" x 4½", 2 ply.
Part No. 13-320, 3" x 4-1/8", 2 ply.

HEAVY DUTY TRUCK TIRE EMERGENCY REPAIR KIT

Contains everything needed for emergency repairs on the largest truck tires. Contains heavy duty all steel split-eye T-handle tools with Sheffield steel shaft. 8" spiral cement tool, 2 oz. tube of Universal Cement and 15 heavy duty inserts. All packed in a heavy reclosable vinyl pouch.
Part No. 15-282.

DEALER KIT

Contains the most popular T-handle tools, 1/4 pint of cement and two boxes of #15-184 radial repairs. Box keeps tools organized, with reclosable lid.
Part No. 15-189.

NEEDLES & PROBES

Part No. 15-172, Open-eye repair needle, for D-I-Y use.
Part No. 15-174, Probe for tire repair, for D-I-Y use.
Part No. 15-227, Super-Grip split-eye needle, for professional use.
Part No. 15-231, Heavy duty truck needle, for professional use.
Part No. 15-230, Replacement shaft for #15-231.
Part No. 15-232, Spiral grip cement needle, for professional use.

15-172

15-227

15-231

BUFFERS & STITCHERS

Part No. 17-237, Combination buffer/stitcher.
Part No. 17-244, Professional stitcher, 1/16" face x 1½" diameter. Ball bearing stitcher with hardened steel wheel and varnished wooden handle.
Part No. 17-245, Same as #17-244, except 1/4" face x 1½" diameter.

17-237

17-244

LETTERING STICKS & CRAYONS

Part No. 17-235, Tire lettering stick. Restores the white on hollow and raised letters on tires.
Part No. 17-236, Yellow tire marking crayon.
Part No. 17-253, Box of 12, yellow tire marking crayons.

17-235

17-253

BUFFING CONES

Part No. 18-259, Heavy duty automotive buffing cone. 2-1/2" diameter, maximum speed 25,000 RPM.
Part No. 18-260, Standard automotive buffing cone. 2" diameter, maximum speed 25,000 RPM.
Part No. 18-146, Adapter. 1-11/16" x 3/8" - 26 FPT. Contains two washers and one nut for tools with 3/8" arbor hole.

Gregg Distributors Ltd. carries the complete Camel Tire Repair Products line. Please ask for more information on any products you may be interested in.

Automotive & Heavy Duty Fleet Products

WRANGLER SEAT COVERS

Cool in summer and warm in winter. Form-fit wraparound design multidirectional stretch fabric molds to the contours of the seat.
•Wear resistant fabrics
•Centre armrest/console is covered in most applications
•Machine washable (drip dry)
•Available in black, brown, grey, navy, wine

We carry a very large variety of seat covers from FIA. Please ask us for further details on your specific application requirements.

Features SUPER GRIP® slip resistant fastening system. Engineered to provide original equipment installation in minutes. It's simple — no tools are needed. Multi-directional stretch polyester trim molds the seat cover to the contours of the seat. Velcro fasteners and a belt and buckle tightening system are the finishing touches that grip the cover to the seat.

AUTHENTIC WOVEN SADDLE BLANKET FABRIC
WRANGLER

OE 30 SERIES (ORIGINAL EQUIPMENT FABRIC) CUSTOM FIT TRUCK SEAT COVERS

Cool in summer and warm in winter. Advanced design creates a dynamic state of the art custom interior. For most pick-up trucks, minivans and SUV's
•Foam padded back supports for added comfort
•Foam fit wrap around design - multi-directional stretch trim molds to the contours of the seat
•Highly durable, abrasion resistant original equipment (OE) fabrics
•All fabrics are washable, lightfast, colourfast and flame resistant
•Colours:
Taupe (Taupe - centre panel/ Mocha - side panel)
Grey (Light grey - centre panel/ Dark grey - side panel)

HEAVY DUTY DELUXE WINTER FRONT & BUG SCREEN — NO DRILL INSTALLATION

Attaches with snap-on domes (no drilling). Just apply "Stick a Stud"™ fasteners to the vehicle and snap on Bug Screen or Winter Front. Custom fit for most pick-ups, sport utility vehicles and mini-vans. Black.
Winter Front: •Promotes better fuel economy •Promotes faster engine warm-up and interior heat •Keeps diesel engines at optimum operating temperatures •All weather heavy duty quilted vinyl •Adjustable air flow doors
Bug Screen: •Interchanges with winter front in the summer •Protects radiator and grille from bugs and stones •Tear resistant heavy mesh screen

We carry a large variety of Winter Fronts/Bug Screens by FIA. Please consult a Gregg Distributors representative for information on the right unit for you.

BT1000 SERIES BIG TRUCK WINTER FRONT & SUMMER BUG SCREEN

Multi-positional openings for precise temperature control. •Promotes better mileage and warmer cabs •Quilted and custom fit •Snaps on with dome fasteners — NO DRILL installation with "Stick a Stud"™ fasteners •Heavy duty vinyl, flexible to -40°C •Interchangeable fibreglass bug screen
•Please ask for ordering information

NORSEMAN PRODUCTS

Tarps, Cat Curtains, & Accessories

CAT CURTAINS

Keep your equipment operating in severe winter conditions. These Norseman Cat Curtains come in three widths with brass grommets installed every 24" along both sides to fit all models of equipment. Waterproof and rot resistant. 14.7 oz. per sq. yard.

Part No. 386878RL, 100 ft. roll, 32" finished size cat curtain.
Part No. 386878FT, 32" finished size cat curtain. Sold by the foot.

Part No. 386879RL, 100 ft. roll, 36" finished size cat curtain.
Part No. 386879FT, 36" finished size cat curtain. Sold by the foot.

Part No. 386880RL, 100 ft. roll, 44" finished size cat curtain.
Part No. 386880FT, 44" finished size cat curtain. Sold by the foot.

Cat Curtains

CANVAS BELLY TARP

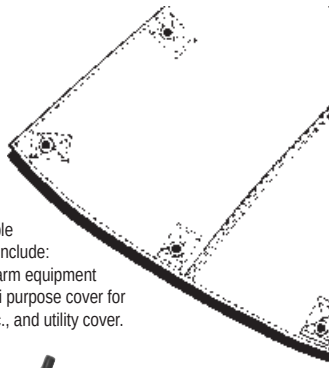
4 ft. x 9 ft. cut size canvas belly tarp. 20 oz. per sq. yard, 2½" hem. Brass grommets every 12". Waterproof and rot resistant.
Part No. 386872.

ACCESSORIES

Part No. 385951, #2 plain brass grommet
Part No. 385220, #2 plain brass washer
Part No. 385221, #2 grommet tool

DELUXE CANVAS FARM TRUCK & UTILITY TARPS

Part No. 386776, 5 ft. 9" x 7 ft. 10" finished size deluxe canvas tarpaulin (6 ft. x 8 ft.).
Part No. 386777, 6 ft. 10" x 8 ft. 7" finished size deluxe canvas tarpaulin (7 ft. x 9 ft.).
Part No. 386778, 7 ft. 8" x 9 ft. 6" finished size deluxe canvas tarpaulin (8 ft. x 10 ft.).
Part No. 386779, 7 ft. 8" x 11 ft. 6" finished size deluxe canvas tarpaulin (8 ft. x 12 ft.).
Part No. 386780, 9 ft. 6" x 11 ft. 6" finished size deluxe canvas tarpaulin (10 ft. x 12 ft.).
Part No. 386781, 9 ft. 6" x 13 ft. 8" finished size deluxe canvas tarpaulin (10 ft. x 14 ft.).
Part No. 386782, 9 ft. 6" x 15 ft. 8" finished size deluxe canvas tarpaulin (10 ft. x 16 ft.).
Part No. 386783, 9 ft. 6" x 17 ft. 8" finished size deluxe canvas tarpaulin (10 ft. x 18 ft.).
Part No. 386784, 11 ft. 6" x 13 ft. 8" finished size deluxe canvas tarpaulin (12 ft. x 14 ft.).
Part No. 386785, 11 ft. 6" x 17 ft. 8" finished size deluxe canvas tarpaulin (12 ft. x 18 ft.).
Part No. 386786, 13 ft. 6" x 15 ft. 8" finished size deluxe canvas tarpaulin (14 ft. x 16 ft.).



First grade tarpaulin duck. Water and mildew resistant. Features a No Rip Grommet System (stronger than roped hems). Triple stitched seams. Uses include: farm truck tarpaulins, farm equipment and vehicle cover, multi purpose cover for fertilizer, chemicals, etc., and utility cover.

PROCORE

All Season Plus Wiper Blades

High Quality Wiper Blades:
•Individually blister packed •Includes universal adapters to fit most vehicles •All metal rivet type frame
•Strong bridge with end cover •Unique rubber compound for improved durability and closer window contact

Part No. 40-0011, 11".
Part No. 40-0012, 12".
Part No. 40-0013, 13".
Part No. 40-0014, 14".
Part No. 40-0015, 15".
Part No. 40-0016, 16".
Part No. 40-0017, 17".
Part No. 40-0018, 18".
Part No. 40-0019, 19".
Part No. 40-0020, 20".
Part No. 40-0021, 21".
Part No. 40-0022, 22".
Part No. 40-0023, 23".
Part No. 40-0024, 24".
Part No. 40-0026, 26".

PROCORE

TRIDON®

Wiper Blades

TRIDON

ALL SEASON® PLUS WIPER BLADES

Part No. AS-11, 11".
Part No. AS-13, 13".
Part No. AS-15, 15".
Part No. AS-16, 16".
Part No. AS-17, 17".
Part No. AS-18, 18".
Part No. AS-19, 19".
Part No. AS-20, 20".
Part No. AS-21, 21".
Part No. AS-22, 22".
Part No. AS-24, 24".

METALIST® WIPER BLADES

•All metal blade frame and twin rail squeegee distributes wiper arm pressure evenly across the blade.
Part No. MW11B, 11".
Part No. MW13B, 13".
Part No. MW15B, 15".
Part No. MW16B, 16".
Part No. MW17B, 17".
Part No. MW18B, 18".
Part No. MW19B, 19".
Part No. MW20B, 20".
Part No. MW21B, 21".
Part No. MW22B, 22".
Part No. MW24B, 24".
Part No. MW26B, 26".
Part No. MW28B, 28".

SPECIAL REFILLS

Part No. AS-24T, 15" - 24" thin refill blade, 6 mm, cut to the size you need.
Part No. AS-24R, 11" - 24" regular refill blade, 8 mm, cut to the size you need.
Part No. AS-24W, 20" - 24" wide refill blade, 9 mm, cut to the size you need.

Please speak to a Gregg's representative for more information on Tridon Wiper Blades.

TRICO
A Stant Company

EXACT FIT™ WIPER BLADES

Trico Exact Fit is the first blade line to install in 10 seconds or less. The secret behind Exact Fit's fast, easy installation is that we have taken an extra step in the assembly of the blade. Exact Fit blades are manufactured to directly fit specific wiper arm types. There is no need to sort through numerous adapters or read complicated installation instructions. The wiper blade's receptor exactly matches the arm style of the vehicle. Just a snap or click and you're on your way. Note: All blade superstructures are metal except those items marked with an asterisk (*), which have plastic superstructures.

Part No. 11-1, 11" Exact Fit blade - Bayonet hook.
Part No. 11-6, 11" Exact Fit blade - Wrist action.
Part No. 12-2*, 12" Exact Fit blade - 3/16" side lock.
Part No. 13-1, 13" Exact Fit blade - Bayonet hook.
Part No. 14-1, 14" Exact Fit blade - Bayonet hook.
Part No. 14-2, 14" Exact Fit blade - 3/16" side lock.
Part No. 14-8, 14" Exact Fit blade - Pin type side lock.
Part No. 15-1, 15" Exact Fit blade - Bayonet hook.
Part No. 16-1, 16" Exact Fit blade - Bayonet/hook/pin.
Part No. 16-2, 16" Exact Fit blade - 3/16" side lock.
Part No. 16-8, 16" Exact Fit blade - Pin type side lock.
Part No. 17-1, 17" Exact Fit blade - Bayonet/hook/pin.
Part No. 17-3, 17" Exact Fit blade - 2 screw bayonet.
Part No. 18-1, 18" Exact Fit blade - Bayonet/hook/pin.
Part No. 18-2, 18" Exact Fit blade - 3/16" side lock.
Part No. 18-3, 18" Exact Fit blade - 2 screw bayonet.
Part No. 18-5*, 18" Exact Fit blade - Roc-lock.
Part No. 18-8, 18" Exact Fit blade - Pin type side lock.
Part No. 18-10, 18" Exact Fit blade - O.E. Windspoiler.
Part No. 19-1, 19" Exact Fit blade - Bayonet hook.
Part No. 19-2, 19" Exact Fit blade - 3/16" side lock.
Part No. 19-3, 19" Exact Fit blade - 2 screw bayonet.
Part No. 19-7, 19" Exact Fit blade - 3/16" side lock.
Part No. 19-9, 19" Exact Fit blade - 9x4 hook.
Part No. 19-12, 19" Exact Fit blade - Side pin.
Part No. 20-1, 20" Exact Fit blade - Hook.
Part No. 20-2, 20" Exact Fit blade - 3/16" side lock.
Part No. 20-3, 20" Exact Fit blade - 2 screw bayonet.
Part No. 20-4, 20" Exact Fit blade - 1/4" side lock.
Part No. 20-8, 20" Exact Fit blade - Pin type side lock.
Part No. 20-9, 20" Exact Fit blade - 9x4 hook.
Part No. 20-12, 20" Exact Fit blade - Side pin.
Part No. 21-1, 21" Exact Fit blade - Hook.
Part No. 21-9, 21" Exact Fit blade - 9x4 hook.
Part No. 21-12, 21" Exact Fit blade - Side pin.
Part No. 21-13, 21" Exact Fit blade - Pinch tab arms.
Part No. 22-1, 22" Exact Fit blade - Hook.
Part No. 22-4, 22" Exact Fit blade - 1/4" side lock.
Part No. 22-9, 22" Exact Fit blade - 9x4 hook.
Part No. 22-13, 22" Exact Fit blade - Pinch tab arms.
Part No. 23-1, 23" Exact Fit blade - Hook.
Part No. 23-14, 23" Exact Fit blade - Pinch tab button arms.
Part No. 24-1, 24" Exact Fit blade - Hook.
Part No. 24-4, 24" Exact Fit blade - 1/4" side lock.
Part No. 24-9, 24" Exact Fit blade - 9x4 hook.
Part No. 24-12, 24" Exact Fit blade - Side pin.
Part No. 24-13, 24" Exact Fit blade - Pinch tab arms.
Part No. 24-14, 24" Exact Fit blade - Pinch tab button arms.
Part No. 26-1, 26" Exact Fit blade - Hook.
Part No. 26-11, 26" Exact Fit blade - Slide latch arms.
Part No. 26-12, 26" Exact Fit blade - Side pin.
Part No. 28-9, 28" Exact Fit blade - 9x4 hook.
Part No. 28-12, 28" Exact Fit blade - Side pin.
Part No. 28-13, 28" Exact Fit blade - Pinch tab arms.

INNOVISION™ WIPER BLADES

The sleek, jointless design of the breakthrough Innovision blade is the future of wiper blades - in both performance and styling. Innovision provides constant, even pressure across the entire windshield for a smoother, more consistent wipe. Its revolutionary structure offers many advantages, including excellent all weather performance and reduced windlift. Innovision is the next generation of wiper technology, available today.

Part No. 14-160, 16" Innovision blade - Fits 9 mm hook type, 3/16" side lock, 7mm bayonet.
Part No. 14-170, 17" Innovision blade - Fits 9 mm hook type, 3/16" side lock, 7mm bayonet.
Part No. 14-180, 18" Innovision blade - Fits 9 mm hook type, 3/16" side lock, 7mm bayonet.
Part No. 14-190, 19" Innovision blade - Fits 9 mm hook type, 3/16" side lock, 7mm bayonet.
Part No. 14-200, 20" Innovision blade - Fits 9 mm hook type, 9 x 4 hook type, 1/4" side lock.
Part No. 14-210, 21" Innovision blade - Fits 9 mm hook type, 9 x 4 hook type.
Part No. 14-220, 22" Innovision blade - Fits 9 mm hook type, 9 x 4 hook type, 1/4" side lock.
Part No. 14-240, 24" Innovision blade - Fits 9 mm hook type, 9 x 4 hook type, 1/4" side lock.
Part No. 14-260, 26" Innovision blade - Fits 9 mm hook type, 9 x 4 hook type.
Part No. 14-280, 28" Innovision blade - Fits 9 mm hook type, 9 x 4 hook type.

NEW!!

NEOFORM BEAM BLADE with Teflon

NEOFORM™ BEAM BLADE WITH TEFLON®

Introducing NeoForm™ from TRICO®. It's the superior beam blade for the super premium category. NeoForm has the look and function of the latest OE blades, but with the value added performance of Teflon® resin. Each blade features a 'skin coating' that seals the aerodynamic spoiler to protect it from the elements for superior all weather performance.

Part No. 16-160, 16" NeoForm blade - 9 mm hook type, 3/16" side lock, 7 mm bayonet.
Part No. 16-170, 17" NeoForm blade - 9 mm hook type, 3/16" side lock, 7 mm bayonet.
Part No. 16-180, 18" NeoForm blade - 9 mm hook type, 3/16" side lock, 7 mm bayonet.
Part No. 16-190, 19" NeoForm blade - 9 mm hook type, 9 x 4 hook type, 3/16" side lock, 7 mm bayonet.
Part No. 16-1912, 19" NeoForm blade - side pin.
Part No. 16-200, 20" NeoForm blade - 9 mm hook type, 9 x 4 hook type, 1/4" side lock.
Part No. 16-2012, 20" NeoForm blade - side pin.
Part No. 16-2013, 20" NeoForm blade - pinch tab.
Part No. 16-210, 21" NeoForm blade - 9 mm hook type, 9 x 4 hook type.
Part No. 16-2112, 21" NeoForm blade - side pin.
Part No. 16-2113, 21" NeoForm blade - pinch tab.
Part No. 16-220, 22" NeoForm blade - 9 mm hook type, 9 x 4 hook type, 1/4" side lock.
Part No. 16-2213, 22" NeoForm blade - pinch tab.
Part No. 16-2314, 23" NeoForm blade - pinch tab button.
Part No. 16-240, 24" NeoForm blade - 9 mm hook type, 9 x 4 hook type, 1/4" side lock.
Part No. 16-2412, 24" NeoForm blade - side pin.
Part No. 16-2413, 24" NeoForm blade - pinch tab.
Part No. 16-2414, 24" NeoForm blade - pinch tab button.
Part No. 16-260, 26" NeoForm blade - 9 mm hook type, 9 x 4 hook type.
Part No. 16-2612, 26" NeoForm blade - side pin.
Part No. 16-2613, 26" NeoForm blade - pinch tab.
Part No. 16-280, 28" NeoForm blade - 9 mm hook type, 9 x 4 hook type.
Part No. 16-2812, 28" NeoForm blade - side pin.
Part No. 16-2813, 28" NeoForm blade - pinch tab.

Windshield Wiper Products

TEFLON® WIPER BLADES - SERIES 15

Features Teflon weatherproof blades, making them water, snow and ice repellent. Cuts friction and squeaking for a smooth, clean wipe. The Teflon blades also feature an extra thick, extra durable metal superstructure that installs easily.

Part No. 15-110, 11".
Part No. 15-130, 13".
Part No. 15-140, 14".
Part No. 15-150, 15".
Part No. 15-160, 16".
Part No. 15-170, 17".
Part No. 15-180, 18".
Part No. 15-190, 19".
Part No. 15-200, 20".
Part No. 15-210, 21".
Part No. 15-220, 22".
Part No. 15-240, 24".
Part No. 15-260, 26".
Part No. 15-280, 28".

Please ask for more information or specific application requirements.

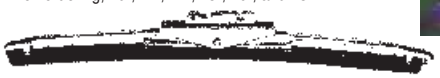
TEFLON WINTER WIPER BLADES - SERIES 37

•Pre-assembled adapter fits 95% of vehicles directly •Rubber boot helps prevent snow from clogging •Durable metal frame for longer life •Exclusive wiping edge with Teflon® resin •Distinctive blue end caps

Part No. 37-159, 15".
Part No. 37-169, 16".
Part No. 37-179, 17".
Part No. 37-189, 18".
Part No. 37-199, 19".
Part No. 37-209, 20".
Part No. 37-219, 21".
Part No. 37-229, 22".
Part No. 37-249, 24".
Part No. 37-269, 26".
Part No. 37-289, 28".

CLASSIC WIPER BLADES - SERIES 33

Feature a silver finish to resemble the original equipment blades on many of the classic American cars manufactured during the 1940's through the 1970's. Please specify size when ordering; 10", 11", 12", 15", 16", and 18".



WINTER BLADES - SERIES 37

Manufactured with a tough rubber boot and metal superstructure to resist snow and ice clogging. Please specify size when ordering; 11", 13", 15", 16", 17", 18", 19", 20", 21", 22", 24", 26", and 28".

WIPER BLADE REFILLS

Series 43 Refills for Trico and ANCO Long-Frame Metal Wiper Blades.
Please specify size when ordering; 13", 15", 16", 18", 19", 20", and 22". Sold in pairs.

Series 44 Refills for Trico blades and most Manufacturers' Plastic Wiper Blades.
Please specify size when ordering; 13", 15", 16", 17", 18", 19", 20", 22" and 24". Sold in pairs.

Series 45 Refills for Narrow Original Equipment Wiper Blades.
Please specify size when ordering; 15", 16", 17", 19", 20", 21", 22", 24" and 28".

Series 46 Refills for Trico Narrow Twin Rail International Wiper Blades with Trapezoidal claws.
Please specify size when ordering; 15", 16", 17", 18", 19", and 20".

ADJUSTABLE WINDSHIELD WIPER ARMS - SERIES 51

Adjustable wiper arms feature arm endings that allow for adjustment to the proper blade park angle.
Please specify size when ordering; 8¼" to 11¼", 11¼" to 14-5/8", and 12-3/8" to 16-3/8".

HEAVY DUTY WIPER BLADES FOR FLAT WINDSHIELDS - SERIES 61

Designed for flat windshields usually found on school buses, step vans, recreational vehicles and heavy duty trucks. Please specify size when ordering; 10", 11", 12", 13", 14", 15", 16", 17", 18", 19", 20", 21", and 22".

HEAVY DUTY WIPER BLADES FOR FLAT & CURVED WINDSHIELDS - SERIES 63 & 64

Series 63 are designed for both flat and curved windshields using heavy duty arms with less than 48 oz. of load. Series 63 feature five bar blades. Series 64 are designed for both flat and curved windshields using heavy duty arms with more than 48 oz. of load, and feature three bar blades. Please specify size when ordering; Series 63: 12", 14", 15", 16", 18", and 20"; Series 64: 16", 18", and 20".

HEAVY DUTY WIPER BLADES FOR CURVED WINDSHIELDS (FIT SIDE LOCK ARMS) - SERIES 65

Designed for curved windshields using heavy duty arms with more than 48 oz. of load.
Please specify size when ordering; 20" and 22".

HEAVY DUTY WIPER BLADES FOR CURVED WINDSHIELDS (WIDE SADDLE) - SERIES 67

Designed for wide saddle wiper arms, typically found on Class A recreational vehicles, buses, and heavy duty trucks.
Please specify size when ordering; 22", 24", 26", and 28".

HEAVY DUTY WINTER WIPER BLADES - SERIES 66

Feature a tough rubber boot that encloses a heavy duty constructed metal superstructure. For both curved and flat windshields. Please specify size when ordering; 13", 15", 18", and 20".

HEAVY DUTY WIPER BLADE REFILLS

Series 70 Refills for ANCO Heavy Duty Wiper Blades.
Please specify size when ordering; 16", 18", 20", and 26". (26" is sold as a pair).

Series 71 Refills for Trico Series 63 and 67 Wiper Blades.
Please specify size when ordering; 14", 15", 16", 18", 20", 24", 26", and 28".

Series 72 Refills for Trico Series 64 and 65 Wiper Blades.
Please specify size when ordering; 16", 18", 20", and 22".

Series 75 Refills for Trico and Dyna Wiper Blades.
Please specify size when ordering; 24", 26", and 28".

TRICO®
Windshield Wiper Products

HEAVY DUTY ADJUSTABLE WINDSHIELD WIPER ARMS - SERIES 73
Adjustable heavy duty wiper arms with silver finish and adjustable saddle.
Please specify size when ordering; 14" to 18", 12-1/2" to 16-1/2", and 10-1/4" to 14-3/4".

HEAVY DUTY EXACT FIT WINDSHIELD WIPER ARMS - O. E. STYLE - SERIES 74
Series 74 wiper arms are available in either tubular or pantograph styles, have a black finish, and are equipped with wet arm hose. Tubular wiper arms fit flat tapered shafts. Please specify application requirements when ordering.

MULT-PURPOSE & WET ARM HOSE - SERIES 91
Please specify size when ordering; Multi-Purpose Hose: 1/8", 5/16", 3/16", and 1/4" (sold in 50 ft. rolls and 90" pieces only); Wet Arm Hose: 3/32" (sold in 4 ft. and 25 ft. rolls only) and 1/8".

FUEL LINE HOSE - SERIES 92
Please specify size when ordering; 3/16", 1/4", and 5/16" (sold in 25 ft. rolls only).

SUPERPUMP UNIVERSAL WASHER PUMP
Will replace any original equipment washer pump on all domestic and import vehicles. These 12 volt domestic Superpumps are exact fit original equipment replacements. There is no cam to align or any other fitting adjustments needed. They are easy to install and come with complete instructions.
Part No. 11-100.

NOTE: O.E.M. replacement pumps are also available; please order by application.

Please ask for more information or specific application requirements.

TRU-COOL
Transmission & Engine Oil Coolers

TRU-COOL LPD® TRANSMISSION OIL COOLERS
Tru-Cool LPD is virtually the only cooler used now on OEM factory installations. These transmission oil coolers provide 30% more cooling, with 15 times less flow restriction, when compared to the less efficient tube and fin coolers. Constructed of a durable brazed aluminum, these coolers reduce the risk of a system failure as a controlled amount of fluid is allowed to bypass the stacked plate core through a self-regulating orifice. All coolers come complete with mounting hardware and an 11/32" hose barb to be used on either 5/16" or 3/8" systems without leaks or durability problems. Each can be mounted with fittings up, down, or sideways.

Part No.	Size (inches)	GVW Rating	BTU Rating	Application
LPD4451	4 x 11 x 3/4	11,500	7,500	Small cars
LPD4452	5¾ x 11 x 3/4	14,500	9,800	Small cars w/ trailers, light trucks
LPD4454	7¼ x 11 x 3/4	18,000	13,000	Vans, cars w/ trailers
LPD4490	12 x 11 x 3/4	22,000	20,000	Vans, light trucks w/ trailers
LPD4588	5¾ x 11 x 1½	19,000	14,400	Light trucks, cars
LPD4589	8 x 11 x 1½	24,000	21,000	Light trucks w/ trailers
LPD4590	11 x 11 x 1½	28,000	24,000	Trucks w/ trailers

TRU-COOL LPD® ENGINE OIL COOLER KITS
With the same quality and manufacturing as the Transmission Oil Coolers, these universal kits come complete with 10 ft. of hose, universal adapter, and mounting hardware. They will only work with spin-on filters with thread sizes: 3/4" x 16; 13/16" x 16; 1" x 12; 18 x 1.5 mm; 20 x 1.5 mm; 22 x 1.5 mm. They also can be used for transmission applications.

Part No.	Size (inches)	BTU Rating	Application
TRU4269P34	5¾ x 11 x 1½	15,000	Heavy duty V6 cars, medium duty V8 cars, compact pick-ups, minivans
TRU4269P35	8 x 11 x 1½	20,500	Heavy duty V8 cars, full size pick-ups, vans, high performance applications

Push-Pull Controls

DELUXE STANDARD-DUTY CONTROLS

Furnished with 4 types of knobs. All controls: 1-1/16" diam. knob; 3/8" - 24 thread size; 2" travel; 1/2" long mounting thread.

PART NO.	LENGTH	KNOB DESCRIPTION
35-C	5 ft.	Choke
35-T	5 ft.	Throttle
39-5	5 ft.	—
39-10	10 ft.	—

TURN-TO-LOCK CONTROL

For locking throttle controls. Four locking surfaces assure extra strength grip. All working parts made of hardened steel. Will lock any place within its travel. 2" chromium plated handle; 7/16" - 20 thread size; 3" travel; 2" long mounting thread.

PART NO.	LENGTH	DESCRIPTION
54-9	9 ft.	Locking
54-15	15 ft.	Locking
54-25	25 ft.	Locking
54-28	28 ft.	Locking

"T" HANDLE CONTROLS

For hood releases and other applications. Handle: 2" chromium plated - Casing: 3/16" galvanized wire - Thread Size: 3/8" - 24 - Inner Wire: .054" stainless steel - Mounting Thread: 1/2" long - Travel: 2".

PART NO.	LENGTH	DESCRIPTION
56	8 ft.	"T" Handle

HEAVY DUTY PUSH-PULL CONTROLS

For applications with high push-pull load. Large (2" diam.) knob and heavy plunger (3/8" diam.) withstands high working loads. Has .090" inner wire of best grade high carbon spring wire, 5/16" galvanized wire casing is covered with vinyl jacket. 1/2" - 20 thread size; 4-1/2" travel; 1-3/16" long mounting thread. Available with P.T.O. (Power Take-Off) on knob.

PART NO.	LENGTH	DESCRIPTION
57-5	5 ft.	H.D.
57-10	10 ft.	H.D.
57-15	15 ft.	H.D.
57-20	20 ft.	H.D.
57-P-5	5 ft.	H.D. 'PTO'
57-P-10	10 ft.	H.D. 'PTO'
57-P-15	15 ft.	H.D. 'PTO'
57-PL-5	5 ft.	PTO Latchlock
57-PL-10	10 ft.	PTO Latchlock
57-PL-15	15 ft.	PTO Latchlock

SELF-LOCKING VERNIER CONTROL

For heavy-duty service. Make fine adjustment by screwing 2" diameter knob in or out - fast coarse adjustment by depressing button in knob and moving in or out. Has .063" stainless steel inner wire. 5/16" wavy spring steel casing covered with vinyl jacket. 3/4" - thread size; 3-1/2" travel; 2" long mounting thread.

PART NO.	LENGTH	DESCRIPTION
58-5	5 ft.	Vernier
58-10	10 ft.	Vernier
58-15	15 ft.	Vernier
58-25	25 ft.	Vernier

FITTINGS

Part No. 61, Wire end fitting for light duty loads only. Fits all controls except No. 57.
Part No. 62, Wire end fitting for push-pull loads. Fits all types of controls.
Part No. 63, Casing clamp for clamping lower end of control casing. Fits all controls.
Part No. 64, 30 ft. roll of 3/16" O.D. galvanized wire casing.
Part No. 65, 32 ft. roll of .054" stainless steel wire.
Part No. 66, Wire end fitting for push-pull loads. Fits all types of controls except No. 57. Used with 1/8" or 1/4" thick lever. Washer is removed for use with 1/4" thick lever.
Part No. 67, 2" diameter replacement knob for No. 57 cables.

GROTE
Electric Horns

Grote
The first name in vehicle safety systems®

12 VOLT AUTOMOTIVE HORNS
•With mounting bracket •Domestic or import •High pitch or low pitch
Part No. 72100-5EA, Domestic high pitch automotive horn.
Part No. 72110-5EA, Domestic low pitch automotive horn.
Part No. 72010-5EA, Import high pitch automotive horn.
Part No. 72050-5EA, Import low pitch automotive horn.

24 VOLT HEAVY DUTY TRUCK HORNS
•With mounting bracket •Heavy duty truck and industrial high note horn
Part No. 52032EA.

FIAMM
Portable Air Horns

FIAMM

•Environmentally safe CFC free push button portable air horn meets Coast Guard requirements with a 135 dB output at one meter. In a clamshell package it is ideal for safety applications, camping, and sporting events. Available replacement cartridge fits all horns with 7/16" x 28 thread.
Part No. 65808, 8 oz. Push Button horn kit with cylinder.
Part No. 20008, 8 oz. replacement propellant cartridge.

HADLEY
Automotive Horns

SINGLE TRUMPET CHROME AIR HORN
Part No. 16-977, 29", rectangular trumpet bell.
Part No. 16-855, 22", round trumpet bell.

hadley

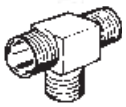
16-977

DUAL TRUMPET AIR HORN
•15½" •Black bodied and chrome plated metal
•Round trumpet bells
Part No. 16-910CA.

STAINLESS STEEL HORN COVER
•Snow and bug shield to protect your horn from the elements
Part No. 16-926, 4" bell size.
Part No. 16-927, 5" bell size.

VALVES/FITTINGS
Part No. 16-755N, Air horn valve.
Part No. 12644, Tee fitting for installing twin horns.

16-755N



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HELLA®
Horns & Automotive Accessories

HELLA®

TRIPLE TRUMPET AIR HORN KIT
•Includes compressor
Part No. 003001921.

DUAL TRUMPET AIR HORN KIT
•Includes compressor
Part No. 003001791.

INTERIOR VEHICLE FAN
•12V •2 speed switch •Soft plastic propeller c/w shield
Part No. 003361002.

Portable Equipment Service Tanks

CERTIFIED TIDY TANKS - INTERMEDIATE BULK CONTAINERS FOR THE TRANSPORTATION OF DANGEROUS GOODS

•Manufactured to CAN/CGSB-43.146-2002 •Portable service tanks designed and rigidly tested for the transportation of petroleum fuels •Transport Canada certified for diesel or gasoline •Commonly used in the logging industry and remote locations
Design Features: •Heavy 12 gauge steel •Body is one piece construction with flanged heads •All joints are of lap welded construction for added strength •Bottom skids elevate the tank off the floor •'V' type baffles provide stability •Red enamel finish
Standard Equipment: •2" aluminum fill cap •Hold down straps •Transport Canada approved pressure/vacuum device •Gate valve and suction assembly for pump

PART NO.	LITRES	DIMENSIONS
230TC	230	24"L x 29"W x 24"H
570TC	570	58"L x 29"W x 24"H (Low Profile)
580TC	580	48"L x 29"W x 29"H
750TC	750	58"L x 29"W x 29"H

NOTE: Accessories Not Included

"TIDY TANK PLUS" - DOUBLE WALL PORTABLE SERVICE TANK

•Manufactured to CAN/CGSB-43.146-2002
Design Features: •Design incorporates 110% containment of the primary tank •Each tank is labelled with a permanently fixed name plate •Containment inspection port and vent •'V' type baffles to provide stability •Red enamel finish
Standard Equipment: •2" pressure vent cap and emergency vent caps •Hold down straps

PART NO.	LITRES	DIMENSIONS
500DTC	500	48"L x 29"W x 29"H

NOTE: Accessories Not Included

"THE ORIGINAL TIDY TANK" - PORTABLE SERVICE TANKS DESIGNED FOR THE TRANSPORTATION OF DIESEL FUELS

•Commonly used in the logging industry and remote locations •Widely accepted by local authorities for refuelling at service stations
Design Features: •Heavy 12 gauge steel •Body is one piece construction with flanged heads •All joints are of lap welded construction for added strength •Bottom skids elevate the tank off the floor •'V' type baffles provide stability •Each tank is dated and sized with a permanent name plate •Red enamel finish •NOTE: Accepts 2" vent caps.

PART NO.	LITRES	DIMENSIONS
230T	230	24"L x 29"W x 24"H
320T	320	24"L x 29"W x 29"H
365T	365	38"L x 29"W x 24"H
450T	450	48"L x 29"W x 24"H

NOTE: Accessories Not Included

"L" TANKS - PORTABLE SERVICE TANKS DESIGNED FOR THE TRANSPORTATION OF DIESEL FUELS

•Commonly used in the logging and construction industry •Designed to support a tool box
Design Features: •Heavy 12 gauge steel •Body is two piece construction •All joints are of lap welded construction for added strength •Baffle to provide stability •Grey enamel finish •Hold down clips for anchoring tank •Each tank is dated and sized with a permanent name plate
Standard Equipment: •2" fill connection c/w locking clip •1" drain c/w plug

PART NO.	LITRES	DIMENSIONS
340L	340	48"L x 29"W x 25"H
410L	410	58"L x 29"W x 25"H
410LS	410	58"L x 29"W x 25"H (Short Box)

NOTE: Accessories Not Included

"OVAL TANKS"

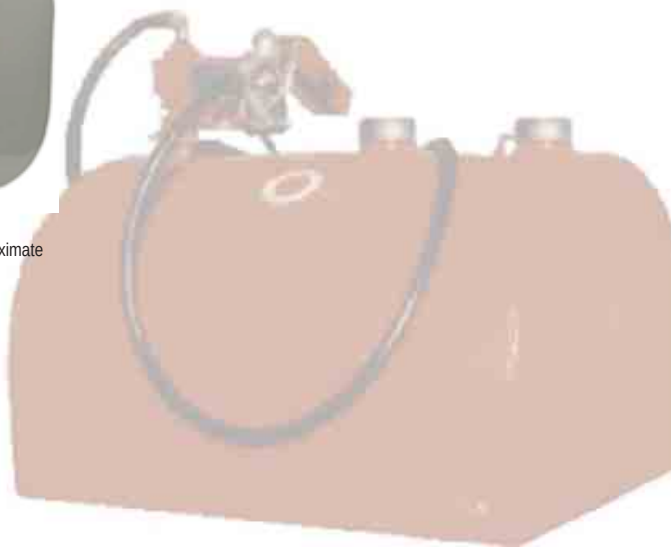
U.L.C. labelled tanks (CAN/ULC-S602-03)
Design Features: •Body is one piece construction with flanged heads •All joints are of lap welded construction for added strength •Design incorporates both Underwriter's Laboratory of Canada and most local standards •Tanks are coated with an aluminum finish

PART NO.	LITRES	DIMENSIONS
570H	570	30"L x 26"W x 50"H
900H	900	48"L x 26"W x 50"H
1140H	1140	60"L x 26"W x 50"H
1370H	1370	70"L x 26"W x 50"H

NOTE: Sizes are approximate

ACCESSORIES

Part No. GF-100, Float gauge, fits all oval tanks.
Part No. GP-100B, Replacement cap for GF-100.
Part No. HD-L, Pair of long hold down straps, fits 580TC, 750TC, 500DTC.
Part No. HD-S, Pair of short hold down straps, fits 230TC, 570TC, 230T, 320T, 365T, 450T.



"ROAD-VAULT™" ROUND TOP DESIGN

Road-Vault is the first North American manufactured tank for the transportation of flammable liquids to meet the stringent regulations listed in the CAN/CGSB-43.146-2002 Standard for this style and application of tank. TDG Regulations require these tanks for transport of flammable materials on public roads in quantities over 454 litres. Road-Vault features a fusible plug style emergency vent to provide added security against explosion in case of fire or excessive internal pressure. The vent safely releases combustible gases before they can build up to dangerous levels. •12 gauge steel construction •Internal baffles •Easy to install and remove (mounting hardware included — comes complete with 2 anchor straps and all mounting hardware) •Pumps are optional •Requires a 2" vent cap

PART NO.	LITRES	DESCRIPTION
264611	450	Road-Vault round top tank, 28"W x 24"H x 47"L
264612	591	Road-Vault round top tank, 29"W x 24"H x 60"L
264613	614	Road-Vault round top tank, 29"W x 30"H x 48"L
264614	750	Road-Vault round top tank, 29"W x 30"H x 60"L

"ROAD-VAULT™" ACCESSORIES

Part No. 264805, Mounting kit for 23" high round top tank.
Part No. 264808, Mounting kit for flat top tank.
Part No. 264809, Mounting kit for "L" shape fuel tank.

FLAT TOP DESIGN

Designed to be mounted in a pick-up truck to provide maximum fuel capacity without obstructing the driver's view. Convenient lift handles. "V" type internal baffles are provided for extra stability. Reinforced pump opening. Finished in red enamel. For diesel only.

PART NO.	LITRES	DESCRIPTION
264411	430	Flat top portable service tank, 24"W x 18"H x 60"L

ROUND TOP DESIGN

Designed for diesel fuel. Convenient lift handles. "V" type internal baffle for added stability. Reinforced pump opening. Low design will not obscure driver's view from rear window. Finished in red enamel.

PART NO.	LITRES	DESCRIPTION
264400	295	Round top portable service tank, 29"W x 23"H x 30"L

"L" SHAPE DESIGN

Allows you to mount a standard tool box over the tank making maximum use of your load space. Unrestricted visibility from the rear truck window. Tank body is of 14 gauge one piece steel construction with 12 gauge baffle and ends. Lock lugs and 2" reinforced openings for right or left hand pump mounting. Finished in red enamel. For diesel only.

PART NO.	LITRES	DESCRIPTION
264423	407	"L" shape portable service tank for long truck boxes, 29"W x 25"H x 60"L
264431	340	"L" shape portable service tank for short truck boxes, 29"W x 25"H x 48"L

OVAL FUEL OIL STORAGE TANKS

These tanks can be supplied for either vertical or horizontal mounting. They have one piece die stamped ends, which guarantee against "breathing". Supplied with lock lug. Aluminum finish. ULC rated S-602-M92. Includes 1¼" lugs for pipe leg support.

PART NO.	LITRES	DESCRIPTION
264014	682	Oval fuel oil storage tank, 23"W x 47"H x 48"L
264015	909	Oval fuel oil storage tank, 23"W x 47"H x 60"L
264016	1136	Oval fuel oil storage tank, 23"W x 47"H x 72"L

ACCESSORIES

Part No. 264139, 2" combination fill and pressure vent, locking type for L shape design.
Part No. 273521, 2½" combination fill and pressure vent, locking type for round, flat, and oval tanks.

Part No. 264031, 5" cradle - 2 required for vertical mounted tanks.
Part No. 264034, 44" measuring gauge - GF 100.

FUEL TANK CAPS

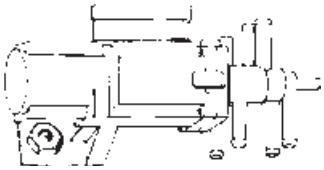
STANDARD PART NO.	LOCKING PART NO.	THREAD	MATERIAL	MALE OR FEMALE
9111	9111L	4" NPSM	Brass	Female
9118	—	2½" - 8 UN	Brass	Female
9115	9115L	2-1/8" - 12	Brass	Male
9114	9114L	2" NPSM	Brass	Female

ELECTRIC FUEL TANK VALVES

Electric valves - were developed for vehicles employing an auxiliary fuel tank. Operates with the flip of a switch when gas gauge indicates one tank is running low. Automatically shuts off gas supply from empty tank, switches on full one.
Part No. 42-151, 3 port Motor Driven Valve - for 3/8" I.D. fuel hose. (34-592 or 34-576 switch and 42-203 connector required).
Part No. 42-159, 6 port Motor Driven Valve - for 3/8" I.D. supply and 5/16" I.D. return hose. (34-592 or 34-576 switch and 42-203 connector required).

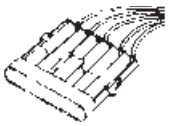
Part No. 42-201, Dash face plate for toggle switches - 'Aux - Main'.
Part No. 42-203, Motorized valve connector plug - 5 wire.
Part No. 34-576, 2 position toggle switch.
Part No. 34-592, 2 position toggle switch - reversing.

NOTE: 6 port selector valves are used where return to the carburetor is necessary.



6 port Valve

Toggle Switch & Face Plate



Valve Connector Plug

FUEL TANK VALVES

Part No. 63-G-10, 90° diesel fuel levelling valve - ½" NPT to #10 SAE
Part No. 63-G-20, 90° diesel fuel levelling valve - ½" NPT male and female
Part No. 210-CB, ¼" 3 way gas valve - 5/8" stem
Part No. 10800, ¼" 4 way gas valve - 5/8" stem
Part No. 210-CC, 3/8" 3 way gas valve - 1-3/8" stem
Part No. 10804, 3/8" 4 way gas valve - 1-3/8" stem

Fuel Levelling Valve

3 Way
Three way shut-off saddle tank valve with click - Flow from either of the two side ports to centre port, mounting bracket. All ports female P.T.

4 Way
Four way shut-off saddle tank valve with click - Flow from any one of the three side ports to bottom port, mounting bracket. All ports female P.T.

CELEBRATING 40 YEARS
1968 Gregg 2008

TRIDON Hose Clamps

TRIDON

FI SERIES

Designed to provide uniform sealing pressure required on fuel injection hose. Features special nut and bolt tightening design and solid rolled edge band.

NEW!!

PART NO.	MIN. DIA.	MAX. DIA.
FI-4	7/16"	1/2"
FI-6	1/2"	19/32"
FI-8	9/16	5/8

ET SERIES

For soft silicone hose or any other application where a flat inner band surface is required to prevent the extrusion of the hose through the notches in the band. 1/2" band, 301 stainless steel housing and band, 5/16" carbon steel screw, 7/16" stainless steel shield.

PART NO.	MIN. DIA.	MAX. DIA.
ET-8	5/8"	13/16"
ET-10	9/16	1-1/16
ET-12	11/16	1-5/16
ET-16	3/4	1-1/2
ET-20	1-3/8	1-13/16
ET-24	1-1/2	2
ET-28	1-3/4	2-1/4
ET-32	2	2-1/2
ET-36	1-13/16	2-3/4
ET-40	2-1/16	3-1/16
ET-44	2-5/16	3-1/4
ET-48	2-9/16	3-9/16
ET-56	3-1/8	4-1/16
ET-60	3-5/16	4-1/4

MH, MAH SERIES

The Tridon Micro Clamp holds tough in tight spots. Narrow and compact, it's easy to install in confined areas. 301 stainless steel housing and band, 5/16" band with 1/4" hex head screw. MH has a carbon steel screw, while the MAH offers a 410 stainless steel screw.

PART NO.	PART NO.	MIN. DIA.	MAX. DIA.
MH-4	MAH-4	7/32"	5/8"
MH-5	-	7/16	11/16
MH-6	MAH-6	5/16	7/8
MH-8	-	7/16	1
MH-10	-	1/2	1-1/16
MH-12	-	9/16	1-1/4
MH-16	-	11/16	1-1/2
MH-20	-	7/8	1-3/4
MH-24	-	1-5/16	2
MH-28	-	1-9/16	2-1/4
MH-32	-	1-13/16	2-1/2
MH-36	-	2-1/16	2-3/4

LG SERIES

Economy series. Combination 5/16 hexagon and screwdriver slotted screw. SAE 301(18-8) series stainless band. Zinc plated and chromate dip screw and housing.

PART NO.	MIN. DIA.	MAX. DIA.
LG-4	7/32	5/8
LG-6	5/16	7/8
LG-8	7/16	1
LG-10	9/16	1-1/16
LG-12	9/16	1-1/4
LG-16	11/16	1-1/2
LG-20	3/4	1-3/4
LG-24	1-1/16	2
LG-28	1-5/16	2-1/4
LG-32	1-9/16	2-1/2
LG-36	1-13/16	2-3/4

HS, HAS SERIES

Tridon's 1/2" band clamps are the workhorse of the industry, designed to meet the requirements of a wide variety of clamping situations. (Band thickness on HAS series is 0.025".) HS series has 5/16" carbon steel screw and HAS offers a 5/16" stainless steel screw.

PART NO.	PART NO.	MIN. DIA.	MAX. DIA.
HS-6	-	3/8	7/8
HS-8	HAS-8	7/16	1
HS-10	HAS-10	9/16	1-1/16
HS-12	HAS-12	9/16	1-1/4
HS-16	HAS-16	11/16	1-1/2
HS-20	HAS-20	3/4	1-3/4
HS-24	HAS-24	1-1/16	2
HS-28	HAS-28	1-5/16	2-1/4
HS-32	HAS-32	1-9/16	2-1/2
HS-36	HAS-36	1-13/16	2-3/4
HS-40	HAS-40	2-1/16	3
HS-44	HAS-44	2-5/16	3-1/4
HS-48	HAS-48	2-9/16	3-1/2
HS-52	HAS-52	2-13/16	3-3/4
HS-56	HAS-56	3-1/16	4
HS-60	HAS-60	3-5/16	4-1/4
HS-64	HAS-64	2-1/2	4-1/2
HS-72	HAS-72	3	5
HS-80	-	3-1/2	5-1/2
HS-84	HAS-84	3-3/4	5-3/4
HS-88	-	4	6
HS-96	-	4-1/2	6-1/2
HS-104	-	5	7
HS-128	-	6-1/2	8-1/2
HS-152	-	2	10
HS-188	-	2-1/6	12-1/4
HS-312	-	18	20

R. G. RAY T-Bolt & Flex Seal Band Clamps

T-BOLT PART NO.	MIN. DIA.	MAX. DIA.
650-22	1.38"	1.50"
650-23	1.44	1.56
650-24	1.50	1.62
650-25	1.56	1.68
650-26	1.62	1.75
650-27	1.69	1.81
700-27-188	1.69	1.94
700-29-200	1.81	2.06
700-33-225	2.06	2.31
700-35-238	2.19	2.50
700-37-250	2.31	2.62
700-38-256	2.38	2.69
700-39-263	2.44	2.75
700-41-275	2.56	2.87
700-43-288	2.69	3.00
700-45-300	2.81	3.12
700-47-312	2.94	3.25
700-49-325	3.06	3.37
700-53-350	3.31	3.62
700-57-375	3.56	3.87
700-58-382	3.63	3.94
700-61-400	3.81	4.12
700-65-425	4.06	4.37
700-69-450	4.31	4.62
700-73-475	4.56	4.87
700-77-500	4.81	5.12
700-81-525	5.06	5.37
700-85-550	5.31	5.62
700-89-575	5.56	5.87
700-93-600	5.81	6.12
700-97-625	6.06	6.37
700-101-650	6.31	6.62
700-105-675	6.56	6.87
700-109-700	6.81	7.12
700-113-725	7.06	7.37
700-117-750	7.31	7.62
700-121-775	7.56	7.87
700-125-800	7.81	8.12
700-129-825	8.06	8.37
700-139-888	8.69	9.19
700-170-1088	10.63	11.13
700-202-1288	12.63	13.13

T-Bolt

The R.G. Ray T-Bolt Band Clamp is designed to provide high performance clamping on heavy duty applications. Use of this clamp can eliminate the need for double clamping to secure heavy rubber hose connections on trucks, tractors, construction equipment, or wherever high reliability is needed with a minimum of maintenance. The corrosion resistant stainless steel band provides even circumferential take up.
The 650 and 700 series is the standard band clamp.

FLEX-SEAL PART NO.	MIN. DIA.	MAX. DIA.
667-40	2.50"	2.81"
667-42	2.62	2.94
667-44	2.75	3.06
667-46	2.88	3.19
667-48	3.00	3.31
667-50	3.12	3.44
667-52	3.25	3.56
667-54	3.38	3.69
667-56	3.50	3.81
667-58	3.62	3.94
667-60	3.75	4.06
667-62	3.88	4.19
667-64	4.00	4.31
667-66	4.12	4.44
667-68	4.25	4.56
667-70	4.38	4.69
667-72	4.50	4.81
667-74	4.62	4.94
667-76	4.75	5.06
667-78	4.88	5.19
667-80	5.00	5.31
667-82	5.12	5.44
667-84	5.25	5.56
667-86	5.38	5.69
667-88	5.50	5.81
667-92	5.75	6.06
667-94	5.88	6.19
667-96	6.00	6.31
667-98	6.12	6.44
667-100	6.25	6.56
667-102	6.38	6.69
667-104	6.50	6.81
667-106	6.62	6.94
667-108	6.75	7.06
667-110	6.88	7.19
667-112	7.00	7.31
667-116	7.25	7.56
667-118	7.38	7.69
667-120	7.50	7.81
667-124	7.75	8.06

Flex-Seal

The 667 series incorporates a heavy spring on the bolt before the hex nut that allows, once the clamp is tightened, for a constant pressure on the hose, thus eliminating the 'settling effect' and any possible leakage.

CIRCLE Clamps

PART NO.	INSIDE DIAMETER	REFERENCE NUMBER*
CC-02-1/2	5/32"	4.1
CC-02-3/4	11/64"	4.5
CC-03	3/16"	5
CC-04	1/4"	7
CC-05	5/16"	9
CC-06	3/8"	11
CC-08	1/2"	13
CC-09	9/16"	15
CC-09-1/2	19/32"	17
CC-10	5/8"	18
CC-12	3/4"	20
CC-13	13/16"	22
CC-14	7/8"	23
CC-15	15/16"	25
CC-16	1"	27
CC-17	1-1/16"	28
CC-18	1-1/8"	31
CC-21	1-5/16"	34
CC-23	1-7/16"	37
CC-24	1-1/2"	40
CC-26	1-5/8"	41/42
CC-28	1-3/4"	43/46

NOTE: Reference Number = Inside Diameter (mm)

CC0

FK9-4

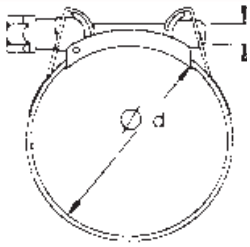
ACCESSORIES

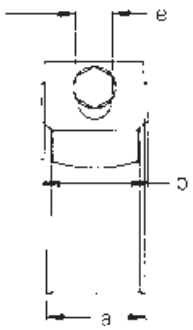
Part No. CC0, Pincers to apply and remove clamps

Part No. FK9-4, Circle clamp kit. 80 clamps; 10 each of 5/16", 1/2", 9/16", 5/8", 3/4", 7/8", 1"; standard pincers, plastic box.

MIKALOR "Supra" Hose Clamps

PART NO. W2*	PART NO. W4*	ADJUSTMENT RANGE inches	ADJUSTMENT RANGE mm	e (mm)	a (mm)	b (mm)
301901-2	301301-6	11/16 - 3/4	17 - 19	8	$18^{+0,2}$	19,8
301902-0	301302-4	3/4 - 13/16	19 - 21	8	$18^{+0,2}$	19,8
301903-9	301303-2	13/16 - 29/32	21 - 23	8	$18^{+0,2}$	19,8
301904-7	301304-0	29/32 - 1	23 - 25	8	$18^{+0,2}$	19,8
301905-5	301305-9	1 - 1-1/16	25 - 27	8	$18^{+0,2}$	19,8
301906-3	301306-7	1-1/16 - 1-5/32	27 - 29	8	$18^{+0,2}$	19,8
301907-1	301307-5	1-5/32 - 1-7/32	29 - 31	10	$20^{+0,3}$	22
301908-0	301308-3	1-7/32 - 1-5/16	31 - 34	10	$20^{+0,3}$	22
301909-8	301309-1	1-5/16 - 1-7/16	34 - 37	10	$20^{+0,3}$	22
301910-0	301310-4	1-7/16 - 1-9/16	37 - 40	10	$20^{+0,3}$	22
301911-9	301311-2	1-9/16 - 1-11/16	40 - 43	10	$20^{+0,3}$	22
301912-7	301312-0	1-11/16 - 1-7/8	43 - 47	10	$20^{+0,3}$	22
301913-5	301313-9	1-7/8 - 2	47 - 51	10	$20^{+0,3}$	22
301914-3	301314-7	2 - 2-5/32	51 - 55	10	$20^{+0,3}$	22
301915-1	301315-5	2-5/32 - 2-5/16	55 - 59	10	$20^{+0,3}$	22
301916-0	301316-3	2-5/16 - 2-1/2	59 - 63	10	$20^{+0,3}$	22
301917-8	301317-1	2-1/2 - 2-11/16	63 - 68	10	$20^{+0,3}$	22
301918-6	301318-0	2-11/16 - 2-7/8	68 - 73	13	$25^{+0,4}$	27,5
301919-4	301319-8	2-7/8 - 3-1/8	73 - 79	13	$25^{+0,4}$	27,5
301920-7	301320-0	3-1/8 - 3-11/32	79 - 85	13	$25^{+0,4}$	27,5
301921-5	301321-9	3-11/32 - 3-9/16	85 - 91	13	$25^{+0,4}$	27,5
301922-3	301322-7	3-9/16 - 3-13/16	91 - 97	13	$25^{+0,4}$	27,5
301923-1	301323-5	3-13/16 - 4-3/32	97 - 104	13	$25^{+0,4}$	27,5
301924-0	301324-3	4-3/32 - 4-3/8	104 - 112	13	$25^{+0,4}$	27,5
301925-8	301325-1	4-3/8 - 4-3/4	112 - 121	13	$25^{+0,4}$	27,5
301926-6	301326-0	4-3/4 - 5-1/8	121 - 130	13	$25^{+0,4}$	27,5





Designed both for conventional and automatic tightening.

The band arch swivels outwards so that assembly/disassembly is made much easier.

PART NO. SERIES DESCRIPTIONS:

W2 — Bolt: Strength grade 8.8. Zinc plated. Band and band arch: Stainless steel X8Cr17 (DIN 1.4016) (AISI 430).
Other components: Steel 1.0333. Zinc plated.

W4 — All stainless steel X5CrNi 1810 (DIN 1.4301) (AISI-304).

MIKALOR Fasteners 2001 inc.

Supra

Automotive & Heavy Duty Fleet Products

PUNCH-LOK INC.
AMERICAN QUALITY SINCE 1936

Pre-Formed Punch Type Clamps & Accessories

CLAMPS
•Galvanized

PART NO.	SIZE
P-3	13/16" x 3/8"
P-4	1" x 5/8"
P-5	1¼" x 5/8"
P-6	1½" x 5/8"
P-7	1¾" x 5/8"
P-8	2" x 5/8"
P-9	2¼" x 5/8"
P-10	2½" x 5/8"
P-11	2¾" x 5/8"
P-12	3" x 5/8"
P-14	3½" x 5/8"
P-16	4" x 5/8"
P-18	4½" x 5/8"
P-20	5" x 5/8"
P-24	6" x 5/8"

CLAMPS
•Stainless Steel

PART NO.	SIZE
P-12-S	3" x 5/8"
P-16-S	4" x 5/8"
P-20-S	5" x 5/8"

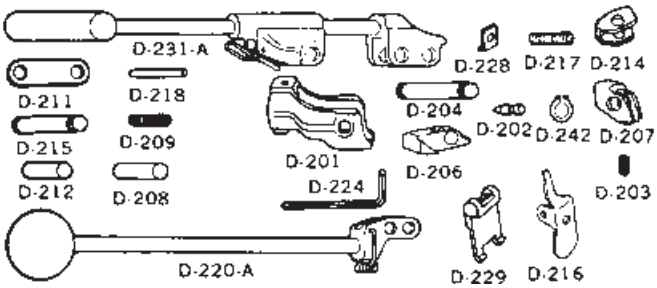
OPEN END CLAMPS
•Galvanized

PART NO.	SIZE
PO-32	8" x 5/8"

ACCESSORIES

PART NO.	DESCRIPTION
P-1000	Pre-formed and open end clamp tool
D-225-A	Mallet for use with P-1000 tool

P-1000



D-2119

D-2149

D-2169

PUNCH-LOK CLAMP TOOL REPLACEMENT PARTS

PART NO.	DESCRIPTION
D-201	Punch head
D-202	Punch
D-203	Set screw
D-204	Punch head pin
D-206	Pusher nose
D-207	Holding dog
D-208	Pusher nose pin
D-209	Holding dog spring
D-211	Puller link
D-212	Puller link pin
D-214	Pulling dog
D-215	Pulling dog pin
D-216	Release lever
D-217	Pulling dog spring
D-218	Release lever pin
D-220A	Ball handle assembly
D-228	Formed washer
D-229	3/8" clamp adapter
D-231A	Push/pull assembly
D-242	Retaining ring
D-224	Wrench
D-2119	Puller link, new style (P1000 only)
D-2149	Pulling dog (P1000 only)
D-2169	Release lever (P1000 only)

Band Clamp Products

Banding Tool - forged double plated tensioning tool with built in cutter for banding and buckle applications.
Part No. PB-001.

Stainless Steel Banding - standard duty, type 201 stainless steel. Thread band through buckle twice for greatest strength. To apply, use Punch-Lok banding tool # PB-001. Sold by 100 foot rolls.

PART NO.	BAND WIDTH	BAND THICKNESS
PB-204	1/2"	.030"
PB-205	5/8"	.030"
PB-206	3/4"	.030"

Buckles/Clips - standard duty, type 201 stainless steel. May be used for single or double wrap banding applications.

PART NO.	BAND WIDTH
PB-254	1/2"
PB-255	5/8"
PB-256	3/4"

PUNCH-LOK INC.
AMERICAN QUALITY SINCE 1936

BAND-IT®

Stainless Steel Tie-lok Ties & Tool

TIE-LOK II TOOL

•Lightweight, easy to use hand tool features adjustable tension and automatic cut off •Applies 1/4" wide smooth I.D. Tie-Lok Ties •Locks tie with the patented tie-lock and cuts off band flush with top surface of buckle

Part No. A920.

SMOOTH I.D. TIE-LOK TIES

•304 Uncoated Stainless Steel

Part No. AS211, 1/4" x 10" Tie-Lok, 2" max. diameter single wrap

Part No. AS212, 1/4" x 16.5" Tie-Lok, 4" max. diameter single wrap

Part No. AS213, 1/4" x 22.5" Tie-Lok, 6" max. diameter single wrap

I.D. Tagging System

BAND-IT THE CLAMPING EXPERTS

STAINLESS STEEL I.D. TAGGING SYSTEM

•Print your own tags in 304 stainless steel and apply with Tie-Lok Ties. Tag imprinter is available in 1/8" character sizes. Imprinter with character wheel weighs 29.5 lbs.

Part No. ID203.

I.D. TAGS

•304 Stainless Steel

Part No. ID100, 2.0"W x .75"H I.D. Tags, Thickness: .010"

Part No. ID101, 2.5"W x 1.5"H I.D. Tags, Thickness: .015"

Part No. ID102, 3.5"W x .75"H I.D. Tags, Thickness: .015"

ID100 ID101 ID102

REESE

Hitch Products & Accessories

REESE

A wide variety of Towing & Hitch Products are available from REESE. Please ask for further information on this extensive product line.

BOLT-ON RECEIVERS
Class III and IV, GTW 3500 - 10,000 lbs.; TW 350 - 1000 lbs.

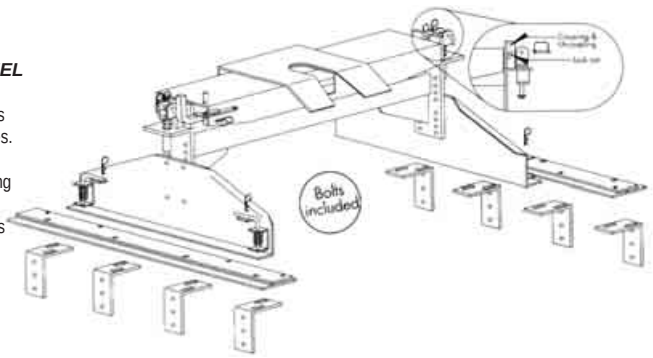
APPLICATIONS	YEAR	NOTES	BOLT-ON RECEIVER PART NO.
CHEVROLET/GEO — PASSENGER, WAGONS, UTILITY VEHICLES & VANS			
Avalanche	2002-2006	One piece custom fitting hitch receiver, no drilling required	57474
Suburban (old body style)	1992-1999	One piece custom fitting hitch receiver, no drilling required	56473
Suburban (new body style) inc. XL	2000-2006	One piece custom fitting hitch receiver, no drilling required	57474
Tahoe (old body style)	1995-1999	One piece custom fitting hitch receiver, no drilling required	56473
Tahoe (new body style)	2000-2006	One piece custom fitting hitch receiver, no drilling required	57474
Vans Express (full size) Express Van	1978-1996	One piece custom fitting hitch receiver, no drilling required	57371
Vans Express (full size) Express Van	1997-2006	One piece custom fitting hitch receiver, no drilling required	57372
CHEV/GMC PICK-UP TRUCKS			
Full size, all short and long box (2 and 4 door crew cab)	1988-1998	One piece custom fitting hitch receiver, no drilling required	57426*
Full size, short and long box Classic (old body style)	1999-2003	One piece custom fitting hitch receiver, no drilling required	57426*
Full size, (light duty) 1500 short and long box	1999-2006	One piece custom fitting hitch receiver	57428*
Full size, (heavy duty) 2500/3500 short and long box	2001-2006	One piece custom fitting hitch receiver	57431*
Full size, (heavy duty) 2500/3500 short and long box	2001-2007	One piece custom fitting hitch receiver	59431**
Colorado/Canyon	2004-2006	One piece custom fitting hitch receiver	55407*
DODGE PICK-UP TRUCKS			
Full size, all short and long box	1973-1993	Receiver	57702*
Full size, 1500, 2500, 3500 short and long box	1994-2001	One piece custom fitting hitch receiver	57626*
Full size, 1500 short and long box	1999-2001	Receiver	57626*
Full size, 2500, 3500 short and long box	1999-2001	One piece custom fitting hitch receiver	57628*
Full size, 2500, 3500 short and long box (channel)	2003-2006	One piece custom fitting hitch receiver, no drilling required	57628*
FORD — PASSENGER, WAGON, UTILITY VEHICLES & VANS			
Explorer Sport Trac	2000-2005	One piece custom fitting hitch receiver	55977
FORD PICK-UP TRUCKS			
Full size, all short and long box (w/ 37" frame width)	1967-1979	Receiver, boxed	57701*
Full size, all short and long box (except 1992 and up flare side)	1980-1996	One piece custom fitting hitch receiver	57225*
Full size, cab and chassis	1980-1996	Receiver, boxed	57702*
Full size, F-250 and up Super Duty short/long box (old body)	1997-1998	One piece custom fitting hitch receiver	57225*
Full size, F-250 and up Super Duty short/long box (old body)	1997-1998	One piece custom fitting hitch receiver, boxed	57702*
Full size, F-250 and up Super Duty short/long box (new body), F-350 Super Duty Cab and Chassis	1999-2007	Receiver, no drilling required	59229**
Full size, F-150 w/o vibration damper (exc. Heritage series)	2004-2005	One piece custom fitting hitch receiver, no drilling required	57231*
Full size, F-150	2006	Receiver	57233*
Ranger, short and long box	1984-1997	One piece custom fitting hitch receiver	55201*
Ranger, long box standard cab	1998-2006	One piece custom fitting hitch receiver	55201*
GMC — PASSENGER, WAGONS, UTILITY VEHICLES & VANS			
Denali	2000-2006	Receiver	57474
Suburban, old body style	1992-2000	One piece custom fitting hitch receiver, no drilling required	56473
Suburban, new body style	2000-2004	One piece custom fitting hitch receiver, no drilling required	57474
Yukon, old body style	1992-2001	One piece custom fitting hitch receiver, no drilling required	56473
Yukon, new body style incl. XL	2000-2006	One piece custom fitting hitch receiver, no drilling required	57474
JEEP/EAGLE — UTILITY VEHICLES			
Grand Cherokee	1999-2005	Receiver	56553
Liberty	2000-2006	Receiver, no drilling required	56655
TOYOTA TRUCKS			
Tacoma, all models	1995-2004	One piece custom fitting hitch receiver	55826
Tundra	1999-2006	One piece custom fitting hitch receiver	56825

*Class III
**Class IV

THE DSP DUAL POSITION "ORIGINAL" SUPER FIFTH WHEEL HITCH (DPO)
Dual Position: •A must for the increasingly popular short box trucks •Lift four (4) pins (no tools needed) to set the hitch back 8" when backing into tight areas with short box trucks to prevent damage caused from contact with the RV, which is the same system used by semi-trucks •Increases fuel efficiency and travelling ease when the hitch is in travel position
Compatible With: •DSP Super Fifth Wheels and Sliding Gooseneck Hitches are universal for all pick-up trucks •DSP Super Fifth Wheels and Sliding Gooseneck Hitches are interchangeable and fit on Slide/Bed Rails for the same crossbar width
Installation: •All around solid construction, bolted directly to the frame with Grade 5 carriage bolts and 8-3/8" thick frame brackets

Part No. 72994, 24" crossbar width, 17,000 lbs. G.T.W.
Part No. 72995, 35" crossbar width, 17,000 lbs. G.T.W.

Hitches & Trailer Accessories

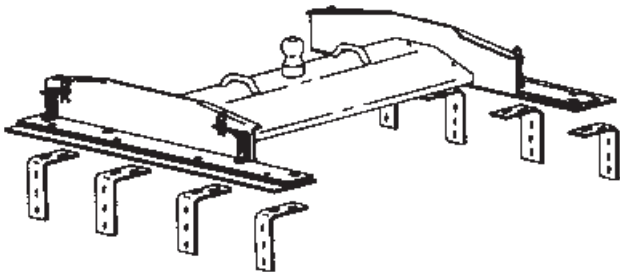


THE DSP SELF-ADJUSTING DUAL POSITION "EASY-LEVEL" SUPER FIFTH WHEEL HITCH (DPE)

Self-Adjusting: •Spring loaded cradle on the "H" bracket is self-adjusting. Made to deal with the difficulties associated with the engaging and disengaging of the RV on unlevel ground, commonly found on campsites. The springs compensate for any small or large angles created by unlevel ground.
Locking Position: •Built-in locking position restricts the spring loaded device from movement after engaging or disengaging is complete. No extra costs for optional accessories for a locking device!
Upgrading: •If you already have a DSP Super Fifth Wheel, the "H" bracket with the spring loaded device is compatible and interchangeable with all DSP 35" and 24" Super Fifth Wheel hitches.

Part No. 72996, 24" "Easy Level" hitch, 17,000 lbs. G.T.W.
Part No. 72999, 35" "Easy Level" hitch, 20,000 lbs. G.T.W.

THE DSP "SLIDING GOOSENECK" HITCH



Installation: •A large hole does not need to be cut into the truck bed, just (8) 1/4" holes need to be drilled •Fabrication of mounting hardware is not required, all parts are available from DSP •All around solid construction, bolted directly to the frame with Grade 8 carriage bolts (included) and (8) 3/8" thick frame brackets
Compatible with: DSP Super Fifth Wheels and Sliding Gooseneck hitches are universal for all pick-up trucks (frame brackets may vary)
Warning: •Vehicles towing 26,000 lbs. must have the correct towing package •Warranty is void with the usage of parts other than DSP products, exceeding hitch GTW and alterations to products
Note: •Slide rails and frame brackets are sold separately

Part No. 72935, 35" crossbar width, 26,000 GTW

RAIL KITS

MAKE	YEAR	MODEL (FRAME)	RAIL KIT PART NO.	
			24"	35"
FORD				
F-Series	2004-2006	150 (tube) (does not fit 4X4)*	72716	72716
F-Series	2004-2006	Light Duty (ch)	72993	72715
F-Series	2004-2006	Super Duty (ch)	72993	72992
F-Series	1997-2003	Light Duty (ch)	72993	72715
F-Series	1997-2003	Super Duty (ch)	72993	72992
F-Series	1973-1996	all (channel)	72993	72992
CHEV/GMC				
Silver & Sierra	1999-2006	Light Duty (classic)	72993	72743
Silver & Sierra	1999-2006	Heavy Duty (new frame)	72732	72743
Silver & Sierra	1988-1998	all (classic)	72993	72743
Silver & Sierra	1967-1987	all (classic)	72993	72764

MAKE	YEAR	MODEL (FRAME)	RAIL KIT PART NO.	
			24"	35"
DODGE				
Ram	2003-2006	all (tube frame)	72751	72765
Ram	2001-2006	1500 only (tube frame)	72751	72765
Ram	2001-2006	2500 and up (channel)	72993	72764
Ram	1973-2001	all (channel)	72993	72764
TOYOTA				
Tundra	2000-2006	Regular and extended inc. 4X4	72732	—

*Indicates no drilling required.

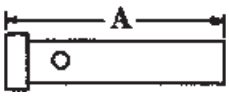
ADJUSTABLE BALL MOUNT

Great for towing trailers of various heights. Fits all 2" receivers; can be used as a rise or a drop. TW 600; GTW 6000.

PART NO.	MAX. DROP	MAX. RISE	SHANK HOLES	LENGTH
47601	10"	8½"	4	10"

SLEEVES

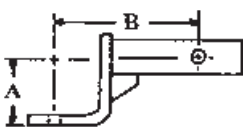
PART NO.	LENGTH (A)	RECEIVER SIZE
43301	10"	2" x 2"
43304	24"	2" x 2"
43302	36"	2" x 2"

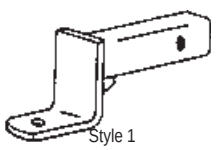


BALL MOUNTS

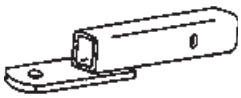
Rating: TW 600; GTW 6000. Hitch ball shank diameter = 1".

PART NO.	STYLE	RISE/DROP (A)	LENGTH (B)	RECEIVER SIZE
49523	2	2"	8"	2" x 2"
49524	2	2"	10"	2" x 2"
49532	1	3"	10"	2" x 2"
49542	1	4"	10"	2" x 2"
49562	1	6"	10"	2" x 2"
49582	1	8"	10"	2" x 2"
49621	3	2"	8"	2" x 2"
49622	3	2"	10"	2" x 2"





Style 1



Style 2

Style 3

DIVERSIFIED STEEL
Hitches & Trailer Accessories

DSP WEIGHT DISTRIBUTION SYSTEM KITS — WITH SWAY CONTROL BRACKET

•Once assembled, no tools are required to connect or disconnect •Distributes weight to all trailer and towing vehicle axles •Increases steering capability, brake control and towing safety •Reduces sway from traffic and sudden crosswinds •All systems must be used with a Bolt On Hitch Receiver rated for the same T.W. and G.T.W. •No left and right torsion bars, both are interchangeable •Torsion bars must always be used to achieve T.W. and G.T.W. •With access hole for large sockets for easier fastening of hitchball nut •6 or 8 hole shank included

PART NO.	w/ SHANK	T.W.	G.T.W.
41554	6 hole	600 lbs.	6000 lbs.
41655	6 hole	800 lbs.	8000 lbs.
41656	6 hole	1000 lbs.	10,000 lbs.
41654-8	8 hole	600 lbs.	6000 lbs.
41656-8	8 hole	1000 lbs.	10,000 lbs.

BUYERS
Towing/Hitch Products

CLASS 4, UNIMOUNT HITCH RECEIVER

•Features: •2" receiver •Forged collar •Heavy duty design for service bodies •Black powder coat finish
Part No. 1801050.

CLASS 4, HITCH RECEIVER

•Features: •2" receiver •Forged collar •Heavy duty multifit pickup truck receiver •Fits Chevy/GMC, Dodge, Ford, Toyota •Hide away design •Black powder coat finish •Includes all hardware required for installation
Part No. 1801005.

FOUR POSITION BIKE RACK

•Fits all 2" receiver tubes •Holds up to 4 bikes •3,500 lbs. towing capacity (ball sold separately) •Black powder coat / rubber coated finish •Lockable (lock not included) •Fold down arms when not in use •Fold down feature allows access to rear of vehicle
Part No. 1805005.

2" RECEIVER TUBES

•Forged steel collar •Plain finish •Solid stress collar opening •5/8" hitch pin hole
Part No. RT25806, 2" I.D. x 6"
Part No. RT25808, 2" I.D. x 8"
Part No. RT25810, 2" I.D. x 10"
Part No. RT25812, 2" I.D. x 12"
Part No. RT25818, 2" I.D. x 18"
Part No. RT25824, 2" I.D. x 24"
Part No. RT25836, 2" I.D. x 36"
Part No. RT25848, 2" I.D. x 48"

2½" RECEIVER TUBES

•Cast steel collar •Plain finish •Solid stress collar opening •5/8" hitch pin hole
Part No. RT255808, 8".
Part No. RT255812, 12".
Part No. RT255818, 18".

STEP BUMPER HITCH

•Fits most full sized trucks with step bumpers •Accepts many 2" square ball mounts or accessories •Black powder coat finish
Part No. SBH2.

Buyers PRODUCTS COMPANY

HITCH ADAPTERS

Part No. 1804030, Converts 1¼" receiver tube to a 2" hitch.
Part No. 1804035, Converts 2" receiver tube to a 1¼" hitch.

1804030

1804035

RECEIVER EXTENSIONS

•Extend your receiver by 7", 12" or 18". Reduces hitch capacity by 1/3.
Part No. 1804003, 7".
Part No. 1804005, 12".
Part No. 1804007, 18".

Towing/Hitch Products

TOWING BALL MOUNTS

•Fit 2" receiver tubes •Two pieces welded steel construction •Tongue accepts 1" dia. shank towing balls •Black powder coated for corrosion resistance •Capacity: 6,000 lbs. M.G.T.W., 600 lbs. max. vertical load

Part No.	Description	Max. Drop
1803005	Straight ball mount (std.)	1½"
1803007	Straight ball mount (10" tube)	1½"
1803010	High low ball mount (std.)	3¾"
1803013	High low ball mount (10" tube)	3¾"
1803015	Deep drop ball mount (10" tube)	6"

TOWING BALL MOUNTS (2½" SHANK)

•Fits 2½" receiver tubes •Two pieces welded steel construction •Black powder coat finish •Tongue accepts 1¼" diameter shank towing balls
Part No. 1803405, Straight ball mount.
Part No. 1803410, High-low ball mount.

HEAVY DUTY FORGED SOLID SHANK BALL MOUNT

•Fit 2" receiver tubes •Single piece forged steel construction •Tongue accepts 1" and 1¼" dia. shank towing balls •Black powder coated for corrosion resistance

Part No.	Description	M.V.L.	M.G.T.W.
1803050	2" maximum drop, 1" hole	2000 lbs.	20,000 lbs.
1803051	2" maximum drop, 1¼" hole	2000 lbs.	20,000 lbs.
1803055	4" maximum drop, 1" hole	2000 lbs.	20,000 lbs.
1803056	4" maximum drop, 1¼" hole	2000 lbs.	20,000 lbs.
1803058	6" maximum drop, 1" hole	1700 lbs.	17,000 lbs.
1803059	6" maximum drop, 1¼" hole	1700 lbs.	17,000 lbs.

DEEP-DROP BALL MOUNTS

•Fits all 2" receiver tubes •Tongue accepts 1" diameter shank towing ball •Two piece welded steel construction •Black powder coat finish
Part No. 1803017, Tube Style, 10" length, 8" max drop, 6000 lbs. MGTW, 600 lbs. max vert load.
Part No. 1803019, Solid Shank, 10.28" length, 10.25" max drop, 5000 lbs. MGTW, 350 lbs. max vert load.

ADJUSTABLE BALL MOUNTS

•Fits 2" receiver tubes •Welded steel construction •Black powder coated finish •Tongue accepts 1" diameter shank towing ball •3-position
Part No. 1803093.

CLEVIS BALL MOUNTS

•Use as clevis mount or ball mount •Fits all 2" receiver tubes •Black powder coat finish for corrosion resistance •9¼" length •1" ball hole
Part No. 1803060, 6,000 lbs. M.G.T.W., 600 lbs. max. vertical load.
Part No. 1803065, 8,000 lbs. M.G.T.W., 800 lbs. max. vertical load.

TOWING BALL MOUNTS W/ DUAL BALLS

•Fits 2" receiver tubes •Welded steel construction •Black powder coated finish
Part No. 1803210, 1-7/8" and 2".
Part No. 1803215, 2" and 2-5/16".

DOUBLE BALL MOUNTS

•Solid shank for 2" receiver tubes •Black welded steel towing balls •Black powder coated finish •5/8" hitch pin hole
Part No. 1802210, 1-7/8" and 2".
Part No. 1802215, 2" and 2-5/16".

DOUBLE BALL MOUNTS — CHROME

•Solid shank for 2" receiver tubes •Chrome welded steel towing balls •Black powder coated finish •5/8" hitch pin hole
Part No. 1802211, 1-7/8" and 2".
Part No. 1802216, 2" and 2-5/16".

TRI-BALL HITCH

•Solid shank for 2" receiver tubes •Black welded steel towing balls •Black powder coated finish •5/8" hitch pin hole •All three towing ball sizes (1-7/8", 2", and 2-5/16") on one solid shank
Part No. 1802200.

TRI-BALL HITCH — CHROME

•Solid shank for 2" receiver tubes •Chrome welded steel towing balls •Black powder coated finish •5/8" hitch pin hole •All three towing ball sizes (1-7/8", 2", and 2-5/16") on one solid shank
Part No. 1802205.

ADJUSTABLE TRI-BALL HITCH

•Solid receiver for 2" receiver tubes, welded steel towing balls, black powder coat finish, a 5/8" hitch pin hole. •Chrome balls in all three towing ball sizes •12" vertical adjustment •Capacities:
1-7/8" ball, 6000 lbs. M.G.T.W.
2" ball, 10,000 lbs. M.G.T.W.
2-5/16" ball, 10,000 lbs. M.G.T.W.
Part No. 1802225.

TRI-BALL HITCH W/ PINTLE HOOK

•Solid shank for 2" receiver tubes •Chrome welded steel towing balls •Black powder coated finish •5/8" hitch pin hole •7500 lbs. cast steel pintle jaw •Upper jaw locks in closed position (down) for lunette eye towing •Towing ball sizes:
1-7/8", 2", 2-5/16"
Part No. 1802279.

GOOSENECK HITCH & ACCESSORIES

Gooseneck retractable ball hitch c/w 2-5/16" towing ball.
Part No. G9003.

Part No. BRB03, Safety chain U-bolt kit for #G9005 ball h
Part No. BRB04, U-bolt kit for #G9005.

GOOSENECK HITCH

Gooseneck hitch plate c/w 2-5/16" towing ball.
Part No. G9542.

POLY-COATED HITCH PINS

•Powder coated steel pin shank •High visibility blue poly coated handle — makes these pins easy to see and use •Includes zinc plated cotter pin to secure hitch pin in place
Part No. 66101, ½" x 4".
Part No. 66107, 5/8" x 4".
Part No. 66111, ¾" x 4½".
Part No. 66122, 7/8" x 4½".
Part No. 66127, 1" x 4½".

HITCH PINS

•Forged 1040 steel •Yellow zinc plated •Spring wire handle •Includes cotter pin
Part No. 66110, ¾" x 4¼".

SAFETY CHAIN ANCHOR

•Steel rod chain anchor •Secure safety chains to trailer frames •5/8" diameter
Part No. SC58B.

HITCH PIN ASSEMBLY

•Zinc plated w/ hairpin cotter •5/8" diameter fits 2" receivers
Part No. HP6253WC.

LOCKING HITCH PINS

•Black powder coat finish with chrome plated pin •Two sizes
Part No. BLHP125, ½", for use with 1¼" receivers.
Part No. BLHP200, 5/8", for use with 2" receivers.

LOCKING HITCH PIN "BONE STYLE"

•5/8" locking hitch pin for 2" receivers •Plated steel pin with two keys
Part No. BLHP300.

1-7/8" BALL COUPLERS

1-7/8" ball, 2000 lb. capacity, Class I.
Part No. 0091050, 2" channel.
Part No. 0091055, 3" channel.

2" BALL COUPLERS

2" ball, 3500 lb. capacity, Class II.
Part No. 0091058, 2" channel.
Part No. 0091060, 2½" channel.
Part No. 0091065, 3" channel.

Buyers PRODUCTS COMPANY

Towing/Hitch Products

2-5/16" COUPLER
•Heavy duty steel construction •Zinc plated latch •Safety pin included •4-hole mount style •12,000 lbs. M.G.T.W.
Part No. 0090108.

A-FRAME COUPLER
2-5/16" ball, 10,000 lb. capacity, Class IV.
Part No. 0091097.

ADJUSTABLE HEAVY DUTY CAST COUPLER
•Heavy duty cast steel construction •Accepts 2-5/16" towing balls •Auto-engage latch •15,000 lbs. M.G.T.W.
Part No. 0091550.
Accessories:
Part No. B9906, Heavy duty 3-position channel w/ weld gussets for #0091550.
Part No. B9912, Heavy duty 5-position channel w/ weld gussets for #0091550.
Part No. B9021, Bolt and nut kit (2 each).

ADJUSTABLE CAST COUPLER
Heavy duty cast steel, accepts 1-7/8" and 2" balls. 7000 lbs. capacity.
Part No. 0091005.

Accessories:
Repair kit for #0091005 adjustable coupler.
Part No. 0091015.

ADJUSTABLE COUPLERS
Heavy duty steel construction, zinc plated latch. Safety pin included. Comes complete with coupler, 3 or 5 position channel and fasteners.
Part No. 0090155, 2" ball coupler c/w 3 position channel.
Part No. 0090105, 2-5/16" ball coupler c/w 3 position channel.
Part No. 0090160, 2" ball coupler c/w 5 position channel.
Part No. 0090110, 2-5/16" ball coupler c/w 5 position channel.

ADJUSTABLE COUPLERS
Heavy duty steel construction, zinc plated latch. Safety pin included.
Part No. 0090150, 2" coupler.
Part No. 0090100, 2-5/16" coupler.

Accessories:
Part No. B8978, 3-position channel only.
Part No. B8979, 5-position channel w/ weld gussets.

COUPLER BOLT & NUT KIT
Bolt and nut kit (2 each) used w/ coupler nos. 0090105, 0090110, 0090155, 0090160.
Part No. B9020.

ADJUSTABLE EYE ASSEMBLY
•Ductile cast iron eye •Formed steel bracket •3" I.D. eye •1-9/16" section eye •12,000 lbs. capacity
Part No. B18128, w/ 3-position channel and fasteners.
Part No. B18135, w/ 5-position channel and fasteners.
Part No. B16137, Eye only.

6-TON RECEIVER MOUNT COMBINATION HITCH
•Single piece drop forged lower jaw is designed with an integral shank to fit 2" receiver tubes •Black powder coat finish •Drawbar eye dimensions: 2½" to 3" I.D. with 1¼" to 1-9/16" diameter section •Individually boxed with instruction sheet and capacity decals •12,000 lbs. M.G.T.W.
Part No. RM61780, 1-7/8" ball.
Part No. RM62000, 2" ball.
Part No. RM62516, 2-5/16" ball.
Part No. RM650M, 50 mm ball.

5-TON RECEIVER MOUNT PINTLE HOOK
•Single piece drop forged lower jaw is designed with an integral shank to fit 2" receiver tubes •Black powder coat finish •Drawbar eye dimensions: 2" to 3" I.D. with 1¼" to 1-5/8" diameter section •Individually boxed with instruction sheet and capacity decals •10,000 lbs. M.G.T.W.
Part No. RM5P.

8-TON COMBINATION HITCH
•Drop forged •Black powder coat finish •Forged steel ball •Interchangeable hitch balls •Drawbar eye dimensions: 2½" to 3" I.D. with 1¼" to 1-9/16" diameter section •Individually boxed with drilling template and capacity decals •16,000 lbs. M.G.T.W.
Part No. BH81780, 1-7/8" ball.
Part No. BH82000, 2" ball.
Part No. BH82516, 2-5/16" ball.

10-TON FORGED ALLOY STEEL COMBINATION HITCH
•Drop forged combination Pintle Hook/Ball Hitch •Black powder coat finish for durability and corrosion resistance •Interchangeable forged steel hitch balls •Capacity: 20,000 lbs. MGTW / 4,000 lbs. max. vertical load •Drawbar Eye Dimension: 2-3/8"- 3" I.D. with 1-1/4"- 1-9/16" dia. section.
Part No. BH102000, 2" ball combination hitch.
Part No. BH102516, 2-5/16" ball combination hitch.
Part No. RB102000, 2" replacement ball.
Part No. RB102516, 2-5/16" replacement ball.

Buyers Products Company

CLIP w/ CHAIN
Part No. P11C.

REPLACEMENT BALLS
For RM6 and BH8 series.
Part No. RB1780, 1-7/8".
Part No. RB2000, 2".
Part No. RB2516, 2-5/16".

HITCH BALL COVERS
•Black PVC hitch ball cover •Fits 1-7/8" or 2" balls
Part No. 5451000.

RIGID TYPE PINTLE HOOKS
•Drop forged alloy steel •Black powder coat •Drawbar eye dimensions: 2" to 3" I.D. with 1¼" to 1-5/8" diameter section •Individually boxed •Includes mounting information, spec. sheet, drilling template, and vehicle capacity decal
Part No. PH5, 5 ton, 10,000 lbs. M.G.T.W.
Part No. PH8, 8 ton, 16,000 lb.s M.G.T.W.
Part No. PH15, 15 ton, 30,000 lbs. M.G.T.W.
Part No. PH20, 20 ton, 40,000 lbs. M.G.T.W.

PH8

PH5

PH15

PH20

45-TON RIGID TYPE PINTLE HOOKS
•Austempered ductile iron •Black powder coat •Drawbar eye dimensions: 2-3/8" to 3" I.D. with 1¼" to 1-5/8" diameter section •Individually boxed •Includes mounting information, spec. sheet, drilling template, and vehicle capacity decal •90,000 lbs. M.G.T.W.
Part No. PH45.

MOUNTING KITS
Mounting kit used with nos. PH5, PH8, PH15, BH8. Contains all necessary mounting hardware.
Part No. 8520.

Mounting kit used with nos. PH20 and BH10. Contains all necessary mounting hardware.
Part No. 8525.

Mounting kit used with #PH45. Contains all necessary mounting hardware.
Part No. 8530.

SUPPORT BRACE FOR PINTLE HOOKS
Designed for 34" frame width and are meant to be used in pairs. Can be used with nos. PH5 and PH15 and similar pintle hooks.
Part No. BXA100800.

2" SHANK PINTLE HOOK MOUNTS
•Continuous welds •Black powder coat finish •High and low positioning •Welded support bracket •Solid shank
Part No. PM84, 2" x 9" shank, 5" x 3.75" plate, 2 pairs of holes, 20,000 lbs. M.G.T.W.
Part No. PM87, 2" x 9" shank, 5" x 7.38" plate, 4 pairs of holes, 10,000 lbs. M.G.T.W.
Part No. PM107, 2" x 10.25" shank, 5" x 7.38" plate, 4 pairs of holes, 10,000 lbs. M.G.T.W.
Part No. PM812, 2" x 12.25" shank, 5" x 12.50" plate, 7 pairs of holes, 10,000 lbs. M.G.T.W.
Part No. PM1012, 2" x 14.5" shank, 5" x 12.50" plate, 7 pairs of holes, 10,000 lbs. M.G.T.W.

2½" SHANK PINTLE HOOK MOUNTING PLATE
•Adapts 2½" receiver tube to multi-height pintle hook applications •2½" x 12" tubular shank •5" x 6.13" x ½" thick mounting plate w/ three pairs of mounting holes •Black powder coated steel construction •Continuous welds •Capacity: Max. trailer: 16,000 lbs. Max. tongue: 3200 lbs.
Part No. PM25612, 2-position shank.

15-TON FORGED SWIVEL-TYPE PINTLE HOOKS
•Spring cushion •Swivel action provides torsional relief of the coupling •Recommended for off-road applications (capacities reduced by 25%) •Drawbar eye dimensions: 2-3/8" to 3" I.D. with 1¼" to 1-5/8" diameter section •Individually boxed and include mounting information, spec. sheet, drilling template, and vehicle capacity decal •30,000 lbs. M.G.T.W.
Part No. BP100A.

FORGED SWIVEL-TYPE PINTLE HOOKS
•Spring cushion •Swivel action provides torsional relief of the coupling •Drawbar eye dimensions: 3" to 3" I.D. with 1-5/8" diameter section •Individually boxed and include mounting information, spec. sheet, drilling template, and vehicle capacity decal •60,000 lbs. M.G.T.W.
Part No. BP760.

PIN & CHAIN ASSEMBLY
Used with #BP760.
Part No. 7626.

MOUNTING KITS
Mounting kit used with #BP100A. Contains all necessary mounting hardware.
Part No. 8620.

Towing/Hitch Products

FORGED 4-BOLT MOUNT DRAWBAR
•One piece forged design •Alloy steel forging •Black powder coat finish •2½" I.D. eye with 1½" section drawbar with 4 hole square mounting plate •42,000 lbs. M.G.T.W.
Part No. BDB125015.

HEAVY DUTY FORGED 4-BOLT MOUNT DRAWBAR
•One piece forged design for safety and capacity •Alloy steel forging •Black powder coat finish •3" I.D. eye with 1.62" section drawbar with 4 hole square mounting plate
Part No. BDB1385, 0.78" mounting hole size, 60,000 lbs. M.G.T.W.
Part No. BDB1394, 0.89" mounting hole size, 90,000 lbs. M.G.T.W.

TRAILER NOSE PLATE
•Accepts standard 4½" square bolt pattern found on most drawbars •Allows three mounting positions
Part No. TNP716625750, ¾" thickness, 8 holes, for use with #BDB125015.
Part No. TNP716750100, 1" thickness, 8 holes, for use with #BDB1385.

WELD-ON FORGED STEEL DRAWBAR
•C1020 steel forged drawbar •2½" I.D. eye •4½" O.D. eye •1" section drawbar •10,000 lbs. M.G.T.W.
Part No. LW10.

BOLT-ON FORGED STEEL DRAWBAR
•2½" I.D. eye •5" O.D. eye •1¼" section drawbar •20,000 lbs. M.G.T.W.
Part No. BDB12281.

BOLT-ON FORGED ALLOY STEEL DRAWBAR
•3" I.D. eye •6¼" O.D. eye •1-5/8" section drawbar •22,000 lbs. M.G.T.W.
Part No. BDB1238.

FORGED ALLOY STEEL DRAWBAR WITH NUT
•Alloy steel forging •Includes nut, cotter pin, and washer •2½" I.D. eye •5½" O.D. eye •1½" section drawbar •15,000 lbs. M.G.T.W.
Part No. BDB12503.

FORGED ALLOY STEEL DRAWBAR WITH NUT
•Includes nut, cotter pin, and washer •3" I.D. eye •6¼" O.D. eye •1-5/8" section drawbar •45,000 lbs. M.G.T.W.
Part No. BDB12492H.

FORGED LUNETTE EYE
•3" I.D. ring
Part No. LW625, 5" O.D. eye, 1" section drawbar.
Part No. LW847, 6¼" O.D. eye, 1-5/8" section drawbar.

DRAWBAR LOCK
•Zinc plated •Fits all 2½" - 3" lunette eyes •Accepts most ½" diameter padlocks
Part No. BDL253.

2" FORGED TRAILER KING PINS
•Forged from AISI 8630 steel and heat treated to create and maintain a hardness of 301-363 BHN •150,000 psi in ultimate strength (which meet or exceed the performance specs. set by SAE)
Part No. KP20025, ¼" bolster.
Part No. KP20031, 5/16" bolster.
Part No. KP20038, 3/8" bolster.
Part No. KP20050, ½" bolster.

RECEIVER MOUNT TOW HOOK
•Straight pattern •Fits 2" receiver tube •Black powder coat •10,000 lbs. capacity
Part No. RM10H.

FORGED RECEIVER MOUNT TOW HOOK
•Straight pattern •Fits 2" receiver tube •Black powder coat •12,000 lbs. capacity
Part No. RM12H.

FORGED RECEIVER MOUNT TOW EYE
•Straight pattern •Fits 2" receiver tube •Black powder coat •10,000 lbs. capacity
Part No. RM1225E.

DROP FORGED LIGHT DUTY TOWING HOOKS
•Universal pattern •Drop forged steel •Available in black powder coat or chrome plated •Safe working load 10,000 lbs.
Part No. B2799B, Pair, black.
Part No. B2799C, Pair, chrome.

Part No. B2799BKT, Pair, black, w/ safety clip and bolt kit.
Part No. B2799CKT, Pair, chrome, w/ safety clip and bolt kit.

Buyers PRODUCTS COMPANY

DROP FORGED TOWING HOOK

•Pair of right and left hand pattern •Available in chrome plated or plain finish •13,500 lbs. safe working load (per hook)
Part No. B2800A, Pair, plain.
Part No. B2800AC, Pair, chrome plated.

DROP FORGED HEAVY DUTY TOWING HOOK

•Pair of right and left hand pattern •Plain finish •2-hole or 3-hole available
Part No. B2801A, Pair, 2-hole, 44,600 lbs. safe working load.
Part No. B2801C, Pair, 3-hole, 44,500 lbs. safe working load.

UTILITY RAMP PLATES

•Heavy duty steel construction •Black powder coat •Easy to assemble •Includes non-slip protective pad •Plates feature traction grips •Kit contains 2 heavy duty steel top plates with mounting hardware, simply bolt ramp plates to planks (not included).
Part No. RP8, Ramp plate kit (works w/ 2" x 8" plank).
Part No. RP12, Ramp plate kit (works w/ 2" x 12" plank).

JACKS

All jacks are black with zinc plated inner components.

PART NO.	MOUNTING STYLE	CAPACITY	TRAVEL	WIND
0091205	Tube - swivel	2000 lbs.	10"	Top
0091210	Retaining ring - swivel	2000 lbs.	10"	Top
0091215	Tube - swivel	2000 lbs.	15"	Top
0091220	Tube - swivel	5000 lbs.	10"	Side
0091225	Retaining ring - swivel	2000 lbs.	15"	Top
0091260	A-Frame, includes support foot	2,000 lbs	15"	Top
0091265	A-Frame, includes support foot	5,000 lbs	15"	Top
0091261	A-Frame, jack only	2,000 lbs	15"	Top
0091266	A-Frame, jack only	5,000 lbs	15"	Top
0091269	Base foot only for A-Frame jacks	—	—	—
0091270	Support plate for A-Frame jacks	—	—	—

0091205

0091220

0091260

HEAVY DUTY TRAILER JACKS

•2½" square tube jack •Painted outer tube with zinc plated inner tube •1" rolled acme threads and steel thrust bearings provide easy cranking •Heavy plated steel base •7,000 lb. capacity •26" travel.
Part No. 0091310, top wind.
Part No. 0091340, side wind.

4½" HEAVY DUTY SQUARE JACK

•12,000 lbs. static capacity and 10,000 lbs. dynamic capacity •12" screw travel w/ 14" adjustment •Side wind
Part No. 0091405.

Buyers Products Company

Front End & Hinge Assemblies

536 FRONT END ASSEMBLY

For Use With: 207K, 207S, 307K, 307S, 405S & 410S Swivel Eyes

Bushing Options: 437 (rubber), 437A (poly) or *437AK (poly)
Inside Diameter: 2" (51 mm) or *2-1/4" (57mm)
Outside Diameter: 4¼" (108 mm)
Length: 4½" (114 mm)

Ordering Information:
Part No. 536A, 536 Housing, 437 Rubber Bushings and 349 Washer

Part No. 536B, 536 Housing, 437A Poly Bushings and 349 Washer

Part No. 536BK, 536 Housing, 437AK Poly Bushings and 349SE-SPL Washer *(used with 207K and 307K only)

546 FRONT END ASSEMBLY

For Use With: 207SE, 307SE, 405SE, 407SE & 410SE Swivel Eyes

Bushing Options:
P205 Bushing (rubber)
Inside Diameter: 2" (51 mm)
Outside Diameter: 4¾" (121 mm)
Length: 5-3/16" (132 mm)

R205 Bushing (rubber)
Inside Diameter: 2½" (64 mm)
Outside Diameter: 4¾" (121 mm)
Length: 5-3/16" (132 mm)

Ordering Information:
Part No. 546A, 546 Housing, P205 Rubber Bushings and 349SE Washer

Part No. 546R, 546 Housing, R205 Rubber Bushings and 407W Washer (used with 407SE only)

556 FRONT END ASSEMBLY

For Use With: 207SE, 307SE, 405SE, 407SE & 410SE Swivel Eyes

Bushing Options:
P205 Bushing (rubber)
Inside Diameter: 2" (51 mm)
Outside Diameter: 4¾" (121 mm)
Length: 5-3/16" (132 mm)

R205 Bushing (rubber)
Inside Diameter: 2½" (64 mm)
Outside Diameter: 4¾" (121 mm)
Length: 5-3/16" (132 mm)

Ordering Information:
Part No. 556A, 556 Housing, P205 Rubber Bushings and 349SE Washer

Part No. 556R, 556 Housing, R205 Rubber Bushings and 407W Washer (used with 407SE only)

340S FRONT END ASSEMBLY

Accepts 3" (76 mm) standard channel or square tubing
For Use With: 207S, 307S, 405S & 410S Drawbar Eyes

Bushing Options: 348 (rubber), 348A (poly)
Inside Diameter: 2" (51 mm)
Outside Diameter: 3½" (89 mm)
Length: 3½" (89 mm)

Ordering Information:
Part No. 340S, 346 Housing, 348 Rubber Bushings and 349 Washer

Part No. 340SA, 346 Housing, 348A Poly Bushings and 349 Washer

640S FRONT END ASSEMBLY

Accepts 2½" (64 mm) round tubing
For Use With: 207S, 307S, 405S & 410S Drawbar Eyes

Bushing Options: 348 (rubber), 348A (poly)
Inside Diameter: 2" (51 mm)
Outside Diameter: 3½" (89 mm)
Length: 3½" (89 mm)

Ordering Information:
Part No. 640S, 646 Housing, 348 Rubber Bushings and 349 Washer

Part No. 640SA, 646 Housing, 348A Poly Bushings and 349 Washer

435 FRONT END ASSEMBLY

Accepts 2" x 4" (51 mm x 102 mm) rectangular tubing or standard channel
For Use With: *207K, 207S, *307K, 307S, 405S & 410S Drawbar Eyes
*only when used with 437AK Bushing

Bushing Options: 437 (rubber), 437A (poly) or *437AK (poly)
*only when used with 207K/307K Bushing
Inside Diameter: 2" (51mm) or *2¼" (57mm)
Outside Diameter: 4¼" (108 mm)
Length: 4½" (114 mm)

Ordering Information:
Part No. 435, 436 Housing, 437 Rubber Bushings and 349 Washer

Part No. 435A, 436 Housing, 437A Poly Bushings and 349 Washer

320 HINGE ASSEMBLY

Accepts 3" (76 mm) standard channel or square tubing.
Capacity (pair): 100,000 lbs.

Bushing Options: 344 (rubber), 344A (poly)
Inside Diameter: 1-7/8" (48 mm)
Outside Diameter: 3-1/2" (89 mm)
Length: 4-1/2" (114 mm)

Ordering Information:
Part No. 320, 320 Hinge, 344 Rubber Bushings

Part No. 320A, 320 Hinge, 344A Poly Bushings

440 HINGE ASSEMBLY

Accepts 3" (76 mm) standard channel or square tubing.
Capacity (pair): 100,000 lbs.

Bushing Options: 448 (rubber), 448A (poly)
Inside Diameter: 2" (51 mm)
Outside Diameter: 3-1/2" (89 mm)
Length: 1-3/4" (44 mm)

Ordering Information:
Part No. 440, 440 Hinge, 448 Rubber Bushings

Part No. 440A, 440 Hinge, 448A Poly Bushings

PREMIER MANUFACTURING COMPANY

Swivel Drawbar Eyes

207 SWIVEL EYE

Gross Trailer Weight: 90,000 lbs.
Maximum Tongue Weight: 2,500 lbs.
Inside Diameter: 2-3/8" (60 mm)

Ordering Information:

PART NO.	OVERALL LENGTH	SHAFT	INCLUDES:
207L	12¼" (311 mm)	2"	416 Lock Nut and 208 Snap Ring
207S	11-1/8" (283 mm)	2"	416 Lock Nut and 208 Snap Ring
207SE	13-1/8" (333 mm)	2"	416 Lock Nut and 208 Snap Ring
207K	11-3/8" (289 mm)	2¼"	416K Lock Nut and 208 Snap Ring
207KSE	13-3/8" (340 mm)	2¼"	416K Lock Nut and 208 Snap Ring
207KL	12½" (318 mm)	2¼"	416K Lock Nut and 208 Snap Ring

307 SWIVEL EYE

Gross Trailer Weight: 150,000 lbs.
Maximum Tongue Weight: 2,500 lbs.
Inside Diameter: 3" (76 mm)

Ordering Information:

PART NO.	OVERALL LENGTH	SHAFT	INCLUDES:
307L	12¼" (311 mm)	2"	416 Lock Nut and 208 Snap Ring
307S	11-1/8" (283 mm)	2"	416 Lock Nut and 208 Snap Ring
307SE	13-1/8" (333 mm)	2"	416 Lock Nut and 208 Snap Ring
307K	11-3/8" (289 mm)	2¼"	416K Lock Nut and 208 Snap Ring
307KSE	13-3/8" (340 mm)	2¼"	416K Lock Nut and 208 Snap Ring
307KL	12½" (318 mm)	2¼"	416K Lock Nut and 208 Snap Ring

405S SWIVEL EYE

Gross Trailer Weight: 90,000 lbs.
Maximum Tongue Weight: 3,700 lbs.
Inside Diameter: 1-3/8" min.; 2-1/4" max.

Ordering Information:

PART NO.	OVERALL LENGTH	SHAFT	INCLUDES:
405S	11-1/8" (311 mm)	3"	400 Shoe, 375 Bolt, 375A Lock Nut 416 Lock Nut, 525 Jam Nut, 208 Snap Ring, Pushrod

407SE SWIVEL E YE

Silver Eagle replacement (#1171)
Gross Trailer Weight: 100,000 lbs.
Maximum Tongue Weight: 3,900 lbs.
Inside Diameter: 2-3/8" (60 mm)

Ordering Information:
Part No. 407SE, Includes 421 Sleeve Nut. Nut must be secured by installer (wire tied, etc.)

Weld-On Drawbar Eyes

3 WELD-ON EYE

Gross Trailer Weight: 70,000 lbs.
Maximum Tongue Weight: 10,500 lbs.
Inside Diameter: 2-1/16"
Part No. 3.

4 WELD-ON EYE

Gross Trailer Weight: 90,000 lbs.
Maximum Tongue Weight: 13,500 lbs.
Inside Diameter: 2-3/8"
Part No. 4.

5 WELD-ON EYE

Gross Trailer Weight: 90,000 lbs.
Maximum Tongue Weight: 13,500 lbs.
Inside Diameter: 2-5/8"
Part No. 5.

6 WELD-ON EYE

Gross Trailer Weight: 100,000 lbs.
Maximum Tongue Weight: 15,000 lbs.
Inside Diameter: 2-3/8"
Part No. 6.

20 WELD-ON EYE

Designed for 3" (76 mm) standard channel or square tubing.
Gross Trailer Weight: 100,000 lbs.
Maximum Tongue Weight: 15,000 lbs.
Inside Diameter: 2-3/8"
Part No. 20.

304 WELD-ON EYE

Gross Trailer Weight: 150,000 lbs.
Maximum Tongue Weight: 15,000 lbs.
Inside Diameter: 3"
Part No. 304.

306 WELD-ON EYE

Gross Trailer Weight: 150,000 lbs.
Maximum Tongue Weight: 15,000 lbs.
Inside Diameter: 3"
Part No. 306.

Bolt-On Drawbar Eyes

200 BOLT-ON EYE

Gross Trailer Weight: 100,000 lbs.
Maximum Tongue Weight: 15,000 lbs.
Inside Diameter: 2-3/8"
Part No. 200.

300 BOLT-ON EYE

Gross Trailer Weight: 100,000 lbs.
Maximum Tongue Weight: 15,000 lbs.
Inside Diameter: 3"
Part No. 300.

Non-Air Couplings

150 COMBINATION COUPLING

Whether you need to pull a trailer with an eye or ball connection, the 150 can do the job. The patented sideswing latch helps prevent tailgate damage and keeps the profile compact.
Gross Trailer Weight: 16,000 lbs.
Maximum Tongue Weight: 2,000 lbs.
Ultimate Latch Capacity: 10,000 lbs.
Maximum Eye X-Section: 1-13/16" (46 mm)
Minimum Eye Opening: 2-3/8" (60 mm)

Ordering Information:

Coupling and Ball Combinations:
Part No. 150, Includes 150 coupling and 155 ball 2" (51 mm)
Part No. 150-1, Includes 150 coupling and 156 ball 2-5/16" (59 mm)
Part No. 150-2, Includes 150 coupling and 158 ball 1-7/8" (48 mm)

Replacement Trailer Balls:
Part No. 155, 2" (51 mm) diameter, 10,000 lbs.
Part No. 156, 2-5/16" (59 mm) diameter, 10,000 lbs.
Part No. 158, 1-7/8" (48 mm) diameter, 2,500 lbs.

240 COUPLING

The #240 has extra toughness and wear resistance that Premalloy users have come to expect.
Gross Trailer Weight: 45,000 lbs.
Maximum Tongue Weight: 6,000 lbs.
Ultimate Latch Capacity: 20,000 lbs.
Maximum Eye X-Section: 1-11/16" (43 mm)
Minimum Eye Opening: 2-1/8" (52 mm)

Ordering Information:
Part No. 240, Coupling only

240K COUPLING

Gross Trailer Weight: 45,000 lbs.
Maximum Tongue Weight: 6,000 lbs.
Ultimate Latch Capacity: 20,000 lbs.
Maximum Eye X-Section: 1-13/16" (46 mm)
Minimum Eye Opening: 2-3/8" (60 mm)

Ordering Information:
Part No. 240K, Coupling only.
Part No. 240KL, Coupling with low handle.
Part No. 240LK, Low pro handle kit.

160 COUPLING

The same unique latching as #150, the model #160 offers a compact profile for tight places. Ideal for dolly haul back and other light to medium duty applications.
Gross Trailer Weight: 30,000 lbs.
Maximum Tongue Weight: 4,500 lbs.
Ultimate Latch Capacity: 10,000 lbs.
Maximum Eye X-Section: 1-13/16" (46 mm)
Minimum Eye Opening: 2" (51 mm)

Ordering Information:
Part No. 160, Coupling only

480 COUPLING

The strongest in the line of non-air couplings, the model #480 has high strength latch components that are strike-resistant and concealed within the coupling body. Conveniently located grease zerks provide for easy maintenance of internal components.
Gross Trailer Weight: 130,000 lbs.
Maximum Tongue Weight: 21,000 lbs.
Ultimate Latch Capacity: 30,000 lbs.
Maximum Eye X-Section: 1-13/16" (46 mm)
Minimum Eye Opening: 2-3/8" (60 mm)

Ordering Information:
Part No. 480, Coupling only

130 COUPLING

Popular for dolly haul back, the model #130 is ideal for light to medium duty applications. Like many of Premier's couplings, the #130 features a strong strike-resistant latching system that is easy to operate and maintain.
Gross Trailer Weight: 30,000 lbs.
Maximum Tongue Weight: 6,000 lbs.
Ultimate Latch Capacity: 20,000 lbs.
Maximum Eye X-Section: 1-11/16" (43 mm)
Minimum Eye Opening: 2-1/2" (52 mm)

Ordering Information:
Part No. 130, Coupling only

580 COUPLING

A long time favourite of the logging industry Premier's #580 coupling offers a low profile and a very popular mounting pattern. External oil cup enables easy lubrication of internal latch components.
Gross Trailer Weight: 70,000 lbs.
Maximum Tongue Weight: 14,000 lbs.
Ultimate Latch Capacity: 30,000 lbs.
Maximum Eye X-Section: 1-13/16" (46 mm)
Minimum Eye Opening: 2-1/16" (52 mm)

Ordering Information:
Part No. 580, Coupling only

Please contact a Gregg Distributors representative for Premier Couplings not shown in this listing.

PREMIER MANUFACTURING COMPANY

Air Operated Couplings

270 AIR ADJUSTED COUPLING

Most popular bolt mounting pattern in the industry. Low profile, wear resistant. Premalloy and easy quick latching are features that have made the 270 standard with fleets around the world.
Gross Trailer Weight: 90,000 lbs.
Maximum Tongue Weight: 18,000 lbs.
Ultimate Latch Capacity: 12,000 lbs.
Maximum Eye X-Section: 1-13/16" (46 mm)
Minimum Eye Opening: 2-3/8" (60 mm)

Ordering Information:
Part No. 270, Coupling Only
Part No. 270A, Standard Installation Kit: Includes 270 coupling, 501 bolt kit, 281 air chamber, 267 air chamber adapter bracket, 271 thimble

570 AIR ADJUSTED COUPLING

When vertical clearance is at a premium, the #570 may be your solution. It offers a bottom mount air chamber, low profile and strong latching system. An oil cup is provided to quickly and easily lubricate the latch. This coupling must be used with an air service chamber.
Gross Trailer Weight: 90,000 lbs.
Maximum Tongue Weight: 18,000 lbs.
Ultimate Latch Capacity: 20,000 lbs.
Maximum Eye X-Section: 1-13/16" (46 mm)
Minimum Eye Opening: 2-3/8" (60 mm)

Ordering Information:
Part No. 570, Coupling Only

370 AIR ADJUSTED COUPLING

Used frequently in dump and pup applications, our popular 370 offers users a low profile, high latch strength and our Premalloy body for maximum wear.
Gross Trailer Weight: 90,000 lbs.
Maximum Tongue Weight: 18,000 lbs.
Ultimate Latch Capacity: 20,000 lbs.
Maximum Eye X-Section: 1-13/16" (46 mm)
Minimum Eye Opening: 2-3/8" (60 mm)

Ordering Information:
Part No. 370, Coupling Only
Part No. 370A, Standard Installation Kit: Includes 370 coupling, 502 bolt kit, 281 air chamber, 467 air chamber adapter bracket, 271 thimble

2200 AIR ADJUSTED COUPLING

Most popular mounting bolt pattern in the industry. Features exceptional latch strength, easy operation and low maintenance. Can be operated with or without an air service chamber.
Gross Trailer Weight: 100,000 lbs.
Maximum Tongue Weight: 20,000 lbs.
Ultimate Latch Capacity: 60,000 lbs.
Maximum Eye X-Section: 1-13/16" (46 mm)
Minimum Eye Opening: 2-3/8" (60 mm)

Ordering Information:
Part No. 2200, Coupling Only
Part No. 2200A, Standard Installation Kit: Includes 2200 coupling, 501 bolt kit, 281 air chamber, 267 air chamber adapter bracket, 271 thimble

470 AIR ADJUSTED COUPLING

Often used in the agricultural industry as well as tankers.
Gross Trailer Weight: 90,000 lbs.
Maximum Tongue Weight: 18,000 lbs.
Ultimate Latch Capacity: 12,000 lbs.
Maximum Eye X-Section: 1-13/16" (46 mm)
Minimum Eye Opening: 2-3/8" (60 mm)

Ordering Information:
Part No. 470, Coupling Only
Part No. 470A, Standard Installation Kit: Includes 470 coupling, 508 bolt kit, 281 air chamber, 467 air chamber adapter bracket, 271 thimble

2300 AIR ADJUSTED COUPLING

Popular with tanker fleet customers. Made from Premalloy for long life. Has unsurpassed latch strength and can be operated with or without an air service chamber.
Gross Trailer Weight: 100,000 lbs.
Maximum Tongue Weight: 20,000 lbs.
Ultimate Latch Capacity: 60,000 lbs.
Maximum Eye X-Section: 1-13/16" (46 mm)
Minimum Eye Opening: 2-3/8" (60 mm)

Ordering Information:
Part No. 2300, Coupling Only
Part No. 2300A, Standard Installation Kit: Includes 2300 coupling, 502 bolt kit, 281 air chamber, 467 air chamber adapter bracket, 271 thimble

2400 AIR ADJUSTED COUPLING

When installation and mounting is limited by bolt hole pattern, the 2400 may be the answer. Although one of the bottom three mounting holes must be used, you choose which one. This allows for maximum compatibility with existing mounting patterns. Popular with Pup and Dumps and Tanker applications.
Gross Trailer Weight: 100,000 lbs.
Maximum Tongue Weight: 20,000 lbs.
Ultimate Latch Capacity: 60,000 lbs.
Maximum Eye X-Section: 1-13/16" (46 mm)
Minimum Eye Opening: 2-3/8" (60 mm)

Ordering Information:
Part No. 2400, Coupling Only
Part No. 2400A, Standard Installation Kit: Includes 2400 coupling, 508 bolt kit, 281 air chamber, 467 air chamber adapter bracket, 271 thimble

Please contact a Gregg Distributors representative for Premier Couplings not shown in this listing; including replacement parts.

PREMIER MANUFACTURING COMPANY

PRM/3312

Air Operated Couplings — Accessories & Replacement Parts

271 SERIES THIMBLES

Highly wear resistant, Premier's thimbles are used between the Pushrod and Adjustment Shoe. 7/8" (22 mm) x 2¾" (70 mm) standard.
Part No. 271.

47 SERIES COUPLERS

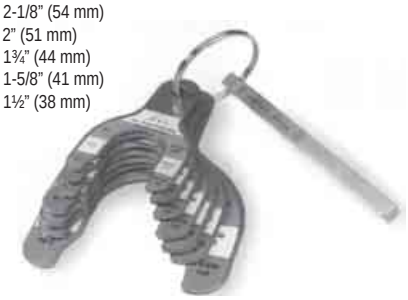
Used to connect Air Chamber Pushrod to Pushrod of Drawbar Eye. 3-5/8" (92 mm) long. Thread: 5/8"-18 NF to ¾"-16 NF.
Part No. 47.

SAFETY CHAIN HANGER

A strong, reliable and easy to install hanger system. Maximum tensile: 90,000 lbs.
Part No. 10.

SERVICEABILITY GAUGES

Designed to check the wear of Couplings, Drawbar Eyes and King Pin wear. These gauges are easy to use and are a must for maintenance managers and safety personnel.
Ordering Information:
Part No. 14000, Complete Gauge Kit: Includes all items below
Part No. 14020, 2-5/8" (67 mm)
Part No. 14017, 2¼" (57 mm)
Part No. 14029, Fleet Gauge Kit: Includes items below
Part No. 14026, 3/8" (10 mm) (Latch Gauge)
Part No. 14014, 2-1/8" (54 mm)
Part No. 14011, 2" (51 mm)
Part No. 14008, 1¾" (44 mm)
Part No. 14005, 1-5/8" (41 mm)
Part No. 14002, 1½" (38 mm)



EUCLID

EUC/2070

Holland Replacement Fifth Wheel Bushings

PART NO.	REPLACES	O.D.	I.D.	LENGTH
E-7451 (polyurethane)	Holland 1604-5	2¾"	1-1/8"	4¼"
E-8652 (polyurethane)	Holland 1604-9	2½"	1½"	4¼"
E-7450 (polyurethane)	Holland XB-0011-2	2¼"	1-1/8"	4¼"
E-8927 (polyurethane)	Holland XB-0012-2	2¼"	1-7/16"	4¼"

E-7451/E-8652

E-7450/E-8927

SYMPLASTICS LTD.

QQQ/3714

Poly Fifth Wheel Lubricating Disk

An alternative to grease for lubricating your fifth wheel. It is a greaseless poly disk that attaches to the underside of the trailer. Comes complete with retaining ring.
Part No. 13175.

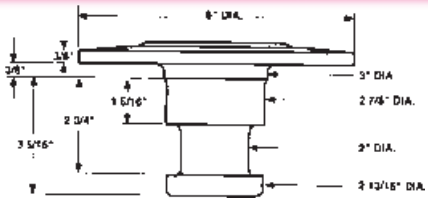
Part No. 13176, Replacement steel retaining ring.

EUCLID

EUC/2070

Trailer King Pin

Replaces various applications with weld-on king pins. 8" flange diameter.
Part No. E-700.



TECTRAN

QQQ/3748

King Pin Lock

•Zinc plated body •2" diameter locking bolt •Supplied with 2 brass keys •Durable iron casting
Part No. 1015.

Automotive & Heavy Duty Fleet Products

DYNALINE

Pintle Mounts & Hooks

11615-11617

11618-11621

11610

•Solid steel construction •Pintle hooks are supplied with removable lock pin and chain •Black enamel paint

PART NO.	DESCRIPTION	TONGUE WEIGHT	GROSS TRAILER WEIGHT
11610	Pintle mount	500 lbs.	10,000 lbs.
11615	8 Ton Pintle hook, w/ 1-7/8" ball	3000 lbs.	16,000 lbs.
11616	8 Ton Pintle hook w/ 2" ball	3000 lbs.	16,000 lbs.
11617	8 Ton Pintle hook w/ 2-5/16" ball	3000 lbs.	16,000 lbs.
11618	5 Ton Pintle hook	2000 lbs.	10,000 lbs.
11619	15 Ton Pintle hook	6000 lbs.	30,000 lbs.
11620	10 Ton Pintle hook	2000 lbs.	20,000 lbs.
11621	20 Ton Pintle hook	4000 lbs.	40,000 lbs.

TOW ASSIST

•Makes your ATV more versatile •Allows attachment of shackle, clevis, cables or straps.
Part No. 11196.

FULTON

Couplers

STRAIGHT TONGUE STAMPED FAS-LOK™ COUPLERS

The most popular coupler mechanism ever developed, the Fas-Lok™ originated with Fulton. Latching mechanism allows quick and easy trailer hook-up, and is factory adjusted for end user convenience. A coupler lock hole is provided for additional trailer security. Couplers do not include hitch balls.

PART NO.	BALL SIZE	SAE CLASS	TRAILER G.V.W.	TONGUE MOUNT
11200	1-7/8"	I	2000	2" wide channel
11250	1-7/8"	I	2000	2½" wide channel
11300	1-7/8"	I	2000	3" wide channel
22200	2"	II	3500	2" wide channel
22250	2"	II	3500	2½" wide channel
22300	2"	II	3500	3" wide channel
34300	2"	III	5000	3" wide channel

A-FRAME STAMPED COUPLERS

High strength steel housings — designed to weld onto frame members set at 50° angles. #33305 is rated for up to 5000 lbs. and offers standard A-frame jack mounting holes. The new and improved #44305R features the new Wedge-Latch™, the only replaceable ball clamp assembly in its class. Couplers do not include hitch balls.

PART NO.	BALL SIZE	SAE CLASS	TRAILER G.V.W.	TONGUE MOUNT
33305	2"	II	3500	50° A-Frame
44305R	2-5/16"	IV	10,000	50° A-Frame

33305

44305R

FULTON®

FULTON/BULLDOG TRAILER PRODUCTS

Bulldog Couplers

Forged Couplers - Designed for utility, horse/livestock, cargo, and construction trailer applications, Bulldog forged couplers are the strongest in the industry. The Bulldog design features the only automatic and continuously tight ball fit in the industry.

2B STYLE COUPLER

5,000 lbs. gross trailer weight for 2" balls

4B STYLE COUPLER

12,500 lbs. gross trailer weight for 2-5/16" balls

H - HIGH PROFILE LATCH

NO. 4 3" SQUARE/RECTANGULAR TONGUE MOUNT

High strength steel for 3" square or rectangular trailer tongue.

PART NO.	GROSS TRAILER WEIGHT	OVERALL LENGTH	LATCHES	BALL SIZE	SAE CLASS	COUPLER STYLE	DESCRIPTION
028382	5,000 lbs.	16¼"	High Profile	2"	III	2B Style	High strength steel for 3" square or rectangular tongue
028462	12,500 lbs.	16½"	High Profile	2-5/16"	N/A	4B Style	High strength steel for 3" square or rectangular tongue

NO. 8 A-FRAME TONGUE MOUNT

High strength steel for 50 degree trailer tongue.

PART NO.	GROSS TRAILER WEIGHT	OVERALL LENGTH	LATCHES	BALL SIZE	SAE CLASS	COUPLER STYLE	DESCRIPTION
028384	5,000 lbs.	16"	High Profile	2"	III	2B Style	High strength steel for 50° trailer tongue
028463	12,500 lbs.	16½"	High Profile	2-5/16"	N/A	4B Style	High strength steel for 50° trailer tongue

FULTON/BULLDOG TRAILER PRODUCTS

Gooseneck Couplers

Gooseneck Couplers - Bulldog gooseneck couplers are quick and easy to engage and strong and secure on the road. Easy grip locking handle is accessible from any position, even with a glove on. Self centrering locking plate lets you miss the ball by more than an inch. Tight ball fit reduces jarring when changing speeds or on rough roads.

ROUND GOOSENECK ADJUSTABLE COUPLER

PART NO.	GROSS TRAILER WEIGHT	OVERALL RETRACTED HEIGHT	ADJUSTMENT	BALL SIZE	DESCRIPTION
028925	25,000 lbs.	29.30"	8.0"	2-5/16"	4.5" diameter outer tube, 4" diameter inner tube, with cast locking plates. 3/4" load bearing pin.

SQUARE GOOSENECK ADJUSTABLE COUPLER

PART NO.	GROSS TRAILER WEIGHT	OVERALL RETRACTED HEIGHT	ADJUSTMENT	BALL SIZE	DESCRIPTION
028960	20,000 lbs.	42.25"	10.5"	2-5/16"	4.5" square outer tube, 4" square inner tube. (2) 3/4" diameter set screws.

FULTON

Trailer & Receiver Security Locks

HITCH LOCK
Economical theft deterrent with solid cast lock body. Fits all Fas-Lok™ and other standard couplers.
Part No. HLO.

COUPLER LOCK
Universal trailer coupler lock, durable cast body, will fit most 1-7/8", 2", and 2-5/16" couplers.
Part No. UTL100.

TRAILER KEEPER LOCK
Heavy duty, hardened steel construction. Adjustable to fit most trailer wheels up to 15". Includes brass lock and key set.
Part No. TK100.

RL LOCKS RECEIVER LOCKS
Plated steel pin; heavy duty cast lock body. Includes protective cover. Combo pack includes matching receiver lock and #HLO — keyed alike (#CLP63 fits 5/8" receivers).
Part No. RL50, ½" diameter pin for 1¼" x 1¼" receivers.
Part No. RL63, 5/8" diameter pin for 2" x 2" receivers.

DOGBONE™ RECEIVER LOCK
Easy to use, push-button lock mechanism. Protective cap shields lock mechanism from road debris.
Part No. DBRL50, ½" Dogbone receiver lock for 1¼" x 1¼" receivers.
Part No. DBRL63, 5/8" Dogbone receiver lock for 2" x 2" receivers.

DBRL50

PROCORE

Towing & Hitch Products

TRAILER BALLS

PART NO.	BALL DIAMETER	SHANK DIAMETER	SHANK LENGTH	GROSS LOAD RATING (LBS.)	STYLE
40-1001	1-7/8"	¾"	1½"	2,000	External
40-1003	1-7/8"	1"	2"	3,500	External
40-1008	2"	¾"	1½"	3,500	External
40-1010	2"	1"	2"	5,000	External
40-1014	2-5/16"	1"	2"	5,000	External
40-1016	2-5/16"	1¼"	2"	7,500	External
40-1018	2-5/16"	1¼"	2"	10,000	External
40-1019	2-5/16"	1¼"	2"	12,000	External
40-1021	1-7/8"	¾"	1¾"	2,000	Internal
40-1028	2"	¾"	1¾"	3,500	Internal
40-1042	1-7/8"	¾"	3¼"	2,000	Long Shank External
40-1048	2"	¾"	3¼"	3,500	Long Shank External
40-1050	2"	1"	3¼"	5,000	Long Shank External
40-1068	2"	1"	1" Rise	3,500	Extra Lift External
40-1070	2"	1"	2" Rise	3,500	Extra Lift External
40-1075	2-5/16"	1¼"	1" Rise	7,000	Extra Lift External
40-1077	2-5/16"	1¼"	2" Rise	5,000	Extra Lift External

External | Internal | Long Shank External | Extra Lift External

2" RECEIVER TUBES

•Black powder coated finish
Part No. 40-1208, 2" I.D. x 8".
Part No. 40-1210, 2" I.D. x 10".
Part No. 40-1212, 2" I.D. x 12".
Part No. 40-1224, 2" I.D. x 24".
Part No. 40-1236, 2" I.D. x 36".

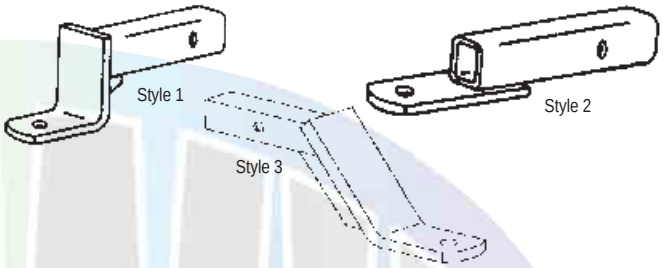
TRI-BALL MOUNT

•Solid shank for 2" receiver tubes •Black powder coated finish •5/8" hitch pin hole •All three towing ball sizes (1-7/8", 2", and 2-5/16") on one solid shank
Part No. 40-1198.

BALL MOUNTS

•Black powder coated finish

PART NO.	STYLE	DROP	LENGTH	TW	GTW	HITCH BALL SHANK
Hollow Tube						
40-1112	1	3"	10"	600	6,000	1"
40-1120	1	4"	10"	600	6,000	1"
40-1136	1	6"	10"	600	6,000	1"
40-1143	1	8"	10"	600	6,000	1"
40-1103	2	2"	8"	600	6,000	1"
40-1106	2	2"	10"	600	6,000	1"
40-1152	3	2"	8¼"	500	5,000	1"
40-1154	3	4"	8¼"	600	6,000	1"
40-1156	3	6"	9½"	600	6,000	1"
Solid Tube						
40-1174	1	4"	9-3/8"	800	8,000	1¼"
40-1176	1	6"	9-3/8"	800	8,000	1¼"
40-1165	2	2"	9"	800	8,000	1¼"



CHANNEL COUPLERS

•Zinc finish

PART NO.	BALL SIZE	SAE CLASS	GROSS LOAD RATING	CHANNEL SIZE
40-1322	1-7/8"	I	2000	2" wide channel
40-1324	1-7/8"	I	2000	2½" wide channel
40-1326	1-7/8"	I	2000	3" wide channel
40-1332	2"	II	3500	2" wide channel
40-1334	2"	II	3500	2½" wide channel
40-1336	2"	II	3500	3" wide channel

Part No. 40-9902, Coupler repair kit for 1-7/8" couplers.

Part No. 40-9904, Coupler repair kit for 2" couplers.

A-FRAME TRAILER COUPLERS

•Black enamel finish

PART NO.	FITS BALL SIZE	SAE CLASS	GROSS LOAD RATING
40-1355	2"	III	5,000 lbs.
40-1365	2-5/16"	IV	10,000 lbs.

8-TON COMBINATION HITCH

•Solid steel construction •Forged steel ball •Black enamel painted finish •3000 lb. tongue weight •16,000 lb. gross trailer weight

PART NO.	DESCRIPTION	REPLACEMENT BALL
40-1401	1-7/8" trailer ball	40-1091
40-1404	2" trailer ball	40-1094
40-1407	2-5/16" trailer ball	40-1097

FORGED PINTLE HOOKS

•Forged steel pintle hooks •Black enamel painted finish

PART NO.	CAPACITY	TONGUE WEIGHT	GROSS TRAILER WEIGHT
40-1411	5 Ton	2000 lbs.	10,000 lbs.
40-1413	8 Ton	3200 lbs.	16,000 lbs.
40-1415	10 Ton	4000 lbs.	20,000 lbs.
40-1417	15 Ton	6000 lbs.	30,000 lbs.

Replacement pin and chain for pintle hitch and pintle hooks.
Part No. 40-1419.

PROCORE

PINTLE MOUNTS

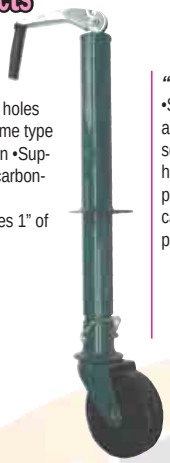
•Solid shank •Welded support bracket •Black powder coat finish

PART NO.	INSERT SIZE	PLATE SIZE	PAIRS OF HOLES	GROSS TRAILER WEIGHT
40-1421	2" x 9"	5" x 3.75"	2	20,000 lbs.
40-1423	2" x 9"	5" x 7.38"	4	10,000 lbs.
40-1425	2" x 10.25"	5" x 7.38"	4	10,000 lbs.
40-1427	2" x 12.25"	5" x 12.50"	7	10,000 lbs.

NEW!!

A-FRAME JACKS

•Welded triangular bracket with pre-drilled holes for easy bolt mounting or welding to A-Frame type trailer couplers •Top wind handle operation •Supplied with detachable 6½" reinforced polycarbonate caster •Black enamel painted finish
•Part No. 40-1506 top wind handle provides 1" of travel per 8 revolutions



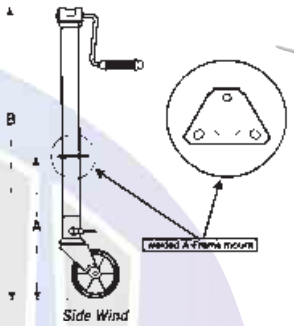
"SWING-WAY" BOAT JACKS

•Swivel mechanism swings and locks jack to storage position when not in use •Pull type locking pin secures jack into load-bearing position •Side wind handle operation •Fits tongues up to 3" x 5" •Supplied with non-removable reinforced polycarbonate caster and mounting hardware •Black enamel painted finish.

TOP WIND TUBE MOUNT JACKS

•Heavy duty rolled threads provide smooth operation and dependability •Top wind handle provides 1" of travel per 5 revolutions •Supplied with 4 position mounting tube, lock-pin, and nylon grip handle •Black enamel painted finish.

PART NO.	STYLE	SUPPORT CAPACITY IN LBS.	LIFT CAPACITY IN LBS.	LIFT	A (RETRACTED)	A (EXTENDED)	B (RETRACTED)	B (EXTENDED)
40-1502	A-Frame	1,000	600	7½"	14½"	22"	30"	45"
40-1506	A-Frame	5,000	3,000	13½"	15½"	30"	28½"	40½"
40-1511	Swing Way Boat	850	500	10"	15"	25"	25"	35"
40-1522	Top Wind Tube Mount	3,500	2,000	9¼"	11¼"	20½"	16"	27"
40-1524	Top Wind Tube Mount	3,500	2,000	14¾"	15½"	30¼"	25"	42"



TOP WIND SWIVEL MOUNT JACKS

•Heavy duty rolled threads provide smooth operation and dependability •Top wind handle provides 1" of travel per 5 revolutions •Equipped with a 360° swivel bracket with 4 locking positions •Convenient spring loaded pull pin provides for fast and easy operation •Nylon grip handle designed for comfort •Black enamel painted finish.

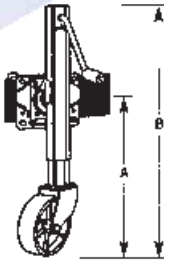
SIDE WIND TUBE MOUNT JACKS

•Internal gear mechanism and heavy duty rolled threads provide smooth operation and dependability •Removable cover exposes gear housing for easy lubrication •Smooth side wide handle operation •Supplied with 4 position mounting tube, lock pin and rubber grip handle •Black enamel painted finish.

SQUARE TUBE "DROP LEG" JACKS

•Heavy duty 2½" square tube "weld-on" construction designed for reliability and durability •Smooth operation •Drop leg adjusts 13½" in addition to lift •Black enamel painted finish.

PART NO.	STYLE	SUPPORT CAPACITY IN LBS.	LIFT CAPACITY IN LBS.	LIFT	A (RETRACTED)	A (EXTENDED)	B (RETRACTED)	B (EXTENDED)
40-1532	Top Wind Swivel Mount	3,500	2,000	10"	11½"	21¼"	15¼"	27"
40-1534	Top Wind Swivel Mount	3,500	2,000	15"	15"	30"	22"	36"
40-1542	Side Wind Tube Mount	5,000	3,000	10"	11½"	21½"	17½"	28"
40-1544	Side Wind Tube Mount	5,000	3,000	15"	15"	30"	22"	37"
40-1564	Top Wind Square Tube	7,000	4,000	29"	24½"	52½"		
40-1574	Side Wind Square Tube	7,000	4,000	29"	25"	54"		



HITCH PIN ASSEMBLY

•For securing ball mounts to receiver type hitches •Made of high carbon steel •Zinc plated finish •Supplied with hair pin clip •Blister card packaged
Part No. 40-1602, 1/2" hitch pin.
Part No. 40-1604, 5/8" hitch pin.

HAIR PIN CLIPS

•Oil tempered MB spring wire •Clear zinc plated finish
Part No. 40-1622, 5/32" x 2-5/8" OAL.
Part No. 40-1624, 3/16" x 3-5/16" OAL.

TOW HOOKS

•Pre-drilled 1/2" diameter mounting holes •10,000 lbs. load rating.
Part No. 40-1652, Black enamel painted finish.
Part No. 40-1657, Chrome plated finish.

PROCORE™

CHANNEL TRAILER COUPLERS

Features large trigger-action latch designed for ease of operation. Black enamel painted finish.

PART NO.	FITS BALL SIZE	CHANNEL SIZE	GROSS LOAD RATING
11156	1-7/8"	2"	2000 lbs.
11157	1-7/8"	2½"	2000 lbs.
11158	1-7/8"	3"	2000 lbs.
11159N	2"	2"	3500 lbs.
11159	2"	2½"	3500 lbs.
11160	2"	3"	3500 lbs.

A-FRAME TRAILER COUPLERS

PART NO.	FITS BALL SIZE	GROSS LOAD RATING
11161	2"	5000 lbs.
11162	2-5/16"	10,000 lbs.

TRAILER COUPLER REPAIR KITS

Part No. 11163, Repair kit fits #11156, 11157, 11158 couplers (1-7/8" ball).
Part No. 11164, Repair kit fits #11159N, 11159, 11160 couplers (2" ball).

PULL PINS

For securing ball mounts to receiver type hitches. Made of high carbon steel with zinc plated finish. Supplied with hair pin clip.

PART NO.	DIAMETER	USABLE LENGTH
66270	1/2"	3"
66271	5/8"	3"

HITCH LOCK PINS

Two sizes to fit most receiver type hitches. Bright chrome plated pin with black enamel painted body. Two keys supplied. Clamshell packing.

PART NO.	DIAMETER	USABLE LENGTH
66274	1/2"	2½"
66275	5/8"	3"

COUPLER LOCK

Fits all latch type couplers. Bright chrome plated finish. Two keys supplied. Clamshell packaging.
Part No. 66276.

DYNALINE

CELEBRATING 40 YEARS
1968 Gregg 2008

Couplers & Accessories

•These couplers offer an exclusive Quick-Lock ball clamp assembly that can be adjusted without the need of wrenches •D-L couplers, coupler balls, and trailer safety chains meet all requirements of SAE J684 and VESC V-5 standards for Class 1, 2, and 3 •Couplers are easily and quickly unlocked by a trigger action release on safety lever •Safety pin can be inserted through a hole in lever to provide a secondary means of securing ball clamp in a locked position •A-frame couplers are designed to be mounted on frame members set at 50° •A padlock may be substituted for pin if security against trailer theft is desired •D-L coupler repair kits allow for easy replacement of entire ball clamp assembly if original becomes damaged or worn •Clamshell packaging is standard except on model 990 A-frame couplers

SAE Class 1: For gross trailer weights up to 2000 lbs.
SAE Class 2: For gross trailer weights up to 3500 lbs.
SAE Class 3: For gross trailer weights up to 5000 lbs.

PART NO.	SAE CLASS	BALL SIZE	HOUSING WIDTH (INSIDE)
940P-1	1	1-7/8"	2"
960P-1	1	1-7/8"	2½"
970P-1	1	1-7/8"	3"
980P-2	2	2"	3"
981P-2	2	2"	2"
982P-2	2	2"	2½"
985P-3	3	2"	3"
990P-3	3	2"	A-frame
990P-3N*	3	2"	A-frame

*Without jack hole

940P-1, 960P-1, 970P-1

980P-2, 982P-2, 981P-2

985P-3

990P-3N

COUPLER GRIP

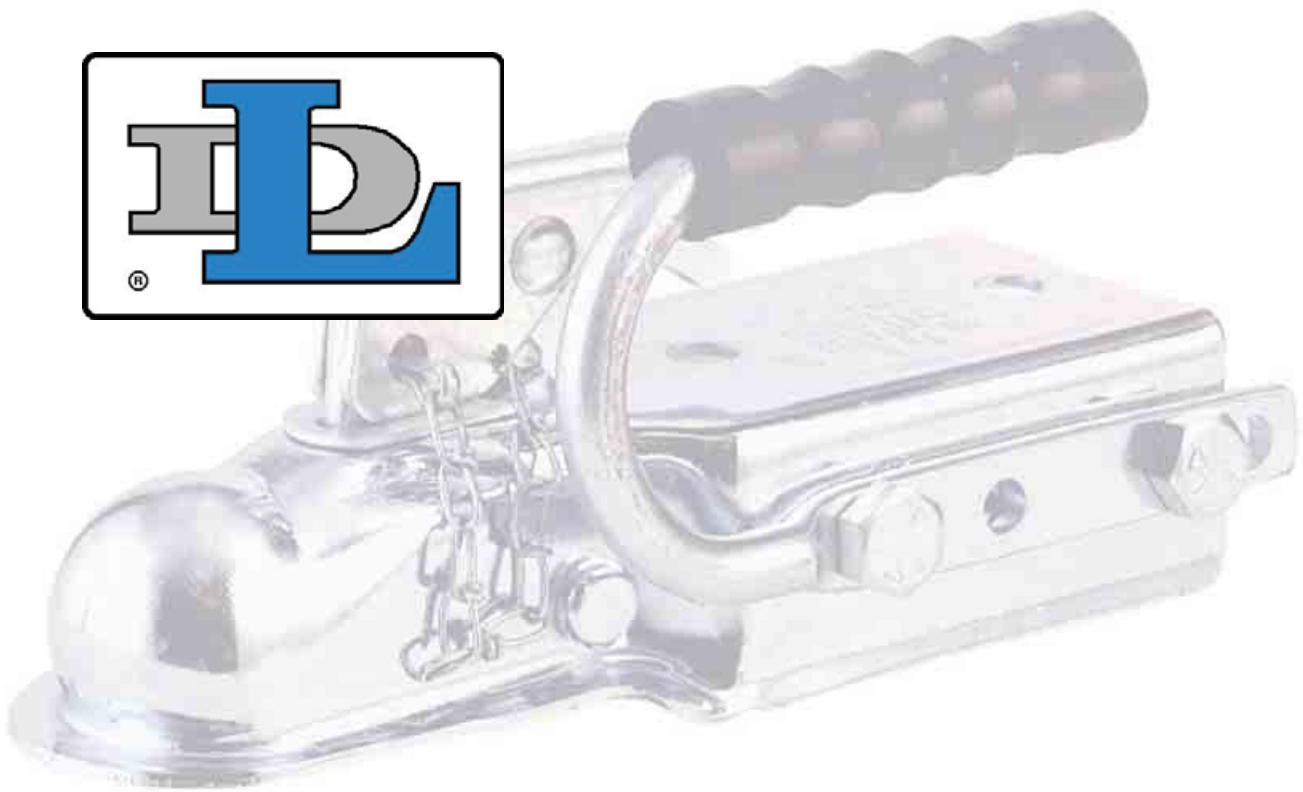
Bolts onto coupler with universal mounting holes. Fits 1-7/8" and 2" couplers. Coupler grip provides convenient and safer way to guide trailer tongue to and from coupler ball. Ideal for personal watercraft and other lightweight trailers. Zinc plated TUFFPLATE™ finish with large comfortable grip.
Part No. 6295.

BUMP-ME® COUPLER-VEHICLE CUSHION

Absorbs blow between coupler and towing vehicle when hook-up is misjudged. Slips onto the coupler flange. No tools required. Molded with UV inhibitor, resists deterioration and stays flexible in all kinds of weather. Fits most brands of Class 1 - 4 couplers.
Part No. 6279.

COUPLER REPAIR KITS

For D-L Quick-Lock couplers only. Kits cannot be interchanged with component parts of any other D-L models or other manufacturers' couplers.
Part No. 6256-1, Class 1, 1-7/8" ball size.
Part No. 6257-2, Class 2, 2" ball size.



DYNALINE
Trailer Balls

Bright chrome plated finish. Individually boxed.

INTERNAL THREAD

PART NO.	BALL DIAMETER	THREAD DIAMETER	THREAD LENGTH	GROSS LOAD RATING (LBS.)
11148	1-7/8"	3/4"	1¾"	2000
11149	2"	3/4"	1¾"	3500

EXTERNAL THREAD

PART NO.	BALL DIAMETER	SHANK DIAMETER	SHANK LENGTH	GROSS LOAD RATING (LBS.)
11147	1-7/8"	1"	2"	3500
11151	1-7/8"	3/4"	1½"	2000
11152	2"	3/4"	1½"	3500
11153	2"	1"	2"	5000
11154	2-5/16"	1"	2"	5000
11155	2-5/16"	1¼"	2"	7500
11155H	2-5/16"	1¼"	2"	10,000
11155X	2-5/16"	1¼"	2"	12,000

EXTRA LIFT EXTERNAL THREAD

PART NO.	BALL DIAMETER	SHANK DIAMETER	RISE	GROSS LOAD RATING (LBS.)
11253	2"	1"	1"	3500
11254	2"	1"	2"	3500
11255	2-5/16"	1¼"	1"	7000
11256	2-5/16"	1¼"	2"	5000

LONG SHANK EXTERNAL THREAD

PART NO.	BALL DIAMETER	SHANK DIAMETER	SHANK LENGTH	GROSS LOAD RATING (LBS.)
11250	1-7/8"	1"	3"	2000
11251	1-7/8"	3/4"	3¼"	2000
11252	2"	3/4"	3¼"	3500
11257	2"	1"	3¼"	5000
11262	2"	1"	2¼"	12000
11263	2-5/16"	1"	3"	6000

TRAILER BALL PARTS

Part No. 11170, Trailer ball reducer bushing, 1" to 3/4".
Part No. 11171, Trailer ball reducer bushing, 1¼" to 1".

TRAILER BALLS — CLAMSHELL PACKAGED

PART NO.	BALL DIAMETER	THD./SHANK DIAMETER	THREAD/ SHANK LENGTH	GROSS LOAD RATING (LBS.)
11147P	1-7/8"	1"	2"	3500
11148P	1-7/8"	3/4"	1¾"	2000
11149P	2"	3/4"	1¾"	3500
11151P	1-7/8"	3/4"	1½"	2000
11152P	2"	3/4"	1½"	3500
11153P	2"	1"	2"	5000
11154P	2-5/16"	1"	2"	5000
11155P	2-5/16"	1¼"	2"	7500

DUTTON-LAINSON
Coupler Balls

For a perfect fit to D-L couplers. All models are chrome plated. Part numbers 6296 and 6297 are internally threaded; all others are 1 piece, externally threaded.

PART NO.	SAE CLASS	BALL SIZE	MOUNTING DIAMETER & LENGTH	MIN. - MAX. MOUNTING THICKNESS	HEIGHT
6396	1	1-7/8"	3/4" x 1¾" shank	3/8" - 1"	Std.
6397	2	2"	3/4" x 1-11/16" shank	3/8" - 7/8"	Std.
6390	2	2"	1" x 1-13/16" shank	1/4" - 3/4"	2" hi-rise
6391	3	2"	1" x 2" shank	1/4" - 1"	Std.
6392	3	2"	1" x 1¾" shank	1/4" - 5/8"	1" hi-rise
6393	6000 lb.	2-5/16"	1" x 2" shank	5/16" - 15/16"	Std.
6394	10,000 lb.	2-5/16"	1¼" x 2-3/16" shank	5/16" - 1-1/8"	Std.
6398	1	1-7/8"	3/4" x 2-1/8" shank	7/16" - 1-5/16"	Std.
6399	2	2"	3/4" x 2" shank	3/8" - 1¼"	Std.

MASTER LOCK®

MAS/2755

Coupler Lock & Hitch Ball System

INTERCHANGEABLE HITCH BALL SYSTEM

Change from one ball diameter to another without the need for any tools. Each ball comes with its own, permanently attached, retention blade which means that there are no loose parts that can be easily misplaced. Retention blade includes a pocket-knife style groove to help rotate it from the shaft. The shaft includes a 13/16" wide flat area for a wrench to aid installation. Chrome plated, solid steel components are able to withstand the elements.

Steps:
1. Lift and flip the blade of the ball
2. Rotate the ball 1/4 turn
3. Lift the ball to remove

Part No. 2806DATSC, 3/4" shank, 1-7/8" and 2" balls.
Part No. 2807DATSC, 1" shank, 1-7/8" and 2" balls.

2806DATSC

COUPLER LOCKS

Part No. 377DAT, 1-7/8" and 2" universal.
Part No. 378DAT, 2-5/16" adjustable.

377DAT

378DAT

DYNALINE

DYN/1978

Tow Hooks

Pre-drilled 1/2" diameter mounting holes. 10,000 lbs. load rating.

Part No. 11145, Black enamel painted finish.
Part No. 11146, Chrome plated finish.

11145

11146

FULTON

FLT/2302

Utility Ramps

Loading ATVs, snowmobiles and lawn equipment is easy with the full range of loading ramps from Fulton. Durable, lightweight aluminum construction resists corrosion and allows for convenient handling. All models fold for storage. All ramps include stability chains and S-hooks. There are vinyl strips on the back of top plate to help prevent marring.

MODEL	RAMP STYLE	DISTRIBUTED LOAD CAPACITY LBS.	POINT LOAD CAPACITY LBS.	RAMP DIMENSIONS		WEIGHT LBS.	RUNG SPACING
				OPEN	FOLDED		
SM69	Bi-fold	1000	250	30" x 69"	15" x 69" x 4½"	17	8"
SR69	Tri-fold	1500	400	45" x 69"	15" x 69" x 5½"	27	8"
SR77	Tri-fold	1500	400	50" x 77"	16" x 77" x 6"	36	8"
CFR**	Arched	500*	300*	86" x 12"	49" x 12" x 4½"	20	4"
SMC69	Tri-fold	1200	300	45½" x 69"	15" x 69" x 5½"	20	8"
TR45	Bi-fold	1000	250	45" x 45"	22½" x 45" x 4½"	17	8"

SM69

**Sold as single ramp sections
*Capacity per section

CFR

SMC69

TR45

STEEL RAMP ENDS

Conveniently turn your ordinary 2" x 8" or 2" x 12" lumber into a pair of loading ramps. Heavy duty, zinc plated steel construction. Includes all necessary mounting hardware. 700 lb. distributed load capacity and a 500 lb. point load capacity. Top style ramp end, 12" wide.
Part No. RE12T.

SR69

DUTTON-LAINSON
Trailer Accessories

SPARE TIRE CARRIER & DOLLY BRACKET
Revolving spare tire carrier. Will fit either 4 or 5 hole rim for 8", 9", and 12" tires. Padlock hole in main shaft. Fits 3" x 3" and 3" x 4" square tongues. Black powder coated finish.
Part No. 6221.

TRAILER SPARE TIRE BRACKET
Extends spare tire up and away from trailer and boat. Heavy duty steel construction. Maximum tire and wheel size 14". Fits 4 or 5 hole rim and trailer tongues up to 3" x 5", complete with mounting hardware.
Part No. 6121.

SPARE TIRE CARRIER
Extra length allows handling of wide tires or spans the wider tongues of custom built trailers. Fits 4 or 5 hole rims. Zinc plated TUFFPLATE™ finish. Carded.
Part No. 6220.

SPARE TIRE CARRIER WITH LOCK
Adds extra protection. Fits 4 or 5 hole rims.
Zinc plated TUFFPLATE™ finish. Carded.
Part No. 6280, With padlock.
Part No. 6281, Less padlock.

GROTE
Trailer Towing Products

SPLIT WIRE HARNESS
4 wire split-Y trailer harness with male connector. 25 ft.
Part No. 68420EA.

BOAT & UTILITY TRAILER WIRING KIT
For durable re-wiring of boat, bike, snowmobile, or utility trailers. A complete wire harness package: 25 ft. trailer harness, 4 ft. trunk harness, 6 no-splice connectors.
Part No. 68540EA.

PREMIER MFG. CO.
Jacks

600 JIFFY JACK
600 Series Jiffy Jacks out perform any other jack in its class. Our unique "Jiffy Quick Release" and other features make this the jack of choice for many fleets around the world.
Features: •"Jiffy Quick Release" for instant, one-lever lowering and retracting of the leg without cranking •Quick-Action spring activated folding handle that seats in a positive position for travel. This keeps the handle short, compact and out of the way. •DOM tubing inner and outer tube provide a strong precision fit between tubes reducing penetration of outside contaminants
Capacity: 5,000 lbs. operational, 10,000 lbs. static.

Ordering Information:

Part No. 600-15-729-688-HD, Jack; standard 15" travel with shock absorption and swivel mount.
Part No. 60012726, Jack; standard 12" travel w/ caster plate.
Part No. 600P12729, Jack; standard 12" travel w/ sand shoe.
Part No. 600P15726, Jack; standard 15" travel w/ caster plate.
Part No. 600P15729, Jack; standard 15" travel w/ sand shoe.
Part No. 600P20729, Jack; standard 20" travel w/ sand shoe.

Optional Accessories:
Part No. 688, Swivel Mount: Helps lift jack up and out of harm's way when travelling.

Replacement Parts:
Part No. 677A, Handle Assembly.
Part No. 375A, Locknut.
Part No. 675, Roll Pin.
Part No. 611C, Roll Pin.
Part No. 611, Trip Rod Lever.
Part No. 614, Trip Rod.
Part No. 607B, Spring.
Part No. 603, Jack Screw (12" travel).
Part No. 604, Jack Screw (15" travel).
Part No. 619, Jack Screw (20" travel).
Part No. 606, Bearing.
Part No. 605, Washer.
Part No. 607, Brass Half-Nut.
Part No. 608, Spring (12" travel).
Part No. 609, Spring (15" travel).
Part No. 619C, Spring (20" travel).
Part No. 726, Caster Plate.
Part No. 729, Sand Shoe.

Please consult your Gregg's Representative for all your Premier needs. Many options/configurations are available. Please see next page for general steps in selecting the Jack that's right for you.

Jacks

700 CUSTOM JACK

Designed for long life with minimal maintenance, the 700 is easily adapted to nearly any application.
Features: •Quick-Action spring activated folding handle that seats in a positive position for travel. This keeps the handle short, compact and out of the way. •DOM tubing inner and outer tube provide a strong precision fit between tubes reducing penetration of outside contaminants •Tube support collar on outside tube for added strength •Oil cup for convenient lubrication of main bearing and power screw
Capacity: 5,000 lbs. operational, 10,000 lbs. static.

Ordering Information:

Part No. 70015726, Jack; standard 15" travel with shock absorption and caster plate.
Part No. 700P15726, Jack; standard 15" travel with caster plate.
Part No. 700P15729, Jack; standard 15" travel with sand shoe.

Please consult your Gregg's Representative for all your Premier needs. Many options/configurations are available. Please see below for general steps in selecting the Jack that's right for you.

Optional Accessories:
Part No. 688, Swivel Mount: Helps lift jack up and out of harm's way when travelling.
Part No. 688US, Swivel Mount: Universal version of the 688. The 688US easily adapts to existing jacks that already have the standard mounting plate installed.

Replacement Parts:
Part No. 677A, Handle Assembly.
Part No. 375A, Locknut.
Part No. 675, Roll Pin.
Part No. 605, Washer.
Part No. 606, Bearing.
Part No. 707, Brass Half-Nut.
Part No. 703, Jack Screw.
Part No. 726, Caster Plate.
Part No. 729, Sand Shoe.

688
Swivel Mount

800 UTILITY JACK

Designed to accomodate light to medium duty applications
Features: •Quick-Action spring activated folding handle that seats in a positive position for travel. This keeps the handle short, compact and out of the way. •Strong, precision fit square tubing help reduce penetration of outside contaminants •Tube support collar on outside tube for added strength •Oil cup for convenient lubrication of power screw
Capacity: 2,500 lbs. operational, 5,000 lbs. static.

Please consult your Gregg's Representative for all your Premier needs. Many options/configurations are available. Please see below for general steps in selecting the Jack that's right for you.

Ordering Information:
Part No. 800P15829, Jack; standard 15" travel with caster plate.

Optional Accessories:
Part No. 688, Swivel Mount: Helps lift jack up and out of harm's way when travelling.

Replacement Parts:
Part No. 677A, Handle Assembly.
Part No. 375A, Locknut.
Part No. 675, Roll Pin.
Part No. 605, Washer.
Part No. 806, Bearing.
Part No. 803, Jack Screw.

Step 1: Determine The Jack Best Suited to Your Needs:

Review the features of Premier's 600, 700 and 800 series jacks to determine which line best suits your application

600
JIFFY

700
STANDARD

800
UTILITY

Step 2: Shock Absorption:

Premier's 600 Jiffy Jack and 700 Standard Jack both offer an optional shock system that reduces the potential for jack damage due to sudden load drops. If this feature is not desired, it is indicated by a "P" in the part number.

WITH SHOCK ABSORPTION

WITHOUT SHOCK ABSORPTION

Step 3: Specify Travel Length of Stroke:

The 600 Series Jack offers various travel lengths. Determine your required travel length and select the appropriate part number.

Step 4: Select a Caster Suited to Your Needs:

If a caster is desired, Premier has many casters to fit your needs. Please consult your Gregg's Representative for more details.

SAND SHOE

STEEL CASTER

PNEUMATIC CASTER

FULTON

TOUGH & TRUSTED BULLDOG

HEAVY DUTY JACK

Ideal for use on stock trailers and gooseneck trailers.
NOTE: Handle is sold separately (below).
•12,000 lb. capacity side wind design with 12" screw travel, 14" of drop leg adjustment and 9" square foot plate
•Stamped embossments prevent tube wobble
•Proprietary nut material and patented two-piece floating nut design provide for 20% less handle effort and substantially increased life cycle performance over competitor models
•Unique hex drive input shaft coupled with precision alloy gear train improves torque transmission, allows gear train service-ability and results in 20% faster actuation than competitive jacks
•Ergonomically designed 7/8" diameter pull pin provides ease of drop leg actuation

PART NO.	FINISH/DESCRIPTION	STATIC LOAD (IN LBS.)	WIND STYLE	DIMENSIONS		TUBE DIMENSION		
				RETRACTED	EXTENDED	INNER	HOUSING	DROP FOOT
HD12KS	Spring return drop foot, street side pull pin	12,000	Side	28.25"	40.50"	3.50" sq.	4.00" sq.	3.00" sq.

Part No. JHHB, 12K jack handle kit, horizontal yoke.

XP10

BOLT-THRU SWIVEL JACKS

Fulton offers the strongest bolt-thru swivel mount in the industry. The patented mount uses 3-D formed heavy gauge steel stampings and a proprietary bushing material for a mount with minimal deflection and maximum support. This design allows us to offer the industry's only 1500 pound capacity caster jack with 8" rally wheel for easier castering. Mounting brackets will accommodate up to 3" x 5" trailer frames.

PART NO.	FINISH/DESCRIPTION	STATIC LOAD (IN LBS.)	WIND STYLE	DIMENSIONS		PULL PIN DIAMETER	WHEEL DIAMETER
				RETRACTED	EXTENDED		
XP10	Zinc w/ caster	1000	Side	12.75"	22.75"	3/8"	6"
XP15	Zinc w/ caster	1500	Side	12.75"	22.75"	1/2"	8"

TJ503

SNAP RING SWIVEL JACKS

The industry standard in swivel mount jacks, these are time tested and application proven. From marine and utility trailers, to industrial outriggers, to farm implements, Fulton snap ring swivel jacks have seen it all, and performed superbly. Fulton snap-ring mounts fit up to a 3" x 5" trailer frame. Bolt-on versions include all necessary mounting hardware. *You must order Mounting Bracket and Snap Ring separately, (below).

PART NO.	FINISH/DESCRIPTION	STATIC LOAD (IN LBS.)	WIND STYLE	DIMENSIONS		MOUNTING BRACKET	PULL PIN DIAMETER
				RETRACTED	EXTENDED		
TJ503	Zinc, w/ 6" diameter caster	800	Side	12.75"	22.75"	Bolt-on incl.	3/8"
210SS01	Primed outer, zinc inner, w/ footplate	2000	Side	10.75"	20.50"	*	1/2"

Part No. P9211-00, Mounting bracket for #210SS01.
Part No. P9086-00, Retaining ring for #210SS01.

210SS01

A-FRAME JACKS

A-Frame jacks are engineered to meet heavy duty demands of today's rental, RV, industrial, agricultural, commercial and marine trailers. High strength triangular steel mounting brackets provide easy bolt-on or weld-on mounting and ensure years of trouble free service. Whether choosing a round or square tube jack, Fulton casters, foot plates and drop legs (sold separately below) easily mount to the jacks, and offer a variety of load support options.

PART NO.	FINISH/DESCRIPTION	STATIC LOAD (IN LBS.)	WIND STYLE	DIMENSIONS		TUBE DIMENSIONS	
				RETRACTED	EXTENDED	INNER	HOUSING
JA214T	Primed outer, zinc inner; round tube	2000	Top	8.00"	22.25"	2.00"	2.25"
JA214S	Primed outer, zinc inner; round tube	2000	Side	8.25"	22.00"	2.00"	2.25"
35TA15	Primed outer, zinc inner; square tube	5000	Top	7.50"	23.00"	2.00"	2.25"

Part No. CE555, Caster, for round tubes, fits 2" tube.
Part No. F2000, Footpad, for round tubes, fits 2" tube.
Part No. DF3500, Drop leg, for square tubes.

PLAIN MOUNT DROP LEG JACKS

Fulton's heavy duty drop leg jacks are fabricated from high strength, telescoping, structural steel tubing, and offer additional lift adjustment for higher hitch platforms, equipment outriggers and other applications. Corrosion resistant finishes and high efficiency cranking mechanisms give end users a long lasting, easy operating jack.

PART NO.	FINISH/DESCRIPTION	STATIC LOAD (IN LBS.)	WIND STYLE	DIMENSIONS		TUBE DIMENSION		
				RETRACTED	EXTENDED	INNER	HOUSING	DROP FOOT
35SP28F	Primed outer, zinc inner, with footpad, square tube	5000	Side	23.50"	37.25"	2.00" sq.	2.25" sq.	1.75" sq.
70SP28F	Primed outer, zinc inner, with footpad, square tube	7000	Side	24.25"	38.00"	2.25" sq.	2.50" sq.	2.00" sq.

NOTE: If the jack is used with a caster, footplate or drop leg, the system capacity will be based on the lesser value of the two capacities. For example, a 1000 lb. capacity caster used on a 2000 lb. capacity jack will limit the system capacity to 1000 lbs.

Jacks

TUBE MOUNT SWIVEL JACKS

Tube mount swivel jacks offer the convenience of a swivel mechanism with the durability needed for commercial, agricultural, and industrial markets. A locking pin secures the jacks in the vertical position for support, or in the storage position for ease of transport. A standard, heavy gauge steel footplate provides firm ground support on all surfaces. Includes the weld-on mating mounts.

PART NO.	FINISH/DESCRIPTION	STATIC LOAD (IN LBS.)	WIND STYLE	DIMENSIONS		PIN SIZE
				RETRACTED	EXTENDED	
35SG15F	Primed outer, zinc inner, w/ foot, square tube	5000	Side	15.00"	29.75"	5/8
35TG15F	Primed outer, zinc inner, w/ foot, square tube	5000	Top	15.00"	30.25"	5/8

FIXED MOUNT JACK

Light duty flip-up trailer stand, zinc finish, with caster. 6.25" retracted; 15.00" extended. 300 lb. capacity. Fits 3" x 3" frame.
Part No. TS300.

CAMPER STABILIZER

Offers a ratchet style mechanism for raising/lowering, all-steel construction and zinc plating for corrosion protection. Unit is a pair c/w handle. Adjustment range: 11-1/8" - 18¾".
Part No. 772.

Jacks & Replacement Parts

A-FRAME JACKS

•Heavy duty round tube with slotted universal fit triangular bracket for easy bolt mounting or welding to A-Frame type trailer couplers. Supplied with detachable 6½" reinforced polycarbonate caster. Mounting bolts not included. Black enamel painted finish.
Part No. 11463, Top wind handle operation, provides 1" of travel per 8 revolutions.
Part No. 11465, Top wind handle operation.
Part No. 11467, Side wind handle operation.
Part No. 11492, Top wind handle operation, without base.
Part No. 11493, Top wind handle operation, without base.

Top Wind

Side Wind

Top Wind Without Base

PART NO.	SUPPORT/LIFT CAPACITY IN LBS.	LIFT	A (RETRACTED)	B (RETRACTED)	A (EXTENDED)	B (EXTENDED)
11463	5000/3000	13½"	15½"	28½"	30"	43"
11465	1000/600	13"	14½"	29"	27½"	42"
11467	1000/600	10"	14"	24"	24"	36"
11492	5000/3500	15"	7½"	—	—	22"
11493	7000/5000	15"	10"	—	—	24"

11463

11467

"SWING-WAY" BOAT JACK

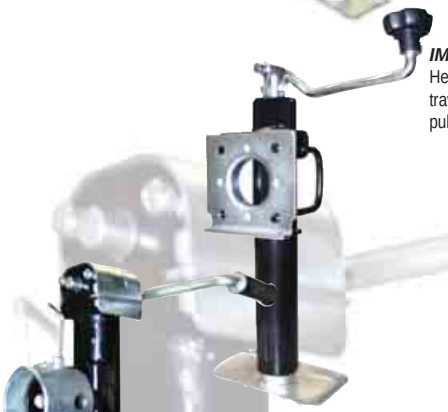
Quick and easy operation. Heavy duty swivel mechanism swings and locks jack to storage position when not in use. Pull type locking pin secures jack into load-bearing position. Side wind handle operation. Fits tongues up to 3" x 5". Supplied with non-removable reinforced polycarbonate caster and mounting hardware. Equivalent to Fulton #TJ-503. NOTE: Model #11476 is salt resistant to 300 hours.

PART NO.	SUPPORT/LIFT CAPACITY IN LBS.	LIFT	A (RETRACTED)	A (EXTENDED)	B (RETRACTED)
11466	850/500	10"	13"	23"	23"
11477	1500/900	10"	15"	25"	25"

IMPLEMENT JACKS, TOP WIND TUBE MOUNT

Heavy duty rolled threads provide smooth operation and dependability. Top wind handle operation provides 1" of travel per 5 revolutions. Supplied with 4 position mounting tube, lock pin and nylon grip handle. Black enamel painted finish.

PART NO.	SUPPORT/LIFT CAPACITY IN LBS.	LIFT	A (RETRACTED)	A (EXTENDED)	B (RETRACTED)
11468	3500/2000	10"	11¼"	20½"	16"
11469	3500/2000	15"	15¼"	31½"	21¾"



IMPLEMENT JACKS, TOP WIND SWIVEL BRACKET MOUNT

Heavy duty rolled threads provide smooth operation and dependability. Top wind handle operation provides 1" of travel per 5 revolutions. Equipped with a 360° swivel bracket with 4 locking positions. Convenient spring-loaded pull pin provides for fast and easy operation. Nylon grip handle designed for comfort. Black enamel painted finish.

PART NO.	SUPPORT/LIFT CAPACITY IN LBS.	LIFT	A (RETRACTED)	A (EXTENDED)	B (RETRACTED)
11470	3500/2000	10"	11"	21¼"	16½"
11471	3500/2000	15"	15"	30"	22"

IMPLEMENT JACKS, SIDE WIND TUBE MOUNT

Improved internal gear mechanism and heavy duty rolled threads provide smooth operation and dependability. Removable cover exposes gear housing for easy lubrication. Smooth side wind handle operation. Supplied with 4 position mounting tube, lock pin and rubber grip handle. Black enamel painted finish.

PART NO.	SUPPORT/LIFT CAPACITY IN LBS.	LIFT	A (RETRACTED)	A (EXTENDED)	B (RETRACTED)
11472	5000/3000	15"	15"	30"	22"
11473	5000/3000	10"	11½"	21½"	17½"
11474	7000/4000	10"	11½"	21½"	17½"
11475	7000/4000	15"	15"	30"	22"
11478*	5000/3000	10"	11½"	21½"	17½"
11479*	5000/3000	15"	15"	30"	22"

*With large base plate: 6" x 8¼".

11487

11481

DROP LEG JACKS & SQUARE TUBE JACKS

Heavy duty 2½" square tube "weld-on" construction designed for reliability and durability. Smooth operation. Drop leg adjusts 13½" in addition to lift. Black enamel painted finish. Equivalent to Fulton and Bulldog brands. *= Square Tube Jack.

PART NO.	OPERATION	SUPPORT/LIFT CAPACITY IN LBS.	LIFT	A (RETRACTED)	A (EXTENDED)
11480*	Top wind	3500/2000	14"	21"	37½"
11487	Top wind	7000/4000	29"	24½"	52½"
11481*	Side wind	3500/2000	14"	24"	37½"
11488	Side wind	7000/4000	29"	25"	54"

JACK REPLACEMENT PARTS

Part No. 11501, Internal mounting tube - fits #11468, 11469, 11472, 11473.
Part No. 11500, External mounting tube - fits #11468, 11469, 11472, 11473, 11474, 11475.

Tongue Jacks

When hitching and unhitching loaded trailers, D-L tongue jacks are real back savers. These easy to install smooth operating tongue jacks can be mounted in a variety of ways on various sizes of trailer tongues. Heavy duty D-L tongue jacks reduce the physical effort required to manoeuvre a loaded trailer into hitching position or removing the trailer from a vehicle. All models are made from heavy gauge steel for strength and durability.

PART NO.	TYPE	MOUNTING STYLE	HANDLE TYPE	CAPACITY	TRAVEL	MAXIMUM TONGUE HEIGHT	MAXIMUM TONGUE SIZE
6400A	Screw	Swivel-side mount	Side	800 lbs.	10”	24¼”	3” x 5”
6418A	Screw	A-frame*	Side	800 lbs.	15”	29-3/8”	3” x 5”
6726	Stand	Swivel-side mount w/ foot	N/A	1000 lbs.	-	12½”	3” x 5”
6740	Rack	Rigid-top mount	Side	800 lbs.	18-3/8”	29-3/8”	3” x 5”
6800A	Screw	Swivel-side mount	Side	1500 lbs.	12”	28½”	3” x 5”

*Caster or foot plate sold separately.

6400A

6740

Ag-Industrial Jacks

D-L GoldenRod ag-industrial jacks are used for lifting and levelling applications. Top wind and side wind swivel jacks feature precision rolled Acme thread inner screw, heavy duty thrust bearing, and heavy gauge steel outer and inner tubes for long life, easy cranking, and smooth, trouble-free operation. Tubular mounting style includes industry standard 2” weld-on mounting tube and 9/16” diameter locking pin. Swivel mount jacks use spring loaded locking mechanism for quick, easy operation. Black powder coated outer tube and zinc plated TUFFPLATE™ finish inner tube and foot for superior rust resistance.

PART NO.	MOUNTING STYLE	HANDLE TYPE	CAPACITY	TRAVEL	OVERALL HEIGHT*	BRACKET HEIGHT
6620	6615 Tube mount included	Side	2000 lbs.	10”	21”	11”
6621	6616 Weld-on bracket included	Side	2000 lbs.	10”	21”	11”
6623	6615 Tube mount included	Side	2000 lbs.	15”	30”	15”
6624	6616 Weld-on bracket included	Side	2000 lbs.	15”	30”	15”
6630	6615 Tube mount included	Top	2000 lbs.	10”	21”	11”
6631	6616 Weld-on bracket included	Top	2000 lbs.	10”	21”	11”
6633	6615 Tube mount included	Top	2000 lbs.	15”	30”	15”
6634	6616 Weld-on bracket included	Top	2000 lbs.	15”	30”	15”

*Overall height is measured from top of jack to ground in retracted position.

6620

Jack Accessories & Parts

Part No. 6605, Removable wheel for #6418A jack. Tough polypropylene wheel and bracket, 800 lb. capacity. Includes quick attach pin.
Part No. 6606, Removable foot for #6418A jack. Steel support foot, 1000 lb. capacity. Includes quick attach pin.
Part No. 6608, Wheel lock. Grips wheel to eliminate wheel roll. Step on one end to lock, opposite end to release. Includes locking lever, cam, and 1/2” x 3½” mounting bolt. Wheel lock fits most tongue jacks with 6” wheel.
Part No. 6615, 2” weld-on mounting tube.
Part No. 6616, 4” x 5” weld-on mounting bracket.
Part No. 6806, Poly wheel for trailer tongue jacks.
Part No. 6812, Miter gear kit for all trailer tongue jacks manufactured with date code prior to 4296.
Part No. 6810, Side handle for all trailer tongue jacks manufactured with date code prior to 4296.
Part No. 6802, Dual poly wheel for #6800A tongue jack.
Part No. 6804, Bolt mounting bag for pivot jacks, all models.
Part No. 6808, Mounting bracket for pivot jacks, all models.
Part No. 6617, Snap ring.
Part No. 6618, 9/16” detent pin.
Part No. 6619, Top wind replacement handle.

6621

6619

6605

6606

6616

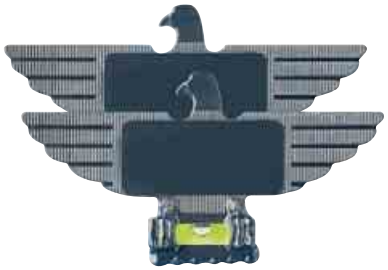
6617

6618

Hoppy™

MULTI-PURPOSE EAGLE LEVEL

The Eagle silhouette with a 5" wingspan has been a long time favourite with RV owners. Easy to apply, no tools required, the self-sticking adhesive backing holds the level securely in place. Yellow-green high visibility glass vial provides at-a-glance levelling. Card of 2.
Part No. 02925.

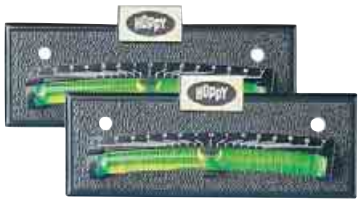


MULTI-PURPOSE SMALL LEVEL

Most versatile level sold, perfect for levelling pool tables, power equipment, refrigerators, appliances, camera equipment, picture frames, RVs, campers, and more. Self-sticking adhesive makes easy application with no tools required. Easy-to-read yellow-green glass vial provides accurate consistent levelling at a glance. Card of 2.
Part No. 03925.

MULTI-PURPOSE GRADUATED LEVEL

Designed to take the guess work out of camper and RV levelling. Graduated markings provide accurate elevation requirements. Sold in pairs, one for levelling front to back; one for side to side adjustments. Comes complete with self-sticking backing and screw holes, if a more permanent installation is preferred. High visibility yellow-green vial. Card of 2.
Part No. 08525.

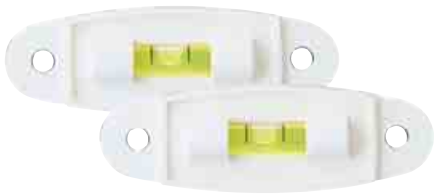


SUPER LEVEL

Specifically designed for use on trailers in tow. With a quick glance in the rearview mirror, the driver of the towing vehicle can easily read the large high visibility ball level. The Super Level also includes a small level vial to indicate front to back adjustment. Screw-on installation provides a permanent level reference.
Part No. 04025.

MULTI-PURPOSE SCREW-ON LEVEL

Permanent levelling reference for all types of campers and equipment. Self-sticking adhesive backing makes initial adjustment simple and easy, once in place. Screw holes are provided for permanent installation. Compact, yet accurate with high visibility yellow-green glass vial. Card of 2.
Part No. 09025.



SURFACE LEVEL

Amazingly versatile and can be used for hundreds of applications. Perfect "bullseye" level for all surfaces such as pool tables, shop equipment, machinery, sensitive instruments, and camper equipment. Each side is marked for quick accurate levelling of vertical surfaces. Small and compact, fits in a pocket or tool box.
Part No. 09515.

COMPU-HITCH LEVEL

Permanently mounted to trailer hitch to indicate the adjustments required for a perfectly level trailer. Comes with a snap-on cap to protect from weather and damage. Easy to read high visibility yellow-green glass vials. Eliminates trial and error camper levelling. Front to back and side to side levelling from a single unit.
Part No. 09715.

LEVEL LIGHT®

Bright LED lights up when your trailer is level! When you pull into a campground after dark, levelling your trailer is difficult because you can't see your level. The Hoppy Level-Light makes levelling your RV, day or night, much easier.
•Features a high intensity reflective light source to indicate the level position •Level is obtained when the bubble crosses the light beam •Can be seen from a distance, especially at night •Saves time and frustration •Patent-pending design
Part No. 09215.

Hoppy®

Trailer Wiring Accessories

BRAKE MASTER™ BREAK-AWAY KIT

Rustproof, plastic case protects battery and charger. For use on single, tandem and tri-axle trailers with electric brakes. Includes 12 volt sealed rechargeable battery, battery charger and Break-Away Switch.
Part No. 20001.

THE ENGAGER™ BREAK-AWAY SYSTEM

With the introduction of The Engager™ trailer breakaway system, Hoppy is changing the way consumers protect their trailer investment. •Activates trailer brakes upon separation from tow vehicle •Built-in battery meter with LED test lights •Convenient test button verifies battery charge •LEDs indicate: fully charged, re-charge, or charging •Built-in battery charger •Charges battery while plugged into vehicle •1 to 2 axle capacity •5 amp hour battery
Part No. 20400, Complete system with battery meter includes switch, cable/pin, and mounting screws.

Part No. 20407, Weldable Mounting Plate for #20400. Eliminates need to drill holes in trailer frame.

UNIVERSAL WIRING KITS:

These kits are designed for vehicles that are not equipped with factory taillight plugs and contain everything a do-it-yourselfer would need to complete a 4-wire flat application (3M Scotchloks with grease sealant and a circuit tester).

For vehicles equipped with common bulb turn signals and brake lights.
Part No. 46105.

For vehicles equipped with independent bulb turn signals and brake lights.
Part No. 46155.

POWER TAILLIGHT ISOLATOR & POWER TAILLIGHT CONVERTER:

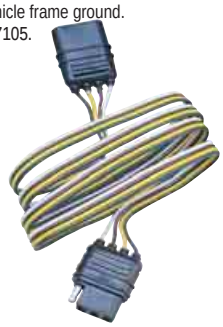
These units completely isolate the tow vehicle from trailer malfunctions. Power is taken directly from the battery for isolation and brighter trailer taillights.

Solid state electronics. For vehicles equipped with independent bulb turn signals and brake lights or common bulb systems.
Part No. 46255.

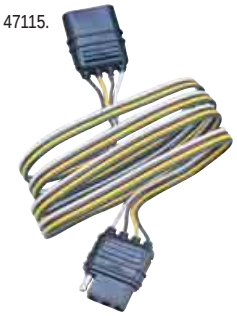
EXTENSIONS/ADAPTERS:

Hoppy trailer wiring systems have taken the guesswork and frustration out of vehicle trailer wiring. Pre-wired vehicle to trailer wiring extensions and adapters give the consumer a means to create a custom wiring system appropriate for any towing situation that's plug-in simple.

4-wire flat modular replacement. This unit is included in most T-connector kits. Utilizes an exterior vehicle frame ground.
Part No. 47105.



4-wire flat extension. Extends wiring system 48" for more flexibility. Passes through vehicle ground.
Part No. 47115.



4-wire flat to 6-way round, plastic.
Part No. 47155.

4-wire flat to 6-way round, metal.
Part No. 47165.

4-wire flat to 7-way RV blade round, plastic.
Part No. 47205.

Multi-Tow™ 2-in-1 tow harness. Provides 7 RV blade round or 4-wire flat towing capability. Both from one location; weatherproof.
Part No. 47185.

Multi-Tow™ tow harness. Provides 6 round or 4-wire flat towing capability. Both from one location; weatherproof.
Part No. 47175.

Multi-Tow™ tow harness. Provides 7RV blade and 4-wire flat towing.
Part No. 40955.

Multi-Tow™ tow harness. Provides 6-way and 4-wire flat towing.
Part No. 40965.

ADAPTERS:
Adapters provide the ability to tow several other trailers without having to re-wire your tow vehicle. Available in one piece compact design or with wires for flexibility.

6-way round to 4-wire flat adapter.
Part No. 47305.

6-way round to 4-wire flat adapter; flexible.
Part No. 47315.

6-way round to 4-wire flat. Includes function testing LEDs.
Part No. 47325.

7-way RV blade to 4-wire flat. Includes function testing LEDs.
Part No. 47345.

7-way RV blade to 4-wire flat adapter.
Part No. 47355.

7-way RV blade to 4-wire flat adapter; flexible.
Part No. 47365.

7-way RV blade to both 5-wire flat and 4-wire flat.
Part No. 47385.

7-way pin type to 4-wire flat adapter.
Part No. 47405.

4-way round to 4-wire flat adapter; flexible.
Part No. 47465.

7-way RV blade to 6-round adapter. Centre pin auxiliary. Universal — centre pin can be switched to electric brake.
Part No. 47545.

7-way RV blade to 6-round adapter. Centre pin electric brake. Universal — centre pin can be switched to auxiliary.
Part No. 47555.

7-way RV blade to both 6-round and 4-wire flat. Centre pin auxiliary. Universal — centre pin can be switched to electric brake.
Part No. 47565.

7-way RV blade to both 6-round and 4-wire flat. Centre pin electric brake. Universal — centre pin can be switched to auxiliary.
Part No. 47575.

4-wire flat knockout adapter. For use with 1.25" hole diameter or #48605 bracket.
Part No. 47605.

4-WIRE FLATS:
A 4-wire flat is the most common used trailer plug available. This plug is found on small boat, utility, jet ski, snowmobile, and small camper trailers where right turn/brake, left turn/brake, tail/marker lights and ground is needed. Available in SAE design.

48" trailer end. Includes 3 splice connectors.
Part No. 48125.

10 ft. 4-wire flat extension. Ideal for 5th wheel trailers.
Part No. 48235.

12" 4-wire flat non-shrouded loop. Works great with Ford tow packages.
Part No. 48145.

Flat-Lite™ 4-wire flat tester/dust cover. Tests left/right turn, taillights, and brake.
Part No. 48675.

5-flat wire flats.
Part No. 47905, 60" vehicle end.
Part No. 47915, 18" trailer end.

LED 48" Tow Vehicle End. Verify vehicle side wiring is correct. Integrated "easy-pull" grip.
Part No. 48055.

Automotive & Heavy Duty Fleet Products

Trailer Wiring Accessories

MISCELLANEOUS CONNECTORS & ACCESSORIES:

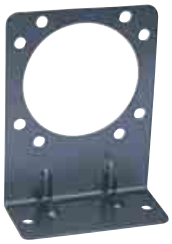
6-pole round trailer end plug only.
Part No. 48445.

7-pole RV blade round, tow vehicle end socket only, plastic.
Part No. 48485.

7-pole RV blade round, trailer end plug only, plastic.
Part No. 48505.

4, 5, 6-pole, knockout mounting bracket.
Part No. 48605.

7, 9-pole mounting bracket.
Part No. 48615.



NEW!!

POWER MANAGEMENT:

These products help you get 12-Volt power wherever you may need it in your vehicle. Great for tailgating, camping, hunting, boating, emergency use — and countless other applications. Products that plug into a 12-Volt socket include blenders, coolers, air compressors, spot lights, radios, TVs... Imagine the possibilities!

12-Volt Power Socket. Flush mount design means no drilling required. Mounts anywhere 12 volt power is needed. Weather proof dust cover.
Part No. 55110.

12-Volt Power Socket. Same as #55110 except includes 17 ft. power wire and fuse assembly.
Part No. 55115.

12-Volt Power Socket with Utility Light. Provides bonus light for multi-purpose use. Flush mount design. Mounts anywhere 12 volt power is needed. Weather proof dust cover.
Part No. 55120.

12-Volt Power Socket with Utility Light. Same as #55120 except includes 17 ft. power wire and fuse assembly.
Part No. 55125.

BRAKE CONTROLS & ACCESSORIES:

PLUG-IN SIMPLE!® BRAKE CONTROLS — Make your brake control installation easy! No more running wires through the firewall or searching for the stop switch. No more hassles...Plug-In Simple!®

BRAKE-FORCE™ Electronic Brake Control. This time-based brake control utilizes an LED light that changes from green to different levels of bright orange monitoring power to the trailer. The control offers short-proof capabilities, single power adjustment wheel, and can be mounted in any direction. For 2, 4, and 6 brake systems. NOTE: Each model comes w/ wiring harness.
Part No. 37835, Ford.
Part No. 37845, Dodge.
Part No. 37855, Chev/GMC/Cadillac.

IMPULSE™ Electronic Brake Control. Setting the power on a brake control has never been easier with the digital display on this time-based brake control. The digital display shows power in increments of 5% and is your trouble shooting guide for mis-wired trailers. The control is short-proof and can be mounted in any direction. Display can be reversed to mount unit upside down. For 2, 4, and 6 brake systems. NOTE: Each model comes w/ wiring harness.
Part No. 37865, Ford.
Part No. 37875, Dodge.
Part No. 37885, Chev/GMC/Cadillac.

RELIANCE™ Electronic Brake Control. Digital display feature: numerical from 5% to 99%. Set the exact percentage of power you desire with the brake power level. Short proof protection from trailer brake wire shorts. Error codes indicate short circuit.
Part No. 47285.

NEW!!

Brake connector, Ford F-Series pick-up w/ tow prep., 1992-93.
Part No. 47695.

Brake connector, FORD:
•F-Series pick-ups, 1994-04
•Expedition 1997-04
•Van (full size) 1994-98 w/ tow prep.
•Excursion 2000-04
Part No. 47705.

Brake connector, DODGE:
•Ram pick-up 1997-03
•Dakota 1997
•Durango 1998-03 w/ tow prep.
Part No. 47745.

Brake connector, CHEV/GMC:
•Silverado 1999-02
•Sierra 1999-02
•Suburban 2000-02
•Tahoe 2000-02
•Yukon 2000-02
•Denali 2000-02
•Escalade 2000-02
Part No. 47775.

PLUG-IN SIMPLE!® ACCESSORIES/CONNECTORS

Second vehicle mounting kit.
Part No. 47685.

Ford connector.
Part No. 47715.

Dodge connector.
Part No. 47755.

Chev/GMC/Cadillac connector.
Part No. 47795.

REESE

Trailer T-Connectors

•Make quick work of wiring 4-way flat plugs to most of today's popular towing vehicles with Reese T-connectors. No cutting, splicing or taping necessary, simply connect into the vehicle wiring harness. All products are retail packaged.

Gregg Distributors carries the Reese line of Trailer T-Connectors. Please ask for further information.

QQQ/1380

BEARING BUDDY®
Wheel Bearing Protectors

Bearing Buddy is designed for use on boat trailers, utility, horse, ATV trailers, as well as camping trailers, and other equipment and occasional use trailers. Trailering even a short distance heats the hubs of your trailer and when they are submerged in water, the hubs suddenly cool. This causes the air inside unprotected hubs to contract, forming a vacuum which draws in water through the rear seals. Trailers which are not used regularly are also subject to bearing corrosion and failure from condensation moisture. Bearing Buddy will prolong the life of your hubs by replacing the axle dust cap. The hub is filled with grease through a zerk fitting in the piston of the Bearing Buddy. This spring loaded piston holds a slight constant 3 lb. pressure inside the hub. When wheels are submerged the pressure in the hub keeps water out.

BEARING BUDDY

Consult chart below for your application and part number - SOLD IN PAIRS.

Bearing Buddy No.	Outer Bearing Cone	Outer Bearing Cup (Race)	Hub Bore Size (in inches)
1980	L44643, L44649, L44640	L44610	1.980
1781	LM11949	LM11910	1.781
2328	LM67048, hub not counterbored	LM67010	2.328
1810	LM12749	LM12711	1.810
1938	09067	09194, 95, 96	1.938
1968	M12649, 07100	M12610, 07196	1.968
2047	Various	07204	2.047
2080	900 series	900 series	2.080
2240	1700 series	1729	2.240
2441	LM67048, hub counterbored 15123 and others	LM67010, 15245	2.441
2717	14124, 14125A	14276	2.717

BEARING BUDDY II

Bearing Buddy II is the same product as the Bearing Buddy with the added features of Auto Check Visual Lubricant and Pressure Indicator. SOLD IN PAIRS.

Part No. 1980A, Bearing Buddy II for 1.98" bearing bore.

BEARING BUDDY BRA

Bearing Buddy Bra is designed to keep grease off the wheels which can come from overfilling of axle hubs, and that which is automatically relieved by the Bearing Buddy. SOLD IN PAIRS.

Part No. 19B, Fits Bearing Buddy numbers 1980, 1938, 1968.

Part No. 17B, Fits Bearing Buddy numbers 1781, 1810.

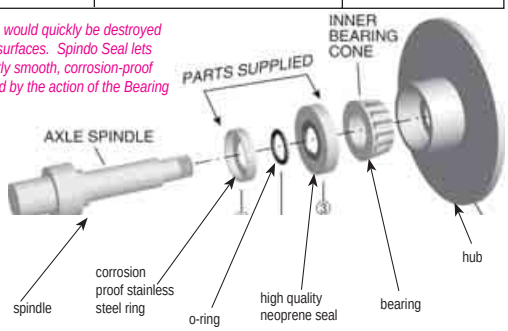
Part No. 23B, Fits Bearing Buddy numbers 2328, 2441, 2717.

SPINDO SEAL

Can be used with a Bearing Buddy on trailers with brakes or they can be used as replacement axle seals.

Part No.	Use With Bearing Buddy	If Inner Bearing Cone Number Is	And Seal Diameter Is
1	1980	L-44643	1.98"
2	1980, 1968	LM-48548; L-68149	2.56"
3	1980	LM-29749	2.56"
4	1938	15123	2.63"
5	1980	L-44649	1.98"
7	1781	LM-67048	2.33"
8	2328	LM-67048	2.33"
9	1938	15123	2.50"
10	1810	L-68149	2.36"
11	2441	25580	3.38"

Before Spindo Seal, seals would quickly be destroyed by rough or rusty sealing surfaces. Spindo Seal lets seals ride on a permanently smooth, corrosion-proof surface constantly greased by the action of the Bearing Buddy. Sold in pairs.



BOWER

Trailer Wheel Bearing Kits

These Trailer Wheel Bearing Kits are individually boxed packages, and they contain everything needed to replace the bearings on one wheel. Also included in the kit are detailed instructions, a grease pack, and cotter pin.

All of these kits are filled with O.E.-quality bearings and seals. These parts are suitable for a variety of applications including boat trailers, snowmobile/RV trailers, horse trailers, etc. To guard against bearing corrosion - and potential damage to recreational equipment if trailer bearings fail on the road - customers are encouraged to change bearings at least once a year, and to use BCA Trailer Wheel Bearing Kits.

Trailer Wheel Bearing Kit Contents:

Part No. FM001- 3/4" Axle Shaft
•Two A-2s (LM11949/LM11910)
•One 204020 Seal
•One Cotter Pin (1/8" x 2")
•One Grease Pack (55 gram)
•One Installation Instruction Sheet

Part No. NAT002 - 1" Axle Shaft
•Two A-14s (L44643/L44610)
•One 203025 Seal
•One Cotter Pin (1/8" x 2")
•One Grease Pack (55 gram)
•One Installation Instruction Sheet

Part No. FM003 - 1" Axle Shaft
•Two A-19s (07100/07196)
•One 203012 Seal
•One Cotter Pin (1/8" x 2")
•One Grease Pack (55 gram)
•One Installation Instruction Sheet

Part No. FM004 - 1¼" Axle Shaft
•Two A-6s (LM67048/LM67010)
•One 203013 Seal
•One Cotter Pin (1/8" x 2")
•One Grease Pack (55 gram)
•One Installation Instruction Sheet

Part No. FM005 - 1-3/8" Axle Shaft
•Two A-5s (LM48548/LM48510)
•One 205015 Seal
•One Cotter Pin (1/8" x 2")
•One Grease Pack (55 gram)
•One Installation Instruction Sheet

TRAILER WHEEL BEARING KIT INTERCHANGE

BCA NO.	CR NO.	SKF NO.
FM001	#22	RTK-1
NAT002	#21	RTK-3
FM003	-	-
FM004	#23	RTK-4
FM005	-	RTK-5

REESE

Brakeman™ Brake Controls

Brake controls by Reese are 100% solid state electronics designed for use with two to eight brake systems. These units meet all national highway traffic safety administration regulations regarding tow vehicle/trailer stoplight activation. Its ease of operation and innovative design features make it the perfect choice for today's towing vehicles.

On the Reese Brakeman brake controls, an output control is located on the front of the unit for easy adjustment. The Brakeman-Compact uses a slide adjustment. The Brakeman-Digital has a thumb wheel adjustment. The Brakeman-Compact has a red indicator light on the front of the unit which illuminates when the brakes are applied. The Brakeman-Digital has a digital display on the front of the unit which indicates the output and "sync" setting when a trailer is connected and trailer brakes are applied. In the case of an overload, caused by either a short or low power supply, the Brakeman-Digital will display an overload warning. Mounting bracket and hardware are included. Trailer brakes may be manually applied by squeezing the manual control, located on the front of both units. This control also triggers the trailer and tow vehicle's stop lights when brakes are applied.

Gregg Distributors Ltd. carries the Reese line of Brake Controls. Please ask for further information.

TEKONSHA

Brake Controls

Tekonsha Voyager® Brake Control - Its compact size and features, like a bicoloured LED brake monitor (to assure a complete connection to trailer brakes and give an indication of relative braking power being applied) make the Voyager extremely versatile. Voyager minimizes interference with tow vehicle electrical systems, uses a four wire hook up, has a broad setting range and is compatible with most any vehicle.
Part No. 9030, For 2 to 8 brake systems (1 to 4 axle).

Envoy™ Brake Control - Envoy is an inertially activated brake control ideal for installation in late model tow vehicles. Unique power knob allows you to adjust to varying trailer weights with a positive tactile response between each position. Ergonomic styling that complements interiors of late model tow vehicles. Envoy braking system reacts proportionally to the manner in which you stop, whether it be a slow coasting stop or an emergency stop, Envoy will respond accordingly.
Part No. 9040, For 2 to 4 brake systems (1 to 2 axle).

Tekonsha Prodigy, The Smart Control - The latest and most intelligent brake control from Tekonsha. This powerful control features new motion sensor technology similar to what's used in the aerospace industry. With Prodigy no manual level adjustment is necessary, it adjusts itself to varying terrains as you drive. It is equipped with a sensor that detects the tow vehicle's rate of deceleration, applies proportional braking to the trailer and features an exclusive "Boost" feature that gives users the ability to apply more initial trailer braking power (especially when towing heavier trailers).
Part No. 90185, For 2 to 8 brake systems (1 to 4 axle).

TEKONSHA

TEKONSHA Brake Controls

AccuTrac® and DigiTrac® II Brake Controls - AccuPower's smooth stopping controls are excellent choices for your more demanding heavier loads and constantly changing load conditions (as in transportation of horses or livestock). These advanced controls are able to detect the difference between a gradual deceleration like slowing for a traffic light and the stopping power required when braking for an unexpected event. Their advanced electronics and patented Inertia Sensing System are designed for consistent and predictable stopping power. The Inertia Sensing System uses two separate power delivery controls - one for "around town" gradual stopping and one for urgent sudden stops.

ACCUTRAC® ELECTRIC BRAKE CONTROL

Features:
•1-2 axle trailers
•Separate slide controls adjust braking action for different towing loads
•LED lights green indicating trailer brakes connected and changes to red as power to trailer brakes increases
•Easy-to-reach manual override control
Part No. 80510.

DIGITRAC® II ELECTRIC BRAKE CONTROL

Features:
•1-4 axle trailers
•Separate slide controls adjust braking action for different towing loads
•Large easy to read dual digital display shows:
a) Properly wired control
b) Voltage output to brakes
c) Connection to trailer
•Dark smoke lens ideal for direct light applications; performs better than red lens
Part No. 80750.

Pod® and Pilot® Brake Controls - AccuPower's Pod® and Pilot® brake controls are great choices for your basic economical light duty towing needs. These time actuated controls have solid state electronics and can be mounted in any position - horizontal, vertical, even turned upside down.

POD® ELECTRIC BRAKE CONTROL

Features:
•1-2 axle trailers
•Power on LED for a positive tow vehicle to trailer connection
•"Up front" manual override controls
Part No. 80500.

PILOT® ELECTRIC BRAKE CONTROL

Features:
•1-3 axle trailers
•Large easy to read dual digital display shows:
a) Properly wired control
b) Voltage output to brakes
c) Connection to trailer
•Dark smoke lens ideal for direct light applications; performs better than red lens
•Microprocessor allows control to be mounted upside down and still have a readable display
•Protection against short circuit and loss of ground
Part No. 80550.

PRIMUS™ BRAKE CONTROL

Introducing Primus, a totally proportional electric trailer brake control. Primus utilizes the primary sensor technology from Prodigy and features the Tekonsha one-step "Point and Go" set-up system. Easy to set system allows the driver maximum flexibility when determining how the trailer should respond to a braking event. Snap-in dash mounting clip and removable electrical connector allow unit to be quickly stored when not in use. You will appreciate the digital readout depicting a secure electrical connection and the amount of voltage delivery to the trailer brakes. Primus meets highway regulations regarding tow vehicle/trailer light activation. For 1, 2, and 3 axle trailers.
Part No. 90155.

Brake Control Accessories

3015/3025

6562

Part No. 3015, GM brake control wiring harness, 2003-2005.
Part No. 3025, GM brake control wiring harness, 1999-2002.
Part No. 3035, Ford brake control wiring harness, 1994-2005 (excluding 2005 Super Duty).
Part No. 3065, Ford Super Duty brake control wiring harness, 2005.
Part No. 3020, Dodge brake control wiring harness, 1996-2005.
Part No. 6562, 7-way RV style trailer emulator, used for the proper installation and set-up of a brake control when a trailer is not readily available.

Breakaway Systems & Accessories

BREAKAWAY KITS

For use on single, tandem and/or tri-axle trailers equipped with electric brakes. These complete systems incorporate the highest quality components in trailer breakaway systems. Meet or exceed DOT specifications regarding trailer breakaway and holding requirements. If a breakaway occurs between your tow vehicle and your trailer, the breakaway systems will automatically apply consistent braking power to your trailer brakes. Quick and easy to install, the system comes with a weather/corrosion resistant heavy duty polymer case to protect the battery and charger.

2028

20010

Part No. 2026, Includes #2018 polymer battery case with A-frame or post mounting bracket; #2023 rechargeable sealed 12V 5 amp/hr lead acid battery and terminals; #2010B nylon breakaway switch.

Part No. 20005, Includes #2051 lockable all polymer battery case with flat surface mounting; #2023 rechargeable sealed 12V 5 amp/hr lead acid battery and terminals; #2010B nylon breakaway switch.

Part No. 20010, Includes #20000 lockable polymer battery case with weldable flat surface mounting; #2023 rechargeable sealed 12V 5 amp/hr lead acid battery and terminals; #2010B nylon breakaway switch.

Part No. 2028, Includes #2018 polymer battery case with A-frame or post mounting bracket; #2023 rechargeable sealed 12V 5 amp/hr lead acid battery and terminals; #2024 DC to DC heavy duty quick/maintenance (two stage) battery charger; #2010B nylon breakaway switch.

Part No. 20015, Includes #2051 lockable all polymer battery case with flat surface mounting; #2023 rechargeable sealed 12V 5 amp/hr lead acid battery and terminals; #2024 DC to DC heavy duty quick/maintenance (two stage) battery charger; #2010B nylon breakaway switch.

Part No. 20020, Includes #20000 lockable polymer battery case with weldable flat surface mounting; #2023 rechargeable sealed 12V 5 amp/hr lead acid battery and terminals; #2024 DC to DC heavy duty quick/maintenance (two stage) battery charger; #2010B nylon breakaway switch.

Breakaway Systems & Accessories

BATTERY CASES

Rust proof heavy duty polymer cases protects battery and charger from elements and corrosion. Quick and easy installation.

One-bolt installation on jackpost or A-frame — no need for cutting or drilling. U-shaped clamp style fastener mounts over most trailer tongues.
Part No. 2018.

Four-bolt installation on any flat surface. For use with self-tapping screws or similar fasteners. Lockable case.
Part No. 2051.

Two-bolt or weldable installation on any flat surface. Galvanized metal mounting bracket and locking bar provide secure battery protection.
Part No. 20000.

BREAKAWAY SWITCHES

Sets trailer brakes in case of accidental trailer breakaway. Trailer brakes are applied automatically. Silver contact points remain corrosion free for positive contact. #2009B has all metal parts and a brass pull pin. #2010B has reinforced nylon case, weldable metal tab, nylon pull tab, and is rust and corrosion free.
Part No. 2010B, Breakaway switch, bulk.
Part No. 2010A, Replacement cable and nylon pin assembly.
Part No. 2009B, Breakaway switch, bulk.
Part No. 2009A, Replacement cable and brass pin assembly.

2010B

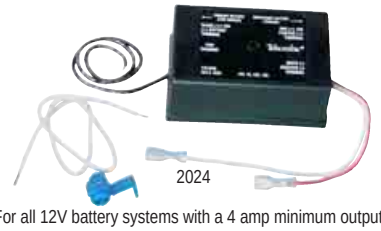
SEALED LEAD ACID BATTERIES

12V, sealed lead acid battery for use with Breakaway Systems on single, tandem, and tri-axle trailers equipped with electric brakes. Battery requires periodic recharging to maintain optimum performance.
Part No. 2023, 5 amp/hr sealed lead acid battery.

2009B

BATTERY CHARGERS

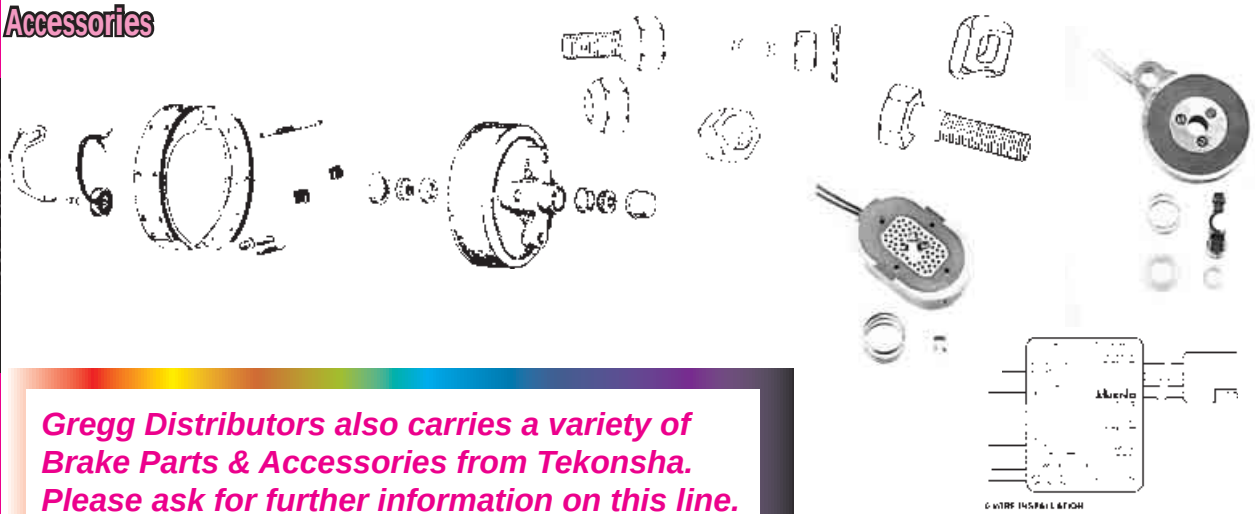
Designed to fit securely into the Breakaway battery cases. Patented temperature compensated design provides continuous recharge for all 12V battery systems with 4 amp (minimum) output. Provides maintenance-free assurance that breakaway batteries are always fully charged. Automatic shut-off feature will not permit battery to overcharge.
Part No. 2024, DC to DC heavy duty quick/maintenance (two stage) charger.



2024

For all 12V battery systems with a 4 amp minimum output. Charger includes automatic shut-off feature that prevents battery from overcharging. Ideal for seasonal storage and maintenance of recreational vehicles, motorcycles, snowmobiles, lawn tractors, and more.
Part No. 2025, AC to DC two stage/maintenance charger.

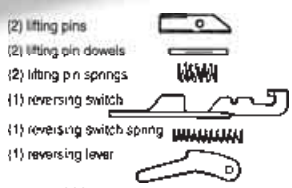
Accessories



Gregg Distributors also carries a variety of Brake Parts & Accessories from Tekonsha. Please ask for further information on this line.

JACKALL
Jacks

The Mechanical Jack - with the 8000 lbs. (3630 kg) capacity. LIFTS, PULLS, PUSHES OR HOISTS ANYTHING



1333

Part No. 36-J, 36" Jackall jack - 4 ton.
Part No. 48-J, 48" Jackall jack - 4 ton.

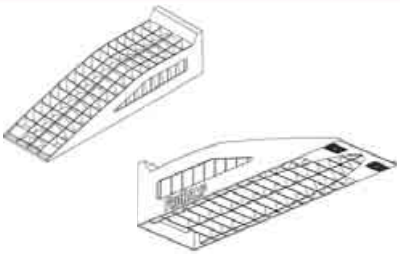
ACCESSORIES & REPLACEMENT PARTS

Part No. 1313, Jack rack — custom designed rack to mount your Jackall jack on trucks, pick-ups, campers, workshop walls, etc. Lockable to prevent theft (lock not included).
Part No. 1333, Jackall maintenance kit — everything needed to service the lifting mechanism. Includes instructions.
Part No. B-188, 36" steel beam.
Part No. B-187, 48" steel beam.
Part No. B-216, 3/16" x 2-1/4" lifting pin dowel.
Part No. B-07, Lifting pin spring.
Part No. B-08, Reversing spring.
Part No. C-04, 7/16" x 2-1/4" clevis pin.
Part No. C-05, 7/16" x 2-15/32" clevis pin.
Part No. B-343, Handle.
Part No. B-214, Lifting pin.
Part No. B-403, Base.
Part No. B-346, Reversing lever.
Part No. B-345, Reversing switch.
Part No. B-342, Large cast runner.
Part No. B-344, Pitman.
Part No. B-340, Small cast runner.

QQQ/2585

PRO RAMPS
Heavy Duty Poly Car Ramps

NEW!!



Part No. 4956-98, 12,000 lb. GVW capacity. 17° angle accommodates all vehicles. No assembly, no tools. No need for ramp extensions for low profile cars. Construction grid design prevents all slippage but allows water, snow or dirt to fall through for use in all weather. •A unique, modern look •Full colour retail packaging •One model for all vehicles •Lighter weight than steel •Easy to carry •Rust free •Excellent value

QQQ/2608

KOOLATRON®
Portable Coolers & Warmers

How Does Koolatron Work?

For cooling, heat is removed from the cooler by the thermoelectronic module. Current passing through the module draws heat from the cooler and forces it to flow to the external fins where it is blown away by the fan through the outer grille.
For heating, heat is taken from the outside air. It is combined with heat generated by the module and pumped into the case.
The miniature thermoelectric module replaces bulky piping coils, compressors, and motors used in conventional refrigerators. Environmentally friendly. Freon free!

KOOLATRON TRAVEL TOTE

A great cooler that can be taken anywhere such as in a car, picnic site, hotel, office, etc. For even more convenience, it plugs into any cigarette lighter, and the cord can be stored in the clear lid compartment when not in use. With shoulder strap. Holds up to 6 x 500 ml bottles. 13.97"W x 12.59"H x 7.48"D.
Part No. B-07.

KOOLATRON VOYAGER

The most popular electronic food and beverage carrier. This unit plugs into any 12V cigarette lighter plug and draws only 3 amps. Comes complete with a 10 ft. heavy duty power cord and weighs only 12 lbs. Will hold up to 40 - 12 oz. cans, and is tall enough to hold 2 litre bottles. 16"W x 15"H x 17"L.
Part No. P27.

Same as above unit but has slight case imperfections yet still carries the full Koolatron warranty – with a savings in cost.
Part No. SECONDP27.

KOOLATRON KOOL KARGO

This unit is engineered for travel comfort and ease of use with exterior dimensions to suit most modern vehicles. A split lid design promotes energy savings and greater accessibility. Interior circulation fan. Comes complete with dual basket type shelves/dividers and is capable of being used vertically or horizontally and is also tall enough to hold a 2 litre bottle of pop. 3 amp draw. 13½"W x 16"H x 19½"L.
Part No. P65.

KOOLATRON KOOL KADDY

This unit has all the same great features as the rest of Koolatron's line-up and has a heavy duty "brushless" motor with a 5 year warranty. Interior circulation fan. This unit also has an On-Off and Hot-Cold switch and a power indicator light. Vertical ribs allow the unit to be used in a vertical or horizontal position. This unit is tall enough to hold 2 litre bottles and will hold up to 48 - 12 oz. cans. 3 amp power draw. 16"W x 16"H x 21"L.
Part No. P75.

Accessories & Parts

AC15

Part No. AC15, Multi-purpose power adapter. Adapts 110/120V AC to 12V DC. Operates any Koolatron unit from any 110/120V receptacle. This versatile adapter can run with any 12V accessory with male lighter plug using less than 4.5 amp draw. Comes complete with 6 ft. input/output power cord.
Part No. A70020, Replacement motor for B-07 unit.
Part No. A70035, Replacement motor for P27 and P75 units.
Part No. A70025, Replacement 10 ft. power cord for units B-07, P27, P65, and P75.
Part No. A70030, Replacement latch kit for B-07 unit.
Part No. A70031, Replacement latch kit for units P27, P65, and P75.

Jerry Cans & Containers

GASOLINE JERRY CANS
Red.
Part No. J5S, 5 litre.
Part No. J102, 10 litre.
Part No. J105, 20 litre.

GAS/OIL JERRY CAN
6 litre gas/2.25 litre oil jerry can. Red.
Part No. J63.

MILITARY GAS JERRY CAN
20 litre military (tall) gas jerry can. Red.
Part No. RV520.

DIESEL JERRY CAN
20 litre diesel jerry can. Yellow.
Part No. D520.

KEROSENE JERRY CAN
20 litre kerosene jerry can. •Designed to meet the CARB portable fuel container spillage and emissions regulations •The cans are treated with Dupont SELAR to reduce vapour permeation through the walls of the can by up to 75% •Comes with a self-venting, self regulating spout that negates the requirement for a separate vent hole •Blue
Part No. K205.

WATER CONTAINER
20 litre water container. Blue.
Part No. W520.

PARTS & ACCESSORIES
Part No. JS310, Jerry can cap.
Part No. JS510, Jerry can vent cap.
Part No. FS610, Jerry can flexible spout.
Part No. FS610-DISPLAY, Jerry can flexible spout - carded.
Part No. JS710, Jerry can stopper.
Part No. JCA4-DISPLAY, Jerry can parts kit - carded.
Part No. JCSG, Jerry can spout gasket.
Part No. JS410, Jerry can solid cap, comes with gasket.

OUTBOARD MARINE TANKS
Red.
Part No. M12, 12 litre, no gauge.
Part No. M12BO, 12 litre, with gauge.

Part No. M25, 25 litre, no gauge.
Part No. M25BO, 25 litre, with gauge.

MARINE TANK PARTS & ACCESSORIES
Part No. MA1-12, Combination cap/fuel gauge for #M12 marine tank.
Part No. MA1-25, Combination cap/fuel gauge for #M25 marine tank.
Part No. MA1A, Vented fuel cap for #M12 and M25 marine tank.
Part No. FPA4-25, Fuel pick-up assembly for #M25 marine tank.
Part No. FPA4-12, Fuel pick-up assembly for #M12 marine tank.

"ODJOB" MIXER
Odjob mixes a wide variety of ingredients quickly and thoroughly for a perfect mix every time. In just 30 seconds, Odjob mixes 60 lbs. (approximately 30 kg) of concrete with no mess and little physical effort. Can also be used to mix mortar, grout, fertilizer, animal feed, soils, seeds, compost, and paint.
Part No. ODJOB.

GAS CONTAINERS

A sleeker, lower design profile, rounded corners and a lower center of gravity make Wedco containers difficult to tip over. Wedco gas containers come with an exclusive Versaflex pouring spout, a completely flexible spout for precise pouring, even at difficult angles. Red.

Part No. 81012.
5 litre gas container.

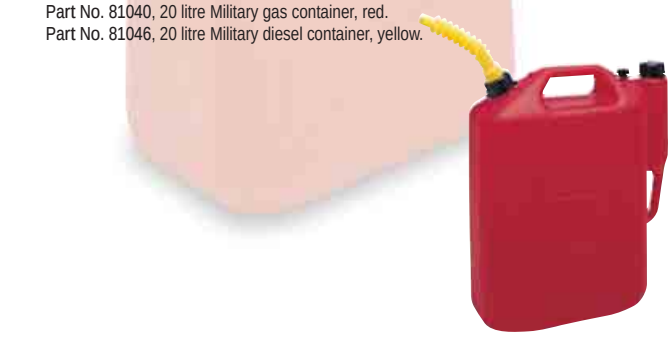
Part No. 81022.
10 litre gas container.

Part No. 81052.
20 litre gas container.

Part No. 81062.
25 litre gas container.

DIESEL & GAS MILITARY CONTAINERS

Attractive 20L version of classic Military-style army jeep gas can. Fits standard RV racks. Special "stay-dry" receptacles to store the Versaflex spout.
Part No. 81040, 20 litre Military gas container, red.
Part No. 81046, 20 litre Military diesel container, yellow.

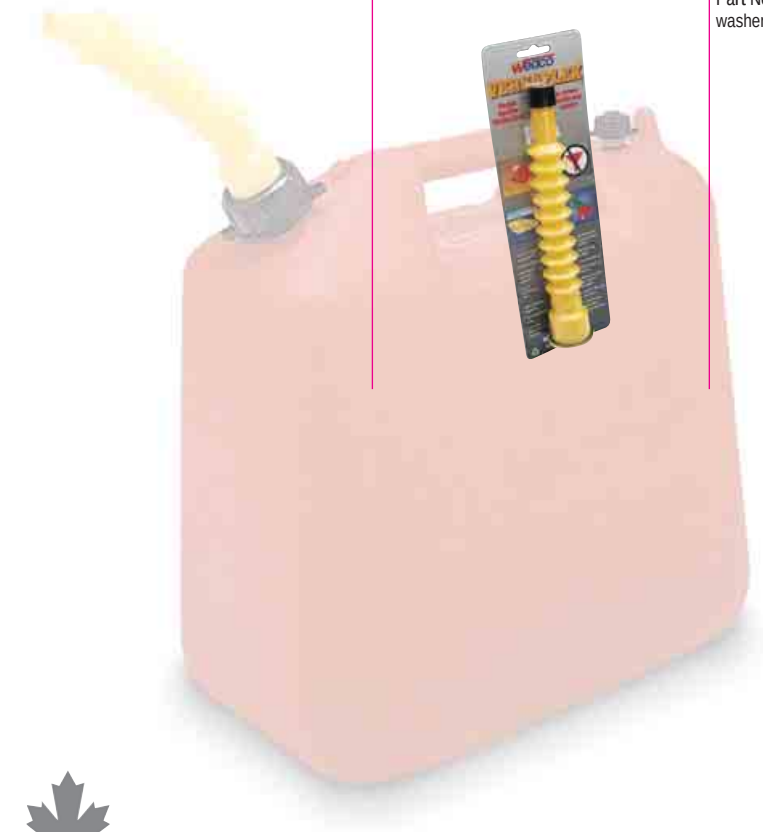


GAS & OIL CONTAINER

Keep chain-saw premix on one side; bar oil on the other with 2-in-1, separate compartment gas and oil reservoirs. C/W Versaflex spout. Red.
Part No. 81310, 5 litre gas /2.5 litre oil container.

VERSAFLEX FLEXIBLE SPOUT

With cap, yellow.
Part No. 84037, carded.



STOP FLO

Part No. 84038, Stop Flo for gas containers - carded, red/yellow.
Part No. 84039, Stop Flo for windshield washer and oil - carded, blue/yellow.

STOPPER/VENT/SCREW CAP

Yellow & black.
Part No. 84036, carded.

Wedco

CITATION

EEE/1615

Fuel Transfer Tank

Two way rotary pump for siphoning or dispensing. Works great for repairing today's hard to reach "in-tank" fuel pumps. Excellent for shops, car lots, salvage yards and rental outlets. The two wheel dolly design is easy to move. The unit is 42" high, 20" wide and 22" deep.
Features: •30 gal. capacity •Meets OSHA and FM standards •Flame arrestor neck - 2" filler •8 ft. clear vinyl hose •Ground wire clamp •14 gauge welded steel, powder coated
Part No. C530.

C-I-L/EVAN INC.

QQQ/1585

Auto Fusees/Flares & Lightsticks

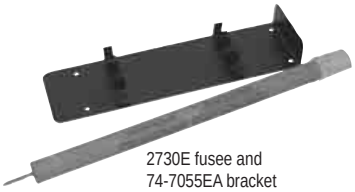
RED SPIKE TYPE FUSEES
Part No. 2710E, 10 min., 72 per case.
Part No. 2715E, 15 min., 72 per case.
Part No. 2720E, 20 min., 72 per case.
Part No. 2730E, 30 min., 36 per case.

RED WIRE STAND TYPE FUSEES
Part No. 9240E, 20 min., 72 per case.
Part No. 9340E, 30 min., 36 per case.

FUSEE CONTAINERS
Part No. 300, Small fusee container, carries (4) 10, 15, or 20 minute fusees, 12 per case.

Part No. S-300, Large fusee container, carries (4) 30 minute fusees, 12 per case.

FUSEE BRACKET
Part No. 74-7055EA, Fusee bracket — holds 3 fusees.



2730E fusee and
74-7055EA bracket

CYALUME® LIGHTSTICK
6" Cyalume® lightstick, 12 hour. 10 per case.
Part No. 9-27017, green.
Part No. 9-27054, red.
Part No. 9-27020, yellow.
Part No. 9-27019, orange.

WARNING

QQQ/2930

Triangles

Part No. 130, Set of 3 emergency warning triangles in red plastic case.
Part No. 1005-B1, Triangle kit bracket - zinc plated 12 ga. steel, 18½" long x 4-5/8" wide x 5¾" high approx.

130

1005-B1

TRUCK-LITE

TKL/3875

Triangular Reflector Kit

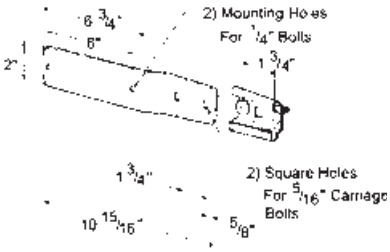
Available with three collapsible 17" reflectors. Features high impact weighted plastic base and reusable storage container. 18½"L x 5"W x 4½"H.
Part No. 798, Complete kit.
Part No. 799, Individual triangle only.
Part No. 794, Empty carrying case.

Truck-Lite

GROTE
Triangular Reflector Kit

Reflective up to 1/2 mile. Exceeds legal requirements. Weatherproof, impact resistant. In carrying case.
Part No. 71402EA, Pack of 1.
Part No. 71532EA, Pack of 2.
Part No. 71422EA, Pack of 3.
Part No. 10-7081-01EA, Empty case.

"SLOW MOVING"
Signs



43325EA & 43335EA

Part No. SLM, Plastic fluorescent red and orange slow moving sign, punched for direct application.

Part No. 71152EA, Grote heavy duty slow moving sign (emblem) with yellow-orange centre and 1-5/8" red reflex border for night-time use.

Part No. 43325EA, Grote emblem bracket for #71152EA or #SLM.
Part No. 43335EA, Grote mounting bracket for #43325EA/71152EA/SLM.

LOG STREAMERS
Visibility Markers

Fluorescent orange danger streamers, for logging trucks to mark end of load.

Part No. LS10, Log streamer, includes: 1 pair with 5 strips in each of 1" x 40" orange reinforced flag tape. Attached with #2 plain brass grommet and washer.

Part No. LS10H, Log streamer complete with hardware, includes: 1 pair with 5 strips in each of 1" x 40" orange reinforced flag tape. Attached with #2 plain brass grommet and washer, 15" blue extra flex rubber snap strap (with 2 "S" hooks), 1/4" grade 30 proof coil chain.

Part No. HDLS10, Heavy duty log streamer, includes: 1 bundle with 10 strips of 1" x 40" orange webbing, 1¼" x 5/8" galvanized ProLok hose clamp, 1½" single wall heat shrink tubing.

Part No. HDLS10H, Heavy duty log streamer complete with hardware, includes: 1 bundle with 10 strips of 1" x 40" orange webbing, 1¼" x 5/8" galvanized ProLok hose clamp, 1½" single wall heat shrink tubing, 15" blue extra flex rubber snap strap (with 2 "S" hooks), 1/4" grade 30 proof coil chain.

Part No. OR315, 1" orange webbing, sold by the foot.

STATIC
Straps

30" Static Strap •All rubber strap, with specially compounded conductive materials in the rubber which allow static electricity to flow through it •Discharges potentially dangerous static electricity from gasoline tank trucks or fuel oil trucks before charge can build up to danger point. Approved by Underwriters Laboratory for use on fuel oil trucks •Rubber strap is noiseless — resists weathering, abrasion, and tearing.
Part No. 52.

RISTO

Flags & Signs

DANGER FLAGS

Part No. 54-5186-00, 12" x 12" economy poly/cotton red danger flag with 1 grommet.
Part No. 54-5192-00, 16" x 16" poly/cotton red danger flag with 2 grommets.
Part No. 54-5192-02, 16" x 16" vinyl orange danger flag with 2 grommets.
Part No. 54-5189-00, 18" x 18" poly/cotton red danger flag with 2 grommets.
Part No. 54-5194-00, 24" x 24" poly/cotton red danger flag with 2 grommets.
Part No. 54-5193-00, 16" x 16" poly/cotton red danger flag with wood dowel.
Part No. 54-5193-02, 16" x 16" vinyl orange danger flag with wood dowel.

WIDE LOAD/LONG LOAD & "D" SIGNS

Part No. 53-5001-00, 12" x 72" scrim vinyl red and white "D" sign c/w 8 metal grommets.
Part No. 53-5003-00, 12" x 96" scrim vinyl red and white "D" sign c/w 8 metal grommets.
Part No. 53-5005-11, 16" x 96" scrim vinyl wide load/long load sign c/w 4 reinforced grommets.
Part No. 53-5005-12, 16" x 72" scrim vinyl wide load/long load sign c/w 4 reinforced grommets.
Part No. 53-5009-11, 16" x 96" scrim vinyl wide load/long load sign c/w 2 6 ft. 1/4" ropes.
Part No. 53-5009-12, 16" x 72" scrim vinyl wide load/long load sign c/w 2 6 ft. 1/4" ropes.
Part No. 53-5016-11, 16" x 96" scrim vinyl wide load/long load sign c/w 4 grommets and 2 ropes.
Part No. 53-5016-12, 16" x 72" scrim vinyl wide load/long load sign c/w 4 grommets and 2 ropes.
Part No. 53-5018-11, 16" x 96" scrim vinyl wide load/long load sign c/w 2 ropes 1/4".
Part No. 53-5018-12, 16" x 72" scrim vinyl wide load/long load sign c/w 2 ropes 1/4".

BARPEK PRODUCTS LTD.

Vinyl Load Signs

HEAVY DUTY VINYL DIMENSIONAL LOAD SIGN

•1 ft. x 8 ft. •Manufactured from 18 oz. reinforced vinyl laminate. Tested to -28°C. •Supported vinyl washers help prevent "Grommet Pull-out" •Grommets are placed at the 6 ft. and 8 ft. points, leaving the message highly visible
Part No. BP660.

HEAVY DUTY VINYL WIDE LOAD / OVERSIZE LOAD SIGN

•1 ft. x 8 ft. •Manufactured from 18 oz. reinforced vinyl laminate. Tested to -28°C. •Double sided sign displays WIDE LOAD on one side and OVERSIZE LOAD on the other •Supported vinyl washers help prevent "Grommet Pull-out" •Grommets are placed at the 6 ft. and 8 ft. points, leaving the message highly visible on both widths
Part No. BP670-1.

HEAVY DUTY VINYL WIDE LOAD / LONG LOAD SIGN

•1 ft. x 8 ft. •Manufactured from 18 oz. reinforced vinyl laminate. Tested to -28°C. •Double sided sign displays WIDE LOAD on one side and LONG LOAD on the other •Supported vinyl washers help prevent "Grommet Pull-out" •Grommets are placed at the 6 ft. and 8 ft. points, leaving the message highly visible on both widths
Part No. BP672.

WOODEN DIMENSIONAL LOAD SIGN

•1 ft. x 8 ft. •Manufactured from medium density overlay (MDO) 1/2" sign board •High quality vinyl finish
Part No. BP600.

ALUMINUM DIMENSIONAL LOAD SIGN

•1 ft. x 8 ft. •.080, 5052 aluminum •Durable, weather resistant •High quality vinyl finish
Part No. BP600-A.

WOODEN REFLECTIVE DIMENSIONAL LOAD SIGN

•1 ft. x 8 ft. •Manufactured from medium density overlay (MDO) 1/2" sign board •High quality vinyl finish with reflective white
Part No. BP650.

ALUMINUM REFLECTIVE DIMENSIONAL LOAD SIGN

•1 ft. x 8 ft. •.080, 5052 aluminum •Durable, weather resistant •High quality vinyl finish with reflective white
Part No. BP650-A.

WOODEN WIDE LOAD SIGN

•1 ft. x 8 ft. •Manufactured from medium density overlay (MDO) 1/2" sign board
•High quality vinyl finish
Part No. BP602.

ILLUMINATED LED PILOT CAR SIGN

•72" •8 light pilot car sign •Baked powder coated finish
Part No. BP708.

BP708 shown with BP680 insert

REPLACEMENT PARTS

Part No. BP701, Beehive lamp w/ LED.
Part No. BP702, LED bulb.
Part No. BP703, 2 prong LED flasher.
Part No. BP704, 7" amber LED.
Part No. BP705, Set of 2, 7" LED w/ bracket.

BP685

BP690

INSERTS FOR USE WITH PILOT CAR SIGNS

Part No. BP680, Dimensional load insert; 1/8" acrylic insert for pilot car sign. 13.5" x 71.5" long.

Part No. BP685, Wide load insert; 1/8" acrylic insert for pilot car sign. 13.5" x 71.5" long.

Part No. BP690, Oversize load insert; 1/8" acrylic insert for pilot car sign. 13.5" x 71.5" long.

HEAVY DUTY DELINEATOR SIGNS

•24" x 24" heavy duty delineator signs •0.080 aluminum •Premium grade white reflective with red print •Meets or exceeds current regulations
Part No. BP630.

DANGEROUS GOODS

Placards, Holders, & Accessories

GROSS/TARE SETS

Gross and Tare labels and number set sheets - 2" white letters with black outline
Part No. GTS.

PLACARD NUMBER SHEETS

Set of 3½" placard numbers from 0 to 9, (26 numbers in total: 2 of each #, 3 each #2's, 7 each #1's).
Part No. PNS.

PLACARD HOLDERS

Part No. PCH, Metal dangerous goods placard holder c/w plastic shield.
Part No. PCS, Placard clear cover shield.
Part No. EPCH, Economy aluminum placard holder.

PCS

NON-REFLECTIVE, ADHESIVE BACKED DECALS - NUMBERED

Part No. PAN-2-1075, Class 2, 1075.
Part No. PAN-3-1202, Class 3, 1202.
Part No. PAN-3-1203, Class 3, 1203.
Part No. PAN-3-1230, Class 3, 1230.

NON-REFLECTIVE STYRENE PLACARDS - BLANK NUMBER

Part No. PSB2-1, Class 2.1 "FLAMMABLE GAS".
Part No. PSB2-2, Class 2.2 "NON-FLAMMABLE GAS".
Part No. PSB2-3, Class 2.3 "POISONOUS GAS".
Part No. PSB3, Class 3 "FLAMMABLE LIQUID".
Part No. PSB4-F, Class 4 "FLAMMABLE SOLID".
Part No. PSB4-S, Class 4 "SPONTANEOUS COMBUSTIBLE".
Part No. PSB4-D, Class 4 "DANGEROUS WHEN WET".
Part No. PSB5-1, Class 5.1 "OXIDIZER".
Part No. PSB5-2, Class 5.2 "ORGANIC PEROXIDE".
Part No. PSB6-P, Class 6 "POISONOUS".
Part No. PSB6-2, Class 6.2 "BIOHAZARD".
Part No. PSB7, Class 7 "RADIOACTIVE".
Part No. PSB8, Class 8 "CORROSIVE".
Part No. PSB9, Class 9 "MISCELLANEOUS".

NON-REFLECTIVE, STYRENE PLACARDS - NUMBERED

Part No. PSN-2-1072, Class 2, 1072.
Part No. PSN-2-1075, Class 2, 1075.
Part No. PSN-3-1202, Class 3, 1202.
Part No. PSN-3-1203, Class 3, 1203.
Part No. PSN-3-1230, Class 3, 1230.
Part No. PSN-3-1267, Class 3, 1267.
Part No. PSN-3-1863, Class 3, 1863.
Part No. PSN-3-1993, Class 3, 1993.

NON-REFLECTIVE STYRENE PLACARDS - WORDLESS

Part No. PSW1-0, Class 1 "EXPLOSIVE".
Part No. PSW2-0, Class 2 "OXIDIZER".
Part No. PSW2-1, Class 2.1 "FLAMMABLE GAS".
Part No. PSW2-2, Class 2.2 "NON FLAMMABLE GAS".
Part No. PSW2-3, Class 2.3 "POISONOUS GAS".
Part No. PSW3, Class 3 "FLAMMABLE LIQUID".
Part No. PSW4-F, Class 4 "FLAMMABLE SOLID".
Part No. PSW4-S, Class 4 "SPONTANEOUS COMBUSTIBLE".
Part No. PSW4-D, Class 4 "DANGEROUS WHEN WET".
Part No. PSW5-1, Class 5.1 "OXIDIZER".
Part No. PSW5-2, Class 5.2 "ORGANIC PEROXIDE".
Part No. PSW6-2, Class 6.2 "BIOHAZARD".
Part No. PSW6-P, Class 6 "POISONOUS".
Part No. PSW7, Class 7 "RADIOACTIVE".
Part No. PSW8, Class 8 "CORROSIVE".
Part No. PSW9, Class 9 "MISCELLANEOUS".
Part No. PSW-D, Non-reflective styrene "DANGER" placard.

DOCUMENT & PLACARD

Holders

Part No. 158-9, 9" long aluminum document holder with rubber caps and cord to keep caps in place.
Part No. 158-A, Replacement rubber end cap for document holder.

Part No. E9868, Aluminum placard holder.

158-9

TRUCK-LITE
Document Holders

ROUND PLASTIC DOCUMENT HOLDER
Part No. 97960.

Replacement cover for #97960, with gasket.
Part No. 97962.

PERMIT POUCH
All weather protection; self sealing zipper. 4 brass eyelets; 5¾"W x 8¼"L.
Part No. 50.

CERTIFICATE HOLDER
Stamped aluminum with plastic envelope and clear vinyl front lens. Use two #10 screws on 6-3/8" centres. 7"L x 5"W x 3/16"D.
Part No. 51.

GROTE
Document Holders

RESEALABLE DOCUMENT HOLDER
Rugged resealable document holder. Chemical resistant.
Part No. 43901EA.

ALUMINUM DOCUMENT HOLDER
Aluminum document holder with vinyl pouch, self sealing zipper.
Part No. 43424EA.

VINYL DOCUMENT HOLDER
Vinyl document holder, sealing zipper.
Part No. 43411EA.

•Multiple page sets feature carbonless paper.

TRUCKER'S SUPPLY
Books & Accessories

DRIVER'S DAILY LOG BOOK
31 sets of 2 pages. Includes 60/70/120 hour recap, as well as metric conversion table and calendar. 8¼" x 5½". 90 per case.
Part No. 512.

DRIVER'S DAILY LOG BINDER
6 ring black plastic binder. Uses #515 refills. 8½" x 6½". 60 per case.
Part No. 514.

DRIVER'S DAILY LOG BINDER REFILL
31 sets of 2 pages. Metric conversion table and calendar. 7¾" x 5½". 90 per case.
Part No. 515.

DRIVER'S DAILY NITE RUNNER LOG REFILL
Printed with a 24 hour noon to noon time graph. This time frame solves the problem of starting a new page with traditional log format. 8" x 5½".
Part No. 516.

DRIVER'S DAILY LOG AND PRE-TRIP INSPECTION BOOK
Complete with 31 sets of 2 pages. 60/70/120 hour recap, metric conversion table and calendar, all required checks. 8½" x 11". 45 per case.
Part No. 612.

DRIVER'S DAILY LOG & PRE-TRIP INSPECTION BINDER
3 ring black plastic binder. Uses #614 refills. 10" x 11¾". 50 per case.
Part No. 613.

DRIVER'S DAILY LOG & PRE-TRIP INSPECTION REFILL
31 sets of 2 pages. Metric conversion table and calendar. 8¾" x 11". 45 per case.
Part No. 614.

DRIVER'S DAILY LOG/PRE TRIP OFF HIGHWAY REFILLS
For applications where an exact record of fuel consumed and location where the fuel is purchased is required.
A record of hours and distance driven on different roads, numbered highways and off highway and idling times are recorded.
8½" x 11".
Part No. 615.

DRIVER'S PRE-TRIP INSPECTION BOOK
Complete with 31 sets of 2 pages, all required checks. 8¼" x 5½". 90 per case.
Part No. 712.

DRIVER'S PRE-TRIP INSPECTION REFILL
31 sets of 2 pages, 7¾" x 5½". 90 per case.
Part No. 714.

STRAIGHT BILL OF LADING BOOK
Complete with 20 sets of 3 pages. 8½" x 11½". 45 per case.
Part No. 812.

HEAVY HAUL BILL OF LADING BOOK
Complete with 20 sets of 3 pages. 8½" x 11½". 45 per case.
Part No. 813.

STOCK OPERATOR'S TIME BOOK
Complete with 20 sets of 2 pages. Large writing space. 8¼" x 5½". 90 per case.
Part No. 912.

TRUCKER'S SECRETARY CLIPBOARD
Plastic clipboard that fits over steering wheel. 16" x 16". 30 per case.
Part No. 1012.

DRIVER'S

Daily Log Books

CANADA/U.S.A. LOG BOOK

2 ply - 31 sets per book. This is a driver's daily log, monthly summary sheet, and driver's vehicle inspection sheet. 8½" x 5½". Bilingual. 192 per case.
Part No. CPB-L.

CANADA/U.S.A. LOG BOOK

2 ply - 31 sets per book. This book is similar to log book #CPB-L at left, but is larger and all information is contained on one side of a page. 8½" x 11". Bilingual. 50 per case.
Part No. 63LD.

DAILY LOGBOOK COVER

For use with CPB-L log book. Foam padded, with heavy duty vinyl and hardware construction. Space for two logbooks. Aluminum line guide fixture, two snap closure. Insert for credit cards, etc. 7" x 11".
Part No. 50-5072-00.

HOBI

Animal Alerts

Widely Used Throughout North America - After years of development this system has been proven to be at least 85% effective in numerous road and laboratory tests. These highly efficient results have prompted many corporations and police departments throughout Canada and the United States to equip the vehicles in their fleets with the Hobi Ultra Sonic Animal Alert. These corporations feel that this has saved them thousands of dollars and eliminated unnecessary injuries and down time by avoiding wildlife collisions.
Prevent Vehicle/Wildlife Accidents - Every year, millions of dollars in property damage, needless pain, suffering and death occurs on our highways due to vehicle/wildlife collisions. Now you can assure yourself that you will not become one of these startling statistics with the installation of the Hobi Ultra Sonic Animal Alert system.
Protect Your Family While Travelling - Collisions with wildlife can be dangerous to you and your family. When you have the Hobi Ultra Sonic Animal Alert installed, your worries about your family's safety are minimized. The system works automatically with no switches to remember to turn on.
Feel Safer While Driving By Day or Night - With the Hobi Ultra Sonic Animal Alert installed on your vehicle, wildlife is automatically warned away from traffic - day or night! At 50 km/hr (30 mph) or faster, a high frequency ultra sonic sound (16,000 - 20,000 hertz) is transmitted and is audible to wildlife as far as 400 metres (1/4 mile) away, but is not heard by the driver or pets inside the vehicle.
Safety In A Few Seconds of Installation Time - When you receive your Hobi Ultra Sonic Animal Alert system, it is fully assembled and is very simple to install so you can be protected right away! The system comes ready to mount with a self adhesive base. Counter sunk holes are also provided for a more rugged screw mounting.

Part No. 95-400, Blister card of 2 black Hobi Animal Alerts.
Part No. 96-400, Blister card of 2 chrome Hobi Animal Alerts.

•Warns wildlife up to 400 metres away with ultrasonic waves
•Works on cars, trucks and motorcycles
•Effective at speeds as low as 50 km/h
•Operates in the 16,000 - 20,000 hertz range -- Too high for humans but gives a definite warning to animals
•Easily and quickly mounted

CAR-FRESHNER®

Automobile Air Freshener Products — "Little Trees"

Quality air fresheners for your vehicle! Available in a HUGE assortment of fragrances. Your choice: buy them by the "Handi-Strip", (24 per strip); by the Display Rack, (144 per display); or buy them one by one. Pump Sprays available as an alternative to a hanging freshener.

24-UNIT HANDI-STRIPS

Part No. CHS-10100-12, 24-unit strip, Classic fragrances assortment.
Part No. CHS-10101-12, 24 unit strip, Royal Pine.
Part No. CHS-10105-12, 24 unit strip, Vanillaroma.
Part No. CHS-10189-12, 24 unit strip, New Car Scent.
Part No. CHS-10200-12, 24-unit strip, Designer fragrances assortment.
Part No. CHS-10300-12, 24-unit strip, Fruit fragrances assortment.
Part No. CHS-13400-12, 24-unit strip, Potpourri assortment.

144-UNIT DISPLAY RACKS

Part No. C1D-10100, 144-unit display, Classic fragrances asst.
Part No. C1D-10200, 144-unit display, Designer fragrances asst.
Part No. C1D-10300, 144-unit display, Fruit fragrances asst.
Part No. C1D-10400, 144-unit display, Floral fragrances asst.

SINGLE UNITS - 24 PER CASE

PART NO.	FRAGRANCE	PART NO.	FRAGRANCE
C1P-10101	Royal Pine	C1P-10318	Cinna-Berry
C1P-10102	Bouquet	C1P-10319	Peachy Peach
C1P-10103	Spice	C1P-10320	Watermelon
C1P-10105	Vanillaroma	C1P-10338	Cinnamon Apple
C1P-10109	Forest Fresh	C1P-10339	Mango
C1P-10151	Papaya	C1P-10341	Sweet Pear
C1P-10155	Black Ice™	C1P-10353	Strawberry Kiwi
C1P-10189	New Car Scent	C1P-10358	Berry Patch
C1P-10207	Chocolate	C1P-10431	Lilac
C1P-10221	Ocean Mist	C1P-10433	Jasmin
C1P-10225	Powder	C1P-10435	Lavender
C1P-10227	Rose Musk	C1P-10504	Spiced Pumpkin
C1P-10228	Morning Fresh	C1P-10510	Banana Nut
C1P-10247	Peppermint	C1P-10945	Stars and Stripes
C1P-10290	Leather	C1P-10967	Pina Colada
C1P-10311	Wild Cherry	C1P-11000	Gold
C1P-10312	Strawberry	C1P-13406	Apples 'n Spice Potpourri
C1P-10313	Lemon	C1P-13408	Country Pine Potpourri
C1P-10314	Fruit Punch	C1P-13441	Peach Blossom Potpourri
C1P-10315	Sunny Citrus	C1P-13443	Berries 'n Spice Potpourri
C1P-10316	Green Apple		
C1P-10317	Coconut		

PUMP SPRAYS

Part No. CPS-05001, 2 oz. Pine pump spray.
Part No. C1P-15001, 2 oz. Pine pump spray - carded.
Part No. CPS-05005, 2 oz. Vanilla pump spray.
Part No. C1P-15005, 2 oz. Vanilla pump spray - carded.
Part No. CPS-05012, 2 oz. Strawberry pump spray.
Part No. C1P-15012, 2 oz. Strawberry pump spray - carded.
Part No. CPS-05017, 2 oz. Coconut pump spray.
Part No. C1P-15017, 2 oz. Coconut pump spray - carded.
Part No. CPS-05087, 2 oz. Sport pump spray.
Part No. C1P-15087, 2 oz. Sport pump spray - carded.
Part No. CPS-05089, 2 oz. New Car pump spray.
Part No. C1P-15089, 2 oz. New Car pump spray - carded.
Part No. CPS-05000, Display tray of 24, 2 oz. asst. fragrance pump sprays (strawberry, sport, jasmin, coconut, passionfruit, new car).
Part No. CPS-05080, Display tray of 24, 2 oz. asst. fragrance pump sprays (vanilla, strawberry, passionfruit, pine, jasmin, new car).

EXTRA STRENGTH "LITTLE TREES" SINGLE UNITS - 24 PER CASE

•These are slightly larger versions of the traditional "Little Trees" air fresheners for extra odour control.

PART NO.	FRAGRANCE
C1P-10601	Royal Pine
C1P-10603	Spice
C1P-10605	Vanillaroma
C1P-10612	Strawberry
C1P-10617	Coconut
C1P-10618	Cinna-Berry
C1P-10689	New Car Scent

"LITTLE TREE" IN A CAN - CLASSIC "LITTLE TREE" SCENTS IN A SPRAY AEROSOL

Part No. UAL-09055-CN, 70 g Black Ice aerosol can.
Part No. UAL-09017-CN, 70 g Coconut aerosol can.
Part No. UAL-09033-CN, 70 g Jasmin aerosol can.
Part No. UAL-09089-CN, 70 g New Car Scent aerosol can.
Part No. UAL-09001-CN, 70 g Royal Pine aerosol can.
Part No. UAL-09005-CN, 70 g Vanillaroma aerosol can.
Part No. ZCD-09000-AC-CN, Display box of 12, 70 g assorted aerosol cans (vanillaroma, new car scent, black ice, royal pine).

CHAMOIS

Skins

Part No. 00396-HT, Giant select chamois skin, 22" x 18" on a hang tag.
Part No. 00675-HT, Super select chamois skin, 27" x 25" on a hang tag.
Part No. HG144-HT, Select chamois skin, 2 sq. ft. on a hang tag.

MALLORY®

Snowbrushes & Scrapers

VALU REACH SWEEP™
25" long, double row wood snowbrush with durable scraper.
Part No. 203CT.

MAXX® 35 SNOWBRUSH
35" long, with foam grip, and unbreakable ice scraper.
Part No. 889-35.

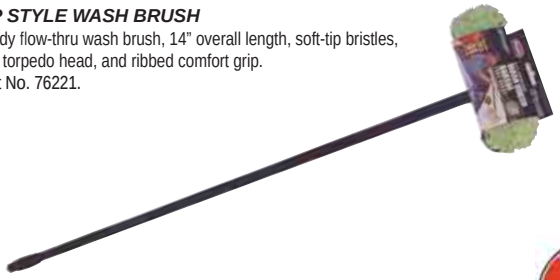
TELE SNOBROOM™
28" - 43" telescoping handle with external lock and foam grip, 7" head with rubber squeegee blade.
Part No. 511E.

BIG BLADE SCRAPER™
10" long x 3-7/8" wide blade.
Part No. 898.

Washbrushes

FLOW-THRU WASH BRUSH
Handy flow-thru wash brush, 14" overall length, soft-tip bristles, slim torpedo head, and ribbed comfort grip.
Part No. 76101.

DIP STYLE WASH BRUSH
Handy flow-thru wash brush, 14" overall length, soft-tip bristles, slim torpedo head, and ribbed comfort grip.
Part No. 76221.



Squeegees

Part No. 806NY, 6" plastic squeegee head with superior long life scrub netting.
Part No. 12-808NY, 8" zinc plated squeegee head with protective side guard and superior long life scrub netting.
Part No. 12-810NY, 10" zinc plated squeegee head with protective side guard and superior long life scrub netting.
Part No. 115, 15" plastic squeegee handle.
Part No. 111, 20" threaded red hardwood handle, 15/16" diameter.
Part No. 118-54, 54" threaded aluminum handle with grip.

US CHEMICAL

Slip-N-Grip® Seat Covers

Stays in place during servicing; protects against dirt, grease, etc.
Part No. 70509, Box of 125 Slip-N-Grip seat covers.

ORIGINAL CALIFORNIA WATER BLADE

•Patent pending T-Bar edge whisks away water •Soft medical grade silicone blade will not scratch •15 times less friction than terrycloth towels •Flexible silicone blade molds to the shape of the surface •Virtually eliminates messy towels and chamois •Easy to use; molds to contours; fast and efficient; works on any surface •12" blade
Part No. 20002.

ORIGINAL CALIFORNIA DRY BLADE

•All the features of the #20002 Water Blade in a slightly smaller format of 10¾" makes for a more affordable version •No lint, no towels to clean; no chamois to wring
Part No. 20014.

ORIGINAL CALIFORNIA HEAVY DUTY WATER BLADE KIT

•All the features of the #20002 Water Blade in a wider (18") version to efficiently remove water in large, hard-to-reach applications (trucks, trailers, SUVs, vans, boats, windows, etc.) •This kit includes an angle adjusting handle adapter and a three section telescoping handle which extends 25" to 60"
Part No. 20039.

ORIGINAL CALIFORNIA JELLY BLADE

Ultra flexible blade and handle mold to any surface without scratching or streaking. Patented "T-Bar" edge made of medical grade silicone removes 90% of standing water in 1/3 the time of a sponge or squeegee. Out-performs all other drying devices. 12" wide.
Part No. 20080.

NEW!!

ORIGINAL CALIFORNIA CAR DUSTER

•Removes dust and surface dirt with a quick "once-over" for a vehicle to look freshly washed •Special baked-on wax treated cotton fibre strands "lift" dust without scratching paint •Lasts for years and years •No re-treating wax required •The dirtier it gets, the better it works! •Includes handy carrying case •26" length for long reach and coverage
Part No. 62443.

ORIGINAL CALIFORNIA SUPER DUSTER CAR DUSTER

•The same features as the Car Duster #62443, in a larger 30" version with full 360° round mop for greater exposure •Includes carrying case
Part No. 62557.

ORIGINAL CALIFORNIA DASH DUSTER

•The same properties as the Car Duster #62443 above in a handy dash sized unit •For auto and home interior use •Never bother with dust cloths or feather dusters again •12"
Part No. 62448.

ORIGINAL CALIFORNIA WHEEL DUSTER

Use to remove annoying brake dust and much more! Exclusive prong-type duster closes around objects to clean both sides at the same time! Also great for roof racks and automotive grilles and can be washed and re-used hundreds of times.
Part No. 96630.

NEW!!

ORIGINAL CALIFORNIA MICROMITT

•Absorbs 7-10 times its weight in water (means more suds!) •Soft microfibres will not scratch paint — microfibre is 100 times finer than human hair •Lint-free washing or dusting •Traps dust and dirt •Washable •Durable •Use as a wash mitt when wet and as a duster mitt when dry and clean
Part No. 22012.

Car Care Products

ORIGINAL CALIFORNIA MICRO FIBRE INTERIOR DETAIL MITT™

Here's the perfect device for quickly and efficiently detailing the interior of any vehicle. This mitt gets into those nooks and crannies that seem impossible to clean. Great for dusting dashboards, instruments, consoles, etc. Lint free, streak free, cleans without chemicals.
Part No. 22100.

"MR. THIRSTY"™ SUPER ABSORBENT SYNTHETIC TOWEL

Absorbs water like nothing else. It's great for drying those hard-to-reach components like grilles, mirrors, and recessed areas. Mr. Thirsty™ doesn't need to be wrung out after each pass, because it holds up to five times its weight in water. After using The Original California Water Blade™ to dry your car, just use Mr. Thirsty™ to collect any drips or spills.
Part No. 21003, 2-pack.

ORIGINAL CALIFORNIA MICRO FIBRE MULTI-USE CLOTH

Thanks to advanced micro fibre technology, it's now possible to wash, dry or dust any vehicle more efficiently than with ordinary towels, chamois, etc. The micro fibres excel in both wet and dry use. Cloths are 16" x 16". Choose from a wide assortment of packaging options. There's something for everyone! •Dusts, washes, dries •Buffs and shines •Lint free and streak free •Won't scratch paint or clear coat •Cleans without chemicals
Part No. 22104, 3-pack Multi-Purpose Cloths.
Part No. 22108, Polishing and Waxing Cloth, green.
Part No. 22109, Washing and Drying Cloth, yellow.
Part No. 22017, 6-pack Multi-Purpose Cloths, two of each colour: blue, yellow, green.

ORIGINAL CALIFORNIA MICRO FIBRE GLASS CLEANING CLOTH

Designed specially to clean glass — with or without the use of chemical cleaners — this glass cleaning cloth is a must for anyone who appreciates spotless, streak-free windshields and mirrors. Easily folds up for storage in glove compartment or console. Cuts through dirt and film. Wash and re-use hundreds of times.
Part No. 22102, 2-pack.

ORIGINAL CALIFORNIA MICRO FIBRE CLEAN & POLISH PLUSH TOWEL

New dual-weave design optimizes your efforts! Use this towel for every step of the washing/waxing process to achieve maximum performance with minimum elbow grease. Woven side is perfect for waxing and cleaning; sheared side is ideal for final finish and polishing. 680 g heavy duty micro fibre. Absorbs 7 - 10 times its weight in water. 24" x 16". Can be easily washed and re-used hundreds of times.
Part No. 22200.

ORIGINAL CALIFORNIA MICRO FIBRE SUPER SPONGE

Combining a micro fibre cloth exterior with a highly absorbent sponge, the Original California Micro Fibre Super Sponge is a handy 2-in-1 device that's great for both washing or drying any car, truck, motorcycle, RV or boat. Shaped for easy handling. Super sudsing, super absorbent. Wash and re-use hundreds of times. Won't scratch paint or clear coat.
Part No. 22103.

Clean-Rite

DETAILER'S CHOICE

"TYPE" LEGEND:
DC - Kiwi™ The "Detailer's Choice® Program". A selection of premium quality products for all aspects of detail cleaning. Individually designed, these products fulfill all consumers' wants and needs. Distinctive packaging creates greater impulse sales.
RC - "Right Choice Program". A standard quality product for general cleaning with a distinctive merchandising program and instantly recognizable products for greater sales.

CHENILLE WASH MITT
100% cotton cleaning mitt with elastic wristband makes cleaning, washing, and dusting fast and easy. 8" x 10".
Part No. 2-301.

SHAMPOO WASH PAD
Super sudsing pad washes away dirt and grime. 100% cotton. 8" x 5" x 2¾".
Part No. 9-36.

WASH MITT
Super soft wash mitt with elastic wristband makes washing, dusting, and polishing fast and easy. 6" x 9".
Part No. 2-315.

DELUXE WASH MITT w/ THUMB
Unique thumb-hold design and elastic wrist for better control. Premium dense pile puts on more suds and washes away more dirt. Non-abrasive. 8" x 10".
Part No. 2-300.

BAG OF RAGS
Ideal for washing, drying, and general clean-up. Machine washable, super soft 100% fleece fabric. 1 lb.
Part No. 2-254.

SHOP TOWELS
Mechanics' shop towels for cleaning hands, wiping up spills, and removing dirt and grease. 100% cotton.
Part No. 3-530, Pack of 4, 14" x 14".
Part No. 3-537, Pack of 12, 13" x 13".

TERRY TOWELS
100% cotton terry towels for washing, drying, and polishing. Non-abrasive. 14" x 17", pack of 4.
Part No. 3-527-4

RECTANGULAR SPONGE
Extra large super sudsing soft sponge. 8½" x 6½" x 2".
Part No. 9-18.

ULTRA DRY CHAMOIS
Uniquely designed leather replacement, dries streak-free and spotless. 2½ sq. ft.
Part No. 11-4250.

GENUINE SHEEPSKIN CHAMOIS
Creates a spotless, streak-free shine. Its natural oxidized tanning oils help preserve and protect your car's finish.
Part No. 02200, 2 sq. ft.
Part No. 02300, 3 sq. ft.
Part No. 02400, 4 sq. ft.

CHEESECLOTH
Picks up dust and grit from freshly polished surfaces. Knit weave. 4 sq. yards.
Part No. 2-214

POLISHING CLOTH
Ideal for waxing, dusting, and polishing. Soft and lint free. Bleached white. 6 oz.
Part No. 2-4.

APPLICATOR PADS
Ideal for applying protectants, waxes, and polishes. Soft and lint free. 5" diameter; pack of 2.
Part No. 9-28.

APPLICATOR PAD w/ POCKET
Unique reversible hand pocket for better control and flexibility. Designed for use with waxes, polishes, and protectants. 6" diameter.
Part No. 9-27.

DETAIL BRUSHES
One each; stainless steel for paint, rust, and corrosion removal, brass for under the hood detailing, and nylon for removing wax from hard to reach areas. Pack of 3.
Part No. 4B319.

WHEEL DETAIL BRUSH
Conforms to any wheel design. Great for wire wheels. Gets dirt out of tight spaces faster and easier.
Part No. 4B335.

CLEAN-RITE®

Products

"TYPE" LEGEND:
DC - Kiwi™ The "Detailer's Choice® Program". A selection of premium quality products for all aspects of detail cleaning. Individually designed, these products fulfill all consumers' wants and needs. Distinctive packaging creates greater impulse sales.
RC - "Right Choice Program". A standard quality product for general cleaning with a distinctive merchandising program and instantly recognizable products for greater sales.

WHEEL, GRILL, & BUMPER BRUSH
Durable plastic bristles for easy cleaning.
Easy grip knuckle saving handle design.
Part No. 4B322.

FENDER & BODY BRUSH
Non-abrasive natural tampico bristles stay soft for gentle cleaning. Knuckle saving handle.
Part No. 4B331.

TIRE & BATTERY BRUSH
Durable brass bristles with knuckle saving handle, cuts through dirt faster and easier.
Part No. 4B325.

DIP & WASH BRUSH
Soft split-tip bristles won't scratch. Extra long handle makes it faster and easier to clean hard to reach areas.
Part No. 4B344.

INTERIOR BRUSH
Gives new life to velour upholstery, floor mats, and vinyl tops. The spot scrubber on the easy grip handle targets dirty spots for quick results.
Part No. 4B326.

WHISK BROOM w/ DUST PAN
For quick clean-up. Removes dirt and debris from carpet.
Part No. 4B320.

ATLAS

Braided 2-in-1 Nylon Tow Ropes

2-in-1 Braided Rope Advantages
•Two ropes in one
•Braided outer jacket over inner braided core
•Two ropes performing as a single integrated rope
•Stronger than twisted rope

NOTE: The part number suffix denotes your rope type:
C = Chain and Hook Ends
L = Looped Ends
W = Webbed Ends (protective nylon webbing)
H = Slip Hooks
T = Steel Thimbles

2 year replacement warranty on material and workmanship. (Does not cover cutting by sharp object or abuse.)

PART NO.	DESCRIPTION	TENSION (lbs.)
7710-326-H	1/2" x 15 ft. braided nylon rope with hooks	6,000
7710-335-H	5/8" x 20 ft. braided nylon rope with hooks	12,000
7710-350-C	5/8" x 20 ft. braided nylon rope with 24" chain and hooks	12,000
7710-355-C	3/4" x 20 ft. braided nylon rope with 30" chain and hooks	20,000
7710-360-L	3/4" x 20 ft. braided nylon rope with looped ends	18,000
7710-360-W	3/4" x 20 ft. braided nylon rope with webbed ends	20,000
7710-360-T	3/4" x 20 ft. braided nylon rope with thimbles	20,000
7710-385-C	1" x 20 ft. braided nylon rope with 30" chain and hooks	26,400
7710-400-L	1" x 20 ft. braided nylon rope with looped ends	30,000
7710-400-W	1" x 20 ft. braided nylon rope with webbed ends	30,000
7710-400-T	1" x 20 ft. braided nylon rope with thimbles	30,000
7710-425-L	1¼" x 20 ft. braided nylon rope with looped ends	50,000
7710-425-W	1¼" x 20 ft. braided nylon rope with webbed ends	50,000
7710-425-T	1¼" x 20 ft. braided nylon rope with thimbles	55,000
7710-450-L	1½" x 20 ft. braided nylon rope with looped ends	70,000
7710-450-W	1½" x 20 ft. braided nylon rope with webbed ends	70,000
7710-450-T	1½" x 20 ft. braided nylon rope with thimbles	70,000
7710-800-L	2" x 20 ft. braided nylon rope with looped ends	129,000
7710-800-L3	2" x 30 ft. braided nylon rope with looped ends	129,000
7710-800-W	2" x 20 ft. braided nylon rope with webbed ends	129,000
7710-800-W3	2" x 30 ft. braided nylon rope with webbed ends	129,000

rope with chain and hooks

rope with steel thimble ends

rope with slip hook ends

ORION ROPE
Tow Ropes

Part No. TH-2058, 5/8" nylon tow rope - 20 ft. 9350 lbs.
Part No. TH-2034, ¾" nylon tow rope - 20 ft. 12,800 lbs.
Part No. TH-2010, 1" nylon tow rope - 20 ft. 22,600 lbs.
Part No. TH-20125, 1¼" nylon tow rope - 20 ft. 33,800 lbs.
Part No. NH-2015, 1½" nylon tow rope - 20 ft. 47,800 lbs.
Part No. NH-2020, 2" nylon tow rope - 20 ft. 83,000 lbs.
Part No. NH-20225, 2¼" nylon tow rope - 20 ft. 113,000 lbs.

•Rope sizes 5/8" to 2" come with protective guards.
•Rope sizes 5/8" to 1¼" come with hooks.
•Rope sizes 1½" to 2¼" have looped ends.
•All Orion tow ropes have been tested to their breaking strength. There is no guarantee against misuse, overloading, or cutting.

DYNALINE
Tow Straps

GENERAL PURPOSE TOW STRAP
2" x 15 ft. Reinforced nylon webbing with safety hooks. 8500 lbs. towing capacity. Clamshell packaging.
Part No. 11197.

RECOVERY STRAP
2" x 20 ft. Heavy duty nylon webbing. Reinforced loop ends. 20,000 lbs. breaking strength. Clamshell packaging.
Part No. 11199.

LOAD-LOK
Tow Ropes & Recovery Straps

NOTE: Safe Working Load Limit is 1/3 Maximum Load

TOW ROPE
Polypropylene tow rope. ¾" x 14 ft. 6000 lbs. maximum load. Complete with forged steel hooks. Yellow.
Part No. 09101.

TOW ROPE
Polypropylene tow rope. 7/8" x 14 ft. 8500 lbs. maximum load. Complete with forged steel hooks. Yellow.
Part No. 09102.

TOW STRAP
Polyester tow strap. 2" x 15 ft. 5000 lbs. maximum load. Complete with forged steel hooks. Yellow.
Part No. 01002.

TOW STRAP
Polyester tow strap. 2" x 15 ft. 8500 lbs. maximum load. Complete with forged steel hooks. Yellow.
Part No. 09200.

2" RECOVERY STRAP
Nylon recovery strap, c/w sewn loops with wear material. 18,000 lbs. maximum load. White.
Part No. 09500, 2" x 20 ft.
Part No. 09600, 2" x 30 ft.

3" RECOVERY STRAP
Nylon recovery strap, c/w sewn loops with wear material. 27,000 lbs. maximum load. White.
Part No. 09700, 3" x 20 ft.
Part No. 59800, 3" x 30 ft.

4" RECOVERY STRAP
Nylon recovery strap, c/w sewn loops with wear material. 35,000 lbs. maximum load. White.
Part No. 59801, 4" x 30 ft.

6" RECOVERY STRAP
Nylon recovery strap, c/w sewn loops with wear material. 55,000 lbs. maximum load. White.
Part No. 59802, 6" x 30 ft.

3" RECOVERY STRAP
Nylon recovery strap, c/w chain lead — 18" each end. 18,000 lbs. maximum load. White.
Part No. 59803, 3" x 25 ft.

Heavy Duty Cargo Control — Cam Buckle & Ratchet Straps

1" CAM BUCKLE STRAP
Min. W.L.L. = 835 lbs.
Part No. RS-100-12-W, 12 ft., c/w wire hooks.

1" RATCHET STRAP
Min. W.L.L. = 835 lbs.
Part No. RS-100-16-W, 16 ft., c/w wire hooks and "D" rings.

1½" RATCHET STRAPS
Min. W.L.L. = 1670 lbs.
Part No. RS-150-15-W, 15 ft., c/w wire hooks.
Part No. RS-150-20-W, 20 ft., c/w wire hooks.
Part No. RS-150-25-W, 25 ft., c/w wire hooks.
Part No. RS-150-30-W, 30 ft., c/w wire hooks.

2" RATCHET STRAPS
Min. W.L.L. = 3335 lbs.
Part No. RS-200-15-W, 15 ft., c/w wire hooks.
Part No. RS-200-20-W, 20 ft., c/w wire hooks.
Part No. RS-200-25-W, 25 ft., c/w wire hooks.
Part No. RS-200-30-W, 30 ft., c/w wire hooks.

Part No. RS-200-15-F, 15 ft., c/w flat hooks.
Part No. RS-200-20-F, 20 ft., c/w flat hooks.
Part No. RS-200-25-F, 25 ft., c/w flat hooks.
Part No. RS-200-30-F, 30 ft., c/w flat hooks.

3" RATCHET STRAPS
Min. W.L.L. = 5000 lbs.
Part No. RS-300-20-F, 20 ft., c/w flat hooks.
Part No. RS-300-25-F, 25 ft., c/w flat hooks.
Part No. RS-300-30-F, 30 ft., c/w flat hooks.

wire hook

4" RATCHET STRAP
Min. W.L.L. = 5000 lbs.
Part No. RS-400-30-F, 30 ft., c/w flat hooks.

flat hook

Note: Actual product may exceed Min. W.L.L. specifications listed.

Heavy Duty Cargo Control — Winch Straps

2" x 25 ft. WINCH STRAP
Min. W.L.L. = 3335 lbs.
Part No. LS-200-25-W, c/w wire hook.
Part No. LS-200-25-F, c/w flat hook.
Part No. LS-200-25-C, c/w chain & grab hook.

2" x 30 ft. WINCH STRAP
Min. W.L.L. = 3335 lbs.
Part No. LS-200-30-W, c/w wire hook.
Part No. LS-200-30-F, c/w flat hook.
Part No. LS-200-30-C, c/w chain & grab hook.

3" x 25 ft. WINCH STRAP
Min. W.L.L. = 5000 lbs.
Part No. LS-300-25-F, c/w flat hook.
Part No. LS-300-25-V, c/w "V" ring.
Part No. LS-300-25-C, c/w chain & grab hook.

3" x 30 ft. WINCH STRAP
Min. W.L.L. = 5000 lbs.
Part No. LS-300-30-F, c/w flat hook.
Part No. LS-300-30-V, c/w "V" ring.
Part No. LS-300-30-C, c/w chain & grab hook.

4" x 25 ft. WINCH STRAP
Min. W.L.L. = 5000 lbs.
Part No. LS-400-25-F, c/w flat hook.
Part No. LS-400-25-V, c/w "V" ring.
Part No. LS-400-25-C, c/w chain & grab hook.

4" x 30 ft. WINCH STRAP
Min. W.L.L. = 5000 lbs.
Part No. LS-400-30-F, c/w flat hook.
Part No. LS-400-30-V, c/w "V" ring.
Part No. LS-400-30-C, c/w chain & grab hook.

4" x 45 ft. WINCH STRAP
Min. W.L.L. = 5000 lbs.
Part No. LS-400-45-F, c/w flat hook.
Part No. LS-400-45-V, c/w "V" ring.

wire hook

flat hook

"V" ring

chain & grab hook

Note: Actual product may exceed Min. W.L.L. specifications listed.

Heavy Duty Cargo Control — Cargo Winches & Accessories

4" H.D. SLOT WINCH
Sliding or weld-on, extra capacity.
Part No. SWS-X.

sliding winch

4" H.D. SLOT WINCH
Portable - 2 screws.
Part No. SWP-S, Standard.
Part No. SWP-L, Low profile.

low profile winch

4" H.D. SLOT WINCH
Weld on.
Part No. SWW-L, Low profile.
Part No. SWW-S, Standard.
Part No. SWW-BL, 3 bar.

Standard height winches are for bottom mounting only.
Low Profile winches are designed for side mounting.
Storable winches are for bottom mounting and offer added capacity for storing up to 30 ft. of webbing.

SWW-L

SWW-S

SWW-BL

6 FT. WINCH TRACK
Sliding winch track, 6 ft. length.
Part No. SWT-6.

LOAD RESTRAINT BAR
"Saf-T-Lok Bar" load restraint bar — adjusts from 89" - 105".
Part No. LRB.

Replacement Parts for #LRB:
Part No. 1867-6, Large replacement foot.
Part No. 1867-7, Small replacement foot.
Part No. 1867-LHH, Replacement handle and housing assembly.

RATCHET BUCKLE
2" ratchet buckle — 11,000 lb. breaking strength.
Part No. RRA-200.

LOGISTIC
Straps & Accessories

Logistic Straps and Accessories - are designed to take care of most interior van loading requirements.

2" CAM BUCKLE STRAP w/ SPRING LOADED 'E' FITTINGS
W.L.L. = 835 lbs.
Part No. CLG12E, 12 ft. yellow strap.
Part No. CLG16E, 16 ft. grey strap.
Part No. CLG20E, 20 ft. blue strap.

2" CAM BUCKLE STRAP w/ WIRE HOOKS
W.L.L. = 500 lbs.
Part No. CLG12W, 12 ft. yellow strap.
Part No. CLG16W, 16 ft. grey strap.
Part No. CLG20W, 20 ft. blue strap.

2" CAM BUCKLE STRAP w/ BUTTERFLY (F STYLE) FITTINGS
W.L.L. = 670 lbs.
Part No. CLG12B, 12 ft. yellow strap.
Part No. CLG16B, 16 ft. grey strap.
Part No. CLG20B, 20 ft. blue strap.

2" RATCHET BUCKLE STRAP w/ SPRING LOADED 'E' FITTINGS
W.L.L. = 1000 lbs.
Part No. RLG12E, 12 ft. yellow strap.
Part No. RLG16E, 16 ft. grey strap.
Part No. RLG20E, 20 ft. blue strap.

2" RATCHET BUCKLE STRAP w/ WIRE HOOKS
W.L.L. = 500 lbs.
Part No. RLG12W, 12 ft. yellow strap.
Part No. RLG16W, 16 ft. grey strap.
Part No. RLG20W, 20 ft. blue strap.

2" RATCHET BUCKLE STRAP w/ BUTTERFLY (F STYLE) FITTINGS
W.L.L. = 670 lbs.
Part No. RLG12B, 12 ft. yellow strap.
Part No. RLG16B, 16 ft. grey strap.
Part No. RLG20B, 20 ft. blue strap.

SERIES 'E' TRACK
Designed to provide the attachment point for a wide variety of interior van cargo control systems. Track will accept all end fittings, sockets, beams and bars designed for use in series 'E'. Can be attached with screws, rivets or welding. 10 ft. galvanized track.
Part No. LT-H-E, horizontal track.
Part No. LT-V-E, vertical track.

SERIES 'E' DECKING BEAM
W.L.L. = 2000 lbs.
The beams are made from extruded high strength aluminum alloy. Decking beam ends feature steel heads that are E-spring loaded for easy installation and removal. 92" - 102" adjustable length beam.
Part No. DB-E.

SERIES 'E' TIE DOWN
W.L.L. = 835 lbs.
2" x 6" tie down w/ D-ring and spring 'E' fitting.
Part No. TD-6-E.

BUYERS
Logistic Accessories

'E' TRACK FITTING BOARD HOLDER
•Holds 2" x 4" and 2" x 6" lumber •WLL depends on board or beam used •Zinc plated
Part No. 01100.

ROPE RING w/ 'E' TRACK FITTING
•1-5/16" I.D. ring with spring action security latch •6000 lbs. min. breaking strength •2000 lbs. working load limit •Zinc plated •With E track fitting
Part No. 01090.

Light/Medium Duty Cargo Control

NOTE: Safe Working Load Limit is 1/3 Maximum Load

MOTORCYCLE "SOFT" TIE-DOWN - CAM BUCKLE
Built-in soft tie allows the user to hook high in the fork of motorcycles. Can still be used with the hooks if necessary. 1" x 6 ft., 750 lb.
Part No. 05727, Pack of 2, red.

MOTORCYCLE "SOFT" TIE-DOWN - TOOTHLESS BUCKLE
Built-in soft tie allows the user to hook high in the fork of motorcycles. Can still be used with the hooks if necessary. 1" x 6 ft., 1200 lb.
Part No. 05729, Pack of 2, red.

MOTORCYCLE TIE DOWN STRAP
Nylon motorcycle tie down strap, c/w cam buckle and hooks. 1" x 6 ft., 750 lb.
Part No. 05700, Pack of 2, black.

ATV TIE DOWN STRAP
Nylon ATV tie down strap, c/w cam buckle and hooks. 1" x 5 ft., 750 lb.
Part No. 06299, Pack of 3, red.
Part No. 06300, Pack of 3, black.

ATV TIE DOWN ASSIST
Nylon ATV tie down assists. 1" x 18", 2000 lbs. maximum load.
Part No. 06304, Pack of 2, red.

ROPE RATCHET
Simply attach hooks and pull loose end of rope to the secure tightness you need. Releases with a thumb lever.
Part No. 01800, ¼" x 8 ft., 150 lb.
Part No. 01801, 3/8" x 8 ft., 250 lb.
Part No. 01805, ½" x 12 ft., 500 lb.

POLYPROPYLENE HANDY STRAP
Polypropylene handy strap, c/w ladder lock buckle. (Assorted colours).
Part No. 08200, Pack of 2, 1" x 6 ft.

POLYPROPYLENE ROOF RACK STRAP
Polypropylene roof rack strap, c/w cam buckle and gutter hooks. 1" x 7 ft.
Part No. 58100, Black.

POLYPROPYLENE TRUNK STRAP
Polypropylene truck strap, c/w cam buckle and wire hooks. 1" x 5 ft.
Part No. 02500, Red.

POLYPROPYLENE LASH STRAP
Polypropylene lash strap, c/w cam buckle. 1" x 10 ft.
Part No. 02600, Red.

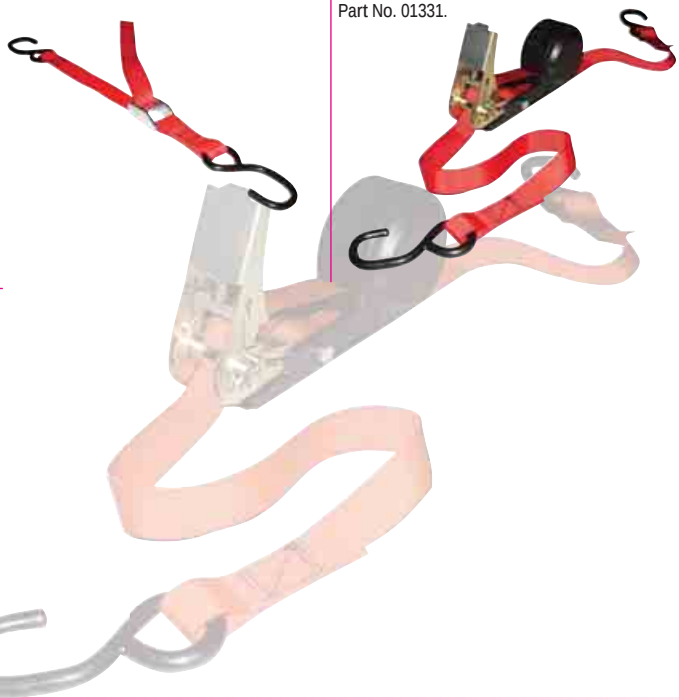
POLYPROPYLENE LASH STRAP
Polypropylene lash strap, c/w ratchet. 1" x 15 ft., 500 lbs. maximum load.
Part No. 01401, Red.

POLYPROPYLENE RATCHET STRAP
Polypropylene ratchet strap, c/w hooks. 1" x 15 ft., 500 lbs. maximum load.
Part No. 01400, Red.

POLYPROPYLENE LASHING STRAP
Polypropylene lashing strap c/w cam buckle. "J" hook at one end and sewn loop at the other end. Sewn loop ideal for use with screw pin shackle or 'U' bolt to affix one end. Great for use on tank trucks for securing hoses. 1" x 6 ft., 100 lbs. maximum load.
Part No. 01101, Red.

POLYPROPYLENE CAM STRAP
Polypropylene cam strap c/w cam buckle and hooks. 1" x 10 ft., 300 lbs. maximum load.
Part No. 01100, Red.

RETRACTABLE RATCHET STRAP
Patented system uses a storage wheel to store the excess web not required during use. 1" x 10 ft., 900 lb.
Part No. 01331.



NYLON CAM STRAP
Nylon cam strap, c/w cam buckle and hooks. 1" x 15 ft., 750 lbs. maximum load.
Part No. 01200, Black.

NYLON RATCHET STRAP
Nylon ratchet strap, c/w hooks. 1" x 15 ft., 1200 lbs. maximum load.
Part No. 01300, Black.

NOTE: Safe Working Load Limit is 1/3 Maximum Load

NYLON RATCHET STRAP SET
Pack of 4 nylon ratchet straps, ratchet locks tight w/ quick release, vinyl coated hooks. 1" x 10 ft., 900 lbs. maximum load.
Part No. 01418, Red, pack of 4.

NYLON STRAP SET
Pack of 4 nylon straps, quick lock cam buckle, vinyl coated hooks. 1" x 5½ ft., 900 lbs. maximum load.
Part No. 05605, Red, pack of 4.

TCS BUCKLE
T=Toothless C= Convenient S= Secure

SECURITY LOCK BUCKLE TIE-DOWN
Toothless design will not damage the webbing. Non-slip spring loaded locking action for quick and easy adjustment. 1" x 6 ft., 1200 lb.
Part No. 05712, Pack of 2, 1" x 6 ft., red.
Part No. 05721, 1" x 15 ft., black.

1" NYLON HEAVY DUTY RATCHET STRAP
Nylon heavy duty ratchet strap, c/w double "J" hooks. 3000 lbs. maximum load.
Part No. 01316, Yellow, 1" x 15 ft.
Part No. 01326, Yellow, 1" x 25 ft.

4000 lb. RATCHET STRAP
With strong double "J" hooks. 1½" x 15 ft., 4000 lb.
Part No. 01330, Black.

4000 lb. RATCHET STRAP
With twisted snap hooks and safety latch. 1½" x 15 ft., 4000 lb.
Part No. 01324, Black.

2" POLYESTER HEAVY DUTY RATCHET STRAP
Polyester heavy duty ratchet strap, c/w double "J" hooks. 5000 lbs. maximum load.
Part No. 02300, Yellow, 2" x 15 ft.
Part No. 02400, Yellow, 2" x 25 ft.

2" POLYESTER INDUSTRIAL RATCHET STRAP
Polyester industrial ratchet strap, c/w flat hooks. 10,000 lbs. maximum load. Yellow with red stripe.
Part No. 08500, 2" x 30 ft.

2" POLYESTER INDUSTRIAL RATCHET STRAP
Polyester industrial ratchet strap, c/w double "J" hooks. 10,000 lbs. maximum load. Yellow with red stripe.
Part No. 08510, 2" x 30 ft.

2" POLYESTER INDUSTRIAL RATCHET STRAP
Polyester industrial ratchet strap. 10,000 lbs. maximum load. Yellow with red stripe.
Part No. 58527, 2" x 27 ft., c/w flat hooks.
Part No. 58627, 2" x 27 ft., c/w double "J" hooks.

flat hooks

double "J" hooks

3" POLYESTER INDUSTRIAL RATCHET STRAP
Polyester industrial ratchet strap. 15,000 lbs. maximum load. Yellow with red stripe. 3" x 30 ft.
Part No. 58514, c/w flat hooks.
Part No. 58515, c/w double "J" hooks.
Part No. 58516, c/w chain leads.

flat hooks

double "J" hooks

chain leads

2" TRUCK & TRAILER MINI WINCHES
Part No. 52805, 5000 lb.
Part No. 52804, 10,000 lb.

POLYESTER WINCH STRAP
Polyester winch strap, c/w double "J" hook on one end. 2" x 27 ft., 5000 lbs. maximum load.
Part No. 03100, Yellow.

POLYESTER WINCH STRAP
Polyester winch strap, c/w flat hook with safety latch and bolt-on end. 3300 lbs. maximum load.
Part No. 06404, 2" x 25 ft.

Light/Medium Duty Cargo Control

NOTE: Safe Working Load Limit is 1/3 Maximum Load

TIRE STRAP
Adjustable tire strap, 3300 lb. safe working load limit. Fits most tires from small cars to large 4 wheel drive trucks. 2" double "J" hook on short end.
Part No. 58522, Tire strap with ratchet.
Part No. 08518, Strap assembly only.

58522

08518

POLYESTER CAR/MACHINERY TIE DOWN
Polyester car/machinery tie down strap, c/w twisted safety hooks. 2" x 7 ft., 10,000 lbs. maximum load. Blue with red stripe.
Part No. 08504.

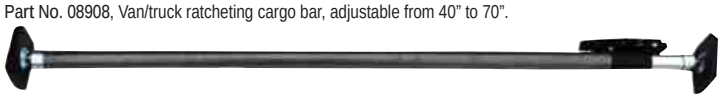
NYLON AXLE STRAP
Nylon axle strap, c/w welded D-rings. 2" x 24", 5000 lbs. maximum load. Blue.
Part No. 08506.

POLYESTER AXLE STRAP
Polyester axle strap, c/w forged D-rings. 2" x 24", 10,000 lbs. maximum load. Blue w/ red stripe.
Part No. 08505.

CARGO BARS
Part No. 08907, Deluxe pick-up cargo bar, lever action, adjustable from 60" to 75".

Part No. 08906, Deluxe van/truck cargo bar, lever action, adjustable from 80" to 104".

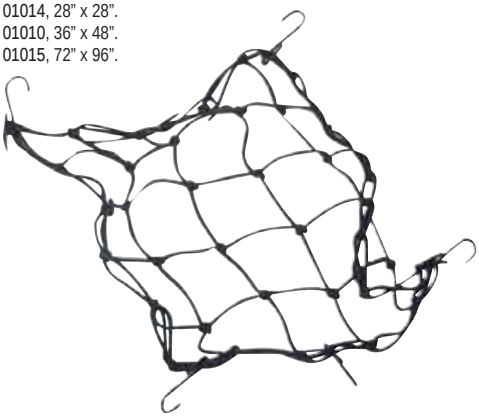
Part No. 08908, Van/truck ratcheting cargo bar, adjustable from 40" to 70".

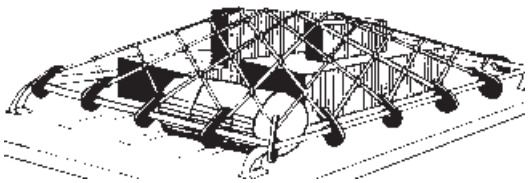


Part No. 08909, Industrial ratcheting cargo bar, adjustable from 81" to 105".

Part No. 08910, Van/truck twist type cargo bar, adjustable from 49" to 70".

CARGO NETS
Smaller units are ideal for ATVs, motorcycles, bicycles and snowmobiles. Medium to larger units are great for truck racks, truck boxes, etc.
Part No. 01013, 15" x 15".
Part No. 01016, 15" x 30".
Part No. 01014, 28" x 28".
Part No. 01010, 36" x 48".
Part No. 01015, 72" x 96".





ZINC PLATED WIRE ANCHOR
Zinc plated wire anchor with solid rubber base.
Part No. 01004,
Pack of 2.

CHROME PLATED ANCHOR
Chrome plated anchor with solid rubber base.
Part No. 01005,
Pack of 2.

PICK-UP ANCHOR
Ford/Dodge (1997 and up) pick-up anchor.
Part No. 01011,
Pack of 2.

4 BOLT ANCHOR RING
4 bolt surface mount anchor ring, 2000 lbs. maximum load.
Part No. 09113.

2 BOLT WIRE ANCHOR RING
2 bolt surface mount wire anchor ring, 1200 lbs. maximum load.
Part No. 09108, Pack of 2.

RECESSED ANCHOR RING
Surface mount with recessed anchor ring. 1200 lbs. maximum load.
Part No. 09110.

RECESSED ANCHOR RING
Recessed anchor ring, 1200 lbs. maximum load.
Part No. 09109.

HEAVY DUTY ANCHOR RING
½" heavy duty surface mount anchor ring. 11,000 lbs. maximum load.
Part No. 09111.

NOTE: Safe Working Load Limit is 1/3 Maximum Load

Light/Medium Duty Cargo Control

HEAVY DUTY RECESSED ANCHOR RING

Heavy duty recessed anchor ring. 5000 lbs. maximum load.
Part No. 09114.

REMOVABLE ANCHOR RING

Trailer deck removable anchor ring — strong ½" eye bolt, no rust construction. 1200 lbs. maximum load.
Part No. 09093, Pack of 2.

TRUCK CANOPY CLAMPS

Aluminum truck canopy clamps. Choose from small or large.
Part No. 09450, Pack of 2, small.
Part No. 09453, Pack of 2, large.

09450

09453

TOOL BOX ANCHOR KIT

Includes nuts and washers.
Part No. 09086, Pack of 4.

TARP CLIP

Part No. 01029, Pack of 3.

Light/Medium Duty Cargo Control — Marine Products

NYLON TRANSOM TIE DOWN STRAP

Nylon inboard/outboard transom tie down strap, c/w over centre buckle and hooks. 1" x 4 ft., 750 lbs. maximum load.
Part No. 05800, Pack of 2, black.

POLYESTER TRANSOM TIE DOWN STRAP

Polyester inboard/outboard transom tie down strap, c/w over centre buckle and hooks. 2" x 4 ft., 750 lbs. maximum load.
Part No. 06100, Pack of 2, black.

NYLON TRANSOM RATCHET TIE DOWN STRAP

Nylon inboard/outboard transom ratchet tie down strap, c/w ratchet buckle and hooks. 1" x 6 ft., 1200 lbs. maximum load.
Part No. 05801, Pack of 2, black.

POLYESTER RATCHET STRAP

Polyester ratchet strap, c/w ratchet buckle and hooks. 1" x 15 ft., 1200 lbs. maximum load.
Part No. 04700, Red.

NYLON BOW STRAP

Nylon bow strap, c/w cam buckle and hooks. 1" x 6 ft., 750 lbs. maximum load.
Part No. 04600, Red.

GALVANIZED DOCK RINGS

Complete with 4 bolt base.
Part No. 03600, ¼" x 2".
Part No. 03700, 5/16" x 2".

DOCK CLEATS

Galvanized.
Part No. 53501, 4".
Part No. 53400, 6".
Part No. 53500, 8".
Part No. 53502, 10".

LOAD-LOK
Accessories

CHAIN CAP
12 ga. galvanized steel chain cap. 6" wide.
Part No. CC-100.

STRAP CAP
12 ga. galvanized steel strap cap. 8" wide; handles up to 4" straps.
Part No. CC-200.

STRAP CAP
12 ga. black steel strap cap. 5" wide; handles up to 4" straps.
Part No. SLP-76G.

STRAP GUARD
Plastic strap guard; for up to 4" straps.
Part No. MODELB.

STRAP PROTECTORS
Rubber strap protector.
Part No. 37022, 2" to 3".
Part No. 37024, 4".

TARP GUARD
Protects tarps from sharp corners.
Part No. TG-1.

STRAP WINDER
All steel strap winder, clamp-on — for 2" - 4" straps.
Part No. 10091.

BUY/1385

BUYERS CORNER WEBBING PROTECTOR
Protects straps and cargo; for use with up to 4" wide straps. Tall "ears" helps keep strap centred. Slotted ends for ease of threading straps. Black plastic.
Part No. 5481000.

NEW!!

Buyers

CHROME WINCH BAR
Standard winch bar; chrome plated.
Part No. 37031.

ANGLED WINCH BAR
Winch bar, 32" — angled chrome moly-steel tip, punched and flared to prevent slipping.
Part No. MEB-4.

WINCH BAR/LOAD BINDER
Combination winch bar/load binder bar with pinched and flared tip.
Part No. MEB-5.

GDL
Tie-Down Strap

Part No. GD-775, Package of 2, 1" x 6 ft. tie-down strap.

DYNALINE

CAMBUCKLE TIE DOWN

Cambuckle tie down. Designed for quick and easy operation. Weather resistant nylon webbing. Equipped with vinyl coated heat treated steel hooks. Clamshell packaging. 400 lbs. safe working load limit; 1200 lbs. maximum load rating.
Part No. 11182, 1" x 6 ft.
Part No. 11185, 1" x 10 ft.

RATCHET TIE DOWN

1" x 15 ft. ratchet tie down. Holds loads securely. Weather resistant nylon webbing. Vinyl coated steel hooks. Clamshell packaging. 400 lbs. safe working load limit; 1200 lbs. maximum load rating.
Part No. 11183.

RATCHET TIE DOWN

1½" x 25 ft. ratchet tie down. Heavy duty ratchet mechanism and heavy duty weather resistant nylon webbing. Double "J" hooks. Clamshell packaging. 2200 lbs. safe working load limit; 6600 lbs. maximum load rating.
Part No. 11186.

RATCHET TIE DOWN

1" x 15 ft. ratchet tie down. Heavy duty ratchet mechanism and weather resistant nylon webbing. Double "J" hooks. Clamshell packaging. 600 lbs. safe working load limit; 1800 lbs. maximum load rating.
Part No. 11189.

RATCHET TIE DOWN

2" x 27 ft. ratchet tie down. Heavy duty ratchet mechanism and heavy duty weather resistant nylon webbing. Double "J" hooks. Clamshell packaging. 3300 lbs. safe working load limit; 10,000 lbs. maximum load rating.
Part No. 11190.

RATCHET ROPE TIE DOWN

Pulls tight and won't slip. Easy release thumb lever. High impact plastic case and die cast hardware. Supplied with braided rope and hook. Blister card packaging.
Part No. 11284, ¼" 1 rope and hook set, 150 lbs. safe working load limit.
Part No. 11286, 3/8" 1 rope and hook set, 250 lbs. safe working load limit.

Bungee Cords & Hooks

Polyester sheath with rubber core. Vinyl coated wire hook ends. 66 - 77 lbs. load rated. Also available: bulk bungee cord; bungee cord hooks.
Part No. 12273, 5/16" diameter x 16" long bungee cord.

Part No. 11176, 1/4" diameter x 216 ft. bulk bungee cord. Black polyester sheath with rubber core. Supplied on a plastic reel. Load rated to 55 - 66 lbs.
Part No. 11177, 5/16" diameter x 216 ft. bulk bungee cord. Black polyester sheath with rubber core. Supplied on a plastic reel. Load rated to 66 - 77 lbs.

Part No. 11174, Vinyl coated wire hook fits 1/4" and 5/16" bungee cord.
Part No. 11175, Self adjusting nylon hook fits 1/4" and 5/16" bungee cord. Won't scratch or mark surfaces.

CELEBRATING 40 YEARS
1968 Gregg 2008

LOAD-LOK

Stretch Cords & Hooks

HOOKS
Bag of 100, adjustable hooks.
Part No. 05296.

STRETCH CORD — ROLLS
Part No. 05290, 1/8" x 500 ft. roll.
Part No. 05291, 3/16" x 500 ft. roll.
Part No. 05292, 5/16" x 250 ft. roll.
Part No. 05293, 1/4" x 500 ft. roll.
Part No. 05295, 5/16" x 500 ft. roll.
Part No. 05294, 3/8" x 300 ft. roll.
Part No. 05297, 1/2" x 100 ft. roll.

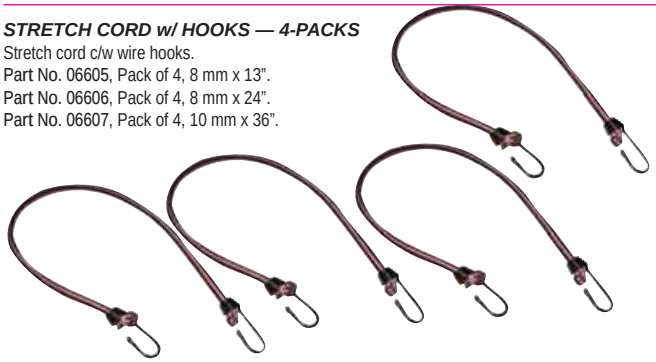
STRETCH CORD
72" stretch cord, c/w 2 adjustable hooks — packaged.
Part No. 01601.

4-WAY STRETCH CORD
8 mm x 24", 4 way stretch cord, c/w wire hooks.
Part No. 06625.

6-WAY STRETCH CORD
8 mm x 30", 6 way stretch cord, c/w wire hooks.
Part No. 06626.

STRETCH CORD w/ HOOKS
Stretch cord c/w wire hooks.
Part No. 06613, 8 mm x 13".
Part No. 06618, 8 mm x 18".
Part No. 06624, 8 mm x 24".
Part No. 06630, 9 mm x 30".
Part No. 06636, 10 mm x 36".

STRETCH CORD w/ HOOKS — 4-PACKS
Stretch cord c/w wire hooks.
Part No. 06605, Pack of 4, 8 mm x 13".
Part No. 06606, Pack of 4, 8 mm x 24".
Part No. 06607, Pack of 4, 10 mm x 36".



BUNGEY KIT
Pack of 15, bungey kit contains: (4) 10", (3) 13", (2) 18", (4) 24", (2) 30".
Part No. 06620.

NORTHERN LINKS

Cold Weather Snap Straps

Extra flexible blue rubber perfect for cold weather use. Resists the effects of heat and cold; sunlight; oxidation; cracks and abrasion. Complete with 2 "S" hooks. Can be ordered individually, please note standard packaging is 50 (in an attractive box).

Part No. SS-9-EX, 9" Northern Links blue extra flex snap strap.
Part No. SS-15-EX, 15" Northern Links blue extra flex snap strap.
Part No. SS-20-EX, 20" Northern Links blue extra flex snap strap.
Part No. SS-31-EX, 31" Northern Links blue extra flex snap strap.

SNAPPI-HOOKERS
Cold-Snap Rubber Tie-Down Straps

•High performance cold weather formula •250% safe stretch •Non-cracking •Operational @ -45°C •Injection molded EPDM (superior to compression molding, no imperfections) •Meets D.O.T. safe working load limit, 50 lbs. SWL •The only D.O.T. compliant product available •Canadian made with super strong "S" hooks

Part No. DOT-9, 9" blue Cold Snap rubber tie-down strap.
Part No. DOT-15, 15" blue Cold Snap rubber tie-down strap.
Part No. DOT-20, 20" blue Cold Snap rubber tie-down strap.
Part No. DOT-30, 30" blue Cold Snap rubber tie-down strap.

RUBBER
Snap Straps

Sturdy black rubber. Can be ordered individually, please note standard packaging is 10 (in a carded plastic bag for display); also available in boxes of 50. Replacement hooks are also available.

Part No. BLK-9, 9" black standard snap strap.
Part No. BLK-15, 15" black standard snap strap.
Part No. BLK-20, 20" black standard snap strap.
Part No. BLK-30, 30" black standard snap strap.
Part No. BLK-41, 41" black standard snap strap.

Part No. BB50-9, Box of 50, 9" black standard snap strap.
Part No. BB50-15, Box of 50, 15" black standard snap strap.
Part No. BB50-20, Box of 50, 20" black standard snap strap.
Part No. BB50-30, Box of 50, 30" black standard snap strap.
Part No. BB50-41, Box of 50, 41" black standard snap strap.

Part No. SS-100, Snap strap hook.

SYNTHETIC SLINGS
Round/Coloured

Colour	4 ft. Length	6 ft. Length	8 ft. Length	10 ft. Length	12 ft. Length	14 ft. Length	16 ft. Length	20 ft. Length
PURPLE	RS-PU-4	RS-PU-6	RS-PU-8					
GREEN	RS-GR-4	RS-GR-6	RS-GR-8	RS-GR-10	RS-GR-12			
YELLOW	RS-YE-4	RS-YE-6	RS-YE-8	RS-YE-10	RS-YE-12			
TAN	RS-TA-4	RS-TA-6	RS-TA-8	RS-TA-10	RS-TA-12			
RED	RS-RE-4	RS-RE-6	RS-RE-8	RS-RE-10	RS-RE-12	RS-RE-14	RS-RE-16	RS-RE-20

Colour	Rated Capacities in Pounds			
	Vertical	Choker	Vertical Basket	45° Basket
PURPLE	3000	2400	6000	4270
GREEN	6000	4800	12,000	8500
YELLOW	9000	7200	18,000	12,700
TAN	12,000	9600	24,000	17,000
RED	14,000	11,200	28,000	19,800

1 Ply Flat Eye Synthetic Sling – Type 3, Treated

Width	4 ft. Length	6 ft. Length	8 ft. Length	10 ft. Length	12 ft. Length	14 ft. Length	20 ft. Length
1"	NS-11-4-T3	NS-11-6-T3	NS-11-8-T3	NS-11-10-T3	NS-11-12-T3	NS-11-14-T3	NS-11-20-T3
2"	NS-12-4-T3	NS-12-6-T3	NS-12-8-T3	NS-12-10-T3	NS-12-12-T3	NS-12-14-T3	NS-12-20-T3
3"	NS-13-4-T3	NS-13-6-T3	NS-13-8-T3	NS-13-10-T3	NS-13-12-T3	NS-13-14-T3	NS-13-20-T3
4"	NS-14-4-T3	NS-14-6-T3	NS-14-8-T3	NS-14-10-T3	NS-14-12-T3	NS-14-14-T3	NS-14-20-T3

1 Ply Twisted Eye Synthetic Sling – Type 4, Treated

Width	4 ft. Length	6 ft. Length	8 ft. Length	10 ft. Length	12 ft. Length	14 ft. Length	20 ft. Length
1"	NS-11-4-T4	NS-11-6-T4	NS-11-8-T4	NS-11-10-T4	NS-11-12-T4	NS-11-14-T4	NS-11-20-T4
2"	NS-12-4-T4	NS-12-6-T4	NS-12-8-T4	NS-12-10-T4	NS-12-12-T4	NS-12-14-T4	NS-12-20-T4
3"	NS-13-4-T4	NS-13-6-T4	NS-13-8-T4	NS-13-10-T4	NS-13-12-T4	NS-13-14-T4	NS-13-20-T4
4"	NS-14-4-T4	NS-14-6-T4	NS-14-8-T4	NS-14-10-T4	NS-14-12-T4	NS-14-14-T4	NS-14-20-T4

Synthetic Slings are available in four varieties:
- 1 Ply Flat Eye, Type 3
- 1 Ply Twisted Eye, Type 4
- 2 Ply Flat Eye, Type 3
- 2 Ply Twisted Eye, Type 4

All slings are treated, and can be used in a vertical, choker, or basket position. Rated capacities for each position are listed for your convenience.

2 Ply Flat Eye Synthetic Sling – Type 3, Treated

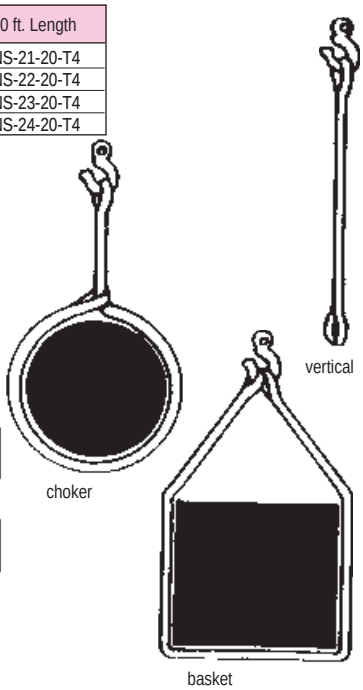
Width	4 ft. Length	6 ft. Length	8 ft. Length	10 ft. Length	12 ft. Length	14 ft. Length	20 ft. Length
1"	NS-21-4-T3	NS-21-6-T3	NS-21-8-T3	NS-21-10-T3	NS-21-12-T3	NS-21-14-T3	NS-21-20-T3
2"	NS-22-4-T3	NS-22-6-T3	NS-22-8-T3	NS-22-10-T3	NS-22-12-T3	NS-22-14-T3	NS-22-20-T3
3"	NS-23-4-T3	NS-23-6-T3	NS-23-8-T3	NS-23-10-T3	NS-23-12-T3	NS-23-14-T3	NS-23-20-T3
4"	NS-24-4-T3	NS-24-6-T3	NS-24-8-T3	NS-24-10-T3	NS-24-12-T3	NS-24-14-T3	NS-24-20-T3

2 Ply Twisted Eye Synthetic Sling – Type 4, Treated

Width	4 ft. Length	6 ft. Length	8 ft. Length	10 ft. Length	12 ft. Length	14 ft. Length	20 ft. Length
1"	NS-21-4-T4	NS-21-6-T4	NS-21-8-T4	NS-21-10-T4	NS-21-12-T4	NS-21-14-T4	NS-21-20-T4
2"	NS-22-4-T4	NS-22-6-T4	NS-22-8-T4	NS-22-10-T4	NS-22-12-T4	NS-22-14-T4	NS-22-20-T4
3"	NS-23-4-T4	NS-23-6-T4	NS-23-8-T4	NS-23-10-T4	NS-23-12-T4	NS-23-14-T4	NS-23-20-T4
4"	NS-24-4-T4	NS-24-6-T4	NS-24-8-T4	NS-24-10-T4	NS-24-12-T4	NS-24-14-T4	NS-24-20-T4

Size	Rated Capacities in Pounds - 1 PLY		
	Vertical	Choker	Basket
1"	1600	1280	3200
2"	3200	2560	6400
3"	4800	3840	9600
4"	6400	5120	12,800

Size	Rated Capacities in Pounds - 2 PLY		
	Vertical	Choker	Basket
1"	3200	2560	6400
2"	6400	5120	12,800
3"	8880	7104	17,760
4"	11,520	9216	23,040



sling in action

NORSE CHAINS

Studded Truck Chains: Singles

PART NO.	DESCRIPTION & TIRE SIZE	SIDE CHAIN	CROSS CHAIN	LINKS
T130563	Pair of studded single, 7.50 x 16	6 mm	6 mm	10
T130757	Pair of studded single, 9.00 x 16	8 mm	7 mm	12
T130726	Pair of studded single, 9.00 x 20	8 mm	7 mm	12
T130728	Pair of studded single, 10.00 x 20	8 mm	7 mm	13
T130730	Pair of studded single, 10.00 x 22	8 mm	7 mm	13
T130732	Pair of studded single, 11.00 x 20	8 mm	7 mm	14
	Part numbers shown below are heavy duty:			
T130828	Pair of studded single, 10.00 x 20	8 mm	8 mm	10
T130830*	Pair of studded single, 10.00 x 22	8 mm	8 mm	10
T130831†	Pair of studded single, 10.00 x 22	8 mm	8 mm	11
T130832	Pair of studded single, 11.00 x 20	8 mm	8 mm	11
T130834	Pair of studded single, 11.00 x 22	8 mm	8 mm	11
T130836	Pair of studded single, 11.00 x 24	8 mm	8 mm	11
T130840	Pair of studded single, 12.00 x 24	8 mm	8 mm	12
T130240	Pair of studded single, 12.00 x 24	9.5 mm	9.5 mm	10

Studded Truck Chains: Dual Triples

PART NO.	DESCRIPTION & TIRE SIZE	SIDE CHAIN	CROSS CHAIN	LINKS
T134564	1/2 pair of studded triple, 7.50 x 16	6 mm	6 mm	10
T134757	1/2 pair of studded triple, 9.00 x 20	8 mm	7 mm	12
T134726	1/2 pair of studded triple, 10.00 x 20	8 mm	7 mm	13
T134728	1/2 pair of studded triple, 10.00 x 22	8 mm	7 mm	13
T134730	1/2 pair of studded triple, 11.00 x 20	8 mm	7 mm	14
	Part numbers shown below are heavy duty:			
T134826	1/2 pair of studded triple, 9.00 x 20	8 mm	8 mm	9
T134802	1/2 pair of studded triple, 10.00 x 20	8 mm	8 mm	10
T134800*	1/2 pair of studded triple, 10.00 x 22	8 mm	8 mm	10
T134801†	1/2 pair of studded triple, 10.00 x 22	8 mm	8 mm	11
T134884	1/2 pair of studded triple, 11.00 x 20	8 mm	8 mm	11
T134806	1/2 pair of studded triple, 11.00 x 22	8 mm	8 mm	11
T134808	1/2 pair of studded triple, 11.00 x 24	8 mm	8 mm	11
T134840	1/2 pair of studded triple, 12.00 x 24	8 mm	8 mm	12
T134501	1/2 pair of studded triple, 10.00 x 22	9.5 mm	9.5 mm	9
T134240	1/2 pair of studded triple, 12.00 x 24	9.5 mm	9.5 mm	10

* - Standard application.

† - Used on deep lug tires common in the forest industry.

Studded Truck Chains: Singles with Cam Tighteners

Studded singles c/w 3 cams on the outside rail only.

PART NO.	DESCRIPTION & TIRE SIZE	SIDE CHAIN	CROSS CHAIN	LINKS
T137320	Pair of studded single w/ cams, 7.50 x 16	8 mm	7 mm	10
T137757	Pair of studded single w/ cams, 9.00 x 16	8 mm	7 mm	12
T137726	Pair of studded single w/ cams, 9.00 x 20	8 mm	7 mm	12
T137728	Pair of studded single w/ cams, 10.00 x 20	8 mm	7 mm	13
T137730	Pair of studded single w/ cams, 10.00 x 22	8 mm	7 mm	13
T137732	Pair of studded single w/ cams, 11.00 x 20	8 mm	7 mm	14
	Part numbers shown below are heavy duty:			
T137828	Pair of studded single w/ cams, 10.00 x 20	8 mm	8 mm	10
T137830	Pair of studded single w/ cams, 10.00 x 22	8 mm	8 mm	11
T137884	Pair of studded single w/ cams, 11.00 x 20	8 mm	8 mm	11
T137834	Pair of studded single w/ cams, 11.00 x 22	8 mm	8 mm	11
T137836	Pair of studded single w/ cams, 11.00 x 24	8 mm	8 mm	11

Studded Truck Chains: Triples with Cam Tighteners

Studded dual triples c/w 3 cams on inside rail and 3 cams on outside rail.

PART NO.	DESCRIPTION & TIRE SIZE	SIDE CHAIN	CROSS CHAIN	LINKS
T138726	1/2 pair of studded triple w/ cams, 9.00 x 20	8 mm	7 mm	12
T138702	1/2 pair of studded triple w/ cams, 10.00 x 20	8 mm	7 mm	13
T138700	1/2 pair of studded triple w/ cams, 10.00 x 22	8 mm	7 mm	13
T138732	1/2 pair of studded triple w/ cams, 11.00 x 20	8 mm	7 mm	14
	Part numbers shown below are heavy duty:			
T138826	1/2 pair of studded triple w/ cams, 9.00 x 20	8 mm	8 mm	9
T138802	1/2 pair of studded triple w/ cams, 10.00 x 20	8 mm	8 mm	10
T138800	1/2 pair of studded triple w/ cams, 10.00 x 22	8 mm	8 mm	11
T138884	1/2 pair of studded triple w/ cams, 11.00 x 20	8 mm	8 mm	11
T138806	1/2 pair of studded triple w/ cams, 11.00 x 22	8 mm	8 mm	11
T138808	1/2 pair of studded triple w/ cams, 11.00 x 24	8 mm	8 mm	11

NORSE STUDDED TRUCK CHAINS:

•Singles are sold and packed 1 pair per sack. •Dual triples are sold and packed in 1/2 pairs per sack. •Cross chains are case hardened. •Side chain and hooks are moderately hardened with a polished finish.

Please see page Q176 for important reference charts regarding tire sizes.

TELLEFSDAL

Steering Chains

Double duty cross chain every second link. 26 rails.

PART NO.	DESCRIPTION & TIRE SIZE	SIDE CHAIN	CROSS CHAIN	LINKS
T135110	1/2 pair of steering chain, 385/65R x 22.5	8 mm	8 mm	14
T135113	1/2 pair of steering chain, 425/65R x 22.5	8 mm	8 mm	16
T135115	1/2 pair of steering chain, 445/65R x 22.5	8 mm	8 mm	18

REPLACEMENT STUDDED CROSSCHAINS WITH HOOKS

Part No. T245610, Studded 6 mm x 10 link c/w 7 mm hook.
Part No. T245710, Studded 7 mm x 10 link.
Part No. T245712, Studded 7 mm x 12 link c/w 9 mm hook.
Part No. T245713, Studded 7 mm x 13 link c/w 9 mm hook.
Part No. T245714, Studded 7 mm x 14 link c/w 9 mm hook.
Part No. T245810, Studded 8 mm x 10 link c/w 10 mm hook.
Part No. T245811, Studded 8 mm x 11 link c/w 10 mm hook.
Part No. T245812, Studded 8 mm x 12 link c/w 10 mm hook.
Part No. T245009, Studded 9.5 mm x 9 link c/w 11 mm hook.
Part No. T245010, Studded 9.5 mm x 10 link c/w 11 mm hook.

Part No. T240814, Studded 8 mm x 14 link c/w 10 mm hook (for steering chain).
Part No. T240816, Studded 8 mm x 16 link c/w 10 mm hook (for steering chain).
Part No. T240818, Studded 8 mm x 18 link c/w 10 mm hook (for steering chain).

"Supertwist" Truck Chains

"Superstwist" is a light weight off road studded chain. 30% lighter than regular truck chain means it's easier to install and remove •Specially hardened alloy steel provides strength and durability equal to the 8 mm studded truck •Side chain and hooks are hardened •2 cams on singles outside rail •Triples have 2 cams on outside and 2 cams inside rails •7 mm side chain, 8 mm hooks, 7 mm cross chain.

"Supertwist" Truck Chains — Studded Singles with Cam Tighteners

PART NO.	DESCRIPTION & TIRE SIZE	SIDE CHAIN	CROSS CHAIN
T153312	10.00-20; 10.00-22; 11.00-20; 11R-22; 11R-22.5; 11R-24.5; 12-22.5; 285/75-24.5; 295/80-22.5; 315/75-22.5; 315/80-22.5	7 mm	7 mm x 13
T153413	11.00-22; 12.00X20; 12R-24.5; 13R-22.5	7 mm	7 mm x 14
T153514	12.00-24; 12.00-25	7 mm	7 mm x 15

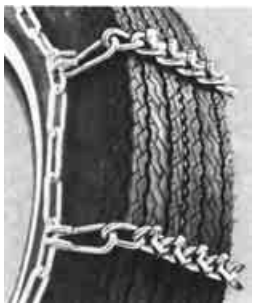
"Supertwist" Truck Chains — Studded Dual Triples with Cam Tighteners

PART NO.	DESCRIPTION & TIRE SIZE	SIDE CHAIN	CROSS CHAIN
T155312	10.00-20; 10.00-22; 11.00-20; 11R-22; 11R-22.5; 11R-24.5; 12-22.5; 285/75-24.5; 295/80-22.5; 315/75-22.5; 315/80-22.5	7 mm	7 mm x 13
T155413	12.00-20; 12R-24.5; 13-22.5	7 mm	7 mm x 14
T155514	12.00-24; 12.00-25	7 mm	7 mm x 15

"Supertwist" Truck Chains — Cross Chain

PART NO.	SIZE	LINKS	HOOKS
T257713	7 mm	13	8 mm
T257714	7 mm	14	8 mm
T257715	7 mm	15	8 mm

TELLEFSDAL



"V" Link Truck Chains: Singles

PART NO.	DESCRIPTION & TIRE SIZE	SIDE CHAIN	CROSS CHAIN	LINKS
T187320	Pair of "V" link single, 7.50 x 16	8 mm	7 mm	9
T187321	Pair of "V" link single, 7.50 x 18	8 mm	7 mm	9
T187322	Pair of "V" link single, 7.50 x 20	8 mm	7 mm	9
T187332	Pair of "V" link single, 8.25 x 20	8 mm	7 mm	11
T187342	Pair of "V" link single, 9.00 x 20	8 mm	7 mm	12
T187343	Pair of "V" link single, 10.00 x 20	8 mm	7 mm	12
T187344	Pair of "V" link single, 10.00 x 22	8 mm	7 mm	12
T187355	Pair of "V" link single, 11.00 x 20	8 mm	7 mm	13
T187356	Pair of "V" link single, 11.00 x 22	8 mm	7 mm	13
T187357	Pair of "V" link single, 11.00 x 24	8 mm	7 mm	13
T187372	Pair of "V" link single, 12.00 x 24	8 mm	7 mm	13
	Part numbers below are heavy duty:			
T188342	Pair of "V" link single, 9.00 x 20	8 mm	8 mm	9
T188343	Pair of "V" link single, 10.00 x 20	8 mm	8 mm	9
T188344	Pair of "V" link single, 10.00 x 22	8 mm	8 mm	9
T188355	Pair of "V" link single, 11.00 x 20	8 mm	8 mm	12
T188356	Pair of "V" link single, 11.00 x 22	8 mm	8 mm	12
T188357	Pair of "V" link single, 11.00 x 24	8 mm	8 mm	12
T188372	Pair of "V" link single, 12.00 x 24	8 mm	8 mm	12

NORSE "V" LINK CHAINS:

•"V" link chains are reinforced with a "V" shaped reinforcement on each link. •"V" link chains will not damage paved roads as much as studded chains.

Please see page Q176 for important reference charts regarding tire sizes.

NORSE CHAINS

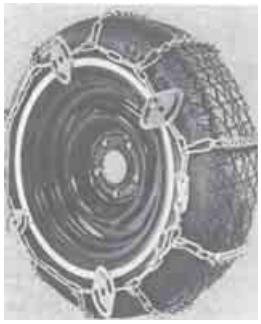
"V" Link Truck Chains: Dual Triples

PART NO.	DESCRIPTION & TIRE SIZE	SIDE CHAIN	CROSS CHAIN	LINKS
T187720	1/2 pair of "V" link triple, 7.50 x 16	8 mm	7 mm	9
T187721	1/2 pair of "V" link triple, 7.50 x 18	8 mm	7 mm	9
T187722	1/2 pair of "V" link triple, 7.50 x 20	8 mm	7 mm	9
T187732	1/2 pair of "V" link triple, 8.25 x 20	8 mm	7 mm	11
T187742	1/2 pair of "V" link triple, 9.00 x 20	8 mm	7 mm	12
T187743	1/2 pair of "V" link triple, 10.00 x 20	8 mm	7 mm	12
T187744	1/2 pair of "V" link triple, 10.00 x 22	8 mm	7 mm	12
T187755	1/2 pair of "V" link triple, 11.00 x 20	8 mm	7 mm	13
T187756	1/2 pair of "V" link triple, 11.00 x 22	8 mm	7 mm	13
T187757	1/2 pair of "V" link triple, 11.00 x 24	8 mm	7 mm	13
T187772	1/2 pair of "V" link triple, 12.00 x 24	8 mm	7 mm	13
	Part numbers below are heavy duty:			
T188742	1/2 pair of "V" link triple, 9.00 x 20	8 mm	8 mm	9
T188743	1/2 pair of "V" link triple, 10.00 x 20	8 mm	8 mm	9
T188744	1/2 pair of "V" link triple, 10.00 x 22	8 mm	8 mm	9
T188755	1/2 pair of "V" link triple, 11.00 x 20	8 mm	8 mm	12
T188756	1/2 pair of "V" link triple, 11.00 x 22	8 mm	8 mm	12
T188757	1/2 pair of "V" link triple, 11.00 x 24	8 mm	8 mm	12
T188772	1/2 pair of "V" link triple, 12.00 x 24	8 mm	8 mm	12

NORSE "V" LINK CHAINS:

•"V" link chains are reinforced with a "V" shaped reinforcement on each link. •"V" link chains will not damage paved roads as much as studded chains.

Please see page Q176 for important reference charts regarding tire sizes.



"V" Link Truck Chains: Singles with Cam Tighteners

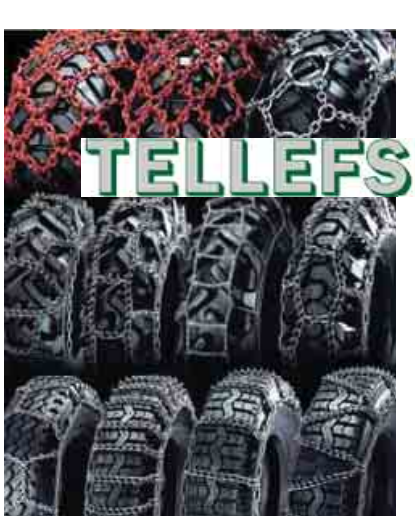
Singles c/w 3 cams on outside rail only.

PART NO.	DESCRIPTION & TIRE SIZE	SIDE CHAIN	CROSS CHAIN	LINKS
T197320	Pair of "V" link single w/ cams, 7.50 x 16	8 mm	7 mm	9
T197321	Pair of "V" link single w/ cams, 7.50 x 18	8 mm	7 mm	9
T197343	Pair of "V" link single w/ cams, 10.00 x 20	8 mm	7 mm	12
T197344	Pair of "V" link single w/ cams, 10.00 x 22	8 mm	7 mm	12
T197355	Pair of "V" link single w/ cams, 11.00 x 20	8 mm	7 mm	13
	Part numbers below are heavy duty:			
T198343	Pair of "V" link single w/ cams, 10.00 x 20	8 mm	8 mm	9
T198344	Pair of "V" link single w/ cams, 10.00 x 22	8 mm	8 mm	9
T198355	Pair of "V" link single w/ cams, 11.00 x 20	8 mm	8 mm	12
T198356	Pair of "V" link single w/ cams, 11.00 x 22	8 mm	8 mm	12
T198357	Pair of "V" link single w/ cams, 11.00 x 24	8 mm	8 mm	12

"V" Link Truck Chains: Triples with Cam Tighteners

Triples c/w 3 cams on outside rail and 3 cams on inside rail.

PART NO.	DESCRIPTION & TIRE SIZE	SIDE CHAIN	CROSS CHAIN	LINKS
T197743	1/2 pair of "V" link triple w/ cams, 10.00 x 20	8 mm	7 mm	12
T197744	1/2 pair of "V" link triple w/ cams, 10.00 x 22	8 mm	7 mm	12
T197755	1/2 pair of "V" link triple w/ cams, 11.00 x 20	8 mm	7 mm	13
	Part numbers below are heavy duty:			
T198742	1/2 pair of "V" link triple w/ cams, 9.00 x 20	8 mm	8 mm	8
T198743	1/2 pair of "V" link triple w/ cams, 10.00 x 20	8 mm	8 mm	9
T198744	1/2 pair of "V" link triple w/ cams, 10.00 x 22	8 mm	8 mm	9
T198755	1/2 pair of "V" link triple w/ cams, 11.00 x 20	8 mm	8 mm	12
T198756	1/2 pair of "V" link triple w/ cams, 11.00 x 22	8 mm	8 mm	12
T198757	1/2 pair of "V" link triple w/ cams, 11.00 x 24	8 mm	8 mm	12



REPLACEMENT "V" LINK CROSS CHAINS WITH HOOKS

Part No. T245328, "V" link 7 mm x 9 link c/w 9 mm hooks.
Part No. T245330, "V" link 7 mm x 11 link c/w 9 mm hooks.
Part No. T245332, "V" link 7 mm x 12 link c/w 9 mm hooks.
Part No. T245374, "V" link 7 mm x 13 link c/w 9 mm hooks.
Part No. T245340, "V" link 8 mm x 9 link c/w 10 mm hooks.
Part No. T245384, "V" link 8 mm x 12 link c/w 10 mm hooks.

CROSS CHAIN HOOKS

These cross chain hooks are draw hardened and have a bead blasted finish.
Part No. T25305501, 5.5 mm cross chain hooks.
Part No. T25306001, 6.0 mm cross chain hooks.
Part No. T25307001, 7.0 mm cross chain hooks.
Part No. T25308001, 8.0 mm cross chain hooks.
Part No. T25309001, 9.0 mm cross chain hooks.
Part No. T25309101, 9.0 mm cross chain hooks (Short).
Part No. T25310001, 10.0 mm cross chain hooks.
Part No. T25311001, 11.0 mm cross chain hooks.
Part No. T25313001, 13.0 mm cross chain hooks.

Reference Charts

WIRE DIAMETER CROSS REFERENCE CHART			
Trade Size	Gauge (inches)	Fractional (inches)	Metric (mm)
1/0	.177	11/64	4.50
2/0	.192	3/16	4.80
3/0	.207	13/64	5.20
4/0	.218	7/32	5.54
5/0	.250	1/4	6.35
6/0	.281	9/32	7.00
7/0	.312	5/16	8.00
8/0	.344	11/32	9.00
9/0	.375	3/8	9.50
10/0	.406	13/32	10.30
11/0	.437	7/16	11.10
13/0	.500	1/2	12.70
14/0	.531	17/32	13.50

The tire sizes shown on Norse Chain "V" Link and Studded Chain (pages Q173 - Q175) are bias ply sizes. These sizes will also fit other bias ply and radial tire sizes shown in the chart below.

Tire Size Shown	Will Also Fit...
7.50 x 16	7.00-15; 7.00-15/16; 7.00-17/18; 7-17.5; 7.00-20; 7-22.5; 7.50X15; 7.50-16; 7.50-16/17; 7.50-17; 7.90-18; 8-17.5; 8-19.5; 8.25-15; 8.25-16; 9.00-15; 9.50-16.5; 10-16.5; 30X9.50-15; 31X10.5-15; 31X11.5-15; 32X11.5-15; 33X9.5-15; 33X10.5-15; L78-16; LT215/85-16; LT225/70-19.5; LT225/75-16; LT235/85-16; LT245/75-16; LT245/85-16; LT245/85-16; LT255/70-16; LT255/75-17; LT255/85-16; LT265/70-17; LT265/75-16; LT275/60-17; LT275/70-16; LT275/75-16; LT285/75-15; LT285/75-16; LT285/85-16
7.50 x 18	7.00-17/18; 7.00-18; 7.00-20; 750-17; 750-18; 7.90-18; 8-17.5; 8-19.5; 8.25-15TR; 8.25-16LT; 9.00-15; 10.00-16.5; 31X10.5-15LT; 31X11.5-15LT; 32X11.5-15LT; 235/85-16; LT245/85-16; LT255/85-16; LT265/75-16; LT275/75-16; LT285/85-16
7.50 x 20	8-22.5; 10-17.5; LT245/70-19.5; LT245/80-16; LT255/85-16; LT265/70-18; LT265/70-19.5; LT275/70-18
8.25 x 20	8.25-17; 9.00-16; 9R-20.5; 9R-22.5; 10.5-18; 31X10.5-16LT; 31X11.5-16.5LT; 33X12.5-16.5LT; 235/80-22.5; 245/75-22.5; 255/70-22.5; 255/80-22.5; 265/70-19.5
9.00 x 16	8.25-17; 8.25-20; 10-19.5; 31X10.5-16.5; 31X11.5-16.5; 33X12.5-16.5; LT255/70-22.5
9.00 x 20	10R-22.5; 37X12.5-16.5; 255/70-19.5; 265/70-22.5; 275/70-19.5
10.00 x 20	11R-22.5; 275/80R-22.5; 285/75R-22.5; 285/75R-24.5; 295/75R-22.5
10.00 x 22	9.00-24.5; 10R-22; 11R-24.5; 275/80-24.5; 285/75-24.5; 295/75-24.5; 315/80-22.5
11.00 x 20	11R-20; 12-22.5; 12R-24.5; 12.75R-22.5; 295/80-22.5
11.00 x 22	11R-22; 12.00-20; 12R-24.5; 12.75R-22.5; 13/80R-20; 14.80R-20; 315/80R-22.5
11.00 x 24	11R-24; 11R-24.5 (deep lug tire); 385/65-22.5
12.00 x 24	12R-24; 12.00-25; 12R-35

"SQ" Square Link Truck Chains: Singles w/ Cam Tighteners

With 3 cams on outside rail. Packed 1 pair per bag. 7 mm alloy cross.

PART NO.	TIRE SIZE	CROSS CHAIN
T141912	8.25R-20; 9.00-16LT; 9R-22.5; 10R-15LT; 225/70-22.5; 235/80R-22.5; 245/75R-22.5; 255/70R-22.5; LT285/70-19.5; 305/70R-19.5	7 mm x 9
T141913	9.00R-20; 10R-22.5; 255/80R-22.5; 265/75R-22.5; 275/80R-22.5	7 mm x 9
T141113	10.00-20; 11R-22.5; 275/80R-22.5; 275/80R-24.5; 285/75R-22.5; 285/75R-24.5; 295/75R-22.5; 295/80R-22.5	7 mm x 11
T141114	10.00-22; 11.00-20; 11R-24.5; 12R-22.5; 13/80R20; 285/75R-24.5; 285/80R-24.5; 295/80R-22.5; 315/80R-22.5	7 mm x 11
T141115	11.00-22; 12.00-20; 12R-22.5; 12R-24.5	7 mm x 11

"SQ" Square Link Truck Chains: Dual Triples w/ Cam Tighteners

With 3 cams on inside and outside rail. Packed 1/2 pair per bag. 7 mm alloy cross.

PART NO.	TIRE SIZE	CROSS CHAIN
T141926	9.00-20; 10-22.5; 255/80R-22.5; 265/75R-22.5; 275/80R-22.5	7 mm x 9
T141126	10.00-20; 11R-22.5; 275/80R-22.5; 275/80R-24.5; 285/75R-22.5; 285/75R-24.5; 295/75R-22.5	7 mm x 11
T141128	10.00-20; 10.00-22; 11R-24.5; 285/75R-24.5; 285/80R-24.5	7 mm x 11

Replacement "SQ" Square Link Cross Chains with Hooks

Part No. T247709, "SQ" link 7 mm x 9 link c/w 9 mm hooks.
Part No. T247711, "SQ" link 7 mm x 11 link c/w 9 mm hooks.

TELLEFSDAL

Nortrac Truck Chains: Singles c/w Rebars and Cams

5 mm square wire, high quality alloy steel with grip elements (barstuds) on every second link. Excellent side stability, braking and traction on icy/snow highway conditions. Singles packed 1 pair per bag.

PART NO.	TIRE SIZE	GROUP
T125510	8.75-16.5; 215/85-16; 225/75-16; 245/70-17.5; 245/75-16	510
T125513	10.00-15; 31x10.5-15; 255/75-15	513
T125515	225/75-17.5; 25/75-17.5; 235/85-16	515
T125521	9.5-17.5; 245/70-19.5; 265/70-19.5	521
T125522	9.00-16; 10-17.5; 11-17.5; 225/70-22.5; 280/85-16; 285/70-19.5	522
T125523	295/60-22.5; 305/70-19.5	523
T125525	10-22.5; 275/70-22.5	525
T125528	10-20; 11-22.5; 285/70-22.5; 295/70-22.5; 305/70-22.5; 315/70-22.5	528
T125529	11R-22.5; 295/80-22.5	529
T125530	10-22; 11.00-20; 11R-24.5; 12-22.5; 275/80-24.5; 285/75-24.5; 315/80-22.5	530
T125531	385/65-19.5	531
T125532	13-22.5	532
T125540	385/65-22.5	540

Nortrac Truck Chains: Dual Triples

5 mm square wire, high quality alloy steel with grip elements (barstuds) on every second link. Excellent side stability, braking and traction on icy/snow highway conditions. Packed 1/2 pair per bag.

PART NO.	TIRE SIZE	GROUP
T124528	10.00-20; 11-22.5; 270/80R-24.5; 275/80-22.5; 305/70-22.5	528T
T124530	10.00-22; 11.00-20; 11R-24.5; 12R-22.5; 275/80R-24.5; 275/75R-24.5; 285/75R-24.5; 295/75R-22.5	530T
T124529	11R-22.5; 295/80R-22.5	529T

REPLACEMENT SECTIONS FOR NORTRAC TRUCK CHAINS

Part No. T126515, For group 510; 15 links.
Part No. T126517, For group 513/515; 17 links.
Part No. T126519, For group 521/525; 19 links.
Part No. T126521, For group 522/529; 21 links.
Part No. T126523, For group 523/530; 23 links.
Part No. T126525, For group 540; 25 links.

Heavy Equipment Chains — Double Diamond Special Net Chains

•Constant traction, tire protection, and smooth ride are the characteristics of the Double Diamond double studded net chain •The large round studs continuously penetrate the terrain to provide the needed stability in the harshest conditions •The entire chain is alloy steel throughout, fully cased hardened and annealed after assembly •SOLD IN PAIRS

PART NO.	TIRE SIZE	SIZE	WEIGHT
T174609	23.1 x 26	16 mm (5/8")	862 lbs.
T174618	24.5 x 32	16 mm (5/8")	1005 lbs.
T174640	30.5 x 32	16 mm (5/8")	1047 lbs.
T174940	30.5 x 32	19 mm (3/4")	1390 lbs.

Heavy Equipment Chains — Floating Ring Dozer Chains

•Self cleaning action and stationary manoeuvrability are the advantageous characteristics of the floating ring •Oversize components in the critical stress areas ensures long life •The entire chain assembly is alloy steel, fully case hardened and annealed after assembly •SOLD IN PAIRS

PART NO.	TIRE SIZE	SIZE	WEIGHT
T176638	23.1 x 26	16 mm (5/8")	737 lbs.
T176660	24.5 x 32	16 mm (5/8")	858 lbs.
T176670	30.5 x 32	16 mm (5/8")	878 lbs.
T176970	30.5 x 32	19 mm (3/4")	1229 lbs.

Heavy Equipment Chains — Multi-Grip Chains

•Loaders, graders and farm tractors working in tough conditions are the intended users of the Multi-Grip design •Sections are case hardened individually before assembly •11 mm chains have 13 mm studs and 13 mm chains have 14 mm studs •SOLD IN PAIRS

PART NO.	TIRE SIZE	SIZE	WEIGHT
T179135	14 x 24/25	11 mm (7/16")	308 lbs.
T179138	16 x 24	11 mm (7/16")	365 lbs.
T179338	16 x 24	13 mm (1/2")	440 lbs.
T179301	18 x 25	13 mm (1/2")	462 lbs.
T179112	17.5 x 25	11 mm (7/16")	299 lbs.
T179314	20.5 x 25	13 mm (1/2")	469 lbs.

TELLEFSDAL

NORSE OUTBACK

NRS/2943

ATV Studded Chains

Both #T168610 and T168615 may fit the sizes marked "*" depending on the brand and design of ribs. In general, the T168615 is the largest and longest chain, so on brand new tires Norse recommends the T168615 be used for these sizes. Studs on every second link provide best ground penetration. Diamond pattern provides excellent tight fit to new or used tires. 6 mm cross chain.

PART NO.	TIRE SIZE
T168605	22 x 8 x 10; 22 x 10 x 10; 22 x 11 x 8; 23 x 8 x 12; 23 x 10 x 10; 23 x 10 x 12; 24 x 9 x 11; 24 x 9 x 12; 25 x 8 x 12
T168610	24 x 9 x 11; 24 x 10 x 11; 24 x 11 x 10; 24 x 11.5 x 10; 25 x 8 x 12; 25 x 10 x 10; 25 x 10 x 12; 25 x 11 x 10*; 26 x 10.5 x 12*
T168615	25 x 11 x 10*; 25 x 12 x 9; 25 x 13.5 x 9; 25 x 12 x 10; 26 x 10.5 x 12*; 26 x 12 x 12; 27 x 8 x 12; 27 x 12 x 12

SECURITY CHAIN CO.

SEC/3512

Tire Traction Products

Whether the job is clearing snow-clogged city streets or patrolling icy mountain roads, there's no substitute for the safety and control of effective winter traction products. Security Chain Co. offers a variety of products to meet your winter traction challenges.

SHUR GRIP Z BY SCC

The most popular choice for passenger cars. Rubber tensioners insure easy installation and eliminate the need to stop and re-tighten. ABS compatible. Lightweight and smooth ride. Greatly improves overall vehicle handling at a reasonable price. Great for vehicles with limited clearance.

Cable Chain

SUPER Z LT.

Offers the same durability and dependability as the other Z products, but is intended for heavier duty applications. Features more aggressive cross members than Shur Grip Z. One of the few light truck products on the market that meets S.A.E. Class "S" specifications.

Cable Chain

Super Z6

Super Z6 was designed for cars, pick-ups, and SUVs with restricted clearance around the drive tires. Super Z6 requires only 6.33 mm (.25") of sidewall clearance to operate. Diagonal crossmember pattern provides outstanding traction and durability. A split outside cable with two fastening positions allows for easy installation without moving the vehicle, and there's no need to stop and retighten. Compatible with all electronically monitored brake systems and traction control.

NEW!!

Traction coils are manufactured from alloy steel. Requires less space than SAE Class "S" clearance requirements.

Super Z8

Super Z8 was designed for SUVs, and light/medium duty trucks with restricted clearance around the drive tires. Recommended for vehicles under 20,000 lbs. loaded weight (GVW). Super Z8 requires only 8.2 mm (.32") of sidewall clearance to operate. Diagonal crossmember pattern provides outstanding traction and durability. A split outside cable with two fastening positions allows for easy installation without moving the vehicle, and there's no need to stop and retighten. Compatible with all electronically monitored brake systems and traction control. Traction coils are manufactured from alloy steel. Requires less space than SAE Class "S" clearance requirements.

NEW!!

The Benefits of "Z" Cable Chains — Shur Grip, Super ZLT, etc.

•"Z" style maintains constant contact with road surface •Greater durability •Superior starting, stopping and cornering performance •Easier installation and removal •Lower operating space requirements around drive tires •Lower potential for vehicle damage •Compatibility with electronic "Traction Management Systems" (anti-lock brakes, all-wheel-drive, etc.)

PLEASE NOTE: Tools and accessories are also available in this line.

ALLOY RADIAL CHAIN BY SCC

Radial Chain was the first brand name cable in winter traction products. Spring rollers covering the cross members eliminate the problem of flattened rollers while adding more bite to snow and ice covered roads. Lightweight, simple construction offers a smooth, quiet ride.

Ladder Style Cable Chain with Manganese Alloy Steel Spring Cross Members

QUIK GRIP

Traditional steel link chain. Quick Grip is available in passenger sizes as well as light truck and heavy duty truck applications. Available in either bar reinforced or non-reinforced styles. Cam locking tighteners are also an option on light truck and truck sizes.

Type Twin Grip

For farm tractor and industrial tires type R1, R2, R3, R4. Adjacent cross chains interconnected to prevent cross chains from dropping into the grooves of the tractor tread.

Clearance Definitions

SAE CLASS "S"
Cable chains or link chains for vehicles with restricted clearances.

SAE CLASS "U"
Passenger tire chains that use light truck components, as well as some light truck chains.

SAE CLASS "W"
Regular tire chains for vehicles with non-restricted wheel well clearances.

SECURITY CHAIN CO.
Tire Traction Products

QUESTIONS & ANSWERS
"The proof is in the tracks..."

Snow tracks are the simplest way to demonstrate a product's traction ability. As you can see from the diagram below, ladder-style cable or link chains offer the least amount of traction. These types of products have the biggest gaps in tire coverage and they are the least effective with ABS systems. (When using a ladder-style product, the vehicle is constantly trying to manage a traction/no traction pattern instead of the continuous traction other devices can provide.) Ladder-style traction products also create the most noise during use. Again, this is because the cross members are not continuous, so every time a cross member makes contact with the road surface there is a "thumping" sound.
The second set of tracks illustrates a continuous diagonal cross member pattern like SCC's "Z" chain family. This pattern has proven to be one of the most effective traction patterns under most winter driving conditions. The continuous pattern ensures there is always a cross member in contact with the road surface and the tread face of the tire at the same time. The diagonal design affords a smooth transition from cross member to cross member and sends true signals to the monitors of the Traction Control and/or ABS systems. Traction Control and/or ABS systems don't have to compensate for a gap or loss in traction as with other styles of traction products. Additionally, there is no cross member "thump", the noise that's normally associated with use of a winter traction product.

SCC WINTER TRACTION PRODUCTS AND THEIR CROSS MEMBER TRACK COMPARISONS

LADDER STYLE PATTERN
Alloy Radial Cable Chain; Quik Grip Chain; SC Cable Chain

DIAGONAL PATTERN
Shur Grip Z; Super Z; Super ZLT

WINTER TRACTION PRODUCTS AND WINTER WEATHER DRIVING TIPS

•Always carefully read the owner's manual and the installation instructions before installing any winter traction product. All winter traction products wear out and eventually break with use. They also break due to misfit, misapplication or misuse. If this should happen, stop immediately and repair or remove the broken area to avoid any damage to your vehicle.

•Always set your vehicle's emergency brake before installing any winter traction device under any conditions.

•Always pre-fit your traction products to your vehicle before they are actually needed. While winter traction products are uniform in size, tires are not. They vary in size by manufacturer, age, tread, and type. Snow tires may require a larger traction product than a like-sized highway tire. The same is true for larger, more aggressive tires such as mud terrain and off-road tires.

WHY SHOULD I CHOOSE ONE WINTER TRACTION PRODUCT OVER ANOTHER?
These are the factors to consider when choosing a winter traction product:

CLEARANCE REQUIREMENTS: Nearly all passenger cars, many full size pick-ups and most sport/utility vehicles (SUVs) are currently built to accept only a Class "S" clearance winter traction product. SCC cable traction products for passenger cars do meet Class "S" clearance requirements. Quick Grip "PL" link tire chains also meet Class "S", when installed correctly. When you buy a winter traction product, keep in mind that an SCC cable chain will need less space to operate than any conventional link-style chains.

EASE OF INSTALLATION: Given a choice, most of us would prefer to stay clean and spend as little time as necessary installing a winter traction product. SCC's Z-Chain, Shur Grip, and Super Z products are manufactured with that in mind and are easier and faster to install than conventional products.

DAMAGE POTENTIAL: Paint scratches and other damages are likely if vehicles continue to be driven with a broken winter traction product mounted on the tire. Virtually all cable constructed winter traction devices present much less vehicle damage potential (when broken during use) than any winter traction device made from steel chain "links".

SECURITY CHAIN CO.
PRODUCT TRACTION COMPARISONS

Good

Quik Grip "PL" (Conventional Link Chain): Good for on and off road, steep grades, deep snow, back roads, unplowed side streets, etc.

Radial Chain/SC (Cable Chains): Good for on road use, packed snow, icy highways, side streets, etc.

Better

Shur Grip Z: (Cable Chains): Better for use on road, steep grades, deep snow, packed snow, icy roadways, and is compatible with traction control and/or ABS systems.

Alloy Radial Chain: Better for use on road, steep grades, deep snow, packed snow, icy roadways, and is compatible with traction control.

Best

Z-Chain (Cable Chain): Best for use on-road, steep grades, deep snow, packed snow, icy roadways, and is compatible with Traction Control and/or ABS systems. Outstanding all-around traction performance with unequalled speed and ride capabilities for use on emergency response equipment.

DURABILITY: All winter traction products are destined to break during the course of normal use. No traction device will last forever. Driving speed and/or spinning directly impacts a traction product's useful life. Individual drivers, road conditions and driving distances also have an impact on how long a traction product will last.

TRACTION PERFORMANCE: Increased stopping, starting, and cornering abilities are the least anyone should expect from using a winter traction device. All SCC winter traction products provide a useful increase in traction on snow and ice, compared to all-season radial tires without traction devices.

The following figures represent average life expectancy of various types of SCC product cross members and BARE ROAD at 50 km/h, before breakage. (These are NOT WARRANTIES and ACTUAL MILEAGE MAY DIFFER.) *Impact count refers to the number of times a single cross member will hit the road for the mileage shown.

PRODUCT	AVERAGE MILEAGE	IMPACT COUNT*
Quik Grip "PL" (Conventional Link Chain)	110 km	55,000
Radial Chain/SC (Cable Chain)	220 km	105,000
Shur Grip Z (Cable Chain)	360 km	175,000
Z-Chain (Cable Chain)	600 km	300,000

Passenger Car & Light Truck Tire Applications

Check your owner's manual for information regarding the use of tire chains! These product applications show the best choice for most tires. Due to variations between tire manufacturers, the best choice for your tire may be different. To be sure, traction products should be fitted to the tire before actual use is required. Please refer to your vehicle owner's manual for any traction product limitations. Part Numbers shown in *bold italic pink typeface* will meet or exceed SAE Class "S" clearance requirements. Please also note the chart is listed by TIRE SIZE not Rim Size.

TIRE SIZE	SHUR-GRIP Z	SUPER Z LT	SUPER Z6	SUPER Z8	RADIAL CHAIN	QUIK GRIP STD. LINK	QUIK GRIP V-LINK
6.50-16LT	-	*ZT729*	*SZ429*	-	-	-	-
7.50-16LT	-	*ZT741*	*SZ441*	-	-	QG2221	QG2821
8.75-16.5LT	-	*ZT729*	*SZ429*	-	-	QG2219	QG2819
9.50-16.5LT	-	*ZT735*	*SZ435*	-	-	QG2221	QG2821
30x9.50-15LT	-	*ZT729*	*SZ429*	-	-	-	-
30x10.50-15LT	-	*ZT735*	*SZ435*	-	-	-	-
31x10.50-15LT	-	*ZT741*	*SZ441*	-	-	-	-
31x11.50-15LT	-	*ZT747*	*SZ447*	-	-	-	-
31x13.50-15LT	-	*ZT747*	*SZ447*	-	-	-	-
31x15.50-15LT	-	-	*SZ451*	-	-	-	-
32x9.50-15LT	-	*ZT741*	*SZ441*	-	-	-	-
32x10.50-17	-	*ZT747*	*SZ447*	-	-	QG2228	QG2828
32x11.50-15LT	-	*ZT747*	*SZ447*	*SZ468*	-	-	-
32x12.50-15LT	-	*ZT747*	*SZ447*	*SZ468*	-	-	-
33x9.50-15LT	-	-	*SZ447*	*SZ462*	-	-	-
33x10.50-15LT	-	*ZT741*	*SZ447*	-	-	-	-
33x12.50-15LT	-	-	-	*SZ474*	-	-	-
33x12.50-16	-	-	-	*SZ474*	-	-	-
33x12.50-17	-	-	-	*SZ474*	-	-	-
35x12.50-15LT	-	-	-	*SZ486*	-	QG2226	-
35x12.50-16	-	-	-	*SZ486*	-	QG2226	-
35x12.50-17	-	-	-	*SZ486*	-	QG2226	-
35x12.50-18	-	-	-	*SZ486*	-	QG2226	-
35x12.50-20	-	-	-	*SZ486*	-	QG2226	-
35x13.50-15LT	-	-	-	*SZ492*	-	QG2226	-
36x12.50-15LT	-	-	-	*SZ492*	-	QG2226	-
36x14.50-15LT	-	-	-	*SZ480*	-	-	-
36X15.50-15LT	-	-	-	*SZ480*	-	-	-
37x12.50-16.5LT	-	-	-	*SZ492*	-	-	-
37x12.50-17	-	-	-	*SZ492*	-	-	-
145/65-15	*SZ315*	-	-	-	*SC1014*	*QG1114*	-
145/80-13	*SZ311*	-	-	-	*SC1014*	*QG1114*	-
155/80-13	*SZ315*	-	-	-	*SC1014*	*QG1114*	-
165/65-14	*SZ315*	-	-	-	*SC1014*	*QG1114*	-
175/55-14	*SZ311*	-	-	-	*SC1014*	*QG1114*	-
175/65-13	*SZ315*	-	-	-	*SC1014*	*QG1114*	-
175/65-14	*SZ315*	-	-	-	*SC1018*	*QG1118*	-
175/65-15	*SZ319*	-	*SZ123*	-	*SC1026*	*QG1126*	-
175/70-13	*SZ315*	-	-	-	*SC1018*	*QG1118*	-
175/70-14	*SZ319*	-	*SZ119*	-	*SC1018*	*QG1126*	-
185/50-14	*SZ311*	-	-	-	*SC1014*	*QG1114*	-
185/55-14	*SZ315*	-	-	-	*SC1018*	*QG1118*	-
185/55-15	*SZ319*	-	*SZ119*	-	*SC1018*	*QG1122*	-
185/60-14	*SZ319*	-	*SZ119*	-	*SC1018*	*QG1122*	-
185/60-15	*SZ323*	-	*SZ123*	-	*SC1026*	*QG1126*	-
185/65-13	*SZ315*	-	-	-	*SC1018*	*QG1118*	-
185/65-14	*SZ319*	-	*SZ119*	-	*SC1026*	*QG1126*	-
185/65-15	*SZ323*	-	*SZ123*	-	*SC1026*	*QG1126*	-
185/70-14	*SZ323*	-	*SZ123*	-	*SC1026*	*QG1122*	-
185/75-15	*SZ331*	-	*SZ131*	-	*SC1030*	*QG1130*	-
195/45-15	-	-	-	-	*SC1018*	-	-
195/50-14	*SZ315*	-	-	-	*SC1018*	*QG1118*	-
195/50-16	*SZ323*	-	*SZ123*	-	*SC1026*	*QG1122*	-
195/55-14	*SZ319*	-	*SZ119*	-	*SC1018*	*QG1122*	-
195/55-15	*SZ323*	-	*SZ123*	-	*SC1026*	*QG1122*	-
195/55-16	*SZ323*	-	*SZ123*	-	*SC1030*	*QG1130*	-
195/60-14	*SZ319*	-	*SZ119*	-	*SC1026*	*QG1126*	-
195/60-15	*SZ327*	-	*SZ127*	-	*SC1030*	*QG1130*	-
195/65-15	-	-	*SZ129*	-	*SC1030*	*QG1130*	-
195/65-16	-	-	*SZ129*	-	*SC1030*	*QG1130*	-
195/70-14	*SZ327*	-	*SZ127*	-	*SC1030*	*QG1130*	-
195/70-15	-	-	*SZ129*	-	*SC1030*	*QG1134*	-
195/70-15C	*SZ331*	-	*SZ131*	-	*SC1034*	QG2219	QG2819
LT195/75-14	-	-	*SZ129*	-	*SC1034*	*QG1134*	-
195/75-15	*SZ331*	-	*SZ131*	-	*SC1034*	*QG1134*	-
LT195/75-15	*SZ335*	-	*SZ135*	-	*SC1034*	*QG1134*	-
195/80-16	*SZ339*	-	*SZ139*	-	*SC1038*	*QG1142*	-
205/40-17	-	-	*SZ123*	-	*SC1026*	-	-
205/45-15	-	-	*SZ119*	-	*SC1018*	*QG1126*	-
205/45-16	-	-	*SZ123*	-	*SC1026*	-	-
205/45-17	-	-	*SZ127*	-	*SC1030*	-	-
205/50-16	*SZ327*	-	*SZ127*	-	*SC1030*	*QG1130*	-
205/50-17	*SZ327*	-	*SZ127*	-	*SC1030*	*QG1130*	-
205/55-15	*SZ327*	-	*SZ127*	-	*SC1026*	*QG1126*	-
205/55-16	*SZ331*	-	*SZ131*	-	*SC1030*	*QG1134*	-
205/55-17	-	-	*SZ129*	-	*SC1034*	*QG1134*	-
205/60-15	*SZ327*	-	*SZ127*	-	*SC1030*	*QG1134*	-

SECURITY CHAIN CO.

Passenger Car & Light Truck Tire Applications (cont'd)

TIRE SIZE	SHUR-GRIP Z	SUPER Z LT	SUPER Z6	SUPER Z8	RADIAL CHAIN	QUIK GRIP STD. LINK	QUIK GRIP V-LINK
205/60-16	-	-	SZ129	-	SC1030	QG1134	-
205/65-15	-	-	SZ129	-	SC1030	QG1134	-
205/65-16	SZ335	-	SZ135	-	SC1034	QG1138	-
205/70-15	SZ335	-	SZ135	-	SC1034	QG1134	-
205/75-14	SZ331	-	SZ131	-	SC1034	QG1134	-
205/75-15	SZ335	-	SZ135	-	SC1034	QG1138	-
215/40-17	-	-	SZ131	-	SC1030	-	-
215/45-15	-	-	SZ123	-	SC1026	-	-
215/45-16	-	-	SZ123	-	SC1026	-	-
215/45-17	-	-	SZ133	-	SC1030	-	-
215/45-18	-	-	SZ129	-	-	-	-
215/50-16	SZ323	-	SZ123	-	SC1030	QG1126	-
215/50-17	SZ331	-	SZ133	-	SC1030	QG1134	-
215/55-14	SZ323	-	SZ123	-	SC1026	QG1126	-
215/55-15	SZ327	-	SZ133	-	SC1030	QG1130	-
215/55-16	SZ331	-	SZ131	-	SC1030	QG1134	-
215/55-17	SZ335	-	SZ135	-	SC1034	QG1134	-
215/60-15	SZ331	-	SZ133	-	SC1034	QG1134	-
215/60-16	SZ335	-	SZ135	-	SC1034	QG1134	-
215/60-17	SZ339	-	SZ139	-	SC1038	QG1138	-
215/65-15	SZ335	-	SZ135	-	SC1034	QG1138	-
215/65-16	SZ335	-	SZ135	-	SC1038	QG1138	-
215/65-17	SZ339	-	SZ139	-	SC1042	QG1142	-
215/70-15	SZ335	-	SZ135	-	SC1038	QG1138	-
215/70-16	SZ339	-	SZ139	-	SC1038	QG1138	-
215/75-15	SZ339	-	SZ139	-	SC1038	QG1138	-
LT215/75-15	SZ335	-	SZ135	-	SC1038	QG2216	QG2816
215/75-16	SZ343	-	SZ143	-	SC1042	QG2219	QG2819
215/80-15	SZ343	-	SZ143	-	SC1038	QG1142	-
215/80-16	SZ343	ZT729	SZ429	-	-	QG2219	QG2819
215/80-17	-	ZT735	SZ435	-	-	QG2221	QG2821
LT215/85-16	-	ZT729	SZ429	-	-	QG2219	QG2819
225/35-19	-	-	SZ123	-	SC1026	-	-
225/40-18	-	-	SZ133	-	SC1034	-	-
225/40-19	-	-	SZ139	-	SC1034	-	-
225/45-16	-	-	SZ123	-	SC1030	-	-
225/45-17	-	-	SZ133	-	SC1034	-	-
225/45-18	-	-	SZ137	-	SC1034	-	-
225/45-19	-	-	SZ139	-	SC1038	-	-
225/50-14	SZ323	-	SZ123	-	SC1026	QG1126	-
225/50-16	SZ331	-	SZ131	-	SC1034	QG1134	-
225/50-17	SZ331	-	SZ137	-	SC1034	QG1134	-
225/50-18	SZ335	-	SZ135	-	SC1034	QG1138	-
225/55-15	-	-	SZ133	-	SC1034	-	-
225/55-16	SZ335	-	SZ137	-	SC1034	QG1134	-
225/55-17	SZ339	-	SZ139	-	SC1038	QG1138	-
225/55-18	SZ339	-	SZ139	-	SC1042	QG1142	-
225/60-15	SZ335	-	SZ133	-	SC1034	QG1134	-
225/60-16	SZ339	-	SZ139	-	SC1038	QG1138	-
225/60-17	SZ339	-	SZ139	-	SC1038	QG1138	-
225/60-18	SZ335	-	SZ135	-	SC1042	QG1142	-
225/65-15	SZ339	-	SZ139	-	SC1038	QG1138	-
225/65-16	SZ339	-	SZ139	-	SC1038	QG1138	-
225/65-17	SZ335	-	SZ135	-	SC1038	QG1142	-
225/65-18	-	ZT735	SZ435	-	-	QG2221	QG2821
225/70-14	SZ335	-	SZ135	-	SC1034	QG1138	-
225/70-15	SZ339	-	SZ139	-	SC1038	QG1138	-
225/70-15C	SZ343	-	SZ143	-	-	-	-
225/70-16	SZ343	-	SZ143	-	SC1042	QG1142	-
225/70-17	-	ZT729	SZ429	-	-	QG2219	QG2819
225/75-14	SZ339	-	SZ139	-	SC1038	QG1138	-
225/75-15	SZ339	-	SZ139	-	SC1042	QG1142	-
225/75-16	-	ZT729	SZ429	-	-	QG2229	QG2829
LT225/75-16	-	ZT729	SZ429	-	-	QG2229	QG2829
225/75-20	-	ZT747	SZ447	-	-	QG2228	QG2828
235/40-18	-	-	SZ137	-	SC1034	-	-
235/40-19	-	-	SZ135	-	SC1038	-	-
235/45-17	-	-	SZ137	-	SC1034	-	-
235/45-18	-	-	SZ139	-	SC1038	-	-
235/45-19	-	-	SZ143	-	SC1042	-	-
235/50-16	SZ335	-	SZ137	-	SC1034	QG1134	-
235/50-17	SZ335	-	SZ135	-	SC1038	QG1138	-
235/50-18	SZ339	-	SZ139	-	SC1038	QG1138	-
235/55-16	SZ339	-	SZ139	-	SC1038	QG1138	-
235/55-17	SZ339	-	SZ139	-	SC1038	QG1138	-
235/55-18	SZ335	-	SZ135	-	SC1042	QG1142	-
235/55-19	-	ZT729	SZ429	-	-	QG2219	QG2819
235/60-16	SZ339	-	SZ139	-	SC1038	QG1138	-
235/60-17	SZ335	-	SZ135	-	SC1038	QG1138	-

Passenger Car & Light Truck Tire Applications (cont'd)

TIRE SIZE	SHUR-GRIP Z	SUPER Z LT	SUPER Z6	SUPER Z8	RADIAL CHAIN	QUIK GRIP STD. LINK	QUIK GRIP V-LINK
235/60-18	-	ZT729	SZ429	-	-	QG2229	QG2829
235/65-15	SZ339	-	SZ139	-	SC1038	QG1138	-
235/65-16	SZ343	-	SZ143	-	SC1038	QG1142	-
235/65-17	-	ZT729	SZ429	-	-	-	-
235/65-18	-	ZT735	SZ435	-	-	QG2229	QG2829
235/70-15	SZ343	-	SZ143	-	SC1042	QG1142	-
235/70-16	-	ZT729	SZ429	-	-	QG2229	QG2829
235/70-17	-	ZT735	SZ435	-	-	QG2221	QG2821
235/710-460A	-	-	-	-	SC1042	-	-
235/75-15	-	ZT729	SZ429	-	-	QG2229	QG2829
LT235/75-15	-	ZT729	SZ429	-	-	QG2229	QG2829
235/75-16	-	ZT735	SZ435	-	-	QG2221	QG2821
LT235/75-16	-	ZT735	SZ435	-	-	QG2221	QG2821
235/75-17	-	ZT735	SZ435	-	-	QG2221	QG2821
235/80-17	-	-	SZ451	-	-	QG2228	QG2828
LT235/80-17	-	-	SZ451	-	-	QG2228	QG2828
LT235/85-16	-	ZT741	SZ441	-	-	QG2221	QG2821
235/85-17	-	ZT741	SZ441	-	-	QG2221	QG2821
245/35-18	-	-	SZ131	-	SC1034	-	-
245/40-17	-	-	SZ131	-	SC1034	QG1134	-
245/40-18	-	-	SZ139	-	SC1034	-	-
245/40-19	-	-	SZ139	-	SC1038	QG1138	-
245/40-20	-	-	SZ143	-	SC1042	-	-
245/45-17	-	-	SZ137	-	SC1034	-	-
245/45-18	-	-	-	-	SC1038	-	-
245/45-19	-	-	SZ143	-	SC1042	-	-
245/45-20	-	-	SZ429	-	-	QG2219	QG2819
245/50-14	SZ327	-	SZ127	-	SC1034	QG1130	-
245/50-15	SZ331	-	SZ131	-	SC1034	QG1134	-
245/50-16	SZ339	-	SZ139	-	SC1038	QG1138	-
245/50-17	SZ339	-	SZ139	-	SC1038	QG1138	-
245/50-18	-	-	SZ143	-	SC1038	-	-
245/50-19	-	ZT729	SZ429	-	-	QG2229	QG2829
245/55-16	-	-	-	-	SC1034	QG1138	-
245/55-17	-	-	SZ139	-	-	-	-
245/55-18	-	ZT729	SZ429	-	-	QG2229	QG2829
245/60-15	SZ339	-	SZ139	-	SC1038	QG1142	-
245/60-16	SZ343	-	SZ143	-	SC1042	QG1142	-
245/60-17	-	ZT729	SZ429	-	-	QG2229	QG2829
245/60-18	-	ZT729	SZ429	-	-	QG2229	QG2829
245/65-15	SZ343	-	SZ143	-	SC1042	QG1142	-
245/65-16	SZ343	ZT729	SZ143	-	SC1042	QG2229	QG2829
245/65-17	-	ZT735	SZ435	-	-	QG2229	QG2829
245/680-460A	-	-	-	-	SC1042	-	-
245/70-15	SZ343	ZT729	SZ143	-	SC1042	QG2229	QG2829
245/70-16	-	ZT735	SZ435	-	-	QG2221	QG2821
245/70-17	-	ZT735	SZ435	-	-	QG2221	QG2821
245/75-16	-	ZT741	SZ441	-	-	QG2221	QG2821
LT245/75-16	-	ZT741	SZ441	-	-	QG2221	QG2821
245/75-17	-	ZT735	SZ435	-	-	QG2228	QG2828
LT245/75-17	-	ZT741	SZ441	-	-	QG2228	QG2828
LT245/85-16	-	ZT747	SZ447	-	-	QG2228	QG2828
255/35-18	-	-	SZ135	-	SC1034	-	-
255/35-19	-	-	SZ143	-	SC1038	-	-
255/35-20	-	-	SZ143	-	-	-	-
255/40-17	-	-	SZ137	-	SC1038	-	-
255/40-18	-	-	SZ143	-	-	-	-
255/40-19	-	-	SZ143	-	SC1042	-	-
255/45-16	-	-	SZ135	-	SC1034	-	-
255/45-17	-	-	SZ139	-	SC1038	-	-
255/45-18	-	-	SZ143	-	SC1042	-	-
255/45-19	-	-	-	-	SC1042	-	-
255/45-20	-	-	SZ429	-	-	QG2229	QG2829
255/50-16	SZ339	-	SZ139	-	SC1038	QG1138	-
255/50-17	SZ343	-	SZ143	-	SC1042	QG1142	-
255/50-18	SZ343	-	SZ143	-	SC1042	QG1142	-
255/50-19	-	ZT735	SZ435	-	-	-	-
255/50-20	-	ZT735	SZ435	-	-	QG2221	QG2821
255/50-21	-	ZT747	SZ447	-	-	QG2228	QG2828
255/55-16	SZ343	-	SZ143	-	SC1042	QG1142	-
255/55-17	SZ343	-	SZ143	-	SC1042	QG1142	-
255/55-18	-	ZT735	SZ435	-	-	QG2229	QG2829
255/55-19	-	ZT735	SZ435	-	-	QG2221	QG2821
255/60-16	SZ343	-	SZ143	-	SC1038	QG1142	-
255/60-17	-	ZT735	SZ435	-	-	QG2229	QG2829
255/60-18	-	ZT741	SZ441	-	-	QG2221	QG2821
255/65-16	-	ZT735	SZ435	-	-	QG2221	QG2821
255/65-17	-	ZT735	SZ435	-	-	QG2221	QG2821
255/65-19	-	ZT747	SZ447	-	-	QG2228	QG2828

SECURITY CHAIN CO.

Passenger Car & Light Truck Tire Applications (cont'd)

TIRE SIZE	SHUR-GRIP Z	SUPER Z LT	SUPER Z6	SUPER Z8	RADIAL CHAIN	QUIK GRIP STD. LINK	QUIK GRIP V-LINK
255/70-16	-	ZT735	SZ435	-	-	QG2221	QG2821
255/70-17	-	ZT747	SZ447	-	-	QG2221	QG2821
255/70-18	-	ZT747	SZ447	-	-	QG2228	QG2828
LT255/75-16	-	ZT747	SZ447	-	-	QG2221	QG2821
255/75-17	-	ZT747	SZ447	-	-	QG2228	QG2828
265/30-19	-	-	SZ139	-	SC1034	-	-
265/35-18	-	-	SZ139	-	SC1034	-	-
265/35-19	-	-	SZ139	-	-	-	-
265/40-17	-	-	SZ139	-	SC1034	-	-
265/40-18	-	-	SZ139	-	SC1034	-	-
265/50-14	SZ335	-	SZ135	-	-	-	-
265/50-15	SZ339	-	SZ139	-	SC1042	QG2229	QG2829
265/50-16	SZ343	-	SZ143	-	SC1042	-	-
265/50-20	-	ZT747	SZ447	-	-	QG2221	QG2821
265/55-17	-	ZT735	SZ435	-	-	QG2229	QG2829
265/55-18	-	ZT735	SZ435	-	-	-	-
265/60-14	SZ343	-	SZ143	-	SC1042	-	-
265/60-16	SZ343	ZT729	SZ143	-	SC1042	QG2229	QG2829
265/60-17	-	ZT735	SZ435	-	-	QG2229	QG2829
265/60-18	-	ZT735	SZ435	-	-	QG2228	QG2828
265/60-20	-	ZT747	SZ447	-	-	QG2228	QG2828
265/65-15	-	ZT729	SZ429	-	-	QG2229	QG2829
265/65-16	-	ZT735	SZ435	-	-	QG2221	QG2821
265/65-17	-	ZT741	SZ441	-	-	QG2221	QG2821
265/65-18	-	ZT747	SZ447	-	-	QG2228	QG2828
265/70-15	-	ZT735	SZ435	-	-	-	-
LT265/70-16	-	ZT741	SZ441	-	-	-	-
265/70-16	-	ZT741	SZ441	-	-	-	-
LT265/70-17	-	ZT747	SZ447	-	-	QG2228	QG2828
265/70-17	-	ZT747	SZ447	-	-	QG2228	QG2828
265/70-18	-	-	SZ451	-	-	QG2228	QG2828
265/75-15	-	ZT741	SZ441	-	-	QG2228	QG2828
LT265/75-15	-	ZT741	SZ441	-	-	QG2228	QG2828
LT265/75-16	-	ZT747	SZ447	-	-	QG2228	QG2828
265/75-16	-	ZT747	SZ447	-	-	QG2228	QG2828
265/75-17	-	-	SZ451	-	-	QG2228	QG2828
265/75-18	-	-	-	SZ468	-	-	-
265/790-540A	-	-	SZ435	-	-	-	-
265/80-16	-	ZT747	SZ447	-	-	-	-
LT265/85-16	-	-	-	SZ468	-	-	-
275/35-18	-	-	SZ143	-	-	-	-
275/35-19	-	-	-	-	SC1042	-	-
275/40-17	-	-	SZ143	-	SC1042	-	-
275/40-18	-	-	SZ143	-	SC1042	-	-
275/40-20	-	-	SZ435	-	-	-	-
275/45-19	-	-	SZ441	-	-	-	-
275/45-20	-	-	SZ435	-	-	-	-
275/45-22	-	-	SZ447	-	-	-	-
275/50-15	SZ339	-	SZ139	-	-	QG1142	-
275/50-19	-	ZT735	SZ435	-	-	-	-
275/55-17	-	ZT741	SZ441	-	-	QG2221	QG2821
275/55-18	-	ZT741	SZ441	-	-	QG2221	QG2821
275/55-20	-	-	SZ451	-	-	-	-
275/60-14	SZ339	-	SZ139	-	-	QG2229	QG2829
275/60-15	-	-	-	-	SC1042	QG2229	QG2829
275/60-16	-	ZT735	SZ435	-	-	-	-
275/60-17	-	ZT741	SZ441	-	-	QG2228	QG2828
275/60-18	-	ZT747	SZ447	-	-	QG2228	QG2828
275/60-20	-	-	SZ451	-	-	-	-
275/65-16	-	ZT741	SZ441	-	-	QG2221	QG2821
275/65-17	-	ZT747	SZ447	-	-	QG2228	QG2828
LT275/65-18	-	ZT747	SZ447	-	-	QG2228	QG2828
275/65-18	-	ZT747	SZ447	-	-	QG2228	QG2828
LT275/65-20	-	-	-	SZ462	-	QG2228	QG2828
275/70-16	-	ZT747	SZ447	-	-	QG2228	QG2828
275/70-17	-	ZT747	SZ447	-	-	QG2228	QG2828
LT275/70-17	-	ZT747	SZ447	-	-	QG2228	QG2828
275/70-18	-	-	-	SZ462	-	-	-
LT275/70-18	-	-	-	SZ462	-	-	-
LT275/75-15	-	ZT747	SZ447	-	-	QG2228	QG2828
275/75-16	-	ZT747	SZ447	-	-	-	-
275/75-18	-	-	-	SZ462	-	QG2228	QG2828
285/30-18	-	-	SZ135	-	-	-	-
285/30-19	-	-	SZ139	-	-	-	-
285/30-20	-	-	SZ139	-	-	-	-
285/35-18	-	-	SZ139	-	-	-	-
285/35-19	-	-	SZ139	-	-	-	-
285/40-17	-	-	SZ139	-	-	-	-
285/40-18	-	-	SZ139	-	-	-	-

Passenger Car & Light Truck Tire Applications (cont'd)

TIRE SIZE	SHUR-GRIP Z	SUPER Z LT	SUPER Z6	SUPER Z8	RADIAL CHAIN	QUIK GRIP STD. LINK	QUIK GRIP V-LINK
285/40-19	-	-	SZ143	-	SC1042	QG2229	QG2829
285/40-20	-	-	SZ435	-	-	-	-
285/40-22	-	-	SZ441	-	-	-	-
285/40-24	-	-	-	SZ462	-	-	-
285/45-18	-	-	SZ435	-	-	-	-
285/45-19	-	-	SZ435	-	-	-	-
285/45-21	-	-	SZ441	-	-	-	-
285/45-22	-	-	SZ447	-	-	-	-
285/50-18	-	ZT735	SZ435	-	-	-	-
285/50-20	-	ZT741	SZ441	-	-	QG2228	QG2828
285/55-18	-	ZT741	SZ441	-	-	-	-
285/55-20	-	-	SZ451	SZ468	-	-	-
285/60-16	-	ZT735	SZ435	-	-	QG2221	QG2821
285/60-17	-	ZT747	SZ447	-	-	QG2221	QG2821
285/60-18	-	-	SZ451	-	-	QG2228	QG2828
285/60-19	-	-	-	SZ462	-	-	-
285/65-17	-	ZT747	SZ447	-	-	QG2228	QG2828
285/65-18	-	-	-	SZ468	-	-	-
285/70-15	-	ZT741	SZ441	-	-	QG2228	QG2828
LT285/70-15	-	ZT741	SZ441	-	-	QG2228	QG2828
285/70-16	-	ZT741	SZ441	-	-	QG2228	QG2828
285/70-17	-	-	-	SZ462	-	-	-
LT285/70-17	-	ZT747	SZ447	-	-	QG2228	QG2828
285/70-18	-	-	-	SZ462	-	QG2228	QG2828
LT285/75-15	-	ZT747	SZ447	-	-	QG2228	QG2828
LT285/75-16	-	-	SZ451	SZ462	-	-	-
295/40-20	-	-	SZ435	-	-	-	-
295/45-18	-	-	SZ435	-	-	-	-
295/45-20	-	-	SZ447	-	-	-	-
295/50-15	SZ339	-	SZ139	-	-	-	-
295/50-20	-	-	SZ451	-	-	-	-
295/60-18	-	ZT747	SZ447	SZ462	-	-	-
295/65-16	-	ZT741	SZ441	-	-	-	-
295/70-15	-	-	SZ451	-	-	QG2228	QG2828
295/70-17	-	-	-	SZ474	-	-	-
LT295/75-16	-	-	-	SZ462	-	-	-
295/75-18	-	-	-	SZ486	-	-	-
305/35-24	-	-	-	SZ468	-	-	-
305/40-22	-	-	SZ451	-	-	-	-
305/45-20	-	-	SZ441	-	-	-	-
305/45-22	-	-	-	SZ474	-	-	-
305/50-20	-	-	-	SZ468	-	-	-
305/50-22	-	-	-	SZ492	-	QG2226	-
305/55-18	-	ZT747	SZ447	-	-	-	-
305/55-20	-	-	-	SZ486	-	-	-
305/60-18	-	-	-	SZ474	-	-	-
305/70-16	-	-	-	SZ468	-	-	-
305/70-17	-	-	-	SZ486	-	QG2226	-
305/70-18	-	-	-	SZ492	-	QG2226	-
LT305/75-16	-	-	-	SZ468	-	-	-
LT305/85-16	-	-	-	SZ497	-	-	-
315/35-20	-	-	SZ435	-	-	-	-
315/40-19	-	-	SZ435	-	-	QG2221	QG2821
315/70-16	-	-	SZ451	SZ474	-	-	-
315/70-17	-	-	-	SZ486	-	QG2226	-
315/75-16	-	-	-	SZ486	-	-	-
315/75-17	-	-	-	SZ486	-	QG2226	-
325/50-20	-	-	SZ451	SZ474	-	-	-
LT325/60-15	-	ZT747	SZ447	-	-	-	-
325/60-18	-	-	-	SZ486	-	QG2226	-
325/60-20	-	-	-	SZ492	-	-	-
325/65-18	-	-	-	SZ492	-	QG2226	-
325/75-17	-	-	-	SZ486	-	QG2226	-
325/80-16	-	-	-	SZ492	-	QG2226	-
335/30-18	-	-	SZ139	-	-	-	-
335/30-20	-	-	SZ435	-	-	-	-
345/55-17	-	-	SZ451	SZ468	-	-	-

SECURITY CHAIN CO.

Commercial & Heavy Duty Tire Applications

These product applications show the best choice for most tires. Due to variations between tire manufacturers, the best choice for your tire may be different. To be sure, traction products should be fitted to the tire before actual use is required. Please refer to your vehicle owner's manual for any traction product limitations. Product stock number shown in *bold italic pink typeface* will meet or exceed SAE Class "S" clerance requirements.

TIRE SIZE	SINGLE OR DUAL	SUPER Z	SUPER Z8	ALLOY RADIAL CHAIN	QUIK GRIP LINK STYLE	QUIK GRIP V-BAR	QUIK GRIP V-BAR CTO
7.50-22.5	SINGLE	ZT865	-	-	-	-	-
8-18	SINGLE	-	*SZ468*	-	-	-	-
8-19.5	SINGLE	ZT747	-	-	-	QG2814	QGV320
8.25-15TR	SINGLE	ZT835	*SZ462*	-	QG2228	QG2828	-
8.25-20	SINGLE	-	*SZ492*	TA1939	-	-	-
	DUAL	-	-	TA3939	-	-	-
9.00-15TR	SINGLE	-	*SZ468*	-	-	-	-
9-17.5	SINGLE	ZT747	-	-	-	-	-
9.00-20	SINGLE	-	-	TA1941	-	-	-
	DUAL	-	-	TA3941	-	-	-
9-22.5	SINGLE	-	*SZ492*	TA1939	-	-	-
	DUAL	-	-	TA3939	-	-	-
9.5-17.5	SINGLE	-	*SZ468*	-	-	-	-
10.00-15TR	SINGLE	-	*SZ486*	-	-	-	-
10.00-20	SINGLE	ZT881	-	TA1945	-	-	-
	DUAL	-	-	TA3945	-	-	-
10.00-22	SINGLE	ZT887	-	TA1949	-	-	-
	DUAL	-	-	TA3949	-	-	-
10-22.5	SINGLE	-	-	TA1941	-	-	-
	DUAL	-	-	TA3941	-	-	-
10.00/90-20	SINGLE	ZT877	-	-	-	-	-
10.5-17.5	SINGLE	-	*SZ486*	-	-	-	-
11-17.5	SINGLE	-	*SZ486*	-	-	-	-
11.00-20	SINGLE	ZT887	-	-	-	-	-
	DUAL	-	-	TA3949	-	-	-
11.00-22	SINGLE	ZT891	-	-	-	-	-
11-22.5	SINGLE	ZT881	-	TA1945	-	-	-
	DUAL	-	-	TA3945	-	-	-
11.00-24	SINGLE	ZT891	-	-	-	-	-
11-24.5	SINGLE	ZT887	-	TA1949	-	-	-
	DUAL	-	-	TA3949	-	-	-
11.2-24	SINGLE	ZT887	-	-	-	-	-
11.50-20	SINGLE	ZT887	-	-	-	-	-
	DUAL	-	-	TA3949	-	-	-
11.5-22.5	SINGLE	ZT881	-	TA1947	-	-	-
	DUAL	-	-	TA3947	-	-	-
12-16.5 NHS	SINGLE	-	*SZ492*	-	QG2226	-	-
12.00-20	SINGLE	ZT891	-	-	-	-	-
12-22.5	SINGLE	ZT887	-	-	-	-	-
	DUAL	-	-	TA3949	-	-	-
12.4-32	SINGLE	-	-	-	QG2615	-	-
12.5-22.5	SINGLE	ZT887	-	-	-	-	-
	DUAL	-	-	TA3949	-	-	-
12.5-24.5	SINGLE	ZT891	-	-	-	-	-
12.75-22.5	SINGLE	ZT891	-	TA1949	-	-	-
	DUAL	-	-	TA3949	-	-	-
13-22.5	SINGLE	ZT891	-	-	-	-	-
13.00-24	SINGLE	-	-	-	QG2612	-	-
13.00-25	SINGLE	-	-	-	QG2612	-	-
14.00-20 GRADER	SINGLE	-	-	-	QG2612	-	-
14.00-21	SINGLE	-	-	-	QG2612	-	-
14.00-24 GRADER	SINGLE	-	-	-	QG2615	-	-
14.00-25	SINGLE	-	-	-	QG2615	-	-
15-19.5 NHS	SINGLE	ZT892	-	-	-	-	-
15.5-25	SINGLE	-	-	-	QG2612	-	-
16.00-20	SINGLE	-	-	-	QG2624	-	-
16.00-21	SINGLE	-	-	-	QG2624	-	-
16.00-24	SINGLE	-	-	-	QG2627	-	-
16.00-25	SINGLE	-	-	-	QG2627	-	-
16.9-20	SINGLE	-	-	-	QG2612	-	-
17.5-25	SINGLE	-	-	-	QG2624	-	-
18.00-24	SINGLE	-	-	-	QG2636	-	-
18.00-25	SINGLE	-	-	-	QG2636	-	-
18.00-26	SINGLE	-	-	-	QG2636	-	-
20.5-25	SINGLE	-	-	-	QG2633	-	-
23.5-25	SINGLE	-	-	-	QG2645	-	-
38X15-15	SINGLE	ZT881	-	-	-	-	-
38X15.50-16.5LT	SINGLE	ZT881	-	-	-	-	-
195/70-15C	SINGLE	-	-	-	QG2219	QG2819	-
205/75-17.5	SINGLE	ZT729	-	-	QG2219	QG2819	QGV315
215/75-17.5	SINGLE	ZT729	-	-	QG2221	QG2821	QGV315
215/75-19.5	SINGLE	ZT747	-	-	QG2228	QG2828	QGV320
225/70-19.5	SINGLE	ZT747	-	-	QG2221	QG2821	QGV320
225/70-22.5	SINGLE	-	*SZ497*	-	QG2214	QG2814	-
225/75-17.5	SINGLE	ZT735	-	-	QG2221	QG2821	QGV315
225/75-19.5	SINGLE	ZT747	-	-	QG2228	QG2828	QGV320

Commercial & Heavy Duty Tire Applications

TIRE SIZE	SINGLE OR DUAL	SUPER Z	SUPER Z8	ALLOY RADIAL CHAIN	QUIK GRIP LINK STYLE	QUIK GRIP V-BAR	QUIK GRIP V-BAR CTO
235/70-17.5	SINGLE	ZT735	-	-	QG2221	QG2821	QGV320
235/70-19.5	SINGLE	ZT741	-	-	QG2221	QG2821	QGV320
235/75-17.5	SINGLE	ZT741	-	-	QG2228	QG2828	QGV320
235/80-22.5	SINGLE	-	*SZ492*	TA1939	-	-	-
	DUAL	-	-	TA3939	-	-	-
245/70-17.5	SINGLE	ZT741	-	-	QG2228	QG2828	QGV320
245/70-19.5	SINGLE	-	*SZ462*	-	QG2228	QG2828	-
245/70-22.5	SINGLE	-	*SZ486*	-	-	-	-
245/75-15	SINGLE	ZT729	-	-	QG2229	QG2829	QGV315
245/75-17.5	SINGLE	ZT741	-	-	QG2228	QG2828	QGV320
245/75-22.5	SINGLE	-	*SZ492*	-	-	-	-
245/80-22.5	SINGLE	-	*SZ492*	TA1939	-	-	-
	DUAL	-	-	TA3939	-	-	-
255/65-15	SINGLE	-	-	-	QG2229	QG2829	-
255/70-19.5	SINGLE	ZT835	*SZ462*	-	QG2228	QG2828	-
255/70-22.5	SINGLE	-	*SZ497*	TA1939	-	-	-
	DUAL	-	-	TA3939	-	-	-
255/75-20	SINGLE	-	*SZ492*	-	-	-	-
265/65-20	SINGLE	ZT835	*SZ462*	-	-	-	QGV320
265/65-22.5	SINGLE	-	*SZ492*	-	-	-	-
265/70-19.5	SINGLE	-	*SZ497*	-	-	-	-
265/75-19.5	SINGLE	-	*SZ497*	-	-	-	-
265/75-22.5	SINGLE	ZT865	-	-	-	-	-
275/70-19.5	SINGLE	-	*SZ497*	-	-	-	-
275/75-19.5	SINGLE	-	*SZ497*	-	QG2228	QG2828	-
275/75-22.5	SINGLE	ZT877	-	TA1943	-	-	-
	DUAL	-	-	TA3943	-	-	-
275/80-22.5	SINGLE	ZT881	-	TA1943	-	-	-
	DUAL	-	-	TA3943	-	-	-
275/80-24.5	SINGLE	ZT881	-	TA1947	-	-	-
	DUAL	-	-	TA3947	-	-	-
285/60-22.5	SINGLE	-	*SZ492*	-	-	-	-
285/70-19.5	SINGLE	-	*SZ486*	-	-	-	-
285/70-24.5	SINGLE	ZT881	-	TA1943	-	-	-
	DUAL	-	-	TA3943	-	-	-
285/75-22.5	SINGLE	ZT877	-	TA1943	-	-	-
	DUAL	-	-	TA3943	-	-	-
285/75-24.5	SINGLE	ZT881	-	TA1947	-	-	-
	DUAL	-	-	TA3947	-	-	-
285/80-24.5	SINGLE	ZT881	-	-	-	-	-
	DUAL	-	-	TA3949	-	-	-
295/70-19.5	SINGLE	-	*SZ497*	-	-	-	-
295/70-22.5	SINGLE	ZT877	-	TA1943	-	-	-
	DUAL	-	-	TA3943	-	-	-
295/75-17.5	SINGLE	-	*SZ492*	-	QG2226	-	-
295/75-18	SINGLE	-	*SZ486*	-	-	-	-
295/75-22.5	SINGLE	ZT881	-	TA1943	-	-	-
	DUAL	-	-	TA3943	-	-	-
295/75-24.5	SINGLE	ZT881	-	TA1947	-	-	-
	DUAL	-	-	TA3947	-	-	-
295/80-22.5	SINGLE	ZT881	-	-	-	-	-
305/70-22.5	SINGLE	ZT881	-	-	-	-	-
305/75-24.5	SINGLE	ZT887	-	-	-	-	-
305/80-22.5	SINGLE	ZT881	-	-	-	-	-
	DUAL	-	-	TA3947	-	-	-
305/85-22.5	SINGLE	ZT892	-	-	-	-	-
315/60-22	SINGLE	ZT865	-	-	-	-	-
315/70-22.5	SINGLE	ZT881	-	TA1945	-	-	-
	DUAL	-	-	TA3945	-	-	-
315/80-22.5	SINGLE	ZT887	-	TA1949	-	-	-
	DUAL	-	-	TA3949	-	-	-
320/75-24	SINGLE	ZT887	-	-	-	-	-
	DUAL	-	-	TA3949	-	-	-
365/70-22.5	SINGLE	ZT892	-	-	-	-	-
365/80-20	SINGLE	ZT892	-	-	-	-	-
380/70-28	SINGLE	-	-	-	QG2612	-	-
385/65-22.5	SINGLE	ZT892	-	-	-	-	-
395/85-20	SINGLE	ZT898	-	-	-	-	-
425/70-22.5	SINGLE	ZT898	-	-	-	-	-
520/70-34	SINGLE	-	-	-	QG2636	-	-
540/60-30	SINGLE	-	-	-	QG2633	-	-

LINK CHAIN TIGHTENERS — NON-CAM APPLICATIONS

•Sold in pairs.

Part No. QG20069, For use with large truck tires, rubber with 5 metal hooks.
Part No. QG20070, For use with all passenger tires, rubber with 5 metal hooks.
Part No. QG20071, For use with light truck tires, galvanized chain and spring.
Part No. QG20072, For use with medium truck tires, galvanized chain and spring.
Part No. QG20073, For use with large truck tires, galvanized chain and spring.
Part No. QG20074, For use with light truck tires, rubber with 5 metal hooks.

SIDE CHAIN FASTENERS

Part No. QG20060, Side chain fastener, P & RP passenger and light truck sizes. Types P, RP, LSH, RLS, DH.
Part No. QG20065, Side chain fastener, 9/32", 5/16" side chain. Types SH, DTH, RS, RDT, DH, SM, DTM, CTO, OTR, FTH, Twin Grip.
Part No. QG20066, Side chain fastener, 3/8", 7/16" side chain. Type OTR.

QG20060

QG20065

QG20066

CROSS CHAIN END HOOKS

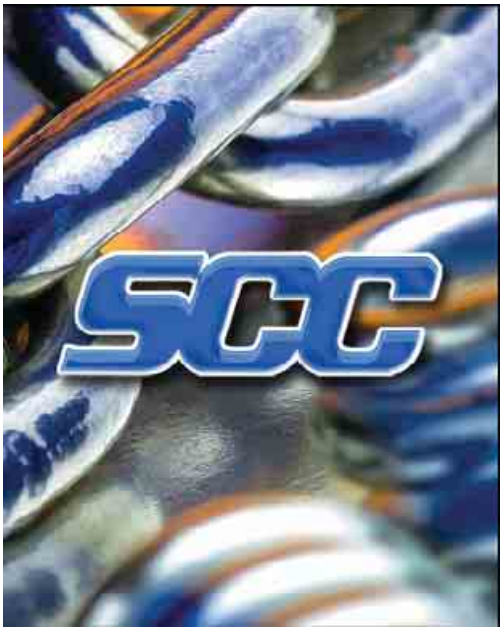
Part No. QG20051, 1/4" cross chain end hook, types LSH, RLS, DH. Inside length 1.562".
Part No. QG20054, 3/8" cross chain end hook, types SM, DTM, OTR, CTO, CAM-HD, Twin Grip. Inside length 1.750".
Part No. QG20055, 13/32" cross chain end hook, type FTH. Inside length 1.750".
Part No. QG20058, 7/16" cross chain end hook, types OTR, FTH. Inside length 2.375".
Part No. QG20059, 1/2" cross chain end hook, type OTR. Inside length 2.716".

STRAIGHT LINK WELDED SIDE CHAIN, NON-HARDENED

Part No. QG30040, 7/32" side chain, types LSH, DH, RLS. Inside length side chain link 1.390".
Part No. QG30070, 5/16" side chain, types SM, DTM, OTR, FTH, CTO-RS, CTO-RDT, Twin Grip. Inside length side chain link 1.921".
Part No. QG30090, 3/8" side chain, types FTH, OTR. Inside length side chain link 2.172".
Part No. QG30100, 7/16" side chain, type OTR. Inside length side chain link 2.250".

TIRE CHAIN PLIERS, LIGHT TRUCK & TRUCK

Part No. QG20094, Tire chain pliers, 13" long for light truck usage.
Part No. QG20093, Tire chain pliers, 33" long for truck usage.
Part No. QG20092, Replacement jaws for QG20093 chain pliers.
Part No. 0390MLN, Heavy duty production chain pliers.
Part No. 0313LKN, Replacement jaw set for 0390MLN chain pliers.



SCC
Security Chain Co.

TIRE CHAINS FOR WINTER SAFETY

NORSE
Chain Hardware

FORGED PIN COUPLERS
•Fastener for net chains. •Also used for repair and extending chains without welding.
Part No. A481010, 10 mm pin coupler.
Part No. A481013, 13 mm pin coupler.
Part No. A481016, 16 mm pin coupler.

SIDE CHAIN BOOMER — WITH LOCK BACK SHACKLE
•For use on "H" pattern and tractor chains. •Also used on heavy duty studded chains, 9 mm and 10 mm. •Complete with lock back shackle.
Part No. T246106, 7 mm and 8 mm boomer; 6 mm x 16 cm.
Part No. T246108, 9 mm and 10 mm boomer; 8 mm x 19 cm.
Part No. T246109, 11 mm and 13 mm boomer; 9 mm x 21 cm.

SIDE CHAIN BOOMER — WITH LOCK BACK LINK
•For use in truck chains 7 mm and 8 mm. •Complete with lock back link.
Part No. T246320, 6 mm boomer; 13 cm long.
Part No. T246330, 7 mm and 8 mm boomer; 6 mm x 15 cm long.

SIDE CHAIN "C" HOOK FASTENER
Part No. T246101, #1 "C" hook fastener, 4 - 5 mm.
Part No. T246102, #2 "C" hook fastener, 5 - 7 mm — used on 6 mm and 7 mm side chain.
Part No. T246103, #3 "C" hook fastener, 8 - 9 mm — used on 8 mm and 9 mm side chain.

TIRE CHAIN TOOL
•Opens and closes cross chain hooks.
Part No. T249610, Forged steel pliers, 18".
Part No. T249640, Replacement head.

TIGHTENING CAM
Part No. T248002, 8 mm tightening cam c/w link.

CAM TIGHTENING TOOL
Part No. T248001, Cam tightening tool - (8 mm); for use with truck chains.
Part No. T125502, Cam tightening tool - (5 mm); for use with "Nortrac" chains.

SIDE CHAIN — STRAIGHT LINK
•Moderately hardened, polished finish. •Camside has 1 cam every 10 links.
Part No. T2420700, 7.0 mm side chain, 295 feet per box.
Part No. T2420800, 8.0 mm side chain, 197 feet per box.
Part No. T2420900, 9.0 mm side chain, 197 feet per box.
Part No. T2421000, 10.0 mm side chain, 197 feet per box.
Part No. T2421100, 11.0 mm side chain, 164 feet per box.
Part No. T2421300, 13.0 mm side chain, 164 feet per box.
Part No. T2420870, 8.0 mm camside chain, 197 feet per box.

TELLEFSDAL

TIRE CHAIN
Fasteners — Heavy Duty

Part No. CH-1000, Clevis hook.
Part No. BH-1000, Boomer hook.
Part No. HO-1000, C hook.

DYNALINE
Tire Chain Hardware

DYNALINE

68010

68011

68012

68013

68014

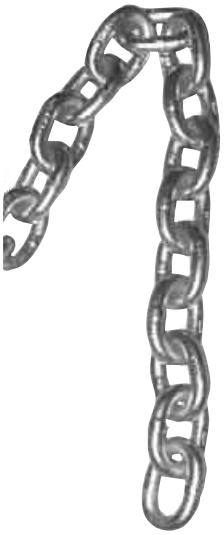
68015

•Clear zinc plated steel.
Part No. 68010, Boomer, 7" overall length.
Part No. 68011, Clevis and thumbscrew, 2" overall length.
Part No. 68012, C-hook, 4" overall length.
Part No. 68013, Tire chain boomer.
Part No. 68014, Tire chain C-link.
Part No. 68015, Tire chain C-hook.

CAMPBELL / COLUMBUS

Welded Chain

Part No.	Actual Size	Nominal Size	Metric Size	Proof Test*	Working Load*
Proof Coil Chain - Grade 30 - Spectrum 3					
PCC-1/8	.157"	1/8"	4.0 mm	800 lbs.	400 lbs.
PCC-3/16	.197"	3/16"	5.0 mm	1240 lbs.	620 lbs.
PCC-1/4	.248"	1/4"	6.3 mm	2200 lbs.	1100 lbs.
PCC-5/16	.315"	5/16"	8.0 mm	3800 lbs.	1900 lbs.
PCC-3/8	.375"	3/8"	9.5 mm	4800 lbs.	2400 lbs.
PCC-1/2	.492"	1/2"	12.5 mm	8300 lbs.	4150 lbs.
Systems 7 Chain - Grade 70 - Transport 7 - Spectrum 7					
S7-1/4	.280"	1/4"	7.1 mm	6300 lbs.	3150 lbs.
S7-5/16	.335"	5/16"	8.5 mm	9400 lbs.	4700 lbs.
S7-3/8	.394"	3/8"	10.0 mm	13200 lbs.	6600 lbs.
S7-7/16	.472"	7/16"	12.0 mm	17500 lbs.	8750 lbs.
S7-1/2	.531"	1/2"	13.5 mm	22600 lbs.	11300 lbs.
System 10 Alloy Chain - Grade 100					
GR10-1/4	.290"	9/32"	7.1 mm	8600 lbs.	4300 lbs.
GR10-3/8	.407"	3/8"	10.0 mm	17200 lbs.	8800 lbs.
GR10-1/2	.522"	1/2"	13 mm	30000 lbs.	15000 lbs.



*PLEASE NOTE:
"Proof Test" and "Working Load" figures given are to be used as guidelines only. We cannot accept responsibility for chain failures.

NOTE:
•Ultimate tensile strength of chain is approximately 3.5 times the working load limit.

SYSTEM 7

Chain Assemblies

Grade 70, convenient chain assemblies in various lengths c/w clevis grab hooks.

Part No.	Chain Size	Assembly Length	c/w Hooks Size:
CA-S7-1/4-14-504	1/4"	14 ft.	1/4"
CA-S7-1/4-16-504	1/4"	16 ft.	1/4"
CA-S7-1/4-20-504	1/4"	20 ft.	1/4"
CA-S7-5/16-14-505	5/16"	14 ft.	5/16"
CA-S7-5/16-14-506	5/16"	14 ft.	3/8"
CA-S7-5/16-16-505	5/16"	16 ft.	5/16"
CA-S7-5/16-16-506	5/16"	16 ft.	3/8"
CA-S7-5/16-20-505	5/16"	20 ft.	5/16"
CA-S7-5/16-20-506	5/16"	20 ft.	3/8"
CA-S7-5/16-25-505	5/16"	25 ft.	5/16"
CA-S7-5/16-25-506	5/16"	25 ft.	3/8"

Part No.	Chain Size	Assembly Length	c/w Hooks Size:
CA-S7-3/8-14-506	3/8"	14 ft.	3/8"
CA-S7-3/8-16-506	3/8"	16 ft.	3/8"
CA-S7-3/8-20-506	3/8"	20 ft.	3/8"
CA-S7-3/8-25-506	3/8"	25 ft.	3/8"
CA-S7-1/2-14-508	1/2"	14 ft.	1/2"
CA-S7-1/2-16-508	1/2"	16 ft.	1/2"
CA-S7-1/2-20-508	1/2"	20 ft.	1/2"
CA-S7-1/2-25-508	1/2"	25 ft.	1/2"
CA-S7-1/2-30-508	1/2"	30 ft.	1/2"

WELDLESS

Chain

PART NO.	DESCRIPTION	FINISH
SS-35	Steel sash chain #35	zinc plated
BS-1/0	Safety chain #1/0	bright brass
TM-4	Machine twist link chain #4	zinc plated
TM-2/0	Machine twist link chain #2/0	zinc plated
TC-2	Tenso coil chain #2	zinc plated
TC-3/0	Tenso coil chain #3/0	zinc plated
PL-2/0	Passing link chain #2/0	zinc plated

Sash Chain | Safety Chain | Machine Chain | Tenso Chain | Passing Chain

LEBUS

Winch Line Tail Chains & Hooks

PART NO.	WINCH LINE DIAMETER	LENGTH
459	5/16 - 3/8"	18"
460	1/2 - 5/8"	18"
465	3/4 - 7/8"	24"
467	1 - 1-1/8"	24"

LEBUS
Load Binders

L-150 STANDARD LOAD BINDERS

PART NO.	MAX. CHAIN SIZE	WEIGHT IN LBS.	HANDLE LENGTH	TAKE-UP	PROOF LOAD (LBS.)	MIN. BREAKING STRENGTH	WORKING LOAD LIMIT (LBS.)
7-1	3/8"	7.02	16"	4½"	10800	19000	5400
A-11	1/2"	12.47	18.69"	4½"	18400	33000	9200
C-1	5/8"	19.68	21"	4¾"	26000	46000	13000

L-130 MIDGET ALL STEEL LOAD BINDERS

PART NO.	MAX. CHAIN SIZE	WEIGHT IN LBS.	HANDLE LENGTH	TAKE-UP	WORKING LOAD (LBS.)	MIN. BREAKING STRENGTH
W-1	1/4"	2.6	11¼"	2.40"	1450	5100

*PLEASE NOTE:
"Proof Test" and "Working Load" figures given are to be used as guidelines only. We cannot accept responsibility for chain failures.

RACK PATTERN LOAD BINDERS

PART NO.	CHAIN SIZE	WEIGHT IN LBS.	HANDLE LENGTH	TAKE-UP	WORKING LOAD (LBS.)	OPEN SPREAD
270	3/16"-1/4"	1.4	7½"	3"	250	9"

L-140 STANDARD RATCHET TYPE LOAD BINDERS - 10" barrel length

PART NO.	MAX. CHAIN SIZE	WEIGHT IN LBS.	HANDLE LENGTH	TAKE-UP	PROOF LOAD (LBS.)	MIN. BREAKING STRENGTH	WORKING LOAD LIMIT (LBS.)
R-7	3/8"	11.23	14"	8"	13200	26000	6600
R-A	1/2"	12.83	14"	8"	18400	33000	9200
R-C	5/8"	14.55	14"	8"	26000	46000	13000

DYNALINE
Load Binders & Tighteners

DYNALINE

LEBUS STYLE LOAD BINDER

•Forged steel; red-orange painted finish.

PART NO.	CHAIN SIZE	TAKE-UP	S.W.L.L.*	U.L.L.**
66203	1/4" - 5/16"	4½"	2600 lbs.	7800 lbs.
66204	5/16" - 3/8"	4½"	5400 lbs.	19,000 lbs.

*Never exceed the S.W.L.L. (Safe Working Load Limit)
**U.L.L. = Ultimate Load Limit

RATCHET STYLE LOAD BINDER

•Forged steel; red-orange painted finish.

PART NO.	CHAIN SIZE	TAKE-UP	S.W.L.L.*	U.L.L.**
66196	1/4"	6"	2600 lbs.	9200 lbs.
66197	5/16" - 3/8"	8"	5400 lbs.	19,000 lbs.
66198	3/8" - 1/2"	8"	9200 lbs.	33,000 lbs.

*Never exceed the S.W.L.L. (Safe Working Load Limit)
**U.L.L. = Ultimate Load Limit

66200

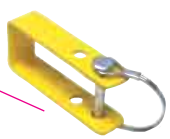
LOAD TIGHTENER

•Red-orange painted finish.

PART NO.	CHAIN SIZE	TAKE-UP	S.W.L.L.*	U.L.L.**
66200	3/16" - 1/4"	3-3/8"	375 lbs.	1500 lbs.
66201	3/16" - 1/4"	3-3/8"	375 lbs.	1500 lbs.

*Never exceed the S.W.L.L. (Safe Working Load Limit)
**U.L.L. = Ultimate Load Limit

NOTE: Load binder sold separately.



•LOAD BINDER LOCK

•Eliminates Load Binder Release •Easy to Install and Remove •Highly Visible Yellow
•Two Width Adjustment
Part No. 66205.

CHAIN BOOMER

Part No. 442-490, 3/8" capacity standard load binder - 19,000 lbs. min. breaking strength.

CHAIN

Fittings

MIDLINKS

PART NO.	SIZE
605	1/4" - 5/16"
606	3/8"
608	7/16" - 1/2"

MIDLINKS

Forged carbon steel body. Alloy steel pins. For use with Grade 30, Grade 40, and Grade 70 chain. Yellow zinc dichromate plated finish.

PART NO.	SIZE
66138	1/4" - 5/16"
66139	3/8"
66140	7/16" - 1/2"

DYNALINE

STANDARD CLEVIS GRAB HOOKS

PART NO.	SIZE
504	1/4"
505	5/16"
506	3/8"
507	7/16"
508	1/2"

CLEVIS GRAB HOOKS — CARBON STEEL

H-330 forged carbon steel. Clear zinc plated finish. For use with Grade 30 and Grade 40 chain.

PART NO.	SIZE
66110	1/4"
66111	5/16"
66112	3/8"
66113	7/16"
66114	1/2"

DYNALINE

EYE GRAB HOOKS

PART NO.	SIZE
204H	3/16" - 1/4"
205H	5/16"
206H	3/8"
208H	1/2"

EYE GRAB HOOKS

H-323 forged carbon steel. Clear zinc plated finish. For use with Grade 30 chain.

PART NO.	SIZE
66123	1/4"
66124	5/16"
66125	3/8"

DYNALINE

QUIK-ALLOY GRAB HOOKS

•*GRADE 100*•

PART NO.	SIZE
CH1/4-100	9/32" - 1/4"
CH3/8-100	3/8"
CH1/2-100	1/2"

BIG ORANGE TRANSPORT 7 GRAB HOOKS

PART NO.	SIZE
805T	5/16"
806T	3/8"

BIG ORANGE CLEVIS GRAB HOOKS GRADE 43

PART NO.	SIZE
804	1/4"
805	5/16"
806	3/8"
807	7/16"
808	1/2"

BIG ORANGE CLEVIS GRAB HOOKS GRADE 63

PART NO.	SIZE
M807A	7/16"

BIG ORANGE CLEVIS GRAB HOOKS GRADE 80

PART NO.	SIZE
M804A	1/4"
M805A	5/16"
M806A	3/8"
M808A	1/2"

NEW!!

FORGED WELD-ON GRAB HOOKS — GRADE 43

PART NO.	SIZE
B2408W	5/16"
B2408W375	3/8"
B2408W50	1/2"

Buyers

EYE SLIP HOOKS

PART NO.	SIZE
304H	3/16" - 1/4"
305H	5/16"
306H	3/8"
308H	1/2"

EYE SLIP HOOKS

PART NO.	SIZE
66129	1/4"
66130	5/16"
66131	3/8"

DYNALINE

CLEVIS SLIP HOOKS

PART NO.	SIZE
904	1/4"
905	5/16"
906	3/8"
907	7/16"
908	1/2"

CLEVIS SLIP HOOKS

H-331 forged carbon steel. Clear zinc plated finish. For use with Grade 30 and Grade 40 chain.

PART NO.	SIZE
66115	1/4"
66116	5/16"
66117	3/8"
66118	7/16"
66119	1/2"

DYNALINE

CLEVIS SLIP HOOKS c/w LATCH

H-331 forged carbon steel. Clear zinc plated finish. For use with Grade 30 and Grade 40 chain.

PART NO.	SIZE
66070	1/4"
66071	5/16"
66072	3/8"

DYNALINE

QUIK-ALLOY CLEVIS SLIP HOOKS

•*GRADE 100*•

PART NO.	SIZE
SH1/4-100	9/32" - 1/4"
SH3/8-100	3/8"
SH1/2-100	1/2"

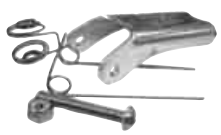
QUIK-ALLOY CLEVIS SLIP HOOKS c/w LATCH

•*GRADE 100*•

PART NO.	SIZE
SSH1/4-100	9/32" - 1/4"
SSH3/8-100	3/8"
SSH1/2-100	1/2"

QUIK-ALLOY REPLACEMENT LATCH KITS

PART NO.	SIZE
SL1/4-100	9/32" - 1/4"
SL3/8-100	3/8"
SL1/2-100	1/2"



SAFETY HOOKS

PART NO.	SIZE
404	1/4" (3/4 ton)
405	5/16" (1 ton)
406	3/8" (1½ ton)
407	7/16" (2 ton)
410	1/2" (3 ton)

REPLACEMENT LATCH KITS

PART NO.	SIZE
4X404	1/4"
4X405	5/16"
4X406	3/8 - 7/16"
4X410	1/2"

SAFETY SLIP HOOKS

Forged carbon steel. Clear zinc plated finish.

PART NO.	SIZE
66135	5/16"

DYNALINE

SAFETY WINCH HOOKS

Forged carbon steel. Clear zinc plated finish.

PART NO.	SIZE
66136	1/4"

DYNALINE

EYE HOIST HOOKS

Complete with latches. 320C forged carbon steel. Red enamel painted finish.

PART NO.	EYE SIZE
66145	3/4"
66146	7/8"
66147	1-1/8"
66148	1-1/4"
66149	1-1/2"
66150	2"

DYNALINE

REPLACEMENT LATCH KITS FOR EYE HOIST HOOKS

Includes latch, spring, bolt, and nut. Clear zinc plated steel.

PART NO.	FITS EYE HOIST
66151	66145
66152	66146
66153	66147
66154	66148
66155	66149

DYNALINE

ALLOY CLEVIS GRAB HOOKS

PART NO.	SIZE
A330-1/4	1/4"
A330-5/16	5/16"
A330-3/8	3/8"
A330-7/16	7/16"
A330-1/2	1/2"
A330-5/8	5/8"
A330-3/4	3/4"

CLEVIS GRAB HOOKS — ALLOY STEEL

A-330 forged alloy steel. Yellow zinc dichromate plated finish. For use with Grade 70 chain.

PART NO.	SIZE
66120	1/4"
66121	5/16"
66122	3/8"

DYNALINE

ALLOY SELF-LOCKING SWIVEL HOOKS (GRADE 80)

PART NO.	SIZE
SW1/4-80	1/4 - 9/32"
SW3/8-80	3/8"

ALLOY COUPLING LINKS (GRADE 80)

PART NO.	SIZE
CL1/4-80	1/4 - 9/32"
CL3/8-80	3/8"

SWIVEL EYE HOOKS

332C forged carbon steel. Clear zinc plated finish.

PART NO.	SIZE
66134	1-1/4" eye 7/8" opening

DYNALINE

SAFETY LANYARD HOOKS

Forged carbon steel. Clear zinc plated finish. 1000 lbs. safe working load limit. 1-1/16" eye.

PART NO.	TYPE	SIZE
66137	Single latch	3/4"
66137S	Double latch	1"

DYNALINE

COLD SHUTS

PART NO.	SIZE
343-3/16	3/16"
343-1/4	1/4"
343-5/16	5/16"
343-3/8	3/8"
343-7/16	7/16"
343-1/2	1/2"

COLD SHUTS

Formed steel. Clear zinc finish.

PART NO.	SIZE
66440	3/16"
66441	1/4"
66442	5/16"
66443	3/8"

DYNALINE

REPAIR LINKS

PART NO.	SIZE
DRL-3/16	3/16"
DRL-1/4	1/4"
DRL-5/16	5/16"
DRL-3/8	3/8"
DRL-1/2	1/2"

REPAIR LINKS

Formed steel. Clear zinc plated finish.

PART NO.	WIRE DIA.	OVERALL LENGTH
66400	1/8"	3/4"
66401	3/16"	1"
66402	1/4"	1-1/4"
66403	5/16"	1-1/2"
66404	3/8"	1-5/8"

DYNALINE

RAPID LINKS

PART NO.	SIZE
RL-1/8	1/8"
RL-3/16	3/16"
RL-1/4	1/4"
RL-5/16	5/16"
RL-3/8	3/8"
RL-7/16	7/16"
RL-1/2	1/2"

RAPID LINKS

Formed steel. Clear zinc plated finish.

PART NO.	SIZE
66430	1/8"
66431	3/16"
66432	1/4"
66433	5/16"
66434	3/8"
66435	7/16"
66436	1/2"

DYNALINE

RAPID LINKS

Stainless steel.

PART NO.	SIZE
64000	1/8"
64001	5/32"
64002	1/4"
64003	5/16"
64004	3/8"

DYNALINE

Not recommended for overhead lifting.

SPRING HOOKS

PART NO.	SIZE
2450-3/16	3/16"
2450-1/4	1/4"
2450-5/16	5/16"
2450-3/8	3/8"
2450-7/16	7/16"
2450-1/2	1/2"

SPRING HOOKS

Formed steel. Clear zinc plated finish.

PART NO.	SIZE
66419	3/16"
66420	1/4"
66421	5/16"
66422	3/8"
66425	7/16"
66426	1/2"

DYNALINE

Fittings

SPRING HOOKS
Stainless steel.

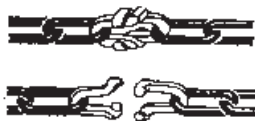
PART NO.	SIZE
64070	3/16"
64071	1/4"
64072	5/16"
64073	3/8"

DYNALINE

Not recommended for overhead lifting.

LINK LOCKS - GALVANIZED STEEL

PART NO.	SIZE	BREAKING LOAD
461-1/4	1/4"	3700 lbs.
461-5/16	5/16"	6000 lbs.
461-3/8	3/8"	12000 lbs.
461-1/2	1/2"	15000 lbs.



CONNECTING LINKS

PART NO.	SIZE
MRL-1/4	1/4"
MRL-5/16	5/16"
MRL-3/8	3/8"
MRL-1/2	1/2"

TARP HOOKS

PART NO.	SIZE
TH	3/8 x 3½"

TARP HOOKS

PART NO.	SIZE
66423	3/8 x 3½"
66424	1/4 x 2½"

DYNALINE

CORNER CAPS

PART NO.	SIZE
CC-100	Chain cap
CC-200	Strap cap

SCREW PIN ANCHOR SHACKLE

PART NO.	BODY DIA.	PIN DIA.
66000	1/4"	5/16"
66001	5/16"	3/8"
66002	3/8"	7/16"
66003	7/16"	1/2"
66004	1/2"	5/8"
66005	5/8"	3/4"
66006	3/4"	7/8"
66007	7/8"	1"
66008	1"	1-1/8"

DYNALINE

SCREW PIN ANCHOR SHACKLE

PART NO.	SIZE	RATING
SC-1/4	1/4"	1/2 T
SC-5/16	5/16"	3/4 T
SC-3/8	3/8"	1 T
SC-7/16	7/16"	1-1/2 T
SC-1/2	1/2"	2 T
SC-5/8	5/8"	3-1/4 T
SC-3/4	3/4"	4-3/4 T
SC-7/8	7/8"	6-1/2 T
SC-1	1"	8-1/2 T
SC-1-1/8	1-1/8"	9-1/2 T
SC-1-1/4	1-1/4"	12 T
SC-1-3/8	1-3/8"	13-1/2 T
SC-1-1/2	1-1/2"	17 T
SC-1-3/4	1-3/4"	25 T
SC-2	2"	35 T

SCREW PIN ANCHOR SHACKLE — STAINLESS STEEL

PART NO.	BODY DIA.	PIN DIA.
64060	3/16"	1/4"
64061	1/4"	5/16"
64062	5/16"	13/32"
64063	3/8"	1/2"

DYNALINE

Not recommended for overhead lifting.

SCREW PIN ANCHOR SHACKLE — COMMERCIAL GRADE

PART NO.	BODY DIA.	PIN DIA.
66010	1/4"	5/16"
66011	5/16"	3/8"
66012	3/8"	7/16"
66017	7/16"	1/2"
66013	1/2"	5/8"
66014	5/8"	3/4"

DYNALINE

ANCHOR SHACKLE — BOLT, NUT & COTTER — CARBON STEEL, GALVANIZED

PART NO.	SIZE DIA.	WORK LOAD LIMIT
M850G	1/2"	3 T
M851G	5/8"	4-1/2 T
M852G	3/4"	6-1/2 T
M853G	7/8"	8-1/2 T
M854G	1"	10 T
M855G	1-1/8"	12 T
M856G	1-1/4"	14 T
M866G	1-3/8"	17 T
M857G	1-1/2"	20 T
M885G	1-5/8"	24 T
M877G	1-3/4"	30 T
M858G	2"	35 T

SCREW PIN CHAIN SHACKLE — COMMERCIAL GRADE

PART NO.	BODY DIA.	PIN DIA.
66020	1/4"	5/16"
66021	5/16"	3/8"
66022	3/8"	7/16"
66023	7/16"	1/2"
66024	1/2"	5/8"

DYNALINE

FORGED STEEL GALVANIZED STUB END TURNBUCKLES

PART NO.	SIZE
SE-3/8X6	3/8 x 6"
SE-1/2X6	1/2 x 6"
SE-5/8X6	5/8 x 6"
SE-3/4X6	3/4 x 6"
SE-1X6	1 x 6"

FORGED STEEL GALVANIZED EYE & EYE TURNBUCKLES

PART NO.	SIZE
EE-3/8X6	3/8" x 6"
EE-1/2X6	1/2" x 6"
EE-1/2X9	1/2" x 9"
EE-1/2X12	1/2" x 12"
EE-5/8X9	5/8" x 9"
EE-5/8X12	5/8" x 12"
EE-3/4X9	3/4" x 9"
EE-3/4X12	3/4" x 12"
EE-7/8X12	7/8" x 12"
EE-1X12	1" x 12"

FORGED STEEL GALVANIZED HOOK & HOOK TURNBUCKLES

PART NO.	SIZE
HH-3/8X6	3/8" x 6"
HH-1/2X6	1/2" x 6"
HH-1/2X9	1/2" x 9"
HH-1/2X12	1/2" x 12"
HH-5/8X9	5/8" x 9"
HH-5/8X12	5/8" x 12"
HH-3/4X12	3/4" x 12"
HH-1X12	1" x 12"

FORGED STEEL GALVANIZED JAW & JAW TURNBUCKLES

PART NO.	SIZE
JJ-3/8X6	3/8" x 6"
JJ-1/2X6	1/2" x 6"
JJ-1/2X9	1/2" x 9"
JJ-1/2X12	1/2" x 12"
JJ-5/8X9	5/8" x 9"
JJ-5/8X12	5/8" x 12"
JJ-3/4X9	3/4" x 9"
JJ-3/4X12	3/4" x 12"
JJ-7/8X12	7/8" x 12"
JJ-1X12	1" x 12"

DYNALINE

TURNBUCKLES — WIRE FORMED ENDS

For light duty applications. Zinc die cast bodies. Zinc plated steel wire formed ends.

HOOK & EYE

PART NO.	THREAD DIAMETER	O.L. (MIN.)	O.L. (MAX.)	BODY LENGTH	EYE I.D.	S.W.L.L.*	U.L.L.**
66206	7/32"	4½"	6½"	2"	3/8"	120 lbs.	350 lbs.
66207	1/4"	5-3/8"	7-11/16"	2-5/16"	3/8"	190 lbs.	570 lbs.
66208	5/16"	6½"	9-5/16"	2-13/16"	7/16"	290 lbs.	875 lbs.
66209	3/8"	7½"	10-5/8"	3-1/16"	1/2"	375 lbs.	1125 lbs.

EYE & EYE

PART NO.	THREAD DIAMETER	O.L. (MIN.)	O.L. (MAX.)	BODY LENGTH	EYE I.D.	S.W.L.L.*	U.L.L.**
66226	3/16"	4½"	6½"	2"	3/8"	120 lbs.	350 lbs.
66227	1/4"	5½"	7-9/16"	2-5/16"	3/8"	190 lbs.	570 lbs.
66228	5/16"	6½"	9¼"	2¾"	7/16"	340 lbs.	1020 lbs.
66229	3/8"	7½"	10-5/8"	3-1/8"	1/2"	400 lbs.	1200 lbs.

DYNALINE

TURNBUCKLES — DUCTILE IRON — HOOK & EYE

Ductile iron bodies and forged steel ends. Hot dipped galvanized.

PART NO.	THREAD DIAMETER	O.L. (MIN.)	O.L. (MAX.)	BODY LENGTH	EYE I.D.	S.W.L.L.*	U.L.L.**
66210	1/4"	6¼"	9"	3"	3/8"	220 lbs.	660 lbs.
66211	5/16"	7½"	10¾"	3¾"	1/2"	440 lbs.	1320 lbs.
66212	3/8"	8-5/8"	13"	4½"	9/16"	660 lbs.	1980 lbs.
66213	1/2"	11¼"	17"	6"	3/4"	1100 lbs.	3300 lbs.
66214	5/8"	14"	21½"	7½"	15/16"	2200 lbs.	6600 lbs.
66215	3/4"	17¼"	26"	9"	1"	3300 lbs.	9900 lbs.

DYNALINE

TURNBUCKLES — FORGED STEEL — HOOK & HOOK

Forged steel bodies and ends. Hot dipped galvanized. Meets Fed. Spec FF-T791b, Type 1, Form 1, Class 5.

PART NO.	THREAD DIAMETER	O.L. (MIN.)	O.L. (MAX.)	BODY LENGTH	S.W.L.L.*	U.L.L.**
66800	1/4"	8"	12"	4"	400 lbs.	2000 lbs.
66801	5/16"	9"	13½"	4½"	700 lbs.	3500 lbs.
66802	3/8"	11¾"	17¾"	6"	1000 lbs.	5000 lbs.
66803	1/2"	13½"	19½"	6"	1500 lbs.	7500 lbs.
66804	1/2"	16"	25"	9"	1500 lbs.	7500 lbs.
66805	1/2"	19½"	31½"	12"	1500 lbs.	7500 lbs.
66806	5/8"	15"	21"	6"	2250 lbs.	11,250 lbs.
66807	5/8"	18"	27"	9"	2250 lbs.	11,250 lbs.
66808	5/8"	21½"	33½"	12"	2250 lbs.	11,250 lbs.
66809	3/4"	17½"	23½"	6"	3000 lbs.	15,000 lbs.
66810	3/4"	20"	29"	9"	3000 lbs.	15,000 lbs.
66811	3/4"	23"	35"	12"	3000 lbs.	15,000 lbs.

DYNALINE

TURNBUCKLES — FORGED STEEL — HOOK & EYE

Forged steel bodies and ends. Hot dipped galvanized. Meets Fed. Spec FF-T791b, Type 1, Form 1, Class 6.

PART NO.	THREAD DIAMETER	O.L. (MIN.)	O.L. (MAX.)	BODY LENGTH	S.W.L.L.*	U.L.L.**
66820	1/4"	8"	12"	4"	400 lbs.	2000 lbs.
66821	5/16"	9¼"	13¾"	4½"	700 lbs.	3500 lbs.
66822	3/8"	11¾"	17¾"	6"	1000 lbs.	5000 lbs.
66823	1/2"	13½"	19½"	6"	1500 lbs.	7500 lbs.
66824	1/2"	16½"	25½"	9"	1500 lbs.	7500 lbs.
66825	1/2"	19-3/8"	31-3/8"	12"	1500 lbs.	7500 lbs.
66826	5/8"	15"	21"	6"	2250 lbs.	11,250 lbs.
66827	5/8"	18"	27"	9"	2250 lbs.	11,250 lbs.
66828	5/8"	21¾"	33¾"	12"	2250 lbs.	11,250 lbs.
66829	3/4"	17½"	23½"	6"	3000 lbs.	15,000 lbs.
66880	3/4"	20½"	29½"	9"	3000 lbs.	15,000 lbs.
66881	3/4"	23½"	35½"	12"	3000 lbs.	15,000 lbs.

*Never exceed the S.W.L.L. (Safe Working Load Limit)
**U.L.L. = Ultimate Load Limit

Fittings

DYNALINE

TURNBUCKLES — FORGED STEEL — EYE & EYE

Forged steel bodies and ends. Hot dipped galvanized. Meets Fed. Spec FF-T791b, Type 1, Form 1, Class 4.

PART NO.	THREAD DIAMETER	O.L. (MIN.)	O.L. (MAX.)	BODY LENGTH	S.W.L.L.*	U.L.L.**
66830	1/4"	8¼"	12¼"	4"	500 lbs.	2500 lbs.
66831	5/16"	9½"	14"	4½"	800 lbs.	4000 lbs.
66832	3/8"	12¼"	18¼"	6"	1200 lbs.	6000 lbs.
66833	1/2"	14"	20"	6"	2200 lbs.	11,000 lbs.

DYNALINE

TURNBUCKLES — FORGED STEEL — JAW & JAW

Jaw & Jaw. Forged steel bodies and ends. Hot dipped galvanized. Meets Fed. Spec FF-T791b, Type 1, Form 1, Class 7.

PART NO.	THREAD DIAMETER	O.L. (MIN.)	O.L. (MAX.)	BODY LENGTH	S.W.L.L.*	U.L.L.**
66840	1/4"	8"	12"	4"	500 lbs.	2500 lbs.
66841	5/16"	9½"	14"	4½"	800 lbs.	4000 lbs.
66842	3/8"	11-3/8"	17-3/8"	6"	1200 lbs.	6000 lbs.
66843	1/2"	13"	19"	6"	2200 lbs.	11,000 lbs.
66844	1/2"	16"	25"	9"	2200 lbs.	11,000 lbs.
66845	1/2"	19"	31"	12"	2200 lbs.	11,000 lbs.
66846	5/8"	14¾"	20¾"	6"	3500 lbs.	17,500 lbs.
66847	5/8"	17¾"	26¾"	9"	3500 lbs.	17,500 lbs.
66848	5/8"	21"	33"	12"	3500 lbs.	17,500 lbs.
66849	3/4"	16¾"	22¾"	6"	5200 lbs.	26,000 lbs.
66850	3/4"	19¾"	28¾"	9"	5200 lbs.	26,000 lbs.
66851	3/4"	22¾"	34¾"	12"	5200 lbs.	26,000 lbs.

*Never exceed the S.W.L.L. (Safe Working Load Limit)
**U.L.L. = Ultimate Load Limit

FORGED HITCH PINS - SOLID HANDLE - WITH HAIRPIN LOCK

PART NO.	PIN DIAMETER	LENGTH
M1196E	1/2"	3-1/2"
M1201E	5/8"	3-3/4"
M1206E	3/4"	4"
M1211	7/8"	4-1/4"
M1216	1"	4-3/4"
M1219E	5/8"	6"
M1221E	3/4"	6-1/4"
M1226E	7/8"	6-1/2"
M1231E	1"	6-3/4"
M1241	1-1/8"	7"
M1251	1-1/4"	7"
M1261*	1-3/8"	7"
M1271*	1-1/2"	8"

*Complete with linch pins.

FORGED HITCH PINS - SOLID HANDLE - WITH HAIRPIN CLIP

C-1144 stress-proof steel. Double heat treated. Red vinyl dipped handle.

DYNALINE

PART NO.	PIN DIAMETER	LENGTH
66251	1/2"	3-5/8"
66252	5/8"	4"
66253	3/4"	4-1/2"
66254	7/8"	4-1/2"
66255	1"	4-1/2"
66256	5/8"	5-1/2"
66257	3/4"	6-1/2"
66258	7/8"	6-1/2"
66259	1"	7-1/2"
66260	1-1/8"	8-1/2"
66261	1-1/4"	8-1/2"
66263	1-1/2"	8-1/2"

FORGED HITCH PINS - FOLD OVER WIRE HANDLE

C-1045 stress-proof steel. Heat treated. Supplied with linch pin and tenso chain. Yellow dichromate plated finish.

DYNALINE

PART NO.	PIN DIAMETER	LENGTH
66280	1/2"	4-1/4"
66281	5/8"	4-1/4"
66282	5/8"	6-1/4"
66283	3/4"	4-1/4"
66284	3/4"	6-1/4"
66285	7/8"	6-1/4"
66286	1"	6-1/4"
66287	1-1/8"	6-1/4"
66288	1-1/4"	6-1/4"

FORGED HITCH PINS - FOLD OVER WIRE HANDLE

C-1045 stress-proof steel. Heat treated. Supplied with hair pin. Yellow dichromate plated finish.

PART NO.	PIN DIAMETER	LENGTH
66780	1/2"	4-1/4"
66781	5/8"	4-1/4"
66782	3/4"	6-1/4"
66783	3/4"	4-1/4"
66784	3/4"	6-1/4"
66785	7/8"	6-1/4"
66786	1"	6-1/4"
66787	1-1/8"	6-1/4"
66788	1-1/4"	6-1/4"

DYNALINE

FORGED HITCH PINS - WIRE HANDLE

1040 steel. Yellow zinc plated. Includes cotter pin.

PART NO.	PIN DIAMETER	LENGTH
66100	1/2"	4-1/4"
66105	5/8"	6-1/4"
66110	3/4"	4-1/4"
66115	3/4"	6-1/4"
66120	7/8"	6-1/4"
66125	1"	6-1/4"
66130	1-1/8"	6-1/4"

HITCH PINS - ROUND RING

C-1144 stress-proof steel. Clear zinc plated finish. Supplied with hair pin clip.

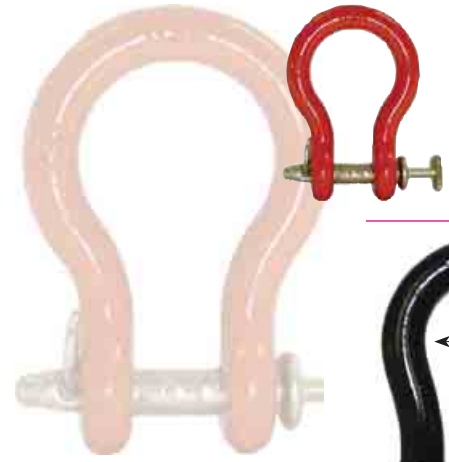
PART NO.	PIN DIAMETER	LENGTH
66250	3/8"	3"

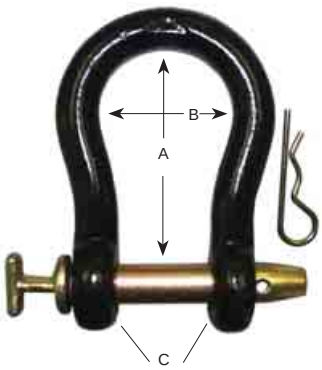
ZINC PLATED T HANDLE CLEVIS PINS - WITH HAIRPIN LOCK

PART NO.	PIN DIAMETER	LENGTH
M811	1/2"	2-1/4"
M813	5/8"	3-1/8"
M817	3/4"	3-1/4"
M819	7/8"	3-3/4"
M829	1"	4-1/4"

STRAIGHT CLEVIS - WITH ZINC PLATED HEAT TREATED PINS & HAIRPIN LOCKS

PART NO.	PIN SIZE	DIAMETER	WORKING LOAD LIMIT LBS.	WEIGHT IN LBS.	REPLACEMENT PIN NO.
M8158	1/2"	5/8"	6000	1-1/2	M811
M8134	5/8"	3/4"	12000	2-1/2	M813
M8878	3/4"	7/8"	16000	3	M817
M8178	3/4"	7/8"	16000	2-1/2	M817
M8190	7/8"	15/16"	20000	4-1/4	M819
M8195	1"	1"	25000	5-3/4	M829





TWIST CLEVIS - WITH ZINC PLATED HEAT TREATED PINS & HAIRPIN LOCKS

PART NO.	PIN SIZE	DIAMETER	WORKING LOAD LIMIT LBS.	WEIGHT IN LBS.	REPLACEMENT PIN NO.
M8258	1/2"	5/8"	6000	1-1/2	M811
M8234	5/8"	3/4"	12000	2-1/2	M813
M8078	3/4"	7/8"	16000	3	M817
M8278	3/4"	7/8"	16000	2-1/2	M817
M8290	7/8"	15/16"	20000	4-1/4	M819
M8295	1"	1"	25000	5-3/4	M829

DYNALINE

STRAIGHT CLEVIS -

Forged steel. Black enamel painted body and zinc plated T-pin. Supplied with hair pin.

PART NO.	BODY DIAMETER	PIN DIAMETER	(A)	(B)	(C)	S.W.L.L.* LBS.	U.L.L.** LBS.
66029	5/8"	1/2"	3-1/4"	2"	7/8"	6000	18,000
66030	3/4"	5/8"	3-3/4"	2-1/4"	1-5/16"	12,000	36,000
66031	7/8"	3/4"	4-1/4"	2-3/4"	1-5/16"	16,000	48,000
66032	15/16"	7/8"	4-5/8"	3-1/8"	1-7/16"	20,000	60,000
66033	1"	1"	5-5/16"	3-5/16"	2-1/8"	25,000	75,000

*Never exceed the S.W.L.L. (Safe Working Load Limit)
**U.L.L. = Ultimate Load Limit

LOOSE PIN UTILITY CLEVIS

PART NO.	DIAMETER	PIN DIAMETER	WEIGHT IN LBS.
M1546	1/4"	5/16"	1/8
M1547	5/16"	3/8"	1/5
M1548	3/8"	7/16"	1/3
M1549	7/16"	1/2"	2/5
M1550	1/2"	5/8"	5/8
M1551	5/8"	3/4"	1-1/4

GENERAL PURPOSE CLEVIS

Hot forged with heat treated round pin for extra strength. 3/4" body and pin. Working load limit 10,000 lbs.
Part No. M465.

TRACTOR DRAWBAR GRAB HOOK

Hot forged high strength steel. Fits all tractor drawbars, old or new, front or back, to and including 1-5/8" thick. Use with chain sizes 5/16" to 1/2" including G40 high test chain. Working load limit 9,200 lbs.
Part No. M834.

M2X834 PINS

To fit M834 tractor drawbar grab hook with hairpin lock. 3/4" diameter, 2½" usable length.
Part No. M2X834.

TRACTOR DRAWBAR HOOK

Forged steel. Black enamel painted hook and zinc plated T-pin. Supplied with hair pin. For chain size 5/16" - 1/2". 1-5/8" jaw; 3/4" x 3" (pin diameter x length); 7" overall length. 9200 lbs. safe working load limit.
Part No. 66040.

DYNALINE

HAIR PINS

PART NO. & SIZE
3X1195 .....1/8"
3X1200 .....5/32"
3X1230 .....3/16"
3X1250 .....1/4"

LINCH PINS

Forged C-1010 steel pin. Yellow zinc dichromate plated finish.

PART NO.	PIN DIAMETER	(A)	(B)
66450	3/16"	1"	1-3/8"
66451	1/4"	1-1/4"	1-3/4"
66452	5/16"	1-1/4"	1-3/4"
66453	3/8"	1-1/4"	1-3/4"
66454	7/16"	1-1/4"	1-3/4"
66455	7/16"	1-3/4"	2"

DYNALINE

LINCH PINS

Yellow zinc plated.

PART NO. & SIZE
66000.....1/4"
66003.....3/16"
66006.....5/16"
66010.....7/16"
66015..... 7/16"*

Buyers

*Heavy duty.

QUICK RELEASE PINS

Quick and convenient. Use to adjust or remove accessories on equipment. Spring loaded ball locks pin into place. C-1144 zinc plated carbon steel pin.

PART NO.	PIN DIAMETER	LENGTH
66499	1/4"	1"
66500	1/4"	1-1/2"
66501	1/4"	2"
66503	1/4"	2-1/2"
66505	1/4"	3"
66507	5/16"	1"
66508	5/16"	1-1/2"
66509	5/16"	2"
66510	5/16"	2-1/2"
66511	5/16"	3"
66514	3/8"	1"
66515	3/8"	1-1/2"
66516	3/8"	2"
66518	3/8"	2-1/2"
66519	3/8"	3"
66520	3/8"	3-1/2"
66524	1/2"	1"
66525	1/2"	1-1/2"
66526	1/2"	2"
66527	1/2"	2-1/2"
66528	1/2"	3"
66530	1/2"	3-1/2"

DYNALINE

SNAPPER PINS

Yellow zinc plated.

Buyers

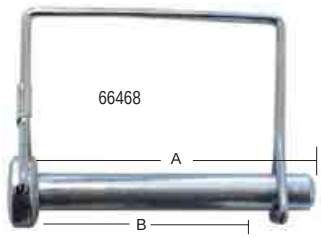
PART NO.	PIN W x L	USABLE LENGTH
66045	3/16" x 1-13/16"	1-5/8"
66050	1/4" x 2"	1-13/16"
66053	5/16" x 2-25/32"	2-7/16"
66056	3/8" x 1-5/8"	1-17/32"
66060	3/8" x 2-1/2"	2-11/32"
66063	1/4" x 2-49/64"	2-1/2"
66066	1/4" x 3-1/4"	3"
66070	1/4" x 3-3/4"	3-5/8"

QUICK PINS

C-1010 steel. Clear zinc plated finish.

DYNALINE

PART NO.	SPRING	PIN DIAMETER	(A)	(B)
66460	Round	1/4"	1-5/8"	1-3/8"
66461	Round	1/4"	2"	1-3/4"
66462	Square	1/4"	2-3/4"	2-1/2"
66463	Round	5/16"	1-5/8"	1-3/8"
66464	Round	5/16"	2"	1-3/4"
66465	Square	5/16"	2-3/4"	2-1/2"
66466	Round	3/8"	1-5/8"	1-3/8"
66467	Square	3/8"	2-1/2"	2-1/4"
66468	Square	3/8"	2-3/4"	2-1/2"



SPRING LOCK PINS

C-1144 stress-proof steel. Clear zinc plated finish.

DYNALINE

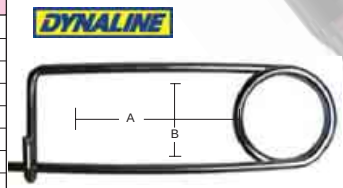
PART NO.	PIN DIAMETER	LENGTH
66244	1/2"	4-1/4"
66245	5/8"	4-1/4"
66246	3/4"	4-1/4"
66247	3/4"	6-1/4"
66248	7/8"	6-1/4"
66249	1"	6-1/4"

INDUSTRIAL SAFETY PINS

C-1010 steel. Clear zinc plated finish.

PART NO.	WIRE DIAMETER	(A)	(B)
66470	1/8"	3-1/8"	1-1/16"
66472	3/16"	3-3/8"	1-1/2"
66474	1/4"	5-1/4"	1-3/4"
66489	3/32"	1-11/16"	5/8"
66490	1/8"	2-13/16"	13/16"
66491	3/16"	3"	1-1/2"
66492	5/32"	3-3/4"	1-1/8"
66493	15/64"	5"	1-5/8"
66494	15/64"	5"	2-1/4"

DYNALINE



DYNALINE

BULL SNAP
•Zinc die cast •Nickel plated •5/8" snap opening •1" eye I.D. •4-1/8" overall length
Part No. 66330.

SOLID SNAP HOOK
•Zinc die cast •Nickel plated •1/2" snap opening •11/16" eye I.D. •3½" overall length
Part No. 66331.

CAP SNAP
•Zinc die cast •Nickel plated •3/8" snap opening •1" eye I.D. •3-5/8" overall length
Part No. 66332.

SWIVEL EYE SNAP
•Zinc die cast •Nickel plated •7/16" snap opening
Part No. 66334, 11/16" eye I.D., 3¼" overall length.
Part No. 66335, 13/16" eye I.D., 3-3/8" overall length.

DOG LEAD SNAP
•Zinc die cast •Nickel plated •1/4" snap opening •3/8" eye I.D. •2½" overall length
Part No. 66336.

PANIC SNAP
•Zinc die cast •Nickel plated •1" snap opening
Part No. 66338, 1/2" eye I.D., 4-1/16" overall length.
Part No. 66345, 1" eye I.D., 4-1/8" overall length.

TRIGGER SNAP
•Zinc die cast •Nickel plated
Part No. 66339, 1/2" snap opening, 11/16" eye I.D., 2¾" overall length.
Part No. 66344, 1/2" snap opening, 3/4" eye I.D., 2-7/8" overall length.
Part No. 66348, 3/8" snap opening, 3/4" eye I.D., 2½" overall length.
Part No. 66349, 1/2" snap opening, 1" eye I.D., 3½" overall length.
Part No. 66350, 1/2" snap opening, 3/4" eye I.D., 3-7/8" overall length.

BOLT SNAP
•Zinc die cast •Nickel plated
Part No. 66340, 1/2" snap opening, 11/16" eye I.D., 3-3/8" overall length.
Part No. 66342, 3/8" snap opening, 7/16" eye I.D., 3½" overall length.
Part No. 66343, 1/2" snap opening, 3/4" eye I.D., 3½" overall length.
Part No. 66354, 1/4" snap opening, 7/16" eye I.D., 2-1/8" overall length.

OPEN EYE SNAP
•Zinc die cast •Nickel plated •1/2" snap opening •13/16" eye I.D. •3-9/16" overall length
Part No. 66341.

LOOP SNAP
•Zinc die cast •Nickel plated •1/2" snap opening •3" overall length
Part No. 66346, 3/4" eye I.D.
Part No. 66347, 1" eye I.D.

SPRING SNAP
•Zinc die cast •Nickel plated •7/16" snap opening •1" eye I.D. •3-1/8" overall length
Part No. 66351.

SWIVEL LOOP SNAP
•Zinc die cast •Nickel plated •1/2" snap opening •3-1/8" overall length
Part No. 66352, 3/4" eye I.D.
Part No. 66353, 1" eye I.D.

OPEN DECOY SNAP
•Zinc die cast •Nickel plated •1/4" snap opening •1/2" eye I.D. •2½" overall length
Part No. 66355.

SIMPLEX SNAP
•Zinc die cast •Nickel plated •5/16" snap opening •7/16" eye I.D. •2¾" overall length
Part No. 66356.

STAINLESS STEEL BOLT SNAP
•Not recommended for overhead lifting
Part No. 64100, 1/2" eye I.D., 3-3/16" overall length.
Part No. 64101, 3/4" eye I.D., 3½" overall length.

STAINLESS STEEL SECURITY SNAP
•Not recommended for overhead lifting
Part No. 64102, 3/4" eye I.D., 3-3/8" overall length.
Part No. 64103, 7/8" eye I.D., 3-7/8" overall length.
Part No. 64104, 3/4" eye I.D., 4½" overall length.

STAINLESS STEEL SPRING SNAP
•Not recommended for overhead lifting
Part No. 64105, 1/4" eye I.D., 1-7/8" overall length.
Part No. 64106, 3/8" eye I.D., 2-5/8" overall length.
Part No. 64107, 1/2" eye I.D., 3-7/8" overall length.

STAINLESS STEEL BOAT SNAP
•Not recommended for overhead lifting
Part No. 64108, 1/2" eye I.D., 2" overall length.
Part No. 64109, 5/8" eye I.D., 2¾" overall length.
Part No. 64110, 3/4" eye I.D. 3¼" overall length.
Part No. 64111, 3/4" eye I.D., 3-7/8" overall length.

AIRCRAFT

QQQ/4045

Cable

•Galvanized •7x7 Strand Core; and 7x19 Strand Core

PART NO.	SIZE	DESCRIPTION
GAC-1/16	1/16"	7x7 galvanized aircraft cable - breaking strength 480 lbs.
GAC-1/16-500	1/16"	500 ft. roll 7x7 galvanized aircraft cable - breaking strength 480 lbs.
GAC-1/16-5000	1/16"	5000 ft. roll 7x7 galvanized aircraft cable - breaking strength 480 lbs.
GAC-3/32	3/32"	7x7 galvanized aircraft cable - breaking strength 920 lbs.
GAC-3/32-500	3/32"	500 ft. roll 7x7 galvanized aircraft cable - breaking strength 920 lbs.
GAC-3/32-5000	3/32"	5000 ft. roll 7x7 galvanized aircraft cable - breaking strength 920 lbs.
GAC-1/8	1/8"	7x19 galvanized aircraft cable - breaking strength 2000 lbs.
GAC-1/8-500	1/8"	500 ft. roll 7x19 galvanized aircraft cable - breaking strength 2000 lbs.
GAC-1/8-5000	1/8"	5000 ft. roll 7x19 galvanized aircraft cable - breaking strength 2000 lbs.
GAC-5/32	5/32"	7x19 galvanized aircraft cable - breaking strength 2800 lbs.
GAC-5/32-500	5/32"	500 ft. roll 7x19 galvanized aircraft cable - breaking strength 2800 lbs.
GAC-5/32-5000	5/32"	5000 ft. roll 7x19 galvanized aircraft cable - breaking strength 2800 lbs.
GAC-3/16	3/16"	7x19 galvanized aircraft cable - breaking strength 4200 lbs.
GAC-3/16-500	3/16"	500 ft. roll 7x19 galvanized aircraft cable - breaking strength 4200 lbs.
GAC-3/16-5000	3/16"	5000 ft. roll 7x19 galvanized aircraft cable - breaking strength 4200 lbs.
GAC-1/4	1/4"	7x19 galvanized aircraft cable - breaking strength 7000 lbs.
GAC-1/4-500	1/4"	500 ft. roll 7x19 galvanized aircraft cable - breaking strength 7000 lbs.
GAC-1/4-5000	1/4"	5000 ft. roll 7x19 galvanized aircraft cable - breaking strength 7000 lbs.
GAC-5/16	5/16"	7x19 galvanized aircraft cable - breaking strength 9800 lbs.
GAC-5/16-250	5/16"	250 ft. roll 7x19 galvanized aircraft cable - breaking strength 9800 lbs.
GAC-5/16-5000	5/16"	5000 ft. roll 7x19 galvanized aircraft cable - breaking strength 9800 lbs.
GAC-3/8	3/8"	7x19 galvanized aircraft cable - breaking strength 14,400 lbs.
GAC-3/8-250	3/8"	250 ft. roll 7x19 galvanized aircraft cable - breaking strength 14,400 lbs.
GAC-3/8-5000	3/8"	5000 ft. roll 7x19 galvanized aircraft cable - breaking strength 14,400 lbs.

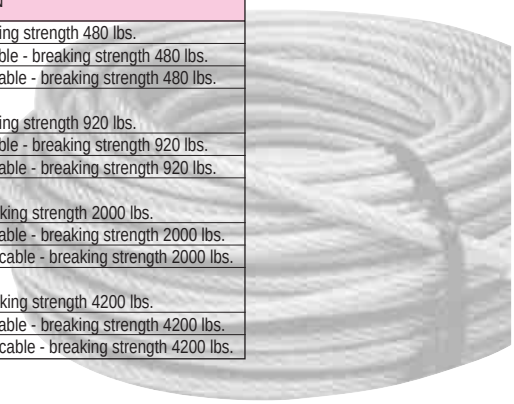
COATED GALVANIZED

QQQ/4044

Aircraft Cable

•PVC coated galvanized aircraft cable •7x7 Strand Core; and 7x19 Strand Core

PART NO.	CABLE SIZE	O.D.	DESCRIPTION
CCGAC-1/16-3/32	1/16	3/32	7x7 clear coated galvanized aircraft cable - breaking strength 480 lbs.
CCGAC-1/16-3/32-500	1/16	3/32	500 ft. roll 7x7 clear coated galvanized aircraft cable - breaking strength 480 lbs.
CCGAC-1/16-3/32-5000	1/16	3/32	5000 ft. roll 7x7 clear coated galvanized aircraft cable - breaking strength 480 lbs.
CCGAC-3/32-3/16	3/32	3/16	7x7 clear coated galvanized aircraft cable - breaking strength 920 lbs.
CCGAC-3/32-3/16-500	3/32	3/16	500 ft. roll 7x7 clear coated galvanized aircraft cable - breaking strength 920 lbs.
CCGAC-3/32-3/16-5000	3/32	3/16	5000 ft. roll 7x7 clear coated galvanized aircraft cable - breaking strength 920 lbs.
CCGAC-1/8-3/16	1/8	3/16	7x19 clear coated galvanized aircraft cable - breaking strength 2000 lbs.
CCGAC-1/8-3/16-500	1/8	3/16	500 ft. roll 7x19 clear coated galvanized aircraft cable - breaking strength 2000 lbs.
CCGAC-1/8-3/16-5000	1/8	3/16	5000 ft. roll 7x19 clear coated galvanized aircraft cable - breaking strength 2000 lbs.
CCGAC-3/16-1/4	3/16	1/4	7x19 clear coated galvanized aircraft cable - breaking strength 4200 lbs.
CCGAC-3/16-1/4-500	3/16	1/4	500 ft. roll 7x19 clear coated galvanized aircraft cable - breaking strength 4200 lbs.
CCGAC-3/16-1/4-5000	3/16	1/4	5000 ft. roll 7x19 clear coated galvanized aircraft cable - breaking strength 4200 lbs.



DYNALINE

DYN/1978

Aircraft Cable

•Galvanized •7x7 Strand Core; and 7x19 Strand Core •Sold by the foot

PART NO.	SIZE	DESCRIPTION	ROLL LENGTH
77000	1/16"	7x7 galvanized aircraft cable - breaking strength 480 lbs.	500 ft.
77001	3/32"	7x7 galvanized aircraft cable - breaking strength 920 lbs.	500 ft.
77002	1/8"	7x7 galvanized aircraft cable - breaking strength 1700 lbs.	250 ft.
77003	5/32"	7x19 galvanized aircraft cable - breaking strength 2800 lbs.	250 ft.
77004	3/16"	7x19 galvanized aircraft cable - breaking strength 4200 lbs.	250 ft.
77005	1/4"	7x19 galvanized aircraft cable - breaking strength 7000 lbs.	250 ft.
77006	5/16"	7x19 galvanized aircraft cable - breaking strength 9800 lbs.	250 ft.
77007	3/8"	7x19 galvanized aircraft cable - breaking strength 14,400 lbs.	250 ft.

DYNALINE Wire Rope

•Galvanized •6x19 fibre core construction •Sold by the foot

PART NO.	SIZE	DESCRIPTION	ROLL LENGTH
77020	1/2"	Galvanized wire rope - breaking strength 22,000 lbs.	100 ft.

WIRE Rope Clips

MALLEABLE GALVANIZED WIRE ROPE CLIPS

PART NO.	SIZE
WCG-1/8	1/8"
WCG-3/16	3/16"
WCG-1/4	1/4"
WCG-5/16	5/16"
WCG-3/8	3/8"
WCG-7/16	7/16"
WCG-1/2	1/2"
WCG-5/8	5/8"
WCG-3/4	3/4"
WCG-7/8	7/8"
WCG-1	1"

FORGED STEEL GALVANIZED WIRE ROPE CLIPS

PART NO.	SIZE
FS-1/8	1/8"
FS-3/16	3/16"
FS-1/4	1/4"
FS-5/16	5/16"
FS-3/8	3/8"
FS-7/16	7/16"
FS-1/2	1/2"
FS-5/8	5/8"
FS-3/4	3/4"
FS-7/8	7/8"
FS-1	1"
FS-1-1/8	1-1/8"
FS-1-1/4	1-1/4"
FS-1-1/2	1-1/2"
FS-1-3/4	1-3/4"
FS-2	2"

FORGED STEEL GALVANIZED WIRE ROPE CLIPS — FIST GRIP

PART NO.	SIZE
FG-1/4	3/16 -1/4"
FG-5/16	5/16"
FG-3/8	3/8"
FG-1/2	7/16 - 1/2"
FG-5/8	9/16 - 5/8"
FG-3/4	3/4"
FG-7/8	7/8"
FG-1	1"

DYNALINE Wire Rope Clips

MALLEABLE

Galvanized iron bodies. Zinc plated steel U-bolts and nuts. Meet Fed. Spec. FF-C-450, Type 1, Class 2.

PART NO.	SIZE
77030	1/8"
77031	3/16"
77032	1/4"
77033	5/16"
77034	3/8"
77035	1/2"
77036	5/8"
77037	3/4"
77038	7/8"
77039	1"

FORGED

Forged steel bodies. Zinc plated steel U-bolts and nuts. Meet Fed. Spec. FF-C-450, Type 1, Class 1.

PART NO.	SIZE
77040	1/8"
77041	3/16"
77042	1/4"
77043	5/16"
77044	3/8"
77045	1/2"
77046	5/8"
77047	3/4"
77048	7/8"
77049	1"

STAINLESS STEEL

Not recommended for overhead lifting.

PART NO.	SIZE
64020	1/8"
64021	3/16"
64022	1/4"
64023	5/16"
64024	3/8"

ALUMINUM Sleeves

ALUMINUM OVAL SLEEVE

Capable of supporting a greater load than the rated breaking strength of the cable to which they are attached when properly applied with Hand Swagers (please see page Q199).

PART NO.	FITS CABLE
SL1-2	1/16"
SL1-3	3/32"
SL1-4	1/8"
SL1-5	5/32"
SL1-6	3/16"
SL1-8	1/4"
SL1-10	5/16"
SL1-12	3/8"

ALUMINUM STOP SLEEVE

Capable of holding only 1/3 to 1/2 of the rated breaking strength of the cable to which they are attached.

PART NO.	FITS CABLE
ST1-2	1/16"
ST1-3	3/32"
ST1-4	1/8"
ST1-5	5/32"
ST1-6	3/16"
ST1-8	1/4"

Cable Ferrules & Stops

ALUMINUM CABLE FERRULES

Actual lengths may vary but do not affect the strength of the application.

PART NO.	CABLE DIAMETER	LENGTH
77080	1/16”	3/8”
77081	3/32”	1/2”
77082	1/8”	5/8”
77083	5/32”	9/16”
77084	3/16”	1”
77085	1/4”	1-1/8”
77086	5/16”	1-1/4”
77087	3/8”	1-1/2”

ALUMINUM CABLE STOPS

Actual lengths may vary but do not affect the strength of the application.

PART NO.	CABLE DIAMETER	LENGTH
77070	1/16”	3/16”
77071	3/32”	5/16”
77072	1/8”	5/16”
77073	5/32”	3/8”
77074	3/16”	3/8”
77075	1/4”	11/16”

Thimbles

PART NO.	SIZE
WT-3/16	3/16”
WT-1/4	1/4”
WT-5/16	5/16”
WT-3/8	3/8”
WT-1/2	1/2”
WT-5/8	5/8”
WT-3/4	3/4”
WT-7/8	7/8”
WT-1	1”
WT-1-1/8	1-1/8”
WT-1-1/4	1-1/4”

Cable Thimbles

GALVANIZED STEEL

Meet Fed. Spec. FF-T-276b, Type 2.

PART NO.	CABLE DIAMETER
77050	1/8”
77051	3/16”
77052	1/4”
77053	5/16”
77054	3/8”
77055	1/2”
77056	5/8”

STAINLESS STEEL

Not recommended for overhead lifting.

PART NO.	CABLE DIAMETER
64040	1/8”
64041	3/16”
64042	1/4”
64043	5/16”
64044	3/8”

WIRE ROPE BLOCKS

Swivel Eye Blocks

single sheave

double sheave

PART NO. w/ Rivets	PART NO. w/ Removable Pin	MAXIMUM CABLE SIZE	SAFE WORK LOAD	DESCRIPTION
01548	01548P	3/16"	525 lbs.	Single sheave swivel eye block
01548-2	01548-2P	3/16"	525 lbs.	Double sheave swivel eye block
02048	02048P	3/16"	600 lbs.	Single sheave swivel eye block
02048-2	02048-2P	3/16"	600 lbs.	Double sheave swivel eye block
02548	02548P	1/4"	685 lbs.	Single sheave swivel eye block
02548-2	02548-2P	1/4"	685 lbs.	Double sheave swivel eye block
03048	03048P	1/4"	800 lbs.	Single sheave swivel eye block
03048-2	03048-2P	1/4"	800 lbs.	Double sheave swivel eye block
03548	03548P	5/16"	1550 lbs.	Single sheave swivel eye block
03548-2	03548-2P	5/16"	1550 lbs.	Double sheave swivel eye block

Flat Blocks

single sheave

double sheave

PART NO. w/ Rivets	PART NO. w/ Removable Pin	MAXIMUM CABLE SIZE	SAFE WORK LOAD	DESCRIPTION
01558	01558P	3/16"	525 lbs.	Single sheave flat block
01558-2	01558-2P	3/16"	525 lbs.	Double sheave flat block
02058	02058P	3/16"	600 lbs.	Single sheave flat block
02058-2	02058-2P	3/16"	600 lbs.	Double sheave flat block
02558	02558P	1/4"	685 lbs.	Single sheave flat block
02558-2	02558-2P	1/4"	685 lbs.	Double sheave flat block
03058	03058P	1/4"	800 lbs.	Single sheave flat block
03058-2	03058-2P	1/4"	800 lbs.	Double sheave flat block
03558	03558P	5/16"	1550 lbs.	Single sheave flat block
03558-2	03558-2P	5/16"	1550 lbs.	Double sheave flat block

Blocks are normally assembled with rivets. However, blocks with a removable pin and hairpin are also available.

Fixed Eye Blocks

single sheave

double sheave

PART NO. w/ Rivets	PART NO. w/ Removable Pin	MAXIMUM CABLE SIZE	SAFE WORK LOAD	DESCRIPTION
01568	01568P	3/16"	525 lbs.	Single sheave fixed eye block
01568-2	01568-2P	3/16"	525 lbs.	Double sheave fixed eye block
02068	02068P	3/16"	600 lbs.	Single sheave fixed eye block
02068-2	02068-2P	3/16"	600 lbs.	Double sheave fixed eye block
02568	02568P	1/4"	685 lbs.	Single sheave fixed eye block
02568-2	02568-2P	1/4"	685 lbs.	Double sheave fixed eye block
03068	03068P	1/4"	800 lbs.	Single sheave fixed eye block
03068-2	03068-2P	1/4"	800 lbs.	Double sheave fixed eye block
03568	03568P	5/16"	1550 lbs.	Single sheave fixed eye block
03568-2	03568-2P	5/16"	1550 lbs.	Double sheave fixed eye block

Swivel Hook Blocks

single sheave

double sheave

PART NO. w/ Rivets	PART NO. w/ Removable Pin	MAXIMUM CABLE SIZE	SAFE WORK LOAD	DESCRIPTION
01578	01578P	3/16"	525 lbs.	Single sheave swivel hook block
01578-2	01578-2P	3/16"	525 lbs.	Double sheave swivel hook block
02078	02078P	3/16"	600 lbs.	Single sheave swivel hook block
02078-2	02078-2P	3/16"	600 lbs.	Double sheave swivel hook block
02578	02578P	1/4"	685 lbs.	Single sheave swivel hook block
02578-2	02578-2P	1/4"	685 lbs.	Double sheave swivel hook block
03078	03078P	1/4"	800 lbs.	Single sheave swivel hook block
03078-2	03078-2P	1/4"	800 lbs.	Double sheave swivel hook block
03578	03578P	5/16"	1550 lbs.	Single sheave swivel hook block
03578-2	03578-2P	5/16"	1550 lbs.	Double sheave swivel hook block

Pulleys

DIE CAST ALUMINUM PULLEYS

Single groove for "A" belts. Supplied with set screws.

PART NO.	O.D. x BORE
55400	1-1/2" x 1/2"
55401	1-1/2" x 5/8"
55402	2" x 1/2"
55403	2" x 5/8"
55404	2" x 3/4"
55405	2-1/4" x 1/2"
55406	2-1/4" x 5/8"
55407	2-1/4" x 3/4"
55408	2-1/2" x 1/2"
55409	2-1/2" x 5/8"
55410	2-1/2" x 3/4"
55411	3" x 1/2"
55412	3" x 5/8"
55413	3" x 3/4"
55414	3-1/2" x 1/2"
55415	3-1/2" x 5/8"
55416	3-1/2" x 3/4"
55417	4" x 1/2"
55418	4" x 5/8"

PART NO.	O.D. x BORE
55419	4" x 3/4"
55420	4-1/2" x 1/2"
55421	4-1/2" x 5/8"
55422	4-1/2" x 3/4"
55423	5" x 1/2"
55424	5" x 5/8"
55425	5" x 3/4"
55426	6" x 1/2"
55427	6" x 5/8"
55428	6" x 3/4"
55429	7" x 1/2"
55430	7" x 5/8"
55431	7" x 3/4"
55434	8" x 3/4"

VARIABLE SPEED PULLEYS

For "A" and "B" belts. Opening the pulley increases the speed at which it turns. Supplied with set screws.

PART NO.	O.D. x BORE
55490	3-1/4" x 1/2"
55491	3-1/4" x 5/8"
55492	3-1/4" x 3/4"

DIE CAST AWNING PULLEYS

•Single fixed.

PART NO.	DIAMETER	FITS ROPE DIA.	S.W.L.L.*
55900	3/4"	3/16"	65 lbs.
55901	1"	1/4"	110 lbs.
55902	1-1/4"	5/16"	165 lbs.
55903	1-1/2"	5/16"	220 lbs.
55904	2"	3/8"	330 lbs.

DIE CAST AWNING PULLEYS

•Double fixed.

PART NO.	DIAMETER	FITS ROPE DIA.	S.W.L.L.*
55906	3/4"	3/16"	65 lbs.
55907	1"	1/4"	110 lbs.
55908	1-1/2"	5/16"	220 lbs.
55909	2"	7/16"	330 lbs.

DIE CAST AWNING PULLEYS

•Single swivel.

PART NO.	DIAMETER	FITS ROPE DIA.	S.W.L.L.*
55915	3/4"	3/16"	65 lbs.
55916	1"	1/4"	110 lbs.
55917	1-1/4"	5/16"	165 lbs.
55918	1-1/2"	5/16"	220 lbs.
55919	2"	7/16"	330 lbs.

DIE CAST AWNING PULLEYS

•Double swivel.

PART NO.	DIAMETER	FITS ROPE DIA.	S.W.L.L.*
55925	3/4"	3/16"	65 lbs.
55926	1"	1/4"	110 lbs.
55927	1-1/4"	5/16"	165 lbs.
55928	1-1/2"	7/16"	220 lbs.

*Never exceed the S.W.L.L. (Safe Working Load Limit)

Steel Pulley Blocks

PART NO.	TYPE	OVERALL LENGTH	PULLEY DIA.	MAX. ROPE DIA.	EYE OPENING
55800	Swivel	3-1/2"	1-1/2"	3/8"	3/8"
55801	Swivel	4"	2"	3/8"	3/8"
55802	Swivel	4-1/2"	2-1/2"	3/8"	3/8"
55803	Swivel	5"	3"	3/8"	3/8"
55810	Fixed	3-1/4"	1-1/2"	3/8"	1/2"
55811	Fixed	3-3/4"	2"	3/8"	1/2"
55812	Fixed	4-1/4"	2-1/2"	3/8"	1/2"
55813	Fixed	4-3/4"	3"	3/8"	3/4"
55830	Swivel with hooks	5"	1-1/2"	3/8"	5/8"
55831	Swivel with hooks	5-1/2"	2"	3/8"	5/8"
55832	Swivel with hooks	6"	2-1/2"	3/8"	5/8"
55833	Swivel with hooks	6-1/2"	3"	3/8"	5/8"

55800

55810

55830

CABLE
Swagers & Cutters

BENCH SWAGER
Bench swager, multi-compression jaws swage 1/16" and 3/16" oval and stop sleeves. 22½" long x 6¼" high.
Part No. 1-BSC.

PRECISION CABLE CUTTER
Capacity 3/16" and smaller. Triangular jaws never leave a frayed end. Length 8".
Part No. C-7.

PRECISION CABLE CUTTER
Cuts 1/4" steel cable. Length 13".
Part No. C-9.

PRECISION CABLE CUTTER
Capacity 3/8" and smaller. Length 19".
Part No. C-12.

DYNALINE
Chain & Cable Tools

TIRE CHAIN PLIER
Opens and closes chain hardware easily. Steel handles with rubber hand grips. Alloy steel jaws. 32½" overall length.
Part No. 68100.

HAND SWAGER
For installing 1/16" to 3/16" aluminum or copper ferrules and stops. Heat treated alloy jaws. 26" overall length.
Part No. 77100.

CABLE CUTTERS
Aluminum drop forged handles and heat treated blades. For up to 3/16" diameter cutting capacity. 7½" overall length.
Part No. 77107.

CABLE CUTTERS
Aluminum drop forged handles and heat treated blades. For up to 5/8" diameter cutting capacity. 23" overall length.
Part No. 77116.

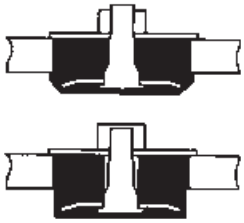
DYNALINE

DOCAP

E-Z Seal Expansion Plugs

•Can be used in all climates •Specially compounded neoprene rubber resists heat, oil, coolants, and rust inhibitors
•Expands up to 1/8" to seal against irregularities

PART NO.	SIZE
510-200	3/4"
510-201	7/8"
510-202	1"
510-203	1-1/8"
510-204	1-1/4"
510-205	1-3/8"
510-206	1-1/2"
510-207	1-5/8"
510-208	1-3/4"
510-209	1-7/8"
510-210	2"
510-211	2-1/8"
510-212	2-1/4"



MOELLER

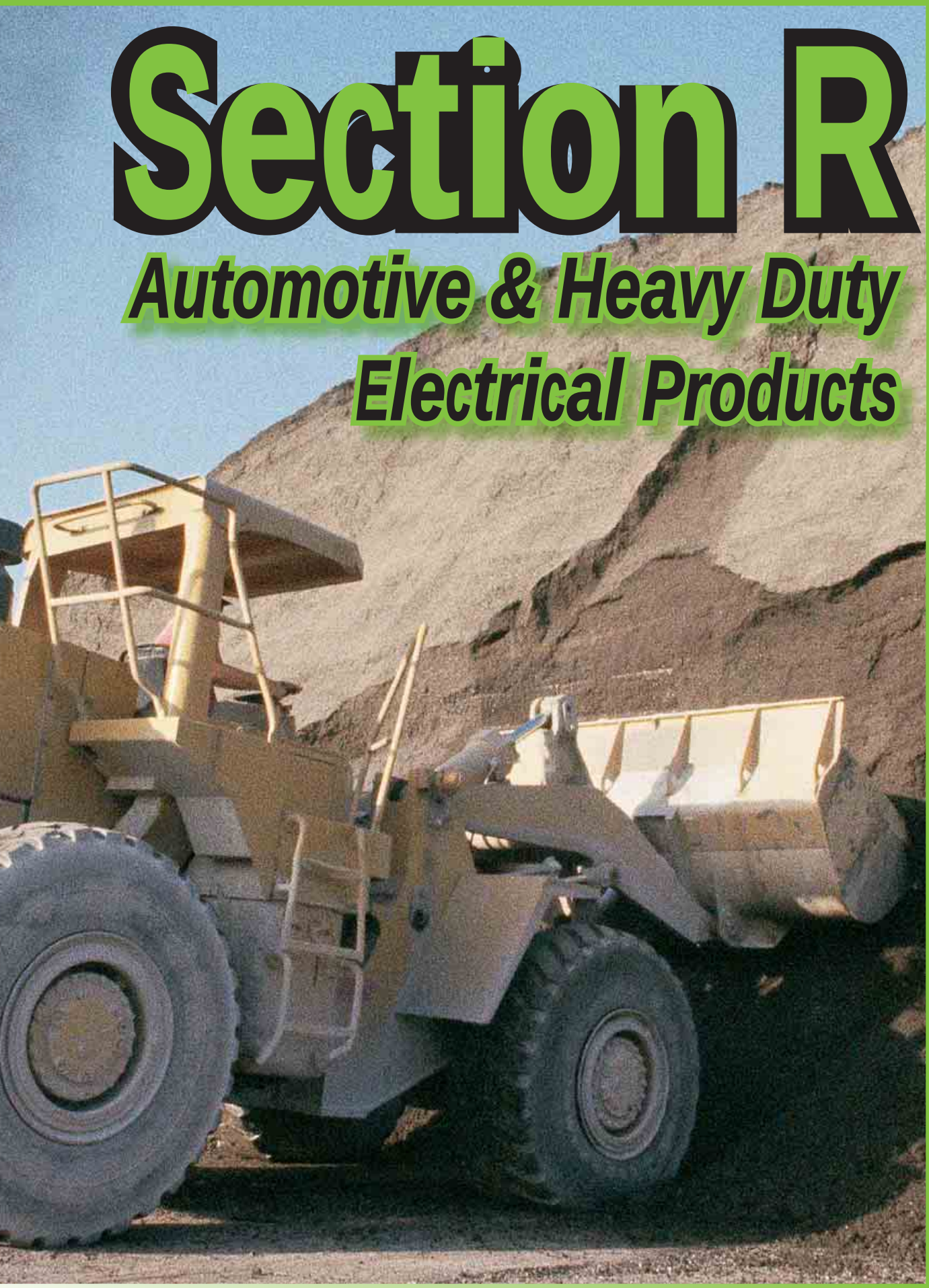
Oil Filler Caps

Moeller adjustable oil filler caps create a positive seal that cannot be bounced or jarred loose. Due to the patented closure principle, this tight seal virtually locks out dirt, dust, and other engine-killing foreign matter. Available in a variety of standard sizes.

Part No. 23-40733, Oil filler cap, 1-7/8" Caterpillar.
Part No. 23-40855, Oil filler cap, 2-3/8" Caterpillar.
Part No. 23-44004, Oil filler cap, 2" Allis Chalmers/Bucyrus/Case/Cummins/Greyhound/Freightliner/Mack/Motor Coach/Paccar/Volvo/Western Star.
Part No. 23-44027, Oil filler cap, 1-3/4" Allis Chalmers/Detroit/Taylor.
Part No. 23-44050, Oil filler cap, 1-1/4" Case/Cat/Cummins/Ford New Holland/GMC/Deere/KW/Massey Ferguson/International/Paccar.
Part No. 23-44052, Oil filler cap, 2-1/2" John Deere.
Part No. 23-44098, Oil filler cap, 2" Allis/Case/Cat/Cummins/Detroit/Greyhound/Freightliner/Hercules/KW/Komatsu/Mack/International/Peterbilt/Ray-Go/Taylor/Terex/Volvo/Wabco/Western Star.
Part No. 23-44141, Oil filler cap, 1" Case/Cat/Clark/Detroit/Greyhound/Motor Coach/Oshkosh/Terex/Wabco.
Part No. 23-44165, Oil filler cap, 1-1/2" Allis/Case/Cat/Chrysler/Cummins/Detroit/Freightliner/GMC/Deere/KW/International/Peterbilt/Volvo/Waukesha/Western Star.
Part No. 23-44209, Oil filler cap, 1-3/8" Allis/Case/Cat/Freightliner/Hercules/Komatsu/International/Rexnord/Volvo.
Part No. 23-44401, Oil filler cap, 1-5/8" John Deere.
Part No. 23-44402, Oil filler cap, 2-1/4" Allis/Cummins/Greyhound/Warner-Swasey/Waukesha.

Section R

Automotive & Heavy Duty Electrical Products



CELEBRATING 40 YEARS
40
1968
Gregg
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TECHSPAN IND. INC.

PVC Insulated Terminals & Connectors

PVC INSULATED TERMINALS & CONNECTORS

•Feature a rigid insulation sleeve of polyvinyl chloride (PVC) •Sleeves are permanently affixed to the conductive barrel, providing quick crimping •The tough plastic sleeve protects against vibration damage by preventing wire flex at the crimp point

*HEAVY DUTY INSULATED TERMINALS

•Material thickness on heavy duty terminals is considerably greater than on standard duty terminals •Heavy duty terminals are employed where a constant, heavy vibration is a factor, as in off-the-road equipment, mining, and farming machinery.

Ring Terminal
Ref. #1 - #7

Spade Terminal
Ref. #8, #9, #10

Spade Flange Terminal
Ref. #11, #12

Hook Terminal
Ref. #13, #14

3-Way Splicer
Ref. #15

4-Way Splicer
Ref. #16

Butt Connector
Ref. #17

Parallel Connector
Ref. #18

Step Down Butt Connector
Ref. #19

Terminals	
Ref. #	Stud Size
1	4-6
2	6-8
3	8-10
4	12-1/4"
5	5/16"
6	3/8"
7	7/16" - 1/2"
8	4-6
9	8-10
10	8-10
11	4-6
12	8-10
13	4-6
14	8-10

Stud Size Ref. #	Wire Ga. 22-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.	Wire Ga. 8	Pack Qty.	Wire Ga. 6	Pack Qty.
1	76-1000EA	1	76-1016EA	1	76-1032EA	1				
1	76-1000PK	100	69-1016PK	11	76-1032PK	50				
1	76-1000MPK	1000	76-1016PK	100	76-1032MPK	1000				
1			76-1016MPK	1000						
2			76-1018EA	1						
2			69-1018PK	11						
2			76-1018PK	100						
2			76-1018MPK	1000						
3	76-1003EA	1	76-1019EA	1	76-1034EA	1				
3	69-1003PK	11	69-1019PK	10	69-1034PK	7				
3	76-1003PK	100	76-1019PK	100	76-1034PK	50				
3	76-1003MPK	1000	76-1019MPK	1000	76-1034MPK	1000				
3*			76-1297EA	1						
3*			76-1297PK	50						
3*			76-1297MPK	1000						
4	76-1004EA	1	76-1020EA	1	76-1035EA	1	76-1600EA	1	76-1610EA	1
4	76-1004PK	100	69-1020PK	9	69-1035PK	6	76-1600PK	25	76-1610PK	25
4	76-1004MPK	1000	76-1020PK	100	76-1035PK	50	76-1600MPK	1000	76-1610MPK	1000
4			76-1020MPK	1000	76-1035MPK	1000				
4*			76-1298EA	1						
4*			76-1298PK	50						
4*			76-1298MPK	1000						
5							76-1602EA	1	76-1612EA	1
5							76-1602PK	25	76-1612PK	25
5							76-1602MPK	1000	76-1612MPK	1000
6	76-1006EA	1	76-1022EA	1	76-1037EA	1	76-1601EA	1	76-1611EA	1
6	76-1006PK	100	69-1022PK	7	69-1037PK	6	76-1601PK	25	76-1611PK	25
6	76-1006MPK	1000	76-1022PK	50	76-1037PK	50	76-1601MPK	1000	76-1611MPK	1000
6			76-1022MPK	1000	76-1037MPK	1000				
6*			76-1299EA	1						
6*			76-1299PK	50						
6*			76-1299MPK	1000						
7					76-1038EA	1			76-1023EA	1
7					69-1038PK	6			76-1023PK	25
7					76-1038PK	25			76-1023MPK	1000
7					76-1038MPK	1000				
7*			76-1304EA	1						
7*			76-1304PK	25						
7*			76-1304MPK	1000						
8	76-1048EA	1	76-1061EA	1	76-1074EA	1				
8	76-1048PK	100	76-1061PK	100	76-1074PK	50				
8	76-1048MPK	1000	76-1061MPK	1000	76-1074MPK	1000				
9	76-1050EA	1	76-1063EA	1	76-1076EA	1				
9	76-1050PK	100	69-1063PK	9	69-1076PK	7				
9	76-1050MPK	1000	76-1063PK	100	76-1076PK	50				
9			76-1063MPK	1000	76-1076MPK	1000				
10*			76-1301EA	1						
10*			76-1301PK	50						
10*			76-1301MPK	1000						
11	76-1316EA	1	76-1326EA	1						
11	76-1316PK	100	76-1326PK	100						
11	76-1316MPK	1000	76-1326MPK	1000						
12	76-1318EA	1	76-1328EA	1	76-1336EA	1				
12	76-1318PK	100	76-1328PK	100	76-1336PK	50				
12	76-1318MPK	1000	76-1328MPK	1000	76-1336MPK	1000				
13			76-1200EA	1	76-1213EA	1				
13			76-1200PK	100	76-1213PK	100				
13			76-1200MPK	1000	76-1213MPK	1000				
14	76-1199EA	1	76-1202EA	1	76-1215EA	1				
14	76-1199PK	100	76-1202PK	100	76-1215PK	100				
14	76-1199MPK	1000	76-1202MPK	1000	76-1215MPK	1000				
15			76-1281EA	1	76-1286EA	1				
15			69-1281PK	3	76-1286PK	25				
15			76-1281PK	25	76-1286MPK	1000				
15			76-1281MPK	1000						
16			76-1282EA	1	76-1287EA	1				
16			76-1282PK	25	76-1287PK	25				
16			76-1282MPK	1000	76-1287MPK	1000				
17	76-1231EA	1	76-1232EA	1	76-1233EA	1	76-1469EA	1		
17	69-1231PK	11	69-1232PK	10	69-1233PK	7	76-1469PK	25		
17	76-1231PK	100	76-1232PK	100	76-1233PK	50	76-1469MPK	1000		
17	76-1231MPK	1000	76-1232MPK	1000	76-1233MPK	1000				
18			76-1242EA	1	76-1243EA	1				
18			76-1242PK	100	76-1243PK	50				
18			76-1242MPK	1000	76-1243MPK	1000				

Ref. #	Wire Ga. 24-18	Pack Qty.	Wire Ga. 20-14	Pack Qty.	Wire Ga. 16-10	Pack Qty.	Wire Ga. 12-8	Pack Qty.
19	76-1717EA	1	76-1718EA	1	76-1719EA	1	76-1720EA	1
19	76-1717PK	25	76-1718PK	25	76-1719PK	25	76-1720PK	25
19	76-1717BPK	500	76-1718BPK	500	76-1719BPK	500	76-1720BPK	500

TECHSPAN AUTOMOTIVE

PVC Insulated Terminals & Connectors

Ref. #	Wire Ga. 22-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.
19	76-1247EA	1	76-1251EA	1		
19	76-1247PK	100	69-1251PK	8		
19	76-1247MPK	1000	76-1251PK	100		
19			76-1251MPK	1000		
20	76-1249EA	1	76-1256EA	1		
20	76-1249PK	100	69-1256PK	7		
20	76-1249MPK	1000	76-1256PK	100		
20			76-1256MPK	1000		
21	76-1248EA	1	76-1289EA	1		
21	76-1248PK	100	69-1289PK	8		
21	76-1248MPK	1000	76-1289PK	100		
21			76-1289MPK	1000		
22	76-1250EA	1	76-1662EA	1		
22	76-1250PK	100	76-1662PK	50		
22	76-1250MPK	1000	76-1662MPK	1000		
23			76-1261EA	1		
23			69-1261PK	5		
23			76-1261PK	25		
23			76-1261MPK	1000		
24			76-1661EA	1		
24			76-1661PK	25		
24			76-1661MPK	1000		
25			69-1288PK	2		
26	76-1352EA	1	76-1355EA	1	76-2093EA	1
26	76-1352PK	100	69-1355PK	11	69-2093PK	6
26	76-1352MPK	1000	76-1355PK	100	76-2093PK	25
26			76-1355MPK	1000	76-2093MPK	1000
27	76-1351EA	1	76-1356EA	1	76-2115EA	1
27	76-1351PK	100	69-1356PK	10	69-2115PK	7
27	76-1351MPK	1000	76-1356PK	100	76-2115PK	25
27			76-1356MPK	1000	76-2115MPK	1000
28	76-2415EA	1	76-2416EA	1		
28	76-2415PK	100	76-2416PK	100		
28	76-2415MPK	1000	76-2416MPK	1000		
29					76-1369EA	1
29					76-1369PK	25
29					76-1369MPK	1000
30			76-4103EA	1		
30			76-4103PK	10		
30			76-4103BPK	500		
31			76-1234EA	1		
31			76-1234PK	25		
31			76-1234MPK	1000		
32	76-1370EA	1	76-1371EA	1	76-1372EA	1
32	76-1370PK	25	69-1371PK	3	69-1372PK	2
32	76-1370BPK	500	76-1371PK	25	76-1372PK	10
32			76-1371BPK	500	76-1372BPK	200
32A			76-1375EA	1		
32A			76-1375PK	25		
32A			76-1375BPK	500		
33	76-2418EA	1	76-2419EA	1	76-2417EA	1
33	76-2418PK	100	76-2419PK	100	76-2417PK	100
33	76-2418MPK	1000	76-2419MPK	1000	76-2417MPK	1000

PVC INSULATED TERMINALS & CONNECTORS

•Feature a rigid insulation sleeve of polyvinyl chloride (PVC) •Sleeves are permanently affixed to the conductive barrel, providing quick crimping •The tough plastic sleeve protects against vibration damage by preventing wire flex at the crimp point

Male Snap Plug
Ref. #19 .156" (4.0 mm)
Ref. #20 .180" (4.6 mm)

Female Snap Plug
Ref. #21 .156" (4.0 mm)
Ref. #22 .180" (4.6 mm)

Female Snap Plug Receptacle (joins two plugs)
Ref. #23 .156" (4.0 mm)
Ref. #24 .180" (4.6 mm)

T-Tap Connector
Ref. #25 .156" (4.0 mm)

Slide Connector Female
Ref. #26

Slide Connector Male
Ref. #27

Slide Connector Piggy Back
Ref. #28

Double Male Quick Disconnect
Ref. #29

Instant Connector -
Self-Stripping In-Line Fuseholder
Ref. #30

Instant Connector -
Female T-Tap Quick Slide
Ref. #31

Instant Connector - Tap Splice
Ref. #32

Moisture Resistant Tap Connector, Gel Filled
Ref. #32A

Pin Terminal
Ref. #33

Nylon Insulated Terminals & Connectors

Ref. #	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.
1	76-1486EA	1		
1	76-1486PK	100		
1	76-1486MPK	1000		
2	76-1488EA	1	76-1502EA	1
2	76-1488PK	100	76-1502PK	50
2	76-1488MPK	1000	76-1502MPK	1000
3	76-1489EA	1	76-1503EA	1
3	76-1489PK	100	76-1503PK	50
3	76-1489MPK	1000	76-1503MPK	1000
4	76-1490EA	1	76-1504EA	1
4	76-1490PK	50	76-1504PK	50
4	76-1490MPK	1000	76-1504MPK	1000
5			76-1505EA	1
5			76-1505PK	25
5			76-1505MPK	1000
6	76-1518EA	1		
6	76-1518PK	50		
6	76-1518MPK	1000		
7	76-1519EA	1		
7	76-1519PK	50		
7	76-1519MPK	1000		
8	76-1492EA	1	76-1507EA	1
8	76-1492PK	100	76-1507PK	50
8	76-1492MPK	1000	76-1507MPK	1000

NYLON TERMINALS

•Feature: tin plated annealed copper construction are specifically designed for heavy duty applications where both high temperatures and vibration levels are encountered •Nylon sleeves offer maximum crimp strength •Operating temperatures are -55°C to 105°C (-67°F to 221°F).

Terminals	
Ref. #	Stud Size
1	4-6
2	8-10
3	12-1/4"
4	5/16" -3/8"
5	7/16" - 1/2"
6	1/4" HD
7	3/8" HD
8	8-10

Ring Terminal
Ref. #1 - #7

Spade Terminal
Ref. #8

TECHSPAN AUTOMOTIVE

TECHSPAN IND. INC.

Nylon Insulated Terminals & Connectors

NYLON TERMINALS

•Feature: tin plated annealed copper construction are specifically designed for heavy duty applications where both high temperatures and vibration levels are encountered •Nylon sleeves offer maximum crimp strength •Operating temperatures are -55°C to 105°C (-67°F to 221°F).

3-Way Splicer
Ref. #9

Butt Connector
Ref. #10

Fully Insulated Slide Connector Male
Ref. #11

Fully Insulated Slide Connector Female
Ref. #12

Slide Connector Female
Ref. #13

Slide Connector Male
Ref. #14

90° Flag Slide Connector Female
Ref. #15

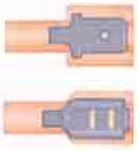
Closed End Connectors
Ref. #16

Ref. #	Wire Ga. 22-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.	Wire Ga. 8	Pack Qty.
9			76-1499EA	1				
9			76-1499PK	25				
9			76-1499MPK	1000				
10			76-1498EA	1	76-1513EA	1		
10			76-1498PK	100	76-1513PK	50		
10			76-1498MPK	1000	76-1513MPK	1000		
12	76-1354EA	1	76-1357EA	1	76-1623EA	1		
12	76-1354PK	50	69-1357PK	5	76-1623PK	50		
12	76-1354MPK	1000	76-1357PK	50	76-1623MPK	1000		
12			76-1357MPK	1000				
11	76-1353EA	1	76-1358EA	1	76-1621EA	1		
11	76-1353PK	50	69-1358PK	5	76-1621PK	50		
11	76-1353MPK	1000	76-1358PK	50	76-1621MPK	1000		
11			76-1358MPK	1000				
13			76-1444EA	1				
13			76-1444PK	100				
13			76-1444MPK	1000				
14			76-1445EA	1				
14			76-1445PK	100				
14			76-1445MPK	1000				
15	76-2407EA	1	76-2408EA	1	76-2409EA	1		
15	76-2407PK	100	76-2408PK	100	76-2409PK	100		
15	76-2407MPK	1000	76-2408MPK	1000	76-2409MPK	1000		
			Wire Ga. 22-14		Wire Ga. 16-10			
16			76-1291EA	1	76-1292EA	1	76-1305EA	1
16			76-1291PK	100	69-1292PK	8	76-1305PK	25
16			76-1291MPK	1000	76-1292PK	50	76-1305MPK	1000
16					76-1292MPK	1000		

Narrow Tab Disconnects

FULLY INSULATED DISCONNECTS

Part No.	Description	Pack Qty.
76-1320EA	Male 22-18 GA .187" TAB	1
76-1320PK	Male 22-18 GA .187" TAB	100
76-1321EA	Female 22-18 GA .187" TAB	1
76-1321PK	Female 22-18 GA .187" TAB	100
76-1322EA	Male 16-14 GA .187" TAB	1
76-1322PK	Male 16-14 GA .187" TAB	100
76-1323EA	Female 16-14 GA .187" TAB	1
76-1323PK	Female 16-14 GA .187" TAB	100



FLAG DISCONNECTS HI-TEMPERATURE

Part No.	Description	Pack Qty.
76-1740EA	Female 16-14 GA .250" TAB	1
76-1740PK	Female 16-14 GA .250" TAB	100

PVC-INSUALTED DISCONNECTS

Part No.	Description	Pack Qty.
56-1378EA	Male 22-18 GA .110" TAB	1
56-1378PK	Male 22-18 GA .110" TAB	100
56-1378DPK	Male 22-18 GA .110" TAB	500
56-1382EA	Male 22-18 GA .187" TAB	1
56-1382PK	Male 22-18 GA .187" TAB	100
56-1382DPK	Male 22-18 GA .187" TAB	500
56-1391EA	Male 16-14 GA .110" TAB	1
56-1391PK	Male 16-14 GA .110" TAB	100
56-1391DPK	Male 16-14 GA .110" TAB	500
56-1388EA	Male 16-14 GA .187" TAB	1
56-1388PK	Male 16-14 GA .187" TAB	100
56-1388DPK	Male 16-14 GA .187" TAB	500
56-1377EA	Female 22-18 GA .110" TAB	1
56-1377PK	Female 22-18 GA .110" TAB	100
56-1377DPK	Female 22-18 GA .110" TAB	500
56-1381EA	Female 22-18 GA .187" TAB	1
56-1381PK	Female 22-18 GA .187" TAB	100
56-1381DPK	Female 22-18 GA .187" TAB	500
56-1396EA	Female 16-14 GA .110" TAB	1
56-1396PK	Female 16-14 GA .110" TAB	100
56-1396DPK	Female 16-14 GA .110" TAB	500
56-1387EA	Female 16-14 GA .187" TAB	1
56-1387PK	Female 16-14 GA .187" TAB	100

NON-INSULATED DISCONNECTS

Part No.	Description	Pack Qty.
76-2033EA	Male 16-14 GA .187" TAB	1
76-2033PK	Male 16-14 GA .187" TAB	100
76-2026EA	Female 22-18 GA .110" TAB	1
76-2026PK	Female 22-18 GA .110" TAB	100
76-2028EA	Female 22-18 GA .187" TAB	1
76-2028PK	Female 22-18 GA .187" TAB	100
76-2032EA	Female 16-14 GA .110" TAB	1
76-2032PK	Female 16-14 GA .110" TAB	100
76-2034EA	Female 16-14 GA .187" TAB	1
76-2034PK	Female 16-14 GA .187" TAB	100

TECHSPAN AUTOMOTIVE

Heat Shrinkable Terminals & Connectors

Ref. #	Wire Ga. 22-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.
1			76-1648EA	1		
1			76-1648PK	25		
1			76-1648BPK	500		
2			76-1649EA	1	76-1652EA	1
2			76-1649PK	25	76-1652PK	25
2			76-1649BPK	500	76-1652BPK	500
3			76-1650EA	1	76-1653EA	1
3			76-1650PK	25	76-1653PK	25
3			76-1650BPK	500	76-1653BPK	500
4			76-1651EA	1	76-1654EA	1
4			76-1651PK	25	76-1654PK	25
4			76-1651BPK	500	76-1654BPK	500
5			76-1655EA	1	76-1658EA	1
5			76-1655PK	25	76-1658PK	25
5			76-1655BPK	500	76-1658BPK	500
6			76-1656EA	1	76-1657EA	1
6			76-1656PK	25	76-1657PK	25
6			76-1656BPK	500	76-1657BPK	500
7	76-1244EA	1	76-1245EA	1	76-1246EA	1
7	76-1244PK	25	76-1245PK	25	76-1246PK	25
7	76-1244BPK	500	76-1245BPK	500	76-1246BPK	500
8			76-1659EA	1		
8			76-1659PK	25		
8			76-1659BPK	500		
9			76-1660EA	1		
9			76-1660PK	25		
9			76-1660BPK	500		

HEAT SHRINKABLE TERMINALS & CONNECTORS

•Protect connections against moisture and corrosion •Single crimp •Crimp the terminal then heat shrink the insulation •A time saving product.

Terminals	
Ref. #	Stud Size
1	8
2	10
3	1/4"
4	3/8"

Ring Terminal
Ref. #1 - #4

Slide Connector Female
Ref. #5

Slide Connector
Male Ref. #6

Butt Splice Connector
Ref. #7

Bullet Connector Ref. #8

Female Snap Plug
Receptacle
Ref. #9

Solder Terminals & Connectors

Ref. #	Wire Ga. 20-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.
1	76-1674EA	1				
1	76-1674PK	25				
1	76-1674BPK	500				
2	76-1675EA	1	76-1678EA	1		
2	76-1675PK	25	76-1678PK	25		
2	76-1675BPK	500	76-1678BPK	500		
3	76-1676EA	1	76-1679EA	1	76-1682EA	1
3	76-1676PK	25	76-1679PK	25	76-1682PK	25
3	76-1676BPK	500	76-1679BPK	500	76-1682BPK	500
4	76-1677EA	1	76-1680EA	1	76-1683EA	1
4	76-1677PK	25	76-1680PK	25	76-1683PK	25
4	76-1677BPK	500	76-1680BPK	500	76-1683BPK	500
5			76-1681EA	1	76-1684EA	1
5			76-1681PK	25	76-1684PK	25
5			76-1681BPK	500	76-1684BPK	500
6					76-1685EA	1
6					76-1685PK	25
6					76-1685BPK	500
7	76-1686EA	1	76-1687EA	1	76-1688EA	1
7	76-1686PK	25	76-1687PK	25	76-1688PK	25
7	76-1686BPK	500	76-1687BPK	500	76-1688BPK	500
8	76-1689EA	1	76-1691EA	1	76-1693EA	1
8	76-1689PK	25	76-1691PK	25	76-1693PK	25
8	76-1689BPK	500	76-1691BPK	500	76-1693BPK	500
9	76-1690EA	1	76-1692EA	1	76-1694EA	1
9	76-1690PK	25	76-1692PK	25	76-1694PK	25
9	76-1690BPK	500	76-1692BPK	500	76-1694BPK	500

SOLDER TERMINALS

•Provide a completely soldered, strain-relieved and encapsulated termination •The heat shrink insulation seals the connection

Terminals	
Ref. #	Stud Size
1	4-6
2	6-8
3	8-10
4	12-1/4"
5	5/16" - 3/8"
6	7/16" - 1/2"
7	8-10

Ring Terminal
Ref. #1 - #6

Spade Terminal
Ref. #7

Slide Connector Female
Ref. #8

Slide Connector
Male Ref. #9

Butt Splice Connector
Ref. #10

Ref. #	Wire Ga. 24-22	Pack Qty.	Wire Ga. 20-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.
10	76-1670EA	1	76-1671EA	1	76-1672EA	1	76-1673EA	1
10	76-1670PK	25	76-1671PK	25	76-1672PK	25	76-1673PK	25
10	76-1670BPK	500	76-1671BPK	500	76-1672BPK	500	76-1673BPK	500

TECHSPAN AUTOMOTIVE

Crimp / Solder / Shrink Terminals & Connectors

Ref. #	Wire Ga. 20-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.
1			76-1754EA	1	76-1756EA	1
1			76-1754PK	25	76-1756PK	25
1			76-1754BPK	500	76-1756BPK	500
2			76-1755EA	1		
2			76-1755PK	25		
2			76-1755BPK	500		
3					76-1716EA	1
3					76-1716PK	25
3					76-1716BPK	500
4	76-1750EA	1	76-1751EA	1	76-1752EA	1
4	76-1750PK	25	76-1751PK	25	76-1752PK	25
4	76-1750BPK	500	76-1751BPK	500	76-1752BPK	500

Provides the ultimate electrical connection in three easy steps. Meets or exceeds the most stringent OEM standards.
- CRIMP •Mechanically reliable •Easy to install
- SOLDER •Additional strength •Better conductivity
- SHRINK •Durable insulation •Watertight connection •Transparent tubing for visual inspection
•Provides a seal against corrosion

Terminals	
Ref. #	Stud Size
1	10
2	1/4"
3	1/2"

Ring Terminal
Ref. #1 - #3

Butt Splice Connectors
Ref. #4

TECHSPAN IND. INC.

Non-Insulated Terminals & Connectors

NON-INSULATED TERMINALS

•Inexpensive and reliable connections •Tin-plated copper.

Terminals	
Ref. #	Stud Size
1	4-6
2	6-8
3	8-10
4	12-1/4"
5	5/16"
6	3/8"

Ring Terminal
Ref. #1 - #6

Butt Splice Connector
Ref. #7

Seamless Butt Splice
Connector Ref. #8

Slide Connector Female
Ref. #10

Flag Slide Connector
Ref. #11

Male/Female/Male Connector
Ref. #12

Female/Male/Male Connector
Ref. #13

Stud Size Ref. #	Wire Ga. 22-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.	Wire Ga. 8	Pack Qty.	Wire Ga. 6	Pack Qty.
1	76-2000EA	1	76-2004EA	1						
1	76-2000PK	50	76-2004PK	50						
1	76-2000MPK	1000	76-2004MPK	1000						
2	76-2001EA	1	76-2005EA	1	76-2008EA	1				
2	76-2001PK	50	76-2005PK	50	76-2008PK	50				
2	76-2001MPK	1000	76-2005MPK	1000	76-2008MPK	1000				
3	76-2002EA	1	76-2006EA	1	76-2009EA	1	76-2450EA	1	76-2454EA	1
3	76-2002PK	50	76-2006PK	50	76-2009PK	50	76-2450PK	25	76-2454PK	25
3	76-2002MPK	1000	76-2006MPK	1000	76-2009MPK	1000	76-2450MPK	1000	76-2454MPK	1000
4	76-2003EA	1	76-2007EA	1	76-2010EA	1	76-2453EA	1	76-2455EA	1
4	76-2003PK	50	76-2007PK	50	76-2010PK	50	76-2453PK	25	76-2455PK	25
4	76-2003MPK	1000	76-2007MPK	1000	76-2010MPK	1000	76-2453MPK	1000	76-2455MPK	1000
5					76-2011EA	1	76-2015EA	1	76-2019EA	1
5					76-2011PK	50	76-2015PK	25	76-2019PK	25
5					76-2011MPK	1000	76-2015MPK	1000	76-2019MPK	1000
6					76-2012EA	1	76-2016EA	1	76-2020EA	1
6					76-2012PK	50	76-2016PK	25	76-2020PK	25
6					76-2012MPK	1000	76-2016MPK	1000	76-2020MPK	1000
7	76-2401EA	1	76-2402EA	1	76-2403EA	1				
7	76-2401PK	100	76-2402PK	100	76-2403PK	100				
7	76-2401MPK	1000	76-2402MPK	1000	76-2403MPK	1000				
8	76-2404EA	1	76-2405EA	1	76-2406EA	1				
8	76-2404PK	100	76-2405PK	100	76-2406PK	100				
8	76-2404MPK	1000	76-2405MPK	1000	76-2406MPK	1000				
10	76-2412EA	1	76-2413EA	1	76-2414EA	1				
10	76-2412PK	100	76-2413PK	100	76-2414PK	100				
10	76-2412MPK	1000	76-2413MPK	1000	76-2414MPK	1000				
11	76-2410EA	1	76-2411EA	1						
11	76-2410PK	100	76-2411PK	100						
11	76-2410MPK	1000	76-2411MPK	1000						
12			76-2098EA	1						
12			76-2098PK	25						
12			76-2098MPK	1000						
13			76-2373EA	1						
13			76-2373PK	25						
13			76-2373MPK	1000						

High-Temperature Nickel-Plated Terminals

HIGH-TEMPERATURE NICKEL-PLATED TERMINALS

•Nickel-plated steel terminals •Maximum temperature of 900°F •For appliances and high heat applications

Terminals	
Ref. #	Stud Size
1	4-6
3	8-10
4	12-1/4"

Ring Terminal
Ref. #1 - #4

Slide Connector Female
Ref. #10

Ref. #	Wire Ga. 22-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.
1	76-2431EA	1	76-2433EA	1		
1	76-2431PK	100	76-2433PK	100		
1	76-2431MPK	1000	76-2433MPK	1000		
3	76-2430EA	1	76-2432EA	1	76-2434EA	1
3	76-2430PK	100	76-2432PK	100	76-2434PK	100
3	76-2430MPK	1000	76-2432MPK	1000	76-2434MPK	1000
4					76-2435EA	1
4					76-2435PK	100
4					76-2435MPK	1000
10	76-2436EA	1	76-2437EA	1	76-2438EA	1
10	76-2436PK	100	76-2437PK	100	76-2438PK	100
10	76-2436MPK	1000	76-2437MPK	1000	76-2438MPK	1000

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TECHSPAN AUTOMOTIVE

Oem Terminals & Housings

GM 56 SERIES

•18-14 ga. •Insulates with housing #76-2137 •Mates with terminal #76-2138 and housing #76-2139 •OEM #2962987.
Part No. 76-2136EA.
Part No. 76-2136PK, 10 pak.

•18-14 ga. •Insulates terminal #76-2136 •Mates with housing #76-2139 •OEM #2962984.
Part No. 76-2137EA.
Part No. 76-2137PK, 10 pak.

•18-14 ga. •Insulates with housing #76-2139 •Mates with terminal #76-2136 and housing #76-2137 •OEM #2962447.
Part No. 76-2138EA.
Part No. 76-2138PK, 10 pak.

•Insulates terminal #76-2138 •Mates with housing #76-2137 •OEM #2962448.
Part No. 76-2139EA.
Part No. 76-2139PK, 10 pak.

•Alternator connector housing insulates two #76-2138 terminals GM cars and light trucks 1973 and newer •OEM #6294493.
Part No. 76-2140EA.
Part No. 76-2140PK, 10 pak.

GM PACK-CON SERIES

•16-14 ga. •Male tab connector •OEM #12020320.
Part No. 76-2141EA.
Part No. 76-2141PK, 10 pak.

•20-18 ga. •Female receptacle •OEM #12020346.
Part No. 76-2142EA.
Part No. 76-2142PK, 10 pak.

•20-18 ga. •Tin plated •OEM #6294511.
Part No. 76-2143EA.
Part No. 76-2143PK, 10 pak.

•16-14 ga. •Female receptacle •OEM #12020347.
Part No. 76-2144EA.
Part No. 76-2144PK, 10 pak.

•12-10 ga. •Tin plated •OEM #12033817.
Part No. 76-2145EA.
Part No. 76-2145PK, 10 pak.

•16-14 ga. •Tin plated •OEM #8905087.
Part No. 76-2146EA.
Part No. 76-2146PK, 10 pak.

•16-14 ga. •Female receptacle •OEM #12004996.
Part No. 76-2147EA.
Part No. 76-2147PK, 10 pak.

GM ELECTRONIC CONTROL MODULE TERMINAL

•20-18 ga.
•OEM #12089557.
Part No. 76-2148EA.
Part No. 76-2148PK, 10 pak.

•20-18 ga.
•OEM #12089649.
Part No. 76-2149EA.
Part No. 76-2149PK, 10 pak.

GM WEATHER PACK SERIES

•20-18 ga. •Tin plated brass, male •OEM #12089040.
Part No. 76-2150EA.
Part No. 76-2150PK, 10 pak.
Part No. 76-2150CPK, 100 pak.

•20-18 ga. •Tin plated brass, female •OEM #12089188.
Part No. 76-2151EA.
Part No. 76-2151PK, 10 pak.
Part No. 76-2151CPK, 100 pak.

•20-18 ga. •Silicone cable seals •Use with #76-2150 and #76-2151 •OEM #12015323.
Part No. 76-2152EA.
Part No. 76-2152PK, 10 pak.
Part No. 76-2152CPK, 100 pak.

•16-14 ga. •Use with #76-2153 and #76-2154 •OEM #12010293.
Part No. 76-2162EA.
Part No. 76-2162PK, 10 pak.
Part No. 76-2162CPK, 100 pak.

•16-14 ga. •Tin plated, mates with #76-2154 •OEM #12089305.
Part No. 76-2153EA.
Part No. 76-2153PK, 10 pak.
Part No. 76-2153CPK, 100 pak.

•16-14 ga. •Tin plated, mates with #76-2153 •OEM #12010182.
Part No. 76-2154EA.
Part No. 76-2154PK, 10 pak.
Part No. 76-2154CPK, 100 pak.

•Silicone cavity plug •Used to plug empty cavities in connector shell •OEM #12010300.
Part No. 76-2155EA.
Part No. 76-2155PK, 10 pak.

•Nylon single cavity for male terminals, mates with #76-2157 •OEM #12010996.
Part No. 76-2156EA.
Part No. 76-2156PK, 10 pak.

•Nylon single cavity for female terminals, mates with #76-2156 •OEM #12015791.
Part No. 76-2157EA.
Part No. 76-2157PK, 10 pak.

•Nylon double cavity for male terminals, mates with #76-2159 •OEM #12010973.
Part No. 76-2158EA.
Part No. 76-2158PK, 10 pak.
Part No. 76-2158CPK, 100 pak.

•Nylon double cavity for female terminals, mates with #76-2158 •OEM #12015792.
Part No. 76-2159EA.
Part No. 76-2159PK, 10 pak.
Part No. 76-2159CPK, 100 pak.

•Nylon triple cavity for male terminals, mates with #76-2161 •OEM #12010717.
Part No. 76-2160EA.
Part No. 76-2160PK, 10 pak.

•Nylon triple cavity for female terminals, mates with #76-2160 •OEM #12015793.
Part No. 76-2161EA.
Part No. 76-2161PK, 10 pak.

•Nylon four cavity for male terminals, mates with #76-2177 •OEM #12010974.
Part No. 76-2176EA.
Part No. 76-2176PK, 10 pak.

•Nylon four cavity for female terminals, mates with #76-2176 •OEM #12015797.
Part No. 76-2177EA.
Part No. 76-2177PK, 10 pak.

•Nylon six cavity for male terminals, mates with #76-2179 •OEM #12010975.
Part No. 76-2178EA.
Part No. 76-2178PK, 10 pak.

•Nylon six cavity for female terminals, mates with #76-2178 •OEM #12015799.
Part No. 76-2179EA.
Part No. 76-2179PK, 10 pak.

TECHSPAN IND. INC.
Oem Terminals & Housings

GM METRI-PACK SERIES 150

•20-18 ga. •Tin plated, mates with #76-2164 •OEM #12103881.
Part No. 76-2163EA.
Part No. 76-2163PK, 10 pak.

•20-18 ga. •Tin plated, mates with #76-2163 •OEM #12047581.
Part No. 76-2164EA.
Part No. 76-2164PK, 10 pak.

•20-18 ga. •Tin plated •OEM #12047767.
Part No. 76-2165EA.
Part No. 76-2165PK, 10 pak.

GM METRI-PACK SERIES 280

•18-14 ga. •Mates with #76-2167 •OEM #12020116.
Part No. 76-2166EA.
Part No. 76-2166PK, 10 pak.

•18-14 ga. •Mates with #76-2166 •OEM #12066214.
Part No. 76-2167EA.
Part No. 76-2167PK, 10 pak.

•20-18 ga. •Tin plated mates with #76-2169 •OEM #12034047.
Part No. 76-2168EA.
Part No. 76-2168PK, 10 pak.

•20-18 ga. •Tin plated mates with #76-2168 •OEM #12034046.
Part No. 76-2169EA.
Part No. 76-2169PK, 10 pak.

GM METRI-PACK SERIES 480

•16-14 ga. •Tin plated mates with #76-2171 •OEM #12020120.
Part No. 76-2170EA.
Part No. 76-2170PK, 10 pak.

•16-14 ga. •Tin plated mates with #76-2170 •OEM #12124304.
Part No. 76-2171EA.
Part No. 76-2171PK, 10 pak.

GM METRI-PACK SERIES 630

•16-14 ga. •Tin plated mates with #76-2172 •OEM #12020126.
Part No. 76-2182EA.
Part No. 76-2182PK, 10 pak.

•16-14 ga. •Tin plated •OEM #12015870.
Part No. 76-2172EA.
Part No. 76-2172PK, 10 pak.

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®TECHSPAN AUTOMOTIVE

GM MICRO-PACK TERMINALS

•12-10 ga. •Blue cable seal •OEM #12015193.
Part No. 76-2190EA.
Part No. 76-2190PK, 10 pak.
Part No. 76-2190CPK, 100 pak.

•16-14 ga. •Tin plated •OEM #12020758.
Part No. 76-2173EA.
Part No. 76-2173PK, 10 pak.

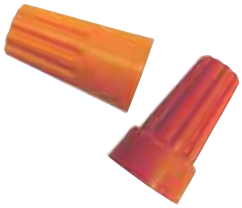
•22 ga. •Tin plated •OEM #12040902.
Part No. 76-2174EA.
Part No. 76-2174PK, 10 pak.

•12-10 ga. •Tin plated brass, male •OEM #12124587.
Part No. 76-2188EA.
Part No. 76-2188PK, 10 pak.
Part No. 76-2188CPK, 100 pak.

•12-10 ga. •Tin plated brass, female •OEM #12124581.
Part No. 76-2189EA.
Part No. 76-2189PK, 10 pak.
Part No. 76-2189CPK, 100 pak.

®TECHSPAN AUTOMOTIVE

Wire Connectors



WIRE CONNECTORS

•CSA approved electrical wire connectors •Twist on electrician style

Wire Ga. 24-14 ORANGE	Pack Qty.	Wire Ga. 22-10 YELLOW	Pack Qty.	Wire Ga. 18-8 RED	Pack Qty.
76-1697EA	1	76-1698EA	1	76-1699EA	1
76-1697PK	100	76-1698PK	100	76-1699PK	50

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TECHSPAN AUTOMOTIVE

Terminal & Connector Assortments

PVC TERMINAL ASSORTMENT IN METAL STORAGE BOX

•Heavy gauge metal storage box •Comes complete with 1440 terminals in 20 of the most popular numbers and a #692001EA crimping tool •Each part number is indexed on the reference chart for ease of identification and quick reorder
Part No. 76-3003EA.

KIT CONTENTS:

Part No.	Qty.	Part No.	Qty.	Part No.	Qty.
69-2001EA	1	76-1037EA	40	76-1292EA	50
76-1003EA	100	76-1063EA	100	76-1355EA	100
76-1018EA	100	76-1076EA	50	76-1356EA	100
76-1019EA	100	76-1231EA	100	76-1357EA	50
76-1020EA	100	76-1232EA	100	76-1358EA	50
76-1034EA	50	76-1233EA	50	76-1371EA	25
76-1035EA	50	76-1256EA	100	76-2093EA	25

PVC TERMINAL ASSORTMENT IN PLASTIC STORAGE BOX

•Comes complete with 150 terminals in 12 of the most popular numbers and the #692001EA crimping tool
Part No. 76-3000EA.

KIT CONTENTS:

Part No.	Qty.
69-2001EA	1
76-1003EA	10
76-1018EA	10
76-1019EA	15
76-1020EA	10
76-1050EA	10
76-1063EA	10
76-1202EA	10
76-1231EA	10
76-1232EA	15
76-1251EA	10
76-1355EA	20
76-1356EA	20

METAL STORAGE BOX

•Heavy gauge metal compartment storage box only (no terminals) as supplied with #76-3003EA assortments •Handy for making up your own assortments •12" x 9" x 2" high
Part No. 76-3004EA.

'FLIP-KITS' FOR EASY STORAGE OF ELECTRICAL ACCESSORIES

•Convenient - handle and latch allows for portability •Organized - keeps parts in their own compartments •Compatible - trays universal overall dimensions allow these trays to fit into most slider storage racks •Flexible - Compartments are adjustable to suit your requirements. Stores up to 32 items. Durable - High impact plastic construction means trays won't rust or dent

BLACK METAL RACK ONLY

Will hold 4 flip kits. Heavy duty steel construction with 4 slides. 20¾"W x 12½"L x 15"H.
Part No. 76-8188EA.

PLASTIC 'MAKE-IT-YOURSELF' ASSORTMENT TRAY.

Empty Tray with 32 adjustable compartments. Hi-impact plastic yellow in colour. 18"W x 12"L x 3"H.
Part No. 76-8189EA

1140 Pc. OEM TERMINAL FLIP KIT

•Terminal assortment containing GM OEM style terminals packed in handy storage tray (crimping tool not included)
Part No. 76-2187EA.

KIT CONTENTS:

Part No.	Qty.	Part No.	Qty.
76-1245EA	25		
76-2150EA	100		
76-2151EA	100	76-2161EA	10
76-2152EA	100	76-2162EA	100
76-2153EA	100	76-2176EA	10
76-2154EA	100	76-2177EA	10
76-2155EA	100	76-2178EA	5
76-2156EA	10	76-2179EA	5
76-2157EA	10	76-2188EA	100
76-2159EA	10	76-2190EA	100
76-2160EA	10		

1485 Pc. CABLE TIE FLIP KIT

•Black cable ties & cable tie mounts.
Part No. 76-2997EA.

751 Pc. PVC TERMINAL FLIP KIT

Contains PVC insulated terminals & connectors and a crimp tool.
Part No. 76-3008EA.

85 Pc. AUTOMOTIVE BATTERY ACCESSORIES FLIP KIT

Contains battery terminals, adapters, lugs & clips.
Part No. 76-3009EA.

78 Pc. HEAVY DUTY BATTERY ACCESSORIES FLIP KIT

Battery terminals, adapters, lugs & clips.
Part No. 76-3010EA.

416 Pc. AUTOMOTIVE ELECTRICAL REPAIR FLIP KIT

Contains wire, terminals, ties, tape, shrink tubing, tools, fuses.
Part No. 76-3011EA.

364 Pc. MARINE ELECTRICAL REPAIR FLIP KIT

Contains tinned wire & lugs, HS terminals & tubing, ties, terminals, fuses.
Part No. 76-3013EA.

219 Pc. HEAVY DUTY ELECTRICAL REPAIR FLIP KIT

Contains wire, terminals, ties, tape, shrink tubing, tools, fuses.
Part No. 76-3014EA.

327 Pc. FUSE FLIP KIT

Contains fuses, fuse holders & fuse pullers.
Part No. 76-6010EA.

147 Pc. SHRINK TUBING KIT

Contains 6" pcs of seal wall heat shrink tubing 1/8" to 1".
Part No. 76-9001EA.

TECHSPAN IND. INC.
Terminal & Connector Tools

4 IN 1 CRIMPER
•The crimper has 3 die sections to crimp the appropriate size terminal •The bolt cutter shears mild steel bolts •The wire cutter trims wire to required length •The wire stripper removes outer cable and insulation
Part No. 69-2001EA.

4 IN 1 CRIMPER
•This versatile tool crimps, cuts and strips wire •Precision-ground wire cutters •Four crimping dies for crimping: 22-14 and 12-10 ga.. insulated terminals, 22-10 ga. non-insulated terminals and 7-8 mm automotive ignition terminals •Five common size bolt cutters with threaded slots for firmly grip on bolts when cutting and can be used for rethreading •A precision-ground wire stripper and two wire looping slots round off this multi-purpose tool
Part No. 69-2006EA.

HEAVY DUTY CRIMPING TOOL
•Designed to crimp almost every type of terminal used in the automotive fleet, marine, industrial and electrical fields •Cuts and strips solid and stranded wire 22-10 ga. •Crimps uninsulated and insulated terminals, disconnects and splices •Applies "W" crimp to 7 mm and 8 mm straight of 90° spark plug and distributor terminals, split or solid barrel •Approx. 10-1/4" long
Part No. 76-1434EA.

RATCHET DOUBLE CRIMPING TOOL (ANGLED HEAD)
•Ratchet design ensures a consistent crimp every time •Double crimp dies are ideal for PVC and nylon insulated terminals •The first crimp secures the bare wire while the second crimp secures the wire insulation •Excellent in high vibration applications •Features an angled head that gets to hard to reach places •Handles most 22-10 ga. terminals
Part No. 76-1435EA.

Wire Stripping Tools

HEAVY DUTY WIRE STRIPPER WITH BUILT-IN CUTTER/ CRIMPER
•It strips ... 10-26 ga. wire without damaging the conductor •It cuts... It crimps... insulated and uninsulated terminals with ease •Made of strong, durable steel alloy with insulated plastic handle
Part No. 66-9967EA.

COMBINATION WIRE STRIPPER & CUTTER
•Wire stripping range: 20 - 10 AWG •Wire crimping range: maximum 10 AWG
Part No. 66-9968EA.

OEM Terminal Tools

WEATHER PACK TERMINAL EXTRACTOR TOOL
Designed for extracting weather pack terminals from their connector housing •Simply slide the hollow shaft of the tool over the terminal retention barbs, then pull the terminal out of its connector housing
Part No. 76-2183EA.

TERMINAL EXTRACTOR PICKS
Used to release most GM, Ford and Chrysler OEM terminals from their insulating housings •Not suitable for round, pin-type terminals
Part No. 76-2184EA, Narrow blade.
Part No. 76-2185EA, Wide blade.

PREMIUM OEM TERMINAL CRIMPING TOOL
Ratchet single stroke crimping tool with terminal locator tool •20 through 12 ga. •Holds terminal in place for a perfect crimp every time
Part No. 76-2186EA.

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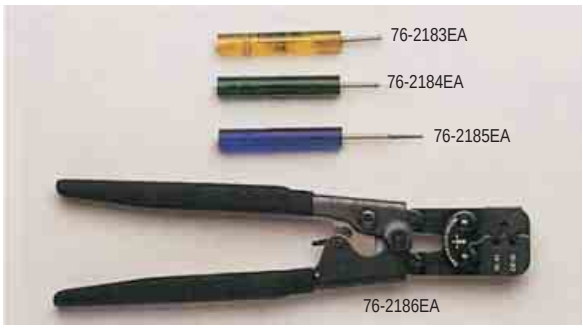
TECHSPAN AUTOMOTIVE



QUICK CABLE

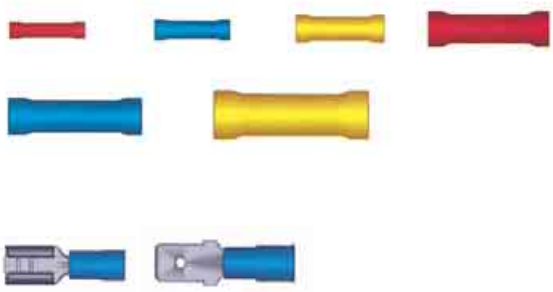
Solderless Ring Terminals

PART NO.	DESCRIPTION	STUD SIZE	WIRE RANGE
160203	Pack of 1000, blue vinyl insulated ring terminals	#8	16-14
160204	Pack of 1000, blue vinyl insulated ring terminals	#10	16-14
160205	Pack of 1000, blue vinyl insulated ring terminals	1/4"	16-14
160206	Pack of 1000, blue vinyl insulated ring terminals	5/16"	16-14
160207	Pack of 1000, blue vinyl insulated ring terminals	3/8"	16-14
160404	Pack of 1000, yellow vinyl insulated ring terminals	#10	12-10
160405	Pack of 1000, yellow vinyl insulated ring terminals	1/4"	12-10
160406	Pack of 1000, yellow vinyl insulated ring terminals	5/16"	12-10
160407	Pack of 1000, yellow vinyl insulated ring terminals	3/8"	12-10

QUICKCABLE
Your Best Connection

Connectors

PART NO.	DESCRIPTION	WIRE RANGE
BUTT CONNECTORS		
160180	Pack of 1000, red vinyl insulated butt connectors	22-18
160280	Pack of 1000, blue vinyl insulated butt connectors	16-14
160480	Pack of 1000, yellow vinyl insulated butt connectors	12-10
164180	Pack of 100, red heat shrinkable butt connectors	22-18
164280	Pack of 100, blue heat shrinkable butt connectors	16-14
164480	Pack of 100, yellow heat shrinkable butt connectors	12-10
FEMALE/MALE DISCONNECTS		
160248	Pack of 1000, blue vinyl insulated female disconnects w/1/4" tabs	16-14
160253	Pack of 1000, blue vinyl insulated male disconnects w/1/4" tabs	16-14
162258	Pack of 1000, blue nylon insulated female disconnects w/1/4" tabs	16-14
162260	Pack of 1000, blue nylon insulated male disconnects w/1/4" tabs	16-14
INSTANT CONNECTORS		
160285	Pack of 1000, blue instant connectors	16-14



DOCAP

Solderless Terminal Assortment

1000 Piece Solderless Terminal Assortment •Terminal assortment packed in handy storage tray •Complete with hand crimping tool
Part No. 571-098.

DOCAP

PVC Insulated Terminals & Connectors

PVC Insulated Terminals, Connectors and Splices •All Grote terminals and connectors are vinyl insulated with PVC insulation support - unless stated otherwise •Terminals are designed to support all normal duty applications •All Grote terminals and connectors are packaged in resealable clam shell packaging

The first name in vehicle safety systems®

Terminals	
Ref. #	Stud Size
1	4-6
2	6-8
3	8-10
4	12-1/4"
5	5/16"
6	3/8"
7	1/2"
10	4-6
11	8-10
12	4-6 (flanged spade)
13	6-8 (flanged spade)
14	8-10 (flanged spade)

Ring Terminal
Ref. #1 - #7

Spade Terminal
Ref. #10, #11

Spade Flange Terminal
Ref. #12 - #14

Butt Connector
Ref. #15

Parallel Connector
Ref. #16

3-Way Connector
Ref. #17

4-Way Connector
Ref. #18

Male Quick Disconnect
Ref. #19

Female Quick Disconnect
Ref. #20 & #21
*Note: #21 is 3/8" Wide (Std 1/4")

Piggy Back Disconnect
Ref. #22

Female Quick Disconnect Flag
Ref. #23

Double Female Snap Receptacle
Ref. #24

Instant Connectors
- Quick Splice
Ref. #25

Instant Connectors
- Female T-Tap
Ref. #26

Instant Connectors
- Self-stripping, ATO Fuse Fuseholder Ref. #27

Instant Connectors
- Bullet Tap Connector
Ref. #28

Male Bullet Connectors
Ref. #29, #30, #31

Bullet Receptacle Connectors
Ref. #32

Ref. #	Wire Ga. 22-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.	Wire Ga. 8-10	Pack Qty.
1	83-2102EA	1	83-2302EA	1	83-2502EA	1		
1	83-2102PK	100	83-2302PK	100	84-2502PK	15		
1					83-2502PK	100		
2			83-2303EA	1				
2			84-2303PK	15				
2			83-2303PK	100				
3	83-2104EA	1	83-2304EA	1	83-2504EA	1		
3	84-2104PK	15	84-2304PK	15	84-2504PK	15		
3	83-2104PK	100	83-2304PK	100	83-2504PK	100		
4	83-2105EA	1	83-2305EA	1	83-2505EA	1		
4	84-2105PK	15	84-2305PK	15	84-2505PK	15		
4	83-2105PK	100	83-2305PK	100	83-2505PK	100		
5	84-2140EA	1	84-2340EA	1	84-2540EA	1		
5	84-2140PK	15	84-2340PK	15	84-2540PK	15		
6	84-2108EA	1	84-2308EA	1	83-2507EA	1		
6	84-2108PK	15	84-2308PK	15	84-2507PK	15		
6					83-2507PK	100		
7					84-2509EA	1		
7					84-2509PK	15		
10	83-2132EA	1	83-2332EA	1	83-2532EA	1		
10	84-2132PK	15	84-2332PK	15	84-2532PK	15		
10	83-2132PK	100	83-2332PK	100	83-2532PK	100		
11	83-2134EA	1	83-2334EA	1	83-2534EA	1		
11	84-2134PK	15	84-2334PK	15	84-2534PK	15		
11	83-2134PK	100	83-2334PK	100	83-2534PK	100		
12	84-2136EA	1	84-2336EA	1	84-2536EA	1		
12	84-2136PK	15	84-2336PK	15	84-2536PK	15		
13	84-2138EA	1						
13	84-2138PK	15						
14	84-2139EA	1	84-2338EA	1	84-2537EA	1		
14	84-2139PK	15	84-2338PK	15	84-2537PK	15		
15	83-2180EA	1	83-2380EA	1	83-2580EA	1	84-2170EA	1
15	84-2180PK	15	84-2380PK	15	84-2580PK	15	84-2170PK	5
15	83-2180PK	100	83-2380PK	100	83-2580PK	100		
16	84-2100EA	1	84-2300EA	1	84-2500EA	1		
16	84-2100PK	15	84-2300PK	15	84-2500PK	15		
17	84-2181EA	1	84-2381EA	1	84-2581EA	1		
17	84-2181PK	5	84-2381PK	5	84-2581PK	5		
18	–		84-2382EA	1	84-2582EA	1		
18	–		84-2382PK	5	84-2582PK	5		
19	83-2191EA	1	83-2391EA	1	83-2591EA	1		
19	84-2191PK	15	84-2391PK	15	84-2591PK	15		
19	83-2191PK	100	83-2391PK	100	83-2591PK	100		
20	83-2187EA	1	83-2387EA	1	83-2587EA	1		
20	84-2187PK	15	84-2387PK	15	84-2587PK	15		
20	83-2187PK	100	83-2387PK	100	83-2587PK	100		
21					*84-2902EA	1		
21					*84-2902PK	15		
22	84-2192EA	1	84-2392EA	1				
22	84-2192PK	15	84-2392PK	15				
23	84-2189EA	1	84-2389EA	1				
23	84-2189PK	15	84-2389PK	15				
24					84-2388EA	1		
24					84-2388PK	15		
25	84-2183EA	1	83-2383EA	1	84-2583EA	1		
25	84-2183PK	5	84-2383PK	5	84-2583PK	3		
25			83-2383PK	25				
26			84-2904EA	1				
26			84-2904PK	5				
27	84-2903EA	1						
27	84-2903PK	3						
28			84-2384EA	1				
28			84-2384PK	3				

Ref. #	Part No.	Gauge	Bullet Size	Pack Qty.
29	84-2194EA	22-18	.156"	1
29	84-2194PK	22-18	.156"	15
30	83-2394EA	16-14	.156"	1
30	84-2394PK	16-14	.156"	15
30	83-2394PK	16-14	.156"	100
31	83-2395EA	16-14	.195"	1
31	84-2395PK	16-14	.195"	15
31	83-2395PK	16-14	.195"	100
32	84-2185EA	22-18	.156"	1
32	84-2185PK	22-18	.156"	15
32	83-2400EA	16-14	.156"	1
32	84-2400PK	16-14	.156"	15
32	83-2400PK	16-14	.156"	100

Ref. #	Wire Ga. 22-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.
33	83-3182EA	1	83-3382EA	1
33	84-3182PK	15	84-3382PK	15
33	83-3182PK	100	83-3382PK	100

Splice Connectors
- Closed End Splice
Ref. #33

Uninsulated Terminals & Connectors

Terminals And Connectors •Terminals are designed to support all normal duty applications •All Grote terminals and connectors are packaged in resealable clam shell packaging

Ref. #	Wire Ga. 22-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.	Wire Ga. 8	Pack Qty.	Wire Ga. 6	Pack Qty.
1	84-3000EA	1	84-3004EA	1						
1	84-3000PK	50	84-3004PK	50						
2	84-3001EA	1	84-3005EA	1	84-3008EA	1				
2	84-3001PK	50	84-3005PK	50	84-3008PK	50				
3	84-3002EA	1	84-3006EA	1	84-3009EA	1	84-3013EA	1	84-3017EA	1
3	84-3002PK	50	84-3006PK	50	84-3009PK	50	84-3013PK	25	84-3017PK	25
4	84-3003EA	1	84-3007EA	1	84-3010EA	1	84-3014EA	1	84-3018EA	1
4	84-3003PK	50	84-3007PK	50	84-3010PK	50	84-3014PK	25	84-3018PK	25
5					84-3011EA	1	84-3015EA	1	84-3019EA	1
5					84-3011PK	50	84-3015PK	25	84-3019PK	25
6					84-3012EA	1	84-3016EA	1	84-3020EA	1
6					84-3012PK	50	84-3016PK	25	84-3020PK	25
7			84-4388EA	1						
7			84-4388PK	15						
9			84-2900EA	1						
9			84-2900PK	15						
10			84-2901EA	1						
10			84-2901PK	15						

Terminals	
Ref. #	Stud Size
1	4-6
2	6-8
3	8-10
4	12-1/4"
5	5/16"
6	3/8"

Ring Terminal
Ref. #1 - #7

Female Quick Disconnect
Ref. #7

Double Male/Female Slide Connector Tab Flat
Ref. #9

Double Male/Female Slide Connector Tab Piggy Back
Ref. #10

Nylon Terminals & Connectors

Ref. #	Wire Ga. 22-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.
11	84-2190EA	1	84-2390EA	1	84-2590EA	1
11	84-2190PK	15	84-2390PK	15	84-2590PK	15
12	83-3191EA	1	83-3391EA	1	83-3591EA	1
12	84-3191PK	15	84-3391PK	15	84-3591PK	15
12	83-3191PK	50	83-3391PK	50	83-3591PK	50
13	83-3187EA	1	83-3387EA	1	83-3587EA	1
13	84-3187PK	15	84-3387PK	15	84-3587PK	15
13	83-3187PK	50	83-3387PK	50	83-3587PK	50

Nylon Butt Splice Connectors
Ref. #11

Female Quick Disconnect
Ref. #13

Male Quick Disconnect
Ref. #12

Heat Shrinkable Terminals & Connectors

Terminals And Connectors •Terminals are designed to support all normal duty applications •All Grote terminals and connectors are packaged in resealable clam shell packaging

Ref. #	Wire Ga. 22-18	Pack Qty.	Wire Ga. 16-14	Pack Qty.	Wire Ga. 12-10	Pack Qty.
1			84-2408EA	1	84-2501EA	1
1			84-2408PK	15	84-2501PK	15
2			84-2410EA	1	84-2510EA	1
2			84-2410PK	15	84-2510PK	15
3			84-2412EA	1	84-2511EA	1
3			84-2412PK	15	84-2511PK	15
4			84-2413EA	1	84-2512EA	1
4			84-2413PK	15	84-2512PK	15
5			84-2414EA	1	84-2513EA	1
5			84-2414PK	15	84-2513PK	15
6			84-2418EA	1	84-2518EA	1
6			84-2418PK	15	84-2518PK	15
7			84-2420EA	1	84-2520EA	1
7			84-2420PK	15	84-2520PK	15
8	83-2150EA	1	83-2350EA	1	83-2550EA	1
8	84-2150PK	15	84-2350PK	15	84-2550PK	15
8	83-2150PK	100	83-2350PK	100	83-2550PK	50
9			84-2432EA	1		
9			84-2432PK	15		
10			84-2430EA	1		
10			84-2430PK	15		
11			84-2435EA	1		
11			84-2435PK	15		
12			84-2434EA	1		
12			84-2434PK	15		
13	84-2151EA	1				
13	84-2151PK	15				

Terminals	
Ref. #	Stud Size
1	6-8
2	8-10
3	12-1/4"
4	5/16"
5	3/8"
6	8
7	10

Ring Terminal
Ref. #1 - #5

Female Quick Disconnect
Ref. #6-#7

Butt Splice Connectors
Ref. #8

Female Quick Disconnects
Ref. #9

Male Quick Disconnects
Ref. #10

Female Bullet Connectors
Ref. #11

Male Bullet Connectors
Ref. #12

Pin Terminal
Ref. #13

Grote
The first name in vehicle safety systems®

GM WEATHER PACK SERIES

•Tin plated brass male, mates with #84-2001 •20-18 ga.
•OEM #12033674, #12089040.
Part No. 84-2000EA, Each.
Part No. 84-2000PK, Pack/10.

•Tin plated brass female, mates with #84-2000 •20-18 ga.
•OEM #12034051, #12089188.
Part No. 84-2001EA, Each.
Part No. 84-2001PK, Pack/10.

•Silicone cable seal •Use with #84-2000, #84-2001 •OEM #12015323.
Part No. 84-2002EA, Each.
Part No. 84-2002PK, Pack/10.

•Silicone cavity plug •Used to plug empty cavities in connector shell
•OEM #12010300.
Part No. 84-2003EA, Each.
Part No. 84-2003PK, Pack/10.

•Nylon single cavity for male terminals, mates with #84-2005
•OEM #12010996.
Part No. 84-2004EA, Each.
Part No. 84-2004PK, Pack/10.

•Nylon single cavity for female terminals, mates with #84-2004
•OEM #12015791.
Part No. 84-2005EA, Each.
Part No. 84-2005PK, Pack/10.

•Nylon double cavity for male terminals, mates with #84-2007 •OEM #12010973.
Part No. 84-2006EA, Each.
Part No. 84-2006PK, Pack/10.

•Nylon double cavity for female terminals, mates with #84-2006 •OEM #12015792.
Part No. 84-2007EA, Each.
Part No. 84-2007PK, Pack/10.

•Nylon triple cavity for male terminals, mates with #84-2009 •OEM #12010717.
Part No. 84-2008EA, Each.
Part No. 84-2008PK, Pack/10.

•Nylon triple cavity for female terminals, mates with #84-2008 •OEM #12015793.
Part No. 84-2009EA, Each.
Part No. 84-2009PK, Pack/10.

GM 56 SERIES

•16-14 ga. •Insulates with housing #84-2012 •Mates with terminal #84-2013 and housing #84-2012 •OEM #2962987.
Part No. 84-2011EA, Each.
Part No. 84-2011PK, Pack/10.

•16-14 ga.•Insulates terminal #84-2011 •Mates with housing #84-2014 •OEM #2962984.
Part No. 84-2012EA, Each.
Part No. 84-2012PK, Pack/10.

•16-14 ga. •Insulates with housing #84-2014 •Mates with terminal #84-2011 and housing #84-2012 •OEM #2962447.
Part No. 84-2013EA, Each.
Part No. 84-2013PK, Pack/10.

•16-14 ga. •Insulates terminal #84-2013 •Mates with housing #84-2012 •OEM #2962448.
Part No. 84-2014EA, Each.
Part No. 84-2014PK, Pack/10.

GM PACK-CON SERIES

•16-14 ga. •Male tab connector •Mates with terminal #84-2017
•OEM #8900524, #12020320.
Part No. 84-2016EA, Each.
Part No. 84-2016PK, Pack/10.

•20-18 ga. •Female receptacle •Mates with terminal #84-2016
•OEM #6294512, #12020346.
Part No. 84-2017EA, Each.
Part No. 84-2017PK, Pack/10.

•20-18 ga. •Tin plated mates with terminal #84-2017
•OEM #6294511.
Part No. 84-2018EA, Each.
Part No. 84-2018PK, Pack/10.

•16-14 ga. •Mates with #84-2016
•OEM #12020347.
Part No. 84-2019EA, Each.
Part No. 84-2019PK, Pack/10.

GM PACK-CON HD SERIES

•12-10 ga. •Tin plated
•OEM #12033817.
Part No. 84-2020EA, Each.
Part No. 84-2020PK, Pack/10.

•16-14 ga. •Tin plated
•OEM #8905087.
Part No. 84-2021EA, Each.
Part No. 84-2021PK, Pack/10.

GM PACK-CON II SERIES

•16-14 ga. •Tin plated
•OEM #12004996.
Part No. 84-2022EA, Each.
Part No. 84-2022PK, Pack/10.

GM METRI-PACK SERIES 120

•20-18 ga. •Tin plated •OEM #12047581.
Part No. 84-2023EA, Each.
Part No. 84-2023PK, Pack/10.

•20-16 ga. •Tin plated •OEM #12047767, #4368618.
Part No. 84-2024EA, Each.
Part No. 84-2024PK, Pack/10.

GM METRI-PACK SERIES 280

•18-14 ga. •OEM #12020116.
Part No. 84-2025EA, Each.
Part No. 84-2025PK, Pack/10.

•20-18 ga. •Mates with #84-2027
•OEM #12034047.
Part No. 84-2026EA, Each.
Part No. 84-2026PK, Pack/10.

•20-18 ga. •Tin plated mates with #84-2026 •OEM #12034046.
Part No. 84-2027EA, Each.
Part No. 84-2027PK, Pack/10.

GM METRI-PACK SERIES 480

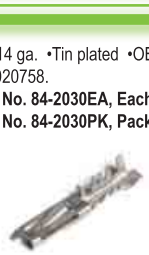
•16-14 ga. •Tin plated
•OEM #12020120.
Part No. 84-2028EA, Each.
Part No. 84-2028PK, Pack/10.

GM METRI-PACK SERIES 630

•16-14 ga. •Tin plated •OEM #12015870.
Part No. 84-2029EA, Each.
Part No. 84-2029PK, Pack/10.

GM METRI-PACK TERMINALS

•16-14 ga. •Tin plated •OEM #12020758.
Part No. 84-2030EA, Each.
Part No. 84-2030PK, Pack/10.



•22 ga. •Tin plated •OEM #120240902.
Part No. 84-2031EA, Each.
Part No. 84-2031PK, Pack/10.

FORD AND CHRYSLER SNAP-ON FEMALE TERMINALS

•20-18 ga. •1/4" female •OEM #2965470, #2096466, #C5AB-14474-B.
Part No. 84-2032EA, Each.
Part No. 84-2032PK, Pack/10.

Grote
The first name in vehicle safety systems®

Wire Connectors

WIRE CONNECTORS

•CSA approved electrical wire connectors •Twist on electrician style

Wire Ga. 22-16 ORANGE	Pack Qty.	Wire Ga. 18-12 YELLOW	Pack Qty.	Wire Ga. 18-10 RED	Pack Qty.
84-2701EA	1	84-2702EA	1	84-2703EA	1
84-2701PK	15	84-2702PK	5	84-2703PK	5

Grote
The first name in vehicle safety systems®

Terminal Assortments

TERMINAL ASSORTMENTS

Part No. 83-2600PK, 100 assorted rings, butts, quick disconnects and spade terminals; 16-14 ga and 12-10 ga.
Part No. 83-2601PK, 20 assorted female quick disconnects
Part No. 83-2602PK, 20 assorted butt connectors

HEAT SHRINKABLE TERMINAL KIT

•120 assorted heat shrinkable terminals •Includes ring, butt, spade and disconnect terminals •12 compartment re-closable plastic box •Colourful re-ordering chart on inside of cover
Part No. 83-6503EA.

ECONOMY 4 WAY CRIMPING TOOL

•8" long •Cuts and strips primary wire 10-22 gauge •Crimps insulated and non-insulated terminals •Sure grip vinyl handles for safety
Part No. 83-6510EA.

ECONOMY TERMINAL KIT

•Assorted terminals •Crimping tool (#83-6510EA)
Part No. 83-6520EA.

ALL PURPOSE TERMINAL KIT

•37 pieces •Heavy duty crimping tool •2 miniature screwdrivers •Electrical pliers •Electrical circuit tester •Connector and terminal assortment
Part No. 83-6530EA.

HEAVY DUTY TERMINAL & CONNECTOR ASSORTMENT KIT

•Kit contains 650 of the most popular automotive electrical terminals and accessories •Assorted gauges (22-18, 16-14, 12-10) and stud sizes (#6 - 1/4") •Crimping tool (#83-6510EA)
Part No. 83-6540EA.

AUTO ELECTRIC REPAIR KIT

•6 electrical tools and 202 electrical components •Voltage tester and test leads •Assorted ring, butt, spade and quick disconnect wire terminals •Crimping tool (#83-6510EA) •Primary wire •Cable ties, shrink tubing and nylon wire clamps •Glass and ATO emergency fuses and a fuse puller •Emergency fuses •Battery brush •miniature screwdrivers
Part No. 83-6550EA.

AUTOMOTIVE & HEAVY DUTY WIRE/CABLE

Plastic – PVC Primary Wire

Ordering:
Please add your colour choice suffix to the part number when ordering. Suffixes are: BK = Black, BL = Blue, BR = Brown, RE = Red, GR = Green, YE = Yellow, WH = White, OR = Orange.
E.G.: 1218BL is 18 ga. wire, blue, 100 ft. roll

Meets SAE J1128 specifications. Bare copper conductor with solid plastic insulation. Greater flexibility, permanent colour, impervious to oil, grease, and diesel fumes. Temperature ranges to +120°C.

PART NO.	GA.	ROLL SIZE	COLOURS AVAIL.
1218	18	100 ft.	All
1216	16	100 ft.	All
1214	14	100 ft.	All
1212	12	100 ft.	All except orange
1210	10	100 ft.	All except orange
1216M	16	1000 ft.	All except orange
1214M	14	1000 ft.	All except orange

Grey Jacketed Wire

Meets SAE J1128, type GPT specifications. Conductors laid parallel with a grey, high performance, outside jacket of PVC. Clean stripping for easy use.
•ROLL SIZE: 100 ft.
•NO. OF STRANDS PER CONDUCTOR: 19

NOTE:
2 Conductor: Black, White Wire
3 Conductor: Black, Green, Red Wire
4 Conductor: Black, Green, Red, White Wire

PART NO.	CONDUCTORS	GA.
216GJ	2	16
214GJ	2	14
212GJ	2	12
316GJ	3	16
314GJ	3	14
416GJ	4	16
414GJ	4	14

Bonded Parallel Wire

Meets SAE J1128, type GPT specifications.
•ROLL SIZE: 100 ft.
•NO. OF STRANDS PER CONDUCTOR: 19

Note:
4 conductor: green, yellow, brown, white wire

PART NO.	CONDUCTORS	GA.
416BP	4	16
414BP	4	14

Grote
The first name in vehicle safety systems®

TECHSPAN IND. INC.

Primary Wire

General Purpose, Low-Tension Primary Wire - Plastic primary single conductor wire. Durable thermoplastic PVC compound resists chemical attack, abrasion and heat to 90°C. Clean stripping for easy use. Type GPT to SAE specification J1128.

Mini Spools

Gauge	Length	Outside Dia.	Stranding	Black	Blue	Brown	Green	Red	White	Yellow
18	50 ft.	.091"	16 x .010"	66-8051RL	66-8052RL	66-8053RL	66-8054RL	66-8056RL	66-8057RL	66-8059RL
16	35 ft.	.104"	19 x .0113"	66-8061RL	66-8062RL	66-8063RL	66-8064RL	66-8065RL	66-8066RL	66-8067RL
14	25 ft.	.119"	19 x .0142"	66-8068RL	66-8069RL	66-8070RL	66-8071RL	66-8072RL	66-8073RL	66-8074RL
12	15 ft.	.145"	19 x .0179"	66-8075RL	66-8076RL	66-8983RL	66-8922RL	66-8077RL	66-8078RL	66-8928RL
10	10 ft.	.175"	19 x .0234"	66-8080RL	66-8906RL	66-8081RL	66-8980RL	66-8082RL	66-8981RL	66-8979RL

100' Spools

Gauge	Outside Dia.	Stranding	Black	Blue	Brown	Green	Orange	Red	White	Yellow	Purple	Grey
18	.091"	16 x .010"	76-8000RL	76-8001RL	76-8002RL	76-8003RL		76-8005RL	76-8006RL	76-8007RL		
16	.104"	19 x .0113"	76-8010RL	76-8011RL	76-8012RL	76-8013RL	76-8014RL	76-8015RL	76-8016RL	76-8017RL		
14	.119"	19 x .0142"	76-8020RL	76-8021RL	76-8022RL	76-8023RL	76-8024RL	76-8025RL	76-8026RL	76-8027RL		
12	.145"	19 x .0179"	76-8030RL	76-8031RL	76-8032RL	76-8033RL	76-8034RL	76-8035RL	76-8036RL	76-8037RL		
*50 Ft. Spools 10	.175"	19 x .0234"	*76-8102RL	*76-8103RL	*76-8104RL	*76-8105RL		*76-8106RL	*76-8107RL	*76-8108RL		
8	.216"	7 x 12 x .0142"	76-8050RL					76-8155RL	76-8056RL			
6	.285"	7 x 7 x .0226"	76-8060RL					76-8165RL				
4	.354"	7 x 27 x .0142"						76-8175RL				
14	.119"	19 x .0142"									76-8028RL	76-8029RL

1000' Spools

Gauge	Outside Dia.	Stranding	Black	Blue	Brown	Green	Orange	Red	White	Yellow	Purple	Grey
16	.104"	19 x .0113"	76-8210RL	76-8211RL	76-8212RL	76-8213RL	76-8214RL	76-8215RL	76-8216RL	76-8217RL		
14	.119"	19 x .0142"	76-8220RL	76-8221RL	76-8222RL	76-8223RL	76-8224RL	76-8225RL	76-8226RL	76-8227RL		
12	.145"	19 x .0179"	76-8230RL	76-8231RL	76-8232RL	76-8233RL	76-8234RL	76-8235RL	76-8236RL	76-8237RL		
10	.175"	19 x .0234"	76-8240RL	76-8241RL	76-8242RL	76-8243RL		76-8245RL	76-8246RL	76-8247RL		
14	.119"	19 x .0142"									76-8228RL	76-8229RL

SXL Wire – High Temperature

Type SXL to SAE Specification J1128 125°C Temp Rating- General purpose, low tension cable, crosslinked polyethylene insulated jacket provides toughness combined with outstanding heat resistance. Resists grease, oil, gasoline and chemicals. Clean stripping for easy use. Ideally suited for heavy duty applications. Length 100 ft. roll.

Gauge	Outside Dia.	Stranding	Black	Blue	Brown	Green	Orange	Red	White	Yellow
16	.129"	19 x .0113"	76-8840RL	76-8841RL	76-8842RL	76-8843RL	76-8847RL	76-8844RL	76-8845RL	76-8846RL
14	.151"	19 x .0142"	76-8850RL	76-8851RL	76-8852RL	76-8853RL	76-8857RL	76-8854RL	76-8855RL	76-8856RL
12	.172"	19 x .0179"	76-8860RL	76-8861RL	76-8862RL	76-8863RL	76-8867RL	76-8864RL	76-8865RL	76-8866RL
10	.203"	19 x .0234"	76-8770RL			76-8773RL		76-8774RL	76-8775RL	76-8776RL
8	.226"	7 x 12 x .0142"	76-8780RL					76-8784RL	76-8785RL	

TEW Wire

Type TEW Stranded Tinned Copper Conductor, PVC Insulation 600 Volts -40°C to 105°C Temp Rating. For use in internal wiring of electrical and electronic equipment. Applications include electric ranges, heating equipment, lighting fixtures, panels and meters. Meets CSA and UL requirements. Length 98 ft. roll.

Gauge	Outside Dia.	Stranding	Black	Blue	Brown	Green	Orange	Red	White	Yellow	Grey
16	.122"	26 x .010"	76-8609RL	76-8610RL	76-8611RL	76-8612RL	76-8613RL	76-8614RL	76-8615RL	76-8616RL	76-8617RL
14	.136"	41 x .010"	76-8618RL	76-8619RL	76-8620RL	76-8621RL	76-8622RL	76-8623RL	76-8624RL	76-8625RL	76-8626RL
12	.159"	65 x .010"	76-8627RL	76-8628RL	76-8629RL	76-8630RL	76-8631RL	76-8632RL	76-8633RL	76-8634RL	

Speaker Wire

22 Gauge — 2 Conductor Speaker Wire
Bonded parallel clear vinyl jacketed conductors. Wire is polarized using bare copper stranding on one side and tin plated copper stranding on the other side. Length 100 ft. roll.
Part No. 76-8403RL.

ta
TECHSPAN AUTOMOTIVE

Type GPT 2 Conductor High Performance Parallel Bonded PVC Cable

General purpose low-tension cable. Plastic insulated with PVC compound insulation. Bonded parallel red and black conductors. SAE specifications J1128.

Part No.	Gauge	Stranding	Length
76-8401RL	16	19 x .0113"	100 ft. spool
76-8405RL	16	19 x .0113"	250 ft. spool
76-8416RL	16	19 x .0113"	2500 ft. spool

TECHSPAN AUTOMOTIVE

Type GPT 2, 3 And 4 Conductor Grey Jacketed Cable

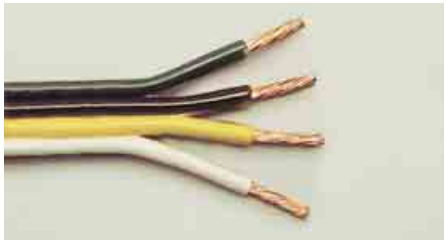
General purpose low-tension cable. Plastic insulated with grey PVC outer jacket. SAE specifications J1128.

Part No.	Gauge	Stranding	Red	Green	Black	White	Length
76-8430RL	2/16	19 x .0113"			✔	✔	100 ft.
76-8431RL	2/14	19 x .0142"			✔	✔	100 ft.
76-8432RL	2/12	19 x .0179"			✔	✔	100 ft.
76-8570RL	3/16	19 x .0113"		✔	✔	✔	100 ft.
76-8571RL	3/14	19 x .0142"		✔	✔	✔	100 ft.
76-8580RL	4/16	19 x .0113"	✔	✔	✔	✔	100 ft.
76-8581RL	4/14	19 x .0142"	✔	✔	✔	✔	100 ft.
76-8435RL	2/16	19 x .0113"			✔	✔	1000 ft.
76-8436RL	2/14	19 x .0142"			✔	✔	1000 ft.

Type GPT 3 And 4 Conductor Parallel Bonded PVC Cable

General purpose low-tension cable, parallel 3 and 4 conductor. SAE specifications J1128.

Part No.	Gauge	Stranding	Green	Brown	Yellow	White	Length
76-8089RL	3/16	19 x .0113"	✔	✔	✔		100 ft.
76-8091RL	3/14	19 x .0142"	✔	✔	✔		100 ft.
76-8090RL	4/16	19 x .0113"	✔	✔	✔	✔	100 ft.
76-8092RL	4/14	19 x .0142"	✔	✔	✔	✔	100 ft.
76-8481RL	4/16	19 x .0113"	✔	✔	✔	✔	250 ft.



Wire Marking Devices

Self adhesive wire markers wrap around cables for identification - numbers 0 through 9
Part No. 76-9994EA, Wire marker booklet (0-9)
Part No. 76-9991EA, Wire marker dispenser (0-9)
Part No. 76-9993PK, Wire marker display of 10 x 76-9991EA
Part No. 76-9992EA, Wire marker refill rolls for 76-9991EA

76-9991EA

76-9994EA

PHILATRON

RRR/3171

Brake Cable – Jacketed Parallel Primary Wire – Type GPT

Application: Trucks, automobiles, buses, RVs, and trailers.
Features: Thermoplastic insulated wires are jacketed with a tough grey PVC jacket for additional protection against moisture and abrasion. Parallel construction is common for use with trailers and vehicles where space is limited.
Standards: SAE J1128 Type GPT.

Part No.	AWG Size	No. of Conductors	Stranding	Nom. O.D.	Colours
JGPT182	18 AWG	2	16	.132" x .224"	Black & White
JGPT162	16 AWG	2	19	.143" x .246"	Black & White
JGPT142	14 AWG	2	19	.163" x .286"	Black & White
JGPT122	12 AWG	2	19	.185" x .330"	Black & White
JGPT102	10 AWG	2	19	.218" x .396"	Black & White

Primary Wire

Type GPT General Purpose Thermo Plastic Wire - Meets SAE code J1128 specifications. PVC insulation resists heat up to 85°C and provides protection from weather conditions and abrasives. All wire is spooled and shrink wrapped. All primary wire is single conductor based.

Gauge	Length	Outside Dia.	Stranding	Red	Brown	Black	Green	White	Blue	Yellow	Orange
6	25 ft.	.285"	7 x 7 x .0226"	89-3000RL		89-3002RL					
6	100 ft.	.285"	7 x 7 x .0226"	87-3000RL		87-3002RL					
8	25 ft.	.239"	7 x 12 x .0142"	89-4000RL		89-4002RL		89-4007RL			
8	100 ft.	.239"	7 x 12 x .0142"	87-4000RL		87-4002RL		87-4007RL			
10	25 ft.	.175"	19 x .0234"	89-5000RL	89-5001RL	89-5002RL	89-5006RL	89-5007RL	89-5010RL	89-5011RL	
10	100 ft.	.175"	19 x .0234"	87-5000RL	87-5001RL	87-5002RL	87-5006RL	87-5007RL	87-5010RL	87-5011RL	
12	25 ft.	.145"	19 x .0179"	89-6000RL	89-6001RL	89-6002RL	89-6006RL	89-6007RL	89-6010RL	89-6011RL	
12	100 ft.	.145"	19 x .0179"	87-6000RL	87-6001RL	87-6002RL	87-6006RL	87-6007RL	87-6010RL	87-6011RL	
12	1000 ft.	.145"	19 x .0179"	88-6000RL	88-6001RL	88-6002RL	88-6006RL	88-6007RL	88-6010RL	88-6011RL	
14	25 ft.	.119"	19 x .0142"	89-7000RL	89-7001RL	89-7002RL	89-7006RL	89-7007RL	89-7010RL	89-7011RL	89-7012RL
14	100 ft.	.119"	19 x .0142"	87-7000RL	87-7001RL	87-7002RL	87-7006RL	87-7007RL	87-7010RL	87-7011RL	87-7012RL
14	1000 ft.	.119"	19 x .0142"	88-7000RL	88-7001RL	88-7002RL	88-7006RL	88-7007RL	88-7010RL	88-7011RL	88-7012RL
16	25 ft.	.104"	19 x .0113"	89-8000RL	89-8001RL	89-8002RL	89-8006RL	89-8007RL	89-8010RL	89-8011RL	89-8012RL
16	100 ft.	.104"	19 x .0113"	87-8000RL	87-8001RL	87-8002RL	87-8006RL	87-8007RL	87-8010RL	87-8011RL	87-8012RL
16	1000 ft.	.104"	19 x .0113"	88-8000RL	88-8001RL	88-8002RL	88-8006RL	88-8007RL	88-8010RL	88-8011RL	88-8012RL
18	25 ft.	.091"	16 x .010"	89-9000RL	89-9001RL	89-9002RL	89-9006RL	89-9007RL	89-9010RL	89-9011RL	
18	100 ft.	.091"	16 x .010"	87-9000RL	87-9001RL	87-9002RL	87-9006RL	87-9007RL	87-9010RL	87-9011RL	
18	1000 ft.	.091"	16 x .010"	88-9000RL		88-9002RL		88-9007RL			

SXL Wire – Heavy Duty Primary Wire

Type SXL meets SAE Specification J1128 125°C Temp Rating-
Designed to withstand harsher environments than general purpose primary wire. SXL has an annealed copper conductor that is insulated with a special cross linked polyethylene base. PVC insulation resists heat up to 125°C and provides protection from weather conditions and abrasives.

Gauge	Length	Outside Dia.	Stranding	Red	Black	White
14	100 ft.	.151"	19 x .0142"	87-0000RL	-	-
16	100 ft.	.129"	19 x .0113"	87-2000RL	87-2002RL	87-2007RL

Trailer Cable – 2, 3 And 4 Conductor PVC Jacketed Cable

Meets all SAE code J1128 specifications. Plastic insulated with grey PVC outer jacket.

Part No.	Gauge	Stranding	Outside Dia.	Length
82-5500RL	2/16	19 x .0113"	.168 x .272"	100 ft.
82-5501RL	2/16	19 x .0113"	.168 x .272"	1000 ft.
82-5502RL	2/14	19 x .0142"	.181 x .298"	100 ft.
82-5503RL	2/14	19 x .0142"	.181 x .298"	1000 ft.
82-5512RL	2/12	19 x .0179"	.206 x .348"	50 ft.
82-5511RL	2/12	19 x .0179"	.206 x .348"	100 ft.
82-5550RL	2/12	19 x .0179"	.206 x .348"	500 ft.
82-5510RL	2/12	19 x .0179"	.206 x .348"	1000 ft.
82-5509RL	2/10	19 x .0234"	.246 x .432"	50 ft.
82-5508RL	2/10	19 x .0234"	.246 x .432"	100 ft.
82-5507RL	2/10	19 x .0234"	.246 x .432"	1000 ft.
82-5520RL	3/14	19 x .0142"	.200 x .430"	100 ft.
82-5522RL	3/16	19 x .0113"	.170 x .380"	100 ft.
82-5521RL	4/14	19 x .0142"	.200 x .550"	100 ft.
82-5519RL	4/16	19 x .0113"	.185 x .525"	100 ft.

Parallel Bonded Cable

Meets all SAE code J1128 specifications.

Part No.	Gauge	Stranding	Overall Dia.	Green	Brown	Yellow	White	Red	Length
82-5506RL	2/16	19 x .0113"	.168" x .272"					✔	100 ft.
82-5518RL	3/16	19 x .0113"	.420" x .105"	✔	✔	✔			25 ft.
82-5517RL	3/16	19 x .0113"	.420" x .105"	✔	✔	✔			100 ft.
82-5515RL	4/14	19 x .0142"	.492" x .123"	✔	✔	✔	✔		25 ft.
82-5514RL	4/14	19 x .0142"	.492" x .123"	✔	✔	✔	✔		100 ft.
82-5513RL	4/14	19 x .0142"	.492" x .123"	✔	✔	✔	✔		1000 ft.

Grote®
The first name in vehicle safety systems®

Battery Connectors

QUICK® COMPRESSION CONNECTORS

•Made of cast copper, tin plated for added conductivity and to resist corrosion •All clamps, lugs, compression nuts and fasteners are tin plated, twice as thick as industry standards •Connector colour coding makes identification easy *Fasteners included

STRAIGHT CLAMP

Part No.	Gauge	Colour Code	Type
5004-U	4	Grey	Tin Plated
5002-U	1 & 2	Green	Tin Plated
5010-U	1/0	Black	Tin Plated
5020-U	2/0	Orange	Tin Plated
5030-U	3/0	Purple	Tin Plated
5040-U	4/0	Yellow	Tin Plated

RIGHT ELBOW

Part No.	Gauge	Colour Code	Fits
5102-N	1 & 2	Green	Negative
5102-P	1 & 2	Green	Positive
5120-N	2/0	Orange	Negative
5120-P	2/0	Orange	Positive

LEFT ELBOW

Part No.	Gauge	Colour Code	Fits
5204-N	4	Grey	Negative
5204-P	4	Grey	Positive
5210-N	1/0	Black	Negative
5210-P	1/0	Black	Positive
5230-N	3/0	Purple	Negative
5230-P	3/0	Purple	Positive

FLAG CONNECTORS

Part No.	Gauge	Colour Code	Type
5304-U	4	Grey	Tin Plated
5302-U	1 & 2	Green	Tin Plated
5310-U	1/0	Black	Tin Plated
5320-U	2/0	Orange	Tin Plated
5330-U	3/0	Purple	Tin Plated
5340-N	4/0	Yellow	Negative
5340-P	4/0	Yellow	Positive

HEAVY WALL COPPER LUG - 3/8"

Part No.	Fits Gauge
5804-F	4
5802-F	1-2
5810-F	1/0
5820-F	2/0
5830-F	3/0
5840-F	4/0

COMPRESSION NUT

Part No.	Fits Gauge
6104	4
6102	1-2
6110	1/0
6120	2/0
6130	3/0
6140	4/0

QUICKCABLE®
Your Best Connection

FUSION™ SOLDER CONNECTORS

•Fusion™ Connectors come ready to use •Correctly engineered flux and solder is precisely pre-measured and loaded in a solderable tin-plated copper connector •More consistent quality than any other solder method including traditional wire solder and solder slug •Faster, less confusing and less costly than multi-component solder slug programs •Solder slugs and wire solder may provide too little or too much solder because of differences in barrel volumes •Widest selection of solderable straights, elbows, flags and lugs, in eight sizes from 6 through 4/0 gauge •Tin plated connectors, 5/16" bolts and shoulder nuts

CABLE GAUGE	COLOUR CODE	STRAIGHT CLAMP		RIGHT ELBOW		LEFT ELBOW		FLAG CONNECTOR		HEAVY WALL LUGS	
		NEGATIVE	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	POSITIVE	3/8"	1/2"
4 & 6	Grey	406304-N	406304-P	-	-	-	-	-	-	486304-F	486304-H
1 & 2	Pink	406301-N	406301-P	416301-N	416301-P	426301-N	426301-P	436301-N	436301-P	486301-F	486301-H
1/0	Black	406310-N	406310-P	416310-N	416310-P	426310-N	426310-P	436310-N	436310-P	486310-F	486310-H
2/0	Orange	406320-N	406320-P	416320-N	416320-P	426320-N	426320-P	436320-N	436320-P	486320-F	486320-H
3/0	Purple	406330-N	406330-P	416330-N	416330-P	426330-N	426330-P	436330-N	436330-P	486330-F	486330-H
4/0	Yellow	406340-N	406340-P	416340-N	416340-P	426340-N	426340-P	436340-N	436340-P	486340-F	486340-H

QUICK® CONNECTORS

•Made of cast copper, tin plated to resist corrosion •Exceeds SAE conductivity standards, J163 and J1811 •Permanent, indelible, readable gauge and polarity stamped on clamp •Quick connectors are listed by UL® (UL® STD.486A) and CUL, when applied with Quick Cable Hex Crimp tools 4255 •All clamps, lugs, and fasteners are tin plated, twice as thick as industry standards •All clamps include tin plated 5/16" battery bolts and shoulder nuts

CABLE GAUGE	COLOUR CODE	STRAIGHT CLAMP			RIGHT ELBOW		LEFT ELBOW		FLAG CONNECTOR		HEAVY WALL COPPER LUGS 3/8"	STUD/SIDE TERMINAL LOCKING 3/8"	IN-LINE STACKABLE DUAL CABLE 3/8"
		NEGATIVE	POSITIVE	UNIVERSAL	NEGATIVE	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	POSITIVE			
4	Grey	-	-	4004-U	-	-	-	-	-	-	-	-	-
2	Green	4002-N	4002-P	-	-	-	-	-	-	-	-	-	-
1	Pink	4001-N	4001-P	-	4101-N	4101-P	4201-N	4201-P	4301-N	4301-P	-	-	-
1/0	Black	4010-N	4010-P	-	4110-N	4110-P	4210-N	4210-P	4310-N	4310-P	4810-F	4910-F	6510-F
2/0	Orange	4020-N	4020-P	-	4120-N	4120-P	4220-N	4220-P	4320-N	4320-P	4820-F	4920-F	6520-F
3/0	Purple	4030-N	4030-P	-	4130-N	4130-P	4230-N	4230-P	4330-N	4330-P	4830-F	4930-F	6530-F
4/0	Yellow	4040-N	4040-P	-	4140-N	4140-P	4240-N	4240-P	4340-N	4340-P	4840-F	4940-F	-

UNIVERSAL CONNECTORS - LIGHT DUTY

•Designed for use with automobile and light trucks •Fits wire gauges 6 through 2/0 gauge •Universal clamp fits positive and negative battery posts

Part No.	Packed	Fits	Type
5088-U	Bulk	Top Post	Brass
5577-U	Bulk	Side Terminal	Lead
5577-CARD	Card/7	Side Terminal	Lead
5588-U	Bulk	Top Post	Lead
5588-CARD	Card/10	Top Post	Lead

UNIVERSAL CONNECTORS - TRUCK & BUS HEAVY DUTY

•Designed for heavy duty use - truck, construction, industrial •Fits wire sizes 1 through 4/0 gauge

Part No.	Packed	Fits	Type
5566-U	Bulk	Universal	Lead
5566-CARD	Card/7	Universal	Lead

MARINE CONNECTORS -

•Quick disconnect for starting circuit •Converts battery post to stud connectors •Meets Coast Guard regulations •All fasteners included •Bulk

Part No.	Packed	Fits	Type
5014-P	Positive	3/8"	Brass
5015-N	Negative	5/16"	Brass
5516-P	Positive	3/8"	Lead
5518-N	Negative	5/16"	Lead

TOP POST-TO-SIDE TERMINAL CONNECTORS

•Permits side terminal cable connection to top terminal battery •Polarity-specific for exact fit on posts - polarity signs molded in •Lead construction - zinc plated hardware included •Sold as pair

Part No. 5520.

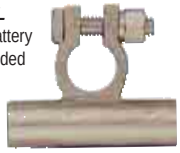
"HIGH OUTPUT" SOLDER CONNECTORS - STRAIGHT CLAMP

•Tin-plated 5/16" battery bolts and nuts included

CABLE GAUGE	NEGATIVE	POSITIVE	UNIVERSAL
4	—	—	3004-U
1/0	3010-N	3010-P	—
2/0	3020-N	3020-P	—
3/0	3030-N	3030-P	—
4/0	3040-N	3040-P	—

"HIGH OUTPUT" SOLDER CONNECTORS - FLAG TERMINALS LONG BARREL

•Tin-plated 5/16" battery bolts and nuts included



CABLE GAUGE	LONG BARREL	
	NEGATIVE	POSITIVE
1/0	3310-N	3310-P
2/0	3320-N	3320-P
3/0	3330-N	3330-P
4/0	3340-N	3340-P

COPPER TUBE LUGS - NON-PLATED

•100% copper seamless tube construction ideal for general purpose applications •May be crimped, soldered or both

CABLE GAUGE	STRAIGHT	
	3/8" EYE	1/2" EYE
6	105038	-
4	105058	105059
2	105078	105079
1	105098	105099
1/0	105118	105119
2/0	105138	105139
3/0	105158	105159
4/0	105178	105179

COPPER BUTT SPLICE - TIN PLATED

•100% copper seamless tube construction ideal for general purpose applications •May be crimped, soldered or both

PART NO.	FITS GAUGE
6650	6
6651	4
6652	2
6653	1
6654	1/0
6655	2/0
6656	3/0
6657	4/0

FASTENER HARDWARE FOR BATTERY APPLICATIONS

Bolt, square head and shoulder nut, 5/16" -18 x 1-1/4".
Part No. 570-412.

Bolt, side terminal, 3/8" -16 x 13/32", for single power lead, OEM type.
Part No. 6703.

Bolt, side terminal, 3/8" -16 x 1", for dual power lead, OEM type.
Part No. 6704.

Nut, closed-cap, 3/8" -16
Part No. 6015.

Adapter bolt, side terminal •3/8" -16 x 13/32", for single lead
Part No. 6007.

Adapter bolt, side terminal •3/8" -16 x 1", for dual power leads
Part No. 6008.

SIDE TERMINAL-TO-TOP POST CONVERSION CONNECTORS

•Permits top terminal cable connection to side terminal battery •Stud head resists over-torque and improves conductivity, zinc-plated stud resists corrosion •Polarity specific for exact fit, oversize polarity signs molded in.
Part No. 5515, sold as pair.
Part No. 5515-CARD, card of 3 pairs.

STUD-TO-TOP POST CONVERSION CONNECTORS

•Converts stud terminal battery to top post, polarity specific for exact fit •Integrally cast 3/8" -16 threaded steel insert with nylon lock ring provides superior electrical and mechanical integrity •3/4" hex base permits precise torquing •Sold as pair
Part No. 5514.

QUICK DISCONNECT

•1/4 turn knob disconnects battery - knob may be removed to increase security •Clamp fits negative top post terminal •For light and medium duty applications
Part No. 850112-N.

MAGNALUG™ INVERTER CONNECTORS

•Can be crimped or soldered •Permanent connection, prevents arcing and shorting •Perfit fit for most inverter connections with screw tab mounting holes •Unique self centering design •Tab length: .75" •Tab width: .21"

Part No. 102804, 4 ga.
Part No. 102802, 2 ga.

PROVIDES PLUG-TO-PLUG QUICK CONNECT

COMBO PACKS 1 HOUSING & 2 CONTACTS				HOUSINGS ONLY 1 HOUSING PER BAG			CONTACTS ONLY - SOLD INDIVIDUALLY		PROTECTIVE COVERS 1 COVER PER BAG	
GAUGE	AMP	COLOUR	PART NO.	AMP	COLOUR	PART NO.	AMP	PART NO.	AMP	PART NO.
2/0	350	Red	124208	350	Red	122208	350	123108	350	126403
2/0	350	Grey	124108	350	Grey	122108				
1/0	175	Red	124207	175	Red	122204	175	123107	175	126402
1/0	175	Grey	124107	175	Grey	122104				
2	175	Blue	124305	175	Blue	122304	175	123105	175	126402
2	175	Grey	124105	175	Grey	122104				
4	175	Blue	124304	175	Blue	122304	175	123104	175	126402
4	175	Grey	124104	175	Grey	122104				
6	50	Red	124203	50	Red	122201	50	123103	50	126401
10/12	50	Red	124201	50	Red	122201	50	123101	50	126401

QUICKCABLE
Your Best Connection

Battery Terminals

HEAVY-DUTY UNIVERSAL SOLDERLESS TERMINALS, LEAD

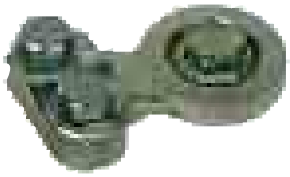
•Ideal for fleet applications •Fits 1 gauge to 3/0 gauge wire sizes
Part No. 76-2591EA, sold individually.
Part No. 69-2591PR, sold as a pair.

UNIVERSAL SOLDERLESS TERMINALS

•Fits 2/0 gauge to 6 gauge wire sizes
Part No. 76-2529EA, brass.
Part No. 76-2620EA, lead.
Part No. 69-2620PR, pair of #76-2620EA.

UNIVERSAL SIDE MOUNT TERMINALS

•Fits 6 gauge to 2/0 gauge wire sizes •Lead
Part No. 76-2588PR, sold as a pair.



BRASS MARINE TERMINALS

Part No. 76-2532EA, universal 5/16" stud with wing nut.
Part No. 76-2535EA, negative 5/16" stud with wing nut.
Part No. 76-2536EA, positive 3/8" stud with wing nut.
Part No. 76-2534PR, one pair (#76-2535EA and #76-2536EA) per package.

ELBOW STUD-TYPE TERMINALS

•3/8" x 3/4" stud with hex nut •Brass
Part No. 76-2527EA, negative.
Part No. 76-2528EA, positive.

POST-MOUNT BATTERY TERMINALS

•Brass straight type closed barrel
Part No. 76-2563EA, universal, fits 1 and 2 ga.
Part No. 76-2553EA, universal, fits 1/0 ga.

BRASS 90° ELBOW TERMINALS

•Universal (right or left)
Part No. 76-2561EA, universal, fits 1 and 2 ga.
Part No. 76-2562EA, universal, fits 1/0 and 2/0 ga.

CRIMPABLE/SOLDER TERMINALS

•100% pure copper, tin plated for superior conductivity and maximum corrosion prevention •Extended barrel provides a better connection •For additional protection against corrosion, heat shrink tubing should be used after crimping •Terminals may be soldered

Straight Barrel
Part No. 76-2504EA, universal, fits 4 ga.
Part No. 76-2505EA, positive, fits 1 ga.
Part No. 76-2506EA, negative, fits 1 ga.
Part No. 76-2507EA, positive, fits 1/0 ga.
Part No. 76-2508EA, negative, fits 1/0 ga.
Part No. 76-2509EA, positive, fits 2/0 ga.
Part No. 76-2510EA, negative, fits 2/0 ga.
Part No. 76-2511EA, negative, fits 3/0 ga.
Part No. 76-2512EA, positive, fits 3/0 ga.
Part No. 76-2513EA, negative, fits 4/0 ga.
Part No. 76-2514EA, positive, fits 4/0 ga.

Flag Style
Part No. 76-2523EA, negative, fits 2/0 ga.
Part No. 76-2524EA, positive, fits 2/0 ga.
Part No. 76-2525EA, negative, fits 3/0 ga.
Part No. 76-2526EA, positive, fits 3/0 ga.

HEFTY BATTERY LUGS - COLOUR CODED (HEAVY DUTY)

•Pure electrolytic copper with tin plating •Over twice the copper weight of regular lugs •Colour coded to match crimping dies
Part No. 76-2301EA, 6 ga. blue #10
Part No. 76-2302EA, 6 ga. blue 1/4"
Part No. 76-2303EA, 6 ga. blue 5/16"
Part No. 76-2304EA, 6 ga. blue 3/8"
Part No. 76-2311EA, 4 ga. grey #10
Part No. 76-2312EA, 4 ga. grey 1/4"
Part No. 76-2313EA, 4 ga. grey 5/16"
Part No. 76-2314EA, 4 ga. grey 3/8"
Part No. 76-2315EA, 4 ga. grey 1/2"
Part No. 76-2320EA, 2-1 ga. pink 1/4"
Part No. 76-2321EA, 2-1 ga. pink 5/16"
Part No. 76-2322EA, 2-1 ga. pink 3/8"
Part No. 76-2323EA, 2-1 ga. pink 1/2"
Part No. 76-2330EA, 1/0 ga. black 1/4"
Part No. 76-2331EA, 1/0 ga. black 5/16"
Part No. 76-2332EA, 1/0 ga. black 3/8"
Part No. 76-2333EA, 1/0 ga. black 1/2"
Part No. 76-2340EA, 2/0 ga. orange 1/4"
Part No. 76-2341EA, 2/0 ga. orange 5/16"
Part No. 76-2342EA, 2/0 ga. orange 3/8"
Part No. 76-2343EA, 2/0 ga. orange 1/2"
Part No. 76-2350EA, 3/0 ga. purple 3/8"
Part No. 76-2351EA, 3/0 ga. purple 1/2"
Part No. 76-2360EA, 4/0 ga. yellow 3/8"
Part No. 76-2361EA, 4/0 ga. yellow 1/2"

CRIMPABLE BATTERY TERMINALS - CLOSED-TYPE (STANDARD DUTY)

•100% pure copper lugs
Part No. 66-2551PK, 8 ga. #10 - 4PK
Part No. 76-2551EA, 8 ga. #10
Part No. 66-2550PK, 6 ga. 5/16" - 2PK
Part No. 76-2550EA, 6 ga. 5/16"
Part No. 66-2549PK, 6 ga. 3/8" - 2PK
Part No. 76-2549EA, 6 ga. 3/8"
Part No. 66-2548PK, 6 ga. 1/4" - 2PK
Part No. 76-2548EA, 6 ga. 1/4"
Part No. 66-2441PK, 4 ga. 1/4" - 2PK
Part No. 76-2441EA, 4 ga. 1/4"
Part No. 66-2443PK, 4 ga. 5/16" - 2PK
Part No. 76-2443EA, 4 ga. 5/16"
Part No. 66-2547PK, 4 ga. 3/8" - 2PK
Part No. 76-2547EA, 4 ga. 3/8"
Part No. 66-2444PK, 2 ga. 5/16" - 2PK
Part No. 76-2444EA, 2 ga. 5/16"
Part No. 66-2445PK, 2 ga. 3/8" - 2PK
Part No. 76-2445EA, 2 ga. 3/8"
Part No. 66-2545PK, 1 ga. 3/8" - 2PK
Part No. 76-2545EA, 1 ga. 3/8"
Part No. 66-2546PK, 1 ga. 1/2" - 2PK
Part No. 76-2546EA, 1 ga. 1/2"
Part No. 66-2544PK, 1/0 ga. 3/8" - 2PK
Part No. 76-2544EA, 1/0 ga. 3/8"
Part No. 66-2543PK, 1/0 ga. 1/2" - 2PK
Part No. 76-2543EA, 1/0 ga. 1/2"
Part No. 66-2541PK, 2/0 ga. 3/8" - 2PK
Part No. 76-2541EA, 2/0 ga. 3/8"
Part No. 66-2540PK, 2/0 ga. 1/2" - 2PK
Part No. 76-2540EA, 2/0 ga. 1/2"
Part No. 66-2542PK, 3/0 ga. 3/8" - 2PK
Part No. 76-2542EA, 3/0 ga. 3/8"
Part No. 66-2539PK, 3/0 ga. 1/2" - 2PK
Part No. 76-2539EA, 3/0 ga. 1/2"
Part No. 66-2538PK, 4/0 ga. 3/8" - 2PK
Part No. 76-2538EA, 4/0 ga. 3/8"
Part No. 66-2537PK, 4/0 ga. 1/2" - 2PK
Part No. 76-2537EA, 4/0 ga. 1/2"

CRIMPABLE BATTERY TERMINALS - CLOSED-TYPE (STANDARD DUTY)

•Tin plated copper lugs •Flared ends for easy cable insertion
Part No. 76-2280EA, 8 ga. #10
Part No. 76-2281EA, 8 ga. 1/4"
Part No. 76-2282EA, 8 ga. 5/16"
Part No. 76-2283EA, 8 ga. 3/8"
Part No. 76-2200EA, 6 ga. #10
Part No. 76-2201EA, 6 ga. 1/4"
Part No. 76-2202EA, 6 ga. 5/16"
Part No. 76-2203EA, 6 ga. 3/8"
Part No. 76-2210EA, 4 ga. 10"
Part No. 76-2211EA, 4 ga. 1/4"
Part No. 76-2212EA, 4 ga. 5/16"
Part No. 76-2213EA, 4 ga. 3/8"
Part No. 76-2214EA, 4 ga. 1/2"
Part No. 76-2220EA, 2 ga. 1/4"
Part No. 76-2221EA, 2 ga. 5/16"
Part No. 76-2222EA, 2 ga. 3/8"
Part No. 76-2223EA, 2 ga. 1/2"
Part No. 76-2230EA, 1 ga. 1/4"
Part No. 76-2231EA, 1 ga. 5/16"
Part No. 76-2232EA, 1 ga. 3/8"
Part No. 76-2233EA, 1 ga. 1/2"
Part No. 76-2240EA, 1/0 ga. 1/4"
Part No. 76-2241EA, 1/0 ga. 5/16"
Part No. 76-2242EA, 1/0 ga. 3/8"
Part No. 76-2243EA, 1/0 ga. 1/2"
Part No. 76-2250EA, 2/0 ga. 1/4"
Part No. 76-2251EA, 2/0 ga. 5/16"
Part No. 76-2252EA, 2/0 ga. 3/8"
Part No. 76-2253EA, 2/0 ga. 1/2"
Part No. 76-2260EA, 3/0 ga. 3/8"
Part No. 76-2261EA, 3/0 ga. 1/2"
Part No. 76-2270EA, 4/0 ga. 3/8"
Part No. 76-2271EA, 4/0 ga. 1/2"

BRASS SPLIT-BARREL TERMINALS

Part No. 76-2575EA, universal, fits 1 ga. and 2 ga.
Part No. 76-2569EA, positive, fits 1/0 ga. and 2/0 ga.
Part No. 76-2571EA, negative, fits 1/0 ga. and 2/0 ga.
Part No. 76-2560EA, universal, fits 1/0 ga. and 2/0 ga.
Part No. 76-2570EA, positive, fits 3/0 ga. and 4/0 ga.
Part No. 76-2572EA, negative, fits 3/0 ga. and 4/0 ga.

ta TECHSPAN AUTOMOTIVE

Automotive & Heavy Duty Electrical Products

TECHSPAN IND. INC.
Battery Terminals

BATTERY CABLE BUTT CONNECTORS (STANDARD DUTY)

•Tin-plated copper splice connectors •Flared ends for easy cable insertion
Part No. 66-2579PK, 8 ga - 2PK
Part No. 66-2580PK, 6 ga - 2PK
Part No. 76-2580EA, 6 ga.
Part No. 66-2581PK, 4 ga. - 2PK
Part No. 76-2581EA, 4 ga.
Part No. 66-2582PK, 2 ga. - 2PK
Part No. 76-2582EA, 2 ga.
Part No. 66-2583PK, 1 ga. - 2PK
Part No. 76-2583EA, 1 ga.
Part No. 66-2584PK, 1/0 ga. - 2PK
Part No. 76-2584EA, 1/0 ga.
Part No. 66-2585PK, 2/0 ga. - 2PK
Part No. 76-2585EA, 2/0 ga.
Part No. 66-2586PK, 3/0 ga. - 2PK
Part No. 76-2586EA, 3/0 ga.
Part No. 66-2587PK, 4/0 ga. - 2PK
Part No. 76-2587EA, 4/0 ga.

HEFTY BATTERY SPLICE - COLOUR CODED (HEAVY DUTY)

•Pure electrolytic copper with tin plating •Over twice the copper weight of regular splices
•Colour coded to match crimping dies
Part No. 76-2380EA, 6 ga. blue
Part No. 76-2381EA, 4 ga. grey
Part No. 76-2382EA, 2-1 ga. pink
Part No. 76-2383EA, 1/0 ga. black
Part No. 76-2384EA, 2/0 ga. orange
Part No. 76-2385EA, 3/0 ga. purple
Part No. 76-2386EA, 4/0 ga. yellow

SIDE ADAPTER

•Side post stud for battery accessories •Solid brass construction •1/4" accessory bolt
Part No. 76-2624EA.

BATTERY TERMINAL ADAPTERS - CONVERSATION KIT, LEAD

•Converts post-type battery to accept side-type battery cables •One pair (positive and negative) per package
Part No. 76-2590PR.

SIDE TERMINAL BATTERY BOLT

•3/8" x 1-1/16" side terminal battery bolt
Part No. 76-2501EA.

SIDE TERMINAL CHARGING POST ADAPTER

•3/8" threaded stud •One pair (positive and negative) per package
Part No. 76-2589PR.

ta
TECHSPAN AUTOMOTIVE

ZINC PLATED BOLT & NUT

•5/16"-18 x 1-1/4" complete with raised shoulder nut
Part No. 76-1164EA.
Part No. 76-1164PK, Pack of 50.

® TECHSPAN AUTOMOTIVE

GROTE
Battery Connectors

AUTOMOTIVE BATTERY CONNECTORS

•Automotive and light truck applications •Universal clamp and side terminal styles; constructed of lead or brass •Accept 6 through 2/0 gauge cable sizes •Zinc-plated steel hardware included

PART NO.	DESCRIPTION
Brass; zinc-plated	
84-9126EA	Clamp, universal polarity
84-9126PK	Clamp, universal polarity, 25 pack
Lead; zinc-plated	
84-9134EA	Side terminal, universal polarity
84-9134PK	Side terminal, universal polarity, 25 pk
84-9135EA	Clamp, universal polarity
84-9135PK	Clamp, universal polarity, 25 pack

HEAVY DUTY BATTERY CONNECTORS

•Clamps designed for truck, bus, construction, agricultural and industrial applications •Polarity-specific brass or universal polarity lead construction; hardware included •Accept 1 through 4/0 gauge cable •Lead; zinc-plated

PART NO.	DESCRIPTION
84-9133EA	Clamp, universal polarity
84-9133PK	Clamp, universal polarity, 25 pack

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The first name in vehicle safety systems®

MARINE CONNECTORS

•Converts battery post to stud connector •Permits quick disconnection from battery; eliminates current drain during storage •Polarity-specific; meets U.S.C.G. regulations •Zinc-plated steel fasteners included

PART NO.	DESCRIPTION	STUD SIZE	MATERIAL	PACK SIZE
84-9124EA	Top post ; Positive	5/16"	Brass	1
84-9124PK	Top post ; Positive	5/16"	Brass	25
84-9125EA	Top post ; Negative	5/16"	Brass	1
84-9125PK	Top post ; Negative	5/16"	Brass	25
84-9541EA	Top post ; Positive	3/8"	Lead	1
84-9541PK	Top post ; Positive	3/8"	Lead	25
84-9542EA	Top post ; Negative	5/16"	Lead	1
84-9542PK	Top post ; Negative	5/16"	Lead	25

Die-Cast Battery Connectors

•UL listed - proven conductivity and safety •Exceeds SAE conductivity standards •All clamps, lugs and fasteners are tin plated, twice as thick as industry standards •All clamps include tin plated 5/16" battery bolts and shoulder nuts •Copper die cast •Crimped or soldered

(A)STRAIGHT BARREL CLAMP

CABLE GAUGE	COLOUR CODE	NEGATIVE	POSITIVE	PACK
4	Grey	84-9053EA	84-9054EA	1
4	Grey	84-9053PK	84-9054PK	5
2	Green	84-9050EA	84-9051EA	1
2	Green	84-9050PK	84-9051PK	5
1	Pink	84-9047EA	84-9048EA	1
1	Pink	84-9047PK	84-9048PK	5
1/0	Black	84-9056EA	84-9057EA	1
1/0	Black	84-9056PK	84-9057PK	5
2/0	Orange	84-9058EA	84-9059EA	1
2/0	Orange	84-9058PK	84-9059PK	5
3/0	Purple	84-9060EA	84-9061EA	1
3/0	Purple	84-9060PK	84-9061PK	5
4/0	Yellow	84-9062EA	84-9063EA	1
4/0	Yellow	84-9062PK	84-9063PK	5

(B) FLAG CONNECTOR

CABLE GAUGE	COLOUR CODE	NEGATIVE	POSITIVE	PACK
2	Green	84-9093EA	84-9094EA	1
2	Green	84-9093PK	84-9094PK	5
1	Pink	84-9091EA	84-9092EA	1
1	Pink	84-9091PK	84-9092PK	5
1/0	Black	84-9095EA	84-9096EA	1
1/0	Black	84-9095PK	84-9096PK	5
2/0	Orange	84-9097EA	84-9098EA	1
2/0	Orange	84-9097PK	84-9098PK	5
3/0	Purple	84-9099EA	84-9100EA	1
3/0	Purple	84-9099PK	84-9100PK	5
4/0	Yellow	84-6010EA	84-6011EA	1
4/0	Yellow	84-6010PK	84-6011PK	5

(C) HEAVY WALL COPPER LUGS

CABLE GAUGE	5/16"	3/8"	1/2"	PACK
4	84-9105EA	84-9106EA	84-9107EA	1
4	84-9105PK	84-9106PK	84-9107PK	5
2	-	84-9103EA	84-9104EA	1
2	-	84-9103PK	84-9104PK	5
1	-	84-9101EA	84-9102EA	1
1	-	84-9101PK	84-9102PK	5
1/0	-	84-9108EA	84-9109EA	1
1/0	-	84-9108PK	84-9109PK	5
2/0	-	84-9110EA	84-9111EA	1
2/0	-	84-9110PK	84-9111PK	5
3/0	-	84-9112EA	84-9113EA	1
3/0	-	84-9112PK	84-9113PK	5
4/0	-	84-9114EA	84-9115EA	1
4/0	-	84-9114PK	84-9115PK	5
6/0	-	84-9291EA	-	1
6/0	-	84-9291PK	-	5

(D) STUD/SIDE LOCKING LUG

CABLE GAUGE	3/8"	COLOUR	PACK
1/0	84-9308EA	Black	1
1/0	84-9308PK	Black	5
2/0	84-9309EA	Orange	1
2/0	84-9309PK	Orange	5
3/0	84-9310EA	Purple	1
3/0	84-9310PK	Purple	5
4/0	84-9311EA	Yellow	1
4/0	84-9311PK	Yellow	5

Magnalug® Battery Connectors

•UL listed - Exceeds SAE conductivity standards •MagnaLugs are superior to standard tube lugs •Wider pad for better electrical contact; thicker pad for greater strength and conductivity •Up to 80% heavier wall than standard lugs •Made of 100% copper, tin plated twice as thick as industry standards •For truck, bus, farm or construction equipment •Flameless installation, safe for repair shop or field repair

(E) STARTER/GROUND COPPER LUGS

CABLE GAUGE	COLOUR CODE	1/4"	3/8"	1/2"	PACK
4	Grey	84-9199EA	84-9200EA	84-9201EA	1
4	Grey	84-9199PK	84-9200PK	84-9201PK	5
1&2	Pink	84-9196EA	84-9197EA	84-9198EA	1
1&2	Pink	84-9196PK	84-9197PK	84-9198PK	5
1/0	Black	84-9202EA	84-9203EA	84-9204EA	1
1/0	Black	84-9202PK	84-9203PK	84-9204PK	5
2/0	Orange	84-9205EA	84-9206EA	84-9207EA	1
2/0	Orange	84-9205PK	84-9206PK	84-9207PK	5
3/0	Purple	-	84-9208EA	84-9209EA	1
3/0	Purple	-	84-9208PK	84-9209PK	5
4/0	Yellow	-	84-9210EA	84-9211EA	1
4/0	Yellow	-	84-9210PK	84-9211PK	5

(F) SPLICES

CABLE GAUGE	COLOUR CODE	DUAL WIRE	PACK
4	Grey	84-9219EA	1
4	Grey	84-9219PK	10
1&2	Pink	84-9218EA	1
1&2	Pink	84-9218PK	10
1/0	Black	84-9220EA	1
1/0	Black	84-9220PK	10
2/0	Orange	84-9221EA	1
2/0	Orange	84-9221PK	10
3/0	Purple	84-9222EA	1
3/0	Purple	84-9222PK	10
4/0	Yellow	84-9223EA	1
4/0	Yellow	84-9223PK	10

(G) NON-ROTATING LUGS - END TERMINAL

CABLE GAUGE	COLOUR CODE	END TERMINAL	PACK
1/0	Black	84-9192EA	1
1/0	Black	84-9192PK	5
2/0	Orange	84-9193EA	1
2/0	Orange	84-9193PK	5

Tin Plated Copper Tube Lugs

•Seamless 100% copper tube construction •Heavy tin-plated for superior conductivity and resistance to corrosion •Ideal for general wiring as well as starter or ground connections •Can be crimped or soldered

STARTER GROUND LUGS

CABLE GAUGE	#10	1/4"	5/16"	3/8"	1/2"	PACK
8	84-9164EA	84-9165EA	-	-	-	1
8	84-9164PK	84-9165PK	-	-	-	25
6	-	84-9166EA	84-9167EA	84-9168EA	-	1
6	-	84-9166PK	84-9167PK	84-9168PK	-	25
4	-	84-9317EA	84-9169EA	84-9170EA	-	1
4	-	84-9317PK	84-9169PK	84-9170PK	-	25
2	-	84-9318EA	84-9319EA	84-9171EA	84-9172EA	1
2	-	84-9318PK	84-9319PK	84-9171PK	84-9172PK	25
1	-	-	-	84-9173EA	84-9174EA	1
1	-	-	-	84-9173PK	84-9174PK	25
1/0	-	-	-	84-9175EA	84-9176EA	1
1/0	-	-	-	84-9175PK	84-9176PK	25
2/0	-	-	-	84-9177EA	84-9178EA	1
2/0	-	-	-	84-9177PK	84-9178PK	25
3/0	-	-	-	84-9179EA	84-9180EA	1
3/0	-	-	-	84-9179PK	84-9180PK	25
4/0	-	-	-	84-9181EA	84-9182EA	1
4/0	-	-	-	84-9181PK	84-9182PK	25

Grote®
The first name in vehicle safety systems®

GROTE

Battery Terminals – Conversion Connectors & Adapters

TOP POST-TO-SIDE TERMINAL CONNECTORS

•Permits side terminal cable connection to top terminal battery •Polarity-specific for exact fit on posts; polarity signs molded in •Lead construction - zinc plated hardware included •Sold as pair

Part No. 84-9132PR.

SIDE TERMINAL-TO-TOP POST CONVERSION CONNECTORS

•Permits top terminal cable connection to side terminal battery •Stud head resists over-torque and improves conductivity; zinc-plated stud resists corrosion •Polarity-specific for exact fit on posts; oversize polarity signs molded in •Lead construction - zinc plated hardware included •Sold as pair

Part No. 82-9131PR.

STUD-TO-TOP POST CONVERSION CONNECTORS

•Converts stud terminal battery to top post; polarity specific for exact fit •Integrally-cast 3/8" - 16 threaded steel insert and nylon lock ring provide superior electrical and mechanical integrity •3/4" hex base permits precise torquing •Sold as pair

Part No. 82-9130PR.

ADAPTER NUT

•Connects power-hungry accessories directly to battery •Fits standard battery bolt; select from three input threads •Adapter nut, top terminal accessory post 5/16" - 18 x 15/16" inside thread •Accessory stud: 5/16" - 18 x 3/4" •Brass; zinc-plated steel fasteners

Part No. 84-9185EA, sold as each.
Part No. 84-9185PK, pack of 5.

BOLT, SQUARE HEAD & SHOULDER NUT

•5/16" -18 x 1-3/8" •Steel, tin-plated

Part No. 84-9183EA, sold as each.
Part No. 84-9183PK, pack of 25.

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Ground Straps

BRAIDED GROUND STRAPS

•3/8" Clamp-to-Lug •Corrosion resistant tin plating

PART NO. 2 GAUGE	CENTRE to CENTRE LENGTH
84-9239EA	9"
84-9240EA	13"

BOLT, SIDE TERMINAL

•3/8" -16 x 13/32", for single lead •OEM type •Steel, zinc-plated

Part No. 84-9216EA, sold as each.
Part No. 84-9216PK, pack of 25.

BOLT, SIDE TERMINAL

•3/8" -16 x 1", for dual power leads •OEM type •Steel, zinc-plated

Part No. 84-9217EA, sold as each.
Part No. 84-9217PK, pack of 25.

NUT, CLOSED CAP

•3/8" -16, •Stainless steel

Part No. 84-9184EA, sold as each.
Part No. 84-9184PK, pack of 25.

BATTERY NUT & BOLT

•5/16" -18 x 1-3/8", •Steel zinc plated

Part No. 84-9289EA, sold as each.
Part No. 84-9289PK, pack of 25.

Battery Field Repair Kit With Hexcrimp®

KIT CONTENTS:

Description	Re-Order Part No.
1 - HexCrimp Tool	84-9082EA
1 - 9" cutter	84-9088EA
5 - 2/0 straight clamp - positive	84-9059EA
5 - 2/0 straight clamp - negative	84-9058EA
2 - 2/0 flag clamp - positive	84-9098EA
2 - 2/0 flag clamp - negative	84-9097EA
5 - 2/0 starter/ground lug - 3/8" hole	84-9110EA
5 - 2/0 starter/ground lug - 1/2" hole	84-9111EA
5 - Terminal Protector straight - black	84-9142EA
5 - Terminal Protector straight - red	84-9143EA

•Contains components (except cable) needed to build or repair 2/0 battery cables •The carrying case is made of steel, finished in corrosion resistant baked grey enamel •In addition to compartments for connectors, etc., the carrying case will hold all major cutting and crimping tools

Part No. 84-9290EA.

Battery Cables

•Meet or exceed SAE specifications; ideal for OEM replacement •100% copper wire with black PVC insulation •Tinning of copper wire before casting ensures perfect bond between wire and connector •Antimonial lead connectors resist corrosion; die-cast process seals copper wire from acid fumes and corrosive salts

TOP POST BATTERY CABLES

•Standard 3/8" stud hole

PART NO. 4 GAUGE	PART NO. 1 GAUGE	CENTRE to CENTRE LENGTH
84-9224EA	-	10"
84-9225EA	84-9241EA	12"
82-7014EA	-	14"
84-9226EA	-	15"
-	84-9242EA	16"
84-9230EA	84-9243EA	19"
84-9231EA	-	24"
82-7025EA	-	25"
84-9232EA	84-9244EA	27"
84-9233EA	84-9245EA	30"
84-9234EA	-	32"
-	84-9246EA	36"
84-9235EA	-	37"
-	84-9247EA	41"
84-9236EA	-	42"
84-9237EA	84-9248EA	48"
82-7053EA	-	53"
84-9238EA	-	60"
82-7072EA	-	72"

SIDE TERMINAL BATTERY CABLES

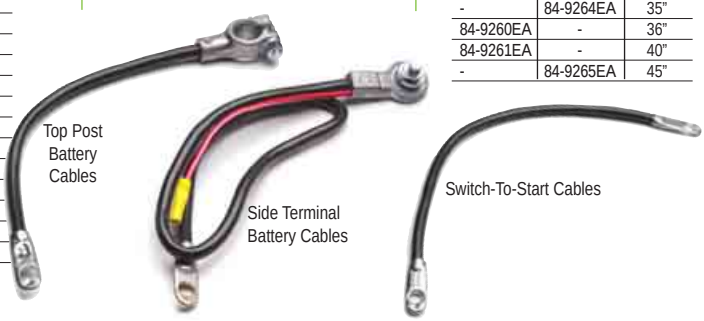
•3/8" -16 x 13/32" bolts •1/2" hex head bolt

PART NO. 4 GAUGE	CENTRE to CENTRE LENGTH
84-9249EA	15"
84-9250EA	25"
84-9251EA	35"
84-9252EA	45"
84-9253EA	55"
84-9254EA	65"

SWITCH-TO-START CABLES

•3/8" lugs •Lug to lug

PART NO. 4 GAUGE	PART NO. 1 GAUGE	CENTRE to CENTRE LENGTH
84-9255EA	-	10"
84-9256EA	84-9262EA	15"
84-9257EA	-	18"
84-9258EA	-	24"
-	84-9263EA	25"
84-9259EA	-	33"
-	84-9264EA	35"
84-9260EA	-	36"
84-9261EA	-	40"
-	84-9265EA	45"



Battery Harnesses

QUICKLINK® STUD BATTERY HARNESSES

•Heavy 2/0 gauge copper welding cable is colour-coded and rubber insulated; provides easier tight space routing and best cold weather flexibility •Stackable die-cast copper lugs have 36 anti-rotational teeth for solid bite

Centre Dimension: 8½"
Typical Battery Layout: Side -by-Side
Part No. 84-9304EA, Negative.
Part No. 84-9305EA, Positive.

Centre Dimension: 17"
Typical Battery Layout: End-to-End
Part No. 84-9306EA, Negative.
Part No. 84-9307EA, Positive.

Battery / Jumper / Grounding Cables

HEAVY-DUTY BATTERY CABLES

•Corrosion-resistant, heavy duty lead die cast terminals •Flexible 100% copper stranded PVC jacketed cable •2/0 gauge

PART NO.	LENGTH
76-9380EA	12" (30.5 cm)
76-9381EA	24" (61.0 cm)
76-9382EA	36" (91.4 cm)
76-9383EA	48" (122.0 cm)
76-9384EA	60" (152.4 cm)
76-9385EA	72" (182.8 cm)

FIFTH WHEEL GROUND STRAP, TINNED COPPER BRAID

•2/0 gauge

PART NO.	LENGTH
76-9330EA	8" (20.3 cm)
76-9332EA	14" (35.6 cm)

HEAVY-DUTY BATTERY JUMPER CABLES

•Corrosion-resistant, lead die cast terminals, flexible EPDM jacketed welding cable •2/0 gauge

PART NO.	LENGTH	TERMINAL POSITION
76-9386EA	8" (20.3 cm)	Straight
76-9387EA	8" (20.3 cm)	Angled, same side
76-9388EA	8" (20.3 cm)	Angled, offset
76-9389EA	12" (30.5 cm)	Straight
76-9390EA	12" (30.5 cm)	Angled, same side
76-9391EA	12" (30.5 cm)	Angled, offset
76-9392EA	19" (48.3 cm)	Straight
76-9393EA	19" (48.3 cm)	Angled, same side
76-9394EA	19" (48.3 cm)	Angled, offset

BONDING STRAP, TINNED COPPER BRAID

•Replaces OE strap and insulated type jumpers between firewall and engine valve cover or block •Grounds charging system to prevent dimming of lights and reduces radio noise by bonding metal parts •Fits most engines

PART NO.	LENGTH
76-9329EA	14" (35.6 cm)

These battery cables are made of quality copper conductor with cast antimonial lead universal terminals. Full gauge stranded copper core is flexible for easy installation and allows maximum current for quick starting. Copper core extends to the end of the plated lug to give a one-piece solid connection. Colour coded PVC insulation. Meets SAE standards.

TOP POST BATTERY CABLES

Fits up to 3/8" stud. Without lead.

PART NO. RED	PART NO. BLACK	LENGTH	GAUGE
76-7821EA	76-7721EA	10"	4
76-7822EA	76-7722EA	12"	4
76-7823EA	76-7723EA	15"	4
76-7825EA	76-7725EA	20"	4
76-7826EA	76-7726EA	25"	4
76-7828EA	76-7728EA	32"	4
76-7829EA	76-7729EA	34"	4
76-7830EA	76-7730EA	38"	4
76-7831EA	76-7731EA	43"	4
76-7832EA	76-7732EA	48"	4
76-7833EA	76-7733EA	53"	4
76-7834EA	76-7734EA	56"	4
76-7836EA	76-7736EA	65"	4
76-7837EA	76-7737EA	72"	4
76-7622EA	76-7422EA	12"	6
—	76-7122EA	14"	1
—	76-7125EA	20"	1
—	76-7126EA	24"	1
—	76-7128EA	31"	1
—	76-7131EA	41"	1
—	76-7135EA	58"	1
—	76-7136EA	66"	1

DUAL LEAD CABLE FOR CHRYSLER

For use in Chrysler vehicles (1976 and newer) requiring multi-lead cable for positive terminal connection. Cable is 6 ga. red; leads consist of one 10 gauge and one 12 gauge wire.

PART NO.	LENGTH
76-7667EA	38"
76-7668EA	48"
76-7669EA	58"

SIDE TERMINAL BATTERY CABLE

Fits up to 3/8" stud. With 1 auxiliary lead (6", 12 gauge).

PART NO. RED	PART NO. BLACK	LENGTH	GAUGE
76-7871EA	76-7771EA	20"	4
76-7872EA	76-7772EA	25"	4
76-7873EA	76-7773EA	30"	4
76-7874EA	76-7774EA	35"	4
76-7875EA	76-7775EA	40"	4
76-7876EA	76-7776EA	45"	4
76-7877EA	76-7777EA	50"	4
76-7878EA	76-7778EA	55"	4
76-7879EA	76-7779EA	65"	4

SWITCH-TO-STARTER CABLES

Fits up to 3/8" stud. Recommended for engine-to-ground connections.

PART NO. RED	LENGTH	GAUGE
76-7801EA	16"	4
76-7802EA	18"	4
76-7803EA	24"	4
76-7804EA	32"	4
76-7806EA	40"	4
76-7808EA	49"	4
76-7600EA	12"	6

STUD BATTERY HARNESSES (STACKABLE)

Made with 2/0 welding cable for extra flexibility, these harnesses contain colour-coded cable for quick and easy polarity identification. The cast copper lugs provide durability and excellent conductivity. These lugs contain a 3/8" hole at both ends.

PART NO. RED	PART NO. BLACK	LENGTH	LAYOUT
76-7898EA	76-7798EA	8½"	side by side
76-7899EA	76-7799EA	17"	end to end

TOP POST BATTERY CABLES

Fits up to 3/8" stud. With 1 auxiliary lead (6", 12 gauge).

PART NO. RED	PART NO. BLACK	LENGTH	GAUGE
76-7853EA	76-7753EA	20"	4
76-7854EA	76-7754EA	25"	4
76-7856EA	76-7756EA	32"	4
76-7858EA	76-7758EA	38"	4
76-7859EA	76-7759EA	43"	4
76-7860EA	76-7760EA	48"	4
76-7861EA	76-7761EA	53"	4
76-7863EA	76-7763EA	65"	4

TECHSPAN AUTOMOTIVE

TOP POST CABLES

PART NO.	LENGTH	GAUGE
7010	10”	4
7015	15”	4
7024	24”	4
7027	27”	4
7034	34”	4
7037	37”	4
7058	58”	4
7112	12”	1
7127	27”	1
7130	30”	1
7138	38”	1
7142	42”	1
7165	65”	1
7178	78”	1

SIDE TERMINAL CABLES W/ LEADS

PART NO.	LENGTH	GAUGE
7320	20”	4
7325	25”	4
7330	30”	4
7335	35”	4
7340	40”	4
7345	45”	4
7350	50”	4
7355	55”	4
7365	65”	4

HEAVY DUTY BATTERY CABLES — TOP POST CABLES

PART NO.	LENGTH	POLARITY
7910PH	10”	positive
7925PH	25”	positive
7935PH	35”	positive
7950PH	50”	positive
7960PH	60”	positive
7970PH	70”	positive
7910NH	10”	negative
7925NH	25”	negative
7935NH	35”	negative
7950NH	50”	negative
7960NH	60”	negative
7970NH	70”	negative

TOP POST CABLES W/ LEADS

PART NO.	LENGTH	GAUGE
7025LW	25”	4
7032LW	32”	4
7042LW	42”	4
7053LW	53”	4
7065LW	65”	4
7072LW	72”	4
7078LW	78”	4

SWITCH-TO-STARTER CABLES

•Standard 3/8” stud hole

PART NO.	LENGTH	GAUGE
7415	15”	4
7420	20”	4
7440	40”	4
7445	45”	4
7460	60”	4
7515	15”	1
7525	25”	1
7535	35”	1
7545	45”	1

BATTERY-TO-BATTERY CABLES

PART NO.	LENGTH	GAUGE
7501	7”	2/0
7505	12”	2/0

CHRYSLER DUAL LEAD CABLE

PART NO.	LENGTH	GAUGE
7238	38”	6
7248	48”	6
7258	58”	6

BRAIDED GROUND STRAP — CLAMP TO LUG

PART NO.	LENGTH	GAUGE
7001	9”	4
7003	13”	4
7004	18”	4
7005	24”	4

BATTERY JUMPERS — LEAD CLAMPS

PART NO.	LENGTH	GAUGE
7586	8”	2/0
7587	12”	2/0
7588	18”	2/0
7589	24”	2/0

BRAIDED GROUND STRAP — LUG TO LUG

PART NO.	LENGTH	GAUGE
7401	9”	4
7403	13”	4

STUD BATTERY HARNESSES

PART NO.	LENGTH	GAUGE	POLARITY
7625	8½”	2/0	Negative
7626	8½”	2/0	Positive
7630	17”	2/0	Negative
7631	17”	2/0	Postive

QUICKCABLE®
Your Best Connection

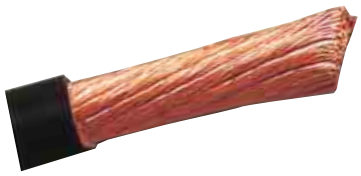
PHILATRON

RRR/3171

Battery Cable – Type SGT

Application: Automobiles, boats, buses, RVs, trailers and trucks
Features: Constructed with soft-annealed, flexible, stranded copper and insulated with high quality thermoplastic
Standards: SAE J1127 Type SGT
Note: Sold by the foot. 100 ft. rolls.

PART NO.	AWG SIZE	STRANDING	NOM O.D.	COLOUR
BAT-6BK	6 AWG	49	.308"	Black
BAT-6RE	6 AWG	49	.308"	Red
BAT-4BK	4 AWG	133	.350"	Black
BAT-4RE	4 AWG	133	.350"	Red
BAT-2BK	2 AWG	133	.455"	Black
BAT-2RE	2 AWG	133	.455"	Red
BAT-1BK	1 AWG	133	.490"	Black
BAT-1RE	1 AWG	133	.490"	Red
BAT-1/0BK	1/0 AWG	133	.535"	Black
BAT-2/0BK	2/0 AWG	133	.585"	Black
BAT-3/0BK	3/0 AWG	259	.675"	Black
BAT-4/0BK	4/0 AWG	259	.740"	Black



TECHSPAN IND. INC.

TEC/3760

Rubber Jacketed Battery Cable

•SAE specification J1127 type SGR. 100% copper conductor, finely stranded •Oil and acid resistant, excellent flame retardant characteristics

PART NO.	CABLE GAUGE	OUTSIDE DIA.	STRANDING
1 ft. - Sold by the foot			
76-9266FT	6	.272"	7 x 18 x .0142"
76-9265FT	4	.350"	7 x 27 x .0142"
76-9262FT	2	.460"	19 x 16 x .0142"
76-9260FT	1	.460"	19 x 21 x .0142"
76-9261FT	1/0	.510"	19 x 26 x .0142"
76-9263FT	2/0	.570"	19 x 22 x .0179"
76-9267FT	3/0	.640"	19 x 35 x .0159"
76-9287FT	4/0	.699"	19 x 44 x .0159"
25 ft. roll			
76-9256RL	6	.272"	7 x 18 x .0142"
76-9255RL	4	.350"	7 x 27 x .0142"
76-9252RL	2	.460"	19 x 16 x .0142"
76-9250RL	1	.460"	19 x 21 x .0142"
76-9251RL	1/0	.510"	19 x 26 x .0142"
76-9253RL	2/0	.570"	19 x 22 x .0179"
76-9284RL	3/0	.640"	19 x 35 x .0159"
76-9286RL	4/0	.699"	19 x 44 x .0159"
100 ft. roll			
76-9266RL	6	.272"	7 x 18 x .0142"
76-9265RL	4	.350"	7 x 27 x .0142"
76-9262RL	2	.460"	19 x 16 x .0142"
76-9260RL	1	.460"	19 x 21 x .0142"
76-9261RL	1/0	.510"	19 x 26 x .0142"
76-9263RL	2/0	.570"	19 x 22 x .0179"
76-9267RL	3/0	.640"	19 x 35 x .0159"
76-9287RL	4/0	.699"	19 x 44 x .0159"

GROTE

GRO/2426

Battery Cable – Type SGR

•Meets all SAE code J1127 specifications •All battery cable is spooled •100% copper cable •Jacket rated at -40°C to 90°C •Black

PART NO.	CABLE GAUGE	OUTSIDE DIA.	STRANDING
1 ft. - Sold by the foot			
82-5712FT	4	.350"	7 x 27 x .0142"
82-5709FT	2	.468"	19 x 16 x .0142"
82-5706FT	1	.480"	19 x 21 x .0142"
82-5703FT	1/0	.530"	19 x 26 x .0142"
82-5700FT	2/0	.570"	19 x 22 x .0179"
82-5733FT	3/0	.640"	19 x 35 x .0156"
82-5743FT	4/0	.730"	19 x 55 x .0142"
25 ft. roll			
82-5714RL	4	.370"	7 x 27 x .0142"
82-5711RL	2	.468"	19 x 16 x .0142"
82-5708RL	1	.480"	19 x 21 x .0142"
82-5705RL	1/0	.530"	19 x 26 x .0142"
82-5702RL	2/0	.600"	19 x 22 x .0179"
82-5723RL	3/0	.650"	19 x 35 x .0156"
82-5743RL	4/0	.730"	19 x 55 x .0142"

PART NO.	CABLE GAUGE	OUTSIDE DIA.	STRANDING
50 ft. roll			
82-5713RL	4	.370"	7 x 27 x .0142"
82-5710RL	2	.468"	19 x 16 x .0142"
82-5707RL	1	.480"	19 x 21 x .0142"
82-5704RL	1/0	.530"	19 x 26 x .0142"
82-5701RL	2/0	.576"	19 x 22 x .0179"
82-5715RL	3/0	.650"	19 x 35 x .0156"
82-5716RL	4/0	.730"	19 x 55 x .0142"
100 ft. roll			
82-5712RL	4	.350"	7 x 27 x .0142"
82-5709RL	2	.468"	19 x 16 x .0142"
82-5706RL	1	.480"	19 x 21 x .0142"
82-5703RL	1/0	.530"	19 x 26 x .0142"
82-5700RL	2/0	.570"	19 x 22 x .0179"
82-5733RL	3/0	.640"	19 x 35 x .0156"
82-5753RL	4/0	.730"	19 x 55 x .0142"

Grote
The first name in vehicle safety systems®

HEAVY DUTY 50 AMP CHARGER CLIPS
•For battery chargers, tune-up and test equipment
Part No. 602035-RED, Red.
Part No. 602035-BLK, Black.

NON INSULATED ALLIGATOR CLIPS
•Crimp type •5 amp
Part No. 602007.

JAW TYPE CHARGING CLIPS
Jaws grasp terminal bolts, etc., to 3/4" wide
Part No. 602021, 10 amp.
Part No. 602030, 25 amp.
Part No. 602036, 50 amp.

PROTECTIVE WASHERS
•Impregnated with long lasting corrosion inhibitors to extend life of battery, connectors and hardware •Fits any post, side or stud terminal battery •100 per pack
Part No. 6622-B, Black.
Part No. 6622-R, Red.

QUICK FLUX
•Convenient applicator bottle •Cleans existing cable for better electrical connections •60 ml flip-up nozzle bottle.
Part No. 5574.

BATTERY CLEANER SPRAY
•Neutralizes acid spills, vapor and salt - reduces corrosive action •Cleans battery terminals, connectors and hold down hardware •32 g aerosol
Part No. 120131.

BATTERY TERMINAL PROTECTIVE SPRAY
•Protects exposed electrical connections from corrosion ensuring maximum current flow •Use on battery terminals, connectors and hardware •28 g aerosol
Part No. 120141.

QUICKCOTE+ PROTECTIVE COMPOUND
•Special formula seals terminals and connectors against corrosion, moisture, dirt and oil •Brush-on application •Prevents seizing of threaded fasteners •227 g can
Part No. 6023PC.

QUICKWRAP SILICONE TAPE
Self fusing, self vulcanizing silicone tape for an unlimited number of uses (cable/wire management, hose/plumbing repair, wrap/grip material). Stays flexible to -51°C and won't melt up to +260°C. Forms an air/water tight seal; 700 psi tensile strength; insulates to 8000 volts and stretches to 3 times its length. Each roll is 1" wide x 10 ft. x 20 mil thickness.
Part No. 507110.

QUICK CUTTER™ 1
•Cuts cable up to 2/0 gauge •9" size, fits any tool box •Ergonomic, insulated grips •Made of forged steel
Part No. 4275.

QUICK STRIP™ CABLE STRIPPER
•Strips up to 4/0 gauge cable •5-1/2" long •Includes spare blade
Part No. 4215, Quick Strip™ Cable Stripper.
Part No. 4216, Replacement blades.

BRUTE™ HAMMER CRIMPER
•Use with hammer, vise or press •Crimps 8 thru 4/0 gauge connection •Spring loaded pin locks in up position for loading connector and cable. When released pin holds connector securely during crimping
Part No. 4266.

RATCHET DIAMOND CRIMP TOOL
•Traditional four side crimp •For SAE/AWG gauge cable •Ideal for crimping connectors made from sand foundry castings •26" long
Part No. 4252.

CLAMP CONNECTOR LIFTER
•Removes connector without damaging top post •Adjusts to any clamp connector width and thickness •Vinyl dipped non slip handle resists acid
Part No. 120191.

CLAMP SPREADER/ REAMER
•Forged steel design evenly spreads connector •Use serrations to ream clamp •Vinyl dipped non-slip handle resists acid
Part No. 120192.

SIDE TERMINAL BRUSH
•Brass wires securely embedded on two sides •Shaped to clean terminals, connectors and bolts •5/16" hex in handle services GM connections
Part No. 120122.

QUICKCABLE®
Your Best Connection

Battery Accessories & Tools

50 AMP TEST CLIPS
•Copper plated steel •3/4" jaw spread •Polarized, black and red handle grips
Part No. 76-1644PR, 1 pair.

5 AMP ALLIGATOR TEST CLIPS
3/8" jaw spread.
Part No.76-1639PR, 1 pair (1 black, 1 red) with insulator sleeves.
Part No.76-1645PR, 1 pair without insulator sleeves.

BATTERY CLIPS
Part No. 76-1640PR, 1 pair, 10 amp, 1/2" spread.
Part No. 76-1641PR, 1 pair, 25 amp, 1" spread.
Part No. 76-1642PR, 1 pair, 50 amp, 1¼" spread.

BATTERY TERMINAL SOLDER SLUGS
•Terminal slugs are pre-measured pieces of solder that have been sized to provide the correct amount of solder per each size of battery terminal connector

PART NO.	GAUGE	COLOUR
76-2628EA	4	Grey
76-2629EA	2	Green
76-2630EA	1	Pink
76-2631EA	1/0	Black
76-2632EA	2/0	Orange
76-2633EA	3/0	Purple
76-2634EA	4/0	Yellow

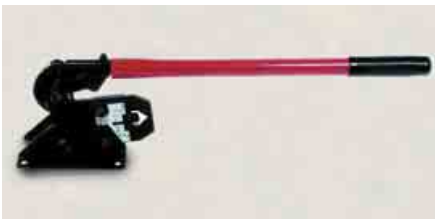
BATTERY POST & TERMINAL CLEANER
•Circular stainless steel brushes clean battery posts •Tapered brush cleans corrosion from battery terminals
Part No. 69-2003EA.

TOP POST CARRIER
•For regular batteries 17-1/2" long •Heavy duty, acid resistant strap has double grip jaws with safety catch
Part No. 69-2501EA.

HAMMER/VISE TYPE CRIMPING TOOL
•Crimps #16 through 4/0 non-insulated terminals, splices battery cable lugs and solderless battery cable terminals •Crimping scale prevents under crimping, nest design eliminates over crimping •Operate with hammer or vise
Part No. 76-1440EA.

LARGE LUG CRIMP TOOL
•Crimps lead, brass and copper terminals from 6 ga. to 250 MCM. The three-sided die provides a perfect crimp every time
Part No. 76-2626EA.

BENCH MOUNT CRIMP TOOL
•Bench mount style crimps lead, brass and copper terminals from 6 ga. to 250 MCM. The three-sided die provides a perfect crimp every time
Part No. 76-2627EA.



HEAVY DUTY WIRE/CABLE CUTTER
•Use for cutting all non-steel, single or multi-conductor cables up to 2/0 ga. •9" long •made with a cushioned handle for improved grip and comfort
Part No. 76-9886EA.

CABLE CUTTER LONG HANDLE
•This long handle cable cutter slices through any type of copper cable up to 350MCM •17" long
Part No. 76-9887EA.

LARGE WIRE/CABLE STRIPPER
•Strips larger gauge wire (#8 to 4/0 ga.) quickly and accurately •Place the hook over the wire or cable, adjust the blade, and spin the stripper around the wire/cable for an even, damage-free strip •With insulated handle
Part No. 66-9969EA.

ta
TECHSPAN AUTOMOTIVE

GROTE
Battery Accessories & Tools

BATTERY TERMINAL PROTECTORS

•Protects alternator and electrical system from shorts •Reduces the risks of battery explosion caused by sparks •High temperature PVC construction rated at 90°C •Colour coded for easy polarity identification •Conforms to SAE J1128 dielectric specifications; meets OSHA and USCG requirements

STRAIGHT CLAMP PROTECTOR

PART NO.	FITS GAUGES	COLOUR CODE	PACK
84-9140EA	1 & 2	Black	1
84-9140PK	1 & 2	Black	5
84-9141EA	1 & 2	Red	1
84-9141PK	1 & 2	Red	5
84-9142EA	1/0 & 2/0	Black	1
84-9142PK	1/0 & 2/0	Black	5
84-9143EA	1/0 & 2/0	Red	1
84-9143PK	1/0 & 2/0	Red	5

STRAIGHT CLAMP PROTECTOR SNAP-ON FEATURE

PART NO.	FITS GAUGES	COLOUR CODE	PACK
84-9138EA	6 & 4	Black	1
84-9138PK	6 & 4	Black	5
84-9139EA	6 & 4	Red	1
84-9139PK	6 & 4	Red	5
84-9136EA	1 & 2	Black	1
84-9136PK	1 & 2	Black	5
84-9137EA	1 & 2	Red	1
84-9137PK	1 & 2	Red	5

AUTOMOTIVE LUG PROTECTOR

PART NO.	FITS GAUGES	COLOUR CODE	PACK
84-9150EA	1 & 2	Black	1
84-9150PK	1 & 2	Black	5
84-9151EA	1 & 2	Red	1
84-9151PK	1 & 2	Red	5
84-9152EA	1/0 - 2/0	Black	1
84-9152PK	1/0 - 2/0	Black	5
84-9153EA	1/0 - 2/0	Red	1
84-9153PK	1/0 - 2/0	Red	5

TAB INSULATORS

PART NO.	FITS GAUGES	COLOUR CODE	PACK
84-9323EA	8-2	Red	1
84-9323PK	8-2	Red	5
84-9324EA	8-2	Black	1
84-9324PK	8-2	Black	5
84-9325EA	3/0-4/0	Red	1
84-9325PK	3/0-4/0	Red	5
84-9326EA	3/0-4/0	Black	1
84-9326PK	3/0-4/0	Black	5
84-9327EA	2-2/0	Red	1
84-9327PK	2-2/0	Red	5
84-9328EA	2-2/0	Black	1
84-9328PK	2-2/0	Black	5

BRUTE HAMMER CRIMPER

•Use with hammer, vise or press •Crimps 8 through 4/0 gauge connectors •Spring loaded pin locks in up position for loading connector and cable. When released pin holds connector securely during crimping
Part No. 84-9087EA.

POST TERMINAL BRUSH

•Corrosion resistant self-contained brush set •Inner bristles clean post terminals •Conical outer bristles clean cable connectors
Part No. 84-9186EA.

ALLIGATOR CLIPS

•Jaws grasp terminal bolts 3/4" wide •5 amp
Part No. 84-5004EA, Black
Part No. 84-5005EA, Red

HEAVY DUTY CHARGING CLIPS

•Use for OEM repair and custom build •Colour coded vinyl boots •Clamp style •50 amp
Part No. 84-5000PR, 1 pair Red/Black
Part No. 84-5002EA, Red
Part No. 84-5003EA, Black

9" CABLE CUTTER

•Cuts cable up to 2/0 gauge •Fits any tool box •Ergonomic insulated grips •Made of forged steel
Part No. 84-9088EA.

HEAVY DUTY QUICK CUTTER™ 2

•Cuts cable up to 250 MCM (6/0 gauge) •22" handle for easier cutting •1075 carbon steel blade, hardened for long life, can be sharpened
Part No. 84-9089EA.

HEXCRIMP™

•Medium-heavy duty applications •Adjustable, colour -coded rotating crimp dies •Insulated grips •26" in length •8 ga. - 250 MCM connector cable range
Part No. 84-9082EA.

Grote
The first name in vehicle safety systems®

PERFORMANCE TOOL®
Battery Tools

SIDE TERMINAL BATTERY WRENCH

•Reversible ratchet action •Narrow design for confined areas •Easily removes and replaces 5/16" side terminal battery bolts
Part No. W1674.

BATTERY TERMINAL CLEANER

•Acid resistant construction •Removes battery corrosion •Cleans posts, terminals and cables •Extends battery life
Part No. W147C, carded.
Part No. W147B, bulk.

4-WAY BATTERY POST CLEANER

•Scraper blades remove stubborn corrosion from posts •Reamer cleans insides of terminals
Part No. W152C.

ANTI CORROSION WASHERS

•Chemically treated to retard corrosion •Extends the life of battery posts and terminals •2 washers included for positive and negative posts
Part No. W1658C, top post.

Performance Tool®

TECTRAN
Powercoil – Coiled Electrical Assemblies

POWERCOIL

•Excellent coil memory and durability •Flexible in temperatures to -85°F (-65°C) •10% more copper content than specified by SAE J1128 •Ultraviolet and ozone resistant •Colour coded for compatibility with SAE J560 connectors •Resistant to gasoline, diesel fuel, and commonly used chemicals •Up to 5 times more abrasion resistant than other commonly used cables •Available in numerous cable and coil configurations •Durable zinc die cast plugs are standard •Available with spring guards or the unique Tectran WeatherSeal®

WEATHERSEAL®

The unique new Tectran WeatherSeal sleeve can be substituted in place of the spring guard on any of the Tectran Powercoil products. The rugged outer sleeve is constructed of a tough, yet flexible polyolefin material which offers: •Excellent bend restriction and protection from cable chafing •Protection against the unsightly and damaging rusting that occurs with a spring guard. The sealant on the inner wall of the sleeve adheres to the plug and cable jacket providing: •A weatherproof barrier protecting the critical wire connections inside the plug from corrosion •Excellent strain relief which minimizes the pull stress on the inner wire connections

ABS Duty - Green - SAE Plugs (ATG)
4/12 - 2/10 - 1/8 gauge, SAEJ2394

This ultra heavy duty construction is approved for new ABS system power requirements on single or multiple trailer configrations. Meets TMC R. P. 137 and 141. Meets the stringent design and performance requirements of the new SAE J2394 Standard. Excellent coil memory prevents sagging.

PART NO. WITH SPRING GUARD	PART NO. WITH WEATHER SEAL	NUMBER OF PLUGS	LEAD LENGTHS
7ATG521MG	N/A	1	2 x 15”
7ATG522MG	7ATG522MW	2	2 x 15”

MTY - Medium Duty - Yellow
5/14 - 2/12 gauge

This unique cable configuration retains the 12-gauge conductor in the heavily loaded red stop circuit wire, as well as in the white ground wire, while providing the economy of 14-gauge wiring for the other circuits. The MTY construction is a perfect alternative for those currently using the 7/14 or 6/14 - 1/12 constructions.

PART NO. WITH SPRING GUARD	PART NO. WITH WEATHER SEAL	NUMBER OF PLUGS	LEAD LENGTHS
7MTY522MG	7MTY522MW	2	2 x 15”

STS - Standard Duty - Silver
6/12 - 1/10 gauge

This high quality, durable construction is recommended for single-trailer configurations using standard lighting.

PART NO. WITH SPRING GUARD	PART NO. WITH WEATHER SEAL	NUMBER OF PLUGS	LEAD LENGTHS
7STS520B	N/A	0	2 x 15”
7STS522MG	7STS522MW	2	2 x 15”

ETB - Economy - Black
7/14 gauge

Where a 14-gauge conductor is considered adequate, the ETB style coil offers economy and durability. As with other Powercoil constructions, the copper content of the ETB style is also 10% higher than in SAE J1128 wiring.

PART NO. WITH SPRING GUARD	NUMBER OF PLUGS	LEAD LENGTHS
7ETB520B	0	2 x 15”
7ETB521MG	1	2 x 15”
7ETB522MG	3	2 x 15”

TRUCK-LITE
Trailer Connector Cords

HEAVY DUTY ANTI-LOCK TRAILER CONNECTOR CORDS

•Extra heavy duty cords feature 4-12 ga. (brown, black, yellow, green), 2-10ga. (red, blue), 1-8 ga. ground (white) •Ideal for supplying power to trailer and dolly ABS systems •Designed for use in wide temperature range (-66°C to +90°C) •Meets TMC recommendations (RP137) and exceeds SAE J2222 •GREEN jacket

Part No. 97160, 12 ft. nylon plugs.
Part No. 97161, 15 ft. nylon plugs.

HEAVY DUTY TRAILER CONNECTOR CORDS

•Heavy duty coiled electrical connector cords feature 6/12, 1/10 ga. •Designed to meet or exceed SAE J559 or J1067 as applicable •Cords feature six 12 gauge conductors of 65 strands and one 10 gauge conductor constructed of 105 strands of soft annealed copper which meets ATA, SAE and TMC requirements •Designed for use in wide temperature range (-66°C to +90°C) •BLACK jacket

Part No. 97151, 12 ft. metal plugs.
Part No. 97153, 15 ft. metal plugs.

REPLACEMENT PLUG ASSEMBLIES

•#97158 features a rugged nylon housing, brass terminals and rear moisture seal •A unique 360° cable clamp helps prevent the cable from being accidentally pulled out •Assembly is resistant to degreasers, solvents and contact cleaners •#97159 features zinc die cast housing and brass terminals •Nylon insert is resistant to petro chemicals

Part No. 97158, nylon plug.
Part No. 97159, die cast plug.

Electrical Cable Assemblies Feature:

•Large finger grips for coupling/uncoupling, even with gloves •Extended plug interior for easy maintenance •Protected with anti-corrosive, non-conductive, dielectric lithium grease •PERMAPLUG™ has factory crimped terminals for best available electrical connection •All cable assemblies rated for 12 volt systems

QCP™ (QUICK-CONNECT PLUG) ASSEMBLY for 4/12, 2/10 & 1/8 ga. ABS Trailers

•Replaceable cartridge for quick & easy repair •Plug is sealed for corrosion protection •Temperature rating -48°C to 110°C •Excellent ratings for recoil memory, chemical resistance & abrasion resistance •Unbreakable housing

Part No. 30-9324, 12' w/ QCP™

Part No. 30-9624, 15' w/ QCP™

Part No. 30-9924, 15' , 48" lead w/ QCP™

ABS PERMACOIL™ for 4/12, 2/10 & 1/8 ga. ABS Trailers

•Good for ABS applications •Temperature rating -68°C to 52°C •Good ratings for recoil memory, chemical resistance & abrasion resistance •Unbreakable PERMAPLUGS™ •Zinc die-cast housing, reinforced for durability

Part No. 30-4320, 12' w/ two PERMA-PLUGS™

Part No. 30-4321, 12' w/ two zinc die-cast plugs

Part No. 30-4620, 15' w/ two PERMA-PLUGS™

Part No. 30-4621, 15' w/ two zinc die-cast plugs

Zinc Die-Cast Plugs

PERMAPLUGS™

ISOCOIL™ for 4/12, 2/10 & 1/8 ga. ABS Trailers

•For ISO/auxiliary applications •Temperature rating -48°C to 110°C •Excellent ratings for recoil memory, chemical resistance & abrasion resistance •Male ground pin to prevent mis-connections •Twisted pair brown and green wires to avoid electrical noise •Zinc die-cast housing, reinforced for durability

Part No. 31-9623, 15' w/ two zinc die-cast plugs

PERMACOIL™ for 6/14 & 1/12 ga. NON-ABS Trailers

•For standard 7-way applications, NON-ABS equipped trailers •Temperature rating -68°C to 52°C •Good ratings for recoil memory, chemical resistance & abrasion resistance •Male ground pin to prevent mis-connections •Unbreakable PERMAPLUGS™ •Zinc die-cast housing, reinforced for durability

Part No. 24-4321, 12' w/ two zinc die-cast plugs

Part No. 24-4621, 15' w/ two zinc die-cast plugs

ABS LECTRAFLEX™ for 4/12, 2/10 & 1/8 ga. ABS Trailers

•For ABS applications •Temperature rating -40°C to 66°C •Good ratings for chemical resistance & abrasion resistance •Unbreakable PERMAPLUGS™ •Zinc die-cast housing, reinforced for durability

Part No. 30-2050, 12' w/ two PERMAPLUGS™

Part No. 30-2051, 12' w/ two zinc die-cast plugs

Part No. 30-2070, 15' w/ two PERMAPLUGS™

Part No. 30-2071, 15' w/ two zinc die-cast plugs

PERMAPLUGS™

Zinc Die-Cast Plugs

ISOFLEX™ for 4/12, 2/10 & 1/8 ga. ABS Trailers

•For ISO/auxiliary applications •Temperature rating -40°C to 66°C •Good ratings for chemical resistance & abrasion resistance •Zinc die-cast housing, reinforced for durability

Part No. 31-2073, 15' w/ two zinc die-cast plugs

DURAFLEX™ for 6/12 & 1/10 ga. NON-ABS Trailers

•For standard 7-way applications, NON-ABS equipped trailers •Temperature rating -40°C to 66°C •Good ratings for chemical resistance & abrasion resistance •Zinc die-cast housing, reinforced for durability

Part No. 22-2051, 12' w/ two zinc die-cast plugs

Part No. 22-2071, 15' w/ two zinc die-cast plugs

Liftgate (Charging) Cables Feature:

•Perfect for liftgate applications utilizing trailer battery pack •NOT RECOMMENDED FOR POWER PULL FROM TRACTOR BATTERY •4 ga. fine stranded copper for flexibility •100 amp capacity •Zinc die-cast plugs

SINGLE POLE - One 4 ga. Fine Stranded Copper

•Good ratings for recoil memory, chemical resistance & abrasion resistance •Temperature rating -68°C to 52°C •Mates w/ single pole metal socket (#15-320)

Part No. 23-4325, 12', 1 hot, 100 amp capacity.

Part No. 23-4625, 15', 1 hot, 100 amp capacity.

DUAL POLE - Two 4 ga. Fine Stranded Copper

•Excellent ratings for recoil memory, chemical resistance & abrasion resistance •Temperature rating -48°C to 110°C •Internal ground to improve ground connections •Mates w/ dual pole metal socket

(#15-326) •Zinc die-cast housing, reinforced for durability

Part No. 23-2326, 12', 1 ground, 1 hot, 100 amp capacity.

Part No. 23-2626, 15', 1 ground, 1 hot, 100 amp capacity.

GROTE

Ultralink Power Cords

•Completely sealed to prevent corrosion •Minimal voltage drop through sonic welded terminations •Shock proof, solid molded elastomeric plug body •Stainless steel radial springs ensure a tight grip on the pins •Plated brass split terminals: increased current carrying capacity

ULTRALINK ABS POWER CORDS

•Meets recommended wire requirements for trailer built with ABS, starting in 1998 •Wire configuration includes an 8 ga. ground and 10 ga. red and blue •Extra tough urethane jacket material performs -48°C to 87°C •Configuration: 1/8-2/10-4/12 •(87062EA) includes a 48" straight trailer lead

PART NO.	PLUG 1	PLUG 2	STYLE	LENGTH
87060EA	Straight	Angled	Coiled	15 ft.
87062EA	Straight	Angled	Coiled	19 ft.
87070EA	Straight	Angled	Straight	15 ft.
87101EA	Straight	Straight	Coiled	15 ft.

ULTRALINK 500 POWER CORDS

•Extra power delivery for single or double configurations exceeding minimum legal lamp requirements with 10 ga. ground •Extra tough urethane jacket material performs -48°C to 87°C •Configuration: 1/10-6/12 •(87024EA) 15 ft. working length cord available with 4 ft. lead section

PART NO.	PLUG 1	PLUG 2	STYLE	LENGTH
87023EA	Straight	Angled	Coiled	15 ft.
87024EA	Straight	Straight	Coiled	19 ft.

ULTRALINK 100 POWER CORDS

•Superior power delivery for single or double configurations; meet minimum legal requirements; 12 ga. ground •Tough abrasion resistant multi-polymer jacket material performs •Configuration: 1/10-6/12 •(#) configuration: 1/12-6/14 •(87044EA) 15 ft. working length cord available with 4 ft. lead section

PART NO.	PLUG 1	PLUG 2	STYLE	LENGTH
87040EA#	Straight	Straight	Coiled	12 ft.
87041EA	Straight	Straight	Coiled	15 ft.
87043EA	Straight	Angled	Coiled	15 ft.
87044EA	Straight	Straight	Coiled	19 ft.
87110EA#	Straight	Straight	Coiled	12 ft.
87111EA#	Straight	Straight	Coiled	15 ft.

Trailer Cable

Cable Gauge	Conductor	Outside Dia.	Stranding	50'Length PART NO.	100'Length PART NO.	500'Length PART NO.
14	7	.535"	19 x .0142"	82-5610RL	82-5609RL	
6/14, 1/12	7	.535"	41 x .010"(14 ga.) 65 x .010"(12 ga.)	82-5612RL	82-5611RL	82-5614RL
14	4	.441"	19 x .0142"		82-5600RL	
14	4	.444"	41 x .010"			82-5601RL
14	6	.519"	19 x .0142"		82-5604RL	
14	6	.562"	41 x .010"			82-5605RL
6/12, 1/10	7	.601"	65 x .010"(12 ga.) 105 x .010"(10 ga.)		82-5606RL	
6/12, 1/10	7	.685"	19 x .1079"(12 ga.) 19 x .0234"(10 ga.)			82-5607RL

•PVC insulation resists temperature ratings of -40°C to 60°C •Provides protection from weather conditions and abrasives

Grote
The first name in vehicle safety systems®

82-5606RL

TECTRAN

Articflex Trailer Lighting Cable

PART NO.	DESCRIPTION	REEL SIZE
28214	2 wire - 14 ga. cable, black	500 ft.
28314	3 wire - 14 ga. cable, black	500 ft.
28414	4 wire - 14 ga. cable, black	500 ft.
28614	6 wire - 14 ga. cable, black	500 ft.
28616	6 wire - 16 ga. cable, black	500 ft.
28714	7 wire - 6/14 ga. - 1/12 ga. cable, black	500 ft.
28754	7 wire - 5/14 ga. - 2/12 ga. cable, black	500 ft.
28712	7 wire - 6/12 ga. - 1/10 ga. cable, black	500 ft.
28752	7 wire - 4/12 ga. - 2/10 ga. - 1/8 ga. cable, green	500 ft.

•10% more copper content than specified by SAE J1128 •High conductor strand count for excellent flexibility •Specially formulated materials allow flexibility in temperatures to -85°F (-65°C) •Up to 3 times more abrasion resistant than other commonly used cables •UV and ozone resistant •Resistant to gasoline, diesel fuel, road salt, and commonly used chemicals

6 WAY CONNECTOR WIRING PATTERN:

White ..... Tail and Marker Lights
Black..... Stop
Green..... Auxiliary
Brown ..... Right Turn
Yellow ..... Left Turn
Red..... Ground

7 WAY CONNECTOR WIRING PATTERN:

White ..... Ground
Black..... Clearance Lights
Green..... Right Turn
Brown ..... Tail and Marker Lights
Yellow ..... Left Turn
Red..... Stop
Blue ..... Auxiliary

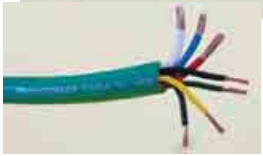
TECTRAN
Making the Right Connections

TECHSPAN IND. INC.

Trailer Cable

TRAILER CABLE PVC - This low cost quality cable remains flexible at -65°C •Withstands temperature up to 60°C •High dielectric strength •PVC outer jacket resists abrasion and is oil-resistant •Colour coded multiple conductors •Black outer jacket •Recommended for rewiring trailers to ICC regulations

Part No.	Conductor/ Gauge	Outside Dia.	Stranding	Yellow	Red	Green	Brown	Black	Blue	White	Length
769086RL	4/14	.444"	41 x .010"	✔	✔	✔	✔				50 ft.
769091RL	6/14	.562"	41 x .010"	✔	✔	✔	✔	✔		✔	50 ft.
769084RL	7/14	.562"	41 x .010"	✔	✔	✔	✔	✔	✔	✔	50 ft.
769096RL	6/12, 1/10	.601"	65 x .010" (12 ga.) 105 x .010" (10 ga.)	✔	✔	✔	✔	✔	✔	✔	50 ft.
769083RL	6/14, 1/12	.565"	41 x .010" (14 ga.) 65 x .010" (12 ga.)	✔	✔	✔	✔	✔	✔	✔	50 ft.
769087RL	4/14	.444"	41 x .010"	✔	✔	✔	✔				100 ft.
769092RL	6/14	.562"	41 x .010"	✔	✔	✔	✔	✔		✔	100 ft.
769094RL	7/14	.562"	41 x .010"	✔	✔	✔	✔	✔	✔	✔	100 ft.
769099RL	6/14, 1/12	.565"	41 x .010" (14 ga.) 65 x .010" (12 ga.)	✔	✔	✔	✔	✔	✔	✔	100 ft.



TRAILER CABLE ABS (PVC)

- Green jacketed trailer cable designed specifically for ABS brake systems •Meets and exceeds SAE J2394 flexing cable requirements •Conductor gauge 1/8, 2/10, 4/12

Part No. 76-9492FT, 1 foot.
Part No. 76-9494RL, 50 ft. spool.
Part No. 76-9493RL, 100 ft. spool.
Part No. 76-9492RL, 500 ft. spool.

ta
TECHSPAN AUTOMOTIVE

Automotive & Heavy Duty Electrical Products

TECTRAN
Connectors – Tractor/trailer & Junction Box

HEAVY DUTY 7-WAY PLUGS AND SOCKETS
•Durable, zinc, die-cast housing for rugged service •Brass terminal pins for maximum current carrying ability
Part No. 670-71SG, Plug assy. with spring guard.
Part No, 670-71, Plug assy.
Part No. 670-72, Socket assy. (split pin).
Part No. 670-722, Boot for back of socket.

6-WAY PLUGS AND SOCKET
Part No. 670-61SG, Plug assembly with spring guard.
Part No. 670-61, Plug assy.
Part No. 670-62, Socket assy.

4-WAY PLUGS AND SOCKET
Part No. 670-41SG, Plug assembly with spring guard.
Part No. 670-41, Plug assy.
Part No. 670-42, Socket assy.

ELECTRICAL JUNCTION BOX
•Box is made of high impact black UV resistant ABS plastic •Sealing surface of lid has a unique V groove to help exclude moisture •Supplied with nuts, lock washers, and two strain relief clamps •14-way junction box is designed to meet the needs of new ABS wiring where seven terminals are not enough
Part No. 667-7040, 7-way junction box supplied with 5 grommets.

Part No. 667-1440, 14-way junction box supplied with 5 open and 5 closed grommets.

ADAPTER
•Adapts trucks equipped with 6-way plugs to trailers with 7-way sockets.
Part No. 791-67.

SOCKETS — 7-WAY with CIRCUIT BREAKERS
Part No. 670-7220, 20 breaker amperage.
Part No. 670-7230, 30 breaker amperage.

SOCKETS — 7-WAY with CIRCUIT BREAKERS AND ADAPTER BOX
•Adapter box supplied with a rear mounting gasket
Part No. 670-72205, 20 breaker amperage.
Part No. 670-72305, 30 breaker amperage.

TECTRAN
Making the Right Connections

POLLAK
Connectors

SINGLE POLE CONNECTORS
Part No. 11-850, Complete assembly - #11-852 plug and #11-851 socket
Part No. 11-851, Socket
Part No. 11-852, Plug
Part No. 11-853, Plug w/ cable guard - #11-852 plug and #11-763 guard

ACCESSORIES
Part No. 11-762, Rubber boot - seals against dust and moisture, fits #11-852
Part No. 11-763, Cable guard - plated steel, 3.56" long, fits #11-852
Part No. 11-771, Socket bracket - fits #11-851

11-852

11-851

11-853

11-762

11-763

11-771

4-WAY CONNECTORS - Heavy duty, RV and truck connector, 12-24 volt, 35 amp
•Features extended exterior and socket conceals terminals •Unique cable clamp prevents chafing - gives more cable support, saves installation time •Integral finger grips for positive pull - never shakes loose •Stainless steel spring •Dust and water resistant •Polarized •Terminals accept up to #12 gauge wire •Two 1/4" mounting holes on 4-way sockets •2-7/8" on centre •Mounts through 1-3/8" dia. hole
Part No. 11-400, Complete assembly - #11-402 plug and #11-404 socket
Part No. 11-402, Heavy duty plug - no cable guard
Part No. 11-403, Heavy duty plug w/ cable guard
Part No. 11-404, Heavy duty socket

11-402

11-403

11-404

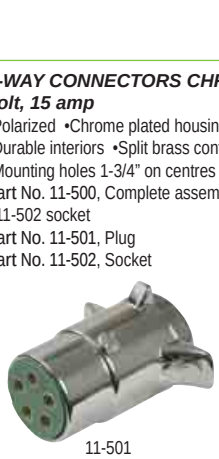
Pollak

4-WAY CONNECTORS CHROME PLATED - 12-24 volt, 20 amp
•Polarized •Chrome die cast ABS plastic high impact green insulators and split brass contacts
Part No. 11-408, Complete assembly - #11-409 plug and #11-410 socket
Part No. 11-409, Plug
Part No. 11-410, Socket

11-409

11-410

5-WAY CONNECTORS CHROME PLATED - 12-24 volt, 15 amp
•Polarized •Chrome plated housing, spring loaded cover •Durable interiors •Split brass contact for maximum current •Mounting holes 1-3/4" on centres
Part No. 11-500, Complete assembly - #11-501 plug and #11-502 socket
Part No. 11-501, Plug
Part No. 11-502, Socket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11-502

Connectors

6-WAY CONNECTORS

•High impact interiors of super strength keyed for proper assembly •Brass terminal pins for best conductivity, terminals accept up to #12 gauge wires •Two 1/4" mounting holes on 6-way sockets •2-7/8" on center •Mounts through 1-3/8" dia. hole

Part No. 11-600, Complete assembly - #11-604 plug and #11-607 socket
Part No. 11-602, Complete assembly - #11-604 plug and #11-608 socket
Part No. 11-603, Complete assembly - #11-604 plug and #11-609 socket - incorporates concealed terminals on socket side for exterior mounting. Recommended for RV and flat bed trailer use.
Part No. 11-604, Plug - no cable guard
Part No. 11-605, Plug w/ cable guard
Part No. 11-607, Socket, exposed terminals
Part No. 11-608, Socket w/ rubber boot
Part No. 11-609, Socket, concealed terminal
Part No. 11-613, Plug
Part No. 11-614, Socket - black ABS plastic
Part No. 11-615, Socket w/ rubber boot - #11-614 socket and #11-616 boot

ACCESSORIES

Part No. 11-606, Plug interior
Part No. 11-616, Rubber boot - seals against dust and moisture, fits #11-607, #11-614
Part No. 11-617, Connector bracket - designed to fit under the trailer tongue, ball, or 2-hole frame mounting. Heavy gauge steel plated. Fits connectors #11-400, #11-408, #11-500, #11-600, #11-603, and #11-614.
Part No. 11-627, Connector bracket - same as #11-617 except with black zinc coating for protection against rust and corrosion
Part No. 11-626, Hardware kit for 6 pole plugs

11-604

11-605

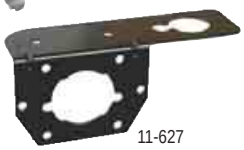
11-608

11-609

11-607

11-614

11-613


11-627

7-POLE SOCKET FOR ABS APPLICATION

•Wire insertion style socket •Floating solid brass pins •40 amps continuous duty @ 6-28VDC •Manufactured from high impact nylon •Interchangeable with all SAE type connectors
Part No. 11-837.

HEAVY DUTY 7-WAY PLUGS

•Meets and exceeds all standards of SAE J560 •Floating pins for ease of alignment and maximum contact •Will accept the widest range of wire gauges, from #16 wires to #8 ground wire •Interchangeable with all competitive ATA types •Tapered design fits comfortably and conveniently for easy hand position pull. Jumbo finger grips and two hang-up holes •High impact cycolac interior with extended lip for easy removal and replacement •Solid brass terminal screws •40 amps continuous duty @ 6-28 VDC •WeatherBeater seal accommodates .450 minimum wire dia.

Part No. 11-700, Plug - zinc die-cast
Part No. 11-702, Plug w/ cable guard - #11-700 plug and #11-763 guard
Part No. 11-704, Plug - glass filled nylon
Part No. 11-710, Plug w/ cable guard - #11-704 plug and #11-763 guard
Part No. 11-900, WeatherBeater plug - zinc die-cast
Part No. 11-902, WeatherBeater plug w/ cable guard - #11-900 plug and #11-763 guard
Part No. 11-904, WeatherBeater plug - glass filled nylon
Part No. 11-910, WeatherBeater plug w/ cable guard - #11-904 plug and #11-763 guard

ACCESSORIES

Part No. 11-762, Rubber boot - seals against dust and moisture, 2.5" long. For .460-.720 dia. cable, fits #11-700, #11-704, #11-852, #11-900, #11-904.
Part No. 11-763, Cable guard - plated steel, 3.56" long fits #11-700, #11-704, #11-852, #11-900, #11-904.
Part No. 11-764, Plug interior for #11-700, #11-702, #11-704, #11-710, #11-900, #11-902, #11-904, #11-910. Supplied with mounting screw.

11-700

11-702

11-704

11-710

11-764

7-WAY SOCKETS

•Meets and exceeds all standards of SAE J560 (solid pin sockets only) •Floating pins for ease of alignment and maximum contact •Self grounded (die-cast only) •Optimum slant mount and drain slot rid housing interior of accumulated moisture •Will accept the widest range of wire gauges, from #16 wires to #8 ground wire. Ground terminal pin #1 will accept #14 gauge min. to #8 gauge max. Other terminals will accept #16 gauge min. to #10 gauge max. •40 amps continuous duty @ 6-28 VDC •Self grounded (die-cast only) to #1 ground terminal •Stainless steel spring •Recommended mounting hole = 2" dia. •Interchangeable with all competitive makes

Wire Insertion Style Sockets

Part No. 11-720, Solid pin 2 hole mount socket
Part No. 11-721, Split pin 2 hole mount socket
Part No. 11-729, Solid pin 3 hole mount socket
Part No. 11-730, Split pin 3 hole mount socket
Part No. 11-723, Solid pin nylon socket

11-720

11-723

Ring Termination Style Sockets

Part No. 11-785, Same as #11-720 except with rear threaded terminals for ring terminals. Solid pins.
Part No. 11-811, Same as #11-785 except with split pins

11-785

Bullet Termination Style Sockets

Part No. 11-786, Bullet style solid brass terminals for push-on amp style terminals. Will accept straight or right angle connector wires. Extended hinge pin and external spring for increased closure force.
Part No. 11-797, Same as #11-786 except without extended hinge pin and external spring. Solid pins.
Part No. 11-789, Same as #11-797 except with split pins

11-786

Accessories

Part No. 11-761, 7 pole socket rubber socket boot for #11-720, #11-721, #11-723, #11-724, #11-729, #11-730 and #11-851. Seals against dust and moisture, 1.5" long, for .460"-.720 dia. cable.
Part No. 11-781, Hardware kit for 7-way sockets, zinc die-cast
Part No. 11-771, 7 pole socket bracket fits #11-851
Part No. 11-780, Neoprene gasket for 3-hole mount die-cast sockets. May be used as template.

11-797

11-771

7-WAY SOCKETS W/ REPLACEABLE CIRCUIT BREAKERS

•Base plate and back plate made from rugged glass filled nylon to resist breaking •Bottom lip has been extended to allow for better plug and cable support •Drain hole has been incorporated into the housing to allow accumulated moisture to escape •Will accept the widest range of wire gauges, from #14 wires to #8 ground wire •Will accept all plugs conforming to SAE J560 specifications •Ground may be tied to any screw mounting the rear terminal plate •Designed to provide easy serviceability of circuit breakers •Recommended that positive feed be attached to aux. post on circuit breaker.

AMPERAGE	PIN TYPE	PART NO.	REPL. CIRCUIT BREAKER METAL HOUSING	REPL. CIRCUIT BREAKER PLASTIC HOUSING
15	Split	11-735	54-115	-
20	Solid	11-736	54-120	54-120PL
20	Split	11-737	54-120	54-120PL
30	Split	11-739	54-130	54-130PL

STANDARD SOCKETS ADAPTED TO CIRCUIT BREAKER MOUNTING PLATE WITHOUT BREAKERS

For use as a replacement of original equipment when circuit breaker protection is not required
Part No. 11-732, Wire insertion style - solid pin
Part No. 11-733, Wire insertion style - split pin
Part No. 11-796, Ring termination style - split pin

11-732

RV CONNECTORS

•Polarized design with high impact green Cycolac interior split brass contacts for perfect fit to insure maximum current •PVC sleeves not affected by ozone or weather •Includes trailer end and car end •12-24 volts, 20 amp.
Part No. 11-200, Complete 2-way assembly
Part No. 11-405, Complete 4-way assembly

AUTOMOTIVE, MARINE, RV & TRUCK INLINE CONNECTORS

•Molded inline connectors are an economical means of connecting electrical systems •Wires are colour coded for easy installation •Standard 18 gauge automotive wire, 12" long, except where noted •Polarized to insure proper connection •Molded case offers all round weather protection •12 volt, 15 amp.
Part No. 12-200, Complete assembly 2-pole, flat type, 18 gauge wire
Part No. 12-403, Complete assembly 4-pole, flat type, 18 gauge wire
Part No. 12-404, Complete assembly 4-pole, flat type, with 48" wire leads of female (car) side. 12" leads on male (trailer) side
Part No. 12-600, Complete assembly 6-pole, square type, 18 gauge wire
Part No. 12-601, Complete assembly 6-pole, square type, with 48" wire leads of female (car) side. 12" leads on male (trailer) side

12-200

12-600

12-404

7-WAY RV OEM STYLE SOCKETS & WIRING ASSEMBLIES

Part No. 11-893, RV Socket OEM Style 12V, 30 amps - features high impact nylon that solves corrosion problems and eliminates rusting when mated with special interlocking sealed connector •Socket lid features stainless spring and runner gasket, also has a drain slot and is angled down for drainage •Terminal pins are tin plated copper alloy providing higher conductivity and less resistance •Fits Ford style and universal Pollak #12-711U mounting bracket for other OEM applications

11-893

Part No. 11-898, Wiring Assembly Kit - includes #11-893 socket and #12-711U bracket, interlocking connector and 4 ft. harness assembly with 0.5" convoluted tubing, and 7 wire leads colour coded to RVI standards •For new installations or replacement of damaged aftermarket or OEM sockets and wiring harnesses •Includes mounting hardware

11-898

7-WAY RV CONNECTORS

•Plastic connector set eliminates rusting, poor appearance and difficulty in plug removal •Design offers dual grips for ease of plug removal from socket and incorporates vinyl inserts to keep out dirt and moisture •Interior design prevents internal short circuiting, and the safety latch prevents damage from accidental pull away •Colour coded to RVI standards
Part No. 12-705, Complete assembly - #12-706 trailer end plug and #12-707 car end socket
Part No. 12-709, Complete assembly w/ bracket - #12-705 assembly and #12-711U bracket
Part No. 12-706, Trailer end plug
Part No. 12-707, Car end socket
Part No. 12-712, Car end socket w/ bracket - #12-707 car end socket and #12-711U bracket

7-WAY RV CONNECTORS W/ UNIQUE INTERIOR DESIGN

•Non corroding, shock resistant interiors with unique terminal reinforcer dams that eliminate short circuiting by preventing contacts from spreading •Centre pin will take up to 8 gauge wire for battery charge systems •Traditional metal connectors •Heavily plated for maximum weather and corrosion resistance •Stainless steel cover spring •Jumbo welded pistol grip •Safety latch prevents damage from accidental pull away •Colour coded to RVI standards
Part No. 12-700, Complete assembly - #12-702 trailer end plug and #12-703 car end socket
Part No. 12-704, Complete assembly w/ bracket - #12-700 assembly and #12-701U bracket
Part No. 12-702, Trailer end plug
Part No. 12-703, Car end socket
Part No. 12-710, Car end socket w/ bracket - #12-703 car end socket and #12-701U bracket

9-WAY RV CONNECTORS

•Heavy duty staking methods proven in long term usage. No possibility of molding compound contaminating contacts to cause dead spots •Unique method of machining from solid bar (not stamping) and spring loading contacts give long trouble free service •Floating pins are self-aligning offering continuous wiping action and the most positive contact •Terminals designed for 2-8 gauge, 2-12 gauge and 5-14 gauge to new industry standard for minimum voltage drop •Contacts on both trailer and car side spring loaded •Completely field serviceable
Part No. 12-905, Complete assembly - #12-906 trailer end plug and #12-907 towing vehicle end socket
Part No. 12-906, Trailer end plug
Part No. 12-907, Towing vehicle end socket
Part No. 12-701U, Bracket - constructed of heavy gauge steel

MOUNTING BRACKETS

Part No. 12-711U, Right angle mounting bracket for: #12-703, #12-707, #12-907, black epoxy coated for protection against rust and corrosion

Part No. 12-701U, Right angle mounting bracket for: #12-703, #12-707, #12-907, constructed of heavy gauge steel

POLLAK

Electrical Connectors

Plugs Feature:
•Large finger grips for ease of coupling/uncoupling •Meets SAE J560 specifications (ISO meets ISO 3731) •Floating brass pins for easy installation •Extended housing for easy repair •Wire insertion on 7-way (non-blade), and 6-way plugs

PERMAPLUG™
•Anti-corrosive, Dupont Super-Tuff Nylon® housing •360° cable compression fitting holds cable tight •Housing resists magnesium chloride, salt, oil, grease and fuels •Plugs fit all SAE J560 7-way cables •ABS insert protects housing from impacts •Easy replacement insert
Part No. 16-730.

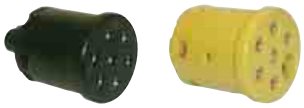
ZINC DIE-CAST PLUG
•Reinforced zinc die-cast for durability •Plugs fit all SAE J560 7-way cables •Easy replacement insert
Part No. 15-710, Industry-standard plug.
Part No. 15-730, Industry-standard plug w/ cable guard.

ISO PLUG w/ CABLE GUARD
•Reinforced zinc die-cast housing for durability •Male ground pin to prevent mis-connection •Easy replacement insert
Part No. 15-830.

4 & 6-WAY PLUGS
•Zinc die-cast housing for durability •Brass terminations for superior conductivity •Rugged finger grips for easy coupling/uncoupling
Part No. 15-410, 4-way plug.
Part No. 15-430, 4-way plug w/ cable guard.
Part No. 15-610, 6-way plug.
Part No. 15-630, 6-way plug w/ cable guard.

CABLE GUARD
•Spring for #15-710, 15-730 & 15-830 Plugs.
Part No. 15-731.

REPLACEMENT INSERT
Part No. 15-711, For standard Phillips #16-730, 15-730 & 15-710 SAE J560 plugs, black.
Part No. 16-811, For Phillips #15-830 ISO 3731 plug, yellow.



6-WAY INSERTS
Part No. 15-611, 6-way insert.

QCP™ REPLACEABLE CARTRIDGE INSERT
•Replacement cartridge for QCP™ Assembly ONLY •Machined brass pins •Floating pins for easy coupling/uncoupling
Part No. 16-125.

LIFTGATE (Charging) Plugs Feature:
•Perfect for liftgate applications utilizing trailer battery pack •NOT RECOMMENDED FOR POWER PULL FROM TRACTOR BATTERY •100 amp capacity
•Zinc die-cast housing with cable guard for durability

DUAL POLE PLUG
•Helps eliminate grounding corrosion and increases conductivity •For use with 4 gauge wire only •Separate ground pin for ground return systems •Mates with #15-326 socket
Part No. 15-336.

SINGLE POLE PLUG
•Industry-standard plug •Crimp lug for 4 gauge wire included •Installs with standard lug crimp tool •Mates with #15-320 socket
Part No. 15-335.

SINGLE CONDUCTOR BREAKAWAY
•Ideal for dumptruck applications •10 ga. to 6 ga. •50 amp
Part No. 15-800, Black socket.
Part No. 15-801, Red socket.
Part No. 15-805, Black plug.
Part No. 15-806, Red plug.

STA-DRY® Socketbreakers Feature:
•Inner cavity sealed to prevent contaminants from passing to wire harness
•Anti-corrosive, Dupont Super-Tuff Nylon® housing
•Stainless steel hinge pin and spring for long-life
•Circuit breaker can be changed in 30 seconds
•Raised interior ribs for moisture exit
•Includes neoprene closed cell sponge mounting gaskets
•Quick & easy circuit breaker change
•Full-opening lid

7-WAY SOCKETBREAKERS
Part No. 16-760, Without circuit breakers, split pins.
Part No. 16-761, With 15 amp circuit breakers, split pins.
Part No. 16-762, With 20 amp circuit breakers, split pins.
Part No. 16-763, With 30 amp circuit breakers, split pins.

ISO SOCKETBREAKERS
Part No. 16-860, Without circuit breakers, split pins w/ female ground pin.
Part No. 16-861, With 15 amp circuit breakers, split pins w/ female ground pin.
Part No. 16-862, With 20 amp circuit breakers, split pins w/ female ground pin.
Part No. 16-863, With 30 amp circuit breakers, split pins w/ female ground pin.

Zinc Die-Cast Socketbreakers Feature:

- •Meets SAE J560 specifications
- •Stainless steel hinge pin and spring for long-life
- •Full-opening lid
- •Raised interior ribs for moisture exit
- •Includes neoprene closed cell sponge mounting gaskets
- •Quick & easy circuit breaker change

7-WAY LOW PROFILE SOCKETBREAKERS

•Designed for container chassis, piggy-back and intermodal trailers where standard socketbreakers are exposed to damage •Circuit breaker can be changed in 30 seconds

Part No. 15-750, without circuit breakers, split pin.
Part No. 15-751, with 15 amp circuit breakers, split pin.
Part No. 15-752, with 20 amp circuit breakers, split pin.
Part No. 15-753, with 30 amp circuit breakers, split pin.

7-WAY EXTENDED BARREL SOCKETBREAKERS

•Industry standard application •Circuit breaker can be changed in 30 seconds

Part No. 15-760, without circuit breakers, split pin.
Part No. 15-761, with 15 amp circuit breakers, split pin.
Part No. 15-762, with 20 amp circuit breakers, split pin.
Part No. 15-763, with 30 amp circuit breakers, split pin.

STA-DRY® Sockets Feature:

- •Inner cavity sealed to prevent contaminants from passing to wire harness
- •Anti-corrosive, Dupont Super-Tuff Nylon® housing
- •Resists magnesium chloride, salt, oil, grease and fuels
- •Extended front barrel for additional cable support
- •Slanted 5° for moisture drain
- •Unbreakable housing and lid
- •Stainless steel hinge pin and spring for long-life
- •Elongated holes for mounting adaptability
- •Meets SAE J560 specifications
- •Split brass pins

WIRE INSERTION

Part No. 16-720, 2-hole, wire insertion.
Part No. 16-721, 3-hole, wire insertion

7-WAY SOCKETS

•Zinc die-cast housing for durability •Elongated holes for mounting adaptability •Stainless steel hinge pin and spring for long-life •Full-opening lid •Meets SAE J560 specifications

Part No. 15-720, 2-hole, wire insertion, split pin.
Part No. 15-722, 3-hole, wire insertion, split pin.

4 & 6-WAY SOCKETS

•Zinc die-cast housing for durability •Elongated holes for mounting adaptability •Stainless steel hinge pin and spring for long-life •Full-opening lid

Part No. 15-400, 4-way, wire insertion, split pin, mates with #15-410, 15-430.
Part No. 15-600, 6-way, wire insertion, split pin, mates with #15-610, 15-630.

LIFTGATE (Charging) Sockets Feature:

- •Perfect for liftgate applications utilizing trailer battery pack
- •NOT RECOMMENDED FOR POWER PULL FROM TRACTOR BATTERY
- •100 amp capacity
- •Zinc die-cast housing
- •Stainless steel hinge pin and spring for long-life

DUAL POLE SOCKET

•Zinc die-cast housing for durability •Solid brass pins •Elongated holes for mounting adaptability •Stainless steel hinge pin and spring for long-life •5/16" stud size for lugs •Mates with #15-336 dual pole plug.
Part No. 15-326.

SINGLE POLE SOCKET for use with 4 ga., 5/16" lug

•Zinc die-cast housing for durability •Solid brass pins •Elongated holes for mounting adaptability •Stainless steel hinge pin and spring for long-life •5/16" stud size for lugs •Mates with #15-335 single pole plug.
Part No. 15-320.

SOCKET BOOT

•Reduces exposure to contaminants & moisture
Part No. 15-740, Fits #15-720, 15-722, 16-720, 16-721.
Part No. 15-640, Fits #15-400, 15-600.

15-740

15-640

Electrical Products

SINGLE POLE CONNECTORS

PART NO.	DESCRIPTION
BE23101	Single pole female receptacle assembly
BE23102	Single pole male plug assembly

BE23101

BE23402

BE23403

4-WAY, 6-WAY & 7-WAY CONNECTORS

PART NO.	DESCRIPTION
BE23402	4 way female receptacle assembly
BE23403	4 way male plug assembly
BE23404	4 way male plug assembly c/w cable guard
BE23602	6 way female receptacle assembly
BE23603	6 way male plug assembly
BE23604	6 way male plug assembly c/w cable guard
BE23703	7 way 2 bolt mount female receptacle - plug in connections
BE23707	7 way 2 bolt mount female receptacle - terminal connections
BE23702	7 way 3 bolt mount H.D. female receptacle - plug in connections
B205010	Rubber receptacle boot for 7 way receptacles
BE23783	7 way male plug assembly - plug in connections
BE23784	7 way male plug assembly c/w cable guard - plug in connections
B202610	Replacement insert for #BE23783 and #BE23784 receptacles
B205140	Spring cable guard for #BE23783 and #BE23784 receptacles

BE23602

BE23783

B205140

BE23784

B202610

BE20400

CONNECTOR ACCESSORIES

PART NO.	DESCRIPTION
B20508	Adapter housing for surface mount of 7 way receptacles
BE20400	Rugged terminal cleaner for 7 way plugs and receptacles (One end for plug and one end for receptacle). Stainless steel brushes.

TRAILER NOSE BOX ASSEMBLIES

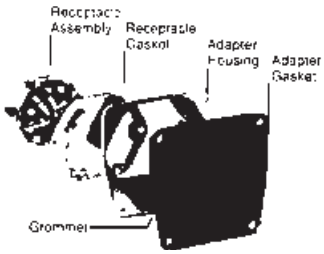
PART NO.	DESCRIPTION
BE23703	7 way 2 bolt mount female receptacle - plug in connections
BE26100	Interline series nose box assembly c/w quick connector - 6 and 7 way
BE26102	Interline series nose box assembly - 6 and 7 way
BE26103	Interline series nose box assembly - 7 way
B26000	Replacement housing for interline nose box assemblies
B26001	Replacement front cover for interline nose box assemblies
B26003	Left gladhand mount block for interline nose box assemblies
B26004	Right gladhand mount block for interline nose box assemblies

B20508

INTERLINE NOSEBOX ASSEMBLY

CIRCUIT BREAKER RECEPTACLES

PART NO.	DESCRIPTION
BE24015	15 amp receptacle assembly only - 7 way
BE24020	20 amp receptacle assembly only - 7 way
BE24120	20 amp receptacle assembly c/w adapter housing - 7 way
BE24220	20 amp receptacle assembly c/w adapter housing - 6 and 7 way
24100	Replacement adapter housing c/w screws for #BE24120 assembly
BE20265	Replacement receptacle insert - 7 way
B20021	Replacement cable port grommet



JUNCTION BOXES

PART NO.	DESCRIPTION
BE22070	Circuit breaker style 6 pole junction box c/w lid
BE22090	Terminal block style 6 pole junction box c/w lid
BE22010	Terminal block style 7 pole junction box c/w lid
BE20512	Replacement lid for #BE22010 and #BE22070 junction boxes
B20015	Replacement closed hole grommet for junction boxes
B20016	Replacement open hole grommet for junction boxes

Haldex

HEAVY DUTY TRAILER CONNECTORS

•For tractors, trailers, recreational vehicles and farm equipment •Corrosion resistant zinc die-cast construction •All sockets have spring loaded flap covers •Integral cable clamp prevents cable from being pulled loose from connections •High impact molded insulators have wire codes permanently molded into them for easy identification •Extended bumper type plug interior prevents damage to shell

HEAVY DUTY 7-POLE CONNECTOR ZINC DIE-CAST HOUSING

•Meets and exceeds all rigid anti-skid standards of FMVSS-121, SAE J560 and ISO 1185 •Accommodates the widest range of wire gauge from 16 to 8 for ground wire •Solid floating contact pins for positive contact and alignment

PART NO.	DESCRIPTION
76-4025EA	7-pole connector socket
76-4062EA	7-pole connector plug w/ cable protector
76-4026EA	7-pole connector plug
76-4024EA	7-pole trailer connector assembly - #76-4025EA socket and #76-4026EA plug
Replacement Parts & Accessories	
76-4066EA	7-pole socket interior for #76-4025EA socket
76-4054EA	7-pole plug interior for #76-4026EA and #76-4062EA plugs
76-4071EA	Flexible rubber boot to provide weather proof protection at rear of 7-pole socket
76-4220EA	7-way plug cleaner - helps eliminate poor electrical connections due to corroded trailer terminals. Facilitates both plug and socket cleaning.

HEAVY DUTY 6-POLE CONNECTOR

•Die-cast construction keyed high impact molded insulators •Conceals and protects connections against road splash, dirt, etc. 12-24 Volt, 35 amp

PART NO.	DESCRIPTION
76-4009EA	6-pole connector socket
76-4013EA	6-pole connector plug w/ cable protector
76-4011EA	6-pole connector plug
76-4015EA	6-pole trailer connector assembly - #76-4009EA socket and #76-4011EA plug
76-4018EA	6-pole trailer connector assembly - #76-4009EA socket and #76-4013EA plug
Replacement Parts & Accessories	
76-4010EA	6-pole socket interior for #76-4009EA socket
76-4012EA	6-pole plug interior for #76-4011EA and #76-4013EA plugs
76-4074EA	Flexible rubber boot to provide weather proof protection at rear of 6-pole socket

HEAVY DUTY 4-POLE CONNECTOR

•Special socket housing design conceals and protects connectors against road splash, dirt, etc.

PART NO.	DESCRIPTION
76-4020EA	4-pole connector socket
76-4021EA	4-pole connector plug
76-4019EA	4-pole trailer connector assembly - #76-4020EA socket and #76-4021EA plug

MEDIUM DUTY 4-POLE CONNECTOR

•Polarized, chrome-plated die-cast housing, spring loaded cover, brass contacts

PART NO.	DESCRIPTION
76-4016EA	4-pole connector socket
76-4017EA	4-pole connector plug
76-4014EA	4-pole trailer connector assembly - #76-4016EA socket and #76-4017EA plug

76-4133EA

76-4000EA

MOLDED INLINE CONNECTORS

PART NO.	DESCRIPTION
76-4133EA	6-Pole Molded Connector Assembly - polarized, colour coded, weather resistant PVC body, 24" long
76-4000EA	4-Pole Flat-Type Molded Connector Assembly - polarized, brass contacts molded into weather resistant PVC body. Colour coded wires. Connector assembly complete. 24" long
76-4228EA	3-Pole Flat-Type Molded Connector Assembly - molded water proof body with colour coded wires. Polarized for proper mating of circuits. Terminals precision aligned for maximum current carrying capacity and ease of connecting and disconnecting. 12" long wires on male and female sides
76-4200EA	2-Pole Flat-Type Molded Connector Assembly - molded water proof body. 16 ga., 44" long, colour coded leads

76-4228EA

RV CONNECTOR ADAPTER

Converts 7-Pole to 4-Pole Connections.
Part No. 76-4148EA.

NEW!!

TECHSPAN AUTOMOTIVE

Trailer Connectors

82-1034EA

82-1033EA

82-1030EA

MOLDED INLINE FLAT CONNECTORS
•Brass contacts •Weather resistant PVC body •Wire colour identification
Part No. 82-1034EA, 2 pole connector assembly, 16 ga.
Part No. 82-1035EA, 2 pole pin-flat assembly, 10 ga.
Part No. 82-1033EA, 3 pole connector assembly, 16 ga.
Part No. 82-1030EA, 4 pole connector assembly, 16 ga. - car/trailer harness leads
Part No. 82-1031EA, 4 pole vehicle end connector - 1 male and 3 female
Part No. 82-1032EA, 4 pole trailer end connector - 3 male and 1 female

82-1025EA

MOLDED CONNECTOR ASSEMBLIES •North American
Part No. 82-1025EA, 4 pole connector assembly
Part No. 82-1027EA, 2 pole connector assembly

82-1021EA

82-1020EA

HEAVY DUTY 4-POLE CONNECTORS •North American
Part No. 82-1020EA, 4 pole socket with enclosed terminals
Part No. 82-1021EA, 4 pole plug - heavy duty connects
Part No. 82-1040EA, Kit - includes #82-1020EA and #82-1021EA

HEAVY DUTY 6-POLE & 7-POLE CONNECTORS
•Exceeds ATA and SAE standards •Die-cast housing for corrosion resistance •Split pin sockets
Part No. 82-1006EA, 6 pole plug - North American
Part No. 82-1011EA, 6 pole plug
Part No. 82-1010EA, 6 pole plug with guard
Part No. 82-2006EA, 6 pole plug with guard - North American
Part No. 82-1013EA, 6 pole plug interior - North American
Part No. 82-1015EA, 6 pole socket with exposed terminals - North American
Part No. 82-1016EA, 6 pole socket with enclosed terminals
Part No. 82-4006EA, 6 pole socket with enclosed terminals - North American
Part No. 82-1012EA, Socket boot for #82-1015EA - North Amercian
Part No. 82-1018EA, 6 pole plug and socket kit
Part No. 82-1001EA, 7 pole plug
Part No. 82-1007EA, 7 pole plug - North American
Part No. 82-1019EA, 7 pole plug with guard
Part No. 82-1037EA, 7 pole plug with guard - North American
Part No. 82-2140EA, 7 way polyglass plug - North American
Part No. 82-1003EA, 7 pole interior plug - North American
Part No. 82-2141EA, Cable guard for #82-1001EA
Part No. 82-2142EA, Plug boot for #82-1001EA - North American
Part No. 82-1002EA, 7 pole socket
Part No. 82-1005EA, 7 pole socket, solid pin - North American
Part No. 82-1047EA, 7 pole socket - North American
Part No. 82-0850EA, 7 way receptacle with circuit breaker
Part No. 82-2144EA, Socket boot for #82-1005EA - North American

82-2006EA

82-1016EA

82-1011EA

82-1013EA

82-2141EA

82-0850EA

ULTRA-PIN RECEPTACLE, 2 HOLE MOUNT
•Weathertight •No rust, die-cast zinc •Heavy bosses for extra rigidity •Barrel slanted to drain moisture •Mounting holes slotted for universal fit •Replaceable solid brass plate •Floating pins for easy alignment and solid mating •High impact retainer plate •Two male terminals for grounding
Part No. 87250EA, Receptacle only, split pin
Part No. 99510EA, Retro-fit plug-in terminal kit only - contains 9 terminals and 9 boots
Part No. 87270EA, Receptacle with retro-fit plug-in terminal kit, split pin

82-1001EA

82-2140EA

82-1003EA

ULTRA-PIN RECEPTACLE, 3 HOLE MOUNT
•Weathertight •No rust, die-cast zinc •Heavy bosses for extra rigidity •Mounting holes slotted for universal fit •Replaceable solid brass pins •Floating pins for easy alignment and solid mating •High impact retainer plate
Part No. 87220EA, Receptacle only, split pin
Part No. 99510EA, Retro-fit plug-in terminal kit, split pin - contains 9 terminals and 9 boots
Part No. 87240EA, Receptacle with retro-fit plug-in terminal kit, split pin

RVI POLLAGLAS 7-POLE CONNECTORS •12-24 volts •30 amp
Part No. 82-1056EA, 7 pole plus trailer end
Part No. 82-1058EA, 7 pole socket car end
Part No. 82-1050EA, Connector kit - includes #82-1056EA and #82-1058EA

82-1058EA

HEAVY DUTY 1 POLE CONNECTORS
•Continuous duty capacity of 300 amps •Heavy duty zinc die cast housing •Corrosion resistant •North American
Part No. 82-0851EA, 1 pole socket
Part No. 82-0852EA, 1 pole plug
Part No. 82-0950EA, Connector kit - includes #82-0851EA and #82-0852EA

82-1056EA

82-0852EA

82-0851EA

Grote
The first name in vehicle safety systems®

GROTE
Trailer Connectors

RECEPTACLE MOUNTING BOX
•For surface mounting receptacles •Fits over all terminals and wiring •Strain relief to protect wiring system •Rustproof aluminum •Slotted mounting holes •Mounting for #87860EA, #87240EA, #87220EA, #87850EA.
Part No. 43684EA.

ULTRA-PIN RECEPTACLE, 4 HOLE MOUNT NOSE BOX
•Extra heavy bases •Slanted barrel for drainage •Floating pins •High impact retainer plate •Die-cast zinc.
Part No. 87590EA, Solid pin.

SEVEN TERMINAL JUNCTION BOX
•Corrosion resistant molded cover and housing •Entrance slots •Two-bolt mounting 7-3/8" to centre •Access slot grommets included, four open, four closed •Seven #10-32 studs
Part No. 82-1000EA.

DRI-SEAL CIRCUIT BOX
•Entrances stay dry by using the new push-in choke seals and threaded fittings - comes with 4 choke seals •18 brass circuit studs and full hardware •Entry from 4 sides •All components are corrosion resistant •Numbered label for fast circuit I.D. •Ample area for wire and cable - 1 cable entrance fitting
Part No. 351044EA.

Grote
The first name in vehicle safety systems®

COLE HERSEE
Trailer Connectors

6 & 4 POLE SOCKETS & PLUGS
SOCKETS: •Die-cast metal housing •Screw terminals, accept up to #12 gauge wire •Brass contacts aligned to assure proper contact and minimum voltage drop •Wiring codes identified on insulator •Replaceable interior •Spring loaded socket door , plug locks into opening securely PLUGS: •Die-cast metal housing •Screw terminals, accept up to #12 gauge wire •Contacts float for best alignment and connection •Replaceable interior

PART NO.	DESCRIPTION
1258	6 pole socket - exposed terminal screws, split contact pins, 17/64" dia. x 2-15/16" on centers flange holes, mounting through 1-3/8" dia. hole
1235	6 pole socket - same as #1258 except with special housing design to protect connections from road splash, dirt, etc.
1257	4 pole socket - exposed terminal screws, split contact pins, 17/64" dia. x 2-15/16" on centers flange holes, mounting through 1-3/8" dia. hole
1232	4 pole socket - same as #1257 except with special housing design to protect connections from road splash, dirt, etc.
1254	6 pole plug w/ cable protector - holds all size cables firmly in place, plated steel cable protector provides strain relief and abrasion protection
1236	6 pole plug - same as #1254 except without cable protector
1253	4 pole plug w/ cable protector - holds all size cables firmly in place, plated steel cable protector provides strain relief and abrasion protection
1233	4 pole plug - same as #1253 except without cable protector

7 POLE PLUGS WITH SPRING-GRIP ELECTRICAL CONTACTS
•Unique brass female contact with self adjusting spring band insures uniform contact with socket pin •Greater contact area for increased electrical efficiency •Coupling and uncoupling are easier •Creates a wiping action that eliminates dirt, dust, etc. •Competitive contacts will spread after repeated use, limiting the contact area and reducing current flow. The distorted contact allows dirt, dust, etc. to build up, further increasing voltage loss •Die-cast metal housing •Ground terminal accepts up to #8 gauge wire, other terminals up to #10 gauge wire •Replaceable interior •Wiring codes identified on insulator

PART NO.	DESCRIPTION
1255	7 pole plug w/ cable protector - holds all size cables firmly in place, plated steel cable protector provides strain relief and abrasion protection
1222	7 pole plug - same as #1255 except without cable protector

7 POLE PLUGS FEATURING SPRING-CLIP QUICK RELEASE PLUG INTERIORS
•Screw, ground terminal accepts up to #8 gauge wire, other terminals up to #10 gauge wire •Replaceable interior •Floating contacts for best alignment and connection

PART NO.	DESCRIPTION
12092	7 pole plug w/ cable protector (die-cast metal housing) - holds all size cables firmly in place, plated steel cable protector provides strain relief and abrasion protection
12091	7 pole plug - same as #12092 except without cable protector
12082	7 pole plug w/ cable protector (glass filled plastic housing) - holds all size cables firmly in place, plated steel cable protector provides strain relief and abrasion protection
12081	7 pole plug - same as #12082 except without cable protector

Cole Hersee Co.

Trailer Connectors

7 POLE CONNECTORS FOR ISO APPLICATIONS

•Replacement 7 pole connectors per ISO 3731-1980 (E): Road vehicles - electrical connections between towing vehicles and trailers with 24V electrical equipment. Type 24S (supplementary) •Die-cast metal housing •Six spring-grip female contacts and one solid male contact pin

PART NO.	DESCRIPTION
12077-01	Polarized ground terminal for correct mating- insulated circuit contacts (not self grounding). One "spring grip" female contact and six solid male contact pins. Spring loaded cover protects contacts from weather, dirt, etc. Flange holes 21/64" diameter, 2-15/16" on centers. Mounts through 2" diameter hole.
11100-02	7 pole connector w/ cable protector - holds all size cables firmly in place, plated steel cable protector provides strain relief and abrasion protection

7 POLE SOCKETS - CONFORM TO A.T.A., R.C.C.C. (RP-102), SAE (J560b) AND FMVSS-121, FIEI T.T.M.A. (RP#40-73) STANDARDS OR RECOMMENDATIONS

•Ground terminal accepts up to #8 gauge wire, other terminals up to #10 gauge wire •Brass contacts, aligned to assure proper contact and minimum voltage drop •Wiring codes embossed on insulator •Spring loaded socket door cover, fits over mating ridge on socket face for weather and dirt protection •Screw terminal •Flange holes: oval .488" x .328", 2.93" on centers •Mounting through 2" dia. hole

PART NO.	DESCRIPTION
12063	7 pole socket (solid brass contact pins) - self grounding, die-cast metal housing
12063-01	7 pole socket (split brass contact pins) - self grounding, die-cast metal housing
12080	7 pole socket (solid brass contact pins) - insulated circuit contacts, glass filled plastic housing
12080-01	7 pole socket (split brass contact pins) - insulated circuit contacts, glass filled plastic housing

12063

12080

STOR-A-WAY TRAILER CONNECTOR PLUG HOLDER

•For all 7-pole plugs conforming to T.T.M.A., A.T.A. and SAE specifications •Keeps plugs clean when not in use •Spring loaded for secure locking •Prevents plug damage and tangling of cables •Heavy duty glass filled plastic housing
Part No. 11750.

PLATED STEEL SOCKET MOUNTING BRACKET

•For 7-pole plugs conforming to T.T.M.A., A.T.A. and SAE sockets and 6 and 4 pole sockets of comparable design •Center hole 2" dia.
Part No. 11165.

PLATED STEEL CABLE PROTECTOR

•Plated steel spring for plug #12081, #12082, #12091, #12092
Part No. 81192.

ADAPTER HOUSING

•For 4, 6, and 7 pole connector sockets without circuit breakers •Eliminates need for cutting socket mounting hole in trailer •Socket attaching screws and lockwashers furnished
Part No. 1179.

PROTECTIVE BOOT FOR 7 POLE SOCKETS

•Protects against road splash, dirt, etc. •Inner ridge locks over head of terminal screws and edge of casting to hold securely •For socket #12063, #12063-01, #12080, #12080-01 and other 7 pole sockets of comparable design
Part No. 11178.

PLUG CLEANER WITH STAINLESS STEEL BRUSHES

•Extends life of connectors •Clean corroded contacts in seconds •Durable plastic body with snap-on cover
Part No. 11187.

SINGLE POLE POWER TAKE-OFF CONNECTOR

•Provides power to auxiliary equipment •Accepts up to #0 cable •Die cast housing •Electrical conductors and connections designed for maximum efficiency and long life

Socket, Self Grounding

•Mounting: fits 2" dia. hole, flange holes 21/64" dia. 2-15/16" on centers •Contact: solid brass 3/8" dia. male contact with insulated tip to prevent short circuits •Weatherproofing: rubber boot protects terminals and connections from moisture and dirt
Part No. 11041.

Plug, Ground Return Terminal

•Contact: brass female contact produces Spring-Grip tension for solid engagement with mating socket •Cable clamp: holds cable firmly in place
Part No. 11042.

UNIVERSAL TRAILER CONNECTORS WITH PROTECTIVE RUBBER CAPS

•Molded insulator bodies •Precision machined brass contacts •Rubber caps to protect connectors •Polarized to assure proper mating of circuits •Circuit identification printed on insulator •Four pole
Part No. 1134.

FARM EQUIPMENT CONNECTORS - 2-POLE

•2-pole breakaway-unit •20 amp maximum capacity •Polarized for proper mating of circuits •Mate with all connectors of comparable design

Socket

•Plated steel housing •High impact resistant molded plastic insulator •Mounting: integral mounting bracket with two .218" dia. mounting holes, 1.25" on centers •Contact: brass •Terminals: brass screw •Cover: stainless steel spring cover locks plug in place, closes securely to protect contacts when not in use
Part No. 1282.

Plug

•Plated brass housing •Cable Clamp: threaded cable grip prevents cable from being pulled loose from connection, plug automatically releases at approximately 20 pounds pull
Part No. 1283-325.

UNIVERSAL TRAILER CONNECTORS

•Polarized to assure proper mating of circuits •Molded weatherproof bodies •Colour coded 16 ga. wire, 6" long •Conductors properly aligned and bonded in insulation to assure minimum voltage drop and ease in connecting

Part No. 11135, 5-pole.

Part No. 11173, 3-pole.

Part No. 11134, 4-pole.

Part No. 11134-08-BP, 4-pole connector with eight #30223 Quick-tap wire splicers.

Part No. 11172, 2-pole.

Cole Hersee Co.

Individual Glass Fuses

*Available in a carded 5 Pk.

Buss® Fuses

5 Pk. Carded Glass Fuses

PART NO. Sold 5 Per Card	SIZE (inches)
BP/AGC-5	¼" x 1¼"
BP/AGC-7-1/2	¼" x 1¼"
BP/AGC-10	¼" x 1¼"
BP/AGC-15	¼" x 1¼"
BP/AGC-20	¼" x 1¼"
BP/AGC-25	¼" x 1¼"
BP/AGC-30	¼" x 1¼"
BP/SFE-9	¼" x 1"
BP/SFE-14	¼" x 1-1/16"
BP/SFE-20	¼" x 1¼"
BP/SFE-30	¼" x 1-7/16"

PART NO. Sold Individually	SIZE (inches)
MDL-3/4	¼" x 1½"
MDL-1	¼" x 1¼"
MDL-1-1/2	¼" x 1¼"
MDL-2	¼" x 1¼"
MDL-2-1/2	¼" x 1¼"
MDL-3	¼" x 1¼"
MDL-4	¼" x 1¼"
MDL-5	¼" x 1¼"
MDL-6	¼" x 1¼"
MDL-6-1/4	¼" x 1¼"
MDL-7	¼" x 1¼"
MDL-8	¼" x 1¼"
MDL-9	¼" x 1¼"
MDL-10	¼" x 1¼"
MDL-15	¼" x 1¼"
MDL-20	¼" x 1¼"
MDL-25	¼" x 1¼"
MDL-30	¼" x 1¼"
SFE-4	¼" x 5/8"
SFE-6	¼" x ¾"
SFE-7-1/2	¼" x 7/8"
SFE-9*	¼" x 1"
SFE-14*	¼" x 1-1/16"
SFE-20*	¼" x 1¼"
SFE-30*	¼" x 1-7/16"

PART NO. Sold Individually	SIZE (inches)
AGU-1	13/32" x 1½"
AGU-2	13/32" x 1½"
AGU-3	13/32" x 1½"
AGU-4	13/32" x 1½"
AGU-5	13/32" x 1½"
AGU-10	13/32" x 1½"
AGU-15	13/32" x 1½"
AGU-20	13/32" x 1½"
AGU-25	13/32" x 1½"
AGU-30	13/32" x 1½"
AGU-35	13/32" x 1½"
AGU-40	13/32" x 1½"
AGU-50	13/32" x 1½"
AGU-60	13/32" x 1½"
AGW-1	¼" x 7/8"
AGW-1-1/2	¼" x 7/8"
AGW-2-1/2	¼" x 7/8"
AGW-3	¼" x 7/8"
AGW-4	¼" x 7/8"
AGW-5	¼" x 7/8"
AGW-6	¼" x 7/8"
AGW-15	¼" x 7/8"
AGW-20	¼" x 7/8"
AGW-30	¼" x 7/8"
AGX-2	¼" x 1"
AGX-3	¼" x 1"
AGX-8	¼" x 1"
AGX-20	¼" x 1"
AGX-25	¼" x 1"
AGX-30	¼" x 1"

PART NO. Sold Individually	SIZE (inches)
AGA-1	¼" x 5/8"
AGA-1-1/2	¼" x 5/8"
AGA-2	¼" x 5/8"
AGA-2-1/2	¼" x 5/8"
AGA-3	¼" x 5/8"
AGA-5	¼" x 5/8"
AGA-6	¼" x 5/8"
AGA-7	¼" x 5/8"
AGA-7-1/2	¼" x 5/8"
AGA-10	¼" x 5/8"
AGA-15	¼" x 5/8"
AGA-20	¼" x 5/8"
AGA-25	¼" x 5/8"
AGA-30	¼" x 5/8"
AGC-1/8	¼" x 1¼"
AGC-1/4	¼" x 1¼"
AGC-1/2	¼" x 1¼"
AGC-3/4	¼" x 1¼"
AGC-1	¼" x 1¼"
AGC-1-1/4	¼" x 1¼"
AGC-1-1/2	¼" x 1¼"
AGC-2	¼" x 1¼"
AGC-2-1/2	¼" x 1¼"
AGC-3	¼" x 1¼"
AGC-4	¼" x 1¼"
AGC-5*	¼" x 1¼"
AGC-6	¼" x 1¼"
AGC-7	¼" x 1¼"
AGC-7-1/2*	¼" x 1¼"
AGC-8	¼" x 1¼"
AGC-10*	¼" x 1¼"
AGC-15*	¼" x 1¼"
AGC-20*	¼" x 1¼"
AGC-25*	¼" x 1¼"
AGC-30*	¼" x 1¼"
AGC-35	¼" x 1¼"
AGC-40	¼" x 1¼"
AGC-50	¼" x 1¼"

Wiring Harness Fuses & Accessories

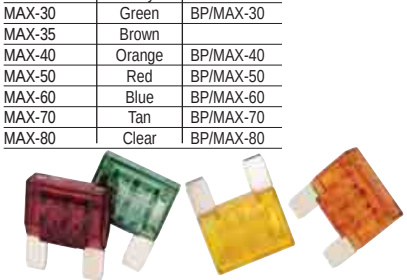
- ANN: Rated at 125 volts for applications up to 800 amps
- ANL: Rated at 32 volts for applications up to 750 amps — often used for protection on forklifts, golf carts, and similar applications.
- AMG: High current applications on some late model vehicles
- AMI: Used in power distribution protection for some late model vehicles
- FLB: Bolts into fuse block, 13/16" bolt terminal
- FLD: Bolts into fuse block, 9/16" bolt terminal
- FLF: Female terminations
- FLM: Male terminations
- FLN: Female terminations, locking tab
- FLS: Female mini terminations
- FMX: Female Maxi

PART NO. Sold Individually
AMG-100
AMG-125
AMG-150
AMG-175
AMG-200
AMG-225
AMG-250
AMG-300
AMI-40
AMI-50
AMI-80
ANL-35
ANL-40
ANL-50
ANL-60
ANL-80
ANL-100
ANL-125
ANL-130
ANL-150
ANL-175
ANL-200
ANL-225
ANL-250
ANL-275
ANL-300
ANL-325
ANL-350
ANL-400
ANL-500
ANN-10
ANN-35
ANN-40
ANN-50
ANN-60
ANN-80
ANN-90
ANN-100
ANN-125
ANN-150
ANN-175
ANN-200

PART NO. Sold Individually	COLOUR
ANN-225	
ANN-250	
ANN-275	
ANN-300	
ANN-325	
ANN-350	
ANN-400	
ANN-500	
ANN-600	
ANN-700	
ANN-800	
FLB-30	Pink
FLB-40	Green
FLB-50	Red
FLB-60	Yellow
FLB-70	Brown
FLB-80	Black
FLB-100	Blue
FLB-120	Grey
FLB-140	Maroon
FLD-30	Pink
FLD-40	Green
FLD-50	Red
FLD-80	Black
FLD-100	Blue
FLF-20	Light Blue
FLF-30	Pink
FLF-40	Green
FLF-50	Red
FLF-60	Yellow
FLM-30	Pink
FLM-60	Yellow
FLM-80	Black
FLM-100	Blue
FLM-120	Grey
FLN-25	Brown
FLN-30	Green
FLS-30	Pink
FLS-40	Green
FMX-20	Blue
FMX-30	Pink
FMX-40	Green
FMX-50	Red
FMX-60	Yellow

Blade Fuses

PART NO. Sold Individually	COLOUR	PART NO. Sold 5 Per Card
ATC-1	Black	BP/ATC-1
ATC-2	Grey	BP/ATC-2
ATC-3	Violet	BP/ATC-3
ATC-4	Pink	BP/ATC-4
ATC-5	Tan	BP/ATC-5
ATC-7-1/2	Brown	BP/ATC-7-1/2
ATC-10	Red	BP/ATC-10
ATC-15	Blue	BP/ATC-15
ATC-20	Yellow	BP/ATC-20
ATC-25	Clear	BP/ATC-25
ATC-30	Green	BP/ATC-30
ATC-35	Blue-Green	
ATC-40	Orange	BP/ATC-40
ATM-2	Grey	
ATM-3	Violet	
ATM-4	Pink	
ATM-5	Tan	
ATM-7-1/2	Brown	BP/ATM-7-1/2
ATM-10	Red	BP/ATM-10
ATM-15	Blue	BP/ATM-15
ATM-20	Yellow	BP/ATM-20
ATM-25	Clear	BP/ATM-25
ATM-30	Green	BP/ATM-30
ATM-7-1/2LP	Brown	
ATM-10LP	Red	
ATM-15LP	Blue	
ATM-20LP	Yellow	
ATM-25LP	Clear	
ATM-30LP	Green	
MAX-20	Yellow	BP/MAX-20
MAX-25	Grey	
MAX-30	Green	BP/MAX-30
MAX-35	Brown	
MAX-40	Orange	BP/MAX-40
MAX-50	Red	BP/MAX-50
MAX-60	Blue	BP/MAX-60
MAX-70	Tan	BP/MAX-70
MAX-80	Clear	BP/MAX-80



Ceramic Fuses

PART NO. Sold Individually	SIZE (inches)	COLOUR
GBC-5	¼" x 31/32"	Yellow
GBC-8	¼" x 31/32"	White
GBC-16	¼" x 31/32"	Red
GBC-25	¼" x 31/32"	Blue

NEW Low Profile

Automotive & Heavy Duty Electrical Products

ATC Fuse Holders & Accessories

FUSE TAP
Fits over the leg of any ATC blade fuse to tap into an existing circuit — to power a cellular phone, stereo component, etc.
Part No. BP/ATC-TAP, Pack of 5.

FUSE CIRCUIT CONVERTER
Converts an ATC fuse circuit into two fusible circuits by plugging into the fuseblock and accepts two fuses to provide protection for the existing circuit and the add-on circuit (10 amp maximum).
Part No. BP/HHA.

ATC FUSE HOLDERS
Part No. HHC, 1-20 amps w/ 16 ga. wire leads — yellow.
Part No. HHD, 1-30 amps w/ 12 ga. wire leads — black.
Part No. BK/HHD-C, Cover for HHC or HHD.
Part No. HHD-12, Display card of 12 HHD fuse holders.

HHC
HHD
BK/HHD-C

HHD-12

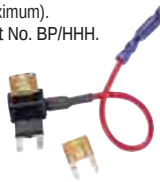
ATC FUSE HOLDERS
Part No. HHF, 3-20 amp fuse holder w/ protective cap w/ 16 ga. wire leads.
Part No. HHG, 3-30 amp fuse holder w/ protective cap w/ 12 ga. wire leads.

ATC FUSE HOLDER — WATERPROOF
Part No. HHR, Waterproof fuse holder w/ locking cap and mounting hole w/ 12 ga. leads.

ATM/Mini Fuse Holders & Accessories

FUSE TAP
Fits over the leg of any ATM blade fuse to tap into an existing circuit — to power a cellular phone, stereo component, etc.
Part No. BP/ATM-TAP.

FUSE CIRCUIT CONVERTER
Converts an ATM fuse circuit into two fusible circuits by plugging into the fuseblock and accepts two fuses to provide protection for the existing circuit and the add-on circuit (10 amp maximum).
Part No. BP/HHH.



MINI FUSE HOLDERS
Part No. BK/HHL-B, HHL body only - 2-20 amps.
Part No. BK/HHM-B, HHM body only - 2-30 amps.
Part No. BK/HHM-C, Cover only.

ATM FUSE HOLDERS
Part No. HHL, 2-20 amps w/ 16 ga. wire leads, with cover.
Part No. HHM, 2-30 amps w/ 12 ga. wire leads, with cover.

Maxi & Miscellaneous Fuse Holders & Accessories

MAXI FUSE HOLDERS
Part No. HHX, 20 - 60 amps fuse holder w/ cover and w/ 6 ga. wire leads.
Part No. BK/HHX-B, Body only, 20-60 amps, w/ 6 ga. wire leads.
Part No. BK/HHX-C, Cover only.

LIFT TRUCK FUSE HOLDER
Used with ANN and ANL fuses.
Part No. SFR.

AMG FUSE HOLDER
Fuse holder used with AMG fuses from 100 to 300 amps, recommended wire size is #2-8 and has full access design for ease of wiring from any direction. Impact resistant and has durable plastic base and cover.
Part No. HMEG.

AMI FUSE HOLDER
Fuse holder used with AMI fuses from 40 to 80 amps, and multiple blocks can be linked together to form an assembly.
Part No. HMID.

Buss® Fuses

Glass Tube Fuse Holders

WATERPROOF UNIVERSAL FUSE HOLDER
Accepts AGC, MDL fuses and from 12 to 16 ga. leads (not included).
Part No. HFA.

TWIST-LOCK FUSE HOLDER
Universal nylon twist-lock fuse holder w/ 14 ga. wire.
Part No. HHK.

PANEL MOUNT FUSE HOLDER
High profile knob, rear hex nut mounting, ¼" QC terminations up to 15 amp.
Part No. HKP-HH.

AGC FUSE HOLDER
1-30 amp AGC and SFE-20 fuse holder w/ 12 ga. wire.
Part No. HMK.

UNIVERSAL FUSE HOLDER
With springs to adapt to different fuse lengths w/ 14 ga. wire.
Part No. HRK.

PANEL MOUNT FUSE HOLDER
Low profile knob, rear hex nut mounting, ¼" QC terminations up to 20 amp.
Part No. HTB-26I.

Fuse Blocks & Accessories

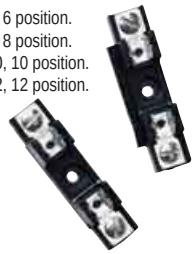
MULTI-POSITION FUSE PANELS
Short base fuse panel for blade type fuses.
Part No. 15600-06-20, 6 position.
Part No. 15600-08-20, 8 position.
Part No. 15600-10-20, 10 position.
Part No. 15600-12-20, 12 position.

COMBINATION FUSE TESTER & FUSE PULLER
Tests glass and blade fuses in or out of the fuseblock.
Part No. FT-3.

Buss® Fuses

MULTI-POSITION TERMINALS
Quick connect terminals for ¼" glass fuses — 20 amp max.
Part No. S8202-5, 5 position.
Part No. S8202-8, 8 position.
Part No. S8202-12, 12 position.

MULTI-POSITION SCREW TYPE TERMINALS
Screw type terminals for ¼" glass fuses — 30 amp max.
Part No. S8301-6, 6 position.
Part No. S8301-8, 8 position.
Part No. S8301-10, 10 position.
Part No. S8301-12, 12 position.



Fuse Kits & Assortments

ATC STYLE EMERGENCY 6 FUSE ASSORTMENT
With ATC-5, 10, 15, 20, 25, and 30; and fuse puller.
Part No. AT-7.

ATC BULK DISPLAY
100 ATC blade fuses, bulk packed in a 12 cavity plastic box.
Part No. CP/100BK.

GLASS STYLE EMERGENCY 6 FUSE ASSORTMENT
With AGC-5, 15, and 30, SFE-9, 14, and 20; and fuse puller.
Part No. EK-7.

GLASS STYLE EMERGENCY 5 FUSE ASSORTMENT — JAPANESE CAR
With AGC-5, 10, 15, 20, and 30; and fuse puller.
Part No. KJ-7.

BLADE STYLE EMERGENCY 6 FUSE ASSORTMENT — JAPANESE CAR
With ATC-5, 7½, 10, 15, 20, and 30; and fuse puller.
Part No. KJA-7.

ATM STYLE EMERGENCY 8 FUSE ASSORTMENT
With ATM-2, 5, 7½, 10, 15, 20, 25, and 30; and fuse puller.
Part No. KM-9.

485 pc. SERVICE KIT
485 piece assortment of blade and glass fuses, in-line fuse holders, flashers, fusible links, circuit breakers, fuse puller and fuse tester in a sturdy lockable hinged box.
Part No. SCA.

42 pc. ATM BLADE FUSE ASSORTMENT
With 7 each of ATM-5, 10, 15, 20, 25, and 30. Also includes combination fuse tester/puller.
Part No. 43.

42 pc. ATC BLADE FUSE FUSE ASSORTMENT
With 7 each of ATC-5, 10, 15, 20, 25, and 30. Also includes combination fuse tester/puller.
Part No. 44.

FUSIBLE LINK KIT
16 assorted fusible links for wiring harness protection. In a clear plastic display box.
Part No. 45.

Contains 1 each of:
FLB-40, 60, 70
FLD-80
FLF-20, 30, 40, 50, 60
FLM-80, 100
FLS-30, 40
FMX-20, 30, 40

ATM DISPLAY STAND
Includes 20 tins of assorted amps.
Part No. 150.

Contains:

NO.	TINS
ATM-2	1
ATM-3	1
ATM-4	1
ATM-5	1
ATM-7½	2
ATM-10	5
ATM-15	3
ATM-20	3
ATM-25	2
ATM-30	1

BLADE & GLASS DISPLAY STAND
Includes 40 tins of blade and glass fuses.
Part No. 200.
*Contains 1 tin each of (except *= 2 tins):*
AGC-1, 2, 3, 5, 7½, 10, 15, 20, 25, 30
ATC-3, 4, 5, 7½, 10, 15, 20*, 25, 30
ATM-2, 3, 4, 5, 7½, 10, 15, 20, 25, 30
GBC-8
MAX-20, 30, 40*, 50, 60*
SFE-14, 20

BLADE & GLASS KIT
40 tins of popular blade and glass fuses in a clear plastic service kit.
Part No. 201.

*Contains 1 tin each of (except *= 2 tins):*
AGC-1, 2, 3, 5, 7½, 10, 15, 20, 25, 30
ATC-3, 4, 5, 7½, 10, 15, 20*, 25, 30
ATM-2, 3, 4, 5, 7½, 10, 15, 20, 25, 30
GBC-8
MAX-20, 30, 40*, 50, 60*
SFE-14, 20

MAX FUSE DISPLAY STAND
12 fuses in a starter display with slots for growth.
Part No. 245.

Contains:

NO.	TINS
MAX-20	1
MAX-30	2
MAX-40	5
MAX-50	2
MAX-60	2

Contains:

NO.	TINS
AGA-5	1
AGA-20	1
AGC-1	1
AGC-2	1
AGC-3	2
AGC-4	1
AGC-5	2
AGC-7½	1

NO.	TINS
AGC-10	2
AGC-15	2
AGC-20	6
AGC-25	2
AGC-30	7
AGC-35	1
AGW-15	1
AGW-20	1
AGX-20	1

NO.	TINS
AGX-30	1
ATC-3	1
ATC-4	1
ATC-5	2
ATC-7½	1
ATC-10	5
ATC-15	7
ATC-20	8
ATC-25	4

NO.	TINS
ATC-30	7
ATM-2	1
ATM-3	1
ATM-4	1
ATM-5	1
ATM-7½	1
ATM-10	1
ATM-15	1
ATM-20	1

NO.	TINS
ATM-25	1
ATM-30	1
GBC-8	1
GBC-16	1
GBC-25	1
MAX-20	1
MAX-30	1
MAX-40	1
MAX-50	1

NO.	TINS
MAX-60	1
SFE-4	1
SFE-6	1
SFE-7½	1
SFE-9	1
SFE-14	1
SFE-20	6
SFE-30	1

BLADE & GLASS DISPLAY STAND
Includes 100 tins of blade and glass fuses.
Part No. 500.

Fuses, Fuse Holders

ATO - Autofuses

Part No. (sold by each)	Size
76-6210EA	3 AMP
76-6211EA	4 AMP
76-6212EA	5 AMP
76-6213EA	7.5 AMP
76-6214EA	10 AMP
76-6215EA	15 AMP
76-6216EA	20 AMP
76-6217EA	25 AMP
76-6218EA	30 AMP

Mini Fuses

Part No. (sold by each)	Size	Colour
76-6240EA	2 AMP	GREY
76-6241EA	3 AMP	VIOLET
76-6242EA	4 AMP	PINK
76-6243EA	5 AMP	TAN
76-6244EA	7.5 AMP	BROWN
76-6245EA	10 AMP	RED
76-6246EA	15 AMP	BLUE
76-6247EA	20 AMP	YELLOW
76-6248EA	25 AMP	CLEAR
76-6249EA	30 AMP	GREEN

Maxi Fuses

Part No. (sold by each)	Size	Colour
76-6250EA	20 AMP	YELLOW
76-6251EA	30 AMP	GREEN
76-6252EA	40 AMP	ORANGE
76-6253EA	50 AMP	RED
76-6254EA	60 AMP	BLUE

Fuse Holders For "ATO/ ATC" Autofuses

Part No.	Description
76-4127EA	Fuse In-line ATO/ATC 7.5 amp
76-4129EA	Fuse In-line ATO/ATC 10 amp
76-4131EA	Fuse In-line ATO/ATC 20 amp
76-4126EA	Fuse In-line ATO/ATC 30 amp

ATO Heavy Duty In-line/panel Mount Fuse Holder

Part No.	Description
66-4233EA	Fuse In-line Panel Mount - HD ATO

Self-Stripping In-line Fuse Holder For ATO Fuses

Part No.	Description
76-4103EA	Fuse Holder In-line for ATO
76-4103BPK	500 pack Fuse Holder In-line for ATO

In-line Fuse Holders (SFE)

Part No.	Description
76-4081EA	Fuse In-line SFE 9 amp
76-4082EA	Fuse In-line SFE 14 amp
76-4083EA	Fuse In-line SFE 20 amp
76-4084EA	Fuse In-line SFE 30 amp
76-6042EA	Fuse Holder Panel w/ Solder Term

TECHSPAN AUTOMOTIVE

POLLAK

Circuit Breakers

Pollak

CIRCUIT BREAKERS

•Typical Circuit Breaker Applications: Accessory circuit, cooling fan, door locks, headlamps, tail lamps, window lift, sunroof, trailering package •Plastic Vs Metal: Vibration... plastic housings with mounting brackets are one piece molded designs and are less prone to vibration. Metal housing with brackets are two piece designs. The bracket is attached by spot welding and can be loosened by vibration. Shorting Out... if a wire should loosen from a terminal on a plastic housing version, it will not short out against the housing as it may do with a metal housing. Weight...the plastic housing is also lighter than the metal housing. 24V Vs 12V Circuit Breakers: a 24V circuit breaker may be used in a 12V application because of the heavy duty thermal metals used in assembly. However a 12V circuit breaker is not recommended for 24V since the materials are heat affected...not current affected.

CIRCUIT BREAKERS - TYPE 1, CYCLING - AUTOMATIC RESET

•Single pole thermal type breakers •5A to 50A; 12VDC; 24VDC rating •-23°C to 65°C operating temperature •-29°C to 93°C storage temperature •Complies with SAE standards J553

No Mounting Bracket.

Ampere Rating	Plastic Base 12 VDC	Metal Base 12 VDC
10	54-110PL	-
15	-	54-115
20	54-120PL	54-120
25	54-125PL	54-125
30	54-130PL	54-130
35	54-135PL	-
40	-	54-140
50	54-150PL	54-150

With 90° Mounting Bracket.

Ampere Rating	Plastic Base 12 VDC	Metal Base 12 VDC	Plastic Base 24 VDC
15	54-215PL	54-215	-
20	54-220PL	54-220	-
25	-	54-225	-
30	54-230PL	54-230	54-831PL
40	54-240PL	54-240	-
50	54-250PL	54-250	-

With Straight Mounting Bracket.

Ampere Rating	Plastic Base 12 VDC	Metal Base 12 VDC
10	54-510PL	-
15	54-515PL	54-515
20	54-520PL	54-520
25	-	54-525
30	54-530PL	54-530
40	54-540PL	54-540
50	54-550PL	54-550

CIRCUIT BREAKERS - TYPE II NON-CYCLING

Blade Terminal Type

Modified Reset. Special "snap off" feature provides three lengths.

Ampere Rating	Part No.
5	54-705
10	54-710
15	54-715
20	54-720
25	54-725
30	54-730

Maxi-Style Plug-In

OEM style replacement circuit breaker for Ford, Paccar, & Freightliner.

Ampere Rating	Part No.
20	54-950
30	54-951

ATO Style Plug-In

OEM style replacement circuit breaker for Ford Heavy Duty Class 8.

Ampere Rating	Part No.
10	54-953
15	54-954
20	54-955
30	54-956

Mini-Style Plug-In.

OEM style replacement circuit breaker for Freightliner and Paccar Class 8.

Ampere Rating	Part No.
10	54-957
15	54-958
20	54-959
30	54-960

Automotive & Heavy Duty Electrical Products

POLLAK
Circuit Breakers

TYPE II, GLASS FUSE TYPE
Fits in holders which accomodate 1/4" dia. x 1¼" long glass fuses. Snap-in mounting in all 1¼" clips.

Ampere Rating	Part No.
10	54-410
15	54-415
20	54-420
30	54-430
40	54-440

TYPE II, PLUG IN TYPE
Fits in Mack and Navistar breaker blocks. .250" Quick connect terminals.

Ampere Rating	Blade Terminals MACK	Blade Terminals NAVISTAR
15	54-891PL	54-901PL
20	54-892PL	54-902PL
25	54-893PL	54-903PL
30	54-894PL	54-904PL

SEALED CIRCUIT BREAKER (TYPE I)
Designed for exposed applications (moisture, dust, oil). Supplied with 12" wire loop.

Ampere Rating	Sealed	Sealed with Bracket
20	54-920	54-921
30	54-930	54-931
40	54-940	54-941

TYPE II, NON-CYCLING - MODIFIED RESET
Conforms to SAE spec J553C Type 11. For 12 VDC only. Designed with an additional resistive component. Metal housing with zinc plating. 90° bracket. 10-32 stud terminals. Battery terminal has yellow dichromate plating. Auxiliary terminal has zinc plating.

Ampere Rating	Part No.
20	54-221
30	54-231
40	54-241

TYPE III, PUSH-BUTTON MANUAL RESET
Note: Maxi-Style breakers plug into Pollak blade type fuse panels. •Single pole thermal type breakers •5A to 50A; 12VDC; 24VDC rating •-23°C to 65°C operating temperature •-29°C to 93°C storage temperature •Complies with SAE standards J553

Pastic

Plastic with 90° bracket

ATO Style

Ampere Rating	Plastic	Plastic with 90° Bracket	ATO Style
10	-	-	54-311PL
15	-	54-616PL	-
20	-	-	54-321PL
30	54-630PL	54-631PL	54-331PL
40	54-640PL	54-641PL	-
50	54-650PL	54-651PL	-

TYPE I & TYPE III, HIGH AMP SINGLE RATE THERMAL TYPE BREAKERS
•40A to 150A; 30VDC rating •-32°C to 82°C operating temperature •-34°C to 149°C storage temperature •Thermoset plastic housing •Complies with SAE standards J1625

Type I Auto Reset

Ampere Rating	Surface Mount	Panel Mount
60	54-850PL	-
80	54-853PL	-
100	54-851PL	54-861PL
120	54-854PL	-
150	54-852PL	-

Type III Switchable Manual Reset Surface Mount

Ampere Rating	Part No.
60	54-870PL
80	54-873PL
100	54-871PL
120	54-874PL
150	54-872PL

Pollak

MIDLAND
Universal Circuit Breakers & Terminal Blocks

Haldex

CIRCUIT BREAKER
Part No. 22310, 10 amp plastic
Part No. 22315, 15 amp
Part No. 22320, 20 amp
Part No. 22325, 25 amp
Part No. 22330, 30 amp
Part No. 22340, 40 amp

CIRCUIT BREAKER W/ MOUNTING BRACKET
Part No. 22410, 10 amp plastic
Part No. 22415, 15 amp
Part No. 22420, 20 amp
Part No. 22425, 25 amp
Part No. 22430, 30 amp
Part No. 22440, 40 amp

CIRCUIT BREAKER BRACKET
Part No. BE22502, 2 station
Part No. BE22503, 3 station
Part No. BE22504, 4 station
Part No. BE22506, 6 station

TERMINAL BLOCKS
Part No. BE20300, Single through-block terminal
Part No. BE20301, Single pole terminal block
Part No. B20302, 2 pole terminal block
Part No. B20304, 4 pole terminal block
Part No. B20305, 5 pole terminal block
Part No. B20306, 6 pole terminal block
Part No. B20309, 7 pole terminal block
Part No. B20308, 8 pole terminal block

BE20301

BE20300

B20306/B20308

TECHSPAN IND. INC.

TEC/3760

Universal Circuit Breakers

CIRCUIT BREAKER

Hex nuts and washers included)
Part No. 76-6013EA, 15 amp
Part No. 76-6014EA, 20 amp
Part No. 76-6015EA, 25 amp
Part No. 76-6016EA, 30 amp

PLUG-IN MOUNTED CIRCUIT BREAKER

Part No. 76-6070EA, 10 amp
Part No. 76-6071EA, 15 amp
Part No. 76-6072EA, 20 amp
Part No. 76-6073EA, 30 amp

GROTE

GRO/2426

Universal Circuit Breakers

CIRCUIT BREAKER

•6-12 volt continuous self-resetting •2, #10-32 stud terminals (hex nuts and washers included) •North American

Part No. 82-2179EA, 10 amp
Part No. 82-2180EA, 15 amp
Part No. 82-2181EA, 20 amp
Part No. 82-2182EA, 25 amp
Part No. 82-2183EA, 30 amp
Part No. 82-2184EA, 35 amp
Part No. 82-2186EA, 40 amp
Part No. 82-2185EA, 50 amp

CIRCUIT BREAKER W/ MOUNTING BRACKET

•6-12 volt continuous self-resetting •2, #10-32 stud terminals (hex nuts and washers included) •North American

Part No. 82-2189EA, 10 amp
Part No. 82-2190EA, 15 amp
Part No. 82-2191EA, 20 amp
Part No. 82-2192EA, 25 amp
Part No. 82-2193EA, 30 amp
Part No. 82-2187EA, 35 amp
Part No. 82-2194EA, 40 amp
Part No. 82-2188EA, 50 amp

PLUG-IN MOUNTED CIRCUIT BREAKER

•Heavy duty replacement for ATC and ATO blade type fuses •12 volt DC electrical systems -continuous self-resetting •Special "snap off" feature provides three lengths.

Part No. 82-2195EA, 10 amp
Part No. 82-2196EA, 15 amp
Part No. 82-2197EA, 20 amp
Part No. 82-2199EA, 25 amp
Part No. 82-2198EA, 30 amp
Part No. 82-2200EA, 35 amp
Part No. 82-2201EA, 40 amp

SNAP-IN STYLE CIRCUIT BREAKER

•12 volt reset type •Opens automatic on over-load •Fits 1¼" clips

Part No. 82-2170EA, 10 amp
Part No. 82-2171EA, 15 amp
Part No. 82-2172EA, 20 amp
Part No. 82-2173EA, 30 amp
Part No. 82-2174EA, 40 amp

TECHSPAN IND. INC.

TEC/3760

Electrical Accessories

NEOPRENE JACKETED EXTENSION CABLE

•Extra flexible type SJO jacket cable for use as power supply for machine tools, drills and general shop use where subjected to hard usage in a damp or dry location •Oil and flame retardant •CSA and UL approved •300 volts.

PART NO.	CABLE GAUGE	CONDUCTOR	OUTSIDE DIA.	STRANDING
246 ft. roll				
76-9039RL	18	3	.305"	16 x .010"
76-9033RL	16	3	.330"	26 x .010"
76-9034RL	14	2	.340"	41 x .010"
76-9035RL	14	3	.365"	41 x .010"

REPLACEMENT SOCKETS & PLUGS

•Repair or fabricate your own extension cords •3 conductor •110 volt
Part No. 76-9758EA, male plug.
Part No. 76-9759EA, socket.
Part No. 76-9758PK, pack of 10 male plugs.
Part No. 76-9759PK, pack of 10 sockets.

WIRE PROTECTOR FLOOR RAMP

•Protects wire extension cords •Prevents people from tripping on wires •6 ft. long x 3" wide •Grey
Part No. 76-9834EA.

WRAP'N SEAL AUTOMOTIVE TAPE

•Versatile automotive and household tape bonds without adhesive by stretching onto itself, forming a complete rubber covering.
Part No. 66-9972EA.

SEVEN TERMINAL JUNCTION BOX

•Seven #10-32 studs - corrosion resistant molded cover and housing •Complete with four entrance slots •Two bolt mounting 7-3/8" center to center. Access slot grommets included, four open - four closed
Part No. 76-2134EA.

SCREW-TYPE TERMINAL BLOCKS

•Terminal blocks feature self-insulating, molded housing •Positive current carrying capacity due to tin-plated brass screws and binders.
Part No. 76-2104EA, 4 lugs.
Part No. 76-2105EA, 6 lugs.
Part No. 76-2106EA, 10 lugs.

STUD-TYPE TERMINAL BLOCKS

•Completely insulated back •Rated at 30 amp #10-32 brass studs are mounted on 5/8" centres •Use with ring or hook terminals •9/32" x 3/8" slot

Part No.	No. of Studs	Mtg. Hole Centres
76-2109EA	4	3-1/8"
76-2111EA	6	4-3/8"
76-2112EA	8	5-5/8"
76-2113EA	10	6-7/8"

STUD-TYPE TERMINAL BLOCK w/ "HOT FEED" CONNECTION

•36 volt capacity •Solid brass bus bar with two brass 1/4" stud power terminals •#8-32 screws for circuit connection •No. 10 mounting holes, 10 circuits •5-3/4" x 1-1/4" x 1-1/32".
Part No. 76-2133EA.

BLADE-TYPE FUSE & CIRCUIT BREAKER PANELS

•Accepts ATO or ATC blade type fuses or blade type automatic or manual reset circuit breakers •30 amp maximum rating per branch circuit •Molded of high grade thermoplastic •Rated to 105°C •Recessed mounting holes.
Part No. 76-6043EA, 6 positions.
Part No. 76-6044EA, 8 positions.
Part No. 76-6045EA, 10 positions.

FUSE BLOCKS w/ "HOT FEED" CONNECTIONS

•Fuse clips with screw connections simplify installation and eliminate excess wiring •Solid brass bus bar for use with SFE-20 amp or 3 AGC type fuses •4-1/4" x 2-1/4" x 5/8" •11/64 dia. mounting holes
Part No. 76-2132EA.

TOGGLE SWITCH

•S.P.S.T. two position off/on •Bat handle •Two screw terminals •Nickel-plated off/on indicator •Rating: 6-12 VDC, UL listed, 6 amps at 125 V; 3 amps at 250 V. Mounting stem 15/32" long, 15/32" dia.
Part No. 76-5072EA.

HEAVY DUTY TOGGLE SWITCH
•S.P.S.T. two position off/on •Two heavy brass screw terminals •11/16" long black plastic handle •Nickel-plated off/on indicator •Die-cast housing, copper contacts and contactors •Rating: 50 amps at 6-24 VDC •Mounting stem 7/16" long, 15/32" dia.
Part No. 76-5012EA.

HEAVY DUTY THREE-POSITION "MOMENTARY" TOGGLE SWITCH
•S.P.D.T. three position momentarily "on", normally "off", momentarily "on" •Three heavy brass screw terminals •1-1/2" extra long black plastic handle •Die-cast housing, copper contacts and contactors •Rating: 50 amps at 6-24 VDC •Mounting stem 7/16" long, 15/32" dia.
Part No. 76-5020EA.

HEAVY DUTY TOGGLE SWITCH
•D.P.D.T. two position on/on •Two heavy brass screw terminals •11/16"standard chrome handle •Rating: 20 amps at 12 VDC •6 terminal selector
Part No. 76-5064EA.

UNIVERSAL SOLENOID STARTER SWITCH
•Rating: 25 amps at 6 V; 15 amps at 12 V •Mounts through 5/8" dia. hole •Insulated two-screw terminals
Part No. 76-5209EA.

UNIVERSAL PIGTAIL
•Universal contact for replacement base socket.
Part No. 76-4300EA, single contact
Part No. 76-4301EA, double contact

HEAVY DUTY PUSH/PULL SWITCH (TWO TERMINAL)
•Two position off/on •Rating: 25 amps at 6 VDC; 15 amps at 12 VDC •Mounting stem 5/8" long, 7/16" dia.
Part No. 76-5007EA.

HEAVY DUTY PUSH/PULL SWITCH (TWO TERMINAL)
•Two position off/on •Rating: 25 amps at 6 VDC; 15 amps at 12 VDC •Mounting stem 5/8" long, 1/2" dia. •Chrome plated integral knob
Part No. 76-5013EA.

HEAVY DUTY COMBINATION IGNITION-STARTER SWITCH, WEATHERPROOF DESIGN
•Extra heavy-duty for 6, 12 and 24 VDC (continuous rating 45 amps at 12 V) •Four positions: Left - accessories, Center - off, Right - accessories and ignition, Extreme Right - start •Mounting stem 7/16" long, 3/4" dia. •Two brass keys included mounting nut with rubber cap to protect against moisture
Part No. 76-5207EA.

SIDE MARKER/LICENSE PLATE LAMP
•For Chrysler (91-93)/GM (69-95)/Ford (68-93)
Part No. 76-4330EA.

GM PIGTAIL
•3 wire pigtail and socket assembly for GM 1976-1995.
Part No. 76-4407EA.

STOP & TAIL LIGHT SOCKET
•For GM. •Twist lock type. •Replaces grey OEM sockets.
Part No. 76-4309EA, Focal length 1¼".
Part No. 76-4310EA, Focal length 7/8".

5-WIRE CONNECTOR
•Universal 5-wire connector for 5-pin relays.
Part No. 76-4410EA.

UNIVERSAL SOCKETS
Part No. 76-4495EA, for H9004 halogen bulbs.
Part No. 76-4496EA, for H9005 halogen bulbs.
Part No. 76-4497EA, for H9006 halogen bulbs.

Junction Box Connectors

CABLE ENTRANCE FITTINGS
NPT aluminum fittings that incorporate a rubber compression-type cable seal
Part No. 76-9124EA, 1/2" NPT x 3/8" cable size for use with 4 conductor, 14 gauge cables.
Part No. 76-9125EA, 3/4" NPT x 1/2" cable
Part No. 76-9126EA, 3/4" NPT x 5/8" cable size for use with 7 conductor, 6 @ 12 gauge and 1 @ 10 gauge cables.

COMPRESSION FITTINGS
Three part construction consisting of a pre-tapped cap, threaded base and PVC collapsible grommet seals around the cable perimeter
Part No. 76-9133EA, 5/16" I.D. compression fitting for 2 and 3 conductor cable.
Part No. 76-9134EA, 1/2" I.D. compression fitting for 4 and 5 conductor cable.
Part No. 76-9135EA, 11/16" I.D. compression fitting for 6 and 7 conductor cable.
Part No. 76-9170EA, oval hole for 3 conductor cable.

PLASTIC JUNCTION BOX CONNECTORS
Allow for liquid-tite connection of wire into the electrical junction box. The three part construction consists of a pre-tapped compression nut, a threaded base, and a PVC compression grommet that squeezes down on the cable sheath to provide a liquid-tite seal. The plastic material is extremely durable and corrosion resistant.
Part No. 76-9137EA, 1/4" NPT connector handles cable O.D. from .11" - .26" colour black
Part No. 76-9138EA, 1/4" NPT connector handles cable O.D. from .07" - .12" colour black
Part No. 76-9139EA, 3/8" NPT connector handles cable O.D. from .15" - .32" colour black
Part No. 76-9140EA, 3/8" NPT connector handles cable O.D. from .07" - .24" colour black
Part No. 76-9141EA, 1/2" NPT connector handles cable O.D. from .23" - .47" colour black
Part No. 76-9142EA, 1/2" NPT connector handles cable O.D. from .19" - .35" colour black
Part No. 76-9143EA, 1/2" NPT connector handles cable O.D. from .39" - .56" colour black
Part No. 76-9144EA, 1/2" NPT connector handles cable O.D. from .27" - .47" colour black
Part No. 76-9145EA, 3/4" NPT connector handles cable O.D. from .51" - .71" colour black
Part No. 76-9146EA, 3/4" NPT connector handles cable O.D. from .35" - .63" colour black

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TECHSPAN AUTOMOTIVE

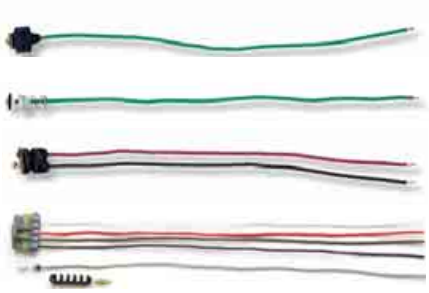
PORTABLE EXTENSION CABLE - 300 VOLT 60°C SPOOLS - TYPE SJ

•All extension cord is spooled •CPE jacketing protects from outside conditions and abrasives

PART NO.	CABLE GAUGE	CONDUCTOR	OUTSIDE DIA.	STRANDING
50 ft. roll				
82-5902RL	14	2	.340"	44 x .010"
82-5905RL	14	3	.365"	44 x .010"
82-5908RL	16	3	.330"	26 x .010"
100 ft. roll				
82-5901RL	14	2	.340"	41 x .010"
82-5904RL	14	3	.365"	44 x .010"
82-5907RL	16	3	.330"	26 x .010"

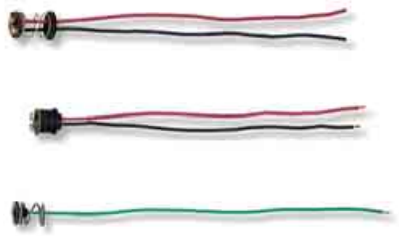
PIGTAIL ASSEMBLIES

•Brass contacts •Heavy duty thermo-plastic wire
Part No. 68080EA, 9-1/2" single contact rubber
Part No. 68100EA, 9-1/2" single contact spring/washer 3/8"
Part No. 68110EA, 9-1/2" double contact rubber plug
Part No. 68680EA, 20" Metri-pack plug in sealed pigtail fits 4/5 wire



PIGTAIL ASSEMBLIES

•Brass contacts •Heavy duty thermo-plastic wire
Part No. 68130EA, 7-1/2" double contact spring/washer and rubber washer
Part No. 68150EA, 6-1/2" double contact rubber spring
Part No. 68170EA, 9-1/2" single contact spring/washer 5/8" socket



UNIVERSAL SOCKET

•Universal flush mount and brake; double contact •Stop/tail/turn/park; used with mini-bulbs; 198, 1016, 1034, 1154, 1157.
Part No. 84-1000EA.

UNIVERSAL SOCKET

•Universal single contact •Stop and tail back-up; used with mini-bulbs; 67, 81, 1133, 1141, 1156.
Part No. 84-1003EA.

SEAL BEAM SOCKET

Part No. 84-1006EA, 3 wire, 3 prong seal beam
Part No. 84-1007EA, 2 wire, 2 prong seal beam

G.M.C. SOCKET

•Chevrolet 1969-1982 •Ground twist lock stop/tail •3 way; double contact •Replaces GM #890323, 8914823; used with mini-bulb 1157.
Part No. 84-1009EA.

FORD & OTHER SOCKET

•Ford and universal double contact with pigtail assembly •Stop/tail/signal/park •Fits 3/4" hole; uses mini-bulbs; 198, 1016, 1034, 1154, 1157.
Part No. 84-1004EA.

FORD & OTHER SOCKET

•Side marker socket Ford/G.M.C. 1968-1981
•Heavy duty plastic housing; used with mini-bulb 194.
Part No. 84-1008EA.

TWIST-IN SOCKET PIGTAIL

•Includes #194 bulb •Blunt cut wires, fits 46913 cab marker lamp.
Part No. 68380EA.

IN-LINE FUSE HOLDERS WITH FUSES

•Nylon fuse holders for glass tube fuses
•Protects electrical equipment.
Part No. 82-2160EA, 20 amp. Blk.
Part No. 82-2161EA, 15 amp. Red.
Part No. 82-2162EA, 10 amp. Wht
Part No. 82-2163EA, 30 amp.

BAYONET STYLE FUSE HOLDER

•Provides full protection of electrical equipment.
Part No. 82-2167EA, 7", 12 ga.
Part No. 82-2168EA, 7", 14 ga.
Part No. 82-2169EA, 12", 14 ga.

ATO STYLE FUSE HOLDER

•Versatile fuse holder for in-line or snap-mount panel applications
Part No. 82-2164EA, 3-20 amp, 16 gauge black wire.
Part No. 82-2165EA, 25-30 amp, 8" loop of 10 gauge orange wire.

FUSEBLOCK

Part No. 82-2301EA, 4 fuse 3" x 2-3/8" x 5/32".
Part No. 82-2302EA, 6 fuse 4-3/8" x 2-3/8" x 5/32".

TERMINAL STRIPS

•Anti-corrosive, bakelite with nuts and washers •Rated at 30 amp
•#10-32 brass studs are mounted on 5/8" centers
Part No. 82-2311EA, 4 stud.
Part No. 82-2312EA, 6 stud.
Part No. 82-2313EA, 8 stud.
Part No. 82-2314EA, 10 stud.

BARRIER STRIPS

•Black phenolic base •Brass screw
•3/8" centers
Part No. 82-2332EA, 4 position.
Part No. 82-2334EA, 6 position.
Part No. 82-2338EA, 10 position.

Grote
The first name in vehicle safety systems®

GROTE

Push/Pull Switches

82-1900EA

82-2100EA

82-2102EA

82-2105EA

82-2107EA

82-2101EA

44170EA

82-0402EA

- For Heavy Duty Truck, Off-Road, Automotive, Marine and Recreational Vehicles
- Durable materials protect from breakage and corrosive materials
- Quick and easy installation
- S.P.S.T. = Single Pole Single Throw
- N.A. = North American

PART NO.	POSITION	RATED	TYPE	TERMINAL	HANDLE
EXTRA HEAVY DUTY					
82-1900EA	On/Off	75 amp. @ 6-28V D.C.	S.P.S.T.	2 Screw	5/8" Long x 15/32" dia. (N.A.)
82-2100EA	On/Off	75 amp. @ 6-28V D.C.	S.P.S.T.	2 Screw	5/8" Long x 15/32" dia.
HEAVY DUTY					
82-2102EA	On/Off	15 amp. @ 12V D.C.	S.P.S.T.	2 Screw	5/8" Long x 7/16" dia.
82-2107EA	On/Off/On	15 amp. @ 12V D.C.	S.P.S.T.	5 Screw	5/8" Long x 7/16" dia. (N.A.)
82-2105EA*	On/Off/On	15 amp. @ 12V D.C.	S.P.S.T.	5 Screw	5/8" Long x 7/16" dia.
MEDIUM DUTY					
82-2101EA	On/Off	15 amp. @ 12V D.C.	S.P.S.T.	2 Screw	5/8" Long x 7/16" dia. (N.A.)
44170EA	On/Off	16 amp. @ 12V D.C.		2 Blade	(N.A.)
MARINE					
82-0402EA	On/Off	15 amp. @ 12V D.C.	S.P.S.T.	2 Screw	1¼" Long x 3/8" dia. (N.A.)

(*Includes 15 amp glass fuse)

Toggle Switches

82-2120EA

82-2121EA

82-2114EA

82-2117EA

82-0216EA

82-2116EA

82-2119EA

82-2118EA

82-2122EA

82-2125EA

- For Heavy Duty Truck, Off-Road, Automotive, Marine and Recreational Vehicles
- Durable materials protect from breakage and corrosive materials
- Quick and easy installation
- S.P.S.T. = Single Pole Single Throw
- D.P.S.T. = Double Pole Single Throw
- S.P.D.T. = Single Pole Double Throw
- D.P.D.T. = Double Pole Double Throw
- N.A. = North American

PART NO.	POSITION	RATED	TYPE	TERMINAL	HANDLE
EXTRA HEAVY DUTY					
82-2120EA	On/Off	35 amp. @ 12V D.C.	S.P.S.T.	2 Screw	11/32" Long x 15/32" dia.
82-2121EA	On/Off	35 amp. @ 12V D.C.	S.P.S.T.	2 Screw	1½" Long x 15/32" dia.
HEAVY DUTY					
82-2114EA	On/On	25 amp. @ 12V D.C.	D.P.D.T.	6 Screw	3/8" Long x 15/32" dia. (N.A.)
82-2117EA	On/On	25 amp. @ 12V D.C.	S.P.D.T.	3 Screw	3/8" Long x 15/32" dia. (N.A.)
82-0216EA	On/Off	30 amp. @ 12V D.C.	S.P.S.T.	2 Blade	1" Long x 15/32" dia. (N.A.)
82-2111EA*	On/Off	20 amp. @ 12V D.C.	S.P.S.T.	2 Screw	3/8" Long x 15/32" dia. (N.A.)
82-2116EA	On/Off	15 amp. @ 12V D.C.	S.P.S.T.	2 Screw	3/8" Long x 15/32" dia.
82-2119EA	On/Off	15 amp. @ 12V D.C.	D.P.S.T.	4 Screw	3/8" Long x 15/32" dia. (N.A.)
82-2118EA	On/Off/On	15 amp. @ 12V D.C.	S.P.D.T.	6 Screw	3/8" Long x 15/32" dia.
82-2122EA	On/Off/On	15 amp. @ 12V D.C.	D.P.D.T.	6 Screw	3/8" Long x 15/32" dia.

(*Sealed with 8" leads)

PART NO.	POSITION	RATED	TYPE	TERMINAL	HANDLE
MOMENTARY TOGGLE SWITCHES					
82-2125EA	Mom On/Off/Mom On	35 amp. @ 12V D.C.	S.P.D.T.	3 Screw	11/32" x 15/32" dia.
82-2110EA	Mom On/Off/Mom On	20 amp. @ 12V D.C.	D.P.D.T.	6 Screw	11/32" x 15/32" dia. (N.A.)

Grote
The first name in vehicle safety systems®

HEAVY DUTY TOGGLE SWITCH - 2 POSITION ON/OFF

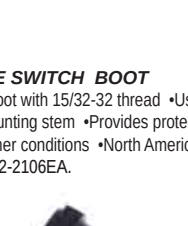
•15 amp @ 6-12-28 volt D.C. •15 amp @120 volt A.C. •7-1/2 amp @ 240 volt D.C. •Mounting stem 15/32" dia. x 3/8" long •Mounting 1 x 2" dia. hole •North American

Part No. 82-2123EA.

TOGGLE SWITCH BOOT

•Rubber boot with 15/32-32 thread •Used with 15/32" mounting stem •Provides protection from weather conditions •North American

Part No. 82-2106EA.



IGNITION STARTER SWITCH - 4 POSITION, 2 KEYS

•Terminals included nuts and washers •Die-cast •Fits panel 3/4" - 1" hole •3/4" bushing •North American
Part No. 82-2150EA.

IGNITION STARTER SWITCH - 4 POSITION, 2 KEYS

•Assembled, oversized •O-ring sealed to protect against moisture •Pick-proof nylon cylinder •Chrome plated •North American
Part No. 82-2156EA.

MASTER BATTERY DISCONNECT SWITCH

•180 amp @ 6-36 volt D.C. •Overall, 2-5/8" dia. 4-1/8" long •Large die cast lever for ease of operation •Mounting stem 3/4" dia. 25/32" long •North American
Part No. 82-2103EA.

MOMENTARY STARTER SWITCH

•Neoprene cap to seal out weather •Miniaturized H.D. panel switch for diesel trucks, tractor, farm, marine and industrial •60 amp @ 12 volt •40 amp @ 24 volt •Silver contacts, solid hex nut •5/8" x 5/8" x 1-13/16" Diameter 15/16"
Part No. 82-2151EA, with cap.
Part No. 82-2152EA, without cap.

MOMENTARY STARTER SWITCH

•2 screw terminals •15 amp •North American
Part No. 82-0600EA.

FLOOR DIMMER SWITCH

•3 terminals for plug connection •North American
Part No. 82-2203EA.

UNIVERSAL DOOR SWITCH

•Screw terminals •On plunger out •Dual mounting hoses 3-3/8" x 2-1/16" •Replaces Chrysler #882943, KF-204229
Part No. 82-2230EA.

BACK-UP SWITCHES

•Two screw terminals •Leak proof •North American
Part No. 82-2234EA, Universal.
Part No. 82-0458EA, Replaces Kenworth (K30133), Mack (IMR2297), Freightliner (06-10525) and others.

STOP LIGHT SWITCH

•Meets DOT 121 requirements •Brass body •Installs with a deep socket •North American
Part No. 82-2159EA.

ROCKER SWITCH

•35 amp, 12 volt •2 position 3 screw terminals •White actuator with nickel plated bezel •S.P.S.T. •North American
Part No. 82-0302EA, Red pilot light.
Part No. 82-0303EA, Amber pilot light.
Part No. 82-0304EA, Green pilot light.

AXLE SWITCH

•2 position both on controls •High; low axle ranges •Die-cast with rubber protection •3 female terminals •Large red knob •Use with Eaton 2 speed rear axle
Part No. 82-2236EA.

PILOT LIGHT

•12 volt •Red 1/2" dia. faceted lens •For panel mounting through 5/16" hole •North American
Part No. 82-0115EA.

STARTER SOLENOID SWITCH - CONTINUOUS DUTY

•85 amp •12 volt continuous duty solenoid •Insulated •Includes hardware and flat bracket •North American
Part No. 82-0307EA.

UNIVERSAL BUZZER

•842 Buzzer use as low air pressure or, bus rear door warning buzzer •12 volt •2 screw terminal •North American
Part No. 82-2238EA.

SWITCH ASSEMBLY

•Includes switch, pilot light, mounting bracket and hardware
Part No. 44151-5EA.

FOG & DRIVING LAMP WIRING KIT

•Includes illuminated rocker switch, 30 amp relay, terminated wires & fuse
Part No. 68460-5EA.

FOG & DRIVING LAMP ROCKER SWITCH

•Illuminated universal rocker switch •Handles up to 15 amps
Part No. 44870-5EA.

Grote®
The first name in vehicle safety systems®

Pollak

•S.P.S.T. = Single Pole Single Throw •D.P.S.T. = Double Pole Single Throw
•S.P.D.T. = Single Pole Double Throw •D.P.D.T. = Double Pole Double Throw

Heavy Duty 50 Amp, 6 – 24 Volt Toggle Switches

•50 amps on screw terminals •30 amp on quick connect blades •Standard handle length is 11/16" •Long handles are 1½"

* Denotes items are available in "Visi/PAK" display packages by adding a "V" after the part number(s).

Visi PAK

Part Number	Circuitry	Type Terminals	Type Toggle
34-212*	S.P.S.T. 2 positions: On-Off	2 screw	Chrome on metal (std.)
34-213*	S.P.S.T. 2 positions: On-Off	2 screw	Chrome on metal (long)
34-216	S.P.S.T. 2 positions: On-Off	2 male blade quick connect	Chrome on metal (std.)
34-219	S.P.S.T. 2 positions: On-Off	2 screw	"Classic Black" on metal
34-226	S.P.S.T. 2 positions: On-Off	2 male blade quick connect	"Classic Black" on metal
34-215*	S.P.D.T. 3 positions: Mom. On-Off-Mom. On	3 screw	Chrome on metal (std.)
34-218*	S.P.D.T. 3 positions: On-Off-On	3 screw	Chrome on metal (std.)
34-220*	S.P.D.T. 3 positions: Mom. On-Off-Mom. On	3 screw	Chrome on metal (long)
34-222	S.P.D.T. 3 positions: On-Off-On	3 screw	"Classic Black" on metal
34-223	S.P.D.T. 3 positions: Mom. On-Off-Mom. On	3 screw	"Classic Black" on metal
34-225	S.P.D.T. 2 positions: On-On	3 screw	Chrome on metal (long)

Medium Duty 35 Amp, 12v DC Toggle Switches

•20 amp, 125V AC •10 amp, 250V AC •Chrome handles •Standard handle length is 11/16" •Long handles are 1½"

Part Number w/Screw Terminals	Part Number w/Blade Terminals	Circuitry	No. of Terminals	Handle	Notes
33-302	-	S.P.S.T. On-Off	2	Standard	O-Ring Seal
34-571*	34-571Q*	S.P.S.T. On-Off	2	Standard	With Faceplate
34-571L*	34-571LQ*	S.P.S.T. On-Off	2	Long	With Faceplate
34-579	34-579Q	S.P.S.T. On-Mom. Off	2	Long	Marker Lamp
34-570*	34-570Q	S.P.S.T. Mom. On-Off	2	Standard	
34-572	34-572Q	S.P.D.T. On-On	3	Standard	
34-573*	34-573Q*	S.P.D.T. On-Off-On	3	Standard	
34-575	34-575Q	S.P.D.T. Mom. On-Off-Mom. On	3	Standard	
34-596	-	S.P.D.T. On-Off-Mom. On	3	Standard	
34-574*	34-574Q	D.P.S.T. On-Off	4	Standard	
34-576*	34-576Q*	D.P.D.T. On-On	6	Standard	
34-577*	34-577Q*	D.P.D.T. On-Off-On	6	Standard	
-	34-577LQ	D.P.D.T. On-Off-On	6	Long	
34-578	34-578Q	D.P.D.T. Mom. On-Off-On	6	Standard	
34-580*	34-580Q*	D.P.D.T. Mom. On-Off-Mom. On	6	Standard	
34-580L	34-580LQ	D.P.D.T. Mom. On-Off-Mom. On	6	Long	
-	34-591Q*	D.P.D.T. Mom. On-Off-Mom. On	4	Standard	Reversing
-	34-591LQ	D.P.D.T. Mom. On-Off-Mom. On	4	Long	Reversing
34-592*	34-592Q*	D.P.D.T. On-On	6	Standard	Reversing
-	34-593LQ	D.P.D.T. On-Off-On	6	Long	D.P.H. Circuits, Headlamps

Medium Duty 35 Amp, 12v DC Nylon Handle Toggle Switches

•20 amp, 125V AC •10 amp, 250V AC •Black nylon or clear lighted handles Corrosion resistant •O-ring seal on handle for splash proof reliability

Part Number w/Screw Terminals	Part Number w/Blade Terminals	Circuitry	No. of Terminals	Handle	Notes
-	34-581Q	S.P.S.T. On-Off	2	Black	
34-586*	34-586Q	S.P.S.T. On-Off	4	Lighted	On-Red; Off-White
34-588	34-588Q	S.P.D.T. On-Off-On	5	Lighted	On-Red; Off-White

Light Duty 6 – 20 Amp, 12v DC, Compact Toggle Switches & Accessories

TOGGLE BOOT
Fits all toggle switches with less than 1" long round handles.
Part No. 25-370.

1/2 TOGGLE BOOT
Fits all toggle switches with round handles.
Part No. 25-371.

FACE PLATE
Fits all toggle switches. Labelled "on-off".
Part No. 34-504.

Part No. 33-300
20 amp, 12V DC
S.P.S.T. Brass body.

Part No. 34-500*
6 amp, 12V DC
S.P.S.T.

Part No. 34-513*
6 amp, 12V DC
S.P.S.T.

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•S.P.S.T. = Single Pole Single Throw •D.P.S.T. = Double Pole Single Throw
•S.P.D.T. = Single Pole Double Throw •D.P.D.T. = Double Pole Double Throw

*** Denotes items are available in "Visi/PAK" display packages by adding a "V" after the part number(s).**

Visi PAK

35 Amp, 12V DC Rocker Switches

New universal design for automotive, truck, bus, marine, and recreational vehicles. Snap-in mounting fits .830 x 1.450 panel cutout in .093, .125, .187 thick panels. Brass screw or .250 blade terminals. Nylon bezel actuator and housing with molded elastomer gasket designed into housing for weather resistant design.

Part Number w/Screw Terminals	Part Number w/Blade Terminals	Circuitry		No. of Terminals	Notes
34-301	34-308	S.P.S.T.	On-Off	2	Signalling switch
34-305*	34-360	S.P.S.T.	On-Off with light	3	Red light
34-306	-	S.P.S.T.	On-Off with light	3	Green light
34-307	-	S.P.S.T.	On-Off with light	3	Amber light
-	34-310*	D.P.S.T.	On-Off with light	4	Red light
-	34-311	D.P.D.T.	Off-On-On	4	Two speed windshield wiper
-	34-359	D.P.D.T.	On-On	6	Reversing
-	34-312	D.P.D.T.	High-Low-Off	6	Dual actuators high-low-off

Pollak

Push-Pull Switches

EXTRA HEAVY DUTY
6 - 28 volts, 75 amp D.C., 2 position S.P.S.T. Off-On, 2 terminals, heavy duty diecast body.
Part No. 35-306*.

HEAVY DUTY
3 position 6 - 12 volt Off-On-On, 5 terminals. 15 amps @ 12 volts.
Part No. 35-308.

HEAVY DUTY
3 position 12 volt Off-On-On combination rheostat, panel, and headlight. Push Pull for headlights, turn to dim panel. With 20 amp circuit breaker. 5 terminals.
Part No. 35-316.

MODERATE DUTY
2 position Off-On, 25 amp @ 6 volt; 15 amps @ 12 volt, 2 terminals.
Part No. 35-300*.

MARINE
3 position Off-On-Both On for controlling running lights. 3 terminals. Brass body.
Part No. 33-400.

MARINE
2 position Off-On, 15 amps @ 12 volts. 2 terminals. Brass body.
Part No. 33-402.

MARINE
3 position, Off-On-On, two separate circuits. 4 terminals. Brass body.
Part No. 33-403.

Momentary Push (Starter) Switches

2 positions, Off-On, normally off (push to on) •Zinc die-cast housing, silver contacts, brass terminals
Contact rating: @ 14 VDC: Make 70 amps; @ 28 VDC: Make 35 amps
Operation: 50,000 cycles
Mounting Stem: 5/8-32 UN-21 thread accommodates panels up to 1/4" thick

PART NO.	DESCRIPTION
24-359	Starter switch with flush terminal screws
24-360*	Starter switch with flush terminal screws and black weather cap
24-362*	Starter switch with flush terminal screws and start protection collar
24-373	Starter switch with 2 male blade terminals
24-372*	Starter switch with 2 male blade packard terminals and protection collar
24-394	Starter switch with 8-32 threaded terminals
24-393	Starter switch with 8-32 threaded terminals and black weather cap
24-395	Starter switch with 8-32 threaded terminals and red weather cap
24-392	Starter switch with brass turret/button packard terminals
25-358	Black weather/dust cap only
25-348	Yellow weather/dust cap only
25-352	Red weather/dust cap only
25-372	Accidental start protection collar
52-600	Screw terminals. 15 amps @ 6 volts, 10 amps @ 12 volts, 15/16" mounting hole required.
33-200	MARINE HEAVY DUTY 15 amps @ 12 volts, all brass, chrome plated. Button and face nut furnished. Brass back nut and washer mounting stem 1-1/4" long.

24-359

24-360

24-372

25-358

25-372

33-200

25-352

Pollak

Momentary Push Button/Door Jamb Switches

Part No. 52-620, Sealed plunger switch
Part No. 52-622, Mating connector
2 positions: On-Off, normally on (push to off).

Part No. 52-623
Door jamb switch to accept two bullet terminals.
12 volts @ 5 amps.

Part No. 52-616
Universal, 5 amps @ 12 volts, screw terminals, "ON" when plunger is out. Dual mounting hole 1-3/8", 2-1/16" on centre.

Precision Ball Switches

Typical applications include: neutral and top gear sensing, back-up lamp switching, anti-lock brake switching, power take-off interlock and operator presence detecting. Available in normally open or normally closed and with various terminal types. Please refer to your Pollak catalogue for complete information.

Ignition Starter Switches

Part No. 31-103*
4 position — two keys supplied. Terminal nuts, lock washers, hex back nut, knurled face nut supplied, die cast housing. Fits panels with 3/4" to 1" hole, bushing 3/4" long. 4 terminals.

Part No. 31-105
4 position — two keys supplied. Same as 31-103 except with special patented lock-out feature in "start" position. A special ratchet is incorporated which prevents the key from being turned to the "start" position without first going all the way to the "off" position. Feature protects the starter mechanism. 4 terminals.

Part No. 31-159
4 position. For general purpose including farm tractor. O-ring sealed for protection against moisture and dirt. Chrome plated face nut and two common keys supplied. 4 terminals.

Part No. 31-609*
3 position. Two keys supplied. Terminal nuts, lock washers, hex back nut, knurled face nut supplied, die-cast housing. Fits panels with 3/4" to 1" hole, bushing 3/4" long. 4 terminals.

Part No. 31-607
4 position. Lever operated terminal nuts, lockwashers, hex back nut and knurled face nut assembled. Die-cast housing fits panels 3/4" to 1" holes, bushing 3/4" long. 4 terminals.

Part No. 31-608
Same as 31-607 except with special lock-out feature in "start" position. Special patented ratchet is incorporated which prevents the lever from turning to the "start" position without first going all the way to the "off" position. Feature protects the starter mechanism. 4 terminals.

Part No. 31-114
Replaces: International 167603R91, 344688-C91. 2 keys assembled, chrome mounting nut.

Part No. 31-602
2 position. 2 keys assembled. Terminal screws, hex back nut and knurled face nut. Key removable in "off" position only. Bushing diameter 3/4" long. Die cast housing.

Master Disconnect Switches

Part No. 51-302*
Lever operated — 6-36 volt, 180 amps continuous capacity, 1000 amps in rush. S.P.S.T. (off-on) two stud terminals. For battery circuit only. Does not disconnect alternator or generator field circuit. On vehicles equipped with alternators engine must be shut off to avoid potential damage to alternator diodes. •Incorporates silver plated contacts for heavy duty application •One piece die-cast housing with integral mounting stem to keep out dust and moisture •Large die-cast lever with on-off indicator •Two 3/8" copper alloy stud terminals, hex nuts, and lock washers •Overall length 4-3/8"; diameter 2-5/8" approx. •Conforms to requirements of UL#558 •Mounting stem 3/4" diameter, 1/2" long, with two hex nuts and lock washer

Part No. 51-304
Lever operated — 6-36 volt. D.P.S.T. (off-on) four stud terminals. For battery and alternator or generator field circuit. Designed to break alternator generator circuit prior to battery circuit disconnect. Use for gasoline and oil tank trucks as well as other applications. •Incorporates silver plated contacts for heavy duty application •One piece die-cast housing with integral mounting stem to keep out dust and moisture •Large die-cast lever with on-off indicator •Two 3/8" and two 10-32 copper alloy stud terminals, hex nuts, and lock washers •Overall length 4-1/8"; diameter 2-5/8" approx.

Part No. 31-219
Key operated — 6-36 volt, off-on-on, 3 stud terminals. Three position OFF, accessory ON. Key removal in off and accessory position. Three 3/8" terminals including hardware. Full time rating of 75 amps per terminal, 150 amps total using 4 gauge battery wire and 8 gauge on remaining. Complete with chromium plated mounting nut, 2 keys included. Requires 1½" dash mounting hole.

Part No. 51-303
Face plate. For use with disconnect switches. Silver self-adhesive mylar label with black letters. 2½" diameter, 3/4" diameter center hole.

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Please ask for further information on the complete line of Pollak Electrical Accessories.

Solenoid Switches

Automotive, truck, farm tractor, industrial, construction, off-the-road, recreational vehicle applications. Typical applications include: snow plows, truck winch, lift trucks, low voltage equipment.

Part No. 52-305
Universal — 12 volt applications. Grounded base, flat bracket, internally grounded to housing, other end connected to small terminal.

Part No. 52-307*
12 volt continuous duty solenoid insulated, with hardware. Flat bracket.

Part No. 52-315
Weather Resistant. 12 volt continuous duty solenoid insulated, with hardware. Flat bracket. With protective grey plastic coating.

Part No. 52-324
24 volt, continuous duty. 85 amps, insulated.

Dimmer Switches

Part No. 52-252
Floor mounted type, 3 special terminals.

Part No. 52-250*
Universal — with 3 flat screw terminals and 4 bullet terminals supplied in separate hardware kit. 3 screw terminals.

Part No. 52-253
Special floor mounted type, 3 special terminals for plug connection.

*** Denotes items are available in "Visi/PAK" display packages by adding a "V" after the part number(s).**

Visi PAK

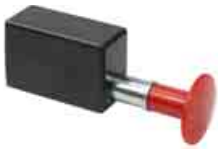
The "Electronic" Dimmer Control from POLLAK

Maximum current load 5 amp, 7/16"-28 thread panel mount. The Electronic Panel Lamp Dimmer Control is a cost effective, reliable method of safely controlling the intensity of dashboard lighting in the cab of heavy duty vehicles. Pollak Panel Lamp Dimmer controls have been specified by Mack Trucks, Freightliner, Peterbilt, and Kenworth. These manufacturers know that electronic reliability keeps trucks on the road and out of the shop. An electronic Panel Lamp Dimmer eliminates the old-fashioned rheostat type control. Sophisticated electronic pulse width control circuitry and power MOSFET technology used in the panel lamp dimmer's design eliminates the heat build up found with traditional rheostats. Pollak's two wire design allows the Pollak controls to be a drop-in replacement for existing rheostat applications. State-of-the-art surface mount electronic design reduces the housing size and weight while eliminating expensive product failure caused by vehicle vibration. This Pollak Panel Lamp Dimmer is designed in accordance with stringent SAE J1455 recommendations. Load dump and transient conditions will not adversely affect the dimmer's operation and it is completely protected from continuous short circuit overload.
Part No. 52-262.

Specialized Electrical Products

AXLE LIMIT SWITCH
Two speed axle shift limit switch. For use in controlling the Eaton two speed electric axle. Phenolic insulator base with o-rings on studs. Used with Pollak #52-261 axle switch.
Part No. 52-260*.

AXLE SWITCH
2 position both on controls, high and low axle ranges. Die cast body protected with rubber cover. Three female terminals to receive bullet terminals. Large red knob for use with Eaton 2-speed rear axle.
Part No. 52-261*.



PILOT LIGHT
12 volt pilot light, red 1/2" diameter faceted lens. For panel mounting through 5/16" hole. Has snap-out socket for conventional bulb replacement.
Part No. 52-115*.

SEALED BEAM FLASHER CONNECTOR
2-wire connector assembly used on all vehicles with 2 pr ong seal beam lighting, or 2 prong flashers.
Part No. 52-255.

SEALED BEAM FLASHER CONNECTOR
3-wire connector assembly used on 3 prong seal beam lighting, or 3 prong flashers.
Part No. 52-256.

BUZZER
12 volt, 2 screw terminals. 76dB @ 4 ft.
Part No. 52-400*.

ATO BLADE TYPE FUSE PANEL
Accepts ATO blade-type fuses, or blade-type, auto or manual reset circuit breakers.

Part No. 52-406, 6 Station.
Part No. 52-408, 8 station.
Part No. 52-410, 10 station.
Part No. 52-412, 12 station.

FUSE PANEL
For economical tight cluster mounting of 1/4" x 1⅛" fuses. Break-away design, 300 volt rating. 12 gang.

Part No. 52-214, Screw terminal.
Part No. 52-214Q, Blade terminals.

Pollak

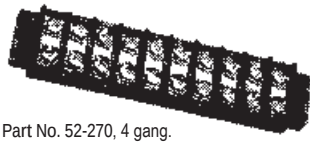
TERMINAL BLOCKS (NON FEED-THROUGH)

30 amp, 600 volt rating.

Part No. 52-244, 4 gang.
Part No. 52-245, 6 gang.
Part No. 52-246, 8 gang.
Part No. 52-247, 10 gang.

TERMINAL BLOCKS (WITH INDEPENDENT FEEDS)

20 amp, 300 volt rating.



Part No. 52-270, 4 gang.
Part No. 52-271, 6 gang.
Part No. 52-272, 8 gang.
Part No. 52-273, 10 gang.
Part No. 52-274, 14 gang.

FUSE HOLDERS

Part No. 52-116, 30 amp 12 gauge fuse holder
Part No. 52-100, 20 amp 16 gauge fuse holder
Part No. 52-216, ATO style fuse holder, for 25 or 30 amp fuses - 12 gauge
Part No. 52-215, ATO style fuse holder, for 3 - 20 amp fuses - 16 gauge

7 TERMINAL JUNCTION BOX

Designed to offer a quick and trouble free method of connecting wires between the trailer and the towing vehicle. Black ABS plastic cover and base complete with 5 open rubber grommets, 5 closed rubber grommets, 7 #10-32 threaded studs, and mounting hardware. 8.06"L x 3.2"W x 2.09"H. Two mounting holes .38" dia., 7.38" on centre.
Part No. 52-259.

Pollak

BATTERY JUMPER TERMINALS

Designed to provide remote mounting for battery connections either inside or outside of the vehicle. Easily installed, the positive terminal can be individually used or in conjunction with the negative terminal as a pair. Rubber caps, solid brass studs, brass hex nuts and brass lockwashers. Dimension for grooved contact post: 13/16" dia., 1-1/8" long.
Part No. 52-138, Red cap - positive terminal.
Part No. 52-139, Black cap - negative terminal.

Heavy Duty Single Pole Toggle Switches

•Single pole •Universal applications •Electrical rating 25 amps at 12 VDC •Mounting stem: nickel plated brass, 15/32" thread, 15/32" long •Panel thickness: up to 1/4" thick, except where noted •Handles: nickel plated brass •Housing: plastic with plated steel cap •Mounting Hardware: nickel plated brass •Contacts: silver •Keyway: located in down position •* = Mounting stem 11/32". Fits panels through 3/16".

SINGLE POLE, SINGLE THROW

Part No.	Up	Down	Terminals	Handle	
5582	On	Off	2 screw	Standard	
55014	On	Off	2 blade	Standard	
5520*	On	Off	2 screw	Standard	O-ring seal in stem
5582-10	On	Off	2 8" leads	Standard	Plasticized housing, O-ring seal in stem
55055-01*	On	Off	2 screw	Long	
55055*	On	Off	2 blade	Long	
55023	On	Off	2 screw w/2 blade attached	Standard	

SINGLE POLE, DOUBLE THROW

Part No.	Up	Center	Down	Terminals	Handle	
5584	On	-	On	3 screw	Standard	
55015	On	-	On	3 blade	Standard	
5586	On	Off	On	3 screw	Standard	
55016	On	Off	On	3 blade	Standard	
55036	On	Off	On	3 9.5" leads	Standard	Plasticized housing. Leads have tinned brass terminals

SINGLE POLE, SINGLE THROW - MOMENTARY

Part No.	Up	Center	Down	Terminals	Handle
55020	Off	Mom. On	-	2 screw	Standard
55037	Off	Mom. On	-	2 blade	Standard
55052-01	On	Mom. Off	-	2 blade	Long
55049-01*	Mom.Off	-	On	2 blade	Standard

SINGLE POLE, DOUBLE THROW - MOMENTARY

Part No.	Up	Center	Down	Terminals	Handle	
55088	On	Off	Mom. On	3 screw	Standard	
55021	Mom. On	Off	Mom. On	3 screw	Standard	
55021-07*	Mom. On	Off	Mom. On	3 8" leads	Standard	Plasticized housing, O-ring seal in stem

5582

55020

55049-01*

5584

55016

55055*

Cole Hersee Co.

55088

Toggle & Rocker Switches & Brackets

HEAVY DUTY DOUBLE POLE TOGGLE SWITCHES

•Heavy Duty •Double pole •Universal applications •Electrical rating 25 amps at 12 VDC •Mounting stem: nickel plated brass, 15/32"-32 thread, 15/32" long •Panel thickness: through 1/4" thick •Handles: nickel plated brass •Housing: plastic with plated steel cap •Mounting Hardware: nickel plated brass face nut and hex nut •Contacts: silver •Keyway: located in down position

DOUBLE POLE, SINGLE THROW

Part No.	Up	Down	Terminals	Handle
5588	On	Off	4 screw	Standard
55017	On	Off	4 blade	Standard

Standard Handle:
11/16" long

Long Handle:
1½" long

DOUBLE POLE, DOUBLE THROW

Part No.	Up	Center	Down	Terminals	Handle
5590	On	-	On	6 screw	Standard
55018	On	-	On	6 blade	Standard
5592	On	Off	On	6 screw	Standard
55019	On	Off	On	6 blade	Standard
55057	On	Off	On	6 blade	Long

DOUBLE POLE, DOUBLE THROW - MOMENTARY

Part No.	Up	Center	Down	Terminals	Handle
55054	Mom. On	Off	Mom. On	6 screw	Standard
55065-03	Mom. On	Off	Mom. On	6 blade	Standard
55054-04	Mom. On	Off	Mom. On	6 screw	Long
55065-02	Mom. On	Off	Mom. On	6 blade	Long

EXTRA HEAVY DUTY TOGGLE SWITCH

•Single pole, single throw •Universal applications •Electrical rating 30 amps at 6-12 VDC •15 amps at 24-36 VDC •Mounting stem: 15/32" - 32 thread, .240" long with keyway •Panel thickness: up to 3/16" thick •Handles: chrome plated brass, 1-1/16" long •Housing: die-cast •Mounting Hardware: plated steel hex nut •Contacts: silver plated

Part No.	Up	Centre	Down	Terminals
551840	On	Off	-	2 screw

WEATHER RESISTANT LIGHTED TOGGLE SWITCH

•Single pole, single throw •Electrical rating 25 amps at 12 VDC •Mounting stem: 15/32" - 32 thread, 3/8" long •Panel thickness: up to 1/8" thick •Handles: translucent, 11/16" long •Housing: black plastic •Mounting Hardware: black nickel plated face nut, hex nut •Contacts: silver •Keyway: located in down position •Lighted switches can be wired for either dependent (illuminated when switch is actuated) Independent (not controlled by operation of the switch)

Part No.	Up	Centre	Down	Terminals
54109	On/Red	-	Off/White	4 screw

TOGGLE SWITCH IN RECESSED PLATE

•Toggle switch mounted in a recessed plate to prevent accidental actuation and protect switch from damage •10 amps at 12 VDC •Mounts flush in a 2" hole, three 7/32" holes on 2-3/4" circle
Part No. 5543.

TOGGLE SWITCH FACE PLATE

•Fits all toggle switches with 15/32" dia. mounting stem and keyway •Nickel plated steel, 1" high, 5/8" wide •Stamped ON-OFF
Part No. 8250.

WEATHERPROOF SILICONE TOGGLE BOOT SEALS

•Durable silicone rubber boot bonded to nickel plated brass nut with 15/32" - 32 thread •Mounting surface of nut has O-ring seal for moisture and dirt protection •Covers entire toggle handle •Fits standard handles up to 11/16" long
Part No. 81264.

WEATHER RESISTANT ROCKER SWITCHES

•Single pole, single throw •Universal applications •Faceted lenses •Black plastic housing, bezel and actuator •25 amps at 12 VDC •Illuminated when switch is actuated •OFF/ON •Dependent pilot light, 3 blade terminals •Fits panels .093" to .187" thick.
Part No. 58328-13, amber.
Part No. 58328-12, clear.
Part No. 58328-11, green.
Part No. 58328-04, red.

ROCKER SWITCHES

•Single pole, single throw •Moisture resistant plastic housing, bezel and actuator •Universal applications •25 amps at 12 VDC •ON/OFF White rocker actuator •Fits panels .060" to .250"thick •2 screw.
Part No. 56000-08.

ROCKER SWITCH BRACKETS

•For installing two or more rocker switches in panels •For use with part number series 56000, 57000 and 58000.

Install two switches using two end sections

Add centre sections for three or more switches

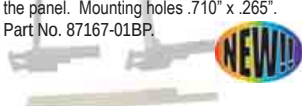
Part No. 82159-1, End Section

Part No. 82159-2, Centre Section

Part No. 98628, Bracket Hole Plug

BRACKET MOUNTING KIT

For installing an array of switches onto a panel, when through-mounting isn't possible. Use in conjunction with 82159 bezels. Holds from 2 to 6 bezels (not included). Snap together assembly; no special tools needed. Contains two bracket sections and brass stabilizing the unit. Assembled kit mounts on top of or under the panel. Mounting holes .710" x .265".
Part No. 87167-01BP.



COLE HERSEE CO.

Intermittent Duty Solenoids

•Single pole, single throw •Normally open contacts •One circuit: Off-On •750 amps make •100 amps break •10 seconds on - 20 min. off •12 volt •Grounded

Cole Hersee Co.

STEEL HOUSING
•Bracket mounting holes 5/16" x 19/32", 2 - 13/64" on centres
Part No. 24037.

PHENOLIC HOUSING
•Bracket mounting holes 9/32" x 25/64", 2 - 7/64" on centres
Part No. 24022.

Continuous Duty Solenoids

•Single pole, single throw •Normally open contacts •One circuit: Off-On •85 amps

STEEL HOUSING -12 V, GROUNDED
•Bracket mounting holes 5/16" x 19/32", 2 - 13/64" on centres
Part No. 24106.

STEEL HOUSING -12 V, GROUNDED
•Bracket mounting holes 5/16" x 19/32", 2 - 1/8" on centres
Part No. 24082.

STEEL HOUSING -12 V, INSULATED
•Bracket mounting holes 5/16" x 19/32", 2 - 13/64" on centres
Part No. 24059.

STEEL HOUSING - 24 V, INSULATED
•Bracket mounting holes 5/16" x 19/32", 2 - 13/64" on centres
Part No. 24107.

STEEL HOUSING - 24 V, GROUNDED
•Bracket mounting holes 5/16" x 19/32", 2 - 13/64" on centres
Part No. 24124.

STEEL HOUSING - 24 V, INSULATED
•Bracket mounting holes 5/16" x 19/32", 2 - 13/64" on centres
Part No. 24063.

Heavy Duty Momentary Push Button Switches

•For applications to 36 VDC •Off-On, normally Off •On with button depressed, spring return to Off •Silver contacts

Mounting stem: 5/8" -32, 21/32" long.
Terminals: two screw
Button: chrome plated with face nut.
Part No. 9095.

Same as #9095 except with protective rubber cap.
Part No. 9245.

Mounting stem: 5/8" -32, 21/32" long.
Terminals: two screw
Button: plastic, with protective cap and mounting nut
Part No. 90030.

Door/Momentary Switches

•Single pole, single throw •Normally On •Off with plunger depressed, spring return to On •Mounting stem: 7/16" -20 thread, 7/16" long, two flats on stem for mounting in double D shaped hole •Two screw terminals •1/2" long plunger
Part No. 9055.

Momentary Push Button Switches with Imprinted Actuator Buttons

•Function permanently embossed in white on colour coded buttons for easy identifications •Weatherproof for exposed areas with special face nut with built in lip-seal for weatherproof protection •Terminals: two screw with lockwashers •Mounting stem: 7/8" -24 thread keyed to prevent switch from turning, mount in panels .04" - .10" thick •2-7/32" L x 1-1/8" D.
Part No. 90047-01, Engine Start, black button.
Part No. 90048-01, Engine Stop, red button.

Headlamp Dimmer Switches

•SPDT •On-On •Mount on floorboard •Depress-release for LOW beam, depress-release for HIGH beam

Mounting: two 7/32" dia. holes, 1-5/8" on centers.
Terminals: three blade.
Replaces: Delco U803, Ford C0TF, C0TZ-13A024A, Motorcraft SW-263
Part No. 7702.

Mounting: two 7/32" dia. holes, 1-5/8" on centers.
Terminals: three blade.
Replaces: A.M. 3156124, 3160926, Chrysler 1841895, 1881938, 2097628, 2291202, 3488882, CH-247, Delco U-801, Ford B9A-13532A.
Part No. 7776.

Mounting: two 9/32" dia. holes, 1-3/4" on centers.
Terminals: three blade.
Replaces: A.M. 5457282, Delco 1997028, 1997031, 1997035, 1997037, 1997040, 1997043, D-803, D-804, D-808, D-809, D-810, G.M. 538446, 578005, 1539288.
Part No. 7762.

Terminal Blocks

TERMINAL BLOCK w/ COMMON HOT FEED CONNECTION

•36 volt capacity •Solid brass bus bar with two brass 1/4" stud power terminals •#8-32 screws for circuit connection •No. 10 mounting holes •1¼"W x 1-1/32"H.
Part No. M-449, 10 circuit, 5-3/4" length.
Part No. M-448, 20 circuit, 8-7/8" length.

TERMINAL BLOCKS w/ INDEPENDENT HOT FEED CONNECTION

•Terminal links and screws: nickel plated brass terminal links and #8-32 binding head screws •Insulator base: moisture repellent molded plastic with protective insulator barrier strips

Part No.	No. of Gangs	Length
M-426	4	3.22"
M-427	6	4.33"
M-428	8	5.46"
M-429	10	6.59"
M-456	14	8.84"

TERMINAL BLOCKS w/ SINGLE STUD TERMINALS

•Terminals: #10-32 thread stud with hex nuts, lockwashers and flat washers •Mounting: two eyelets for 3/16" screws •Insulator base: moisture repellent molded plastic

Part No.	No. of Gangs	Length
4721-P2	2	2.62"
4721-P3	3	3.25"
4721-P4	4	3.87"
4721-P5	5	4.5"
4721-P6	6	5.12"
4721-P8	8	6.37"
4721-P10	10	7.62"
4721-P12	12	8.87"
4721-P14	14	10.12"

TERMINAL BLOCKS w/ SINGLE STUD TERMINALS

•Terminals: #10-32 thread stud •Mounting: slot holes for 1/4" mounting screws •Insulator base: moisture repellent molded plastic with protective insulator barrier strips

Part No.	No. of Gangs	Length
4755	5	5¼"

Universal Wiring Connectors

FLASHER CONNECTOR

•Accepts standard 3 prong flasher units •Molded plastic connector has # 14 ga. thermoplastic jacketed wire leads which terminate at silver plated phosphor bronze contacts •Plated steel bracket attached with two .203" dia. mounting holes
Part No. 3032.

DIMMER SWITCH CONNECTORS

•Fits switch #7762 •Trucks: Autocar 68-80, Chev 61-68, Freightliner 63-67, 72-80, G.M. 60-86, I.H.C. 61-80, Kenworth 65-67, 72-74, 77-80
Part No. 30155.

•Fits switch #7702 and #7776 •Trucks: Ford 60-78, Dodge 59-86
Part No. 30156.

SEALED BEAM HEADLAMP CONNECTORS

•8" No. 14 ga. thermoplastic wire leads terminate at plated bronze contacts which are housed in a molded plastic connector.
Part No. 3029, 3 leads.
Part No. 3051, 2 leads.

Heavy Duty Pilot Lights

•Corrosion resistant construction •Spring actuated brass contacts to assure proper contact with bulb •16 ga. insulated copper wire leads, 8" long

SMOOTH LENS, SELF GROUNDING IN METAL PANELS

•Single contact •Metal socket •Lens: 3/16" dia. •Bezel: chrome plated brass 1/2" dia. •Bulb 12V #53 bulb supplied, socket accepts miniature bayonet base bulbs •Mounting stem: 5/16" dia., 3/8" long
Part No. PL-1-GC, green lens.
Part No. PL-1-RC, red lens.

SMOOTH LENS, SELF GROUNDING IN METAL PANELS

•Single contact •Metal socket •Lens:17/32" dia. •Bezel: chrome plated brass 7/8" dia. •Bulb 12V #53 bulb supplied, socket accepts miniature bayonet base bulbs •Mounting stem: 3/4" dia., 11/16" long
Part No. PL-19-AC, amber lens.
Part No. PL-19-BC, blue lens.
Part No. PL-19-GC, green lens.
Part No. PL-19-RC, red lens.

SMOOTH LENS, INSULATED, ADDITIONAL WIRE LEAD FOR GROUND

•Single contact •Plastic socket •Lens:17/32" dia. •Bezel: chrome plated brass 7/8" dia. •Bulb 12V #53 bulb supplied, socket accepts miniature bayonet base bulbs •Mounting stem: 3/4" dia., 11/16" long
Part No. PL-20-AC, amber lens.
Part No. PL-20-GC, green lens.
Part No. PL-20-RC, red lens.

Master Disconnect Switches - With Diecast Lever

•Single pole •Two positions: Off-On •For 6-36 DC systems •Disconnect battery circuit only •Designed to prevent electrical fires, tampering, theft and battery drain when equipment is unattended.
Electrical ratings (unless noted):
1000A intermittent, 175A continuous.
UL Listed 707B: 800A intermittent, 175A continuous.
UL Listed 375M: 250A at 6V, 125A at 12V intermittent; 40A at 6V, 20A at 12V continuous.

Mounting stem: brass, 3/4" -16 thread, 23/32" long, fits panels up through 3/16" thick •Terminals: two 3/8" -24 studs •Case: plated steel •Contacts: Silver. Labeled UL 707B.
Part No. 2484-16

Part No. 2484-A, Same as No. 2484-16, but without UL label.
Part No. 2484-09, Same as No. 2484-16, but with copper contacts, and without UL label.
Part No. 2484-06, Same as 2484-16, but weather-resistant with O-ring seal in operating shaft, gasket-sealed terminal insulation and sealant in mounting stem and case.
Part No. 2484, Same as 2484-16, but with copper contacts and ratings: Labeled UL 375M.
Part No. 82065, For use with master disconnect switches without indexing pin •Polished aluminum with blue enamel finish •2½" dia.

Lockout Lever Kit

•For locking switch in Off position with padlock to prevent accidental actuation •Accepts padlocks with shackles up to 5/16" dia. For use with master disconnect switches with 3/4" dia. mounting stem #2484, #2484-A, #2484-16.
Part No. 24505.

(Padlock not included)

Universal Buzzers

•For bus "door open" warning, bus operator signal, low air pressure warning, etc. Electrical contacts designed for instant response and uninterrupted signal •Case: impact resistant ABS resin •Insulator: moisture repellent •Terminals: two screw with lockwashers
•1-7/32"L x 2-1/2"W x 2-17/32"H •For 12VDC electrical systems •Replaces Ford FDM-2938A, GMC 1116882, Superior Coach 76032, Divco-Wayne E-11811-A
Part No. 4099.

Push-Pull Switches

Headlamp, Rotary & Fuel Tank Switches

Toggle & Rocker Switches

Cole Hersee Co.

Please consult Gregg Distributors for more Cole Hersee products.

Ignition Swtches

Door/Momentary Switches

Headlamp Dimmer Switches

Heavy Duty Wiring Accessories

Solenoids

Momentary Switches

Windshield Wiper Switches

Pilot Lights & Warning Devices

DOCAP
Switches

TOGGLE SWITCHES

PART NO.	DESCRIPTION	EQUIVALENT TO COLE HERSEE #
660-000	Off-On •SPST •25A at 12V DC •2 screw	5582
660-002	On •SPDT •25A at 12V DC •3 screw	5584
660-006	On-Off-On •SPDT •25A at 12V DC •3 screw	5586
660-008	Off-On •DPDT •25A at 12V DC •4 screw	5588
660-010	Off-On •DPST •25A at 12V DC •6 screw	5592
660-020	On-Off •SPDT •25A at 12V DC •2 blade	55014
660-024	Mom. On-Off-Mom. On •SPDT •25A at 12V DC •3 screw	55021
660-030	Mom. On-Off-Mom. On •DPDT •25A at 12V DC •6 screw	55054
660-050	Off-On •SPST •30A at -6-12V DC or 15A at 24-36V DC •2 screw	55184

PUSH BUTTON SWITCHES

PART NO.	DESCRIPTION	EQUIVALENT TO COLE HERSEE #
660-100	Norm. Off -Mom. On •25 A at 12V DC •2 screw	9095
660-105	Norm. Off -Mom. On •25 A at 12V DC •Rubber cap •2 screw	9245
660-110	Norm. Off -Mom. On •25 A at 12V DC •Rubber cap •2 screw	90030

PUSH/PULL SWITCHES

PART NO.	DESCRIPTION	EQUIVALENT TO COLE HERSEE #
660-125	Norm. Off •SPST •10 A at 12V DC •2 screw •Plastic knob	5007
660-127	Norm. Off •SPST •10 A at 12V DC •2 screw •Chrome plated knob	5011

DOOR/MOMENTARY SWITCHES

PART NO.	DESCRIPTION	EQUIVALENT TO COLE HERSEE #
660-150	Norm. ON-Off w/ plunger depressed with spring return to On •DPST •4 screw	9118

IGNITION SWITCHES

PART NO.	DESCRIPTION	EQUIVALENT TO COLE HERSEE #
660-170	4 position ignition and lock switch •Acc.-Off-Ign/Acc-Ing. Start •Rated at 12V DC •Acc. 10A, Ign. 10A, Start 5A	9579

MASTER DISCONNECT SWITCHES

PART NO.	DESCRIPTION	EQUIVALENT TO COLE HERSEE #
660-190	Single pole •2 position: Off-On •Disconnects Battery circuit only	2484

STARTER SOLENOID

PART NO.	DESCRIPTION	EQUIVALENT TO COLE HERSEE #
660-200	SPST •Continuous duty •1 circuit Off-On •12V •85A •Insulated	24059
660-201	SPST •Intermittent duty •1 circuit Off-On •12V •750A make 100A break •10 secs On-20 min. Off •Grounded	24037
660-202	SPST •Continuous duty •1 circuit Off-On •24V •85A •Insulated	24063
660-204	SPST •Continuous duty •1 circuit Off-On •12V •85A •Grounded	24106

TRUCK-LITE
Circuit & Lamp Testers

LAMP & CIRCUIT CHECKER

•Compact and rugged tester quickly checks function of lamps and wiring •Can be used with all Truck-Lite sealed lamps and wiring systems •Uses one standard 9 volt battery (included).
Part No. 97100.

TRAILER CABLE & CIRCUIT TESTER

•Tester is constructed of heavy duty glass filled polypropylene and polycarbonate, and uses high quality brass pins for reliable contact •LED's quickly identify faulty circuits in either the connector cord assembly or the tractor •Tester is designed for use with 12 or 24 volt systems, and negative or positive ground vehicles •Includes vinyl storage bag
Part No. 97101.

Truck-Lite®

GROTE
System Checker

Grote
The first name in vehicle safety systems®

•7 way system checker •Light for each function •Illuminates when system is functioning.
Part No. 920273EA.

HELLA®
Relays

PART NO.	VOLTAGE	AMPS	NO. OF PINS	COMMENTS
960388467	12V	20/40A	5	w/ mounting bracket
960388087	12V	20/40A	5	no mounting bracket
960388107	12V	20/40A	5	w/ resistor - no mounting bracket
H41388221	12V	20/40A	5	w/ resistor - weather proof - w/mounting bracket
003437101	12V	70A	4	potted w/ mounting bracket and diode
003510087	12V	30A	4	w/ mounting bracket
003510367	12V	15A	4	blade style fuse - w/ mounting bracket
003510267	12V	40A	5	dual 87 contacts - w/ mounting bracket
003588001	12V	2 x 30A	8	double relay - w/ mounting bracket
003526001 - Plug in base w/ mounting bracket for relays with SAE pin configuration				
701235033 - Wire connector for use with 003526001 plug in base				

STEWART WARNER
Variable Load Signal Flashers

SW INSTRUMENTS

Flashes 2-8 32 CP. Signal lights for hazard warning, or 2-4 for turn signals

Part No. 13600, 12 volt, 2 pin
Part No. 15513, 12 volt, 3 pin
Part No. 13610, 24 volt, 2 pin
Part No. 15550, 24 volt, 3 pin

TRIDON
"Electronic" Signal Flashers

HEAVY DUTY SERIES (HD/EL/EG)

The HD/EL/EG series are true variable load flashers for 2 to 6 lamps on turn signal or hazard warning applications for most passenger vehicles and light trucks. Required for towing applications.

Part No. HD-12, 12 volt, 2 pin
Part No. HD-13, 12 volt, 3 pin
Part No. EL-12, 12 volt, 2 pin (Electro-Mechanical)
Part No. EL-13, 12 volt, 3 pin (Electro-Mechanical)
Part No. EG-22, 24 volt, 2 pin flasher (Electro-Mechanical)
Part No. EG-23, 24 volt, 3 pin flasher (Electro-Mechanical)

EXTENDED LIFE ALTERNATING SERIES (ELA)

Flash alternates side to side for emergency vehicles. Utilizes a temperature compensating feature for longer life. Flashes 6 standard bulbs per side or two sealed beam units per side. (Rated 150W / side).

Part No. EL-13A, 12 volt, 3 pin

APPLICATION SPECIFIC SERIES (EP)

The EP Series of turn/hazard flashers are 3 terminal, 2 bulb turn /4 bulb hazard (except EP-36) designed for Japanese, European and North American applications.

Part No. EP-26, 12 volt, 3 pin (fits late model Chrysler vehicles)
Part No. EP-27, 12 volt, 3 pin (fits late model Ford, GM vehicles)
Part No. EP-29, 12 volt, 3 pin (fits late model GM trucks)
Part No. EP-32, 12 volt, 3 pin (fits Toyota models 1985-1987)
Part No. EP-33, 12 volt, 3 pin (fits Mazda models)
Part No. EP-34, 12 volt, 3 pin (fits Nissan, Honda, & Subaru models)
Part No. EP-35, 12 volt, 3 pin, 2 lamps /side with Outage• (fits Volvo, GM ST Pick-Up, B.M.W, & Toyota models)
Part No. EP-36, 12 volt, 3 pin, 3 lamps /side with Outage• (3 bulb turn, 6 bulb hazard flasher fitting GM Full Size Pick-Ups)

(•Outage indication is an accelerated flash rate indicating a bulb failure)

LOUD FLASHER SERIES (LF)

High lamp load flasher. Ideal for trailering. Is 5 times louder than standard flasher.

Part No. LF12C, 12volt, 2 pin (Electro-Mechanical)

TRIDON

Flashers

HEAVY DUTY ELECTRO-MECHANICAL FLASHERS - 12 Volt

•Housed in a rectangular case with chamfered corners to allow the flasher to be installed in standard 1-3/8" round mounting hole •Rated at minimum of 100 hours continuous operation •Loud, pleasant audible signal •Voltage range of 11-15 volts •Temperature range of -31°C to +62°C •70 - 120 flashes per minute •Exceeds SAE J590, J945 and FMVSS 108 •Part # 286 exceeds SAE J1054

Part No. 172, 12 lamp, rated for 25 amps, 2 terminal
Part No. 173, 12 lamp, rated for 25 amps, 3 terminal
Part No. 182, 16 lamp, rated for 35 amps, 2 terminal
Part No. 183, 16 lamp, rated for 35 amps, 3 terminal
Part No. 282, 20 lamp, rated for 45 amps, 2 terminal
Part No. 283, 20 lamp, rated for 45 amps, 3 terminal
Part No. 286, 10 lamp, alternating, rated for 25 amps per side, 3 terminal

FLASHER FOR FORD F-SERIES TRUCKS

F150, F250, F350 SERIES & FORD RANGER
•Plastic housing •12 volt, 5 amp max. hazard, 2.5 amp max. turn signal •LED and Incandescent lighting systems.
Part No. 97283.

SCHOOL BUS FLASHER

•Compact electronic school bus flasher is designed for use on all eight-lamp bus wiring systems •Unit is short circuit protected •Internal components are sealed and unaffected by vibration •Meets SAE J1054 •Input Voltage: 10 - 17 vdc •Max Output Current: 16 amps / terminal 1 amp on Stop Arm, Solenoid terminal •Flash Rate: 75 +/- 5 FPM •Duty Cycle: 50/50 •Operating Temp. Range: -31°C to +62°C.
Part No. 97223.

ULTRAFLASH II HEAVY DUTY SOLID STATE FLASHERS

•Suitable for LED or incandescent lamps on 12V or 24V systems. •Provides continuous service at maximum rated current level and operates at 12 or 24 volts. Unit can be mounted with included screws or cable ties •Ultraflash II is short circuit overload protected with a self-resetting feature and can operate in a temperature range of -40°C to +62°C •Rated for 35 amp maximum load or 16, 32/3 cp bulbs •Unique folding bi-polar plug with 11" leads for reverse polarity operations •Optional 12" jumper wire for remote mounting •Meets DOT FMVSS 108/SAEJ945/J950
Part No. 97231, Ultraflash II w/o audible signal.
Part No. 97232, Ultraflash II with audible signal.
Part No. 94954, 12" jumper wire.

ULTRAFLASH II ALTERNATING HEAVY DUTY SOLID STATE FLASHER

•Suitable for LED or incandescent lamps on 12V or 24V systems. •Provides continuous service at maximum rated current level and operates at 12 or 24 volts. Unit can be mounted with included screws or cable ties •Ultraflash II is short circuit overload protected with a self-resetting feature and can operate in a temperature range or -40°C to +85°C •No audible signal •Rated for 17 amps/channel or 8,32/3 cp lamps per channel •12" wire leads •Meets DOT FMVSS 108 and SAEJ1054
Part No. 97201.

Turn Signal Switches

TURN SIGNAL SWITCHES

•Features heavy duty painted die cast housing with chrome handle •4 and 7 wire versions have built-in pilot lights to indicate left and right turns
Part No. 902, 4 wire
Part No. 900, 7 wire
Part No. 900Y209, 7 wire, Kenworth repl. #K-301D182
Part No. 900Y114, 7 wire, Navistar repl. #775863C93, 1663595C91.
Part No. 900Y129, 7 wire, Volvo/White repl. #84401-0005
Part No. 900Y73, 7 wire, Mack repl. #1MR3412P2, 1MR3412P1, 1MR2201P2, 1MR2201P1
Part No. 900Y170, 7 wire, Ford repl. #E5HT13B302-AA, E5HZ13341A.

TURN SIGNAL SWITCHES

•Features heavy duty painted die cast housing with chrome handle •10 wire design includes push button high/low beam selector and separate hazard warning switch
Part No. 905, 10 wire w/high/low button
Part No. 915Y103, 10 wire, Kenworth repl. #K-301-230, 18500D-044
Part No. 915Y104, 10 wire, Peterbilt repl. #16-03827
Part No. 915Y105, 10 wire, Volvo/White repl. #84401-3203
Part No. 915Y113, 10 wire, Freightliner repl. #A06-17126-000, A06-13867-002
Part No. 915Y114, 10 wire, Peterbilt repl. #16-04415

10-LAMP FLASHER
•Molded base and terminals •Heavy duty contacts •12.8V - 20 amp
Part No. 44810-3EA, 2 terminal
Part No. 44820EA, 3 terminal.

12-LAMP ELECTRO-MECHANICAL FLASHER
•Mechanical stability and improved durability •60-120 flashes per minute •Less than 4 millivolts per amp voltage drop •Fits standard round socket •100 hours of continuous operation
Part No. 44530EA, 2 terminal, 12.8V - 25 amp.
Part No. 44850EA, 2 terminal, 24V - 25 amp.
Part No. 44540EA, 3 terminal, 12.8V - 25 amp.
Part No. 44860EA, 3 terminal, 24V - 25 amp.

16-LAMP ELECTRONIC FLASHER
•60-120 flashes per minute •11-15 volts DC •Only one moving part •Less than 4 millivolts per amp voltage drop •Fits standard round socket •100 hours of continuous operation •12.8V - 33 amp
Part No. 44690EA, 2 terminal.
Part No. 44700EA, 3 terminal.

20-LAMP HEAVY DUTY ELECTRONIC FLASHER
•60-120 flashes per minute •11-15 volts DC •Only one moving part •Less than 3 millivolts per amp voltage drop •Fits standard round socket •100 hours of continuous operation •12.8V - 42 amp
Part No. 44710EA, 2 terminal.
Part No. 44720EA, 3 terminal.

FLASHER MOUNTING BRACKET
Part No. 43770EA.

4/2 FLASHER NORTH AMERICAN PIN OUT
•Heavy duty contacts •Lamp outage •Flash rate electronically timed •12.8V - 25 amp
Part No. 44750EA, 3 terminal.

6-LAMP HEAVY DUTY ALTERNATING FLASHER
•11 - 15 volts DC •One moving part •Less than 4 millivolts per amp voltage drop •Fits standard round socket •12.8V - 25 amp
Part No. 44730EA, 3 terminal.

SELF ADJUSTING, LED FLASHER
•Automatically adjusts to LED current •Rated from 1.0 to 20 amp •Heavy duty contacts •Electronic flasher •Steady flash rate for all LED applications
Part No. 44890EA, 3 terminal.
Part No. 44891EA, 2 terminal.

Turn Signal Switches/Harnesses

7-WIRE/4-WIRE REPLACEMENT SWITCH KIT
•Replaces Signal-Stat 900, 902 •Includes switch and blunt-cut plug-in pigtail (#69680) •4 or 7 wire systems compatible •Adapts to non-brake circuit switch •6-12V
Part No. 48072EA.

BRIGADIER SWITCH
•Replaces GM 2049298, Signal Stat 900Y155 •Grease-free contact area •Plug-in wiring harness included •Internal column installation •6-12V
Part No. 48192EA.

2 TO 18-BULB TURN SIGNAL SWITCH WITH HI-LOW BEAM
•Universal replacement with lift handle headlight dimmer •Grease-free contact area •Harness sold separately •6-12V
Part No. 48282EA.

2 TO 18-BULB TURN SWITCH
•Universal replacement without hi-low beam function •Grease-free contact area •Harness sold separately •6-12V
Part No. 48272EA.

Grote
The first name in vehicle safety systems®

UNIVERSAL REPLACEMENT HARNESS
•Fits 48272 switch •Grease-free contact area •Not designed for high-low beam system •4 to 7 wire system compatible
Part No. 69680EA.

UNIVERSAL PLUG-IN WIRING HARNESS WITH HI-LOW BEAM
•Fits 48282 switch •Requires 44460 non-latching relay •Grease-free contact area •4 to 7 wire system compatible
Part No. 69690EA.

Back-Up Alarms

Preco Electronic Alarms Feature: • 24-month warranty •Passed million cycle operational test •Meet O.S.H.A., Bureau of Mines and state regulations •Decibel ratings are +/-4 dB (A) @ 4' as specified in SAE J994 Mar 85 •60-90 Sound cycle/minute •Solid state electronics sealed in urethane •Steam cleanable •#8-32 UNC Terminal Studs •Have a temperature range of -40° C to +77° C •All alarms, circuit boards, speakers, and drivers are manufactured in the USA.

BAC-A-LARM® 200 Series

•Field proven dependability has thrust the 200 Series alarms into the highest demand category of any low sound level alarm on the market. Max. current draw less than 0.3 amp. Polarity protected. Weight: 10 oz. Dimensions: L 4.02" x D 1.6" x H 2.67".

Part No. 230, 97 decibels •12 volt systems •SAE J994 Type C •1250 Hz nominal frequency • +30/-400 spike protected volts

Part No. 250, 102 decibels •12-24 volt systems •1200 Hz nominal frequency • +100/-400 spike protected volts

BAC-A-LARM® 300 Series

Versatile, durable housing allows optimum value for this medium sound level alarm. Universal mounting provides vertical or horizontal mounting options. Max. current draw less than 0.5 amp. Polarity protected. Weight: 1 lb. 8 oz. Dimensions: L 5" x D 3.78" x H 3.06".

Part No. 370, Protected manually adjustable sound •97 and 107 decibels •12-24 volt systems •SAE J994 Types B & C •1200 Hz nominal frequency • +100/-400 spike protected volts

BAC-A-LARM® 45AA

Housed in rugged, die-cast aluminum, this model is the standard for medium sound level alarms in the industry. Vertical or horizontal mounting options. Dual polarity. Max. current draw less than 0.5 amp. Weight: 2 lbs. 4 oz. Dimensions: L 5.5" x D 3.63" x H 4.75".

Part No. 45AA, Manually adjustable sound-fingertip control •87 and 107 decibels •12-24 volt systems •SAE J994 Types B & D •1200 Hz nominal frequency • +/-150 spike protected volts

BAC-A-LARM® 110/112

The rugged, heavy duty model #112 is used by the industry's major OEM's. Model #110 is available where fewer sound levels are required. Horizontal mounting. Weight: 2 lbs. 4 oz. Dimensions: L 7.21" x D 4" x H 3.21".

Part No. 110, Single sound level •112 decibels •12-24 volt systems •SAE J994 Type A •Polarity protected •1150 Hz nominal frequency • +100/-400 spike protected volts •Max. current draw less than 1.0 amp

Part No. 112, Manually adjustable sound-fingertip control •97, 107, 112 decibels •12-24 volt systems •SAE J994 Types A, B & C •Dual polarity •1150 Hz nominal frequency • +/-150 spike protected volts •Max. current draw less than 0.5 amp

PRECO-MATIC 1040

Self-adjusts automatically to 10 decibels above the surrounding noise, thus reducing irritation for operators and workers. Versatile and compact universal mounting. Polarity protected. Max. current draw less than 0.5 amp. Weight: 1 lb. 8 oz. Dimensions: L 5" x D 3.78" x H 3.06".

Part No. 1040, 87-112 decibels •12-24 volt systems •1150 Hz nominal frequency • +100/-400 spike protected volts

BAC-A-LARM® 40 SERIES

This flush-mount alarm fits into any 40 Series round tail lamp hole. This alarm utilizes the industry standard rubber grommet and the 2 or 3 pronged pigtails used in the 40 Series stop, tail, and turn lamps. •Steam cleanable •Voltage spike protected •4-5/16" round x 1-3/4" deep •12 oz. weight •Works with positive or negative ground systems

Part No. 4028, 77-97 decibel 12-48 volt self-adjusting. Automatically adjusts to a minimum of 5 dB above surrounding noise levels.

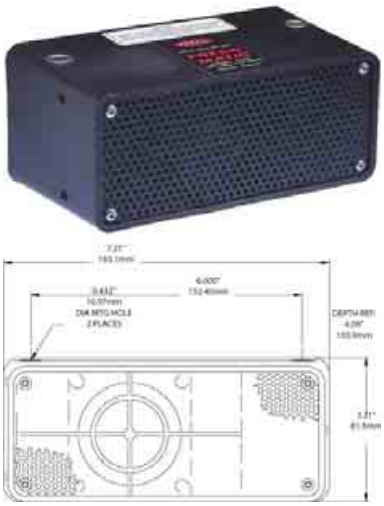
Part No. 4028K, Bac-A-Larm kit c/w grommet and pigtail

Part No. 4030, 97 decibel 12 volt
Part No. 4030K, Bac-A-Larm kit — c/w grommet and pigtail

Part No. 4050, 102 decibel 12-24 volt
Part No. 4050K, Bac-A-Larm kit — c/w grommet and pigtail

PRECO-MATIC 1060

Unique, self-adjusting sound level automatically adjusts to 10 decibels above the surrounding noise. OEM design housing mounts horizontally on 6" centres. Polarity protected. Max. current draw less than 0.5 amp. Weight: 2 lbs. 4 oz. Dimensions: L 7.21" x D 4" x H 3".
Part No. 1060, 97-112 decibels •12-24 volt systems •1110 Hz nominal frequency • +100/-400 spike protected volts



POLLAK
Back-Up Alarms

Electronic Back-Up Alarms: •100% tested at factory and warranted for 15 months from date of manufacture •Solid state electronics sealed against dust, moisture, and vibration •Can be used in positive or negative ground vehicles •Operates in temperature ranges -40°C to +76°C •Steam cleanable

MANUALLY ADJUSTABLE 112/107/97 DB

Heavy duty adjustable unit for largest construction and mining vehicles, graders, dumps, crawlers, tractors, belly dumps, etc. Designed for high performance, the most compact lowest cost unit of this type available. •Multi-voltage 9 to 24 volts •Voltage spike protected •Certified conformance to S.A.E. J994, types A, B, and C •Meets state, federal, O.S.H.A., Bureau of Mines, and Army Corps of Engineers' requirements •Made of non-corroding plastic
Part No. 41-761.

UNIVERSAL BACK-UP ALARM SWITCH

Switch for vehicles not equipped with automatic back-up light circuit. 8 amp.
Part No. 41-706.

Pollak

Single Level Back-Up Alarms: •Manufactured of high impact, non-corroding plastic •Completely weather resistant and steam cleanable •Meets extreme requirements of off-highway equipment •Operates in temperature ranges -40°C to +76°C •Can be used on positive and negative ground vehicles

SINGLE LEVEL 107 DB

A medium to heavy duty unit for off-highway trucks, dump trucks, loaders, cranes, backhoes, etc. •Voltage spike protected •Certified conformance to S.A.E. J994, type B •State, federal, O.S.H.A., Bureau of Mines and U.S. Army Corps of Engineers' requirements •Size - 5"W x 4.7"D x 3.1"H
Part No. 41-751, (12 - 36 volts).

SINGLE LEVEL POLLALERT 97 DB

The rugged and compact Pollalert allows replacement of unnecessarily large and bulky alarms currently used on light and medium duty trucks, dump trucks, motor homes, campers, electric forklifts and other similar applications. •Voltage spike protected •Certified conformance to S.A.E. J994, type C •Meets state, federal and U.S. Army Corps of Engineers' requirements •Size - 4"W x 2"D x 2.5"H
Part No. 41-720*, (12 -36 volts).

SINGLE LEVEL POLLALERT 107 DB

This unit offers the same features as number 41-720, except offers a higher decibel rating of 107 db and conforms to S.A.E. J994, type B.
Part No. 41-722, (12-36 volts).

* Denotes items are available in "Visi/PAK" display packages by adding a "V" after the part number(s).

Visi PAK

TRUCK-LITE
Back-Up Alarms

4" ROUND BACK-UP ALARM/SELF-ADJUSTING

•Features a urethane-filled housing to protect the alarm from moisture, dust and vibration •Alarm is flush mounted to help protect against road debris, salt and mud •Uses industry standard grommets and pigtails •Steam cleanable •Voltage spike protected •Meets OSHA Bureau of Mines and all state regulations •Meets SAE J994 •Operating temperature range from -40°C to 76°C
Part No. 92914, Self-adjusting 77-97dB, 12-48V, alarm only.
Part No. 92916, Single sound 97dB, 12V, alarm only.
Part No. 92918, Single sound 102dB, 12-24V, alarm only.

SELF-ADJUSTING SOLID STATE BACK-UP ALARM

•Adjusts automatically to environmental noise, reducing irritation for operators and workers •Rugged glass reinforced nylon housing •Sealed solid state electronics •Steam cleanable •Meets OSHA Bureau of Mines and all state regulations •Meets SAE J994 •Operating temperature range from -40°C to +76°C •UNC terminal studs #8-32
Part No. 92905, 87-112dB, 6 to 36 volts.

SINGLE-SOUND LEVEL SOLID STATE BACK-UP ALARM

•Single sound level back-up alarm •Rugged glass reinforced nylon housing •Sealed solid state electronics •Steam cleanable •Meets OSHA Bureau of Mines and all state regulations •Meets SAE J994 •Operating temperature range from -40°C to +76°C •UNC terminal studs #8-32
Part No. 92903, 107dB, 6 to 36 volts.
Part No. 92904, 112dB, 6 to 36 volts.

COMPACT SINGLE SOUND BACK-UP ALARM

•Tough fiber-glass reinforced nylon housing and sealed solid state electronics •Steam cleanable •Meets OSHA Bureau of Mines and all state regulations •Meets SAE J994 •Operating temperature range from -40°C to +76°C •UNC terminal studs #8-32
Part No. 92900, 97dB, 12 volt.
Part No. 92901, 97dB, 12 to 24 volts.
Part No. 92902, 102dB, 12 to 24 volts.

SINGLE SOUND LEVEL BACK-UP ALARM

•Single sound back-up alarm for light to medium duty use •Features epoxy sealed solid state electronics and a rigid PVC plastic housing •Meets OSHA Bureau of Mines and all state regulations •Meets SAE J994 •UNC terminal studs #8-32
Part No. 92909, 97dB, 12 volt.

Truck-Lite®

GROTE
Back-Up Alarms

BEEPING BACK-UP HALOGEN BULB ALARM
•Combination back-up safety device and lamp in one •Provides a clear beeping sound when vehicle shifts into reverse gear •Installs as easily as replacing existing bulb •12.8V - 1.67 amp •Greater light output with 20 watt bulb •Alarm DOES NOT meet OSHA or SAE J994 requirements
Part No. 73140-5EA, Bayonet base, #1156.
Part No. 73150-5EA, Wedge base, #3156.

73-150-5EA
73-140-5EA

90 dB LIGHT DUTY BACK-UP ALARM
•Universal mounting •Compact size •Material: fibreglass/nylon •Blue finish •Non-SAE alarm •12.8V - .6 amp
Part No. 73120EA.
Part No. 73120-5EA, Retail pack.

MEDIUM/LOW NOISE SURROUND BACK-UP ALARM
•12-24 volts DC, .6 amp •Self-grounding, eliminates potential corrosion points •Universal integral mounting bracket •Voltage spike and surge protected •60 pulses per minute •Material: fibreglass/nylon •Blue finish
Part No. 73040EA, SAE Type C, 97 dB. UL approved.
Part No. 73040-5EA, Retail pack.

Part No. 73090EA, SAE Type B, 107 dB. UL approved.
Part No. 73110EA, Self Adjusting Volume, SAE Type A, 98-102 dB.

MEDIUM NOISE SURROUND BACK-UP ALARM
•12 volts DC, .3 amp •Features hardware terminations •Integral mounting bracket •Electronics completely encapsualted in potting for total circuit board protection •Material: Nylon •Blue finish
Part No. 73240EA, Smart Alarm®, SAE Type F, 82-107 dB.
Part No. 73250EA, SAE Type B, 107 dB.

FIELD-SELECTABLE BACK-UP ALARM
•Adjusts to SAE type B or A for medium to high noises •12-36V - .75 amp •Volume control 107-112 dB •Universal mount •Reverse mounted sound chamber •Corrosion resistant lead •Material: steel •Blue finish
Part No. 73030EA.

SELF-ADJUSTING BACK-UP ALARM
•Volume 87-112 dB •Measures ambient noise level and instantly self-adjusts to at least 5 decibels louder •Automatically adjusts to cover SAE type D through A •12-24V - .75 amp •Universal mount •Reverse mounted sound chamber •Corrosion resistant lead •UL approved •Material: steel •Blue finish
Part No. 73080EA.

4" GROMMET MOUNTED BACK-UP ALARM
•Mounts in standard 4" grommet •Grommet not included •107 dB •12-36V - .75 amp •Type A SAE code •Material: steel
Part No. 73160EA.
Part No. 91740EA, Grommet.

ACTUATION SWITCH
•Often utilized with back-up alarms •Easy installation •Activates when shifting into reverse •Zinc plated finish •12-36V - 5 amp (max)
Part No. 44134EA.

ACTUATION SWITCH
•Heavy duty usage •Waterproof •Mechanical actuation •Material: Duramold/steel •Zinc finish •12.8V - .5 amp (max)
Part No. 44421EA.

Grote
The first name in vehicle safety systems®

TARGET TECH
Back-Up Alarms

EVACUATOR® PLUS BACK-UP ALARMS
•Feature piezo-electric circuit design and solid state technology to minimize vibration and provide exceptional service •Designed for multi-volt (12-48 VDC) operation and extremely low current draw •Come with a universal mounting and a heavy gauge steel mounting bracket •Meet SAE J994 and OSHA requirements •2.9" dia. x 2.4"D
Part No. 210330, 12-48 VDC, 87 dB.
Part No. 210331, 12-48 VDC, 97 dB.
Part No. 210339, 12-24 VDC, 97 dB. (Economy Model)
Part No. 210333, 12-48 VDC, 107 dB.
Part No. 210335, 12-48 VDC, 112 dB.

REACTOR® BACK-UP ALARM
•Automatically adjusts to changing noise environments, eliminating the confusion regarding alarm selection •Self adjusts to a minimum of 5 dB above the surrounding noise levels •Come with a universal mounting bracket •Meet SAE J994 and OSHA
Part No. 210504, 12-24 VDC, 87-112 dB, steel housing (4"H x 5.7"W x 3.1"D).
Part No. 210505, 12-48 VDC, 82-107 dB, steel housing (2.9"H x 5.0"W x 2.7"D).
Part No. 210350, 12-24 VDC, 77-102 dB, reinforced nylon housing (2.7"H x 4.0"W x 1.6"D).
Part No. 210502, Manually adjustable alarm, 12-24 VDC, 107 dB and 112 dB.

210350

TARGET TECH®
A Unit Of Federal Signal Corporation

TARGET TECH
Back-Up Alarms

MODEL 660 & 861 MECHANICAL ALARMS

•These heavy gauge, chrome plated steel back-up alarms are gravity activated. When the vehicle backs up at reasonable speed, heavy steel balls fall and strike the bell housing •These alarms require no battery, in or out of gear, motor on or off •Comes with universal mounting bracket •Model 660 - 6.0" dia. x 4.1" D. •Model 861 - 8.0" dia. x 4.9" D.

Part No. 210400, Model 660 for right rear mount, 87 dB ± 5 dB, rings only when backing up.

Part No. 210401, Model 660 for right or left rear mount, 87 dB ± 5 dB, rings in both directions.

Part No. 210402, Model 861 for right rear mount, 105 dB ± 5 dB, rings only when backing up.

Part No. 210403, Model 861 for right or left rear mount, 105 dB ± 5 dB, rings in both directions.

Part No. 210288-95, Replacement universal mounting bracket for models 660 and 861.

SPECIALTY ALARMS

•These alarms warn of hazards other than backing up with a distinct sound •Applications include lift gates, stabilizing outriggers, overhead cranes, or any situation where bystanders need to be warned of moving equipment •Feature unique terminal inserts that power the alarm and seal against water and dirt •Universal mount included

Part No. 210358, Two-tone, 87 dB, 12-48 VDC.

Part No. 210359, Two-tone, 87 dB, 115 VAC.

Part No. 210361, Two-tone, 97 dB, 12-48 VDC.

Part No. 210363, Two-tone, 107 dB, 12-48 VDC.

Part No. 210365, Two-tone, 112 dB, 12-48 VDC.

TARGET TECH
A Unit Of Federal Signal Corporation

ACTIVATING SWITCHES

•When it isn't possible to wire your back-up alarm directly to your vehicle's back-up light circuit, these dependable switches fill the need •Installed adjacent to the gear shift lever or linkage, these switches activate the alarm when the actuating shaft is moved

Part No. 210298, Activates in all directions.

Part No. 210299, Activates in one direction only.

Part No. 200053-95, Mounting bracket for #210298.

HALDEX
Automotive Loom

CONVOLUTED POLY SPLIT LOOM

PART NO.	I.D.	PACKAGED QTY. AVAILABLE ONLY
804S-T	1/4"	50 ft. roll
804S-1	1/4"	100 ft. roll
804S	1/4"	3200 ft. roll
806S-T	3/8"	50 ft. roll
806S-1	3/8"	100 ft. roll
806S	3/8"	1900 ft. roll
808S-T	1/2"	50 ft. roll
808S-1	1/2"	100 ft. roll
808S	1/2"	1100 ft. roll
810S-T	5/8"	50 ft. roll
810S-1	5/8"	100 ft. roll
810S	5/8"	800 ft. roll
812S-T	3/4"	50 ft. roll
812S-1	3/4"	100 ft. roll
812S	3/4"	550 ft. roll
816S-T	1"	50 ft. roll
816S-1	1"	100 ft. roll
816S	1"	300 ft. roll

POLYETHYLENE STYLE

PART NO.	I.D.	PACKAGED QTY. AVAILABLE ONLY
11041	3/16"	100 ft. roll
11042	1/4"	100 ft. roll
11044	3/8"	100 ft. roll
11046	1/2"	100 ft. roll

Haldex

WOVEN STYLE

PART NO.	I.D.	PACKAGED QTY. AVAILABLE ONLY
11030	3/16"	50 ft. roll
11030-BULK	3/16"	2500 ft. roll
11031	1/4"	50 ft. roll
11031-BULK	1/4"	2500 ft. roll
11032	5/16"	50 ft. roll
11032-BULK	5/16"	2000 ft. roll
11033	3/8"	50 ft. roll
11033-BULK	3/8"	1000 ft. roll
11035	1/2"	50 ft. roll
11035-BULK	1/2"	1000 ft. roll
11037	5/8"	50 ft. roll
11039	3/4"	50 ft. roll
11040	1"	50 ft. roll

TECHSPAN IND. INC.
Loom & Tubing

SPIRAL WRAP

•The easy way to bundle cable and hoses •Quick installation •Easy wire breakout

PART NO.	I.D. SIZE & COLOUR	LENGTH
76-9811RL	1/8" natural	100 ft. coil
76-9810RL	1/8" black	100 ft. coil
76-9813RL	1/4" natural	100 ft. coil
76-9812RL	1/4" black	100 ft. coil
76-9815RL	3/8" natural	100 ft. coil
76-9814RL	3/8" black	100 ft. coil
76-9817RL	1/2" natural	100 ft. coil
76-9816RL	1/2" black	100 ft. coil
76-9819RL	5/8" natural	100 ft. coil
76-9818RL	5/8" black	100 ft. coil
76-9822RL	3/4" natural	100 ft. coil
76-9820RL	3/4" black	100 ft. coil
76-9809RL	1" natural	100 ft. coil
76-9808RL	1" black	100 ft. coil

PLASTIC LOOM

•Provides a neat, professional appearance •Flexible plastic facilitates easy wire feeding •Maximum temperature rating 90°C

PART NO.	I.D.	LENGTH
76-9841RL	1/4"	100 ft. coil
76-9843RL	3/8"	100 ft. coil
76-9845RL	1/2"	100 ft. coil
76-9847RL	5/8"	100 ft. coil

FIBRE LOOM

•Durable non-metallic loom withstands abrasion, provides excellent protection against electrical interference and short circuits •Saturated with an asphalt compound to provide moisture protection •Maximum temperature rating 135°C

PART NO.	I.D.	LENGTH
76-9801RL	1/4"	100 ft. coil
76-9821RL	1/4"	1000 ft. coil
76-9803RL	3/8"	100 ft. coil
76-9823RL	3/8"	1000 ft. coil
76-9805RL	1/2"	100 ft. coil
76-9807RL	5/8"	100 ft. coil
76-9833RL	3/4"	25 ft. coil
76-9859RL	1"	25 ft. coil

ta TECHSPAN AUTOMOTIVE

® TECHSPAN AUTOMOTIVE

TECHSPAN IND. INC.

Loom & Tubing

POLYETHYLENE SPLIT LOOM - BLACK

•Split construction allows easy wire insertion •Protects wire from heat, light, and abrasion •Maximum temperature of 93°C

PART NO.	I.D.	LENGTH
76-9870RL	1/4"	50 ft. coil
76-9871RL	1/4"	250 ft. coil
76-9870BRL	1/4"	3200 ft. coil
76-9864RL	3/8"	50 ft. coil
76-9876RL	3/8"	250 ft. coil
76-9864BRL	3/8"	1900 ft. coil
76-9865RL	1/2"	50 ft. coil
76-9877RL	1/2"	250 ft. coil
76-9865BRL	1/2"	1100 ft. coil
76-9873RL	5/8"	50 ft. coil
76-9872RL	5/8"	250 ft. coil
76-9873BRL	5/8"	800 ft. coil
76-9866RL	3/4"	50 ft. coil
76-9878RL	3/4"	250 ft. coil
76-9866BRL	3/4"	550 ft. coil
76-9875RL	1"	50 ft. coil
76-9875BRL	1"	300 ft. coil
76-9881RL	1-1/4"	100 ft. coil
76-9881BRL	1-1/4"	250 ft. coil
76-9879RL	1-1/2"	50 ft. coil
76-9879BRL	1-1/2"	150 ft. coil
76-9880RL	2"	50 ft. coil
76-9880BRL	2"	100 ft. coil

HIGH-TEMPERATURE SPLIT LOOM (NYLON) - BLACK

•High temperature rating for engine compartments
•Maximum temperature of 149°C

PART NO.	I.D.	LENGTH
76-9901RL	1/4"	50 ft. coil
76-9901BRL	1/4"	3200 ft. coil
76-9902RL	3/8"	50 ft. coil
76-9902BRL	3/8"	1900 ft. coil
76-9903RL	1/2"	50 ft. coil
76-9903BRL	1/2"	1100 ft. coil
76-9904RL	5/8"	50 ft. coil
76-9904BRL	5/8"	800 ft. coil
76-9905RL	3/4"	50 ft. coil
76-9905BRL	3/4"	550 ft. coil
76-9906RL	1"	50 ft. coil
76-9906BRL	1"	300 ft. coil
76-9907BRL	1-1/4"	250 ft. coil
76-9908BRL	1-1/2"	150 ft. coil
76-9910BRL	2"	100 ft. coil

ta
TECHSPAN AUTOMOTIVE

LOOM/TUBING TOOLS

Part No. 76-9826EA, Loom and tube cutting tool.
Part No. 76-9825EA, Replacement blade for #76-9826EA.

GROTE

Loom & Tubing

FIBRE LOOM

•Maximum temperature rating of 135°C
•Non-metallic loom for durability and protection •Moisture protection provided from asphalt compound

PART NO.	I.D.	LENGTH
87-1000RL	1/4"	100 ft.
87-1001RL	3/8"	100 ft.
87-1002RL	1/2"	100 ft.
87-1003RL	5/8"	100 ft.
87-1007RL	3/4"	100 ft.

PLASTIC LOOM

•Maximum temperature rating of 90°C
Part No. 83-8005RL, 3/8", 500 ft. length.

SPIRAL WRAP - CLEAR

•Allows flexible routing and lead out of cables •Inner edges are beveled to protect damage to cables •UL recognized

PART NO.	I.D.	MAXIMUM BUNDLE RANGE	LENGTH
83-9003RL	1/4"	3/16" - 23"	100 ft.
83-9000RL	3/8"	5/16" - 3"	100 ft.
83-9001RL	1/2"	3/8" - 4"	100 ft.
83-9002RL	3/4"	3/4" - 5"	100 ft.
83-9004RL	1"	1" - 7"	100 ft.

SPLIT FLEX CONVOLUTED TUBING

•Maximum temperature rating of 93°C •Protection for wiring from all environmental elements (Easy wire access)

PART NO.	I.D.	LENGTH
83-6999PK	1/4"	10 ft.
83-8003RL	1/4"	50 ft.
83-7000PK	3/8"	8 ft.
83-8000RL	3/8"	50 ft.
83-8000-3RL	3/8"	500 ft.
83-7001PK	1/2"	7 ft.
83-8001RL	1/2"	50 ft.
83-8007RL	5/8"	50 ft.
83-7002PK	3/4"	5 ft.
83-8002RL	3/4"	50 ft.
83-8002-3RL	3/4"	500 ft.
83-6998PK	1"	5 ft.
83-8004RL	1"	50 ft.

Grote®
The first name in vehicle safety systems®

HALDEX
Mounting Clamps

JIFFY TUBE CLAMPS

PART NO.	CLAMP I.D.	MOUNTING HOLE
11101	1/4"	No. 10
11102	3/8"	No. 10
11103	1/2"	No. 10
11104	5/8"	1/4"
11105	3/4"	1/4"
11106	7/8"	1/4"
11107	1"	1/4"

NYLON TUBE CLAMPS

PART NO.	CLAMP I.D.	MOUNTING HOLE
901N	1/4"	No. 10
902N	5/16"	No. 10
903N	3/8"	No. 10
904N	1/2"	No. 10
905N	5/8"	No. 10
906N	3/4"	No. 10
907N	1"	No. 10

VINYL COVERED TUBE CLAMPS

PART NO.	CLAMP I.D.	MOUNTING HOLE
11120	1/4"	1/4"
11121	5/16"	1/4"
11122	3/8"	1/4"
11123	1/2"	1/4"
11124	5/8"	1/4"
11125	3/4"	5/16"
11126	15/16"	5/16"
11127	1-1/4"	5/16"

RUBBER COVERED TUBE CLAMPS

PART NO.	CLAMP I.D.	CLAMP	MOUNTING HOLE
901R	1/4"	5/8"	3/8"
903R	3/8"	5/8"	3/8"
904R	1/2"	5/8"	3/8"
905R	5/8"	5/8"	3/8"
906R	3/4"	5/8"	3/8"
907R	1"	5/8"	3/8"
908R	1-1/4"	5/8"	3/8"
901RA	1/4"	1/2"	1/4"
903RA	3/8"	1/2"	1/4"
904RA	1/2"	1/2"	1/4"
905RA	5/8"	1/2"	1/4"
906RA	3/4"	1/2"	1/4"
907RA	1"	1/2"	1/4"

TECHSPAN IND. INC.
Mounting Clamps

CABLE/CONDUIT CLIPS FOR TUBING & CONDUIT

These one hole clips fasten conduit, tubing, hoses or cables

ZINC PLATED

PART NO.	I.D. SIZE	PACKAGE QTY
76-6415EA	.375	1
76-6415PK	.375	100
76-6416EA	.540	1
76-6416PK	.540	100
76-6417EA	.706	1
76-6417PK	.706	100
76-6418EA	.750	1
76-6418PK	.750	100
76-6419EA	.922	1
76-6419PK	.922	100

STAINLESS STEEL

PART NO.	I.D. SIZE	PACKAGE QTY
76-6423EA	.714	1
76-6423PK	.714	100
76-6424EA	.850	1
76-6424PK	.850	100
76-6425EA	.935	1
76-6425PK	.935	100

SNAP-ON WIRE CLIP

•Bonderized clip 1-1/2" long x 1/2" wide
•For panel thickness 1/4" to 3/8"
Part No. 76-6056EA, Each.
Part No. 76-6056MPK, Pack of 1000.

•Bonderized clip 1-1/2" long x 1/2" wide
•For panel thickness 0 to 1/8"
Part No. 76-6057EA, Each.
Part No. 76-6057MPK, Pack of 1000.

NYLON CABLE CLAMPS

•Corrosion resistant clamps •Maximum temperature of 85°C

SIZE W x ID	PART NO. PACK QTY: 1	PART NO. PACK QTY: 100
3/8" x 1/8"	76-6046EA	76-6046CPK
3/8" x 1/4"	76-6076EA	76-6076CPK
3/8" x 5/16"	76-6053EA	76-6053CPK
3/8" x 3/8"	76-6054EA	76-6054CPK
3/8" x 1/2"	76-6055EA	76-6055CPK
1/2" x 1/2"	76-6047EA	76-6047CPK
1/2" X 5/8"	76-6077EA	76-6077CPK
1/2" x 3/4"	76-6078EA	76-6078CPK
1/2" x 7/8"	76-6048EA	76-6048CPK
1/2" x 1"	76-6079EA	76-6079CPK
1/2" x 1-1/8"	76-6049EA	76-6049CPK
1/2" x 1-1/4"	76-6050EA	76-6050CPK

STEEL-PLATED NEOPRENE CABLE CLAMPS

•Electroplated steel clips with neoprene cushion •Cushion protects cable and absorbs vibration

SIZE W x ID	PART NO. PACK QTY: 1	PACK QTY: 10	PACK QTY: 100	PACK QTY: 500
1/2" x 1/4"	76-6321EA	-	76-6321CPK	76-6321BPK
1/2" x 3/8"	76-6322EA	-	76-6322CPK	76-6322BPK
1/2" x 1/2"	76-6323EA	-	76-6323CPK	76-6323BPK
1/2" x 5/8"	76-6324EA	-	76-6324CPK	76-6324BPK
1/2" x 3/4"	76-6325EA	-	76-6325CPK	76-6325BPK
1/2" x 7/8"	76-6326EA	-	76-6326CPK	76-6326BPK
1/2" X 1"	76-6327EA	-	76-6327CPK	76-6327BPK
1/2" x 1-1/8"	76-6328EA	-	-	76-6328BPK
1/2" x 1-1/4"	76-6329EA	-	-	76-6329BPK
5/8" x 1/4"	76-6330EA	76-6330PK	-	76-6330BPK
5/8" x 3/8"	76-6331EA	76-6331PK	-	76-6331BPK
5/8" x 1/2"	76-6332EA	76-6332PK	-	76-6332BPK
5/8" x 5/8"	76-6333EA	76-6333PK	-	76-6333BPK
5/8" x 3/4"	76-6334EA	76-6334PK	-	76-6334BPK
5/8" x 7/8"	76-6335EA	76-6335PK	-	76-6335BPK
5/8" x 1"	76-6336EA	76-6336PK	-	76-6336BPK
5/8" x 1-1/8"	76-6337EA	76-6337PK	-	76-6337BPK
5/8" x 1-1/4"	76-6338EA	76-6338PK	-	76-6338BPK

LOOM-TYPE STEEL CLAMPS WITH VINYL CUSHION

•Vinyl dipped steel clips •Vinyl cushions protects cable and/or loom

SIZE W x ID	PART NO. PACK QTY: 1	PACK QTY: 100	PACK QTY: 500
1/2" x 1/4"	76-6087EA	76-6087CPK	76-6087BPK
1/2" x 3/8"	76-6088EA	76-6088CPK	76-6088BPK
1/2" x 1/2"	76-6089EA	76-6089CPK	76-6089BPK
1/2" x 5/8"	76-6090EA	-	76-6090BPK
1/2" x 3/4"	76-6091EA	-	76-6091BPK
1/2" x 1"	76-6092EA	76-6092CPK	76-6092BPK
1/2" X 1-1/2"	76-6093EA	76-6093CPK	76-6093BPK QTY: 800
3/4" x 1/4"	76-6058EA	76-6058CPK	76-6058BPK
3/4" x 3/8"	76-6074EA	76-6074CPK	76-6074BPK
3/4" x 1/2"	76-6059EA	76-6059CPK	76-6059BPK
3/4" x 5/8"	76-6075EA	-	76-6075BPK
3/4" x 3/4"	76-6060EA	76-6060CPK	76-6060BPK
1" x 1"	76-6061EA	-	76-6061BPK

ta
TECHSPAN AUTOMOTIVE

GROTE
Mounting Clamps

NYLON CLAMPS
•Resist corrosion and environmental elements •85°C maximum temperature rating •0.203" mounting hole size

PART NO.	SIZE	PACKAGE QTY
83-7003EA	3/8"W x 1/4"ID	1
83-7003PK	3/8"W x 1/4"ID	100
83-7004EA	3/8"W x 1/2"ID	1
83-7004PK	3/8"W x 1/2"ID	100
83-7005EA	1/2"W x 3/4"ID	1
83-7005PK	1/2"W x 3/4"ID	100
83-7011EA	3/8"W x 3/8"ID	1
83-7011PK	3/8"W x 3/8"ID	100
83-7012EA	1/2"W x 5/8"ID	1
83-7012PK	1/2"W x 5/8"ID	100
83-7013EA	1/2"W x 1"ID	1
83-7013PK	1/2"W x 1"ID	100
83-7014EA	3/8"W x 5/16"ID	1
83-7014PK	3/8"W x 5/16"ID	100

STEEL PLATED NEOPRENE INSULATED CLAMPS
•Neoprene cushioned for electrical insulation and vibration absorption, combined with resistance to corrosion •Secures all forms of wiring to any applications •0.41" mounting hole size

PART NO.	SIZE	PACKAGE QTY
83-7007EA	3/4"W x 1/4"ID	1
83-7007PK	3/4"W x 1/4"ID	100
83-7008EA	3/4"W x 1/2"ID	1
83-7008PK	3/4"W x 1/2"ID	100
83-7009EA	3/4"W x 3/4"ID	1
83-7009PK	3/4"W x 3/4"ID	100
83-7010EA	3/4"W x 3/8"ID	1
83-7010PK	3/4"W x 3/8"ID	100

RUBBER INSULATED CLAMPS
•Neoprene cushion for electrical insulation and vibration absorption •Secures all types of wires

PART NO.	SIZE	PACKAGE QTY
84-8000EA	1/2"W x 1/4"ID	1
84-8000PK	1/2"W x 1/4"ID	10
84-8001EA	1/2"W x 3/8"ID	1
84-8001PK	1/2"W x 3/8"ID	10
84-8002EA	1/2"W x 1/2"ID	1
84-8002PK	1/2"W x 1/2"ID	10
84-8003EA	1/2"W x 5/8"ID	1
84-8003PK	1/2"W x 5/8"ID	10
84-8004EA	1/2"W x 3/4"ID	1
84-8004PK	1/2"W x 3/4"ID	10
84-8005EA	1/2"W x 7/8"ID	1
84-8005PK	1/2"W x 7/8"ID	10
84-8006EA	1/2"W x 1"ID	1
84-8006PK	1/2"W x 1"ID	10
84-8007EA	1/2"W x 1-1/4"ID	1
84-8007PK	1/2"W x 1-1/4"ID	10
84-8008EA	1/2"W x 2"ID	1
84-8008PK	1/2"W x 2"ID	10

HOSE HANGER CLAMPS
•High quality material for low temperature and impact resistance •Versatile design for diverse applications

PART NO.	SIZE	PACKAGE QTY
83-7015EA	3/8" x 3/8"	1
83-7015PK	3/8" x 3/8"	25
83-7016EA	1/2" x 1/2"	1
83-7016PK	1/2" x 1/2"	25
83-7017EA	1/2" x 3/8"	1
83-7017PK	1/2" x 3/8"	25

Grote
The first name in vehicle safety systems®

AEROQUIP
Support Clamps

900729 SUPPORT CLAMP
•Lightweight neoprene-coated steel support clamps are designed to support hose where long runs are necessary. They not only furnish a neater installation, but prevent damage and chafing. The neoprene lining will withstand high ambient temperatures.

Aeroquip

PART NO.	I.D. SIZE
900729-01	.438"
900729-1	.50"
900729-2	.562"
900729-3	.688"
900729-4	.75"
900729-5	.812"
900729-6	.938"
900729-8	1.062"
900729-9	1.125"
900729-10	1.50"
900729-11	1.562"
900729-12	1.75"
900729-13	2.00"
900729-14	2.25"
900729-15	2.75"
900729-16	2.875"
900729-17	3.56"
900729-18	.25"
900729-19	.375"
900729-21	.625"
900729-23	1.00"
900729-24	1.25"
900729-25	1.312"
900729-27	1.188"
900729-29	2.062"
900729-30	2.50"

EZ-Bend Suspension Strapping

•EZ-Bend wavy suspension strapping in steel, galvanized, or copper; in dispenser boxes.

PART NO.	DESCRIPTION	SIZE/GAUGE	MATERIAL
EBS-12-10	10 ft. roll	1/2" x 22 ga.	Steel
EBS-12-25	25 ft. roll	1/2" x 22 ga.	Steel
EBG-12-25	25 ft. roll	1/2" x 24 ga.	Galvanized
EBC-12-10	10 ft. roll	1/2" x 22 ga.	Copper
EBC-12-25	25 ft. roll	1/2" x 22 ga.	Copper

Strap-it Suspension Strapping

•Strap-It suspension strapping in steel, galvanized, copper clad, or pure copper; in dispenser boxes.

PART NO.	DESCRIPTION	SIZE/GAUGE	MATERIAL
SIS-3424-10	10 ft. roll	3/4" x 24 ga.	Steel
SIS-3424-25	25 ft. roll	3/4" x 24 ga.	Steel
SIS-3424-100	100 ft. roll	3/4" x 24 ga.	Steel
SIS-3420-25	25 ft. roll	3/4" x 20 ga.	Steel
SIS-3420-100	100 ft. roll	3/4" x 20 ga.	Steel
SIG-3424-10	10 ft. roll	3/4" x 24 ga.	Galvanized
SIG-3424-25	25 ft. roll	3/4" x 24 ga.	Galvanized
SIG-3424-100	100 ft. roll	3/4" x 24 ga.	Galvanized
SICC-34-10	10 ft. roll	3/4" x 24 ga.	Copper Clad
SICC-34-25	25 ft. roll	3/4" x 24 ga.	Copper Clad
SIPC-34-10	10 ft. roll	3/4" x 24 ga.	Pure Copper
SIPC-34-25	25 ft. roll	3/4" x 24 ga.	Pure Copper

Tube Straps

•1/2" or 3/4" tube straps in either copper clad or pure copper; each complete with two copper plated nails.

PART NO.	DESCRIPTION	SIZE	MATERIAL
TSCC-12-10	Package of 10	1/2"	Copper Clad
TSCC-12-100	Package of 100	1/2"	Copper Clad
TSCC-34-10	Package of 10	3/4"	Copper Clad
TSCC-34-100	Package of 100	3/4"	Copper Clad
TSPC-12-10	Package of 10	1/2"	Pure Copper
TSPC-12-100	Package of 100	1/2"	Pure Copper
TSPC-34-10	Package of 10	3/4"	Pure Copper
TSPC-34-100	Package of 100	3/4"	Pure Copper

Nylon Cable Ties & Accessories

PROCORE™

Superior quality 6/6 nylon cable ties in a variety of styles and colour choices, including UV resistant black. UL approved. Tensile strength meets or exceeds military standards.

Singles	Pack of 100	Pack of 500	Pack of 1000	Colour	Length	Width	Min. Strength
LIGHT-DUTY CABLE TIES							
23-1400EA	23-1400PK		23-1600PK	White	4" (102 mm)	3/32" (2.5 mm)	18 lbs.
23-1402EA	23-1402PK		23-1602PK	White	7-3/4" (196 mm)	3/32" (2.5 mm)	18 lbs.
23-1404EA	23-1404PK		23-1604PK	White	6" (150 mm)	1/8" (3.2 mm)	40 lbs.
23-1406EA	23-1406PK		23-1606PK	White	8" (202 mm)	9/64" (3.6 mm)	40 lbs.
23-1408EA	23-1408PK		23-1608PK	White	12" (302 mm)	9/64" (3.6 mm)	40 lbs.
23-1410EA	23-1410PK	23-1510PK		White	14-1/2" (368 mm)	9/64" (3.6 mm)	40 lbs.
23-1401EA	23-1401PK		23-1601PK	UV Black	4" (102 mm)	3/32" (2.5 mm)	18 lbs.
23-1403EA	23-1403PK		23-1603PK	UV Black	7-3/4" (196 mm)	3/32" (2.5 mm)	18 lbs.
23-1405EA	23-1405PK		23-1605PK	UV Black	6" (150 mm)	1/8" (3.2 mm)	40 lbs.
23-1407EA	23-1407PK		23-1607PK	UV Black	8" (202 mm)	9/64" (3.6 mm)	40 lbs.
23-1409EA	23-1409PK		23-1609PK	UV Black	12" (302 mm)	9/64" (3.6 mm)	40 lbs.
23-1411EA	23-1411PK	23-1511PK		UV Black	14-1/2" (368 mm)	9/64" (3.6 mm)	40 lbs.
STANDARD-DUTY CABLE TIES							
23-1412EA	23-1412PK		23-1612PK	White	8" (200 mm)	3/16" (4.8 mm)	50 lbs.
23-1414EA	23-1414PK			White	11-3/4" (298 mm)	3/16" (4.8 mm)	50 lbs.
23-1416EA	23-1416PK			White	14-1/2" (368 mm)	3/16" (4.8 mm)	50 lbs.
23-1418EA	23-1418PK			White	16-3/4" (428 mm)	3/16" (4.8 mm)	50 lbs.
23-1413EA	23-1413PK			UV Black	8" (200 mm)	3/16" (4.8 mm)	50 lbs.
23-1415EA	23-1415PK			UV Black	11-3/4" (298 mm)	3/16" (4.8 mm)	50 lbs.
23-1417EA	23-1417PK			UV Black	14-1/2" (368 mm)	3/16" (4.8 mm)	50 lbs.
23-1419EA	23-1419PK			UV Black	16-3/4" (428 mm)	3/16" (4.8 mm)	50 lbs.
HEAVY-DUTY CABLE TIES							
23-1420EA	23-1420PK			White	8" (202 mm)	19/64" (7.6 mm)	120 lbs.
23-1422EA	23-1422PK			White	14-1/2" (368 mm)	19/64" (7.6 mm)	120 lbs.
23-1424EA	23-1424PK			White	21-1/4" (540 mm)	19/64" (7.6 mm)	120 lbs.
23-1421EA	23-1421PK			UV Black	8" (202 mm)	19/64" (7.6 mm)	120 lbs.
23-1423EA	23-1423PK			UV Black	14-1/2" (368 mm)	19/64" (7.6 mm)	120 lbs.
23-1425EA	23-1425PK			UV Black	21-1/4" (540 mm)	19/64" (7.6 mm)	120 lbs.
EXTRA HEAVY-DUTY CABLE TIES							
23-1426EA	23-1426PK			White	20-3/4" (525 mm)	11/32" (8.8 mm)	175 lbs.
23-1428EA	23-1428PK			White	31-1/2" (798 mm)	11/32" (8.8 mm)	175 lbs.
23-1427EA	23-1427PK			UV Black	20-3/4" (525 mm)	11/32" (8.8 mm)	175 lbs.
23-1429EA	23-1429PK			UV Black	31-1/2" (798 mm)	11/32" (8.8 mm)	175 lbs.
SUPER HEAVY-DUTY CABLE TIES							
23-1430EA	23-1430PK			White	32" (802 mm)	1/2" (12.4 mm)	250 lbs.
23-1431EA	23-1431PK			UV Black	32" (802 mm)	1/2" (12.4 mm)	250 lbs.

Procore Cable Ties and Accessories are continued on the following page.

Nylon Cable Ties & Accessories

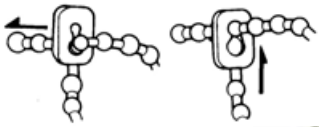
Superior quality 6/6 nylon cable ties in a variety of styles and colour choices, including UV resistant black. UL approved. Tensile strength meets or exceeds military standards.

Singles	Pack of 100	Colour	Length	Width	Min. Strength
FLUORESCENT COLOURED CABLE TIES					
23-7400EA	23-7400PK	Green	8" (202 mm)	3/16" (4.8 mm)	50 lbs.
23-7401EA	23-7401PK	Pink	8" (202 mm)	3/16" (4.8 mm)	50 lbs.
23-7402EA	23-7402PK	Orange	8" (202 mm)	3/16" (4.8 mm)	50 lbs.
23-7403EA	23-7403PK	Blue	8" (202 mm)	3/16" (4.8 mm)	50 lbs.
23-7404EA	23-7404PK	Yellow	8" (202 mm)	3/16" (4.8 mm)	50 lbs.
MOUNTING HEAD CABLE TIES					
23-2400EA	23-2400PK	White	6" (150 mm)	9/64" (3.6 mm)	40 lbs.
23-2402EA	23-2402PK	White	8" (200 mm)	3/16" (4.8 mm)	50 lbs.
23-2404EA	23-2404PK	White	11-3/4" (300 mm)	3/16" (4.8 mm)	50 lbs.
23-2406EA	23-2406PK	White	14-1/2" (369 mm)	19/64" (7.6 mm)	120 lbs.
23-2401EA	23-2401PK	UV Black	6" (150 mm)	9/64" (3.6 mm)	40 lbs.
23-2403EA	23-2403PK	UV Black	8" (200 mm)	3/16" (4.8 mm)	50 lbs.
23-2405EA	23-2405PK	UV Black	11-3/4" (300 mm)	3/16" (4.8 mm)	50 lbs.
23-2407EA	23-2407PK	UV Black	14-1/2" (369 mm)	19/64" (7.6 mm)	120 lbs.
RELEASABLE CABLE TIES (STANDARD DUTY)					
23-2420EA	23-2420PK	White	8" (200 mm)	3/16" (4.8 mm)	50 lbs.
23-2422EA	23-2422PK	White	11-3/4" (298 mm)	3/16" (4.8 mm)	50 lbs.
BEADED CABLE TIES					
23-2440EA	23-2440PK	White	4-1/4" (107 mm)	3/32" (2.3 mm)	8 lbs.
CORD BAND CABLE TIES					bundle dia.:
23-2450EA	23-2450PK	Transparent	7" (180 mm)	11/32" (9.0 mm)	1.85"

FLUORESCENT

MOUNTING HEAD

RELEASABLE



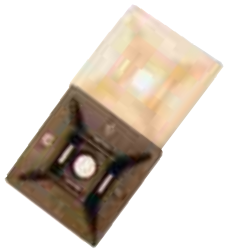
BEADED ACTION

IDENTIFICATION

CORD BAND

Singles	Pack of 100	Marking Pad Size	Length	Width	Min. Strength
IDENTIFICATION CABLE TIES (STANDARD DUTY)					
23-2430EA	23-2430PK	.362" x .807"	4-1/4" (105 mm)	3/32" (2.5 mm)	18 lbs.
23-2432EA	23-2432PK	.331" x 1.004"	8" (196 mm)	3/32" (2.5 mm)	18 lbs.
23-2434EA	23-2434PK	1.094" x .512"	7-1/2" (188 mm)	3/16" (4.8 mm)	50 lbs.

Singles	Pack of 100	Pack of 500	Size	Mounting Method	Colour
ADHESIVE BACKED CABLE TIE MOUNTS					
23-9400EA	23-9400PK	23-9500PK	.75" x .75"	Adhesive or Screw	White
23-9402EA	23-9402PK	23-9502PK	1.1" x 1.1"	Adhesive or Screw	White
23-9401EA	23-9401PK	23-9501PK	.75" x .75"	Adhesive or Screw	Black
23-9403EA	23-9403PK	23-9503PK	1.1" x 1.1"	Adhesive or Screw	Black
SCREW APPLIED CABLE TIE MOUNTS					
23-9404EA	23-9404PK	23-9504PK	.59" x .39"	Screw	White
23-9406EA	23-9406PK	23-9506PK	.91" x .63"	Screw	White
23-9405EA	23-9405PK	23-9505PK	.59" x .39"	Screw	Black
23-9407EA	23-9407PK	23-9507PK	.91" x .63"	Screw	Black



ADHESIVE BACKED

SCREW APPLIED

CABLE TIE TOOLS

HEAVY DUTY CABLE TIE TOOL

Heavy duty automatic cutting and tensioning adjustment features make this reliable tool a welcome assistant while fastening. Use with 18 to 50 lb. rated cable ties.
Part No. 23-9000EA.

CABLE TIE TOOL

This highly durable tool is ideal for tensioning standard and heavy duty cable ties rated from 40 to 175 lbs. Made of lightweight molded aluminum with precision cutter.
Part No. 23-9001EA.

Singles	Pack of 100	Pack of 1000	I.D. Size	Width	Mounting Hole Dia.	Colour
NYLON CABLE CLAMPS						
23-8400EA	23-8400PK	23-8600PK	1/8"	13 mm	.203" (5.2 mm)	White
23-8402EA	23-8402PK	23-8602PK	3/16"	10.5 mm	.203" (5.2 mm)	White
23-8404EA	23-8404PK	23-8604PK	1/4"	9.5 mm	.189" (4.8 mm)	White
23-8406EA	23-8406PK	23-8606PK	5/16"	9.5 mm	.189" (4.8 mm)	White
23-8408EA	23-8408PK	23-8608PK	3/8"	9.5 mm	.189" (4.8 mm)	White
23-8410EA	23-8410PK	23-8610PK	1/2"	12.4 mm	.189" (4.8 mm)	White
23-8412EA	23-8412PK	23-8612PK	5/8"	13 mm	.189" (4.8 mm)	White
23-8414EA	23-8414PK		3/4"	13 mm	.189" (4.8 mm)	White
23-8401EA	23-8401PK	23-8601PK	1/8"	13 mm	.203" (5.2 mm)	Black
23-8403EA	23-8403PK	23-8603PK	3/16"	10.5 mm	.203" (5.2 mm)	Black
23-8405EA	23-8405PK	23-8605PK	1/4"	9.5 mm	.189" (4.8 mm)	Black
23-8407EA	23-8407PK	23-8607PK	5/16"	9.5 mm	.189" (4.8 mm)	Black
23-8409EA	23-8409PK	23-8609PK	3/8"	9.5 mm	.189" (4.8 mm)	Black
23-8411EA	23-8411PK	23-8611PK	1/2"	12.4 mm	.189" (4.8 mm)	Black
23-8413EA	23-8413PK	23-8613PK	5/8"	13 mm	.189" (4.8 mm)	Black
23-8415EA	23-8415PK		3/4"	13 mm	.189" (4.8 mm)	Black

TECHSPAN AUTOMOTIVE

Pack of 25	Pack of 50	Pack of 100	Pack of 500	Pack of 1000	Length	Colour	Strength
LIGHT-DUTY CABLE TIES							
66-2825PK		76-2825PK		76-2825MPK	4”	White	18 lb.
66-2880PK		76-2880PK		76-2880MPK	4”	Black	18 lb.
66-2827PK		76-2827PK		76-2827MPK	5”	White	30 lb.
66-2884PK		76-2884PK		76-2884MPK	5”	Black	30 lb.
		76-2802PK		76-2802MPK	8”	White	40 lb.
		76-2801PK		76-2801MPK	8”	Black	40 lb.
66-2804PK		76-2804PK		76-2804MPK	11”	White	40 lb.
66-2803PK		76-2803PK		76-2803MPK	11”	Black	40 lb.
		76-2806PK		76-2806MPK	14”	White	40 lb.
		76-2805PK		76-2805MPK	14”	Black	40 lb.
STANDARD-DUTY CABLE TIES							
66-2830PK		76-2830PK		76-2830MPK	7.5”	White	50 lb.
66-2886PK		76-2886PK		76-2886MPK	7.5”	Black	50 lb.
66-2832PK		76-2832PK	76-2832BPK		11”	White	50 lb.
66-2888PK		76-2888PK	76-2888BPK		11”	Black	50 lb.
66-2818PK		76-2818PK	76-2818BPK		14”	White	50 lb.
66-2821PK		76-2821PK	76-2821BPK		14”	Black	50 lb.
HEAVY-DUTY CABLE TIES							
66-2894PK		76-2894PK			8”	White	120 lb.
66-2833PK		76-2833PK			14”	White	120 lb.
66-2890PK		76-2890PK			14”	Black	120 lb.
	76-2809PK				24”	White	120 lb.
	76-2808PK				24”	Black	120 lb.
	76-2811PK				28”	White	120 lb.
	76-2810PK				28”	Black	120 lb.
EXTRA HEAVY-DUTY CABLE TIES							
	76-2891PK				24”	White	175 lb.
	76-2892PK				36”	White	175 lb.
	76-2814PK				48”	Grey	175 lb.
MOUNTING HEAD CABLE TIES - *ideal for fastening cables and hoses to walls - screw mount*							
66-2822PK		76-2822PK		76-2822MPK	6”	White	30 lb.
66-2900PK		76-2900PK		76-2900MPK	7.5”	White	50 lb.
66-2819PK		76-2819PK	76-2819BPK		14”	White	50 lb.
66-2815PK		76-2815PK			14”HD	White	120 lb.
66-2820PK		76-2820PK			14”HD	Black	120 lb.
RELEASABLE CABLE TIES (STANDARD DUTY) - *used when access to cables is required - re-usable*							
		76-2816PK			8”	White	50 lb.
		76-2817PK			8”	Black	50 lb.
		76-2824PK			10”	White	50 lb.
		76-2823PK			10”	Black	50 lb.
I.D. TAG CABLE TIES (STANDARD DUTY) - *to identify your wire bundles*							
66-2906PK		76-2906PK			7.5”	White	50 lb.
FLUORESCENT COLOURED CABLE TIES							
		76-2915PK		76-2915MPK	7.5”	Pink	50 lb.
		76-2916PK		76-2916MPK	7.5”	Orange	50 lb.
		76-2917PK		76-2917MPK	7.5”	Blue	50 lb.
		76-2918PK		76-2918MPK	7.5”	Green	50 lb.
		76-2919PK		76-2919MPK	7.5”	Yellow	50 lb.

Pack of 10	Pack of 100	Length	Colour	Strength
CHROME PLATED CABLE TIES - *great for custom shops, hot rods, custom bikes and other customized vehicles.*				
66-2799PK	76-2799PK	4”	Blue	18 lb.
66-2798PK	76-2798PK	4”	Gold	18 lb.
66-2797PK	76-2797PK	4”	Green	18 lb.
66-2796PK	76-2796PK	4”	Purple	18 lb.
66-2795PK	76-2795PK	4”	Red	18 lb.
66-2794PK	76-2794PK	4”	Silver	18 lb.
66-2774PK	76-2774PK	6”	Silver	18 lb.
66-2789PK	76-2789PK	8”	Blue	40 lb.
66-2788PK	76-2788PK	8”	Gold	40 lb.
66-2787PK	76-2787PK	8”	Green	40 lb.
66-2786PK	76-2786PK	8”	Purple	40 lb.
66-2785PK	76-2785PK	8”	Red	40 lb.
66-2784PK	76-2784PK	8”	Silver	40 lb.

Cable ties continued on the next page

Cable Ties, Tools & Assortments

Metal Tooth Cable Ties - These nylon cable ties contain a Stainless Steel tooth that firmly grips the strap. Up to 25% stronger than regular nylon cable ties, the metal tooth is more resistant to impact at low temperatures. Metal tooth cable ties also perform better under dry conditions

Pack of 100	Pack of 1000	Length	Colour	Strength
LIGHT DUTY METAL TOOTH CABLE TIES				
76-2951PK	76-2951MPK	4"	Natural	18 lb.
76-2953PK	76-2953MPK	8"	Natural	18 lb.
76-2950PK	76-2950MPK	4"	Black	18 lb.
76-2952PK	76-2952MPK	8"	Black	18 lb.
MEDIUM DUTY METAL TOOTH CABLE TIES				
76-2955PK	76-2955MPK	5.5"	Natural	40 lb.
76-2957PK	76-2957MPK	8"	Natural	40 lb.
76-2959PK	76-2959MPK	11"	Natural	40 lb.
76-2954PK	76-2954MPK	5.5"	Black	40 lb.
76-2956PK	76-2956MPK	8"	Black	40 lb.
76-2958PK	76-2958MPK	11"	Black	40 lb.
STANDARD DUTY METAL TOOTH CABLE TIES				
76-2961PK	76-2961MPK	7.5"	Natural	50 lb.
76-2963PK	76-2963MPK	11.5"	Natural	50 lb.
76-2965PK	76-2965MPK	14"	Natural	50 lb.
76-2960PK	76-2960MPK	7.5"	Black	50 lb.
76-2962PK	76-2962MPK	11.5"	Black	50 lb.
76-2964PK	76-2964MPK	14"	Black	50 lb.
HEAVY DUTY METAL TOOTH CABLE TIES				
Pack of 50	**Pack of 500**	**Length**	**Colour**	**Strength**
76-2967PK	76-2967BPK	8.5"	Natural	120 lb.
76-2969PK	76-2969BPK	14"	Natural	120 lb.
76-2966PK	76-2966BPK	8.5"	Black	120 lb.
76-2968PK	76-2968BPK	14"	Black	120 lb.

Metal Tooth Cable Ties

Adhesive Backed Mounting Pads

662910 Adhesive Backed Mounting Cradles

Screw Mounts

Push Mount Clip

Singles	Pack of 25	Pack of 100	Pack of 500	Size	Colour	Description
CABLE TIE MOUNTS						
66-2908EA	66-2908PK			1" x 1"	Natural	Adhesive Backed Mounting Pads
76-2908EA		76-2908PK	76-2908BPK	1" x 1"	Natural	Adhesive Backed Mounting Pads
66-2938EA	66-2938PK	76-2938PK	76-2938BPK	1" x 1"	Black	Adhesive Backed Mounting Pads
76-2910EA	66-2910PK	76-2910PK	76-2910BPK	1¼" x 1"	Natural	Adhesive Backed Mounting Cradles
66-2912EA	66-2912PK			3/4" x 3/4"	Natural	Adhesive Backed Mounting Pads
76-2912EA		76-2912PK	76-2912BPK	3/4" x 3/4"	Natural	Adhesive Backed Mounting Pads
66-2939EA	66-2939PK	76-2939PK	76-2939BPK	3/4" x 3/4"	Black	Adhesive Backed Mounting Pads
76-2913EA		76-2913PK	76-2913BPK	-	Natural	Small Screw Mount - Use with #6 or #8 screw
76-6086EA		76-6086PK	76-6086BPK	-	Natural	Push Mount Clip - For use in .250" hole

CABLE TIE TOOL - ECONOMY

Effective and light weight. Place the cable tie end into the tool and squeeze trigger to desired tension. Cut the cable tie with a simple twist of the wrist. no sharp ends are left. Recommended for use with light to standard duty (18 lb.-50lb.) cable ties.
Part No. 76-2860EA.

CABLE TIE TOOL - ADJUSTABLE/ AUTO-CUT

This heavy duty tool is for use with 18-50 lb. rated cable ties. Automatic cut-off and adjustable tensioning makes this tool dependable in assembly applications.
Part No. 76-2864EA.

CABLE TIE TOOL - LARGE - AUTO-CUT

Plier action provides excellent tensioning of 120 lb. and 175 lb. cable ties. the cutter provides a smooth, safe finish. Field proven durability.
Part No. 76-2862EA.

CABLE TIE TOOL - AUTO-CUT

For frequent users and assembly applications, this tool has adjustable tension settings. Automatic cut-off and adjustable tension. Less operator fatigue. Recommended for use with light to standard duty 18-50 lb. rated cable ties.
Part No. 76-2861EA.

400 PC. CABLE TIE ASSORTMENT IN HANDY PACK

These assortments are a must for every tool kit - home and shop. Each assortment contains 400 cables ties. Convenient and organized, the package container is reusable. Contains: 200 - 4" cable ties, 100 - 7.5" cable ties, 100 - 11" cable ties
Part No. 76-2920PK, Natural.
Part No. 76-2921PK, UV black.

650 PC. CABLE TIE ASSORTMENT - COLOURED TIES IN JARS

Coloured cable ties are ideal for colour coding and cosmetic appeal and are conveniently packaged in jars. Contains: 300 - 4" cable ties (200 pc Natural & 25 pc each of Blue, Green, Red & Yellow); 300 - 7" cable ties (All Natural); 50 - 11" cable ties (All Natural)
Part No. 56-2999PK.

1000 PC. CABLE TIE ASSORTMENT - FLUORESCENT

This assortment contains two packages of 100 of each of the five fluorescent colours: Blue, green, Orange, Pink & Yellow.
Part No. 76-2914PK.

GROTE Cable Ties

CABLE TIES

•Made of a general purpose nylon 6/6 material •Light weight, high strength and maintain a wide temperature range •Can absorb or release moisture depending on the environment which results in longer life •Provide a strong grip and flexibility •Prevent kinking and curling of wires •Absorbs vibration, insulate cables and protect from abrasion •Black ties are U.V. resistant which results in a decrease in premature aging

Pack of 25	Pack of 100	Pack of 1000	Length	Width	Colour	Strength
MINIATURE CABLE TIES						
85-6000PK	83-6000PK	83-6000-3PK	4"	.10"	White	18 lbs.
85-6001PK	83-6001PK		4"	.10"	Black	18 lbs.
85-6004PK	83-6004PK	83-6004-3PK	8"	.10"	White	18 lbs.
85-6005PK	83-6005PK		8"	.10"	Black	18 lbs.
STANDARD CABLE TIES						
85-6006PK	83-6006PK	83-6006-3PK	6"	.14"	White	30 lbs.
85-6007PK	83-6007PK		6"	.14"	Black	30 lbs.
85-6010PK	83-6010PK		11½"	.15"	White	40 lbs.
85-6011PK	83-6011PK		11½"	.15"	Black	40 lbs.
85-6018PK	83-6018PK	83-6018-3PK	8"	.18"	White	50 lbs.
85-6019PK	83-6019PK	83-6019-3PK	8"	.18"	Black	50 lbs.
85-6020PK	83-6020PK	83-6020-3PK	11¾"	.18"	White	50 lbs.
85-6021PK	83-6021PK		11¾"	.18"	Black	50 lbs.
85-6026PK	83-6026PK	83-6026-3PK	15½"	.18"	White	50 lbs.
HEAVY DUTY CABLE TIES						
85-6016PK	83-6016PK		8⅛"	.30"	Black	120 lbs.
85-6017PK	83-6017PK		8⅛"	.30"	White	120 lbs.
85-6028PK	83-6028PK		15¼"	.30"	White	120 lbs.
85-6029PK	83-6029PK		15¼"	.30"	Black	120 lbs.
85-6163PK	83-6163PK		23"	.50"	Black	250 lbs.
MOUNTING CABLE TIES						
85-6104PK	83-6104PK		8½"	.18"	White	50 lbs.
85-6027PK	83-6027PK		16"	.18"	White	50 lbs.
85-6116PK	83-6116PK		16¼"	.30"	White	120 lbs.

Pack of 25	Length	Width	Colour	Strength
COLOUR CABLE TIES - Colour ties help to ease wire identification				
85-6030PK	8"	.18"	Red	50 lbs.
85-6031PK	8"	.18"	Orange	50 lbs.
85-6032PK	8"	.18"	Blue	50 lbs.
85-6033PK	8"	.18"	Yellow	50 lbs.
85-6034PK	8"	.18"	Green	50 lbs.
85-6035PK	8"	.18"	Purple	50 lbs.
85-6036PK	8"	.18"	Gray	50 lbs.

CABLE TIE MOUNTING BASES

•Nylon mounting bases •Ease of identification for bundling •Adhesive back tensile strength of 6 psi •Temperature rating of - 45°C - 82°C •Accommodates 18-50 lbs maximum

Single Screw Hole Mount - with adhesive back, insertion from two sides
Part No. 83-6030EA, Sold as each, white.
Part No. 83-6030PK, Sold as package of 50, white.
Part No. 83-6032EA, Sold as each, black.
Part No. 83-6032PK, Sold as package of 50, black.

Double Screw Hole Mount - with adhesive back, insertion from four sides
Part No. 83-6031EA, Sold as each, white.
Part No. 83-6031PK, Sold as package of 50, white.
Part No. 83-6033EA, Sold as each, black.
Part No. 83-6033PK, Sold as package of 50, black.

Grote®
The first name in vehicle safety systems®

Heat Shrink Tubing

HEAT SHRINK TUBING - SINGLE WALL

Length and Packaging	Part No. BLACK	Part No. BLUE	Part No. CLEAR	Part No. RED	Part No. WHITE	Part No. YELLOW
1/8" I.D.						
3" piece	SW-1/8-BK-3	SW-1/8-BL-3	SW-1/8-CL-3	SW-1/8-RE-3	SW-1/8-WH-3	SW-1/8-YE-3
6" piece	SW-1/8-BK-6	SW-1/8-BL-6	SW-1/8-CL-6	SW-1/8-RE-6	SW-1/8-WH-6	SW-1/8-YE-6
48" piece	SW-1/8- BK-48	SW-1/8-BL-48	SW-1/8-CL-48	SW-1/8-RE-48	SW-1/8-WH-48	SW-1/8-YE-48
96" roll	SW-1/8-BK-96	-	-	-	-	-
50 ft. dispenser pack	SW-1/8-BK-600	-	-	-	-	-
3/16" I.D.						
3" piece	SW-3/16-BK-3	SW-3/16-BL-3	SW-3/16-CL-3	SW-3/16-RE-3	SW-3/16-WH-3	SW-3/16-YE-3
6" piece	SW-3/16-BK-6	SW-3/16-BL-6	SW-3/16-CL-6	SW-3/16-RE-6	SW-3/16-WH-6	SW-3/16-YE-6
48" piece	SW-3/16-BK-48	SW-3/16-BL-48	SW-3/16-CL-48	SW-3/16-RE-48	SW-3/16-WH-48	SW-3/16-YE-48
96" roll	SW-3/16-BK-96	-	-	-	-	-
50 ft. dispenser pack	SW-3/16-BK-600	-	-	-	-	-
1/4" I.D.						
3" piece	SW-1/4-BK-3	SW-1/4-BL-3	SW-1/4-CL-3	SW-1/4-RE-3	SW-1/4-WH-3	SW-1/4-YE-3
6" piece	SW-1/4-BK-6	SW-1/4-BL-6	SW-1/4-CL-6	SW-1/4-RE-6	SW-1/4-WH-6	SW-1/4-YE-6
48" piece	SW-1/4-BK-48	SW-1/4-BL-48	SW-1/4-CL-48	SW-1/4-RE-48	SW-1/4-WH-48	SW-1/4-YE-48
96" roll	SW-1/4-BK-96	-	-	-	-	-
50 ft. dispenser pack	SW-1/4-BK-600	-	-	-	-	-
3/8" I.D.						
3" piece	SW-3/8-BK-3	SW-3/8-BL-3	SW-3/8-CL-3	SW-3/8-RE-3	SW-3/8-WH-3	SW-3/8-YE-3
6" piece	SW-3/8-BK-6	SW-3/8-BL-6	SW-3/8-CL-6	SW-3/8-RE-6	SW-3/8-WH-6	SW-3/8-YE-6
48" piece	SW-3/8-BK-48	SW-3/8-BL-48	SW-3/8-CL-48	SW-3/8-RE-48	SW-3/8-WH-48	SW-3/8-YE-48
96" roll	SW-3/8-BK-96	-	-	-	-	-
50 ft. dispenser pack	SW-3/8-BK-600	-	-	-	-	-
1/2" I.D.						
3" piece	SW-1/2-BK-3	SW-1/2-BL-3	SW-1/2-CL-3	SW-1/2-RE-3	SW-1/2-WH-3	SW-1/2-YE-3
6" piece	SW-1/2-BK-6	SW-1/2-BL-6	SW-1/2-CL-6	SW-1/2-RE-6	SW-1/2-WH-6	SW-1/2-YE-6
48" piece	SW-1/2-BK-48	SW-1/2-BL-48	SW-1/2-CL-48	SW-1/2-RE-48	SW-1/2-WH-48	SW-1/2-YE-48
96" roll	SW-1/2-BK-96	-	-	-	-	-
50 ft. dispenser pack	SW-1/2-BK-600	-	-	-	-	-
3/4" I.D.						
3" piece	SW-3/4-BK-3	SW-3/4-BL-3	SW-3/4-CL-3	SW-3/4-RE-3	SW-3/4-WH-3	SW-3/4-YE-3
6" piece	SW-3/4-BK-6	SW-3/4-BL-6	SW-3/4-CL-6	SW-3/4-RE-6	SW-3/4-WH-6	SW-3/4-YE-6
48" piece	SW-3/4-BK-48	SW-3/4-BL-48	SW-3/4-CL-48	SW-3/4-RE-48	SW-3/4-WH-48	SW-3/4-YE-48
1" I.D.						
3" piece	SW-1-BK-3	SW-1-BL-3	SW-1-CL-3	SW-1-RE-3	SW-1-WH-3	SW-1-YE-3
6" piece	SW-1-BK-6	SW-1-BL-6	SW-1-CL-6	SW-1-RE-6	SW-1-WH-6	SW-1-YE-6
48" piece	SW-1-BK-48	SW-1-BL-48	SW-1-CL-48	SW-1-RE-48	SW-1-WH-48	SW-1-YE-48
1½" I.D.						
3" piece	SW-1-1/2-BK-3	-	-	-	-	-
6" piece	SW-1-1/2-BK-6	-	-	-	-	-
48" piece	SW-1-1/2-BK-48	-	-	-	-	-
2" I.D.						
3" piece	SW-2-BK-3	-	-	-	-	-
6" piece	SW-2-BK-6	-	-	-	-	-
48" piece	SW-2-BK-48	-	-	-	-	-
3" I.D.						
3" piece	SW-3-BK-3	-	-	-	-	-
6" piece	SW-3-BK-6	-	-	-	-	-
48" piece	SW-3-BK-48	-	-	-	-	-
4" I.D.						
3" piece	SW-4-BK-3	-	-	-	-	-
6" piece	SW-4-BK-6	-	-	-	-	-
48" piece	SW-4-BK-48	-	-	-	-	-

HEAT SHRINK TUBING - DUAL WALL

Length and Packaging	Part No. BLACK	Part No. RED
1/8" I.D.		
3" piece	DW-1/8-BK-3	-
6" piece	DW-1/8-BK-6	-
48" piece	DW-1/8-BK-48	-
3/16" I.D.		
3" piece	DW-3/16-BK-3	-
6" piece	DW-3/16-BK-6	-
48" piece	DW-3/16-BK-48	-
1/4" I.D.		
3" piece	DW-1/4-BK-3	-
6" piece	DW-1/4-BK-6	-
48" piece	DW-1/4-BK-48	-
3/8" I.D.		
3" piece	DW-3/8-BK-3	-
6" piece	DW-3/8-BK-6	-
48" piece	DW-3/8-BK-48	-
1/2" I.D.		
3" piece	DW-1/2-BK-3	DW-1/2-RE-3
6" piece	DW-1/2-BK-6	DW-1/2-RE-6
48" piece	DW-1/2-BK-48	DW-1/2-RE-48
3/4" I.D.		
3" piece	DW-3/4-BK-3	DW-3/4-RE-3
6" piece	DW-3/4-BK-6	DW-3/4-RE-6
48" piece	DW-3/4-BK-48	DW-3/4-RE-48
1" I.D.		
3" piece	DW-1-BK-3	DW-1-RE-3
6" piece	DW-1-BK-6	DW-1-RE-6
48" piece	DW-1-BK-48	DW-1-RE-48

HEAT SHRINK TUBING - HEAVY WALL

Length and Packaging	Part No. BLACK
1/2" I.D.	
12" piece	HW-1/2-BK-12
48" piece	HW-1/2-BK-48
3/4" I.D.	
12" piece	HW-3/4-BK-12
48" piece	HW-3/4-BK-48
1" I.D.	
12" piece	HW-1-BK-12
48" piece	HW-1-BK-48
1½" I.D.	
12" piece	HW-1-1/2-BK-12
48" piece	HW-1-1/2-BK-48
2" I.D.	
12" piece	HW-2-BK-12
48" piece	HW-2-BK-48

Shrink Tubing Information

SINGLE WALL - General purpose flexible polyolefin shrink tubing. Shrinks to form a tight cover. Shrink ratio 2:1.
DUAL WALL - A rigid polyolefin tubing with an elastic memory which allows shrinkage without melting. Inner wall melts into voids. Shrink ratio 3:1.
HEAVY WALL - A special adhesive lined heavy wall shrink tubing with a 3:1 shrink ratio. Primarily used for battery connections.

TECTRAN
Making the Right Connections

Dual Wall Heat Shrink – 6 inch Lengths

DUAL WALL HEAT SHRINK TUBING

•Rigid dual wall polyolefin heat shrink •Meltable inner wall •Extremely abrasion resistant •Shrink ratio of 3:1

Part No.	I.D.	Length	Colour
76-9939EA	3/16"	6"	Black
76-9940EA	1/4"	6"	Black
76-9898EA	3/8"	1.5"	Black
76-9941EA	3/8"	6"	Black
76-9899EA	1/2"	1.5"	Black
76-9942EA	1/2"	6"	Black
76-9943EA	3/4"	6"	Black
76-9944EA	1"	6"	Black

SEAL WALL HEAT SHRINK TUBING

•Adhesive inner wall gives superior moisture seal •Flexible and easy to work with •Premium polyolefin heat shrink tubing •Shrink ratio of 3:1

Each	Pack of 6	Pack of 10	Pack of 25	Pack of 50	Pack of 100	I.D.	Length	Colour
66-9939EA	66-9939PK				66-9939BPK	3/16"	6"	Black
76-9976EA				76-9976BPK		3/16"	48"	Black
66-9982EA	66-9982PK				66-9982BPK	3/16"	6"	Red
76-9982EA				76-9982BPK		3/16"	48"	Red
66-9940EA	66-9940PK				66-9940BPK	1/4"	6"	Black
76-9977EA			76-9977BPK			1/4"	48"	Black
66-9983EA	66-9983PK				66-9983BPK	1/4"	6"	Red
76-9983EA			76-9983BPK			1/4"	48"	Red
66-9941EA	66-9941PK				66-9941BPK	3/8"	6"	Black
76-9978EA			76-9978BPK			3/8"	48"	Black
66-9984EA	66-9984PK				66-9984BPK	3/8"	6"	Red
76-9988EA			76-9988BPK			3/8"	48"	Red
66-9942EA	66-9942PK				66-9942BPK	1/2"	6"	Black
76-9979EA			76-9979BPK			1/2"	48"	Black
66-9985EA	66-9985PK				66-9985BPK	1/2"	6"	Red
76-9985EA			76-9985BPK			1/2"	48"	Red
66-9943EA	66-9943PK				66-9943BPK	3/4"	6"	Black
76-9980EA		76-9980BPK				3/4"	48"	Black
66-9986EA	66-9986PK				66-9986BPK	3/4"	6"	Red
76-9986EA		76-9986BPK				3/4"	48"	Red
66-9944EA	66-9944PK				66-9944BPK	1"	6"	Black
76-9981EA		76-9981BPK				1"	48"	Black
66-9987EA	66-9987PK				66-9987BPK	1"	6"	Red
76-9987EA		76-9987BPK				1"	48"	Red

SINGLE WALL HEAT SHRINK TUBING

•Polyolefin heat shrink •Ideal insulation where moisture is not an issue •Shrink ratio of 2:1

Single Wall Heat Shrink – Spools

Single Wall Heat Shrink – Clam Spools

Single Wall Heat Shrink – Clam Spools

Part No.	Optional Pack Size Available	I.D.	Length	Colour
66-9901RL		3/64"	25 ft.	Black
66-9902RL		3/64"	25 ft.	Clear
66-9903RL		1/16"	25 ft.	Black
66-9904RL		1/16"	25 ft.	Clear
66-9905RL		3/32"	25 ft.	Black
66-9906RL		3/32"	25 ft.	Clear
66-9907RL		1/8"	25 ft.	Black
66-9911RL		1/8"	25 ft.	Blue
66-9912RL		1/8"	25 ft.	Clear
66-9910RL		1/8"	25 ft.	Green
66-9908RL		1/8"	25 ft.	Red
66-9913RL		1/8"	25 ft.	White
66-9909RL		1/8"	25 ft.	Yellow
66-9946RL		1/8"	100 ft.	Black
76-9946EA	76-9946PK - Pk/20	3/16"	3"	Black
66-9954EA	66-9954PK - Pk/6	3/16"	6"	Black
76-9952EA	76-9952BPK - Pk/50	3/16"	48"	Black
66-9914RL		3/16"	25 ft.	Black
66-9918RL		3/16"	25 ft.	Blue
66-9919RL		3/16"	25 ft.	Clear
66-9917RL		3/16"	25 ft.	Green
66-9915RL		3/16"	25 ft.	Red
66-9920RL		3/16"	25 ft.	White
66-9916RL		3/16"	25 ft.	Yellow
66-9948RL		3/16"	100 ft.	Black
76-9947EA	76-9947PK - Pk/20	1/4"	3"	Black
66-9955EA	66-9955PK - Pk/6	1/4"	6"	Black
76-9953EA	76-9953BPK - Pk/25	1/4"	48"	Black
66-9921RL		1/4"	15 ft.	Black
66-9925RL		1/4"	15 ft.	Blue
66-9926RL		1/4"	15 ft.	Clear
66-9924RL		1/4"	15 ft.	Green
66-9922RL		1/4"	15 ft.	Red
66-9927RL		1/4"	15 ft.	White
66-9923RL		1/4"	15 ft.	Yellow
66-9950RL		1/4"	75 ft.	Black

Part No.	Optional Pack Size Available	I.D.	Length	Colour
76-9948EA	76-9948PK - Pk/20	3/8"	3"	Black
66-9956EA	66-9956PK - Pk/6	3/8"	6"	Black
76-9954EA	76-9954BPK - Pk/25	3/8"	48"	Black
66-9928RL		3/8"	10 ft.	Black
66-9932RL		3/8"	10 ft.	Blue
66-9933RL		3/8"	10 ft.	Clear
66-9931RL		3/8"	10 ft.	Green
66-9929RL		3/8"	10 ft.	Red
66-9934RL		3/8"	10 ft.	White
66-9930RL		3/8"	10 ft.	Yellow
66-9951RL		3/8"	50 ft.	Black
76-9949EA	76-9949PK - Pk/20	1/2"	3"	Black
66-9957EA	66-9957PK - Pk/6	1/2"	6"	Black
76-9955EA	76-9955BPK - Pk/25	1/2"	48"	Black
66-9935RL		1/2"	10 ft.	Black
66-9938RL		1/2"	10 ft.	Green
66-9936RL		1/2"	10 ft.	Red
66-9937RL		1/2"	10 ft.	Yellow
66-9952RL		1/2"	40 ft.	Black
76-9950EA	76-9950PK - Pk/10	3/4"	3"	Black
66-9958EA	66-9958PK - Pk/6	3/4"	6"	Black
76-9956EA	76-9956BPK - Pk/10	3/4"	48"	Black
66-9953RL		3/4"	20 ft.	Black
76-9951EA	76-9951PK - Pk/10	1"	3"	Black
66-9959EA	66-9959PK - Pk/6	1"	6"	Black
76-9957EA	76-9957BPK - Pk/10	1"	48"	Black
66-9945RL		1"	10 ft.	Black
66-9947RL		1-1/2"	8 ft.	Black
66-9949RL		2"	6 ft.	Black

TECHSPAN AUTOMOTIVE

GROTE

Heat Shrink Tubing

SINGLE WALL HEAT SHRINK TUBING

•Cost effective; design for insulating and protecting •Provides strain relief •Shrink ratio 2:1 •Minimum shrink temperature 90°C •Continuous operating temperature -30°C to 125°C

Part No.	I.D.	Length
83-5000RL	3/16"	100 ft.
83-5001RL	1/4"	100 ft.
83-5002RL	3/8"	100 ft.
83-5003RL	1/2"	100 ft.

DUAL WALL HEAT SHRINK TUBING

•Shrinks outer jacket and melts the inner "encapsulant" wall to flow and fill surface irregularities •Shrink ratio 3:1 •Minimum shrink temperature 135°C •Continuous operating temperature -55°C to 110°C

Part No.	I.D.	Length	Pkg. Qty.
84-4005EA	3/16"	6"	1
84-4005PK	3/16"	6"	6
84-4005-3PK	3/16"	6"	20
84-4005-48EA	3/16"	48"	1
84-4005-48PK	3/16"	48"	6
84-4006EA	1/8"	6"	1
84-4006PK	1/8"	6"	6
84-4000EA	1/4"	6"	1
84-4000PK	1/4"	6"	6
84-4000-3PK	1/4"	6"	20
84-4000-48EA	1/4"	48"	1
84-4000-48PK	1/4"	48"	6
84-4001EA	3/8"	6"	1
84-4001PK	3/8"	6"	6
84-4001-3PK	3/8"	6"	20
84-4001-48EA	3/8"	48"	1
84-4001-48PK	3/8"	48"	6
84-4002EA	1/2"	6"	1
84-4002PK	1/2"	6"	6
84-4002-48EA	1/2"	48"	1
84-4002-48PK	1/2"	48"	6
84-4003EA	3/4"	6"	1
84-4003PK	3/4"	6"	6
84-4003-48EA	3/4"	48"	1
84-4003-48PK	3/4"	48"	6
84-4004EA	1"	6"	1
84-4004PK	1"	6"	6
84-4004-48EA	1"	48"	1
84-4004-48PK	1"	48"	6

DUAL WALL HEAT SHRINK TUBING - HOT MELT

•Designed for insulating and sealing components and splices for the under-the-hood environment •Inner wall has unique specially formulated "Hot Melt" adhesive that forms an outstanding barrier against fluids and moisture protecting against corrosion and water wicking •Shrink ratio 4:1 •Minimum shrink temperature 110°C •Continuous operating temperature -40°C to 130°C

Part No.	I.D.	Length	Pkg. Qty.
84-5006EA	3/16"	6"	1
84-5006PK	3/16"	6"	6
84-5007EA	1/4"	6"	1
84-5007PK	1/4"	6"	6
84-5008EA	3/8"	6"	1
84-5008PK	3/8"	6"	6
84-5009EA	5/8"	6"	1
84-5009PK	5/8"	6"	6

DUAL WALL HEAT SHRINKABLE TUBING KIT

•50 dual wall pieces •Encapsulant-lined that provides moisture resistance and strain relief •6 compartment reclosable plastic box •Re-order chart on inside cover
Part No. 83-6502EA.

Part No.	Qty.
84-4000EA	12
84-4001EA	6
84-4002EA	6
84-4003EA	2
84-4005EA	12
84-4006EA	12

Heat Guns

HEAT GUN

•Two heat settings •Lightweight (1 lb.) •3-wire ground cordset •UL and CUL listed •Thermoplastic
Part No. 83-6501EA.

BUTANE POWERED MICRO TORCH

•Self-igniting trigger switch with safety lock •Adjustable flame •Powered by "Refillable" fuel cell •20 minute run time
Part No. 83-6500EA.

Grote
The first name in vehicle safety systems®

TECTRAN

Heat Gun

HEAT GUN

•Electric heat gun - 120V •Temperature can be set to 398°C or 593°C •Equipped with fold-down stand for hands free operation •Can be shut off immediately after use - cool down time not required.
Part No. HG-1.

TECTRAN
Making the Right Connections

TECHSPAN IND. INC.

Heat Gun

HEAT GUN

•Compact, lightweight and easy to use, this heat gun with temperature setting of 399°C to 538°C and an airflow of 15 CFM at 3650 FPM meets the requirements of most materials •The compact ergonomically designed polycarbonate housing, enclosed ceramic heating element and wrap-around air intake assure you of a lightweight (.73 kg), easy to use source of flameless heat whether you're working with heat shrinkable materials, spot drying paint, bending plastics/laminates or activating adhesives •UL and CSA approved •120V., 12 amp, 1500 watt.
Part No. 76-9888EA, Heat gun.
Part No. 76-9891EA, Heat shrink attachment.

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TECHSPAN AUTOMOTIVE

MAKITA Heat Gun

HEAT GUN ACCESSORIES

Wide Angle Slit Nozzle - Provides a 1-3/4" x 3/16" air flow •Nozzle has a slight angle to direct air flow for lap welding surfaces such as PVC materials and single ply roofing
Part No. 110751-A.

Large Reflector Nozzle - 3" wide •Used to deflect air flow around pipes •Used for bending PVC pipe, heat shrinking tubing, thawing pipe and soldering copper pipe
Part No. 110730-A.

Reflector Nozzle - Used for soldering pipes or shrink tubes
Part No. 110705-A.

3" Surface Nozzle - Provides a 3" x 1/4" air flow for heating large surfaces
Part No. 110702-A.

9/16" Reduction Nozzle - Spot oriented hot air de-smoldering and PVC welding
Part No. 110707-A.

25/32" Reduction Nozzle - For concentrated air flow
Part No. 110708-A.

3/8" Reduction Nozzle - Provides small area air flow (approx. 3/8") •Also used with #110720-A for plastic welding
Part No. 110706-A.

3/8" Reflector Nozzle - Small reflector nozzle for use in activating solder sink wire connectors and small shrink tubing
Part No. 110746-A.

Plastic Welding Nozzle - Attaches to #110706-A to provide concentrated air flow to melt the plastic welding rod •Also can be used for fusing plastic parts together
Part No. 110720-A.

HEAT GUN

•Variable temperature control 121°C - 593°C for a wide variety of applications •Strips paint and varnish, thaws frozen pipes, loosens tile and putty, re-melts adhesives, etc. •2-speed blower setting for 8 CFM or 14 CFM •Thermocouple control maintains precise temperature •12.5 amp •1500 watts •Overall length 10"
Part No. HG1100.

makita
INDUSTRIAL POWER TOOLS

MILWAUKEE® Heat Guns

VARIABLE TEMPERATURE HEAT GUN

•12.5 amp motor •120 volt AC •14.8 cu. ft. min. air volume •93°C to 593°C air temperatures •Heat adjustment dial (1-6) •Electronic control allows extra reduction of air flow for more accurate and concentrated heat location without damage to heating element •Includes air reduction and hook nozzle
Part No. 8978-20.

DUAL TEMPERATURE HEAT GUN

•11.6 amp motor •120 volt AC •14.8 cu. ft. min. air volume •298°C and 537°C air temperatures •Impact resistant heating element •Cool air inlet design •Support stand •3 position rocker switch- off, high and low •Double insulated
Part No. 8975-6.
Part No. 8980, Kit includes Includes accessory assortment and impact resistant carrying case.

VARIABLE TEMPERATURE HEAT GUN

•11.6 amp motor •120 volt AC •14.8 cu. ft. min. air volume •60°C to 560°C air temperatures •Impact resistant heating element •Cool air inlet design •Rotate rear housing to select temperature •Support stand •Double insulated
Part No. 8977-20.
Part No. 8985, Kit includes accessory assortment and impact resistant carrying case

Milwaukee®

AC DELCO
Batteries

AC Delco Part No.	BCI Group	Type: D/M/W	Type of Service	Volts	Length (inches)	Width (inches)	Height* (inches)	Cold Cranking Amps (at -18°C)	Reserve Capacity Minutes	Terminal Type	Battery Style
413AC	1	W	AUT	6	8.7	6.6	8.8	550	120	TP	LC
U1-170WC	U1	W	GU	12	7.8	5.2	7.2	190	20	LUG	GU
U1-240WC	U1	W	GU	12	7.8	5.2	7.2	270	30	LUG	GU
417AC	2	W	AUT	6	10.1	6.7	8.9	520	90	TP	LC
845AC	GC2	W	EV	6	10.2	7.1	10.8	-	105	TP/WN	DC
461AC	3EE	W	IND	12	19.5	4.3	8.8	360	95	TP	IND
FD2C	3EH	W	IND	6	19.3	4.3	9.8	850	340	TP	IND
361AC	3ET	W	IND	12	19.3	4.4	9.8	450	105	TP	IND
717A	4	W	HD	6	12.9	6.9	9.3	1000	300	TP	IND
759AC	4D	W	HD	12	20.8	8.8	9.9	850	250	TP	IND
721AC	4DLT	W	IND	12	19.9	8.2	8.0	1000	260	TP	IND
719AC	7D	W	HD	6	16.0	7.1	9.1	900	375	TP	IND
761AC	8D	W	HD	12	20.7	11.4	10.9	1200	400	TP	IND
771AC	8D	W	HD	12	22.2	11.0	9.9	1400	440	SSB	IND
351C	22NF	W	IND	12	9.4	5.5	8.8	350	70	TP	DC
24-6YRC	24	M	AUT	12	10.8	6.8	8.8	550	100	TP	AUT
24-7YRC	24	M	AUT	12	10.8	6.8	8.8	660	110	TP	AUT
C24MFC	24	M	SS/M	12	10.9	6.8	8.8	475	90	TSM	DC
DC24C	24	M	HD	12	10.9	6.8	8.8	500	125	TP	DC
M24MFC	24	M	MAR	12	10.9	6.8	8.8	400	125	TSM	DC
24R-6YRC	24R	M	AUT	12	10.8	6.8	8.8	550	100	TP	AUT
24R-7YRC	24R	M	AUT	12	10.8	6.8	8.8	660	110	TP	AUT
25-6YRC	25	M	AUT	12	9.1	6.8	8.8	560	110	TP	AUT
26-6YRC	26	M	AUT	12	8.8	6.8	8.0	550	80	TP	AUT
26R-6YRC	26R	M	AUT	12	8.8	6.8	8.0	550	80	TP	AUT
27-7YRC	27	M	AUT	12	12.1	6.8	8.8	700	110	TP	AUT
M27MFC	27	M	MAR	12	12.5	6.8	8.8	550	105AH	TSM	DC
27R-7YRC	27F	M	AUT	12	12.5	6.8	8.8	700	110	TP	AUT
DC27RC	27F	M	SS/M	12	12.1	6.8	8.8	580	160	TP	DC
775AC	30H	W	HD	12	13.5	6.7	9.1	600	110	TP	IND
M30HMFC	30H	M	MAR	12	13.6	6.8	8.9	625	115AH	TSM	DC
1110C	31	M	HD	12	13.0	6.8	9.4	750	160	TS	HD
1111C	31	M	HD	12	13.0	6.8	9.4	750	160	TP	HD
1150C	31	M	HD	12	13.0	6.8	9.4	625	180	TS	HC
1151C	31	M	HD	12	13.0	6.8	9.4	625	180	TP	HC
1200C	31	M	HD	12	13.0	6.8	9.4	550	130	TS	HD
1201C	31	M	HD	12	13.0	6.8	9.4	550	130	TP	HD
31-900CTC	31	M	HD	12	13.0	6.8	9.6	900	160	TS	HD
31-901CTC	31	M	HD	12	13.0	6.8	9.6	900	160	TP	HD
DC31C	31	M	HD	12	13.0	6.8	9.4	625	165	TS	DC
S2000C	31	M	HD	12	13.0	6.8	7.8	580	115AH	TS	DC
34H-6YRC	34	M	AUT	12	10.3	6.8	7.8	535	110	TP	LC
34H-7YRC	34	M	AUT	12	10.3	6.8	7.8	700	115	TP	LC
35-6YRC	35	M	AUT	12	9.1	6.8	8.8	560	110	TP	LC
41-7YRC	41	M	AUT	12	11.5	6.9	6.9	650	105	TP	LC
47-6YRC	47	W	AUT	12	9.6	6.8	7.3	590	85	TP	LC
48-6YRC	48	W	AUT	12	11.5	6.8	6.8	570	100	TP	LC
4993-6YRC	49/93	W	AUT	12	14.4	6.8	6.8	775	150	TP	LC
51R-6YRC	51R	M	AUT	12	9.4	5.1	8.8	440	75	TP	LC
56-6YRC	55/56	M	AUT	12	9.2	6.1	8.3	580	85	TP	LC
58-6YRC	58	M	AUT	12	9.7	7.2	6.8	560	75	TP	LC
58R-6YRC	58R	M	AUT	12	9.5	7.2	6.8	585	100	TP	LC
62-6YRC	62	M	AUT	12	8.9	6.4	8.9	510	90	TP	LC
64-6YRC	64	M	AUT	12	11.7	6.4	8.9	610	120	TP	LC
65-6YRC	65	M	AUT	12	11.9	7.5	7.6	650	150	TP	LC
65-7YRC	65	M	AUT	12	11.9	7.5	7.6	850	160	TP	LC
70-6YRC	70	M	AUT	12	8.8	7.0	7.3	550	80	ST	LC
75DT-6YRC	70DT	M	AUT	12	8.8	7.0	7.3	555	90	DT	LC
75DT-7YRC	70DT	M	AUT	12	8.8	7.0	7.3	675	90	DT	LC
75-5YRC	75	M	AUT	12	9.5	7.0	7.3	550	90	ST	LC
75-6YRC	75	M	AUT	12	9.5	7.0	7.3	650	90	ST	LC
75-7YRC	75	M	AUT	12	9.5	7.0	7.3	735	100	ST	LC
78-6YRC	78	M	AUT	12	10.9	7.0	7.3	675	110	ST	LC
78-7YRC	78	M	AUT	12	10.9	7.0	7.3	770	120	ST	LC
78DT-6YRC	78DT	M	AUT	12	10.9	7.0	7.3	730	115	DT	LC
78DT-7YRC	78DT	M	AUT	12	10.9	7.0	7.3	850	115	DT	LC
79-6YRC	79	M	AUT	12	12.1	7.0	7.3	880	140	ST	LC
85H-7YRC	85	M	AUT	12	9.5	6.8	8.0	730	110	TP	LC

NOTE: AH = amp hours

*Height is measured from the base to the top of the post.

Professional Car & Truck Battery

•ACDelco professional batteries are tough and dependable, and last up to 30% longer than the average competitors'. •The hydrometer or "the eye" eliminates the guesswork by indicating the battery state of charge.

Voyager® Marine/RV Battery

•Deep cycle battery puts out a steady stream of power for long periods of time and the technology allows you to recharge again and again. •Built-in charge indicator for quick glance monitoring.

Heavy Duty Battery

ACDelco Heavy Duty Batteries have special features in the grid, element, case, and cover to provide dependable, trouble-free service for off-road vehicles, line haul trucks, and construction, farm, and industrial applications.

ABBREVIATIONS

D - Dry battery
W - Wet battery
M - Maintenance free battery - these batteries have built in green eye battery hydrometers.
DT - Dual Terminals: has both top post and side terminals.
LUG - Has lug or eyelet terminals.
SSB - Side male thread bus terminals (Low profile applications)
ST - Side terminals - female threads.
TP - Top post - standard SAE.
TPWN - Combination top post and wing nut terminals.
TS - Top stud - male thread terminals.
TSM - Top stud marine

AUT - Automotive battery - These batteries are used in passenger cars and small trucks both import and domestic.

DC - Delco Deep Cycle batteries can be used until they "power out", then can be recharged. These batteries have excellent recovery power.

EV - Delco Electric Vehicle "Long Drive" batteries are designed for electric golf carts, small forklifts, trolling motors, wheelchairs, and electric pallet jacks. These batteries are able to handle the deep cycling demands for which car or truck batteries are not intended.

GU - Delco General Utility batteries are designed for lawn and garden tractors, snow throwers, small generators, pumps, snowmobiles, and go-carts etc.

HC - These High Cycle batteries are used from the high end of their charge, down to a partially discharged state, then are recharged. These are designed for use with electric motors on a slow draw or are used on vehicles with large electrical requirements. These batteries have good recovery properties.

HD - Heavy Duty freedom batteries are designed with commercial vehicles, farm equipment, and construction equipment in mind. They have high cranking and reserve power.

IND - Industrial and farm batteries, are designed for wheeled tractors or self propelled implements which have special electrical needs.

LC - For automotive or light commercial applications.

MAR - For Marine and RV use. These are deep cycle batteries which will not only start your engine but will provide plenty of reserve power for trolling motors, fish finders and running lights etc. These batteries have excellent recovery properties when recharging, and a long cycle life, which means years of service.

SS/M - Delco Special Service/Marine batteries are deep cycle batteries designed for stops and starts, and vehicles with constantly running motors. These are excellent batteries for taxi, ambulance, police, marine, and RV applications. These batteries can be run down and recharged with excellent charging recovery.

ACDelco®

AC DELCO

Recreational Vehicle & Marine Batteries - 12 Volt

•Motorcycle •ATV •Riding Mower •Snowmobile •Water Sport

These compact batteries come dry charged and come complete with a battery acid pack. These batteries come with a 90 day warranty. Application Guides are available.

Part Number	GM Number	Type (JIS No.)	Cold Cranking Amps (@ -18°C)	Terminal	Length (inches)	Width (inches)	Height (inches)	Weight (lb. with acid pack)	Polarity
MC0414C	31017726	CB4L-B	56	LUG	4.72	2.76	3.62	3.70	
MC0910C	31017727	12N9-4B-1	85	LUG	5.40	3.00	5.50	9.00	
MC1114C	31017728	CB10L-A2	160	LUG	5.40	3.60	5.80	10.75	
MC1202C	31017729	12N12A-4A-1	113	LUG	5.30	3.20	6.30	10.25	
MC1216C	31017730	CB12A-A	165	LUG	5.28	3.15	6.30	9.70	
MC1404C	31017731	12N14-3A	128	LUG	5.30	3.60	6.60	11.50	
MC1406C	31017732	CB14L-A2	170	LUG	5.30	3.60	6.50	12.25	
MC1418C	31017733	CB14A-A2	170	LUG	5.30	3.60	6.90	12.25	
MC1912C	31017734	CB16-B	240	LUG	6.90	3.90	6.10	16.25	
MC1924C	31017735	CB16CL-B	240	LUG	6.89	3.94	6.89	13.54	
MC2008C	31017736	C50-N18L-A2	260	LUG	8.10	3.60	6.40	16.50	

BATTERY ACID

Part No. BA-20, 20 litre pack battery acid
Part No. BA-210, 210 litre drum battery acid

ATTWOOD

Battery Boxes

9082-1

9065-1

9069-1

9067-1

9084-1

Polypropylene construction for total acid resistance. Hold-down straps resist 350 lbs. of force. Battery boxes are drop tested in temperatures ranging from -28°C to 49°C. Mounting hardware is included.

PART NO.	DESCRIPTION
9082-1	Small Battery Box. Black, vented style. Inside dimensions: 8-1/4" x 5-1/2" x 7-7/8".
9065-1	Standard Battery Box. Black, vented style. Inside dimensions: 11-1/8" x 7-3/4" x 10-1/8". Used for battery series 24/24M.
9069-1	Standard Battery Box (non-vented). Black, non-vented style. Same dimensions and same battery series as #9065-1.
9067-1	Series 27 Battery Box. Black, vented style. Inside dimensions: 13-7/8" x 7-1/4" x 10-1/2". Used for battery series 27/27F/27M.
9084-1	Large Battery Box. Black, vented style. Inside dimensions: 15-7/16" x 7-1/8" x 9-3/4".

QUICK CABLE®

Battery Accessories

PART NO.	DESCRIPTION
302103	QuickHold battery hold-down, 8-5/8" min. - 14-3/4" max., carded
302102	QuickHold battery hold-down, 5-1/2" min. - 9" max., carded
302201	Adjustable universal cross bar type battery hold down
302203	Universal side type hold-down for side mount and end mount batteries
302120	Small battery tray, 11-1/4" x 8-1/4" I.D.
302121	Large battery tray, 13-3/4" x 7-5/8" I.D.

302103

302203

302120

QUICKCABLE®
Your Best Connection

GROTE

Battery Accessories

ADJUSTABLE BATTERY HOLD-DOWNS

•Heavy duty design bridges flush surface and raised vent batteries; adjusts and locks at precise 1/8" increments •Fibreglass reinforced polypropylene is rust and corrosion proof •Non-conductive - eliminates hold-down as source of shorts •Ideal for all applications - car, truck, bus, off-road as well as marine or recreational installations
Part No. 84-9288EA, Offset hold-down, 5-1/2" - 9" min/max extension.

HOLD DOWN SETS - L & J STYLE

•Use with vinyl coated steel battery trays •Long thread accommodates all crossbar/frame designs •"L" and "J" style bend eliminates any need to shift or remove battery •Sold as pair; hardware included
Part No. 84-9287PR, Hold-down "J" bolt set 8".
Part No. 84-9285PR, Hold-down "L" bolt set 10".
Part No. 84-9286PR, Hold-down "J" bolt set 10".

Grote
The first name in vehicle safety systems®

PERFORMANCE TOOL®

Battery Accessories

PART NO.	DESCRIPTION
W1692PC	Plastic Battery Tray - •Sturdy, acid resistant plastic will not rust •Fits standard size batteries •Installs easily.
W1691C	Universal Crossbar Hold-Down - •Heavy duty steel construction •Vinyl coated to resist corrosion •Designed to hold battery securely in tray •Fits battery groups 22F, 24, 27, and 60.
W1699C	Rubber Battery Hold-Down Strap - •Solid rubber construction with nylon inserts •Fits: Small Group: 1, 2, 2L, 17HF, 22F, 22FC, 23, 24, 24C, 24F, 24T, 42, 72, 74 Large Group: 4, 27, 27C, 27F, 29HR, 31, 77.
W1694C	8" J Style Battery Bolt - •Heavy gauge steel •Plated to resist corrosion
W1695C	10" J Style Battery Bolt - •Heavy gauge steel •Plated to resist corrosion
W1696C	12" J Style Battery Bolt - •Heavy gauge steel •Plated to resist corrosion
W1697C	10" L Style Battery Bolt - •Heavy gauge steel •Plated to resist corrosion

W1692PC

W1699C

W1691C

Battery Bolts

Performance Tool®

COLE HERSEE

Battery Isolators

BATTERY ISOLATORS FOR 12-36 VDC NEGATIVE GROUND ELECTRICAL SYSTEMS

•Isolate batteries to prevent the battery with the higher charge from draining into the battery with the lower charge •Allow two batteries to be charged simultaneously from a single power source •Contain solid state circuitry embedded in the insulation for efficient heat dissipation •Installation and wiring instructions included

42 AMP MAX. ALTERNATOR RATING
•Terminations: one #10 gauge 6" wire lead, two #16 gauge wire leads •Mounting: two 13/64" dia. holes •Size: 5"L x 3-1/4"W x 2-3/16"H
Part No. 48080.

70 AMP MAX. ALTERNATOR RATING
•Terminations: three 1/4" stud •Mounting: two 9/32" dia. holes •Size: 5"L x 3-1/4"W x 2-3/16"H
Part No. 48070.

90 AMP MAX. ALTERNATOR RATING
•Terminations: three 1/4" stud •Mounting: two 9/32" dia. holes •Size: 6-1/2"L x 3-1/4"W x 2-13/16"H
Part No. 48090.

Cole Hersee Co.

140 AMP MAX. ALTERNATOR RATING
•Terminations: three 5/16" stud •Mounting: four 9/32" dia. holes •Size: 6"L x 4-3/16"W x 3-11/32"H
Part No. 48120.

200 AMP MAX. ALTERNATOR RATING
•Terminations: three 5/16" stud •Mounting: four 9/32" dia. holes •Size: 8-1/2"L x 4-3/16"W x 3-13/32"H
Part No. 48160.

BATTERY ISOLATORS FOR USE WITH DELCOTRON SERIES CS ALTERNATORS
•Include an extra ignition connection terminal
•Connects to a terminal or wire that is switched by the ignition switch

140 AMP MAX. ALTERNATOR RATING
•Terminations:three 5/16" stud and one #10 stud •Mounting: four 9/32" dia. holes •Size: 6"L x 4-13/16"W x 3-11/32"H
Part No. 48122.

DOCAP
Power Inverter

150 WATT POWER INVERTER

•DC to AC portable power inverter •150 watts of continuous power •Overload protection •High grade thermal protection •Low battery shutdown •Peak surge power 450 watts •Modified sine wave •Ideal for all general purpose applications
Part No. 841-028.

DC TO AC POWER INVERTER

•300 watts of continuous power •Overload protection •High grade thermal protection •Low battery shutdown •Peak power surge capability to 600 watts •Modified sine wave •Ideal for cars, boats, trucks and RV's
Part No. 841-030.

600 WATT INVERTER

•DC to AC portable power inverter •Overload protection •High grade thermal protection •Low battery shutdown •Battery voltage:12Volt DC •Output voltage:115V AC •Output frequency: 60 HZ •Ideal for laptops, fax machines, fans, TV's, small appliances, microwave ovens
Part No. 841-032.

DOCAP

TRIPP•LITE POWERVERTER®
DC-to-AC Inverters

ULTRA COMPACT POWERVERTER®

Ultra compact PowerVerter Inverters provide affordable, spacesaving solutions for all mobile power applications. They pack reliable technology into a durable, lightweight aluminum housing small enough to store or mount inside any car, pick up, conversion van or trailer. Power all applications with the vehicle engine off or on.

FEATURES: •Easy DC Battery Connection - Cigarette lighter 12v DC plug (PV150, PV375) simply plug into any dashboard lighter or 12v DC outlet to draw power from your vehicle's battery. - Battery Clips and Cables (PV600) clip directly to vehicle or auxiliary batteries - Connectors for User-Supplied Cables (PV1800HF, PV1000HF).
•Cool, Continuous Operation - Up to two internal fans allow longer, cooler continuous inverter operation (except PV150)
•Easily Replaceable External Fuses - Commonly found, easily replaceable automotive type fuses in conjunction with internal sensing circuits protect your inverter and your battery from overload.
•Durable Aluminum Housing - Rugged to handle rough travel. Light enough to carry along.
•Battery Saver Alarm - Alerts you to low battery voltage level allowing you to safely shut down equipment and recharge your battery.
•Up to 3 AC Outlets - Accommodate all your electronic equipment.

TYPICAL APPLICATIONS: •RV Entertainment Centre - PV1800HF and PV1000HF models supply enough power and AC outlets to simultaneously run multiple pieces of equipment. PV600 model provides a portable solution for mobile entertainment. •Mobile Kitchen/Workshop - PV1800HF and PV1000HF models connected to a vehicle or auxiliary battery source can power a variety of kitchen appliances and power tools. Since they pack up to 1800 watts of power, you don't have to choose between a blender and a drill, run them simultaneously!
•Automotive Office -A PV375 plugged into a dashboard lighter provides enough power for a laptop and a colour inkjet printer, making it possible to print reports on the fly. •Recharging on the Road - The PV150 can be used to power or recharge cell phones, laptop computers, electric shavers, camcorders, portable CD players and many other devices from your dashboard lighter or 12V DC outlet.

PV3000HF*

PV700HF

PV375HF

PV150HF

Part No.	Input Voltage (DC)	Output Voltage (AC)	Output Frequency	Continuous Output Power	DC Connection	No. of 15 Amp Outlets	Size (H x W x D)
PV3000HF*	12 volts	120 volts	60Hz	3000 watts	User supplied cables	4	3.55 x 10.1 x 10.7"
PV1800HF	12 volts	120 volts	60Hz	1800 watts	User supplied cables	3	3.9 x 10 x 9.75"
PV1000HF	12 volts	120 volts	60 Hz	1000 watts	User supplied cables	3	3.9 x 6 x 12"
PV700HF	12 volts	120 volts	60 Hz	700 watts	User supplied cables	3	2.5 x 5 x 8"
PV375	12 volts	120 volts	60 Hz	375 watts	Lighter plug	2	1.75 x 4.5 x 6"
PV150	12 volts	120 volts	60 Hz	150 watts	Lighter plug	10 amp universal	1.75 x 3 x 6"

*Comes with remote (APSRM4)

TRIPP·LITE POWER PROTECTION

Continued on next page

DC-to-AC Inverters

HIGH SURGE POWERVERTER® PLUS INDUSTRIAL STRENGTH POWER

FEATURES: •High Peak Surge Output - Because they can meet high initial power demands, PowerVerter Plus Inverters can start and power motors from 1/8 horsepower (PV500FC) to 1 horsepower (PV2400FC).
•Automatic Overload Protection - If overload, PowerVerter systems automatically protect themselves from damage.
•Frequency Controlled Inverter Output - Allows devices dependent on tightly regulated AC line frequency (such as computers, VCRs, CD players, tape recorders and clocks) to operate with no irregularities.
•Battery Charge Meter - Shows the level of battery charge remaining.
•Load Meter - Displays the level of demand on the PowerVerter by attached equipment.
•Power Switch - Controls PowerVerter operation.
•Remote Control Options - PowerVerter Plus PV500FC and PV1250FC feature remote on/off ports. With the addition of a cable and on/off switch, these inverters can be turned on and off from a distance.
•Connection - PowerVerter Plus Inverters feature multiple AC outlets so that equipment may be plugged directly into them. Battery connections are made with user-supplied cables and fuses.
•Mounting - PowerVerter Plus Inverters are designed for permanent mounting on site or in vehicles. Mounting flanges or keyhole brackets allow for horizontal installation on rigid surfaces and mounting plates.

TYPICAL APPLICATIONS: •Truck Mount - A PV2400FC can be permanently mounted in a diesel truck, drawing on the 24V vehicle's battery to power lights, tools and communications equipment. •Camping Kitchen - A PV1250FC connected to a truck or RV battery can power all sorts of kitchen appliances: blenders, coffee makers, even microwaves. •On-Site Power -A PV2000FC can draw energy from vehicle batteries to power lights and small motors at construction sites, providing a quiet, ecological, economical alternative to gas powered generators. •Travelling Workshop - A PV500FC connected to a pick-up's battery can run drills, grinders and sawsalls, and can recharge cordless tools.

Part No.	Input Voltage (DC)	Output Voltage (AC)	Output Frequency	Continuous Output Power	Peak Surge Output Power	No. of 15 Amp Outlets	Size (H x W x D)
PV750FC	12 volts	120 volts	60Hz	750 watts	1125 watts	2	7 x 7 x 10"
PV1250FC	12 volts	120 volts	60 Hz	1250 watts	2500 watts	2	7 x 8.75 x 9"
PV2000FC	12 volts	120 volts	60 Hz	2000 watts	4000 watts	2	7.2 x 8.5 x 16.5"
PV2400FC	24 volts	120 volts	60 Hz	2400 watts	4800 watts	2	7.2 x 8.5 x 16.5"

APS POWERVERTER® AUTOMATIC UNINTERRUPTIBLE POWER FOR LARGE LOADS & CRITICAL EQUIPMENT

•Alternative Power Sources - APS PowerVerters are the best way to turn sporadic AC input into a constant, reliable power supply. These PowerVerters provide AC power to your equipment while utility power is available and charge an array of user-supplied DC batteries at the same time. When AC power is not available such as during blackouts APS PowerVerters quickly and automatically switch to providing connected equipment with frequency controlled AC power drawn from attached batteries.

TYPICAL APPLICATIONS: •Floating/Flying/Driving Power - Whether boating, flying or camping, connect an APS to a vehicle's battery to provide an uninterruptible power source for kitchen appliances, power tools or other electronic devices. •Blackout Protection - APS PowerVerter's automatic power switching provides instant AC power from battery when utility power fails. Connect emergency lights, flood pumps, coolers, heaters, cash registers or any other vital equipment.

Part No.	Input Voltage (DC)	Output Voltage (AC)	Output Frequency	Continuous Output Power	Peak Surge Output Power	No. of 15 Amp Outlets	Size (H x W x D)
APS1250	12 volts	120 volts	60Hz	1250 watts	2500 watts	2	7 x 8.25 x 9 "
APS2012	12 volts	120 volts	60 Hz	2000 watts	4000 watts	Hardwired	7.2 x 8.5 x 16.5"

AMBULANCE INVERTER/CHARGER

•Provide automatic, uninterruptible DC to AC power for critical equipment, plus battery recharging from shore power. With built in serious surge protection for sensitive EMS electronics
FEATURES: •Hospital grade GFCI outlets •Heavy duty AC surge protection •Hospital grade male plug •Over/under voltage protection •Remote on/off control •Remote battery level indicator •Remote inverter/shore power indicator •DC quick connection •3 stage charging •Heavy duty construction •Low battery shut down •Battery conservation load sensing •Intrinsic short circuit protection •Automatic transfer switch

Part No.	Input Voltage (DC)	Output Voltage (AC)	Output Frequency	Continuous Output Power	Peak Surge Output Power	No. of 15 Amp Outlets	Size (H x W x D)
EMS-1250UL	12 volts	120 volts	60Hz	1250 watts	2500 watts	2	7 x 8.75 x 9"

ACCESSORIES

Part No. APSRM-4, Remote control module - Includes remote module, face plate, 25ft. master override cord and 50 ft. remote control cord.

FLEX-A-PRENE
Welding Cable

Reel Size - 500 feet.
Temperature rating: -50 to + 90° C

Part No. EF-4, #4 600 volt neoprene 34 ga. Flex-A-Prene welding cable
Part No. EF-2, #2 600 volt neoprene 34 ga. Flex-A-Prene welding cable
Part No. EF-1, #1 600 volt neoprene 34 ga. Flex-A-Prene welding cable
Part No. EF-1/0, #1/0 600 volt neoprene 34 ga. Flex-A-Prene welding cable
Part No. EF-2/0, #2/0 600 volt neoprene 34 ga. Flex-A-Prene welding cable
Part No. EF-3/0, #3/0 600 volt neoprene 34 ga. Flex-A-Prene welding cable
Part No. EF-4/0, #4/0 600 volt neoprene 34 ga. Flex-A-Prene welding cable

TECHSPAN IND. INC.
Welding Cable

ta TECHSPAN AUTOMOTIVE

Reel Size - 25 feet.
Temperature rating: -40 to + 90° C

Neoprene Jacketed Welding Cable - Extra flexible multi-stranded copper conductor
•Resists oil and acids •Flame retardant
Part No. 76-9296RL, 2 gauge .496" o.d. 672 x .010" stranding.
Part No. 76-9295RL, 1 gauge .583" o.d. 840 x .010" stranding.
Part No. 76-9293RL, 1/0 gauge .640" o.d. 1083 x .010" stranding.
Part No. 76-9294RL, 2/0 gauge .700" o.d. 1274 x .010" stranding.

ARCTIC INDUSTRIAL
Booster Cables & Clamps

Copper-Core Cold Weather/Extra Flexible Welding Cable Leads - These cold weather booster cables are constructed with 1/0 cold weather neoprene rubber, 34 gauge cable that is super tough, super flexible, even at temperatures as low as -50°C. The core and jacket combine to offer superlative conductive capacity, strength and flexibility under the worst of working conditions.

Part No. XHDBC-12, 12 ft. set 800 amp heavy duty Arctic "Big Stud" booster cables
Part No. XHDBC-16, 16 ft. set 800 amp heavy duty Arctic "Big Stud" booster cables
Part No. XHDBC-20, 20 ft. set 800 amp heavy duty Arctic "Big Stud" booster cables
Part No. XHDBC-25, 25 ft. set 800 amp heavy duty Arctic "Big Stud" booster cables

TECHSPAN IND. INC.
Booster Clamps

ta TECHSPAN AUTOMOTIVE

74-9554PR

500 AMP EXTRA HEAVY DUTY CABLE CLAMPS
•Heavy gauge steel, nickel alloy plated •Complete with lugs, strain relief, bolts and nuts
•Clamps come with vinyl insulated hand grips •Sold as a pair
Part No. 76-9554PR.

800 AMP PROFESSIONAL QUALITY CABLE CLAMPS
•Super heavy duty, extra thick solid copper jaws ensure maximum conductivity •Heavy duty springs ensure a reliable connection •Epoxy coating prevents shock, resists heat and abrasion •Sold as a pair
Part No. 76-9555PR.

GROTE
Booster Cables & Clamps

BOOSTER CLAMPS
•Jaws grip battery posts, studs and side terminals •Insulated grips in both black and red •3 coil spring, over 50 lbs. of clamping pressure •Solid copper clamps •5/16" - 18 nut and bolt included.
Part No. 84-9280PR, Clamps, 400 amp., standard jaws - 1 red/1 black.
Part No. 84-9281PR, Clamps, 400 amp., parrot jaws - 1 red/1 black.
Part No. 84-9321EA, Clamps, 800 amp., parrot jaws - red.
Part No. 84-9322EA, Clamps, 800 amp., parrot jaws - black.

Grote The first name in vehicle safety systems

84-9280PR

84-9281PR

BOOSTER CABLES
•Cable construction of 100% fine stranded copper wire •Tangle-free design remains flexible even in cold weather •Heavy duty, zippered vinyl storage bag included
Part No. 84-9276EA, Cables, 4 ga. x 20 ft., 400 amp., standard jaws - 1 red/1 black pair.
Part No. 84-9277EA, Cables, 4 ga. x 20 ft., 400 amp., parrot jaws - 1 red/1 black pair.
Part No. 84-9278EA, Cables, 2 ga. x 18 ft., 400 amp., standard jaws - 1 red/1 black pair.
Part No. 84-9279EA, Cables, 4 ga. x 20 ft., 400 amp., plug in connector cables - 1 red/1 black.

84-9278EA

84-9279EA

PHILATRON

RRR/3171

Compact Jumper Cables

In times of emergency, TINY TIGER™ jumper cables can be used on: •Automobiles •Light Trucks •Buses •RVs •Boats •Motorcycles. It is compact and easy to handle. Advanced technology copper alloys and space-age cable insulation provide 80% more boosting power than many old style, bulky cables. The insulation is cold weather resistant down to -40° C •10 ft. set, blister packed
Part No. BC10-10.

In times of emergency, SUPER TIGER™ jumper cables can be used on: •Heavy Duty Trucks •Buses •RVs •Automobiles •Boats •Motorcycles. It is compact and easy to handle. Advanced technology copper alloys and space-age cable insulation provide 90% more boosting power than many old style, bulky cables. The insulation is cold weather resistant down to -40° C •10 ft. set, blister packed.
Part No. BC8-10.

Small enough to store in your glove compartment!

PROCORE

PCR/3304

Booster Cables

•Professional booster cables, manufactured with "no tangle" twin line construction •Packaged in a reusable canvas bag with a clear front.

PART NO.	GAUGE	LENGTH	CLAMPS	CLAMP TYPE	TEMP.	DESCRIPTION
25-0101	1 gauge	25 ft.	500 amp	Super HD Coated Elongated	-40°C	Heavy Duty Cable Set
25-0102	1 gauge	20 ft.	500 amp	Super HD Coated Elongated	-40°C	Heavy Duty Cable Set
25-0103	1 gauge	16 ft.	500 amp	Super HD Coated Elongated	-40°C	Heavy Duty Cable Set
25-0401	4 gauge	20 ft.	500 amp	HD Coated Elongated	-40°C	Medium Duty Cable Set
25-0402	4 gauge	20 ft.	500 amp	HD Coated Parrot	-40°C	Medium Duty Cable Set
25-0403	4 gauge	16 ft.	500 amp	HD Coated Elongated	-40°C	Medium Duty Cable Set
25-0404	4 gauge	16 ft.	500 amp	HD Coated Parrot	-40°C	Medium Duty Cable Set
25-0405	4 gauge	12 ft.	400 amp	Standard Clamp	-40°C	Standard Duty Cable Set
25-0601	6 gauge	12 ft.	400 amp	Standard Clamp	-40°C	Standard Duty Cable Set
25-0801	8 gauge	12 ft.	200 amp	Standard Clamp	-40°C	Standard Duty Cable Set

Booster Cable Clamps

Part No. 25-5520, 1 pair blister card, 200 amp Standard Clamp
Part No. 25-5545, 1 pair blister card, 400 amp HD Coated Parrot
Part No. 25-5550, 1 pair blister card, 500 amp Super HD Coated Elongated
Part No. 25-5555, 1 pair blister card, 500 amp HD Coated Parrot
Part No. 25-5585, 1 pair blister card, 800 amp Solid Copper HD Parrot
Part No. 25-5586, 1 each bulk, 800 amp Red Solid Copper HD Parrot
Part No. 25-5587, 1 each bulk, 800 amp Black Solid Copper HD Parrot

25-5585

25-5545

25-5520

25-5555

25-5550

REMY INC.

DEL/1930/1931

Remanufactured Starters & Alternators

Specific details and vehicle application guides are available on request.

DIXIE ELECTRIC
Remanufactured Products

- *Alternators*
- *Marine Alternators*
- *Generators*
- *Tilt Motors*
- *Starter Motors*
- *Marine Starter Motors*

Components:

- *Armatures*
- *Rotors*
- *Regulators*
- *Solenoids*
- *Stators*
- *Starter Drives*

Please ask for further information on the Dixie Electric product line.

SIGNAL®
Heater Motors & Fans

SIG-103, Economy, 12V
SIG-106, Economy, 24V

FP-103, Matte Black, 12V
FP-106, Matte Black, 24V

FP-104

1812

Gregg Distributors carries the complete line of Signal Heater Motors and Fans. Specific details and vehicle application guides are available on request.

DOCAP
Signal Universal Electric Fans

UNIVERSAL ELECTRIC FANS

•Reversible blades for pusher or puller applications •Complete kits with mounting hardware
•O.E. replacement, supplemental or add-on cooling needs
Part No. 842-209, 9" universal electric fan, 1400 CFM push, 1350 CFM pull
Part No. 842-210, 10" universal electric fan, 1400 CFM push, 1350 CFM pull
Part No. 842-212, 12" universal electric fan, 1550 CFM push, 1450 CFM pull
Part No. 842-214, 14" universal electric fan, 2350 CFM push, 1800 CFM pull
Part No. 842-216, 16" universal electric fan, 2750 CFM push, 2450 CFM pull

DOCAP

NGK Spark Plugs

NGK spark plugs are used by 82% of the world's car manufacturers as original equipment! Research proves that NGK spark plugs deliver quicker starts, less fouling, and more efficient fuel economy.

STANDARD & RESISTOR SPARK PLUGS

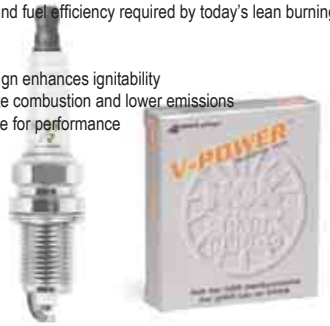
The workhorse, at the heart of smooth-running engines around the world. Available in standard or resistor.

- •OEM quality
- •Triple gasket sealing process
- •Consistent performance
- •Plug of choice in millions of vehicles

V-POWER™ SPARK PLUGS

Advanced V-groove centre electrode provides optimum performance and fuel efficiency required by today's lean burning engines.

- •OEM quality
- •V-groove design enhances ignitability
- •More complete combustion and lower emissions
- •Racer's choice for performance



IRIDIUM SPARK PLUGS

The next generation of spark plugs. NGK is a pioneer in Iridium Spark Plug design and manufacturing.

- •More durability and a higher melting point than platinum
- •Better centre electrode anti-oxidation and anti-erosion
- •Improved ignition
- •Superior anti-fouling
- •Lower required voltage
- •New metal shell plating process for better anti-corrsion

Please ask for further information on the NGK product line.

AC DELCO SPARK PLUGS

The AC Spark Plug Numbering System

AC SPARK PLUG IDENTIFICATION TABLE

PREFIX

B ..... Series Gap
C ..... Commercial
CS ..... Chain Saw
F ..... Fine Line 14 mm 5/8" hex
M ..... Marine
MC ..... Motorcycle types (are now S)
LM ..... Lawn mower type
R ..... Resistor
S ..... Shielded (5/8-24 thread)
S ..... Sport Vehicle
SN ..... Snow Types (are now S)
TC ..... Tractor-Commercial (now C types)
V ..... Surface Gap

Prefix letters are sometimes combined — e.g. VB, CR.

SUFFIX

A ..... Clip Gap
C ..... Colder Version of M44 Plug
E ..... Special Design Electrode, Extended Tip
F ..... 1/2" (12.7 mm) reach
FF ..... 1/2" (12.7 mm) reach, fully threaded
G ..... Pin Gap (Cold Running)
J ..... Boot Release Agent, Anti-Seize Compound
K ..... Special Design
L ..... 7/16" (11.1 mm) reach
LT ..... Long reach, .715" (18.16 mm), Tapered Seat
M ..... Special Design Electrode
S ..... Extended Tip
S ..... 7/8" (22.3 mm) Moderate Long reach 23/32" (18.25 mm)
T ..... Tapered Seat Shell Design
TS ..... Tapered seat with extended tip
X ..... Wide Gap (H.E.I.)
XL ..... Extra Long reach, 3/4" (19 mm) fully threaded
Z ..... Special gap (usually denotes wide gap)
Z ..... European applications
6 ..... 0.060" (1.5 mm) gap
8 ..... 0.080" (2 mm) gap

600 ..... Resistor Type
900 ..... Platinum Type

Suffix letters are combined to form such AC suffix designations as: XLS, TS, FFM, TSX, SZ, etc.

NUMBERING

1st number denotes THREAD SIZE:

4 = 14 mm 2 = 1/2" taper
8 = 18 mm 5 = 1/2"
10 = 10 mm 6 = 3/4"
12 = 12 mm 7 = 7/8"

2nd number denotes HEAT RANGE

0-1-2-3-4-5-6-7-8-9
COLD----------HOT

The higher the second digit, the "hotter" the plug; the lower the last digit, the "cooler" the plug (except Z types). (The numbering of Z type plugs is opposite to that for other types and the heat rating is indicated by the last two digits: the higher the number, the cooler the plug.)

Prefix and suffix letters are used to identify a specific type of AC Spark Plug — the numbers relate to thread size and heat range. For example, the R43TS spark plug shown is:

R = Resistor
4 = 14 mm Thread
3 = Heat Range
T = Taper Seat
S = Extended Tip

ACDelco Spark Plugs
•For all vehicle makes •Original Equipment on GM vehicles •Solid, consistent performance •Designed for overall everyday reliability •Monolithic glass-seal design prevents harmful compression leakage

ACDelco RAPIDFIRE®
•For everyday vehicles •Up to 18% quicker throttle response •Up to 27% smoother idle •Up to 17% greater corrosion protection •Up to 2% greater fuel economy •Fast, consistent starts in all weather

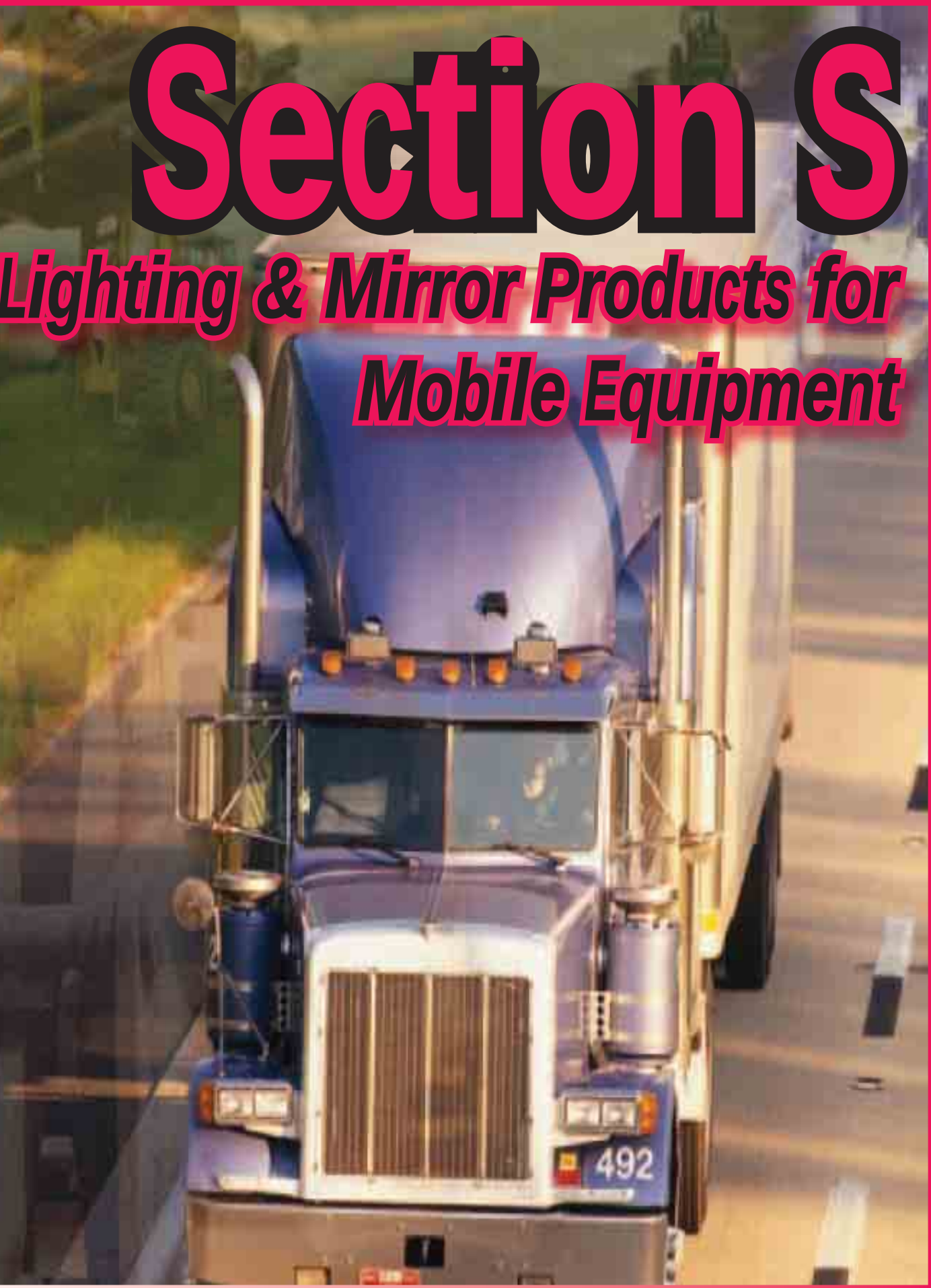
ACDelco Dual-Life Platinum Spark Plugs
•Long life, high efficiency performance spark plug •Proven to last for 160,000 km •Maximum efficiency and engine performance •Makes vehicle care more maintenance free

ACDelco Glow Plugs
•Maintain ignition in all cylinders, improving throttle response and reducing exhaust emissions •Seal the combustion chamber to withstand combustion pressure as well as vibration and cycling forces of the engine •Speed the heat-up time to approximately 800°C •Help regulate the glow-plug-tip temperature with special resistive material •Provide faster engine start-up and eliminate plug overheating and failure

ACDelco Nonautomotive Spark Plugs
•Allow electric pulses of up to 25,000 volts to pass through them •Spark more than 80 times per second, with some engine speeds approaching 10, 000 rpm •Seal the combustion chamber and withstand combustion pressure along with engine vibration and cycling forces •Are specially designed to perform under many unconventional, nonautomotive conditions

Section S

Lighting & Mirror Products for Mobile Equipment



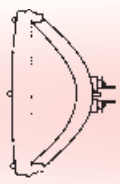
Look!
Fresh out of the crate!!
What's New In this Section?
We've highlighted new-product lines in this section with a "New" logo.
Please Note: Many existing product lines have been expanded and may not be listed on this quick index.
FRAGILE
HANDLE WITH CARE
Product Line
LED Miniature Bulbs S3
Gregg Distributors Ltd.
Section S

PHILIPS / SYLVANIA / GE / WAGNER

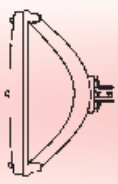
Sealed Beams

PART NO.	BULB	VOLTS	AMPS	WATTS	CANDLE POWER	LIFE HOURS	BASE*	APPLICATION
4000	PAR 46	12.8	2.93	37.5	–	200	3 Lug	Hi-Low Beam Headlamp
		12.8	4.69	60.0	–	320		
4001	PAR 46	12.8	2.93	37.5	–	200	2 Lug	Hi-Beam Headlamp
4013	PAR 46	6.4	3.91	25.0	900	300	Screw Term.	Tractor/Flood Lamp
4049	PAR 46	13.0	11.54	150.0	300,000	15	MP	Spot Lamp
4405	PAR 36	12.8	2.34	30.0	50000	100	MP	Auto Spot
4406	PAR 36	12.8	2.73	35.0	600	300	MP	Tractor Lamp
4411	PAR 36	12.8	2.73	35.0	4000	300	Screw Term.	Auto Tractor
4411-1	PAR 36	12.8	2.73	35.0	4000	300	2 Lug	Auto Tractor
4412	PAR 46	12.8	2.73	35.0	10000	300	MP	Auto Fog - Clear
4412A	PAR 46	12.8	2.73	35.0	8800	300	MP	Auto Fog - Amber
4413	PAR 46	12.8	2.73	35.0	1100	300	MP	Tractor Lamp
4414	PAR 36	12.8	1.41	18.0	1500	300	MP	Auto Signal
4415	PAR 36	12.8	2.73	35.0	9000	300	MP	Auto Fog - Clear
4415A	PAR 36	12.8	2.73	35.0	7000	300	MP	Auto Fog - Amber
4416	PAR 36	12.8	2.34	30.0	35000	300	MP	Auto Spot
4419	PAR 46	12.8	2.73	35.0	1600	300	MP	Tractor Lamp
4421	PAR 46	13.0	7.69	100.0	23000	300	MP	Auto Special Service
4435	PAR 46	12.8	2.34	30.0	45000	100	MP	Auto Spot
4440	PAR 36	12.8	3.13	40.0	6000	320	3 Lug	Tractor Lamp
		12.8	3.13	40.0	4500	320		
4478	PAR 46	13.0	4.62	60.0	1600	800	2 Lug	C.I.M. Floodlamp
4502	PAR 36	28.0	1.79	50.0	10000	400	MP	Auto, Aviation, Military Headlamp
4505	PAR 36	28.0	1.79	50.0	45000	400	MP	Aviation Passing
4509	PAR 36	13.0	7.69	100.0	110,000	25	MP	Aviation Landing
4531	PAR 46	12.5	3.20	40.0	30000	400	MP	Auto, Military Headlamp
4537-2	PAR 46	13.0	7.69	100.0	200,000	25	MP	Aviation Landing
4546	PAR 36	4.7	.11	0.5	4000	100	MP	Hand Lantern
4570	PAR 46	28.0	5.36	150.0	32000	300	MP	Aviation Taxiing
4571	PAR 46	28.0	5.36	150.0	7000	300	Screw Term.	Special Service Floodlamp
4578	PAR 46	28.0	2.14	60.0	1600	800	2 Lug	C.I.M. Floodlamp
4579	PAR 46	28.0	2.86	80.0	24000	400	3 Lug	C.I.M. Headlamp
		28.0	2.14	60.0	11000	400		
4589	PAR 36	28.0	1.79	50.0	5000	400	MP	Aviation Lamp
4636	REC 48	14.0	5.71	80.0	90000	200	MP	Signal Lamp
4651	REC 58	12.8	3.91	50.0	–	200	2 Lug	Hi-Beam Headlamp
4652	REC 58	12.8	4.69	60.0	–	320	3 Lug	Hi-Low Beam Headlamp
		12.8	3.13	40.0	–	200	3 Lug	Hi-Low Beam Headlamp
4800	PAR 56	28.0	1.79	50.0	19000	400	3 Lug	Auto, Military Hi-Low Headlamp
		28.0	1.43	40.0	11000	400		
4825R	PAR 36	28.0	1.79	50.0	200	200	3 Term	Signal/Tail Lamp - Red
		28.0	.65	18.0	40	200		
4880	PAR 46	28.0	2.15	60.0	6000	800	2 Lug	C.I.M. Headlamp
4921	REC 58	13.0	7.69	100.0	–	300	MP	Truck Special Service Lamp
5001	PAR 46	12.8	3.91	50.0	–	200	2 Lug	Fleet Service Hi-Beam Headlamp
6006	PAR 56	6.1	8.20	50.0	–	300	3 Lug	Hi-Low Beam Headlamp
		6.2	6.45	40.0	–	500		(Aimer Buttons on Lens)
6014	PAR 56	12.8	4.69	60.0	–	200	3 Lug	Hi-Low Beam Headlamp
		12.8	3.91	50.0	–	320		
6015	PAR 56	12.8	4.69	60.0	–	300	3 Lug	Truck Heavy Duty Hi-Low Beam Headl.
		12.8	3.91	50.0	–	500		
6052	REC 68	12.8	5.08	65.0	–	150	3 Lug	Hi-Low Beam Headlamp
		12.8	4.30	55.0	–	320		
7400	PAR 36	12.8	2.73	35.0	35000	300	MP	Rotating Beacon, Auto Spot

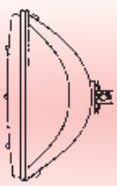
*MP - Multi-Purpose Terminal



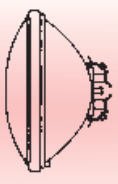
REC-58
2 CONTACT LUGS



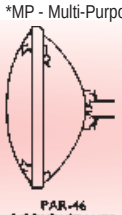
REC-58
3 CONTACT LUGS



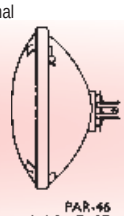
REC-48
3 CONTACT LUGS



PAR-46
MULTIPURPOSE



PAR-46
2 CONTACT LUGS

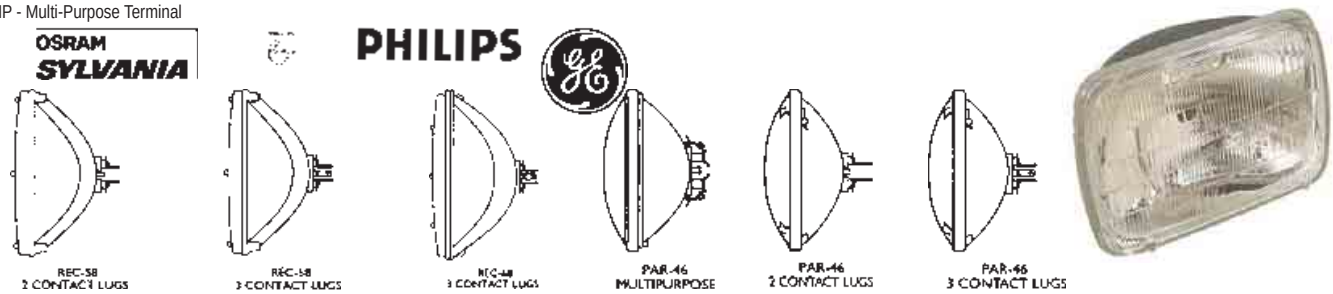


PAR-46
3 CONTACT LUGS

Sealed Beams

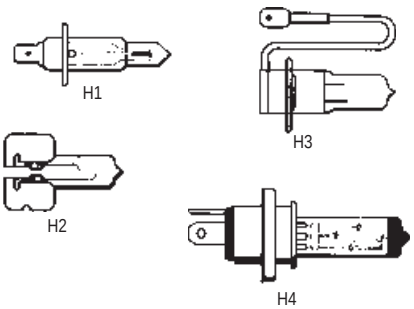
PART NO.	BULB	VOLTS	AMPS	WATTS	CANDLE POWER	LIFE HOURS	BASE*	APPLICATION
H4351	REC 46	12.8	4.30	55.0	22000	500	2 Lug	Halogen Low-Beam Headlamp
H4352	REC 46	12.8	5.08	65.0	45000	150	2 Lug	Halogen Hi-Beam Headlamp
H4651	REC 58	12.8	3.91	50.0	–	200	2 Lug	Halogen Hi-Beam Headlamp
H4656	REC 58	12.8	2.73	35.0	–	200	3 Lug	Halogen Hi-Low Beam Headlamp
		12.8	2.73	35.0	–	320		
H4656HV	REC 58	12.8	3.13	40.0	-	200	3 Lug	Halogen Hi Vision Hi-Low Beam
		12.8	4.30	55.0	-	700		
H4656LL	REC 58	12.8	2.73	35.0	–	900	3 Lug	Fleet Service Long Life Halogen Hi-Lo
		12.8	2.73	35.0	–	2000		Beam Headlamp
H4656XV	REC 58	12.8	4.58	55.0	28580	850	3 Lug	Xtra Vision Halogen
		12.8	2.92	35.0	28580	200		Hi-Low Beam Headlamp
H4666	REC 58	12.8	5.08	65.0	–	150	3 Lug	Halogen Hi-Low Beam Headlamp
		12.8	3.52	45.0	–	320		
H4701	REC 48	14.0	4.65	65.0	–	150	2 Lug	Halogen Hi-Beam Headlamp
H4703	REC 48	14.0	3.93	55.0	–	320	2 Lug	Halogen Low-Beam Headlamp
H5001	PAR 46	12.8	3.91	50.0	–	200	2 Lug	Halogen Hi-Beam Headlamp
H5006	PAR 46	12.8	2.73	35.0	–	200	3 Lug	Halogen Hi-Low Beam Headlamp
		12.8	2.73	35.0	–	320		
H6017	PAR 56	12.8	4.69	60.0	–	200	3 Lug	Halogen Hi-Low Beam Headlamp
		12.8	2.73	35.0	–	320		
H6024XV	PAR 56	12.8	4.58	55.0	–	850	3 Lug	Xtra Vision Halogen
		12.8	5.41	65.0	–	200		Hi-Low Beam Headlamp
H6054	REC 68	12.8	5.08	65.0	–	150	3 Lug	Halogen Hi-Low Beam Headlamp
		12.8	2.73	35.0	–	300		
H6054HV	REC 68	12.8	5.08	65.0	28580	150	3 Lug	Halogen Hi Vision Hi-Low Beam
		12.8	4.30	55.0	28580	700		Headlamp
H6054LL	REC 68	12.8	5.08	65.0	–	900	3 Lug	Fleet Service Long Life Halogen Hi-Lo
		12.8	2.73	35.0	–	2000		Beam Headlamp
H6054XV	REC 68	12.8	5.41	65.0	28580	200	3 Lug	Xtra Vision Halogen
		12.8	4.58	55.0	28580	850		Hi-Low Beam Headlamp
H7606	PAR 36	12.8	3.91	50.0	1000	400	Screw Term.	Halogen Tractor/Flood Lamp
H7609	PAR 46	12.8	3.91	50.0	2200	400	Screw Term.	Halogen Tractor Lamp
H7610	PAR 36	12.8	3.91	50.0	5200	400	Screw Term.	Halogen Tractor Lamp
H7619	PAR 46	12.8	3.91	50.0	6000	400	Screw Term.	Halogen Tractor Lamp
H7635	PAR 46	12.8	3.91	50.0	160,000	100	MP	Halogen Spot Lamp
H7935	REC 58	12.8	3.91	50.0	175,000	100	Slip-on Term.	Halogen Spot Lamp
H9405	REC 48	12.8	3.91	50.0	100,000	100	2 Lug	Halogen Spot Lamp
H9406	REC 46/ 92 mm	12.8	3.91	50.0	1350	400	2 Lug	Halogen Tractor/Flood Lamp
H9411	REC 48	12.8	3.91	50.0	5400	400	2 Lug	Halogen Tractor Lamp
H9415	REC 48/ 92 mm	12.8	2.93	37.5	12000	200	2 Lug	Halogen Auto Fog Lamp
H9420	REC 48	12.8	3.91	50.0	47000	200	2 Lug	Halogen Driving Lamp
H9421	REC 48	12.8	3.91	50.0	14000	200	2 Lug	Halogen Truck Special Service Lamp

*MP - Multi-Purpose Terminal



Halogen Bulbs

PART NO.	TYPE	VOLTS	WATTAGE
12620	DUPLO	12	45/40
12258	H1	12	55
12454	H1	12	100
13258	H1	24	70
12311	H2	12	55
12507	H2	12	100
12336	H3	12	55
12455	H3	12	100
13336	H3	24	70
12342	H4	12	60/55
12569	H4	12	100/90
13342	H4	24	75/70



PHILIPS / SYLVANIA / GE / WAGNER

Halogen Bulbs - Carded

All bulbs are blister packaged 1 bulb per card.
Suffixes:
LL = Longer Life - Lasts 100% longer. Rated average life 850 hours.

WV = Weather Vision - Ideal for driving in rain, sleet, snow, fog and at night. A special coating on the bulb gives you good visibility in all kinds of weather.

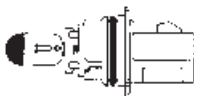
XV = Xtra Vision - 20 to 30% more light. Xtra Vision have filaments in a unique position to optimize light on the road.

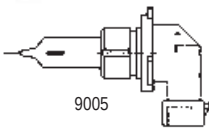
ST = SilverStar - Whitest, Brightest, Sharpest - SilverStar's colour temperature is a white hot 4000°K, far higher than other halogens. Shines with a luminance up to 20% greater than other halogens.

NH = Nighthawk - Conquer the darkness, and drive with the confidence that you upgraded to the leader in headlamp technology. GE Nighthawk provides the user the most cost effective solution in achieving the most light on the road without either changing your technology platform or compromising the integrity of your system by not meeting DOT or SAE specifications. In measurable terms, Nighthawk provides 30% more light than a standard halogen headlamp and where you need it most.

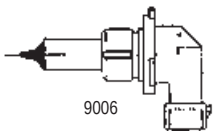
PART NO.	TYPE	VOLTS	WATTAGE
BP9003	T-5	12.8	67/60
BP9003XV	T-5	12.8	67/60
BP9003ST	T-5	12.8	67/60
BP9003NH	T-5	12.8	72/65
BP9004	T-4¾	12.8	65/45
BP9004LL	T-5	12.8	65/45
BP9004WV	T-5	12.8	65/45
BP9004ST	T-4¾	12.8	65/45
BP9004NH	T-4½	12.8	65/45
BP9005	T-4	12.8	65
BP9005XV	T-4	12.8	65
BP9005WV	T-4	12.8	65
BP9005ST	T-4	12.8	65
BP9005NH	T-4	12.8	65
BP9006	T-4	12.8	55
BP9006XV	T-4	12.8	55
BP9006WV	T-4	12.8	55
BP9006ST	T-4	12.8	55
BP9006NH	T-4	12.8	65
BP9007	T-4¾	12.8	65/55
BP9007XV	T-4¾	12.8	65/55
BP9007ST	T-4¾	12.8	65/55
BP9007NH	T-4¾	12.8	65/55
BPH11-55	T-3½	13.2	55
BPH755	T-3¼	13.2	56
BPH9-65	T-3½	13.2	65

SUFFIXES:
BV = Blue Vision
LL = Longer Life
XV = Xtra Vision


9004/9007


9005

9003


9006

Halogen Bulbs

PART NO.	TYPE	VOLTS	WATTAGE
9003	T-5	12.8	67/60
9004	T-4¾	12.8	65/45
9004BV	T-5	12.8	65/45
9004XV	T-5	12.8	65/45
9004LL	T-5	12.8	65/45
9005	T-4	12.8	65
9005BV	T-4	12.8	65
9005XSLL	T-4	12.8	65
9006	T-4	12.8	55
9006BV	T-4	12.8	55
9006XSLL	T-4	12.8	55
9007	T-4¾	12.8	65/55
9008	H13	12	60/55
9011	T-3¼	12.8	65

Hamsar Import Halogen Bulbs

PART NO.	TYPE	VOLTS	WATTAGE
10-448	H1	12	55
10-466	H1	24	70
10-481	H1	12	100
10-493	H1	24	100
10-479	H2	12	55
10-480	H2	12	100
10-482	H2	24	70
10-453	H3	12	55
10-460	H3	24	70
10-461	H3	24	65
10-483	H3	12	100
10-492	H3	12	130

PART NO.	TYPE	VOLTS	WATTAGE
10-495	H3	24	100
10-472	H4	12	60/55
10-473	H4	12	100/55
10-484	H4	12	100/80
10-490	H4	12	130/90
10-590	H4	12	160/100
10-9004	H6	12	65/45
10-9005	H6	12	65
10-9006	H6	12	55
10-9007	H6	12	65/55
10-9004HW	H6	12	100/55
10-9004UHW	H6	12	100/80

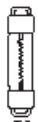
LED Miniature Bulbs

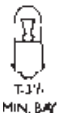
Part No. 73-5398EA, LED 1157 replacement bulb.
Part No. 73-5399EA, LED 1156 replacement bulb.

PHILIPS / SYLVANIA / GE / WAGNER

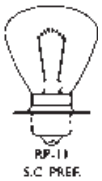
Miniature Bulbs

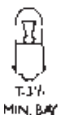
PART NO.	VOLTS	AMPS	WATTS	CANDLE POWER	LIFE HOURS	BASE	BULB
C5W	13.5	.37	5.00	3.60	450	SV8.5/8	Festoon
DE3022	13.0	.39	5.00	2.94	300	Cone Shaped Caps	–
DE3175	13.0	.77	10.0	9.55	500	Cone Shaped Caps	-
KPR113	4.80	.75	3.60	4.06	20	S.C. Min. Flng.	B-3½
P21W	13.5	1.85	25.0	36.6	250	S.C. Bay.	S-8
P21/4W	13.5	1.85	25.0	35.0	100	D.C. Index	S-8
	13.5	.37	5.00	1.20	100		
P21/5W	13.5	1.85	25.0	35.0	250	D.C. Index	S-8
	13.5	.44	5.90	2.80	1000		
PR-2	2.38	.50	1.19	0.80	15	S.C. Min. Flng.	B-3½
PR-3	3.57	.50	1.79	1.50	15	S.C. Min. Flng.	B-3½
PR-4	2.33	.27	0.63	0.40	10	S.C. Min. Flng.	B-3½
PR-6	2.47	.30	0.74	0.45	30	S.C. Min. Flng.	B-3½
PR-12	5.95	.50	2.98	3.00	15	S.C. Min. Flng.	B-3½
PR-13	4.75	.50	2.38	2.00	15	S.C. Min. Flng.	B-3½
PY21W	13.5	1.85	25.0	22.3	250	S.C. Bay.	S-8
R10W	13.5	.74	10.0	10.0	400	S.C. Bay.	G-6
T4W	13.5	.30	4.10	2.80	450	Min. Bay.	T-2¾
W5W	13.5	.37	5.00	4.00	300	Wedge	T-3¼
24	14.0	.24	3.36	2.00	1500	Wedge	T-2½
37	14.0	.09	1.30	0.50	2500	Wedge	T-1¾
44	6.30	.25	1.58	0.90	3000	Min. Bay.	T-3¼
51	7.50	.22	1.65	1.00	1000	Min. Bay.	G-3½
53	14.4	.12	1.73	1.00	1000	Min. Bay.	G-3½
55	7.00	.41	2.80	2.00	500	Min. Bay.	G-4½
57	14.0	.24	3.36	2.00	500	Min. Bay.	G-4½
63	7.00	.63	4.41	3.00	1000	S.C. Bay.	G-6
67	13.5	.69	7.97	4.00	5000	S.C. Bay.	G-6
68	13.5	.59	7.97	4.00	5000	D.C. Bay.	G-6
73	14.0	.08	1.12	0.30	15000	Wedge	T-1¾
74	14.0	.10	1.40	0.70	500	Wedge	T-1¾
89	13.0	.58	7.50	6.00	750	S.C. Bay.	G-6
90	13.0	.58	7.50	6.00	750	D.C. Bay.	G-6
93	12.8	1.04	13.31	15.0	700	S.C. Bay.	S-8
94	12.8	1.04	13.31	15.0	700	D.C. Bay.	S-8
97	13.5	.69	9.32	4.00	5000	S.C. Bay.	G-6
105	12.8	1.0	12.8	12.0	500	S.C. Bay.	B-6
158	14.0	.24	3.40	2.0	500	Wedge	T-3¼
161	14.0	.19	2.66	1.00	4000	Wedge	T-3¼
168	14.0	.35	4.90	3.00	1500	Wedge	T-3¼
193	14.0	.33	4.62	2.00	5000	Wedge	T-3¼
194	14.0	.27	3.78	2.00	2500	Wedge	T-3¼
194A	14.0	.27	3.78	-	2500	Wedge	T-3¼
198	12.8	2.25	28.8	32.0	1200	D.C. Index	S-8
	14.0	.68	9.52	3.00	5000		
199	12.8	2.25	28.8	32.0	1200	S.C. Bay.	S-8
211-2	12.8	.97	12.42	12.0	1000	Dbl. End Cap	T-3
212-2	13.5	.74	10.0	6.00	2000	Dbl. End Cap	T-3
222	2.25	.25	0.56	-	5	Min. Screw	TL-3
259	6.30	.25	1.58	0.65	5000	Wedge	T-3¼
293	14.0	.33	4.62	2.00	5000	Min. Bay.	G-4½
303	28.0	.30	8.40	6.00	500	S.C. Bay.	G-6
307	28.0	.67	18.8	21.0	300	S.C. Bay.	S-8
313	28.0	.17	4.76	3.50	500	Min. Bay.	T-3¼
356	28.0	.17	4.76	3.50	500	Min. Bay.	G-3½
387	28.0	.04	1.12	0.30	7000	S.C. Mid. Flng.	T-1¾
456	28.0	.17	4.76	2.00	5000	Min. Bay.	G-4½
561	12.8	.97	12.41	12.0	1000	Dbl. Wedge	T-3
562	13.5	.74	10.0	6.00	2000	Dbl. Wedge	T-3
577	12.8	1.40	17.92	21.0	1000	Dbl. End Cap	T-4¾
623	28.0	.37	10.4	6.00	1000	S.C. Bay.	G-6
624	28.0	.37	10.4	6.00	1000	D.C. Bay.	G-6
631	14.0	.63	8.82	6.00	1000	S.C. Bay.	G-6
657	28.0	.08	2.24	0.62	15000	Wedge	T-3¼
755	6.30	.15	0.95	0.33	20000	Min. Bay.	T-3¼
795	12.8	3.91	50.0	108.0	200	S.C. Bay.	T-4
880	12.8	2.10	27.0	43.0	300	Axial	T-3¼
881	12.8	2.10	27.0	43.0	300	Right Angle	T-3¼
885	12.8	3.90	50.0	100.0	200	Axial	T-3¼
886	12.8	3.90	50.0	100.0	200	Right Angle	T-3¼
889	12.8	2.10	27.0	43.0	300	Right Angle	T-3¼
890	12.8	2.10	27.0	43.0	300	Axial	T-3¼
891	12.8	.63	8.00	11.0	500	G-4	T-3
893	12.8	2.93	37.5	75.0	200	Axial	T-3¼
894	12.8	2.93	37.5	75.0	200	Right Angle	T-3¼
899	12.8	2.93	37.5	60.0	1900	Axial	T-3¼





PHILIPS / SYLVANIA / GE / WAGNER
Miniature Bulbs

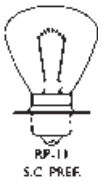




PART NO.	VOLTS	AMPS	WATTS	CANDLE POWER	LIFE HOURS	BASE	BULB
904	13.5	.69	9.32	4.00	5000	Wedge	T-5
906	13.0	.69	9.00	6.00	1000	Wedge	T-5
912	12.8	1.00	12.8	12.0	1000	Wedge	T-5
916	13.5	.54	7.3	2	10,000	Wedge	T-5
916NA	13.5	.54	7.3	1.5	10,000	Wedge	T-5
921	12.8	1.40	18.0	21.0	1000	Wedge	T-5
922	12.8	.98	12.5	15.0	200	Wedge	T-5
1003	12.8	.94	12.03	15.0	200	S.C. Bay.	B-6
1004	12.8	.94	12.03	15.0	200	D.C. Bay.	B-6
1073	12.8	1.80	23.04	32.0	200	S.C. Bay.	S-8
1076	12.8	1.80	23.0	32.0	200	D.C. Bay.	S-8
1129	6.40	2.63	16.83	21.0	200	S.C. Bay.	S-8
1141	12.8	1.44	18.43	21.0	1000	S.C. Bay.	S-8
1154	6.40	2.63	16.83	21.0	200	D.C. Index	S-8
	7.00	.75	5.25	3.00	1000		
1155	13.5	.69	9.32	4.00	5000	S.C. Bay.	G-6
1156	12.8	2.10	26.88	32.0	1200	S.C. Bay.	S-8
1156NA	12.8	2.10	26.9	24.0	1200	S.C. Bay.	S-8
1157	12.8	2.10	26.88	32.0	1200	D.C. Index	S-8
	14.0	.59	8.26	3.00	5000		
1157NA	12.8	2.10	26.88	24.0	1200	D.C. Index	S-8
	14.0	.59	8.26	2.20	5000		
1176	12.8	1.34	17.15	21.0	200	D.C. Bay.	S-8
	14.0	.59	8.26	6.00	1000		
1195	12.5	3.00	37.50	50.0	300	S.C. Bay.	RP-11
1251	28.0	.23	6.44	3.00	2000	S.C. Bay.	G-6
1252	28.0	.23	6.44	3.00	2000	D.C. Bay.	G-6
1445	14.4	.13	1.94	0.70	2000	Min. Bay.	G-3½
1449	14.0	.20	2.80	2.00	250	Min. Screw	G-3½
1662	28.0	.93	26.0	32.0	400	D.C. Index	S-8
	28.0	.34	9.50	6.00	1000		
1683	28.0	1.02	28.56	32.0	500	S.C. Bay.	S-8
1815	14.0	.20	2.80	1.40	3000	Min. Bay.	T-3¼
1816	13.0	.33	4.29	3.00	1000	Min. Bay.	T-3¼
1819	28.0	.04	1.12	0.34	2500	Min. Bay.	T-3¼
1820	28.0	.10	2.80	1.60	1000	Min. Bay.	T-3¼
1829	28.0	.07	1.96	1.00	1000	Min. Bay.	T-3¼
1850	5.0	.09	0.50	0.25	1500	Min. Bay.	T-3¼
1891	14.0	.24	3.36	2.00	500	Min. Bay.	T-3¼
1893	14.0	.33	4.62	2.00	7500	Min. Bay.	T-3¼
1895	14.0	.27	3.78	2.00	2000	Min. Bay.	G-4½
2033	13.5	.22	3.00	2.50	2000	P.R. Circuit	T-2¼
2040	12.8	.63	8.00	10.5	500	Wedge	T-2¼
2057	12.8	2.10	26.88	32.0	1200	D.C. Index	S-8
	14.0	.48	6.72	2.00	5000		
2057NA	12.8	2.10	26.88	24.0	1200	D.C. Index	S-8
	14.0	.48	6.72	1.50	5000		
2357	12.8	2.23	28.54	40.0	400	D.C. Index	S-8
	14.0	.59	8.26	3.00	5000		
2357NA	12.8	2.23	28.54	28.0	400	D.C. Index	S-8
	14.0	.59	8.26	2.20	5000		
2721	12.0	.10	1.20	0.60	1000	Wedge	T-1½
3057	12.8	2.10	26.88	32.0	1200	D.C. Wedge	S-8
	14.0	.48	6.72	2.00	1500		
3057NA	12.8	2.10	26.88	24.0	1200	D.C. Wedge	S-8
	14.0	.48	6.72	1.50	1500		
3156	12.8	2.10	26.88	32.0	1200	S.C. Wedge	S-8
3157FA	12.8	2.10	26.88	32.0	1200	D.C. Wedge	S-8
	14.0	.59	8.26	3.00	1500		
3157	12.8	2.10	26.9	32.0	1200	Plastic Wedge	S-8
	14.0	.59	8.30	3.00	5000		
3157KR	12.8	2.10	26.9	32.0	2000	Plastic Wedge	S-8
	14.0	.59	8.30	3.00	10,000		
3157NAKR	12.8	2.10	26.9	24.0	2000	Plastic Wedge	S-8
	14.0	.59	8.30	2.20	10,000		
3357	12.8	2.23	29.40	40.0	400	D.C. Wedge	S-8
	14.0	.59	8.26	3.00	5000		
3357NA	12.8	2.23	29.40	30.0	400	D.C. Wedge	S-8
	14.0	.59	8.26	2.20	5000		
3457	12.8	2.23	28.5	40.0	400	Plastic Wedge	S-8
	14.0	.59	8.30	3.00	5000		
3457KR	12.8	2.23	28.5	40.0	800	Plastic Wedge	S-8
	14.0	.59	8.30	3.00	10,000		
3457NA	12.8	2.23	28.5	30.0	400	Plastic Wedge	S-8
	14.0	.59	8.30	2.20	5000		

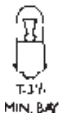
Miniature Bulbs

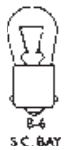
PART NO.	VOLTS	AMPS	WATTS	CANDLE POWER	LIFE HOURS	BASE	BULB
3496	12.8	2.10	26.9	43.0	600	D.C. Index	T-7
	14.0	.59	8.30	3.00	5000		
3497	12.8	2.10	26.9	45.0	600	S.C. Bay	T-7
3652	13.5	.37	5.00	6.00	700	Wedge	T-3¼
4157KR	12.8	2.23	28.6	32.0	3600	Plastic Wedge	S-8
	14.0	.59	8.30	3.00	10,000		
4157NAKR	12.8	2.23	28.6	24.0	3600	Plastic Wedge	S-8
	14.0	.59	8.30	2.20	10,000		
58540	13.5	.37	5.00	63.0	240	Min. Bay.	T-3
6411	12.0	.83	9.96	8.00	200	SV8.5	T-3¼
7440	13.5	1.85	24.9	37	300	Wedge	T-7
7443	13.5	1.85	24.9	35	500	Wedge	T-7
	13.5	.40	5.4	3	1000		
9145	12.8	3.50	45	65	1500	PY20D	T-4
13256	24.0	.13	3.00	–	1000	Mini Wedge	T-3¼
F4T5CW	–	–	4.00	–	6000	Min. BI Pin	T-5
F6T5CW	–	–	6.00	–	7500	Min. BI Pin	T-5



Miniature Bulbs – Carded (2 Bulbs/card)

PART NO.	VOLTS	AMPS	WATTS	CANDLE POWER	LIFE HOURS	BASE	BULB
BPDE3022	13.0	.39	5.00	2.94	300	Cone Shaped Caps	–
BPDE3175	13.0	.77	10.0	9.55	500	Cone Shaped Caps	-
BP53	14.4	.12	1.73	1.00	1000	Min. Bay.	G-3½
BP57	14.0	.24	3.36	2.00	500	Min. Bay.	G-4½
BP67	13.5	.69	7.97	4.00	5000	S.C. Bay.	G-6
BP89	13.0	.58	7.50	6.00	750	S.C. Bay.	G-6
BP90	13.0	.58	7.50	6.00	750	D.C. Bay.	G-6
BP97	13.5	.69	9.32	4.00	5000	S.C. Bay.	G-6
BP161	14.0	.19	2.66	1.00	4000	Wedge	T-3¼
BP168	14.0	.35	4.90	3.00	1500	Wedge	T-3¼
BP194	14.0	.27	3.78	2.00	2500	Wedge	T-3¼
BP194A	14.0	.27	3.78	-	2500	Wedge	T-3¼
BP211-2	12.8	.97	12.42	12.0	1000	Dbl. End Cap	T-3
BP561	12.8	.97	12.41	12.0	1000	Dbl. Wedge	T-3
BP570	12.8	2.1	27.0	-	600	Rigid Loop	T-4¾
BP906	13.0	.69	9.00	6.00	1000	Wedge	T-5
BP912	12.8	1.00	12.8	12.0	1000	Wedge	T-5
BP921	12.8	1.40	18.0	21.0	1000	Wedge	T-5
BP1003	12.8	.94	12.03	15.0	200	S.C. Bay.	B-6
BP1004	12.8	.94	12.03	15.0	200	D.C. Bay.	B-6
BP1073	12.8	1.80	23.04	32.0	200	S.C. Bay.	S-8
BP1141	12.8	1.44	18.43	21.0	1000	S.C. Bay.	S-8
BP1155	13.5	.69	9.32	4.00	5000	S.C. Bay.	G-6
BP1156	12.8	2.10	26.88	32.0	1200	S.C. Bay.	S-8
BP1157	12.8	2.10	26.88	32.0	1200	D.C. Index	S-8
	14.0	.59	8.26	3.00	5000		
BP1157NA	12.8	2.10	26.88	24.0	1200	D.C. Index	S-8
	14.0	.59	8.26	2.20	5000		
BP1445	14.4	.13	1.94	0.70	2000	Min. Bay.	G-3½
BP1893	14.0	.33	4.62	2.00	7500	Min. Bay.	T-3¼
BP1895	14.0	.27	3.78	2.00	2000	Min. Bay.	G-4½
BP2057	12.8	2.10	26.88	32.0	1200	D.C. Index	S-8
	14.0	.48	6.72	2.00	5000		
BP2057NA	12.8	2.10	26.88	24.0	1200	D.C. Index	S-8
	14.0	.48	6.72	1.50	5000		
BP2357	12.8	2.23	28.54	40.0	400	D.C. Index	S-8
	14.0	.59	8.26	3.00	5000		
BP2357NA	12.8	2.23	28.54	28.0	400	D.C. Index	S-8
	14.0	.59	8.26	2.20	5000		
BP3057	12.8	2.10	26.88	32.0	1200	D.C. Wedge	S-8
	14.0	.48	6.72	2.00	5000		
BP3057NA	12.8	2.10	26.88	24.0	1200	D.C. Wedge	S-8
	14.0	.48	6.72	1.50	5000		
BP3156	12.8	2.10	26.88	32.0	1200	S.C. Wedge	S-8
BP3357	12.8	2.23	29.40	40.0	400	D.C. Wedge	S-8
	14.0	.59	8.26	3.00	5000		
BP3357NA	12.8	2.23	29.40	30.0	400	D.C. Wedge	S-8
	14.0	.59	8.26	2.20	5000		





Headlamp Conversions & Accessories

Halogen European-Style Headlamps - for off-road use.
Single Kits Contain: (1) Lamp Unit, (1) Halogen Bulb H1 or H4 12Volt, (1) Silicon Dustcover
Twin Kits Contain: (2) Lamp Unit, (2) Halogen Bulb H1 or H4 12Volt, (2) Silicon Dustcover

SINGLE KIT NO.	TWIN KIT NO.	LAMP SIZE	WATTS	DESCRIPTION	REPL. LENS NO.	REPL. BULB NO.
				RECTANGULAR		
003427861	003427811	5-19/32" x 7-7/8"	60/55	200mm H4 Headlamp Kit - 2 headlamp system, high/low beam	118724300	12342
003177871	003177821	4-13/64" x 6-37/64"	55	165mm H1 Headlamp Kit - 4 headlamp system, high beam	128771300	12258
003177862	003177801	4-13/64" x 6-37/64"	60/55	165mm H4 Headlamp Kit - 4 headlamp system, high/low beam	108771300	12342
				ROUND		
002395991	—	7"	60/55	7" H4 Headlamp Kit - 2 headlamp system, high/low beam	-	12342
002425831	002425811	5¾"	55	5¾" H1 Headlamp Kit - 4 headlamp system, high beam	118524200	12258
002850871	002850811	5¾"	60/55	5¾" H4 Headlamp Kit - 4 headlamp system, high/low beam	118058200	12342

*All halogen conversion kits may be converted to 24 volt by using: H1 24Volt Bulb No. 13258 and H4 24Volt Bulb No. 13342.
Part No. 25001, Protective rubber boot.
Part No. 25002, 3 prong extension plug.

Driving & Fog Lamps

MODEL NO.	SINGLE LAMP NO.	KIT NO.	LAMP FUNCTION	LAMP SIZE & SHAPE	LENS NO.	STONE SHIELD NO.	HOUSING COLOUR	BULB NO.
220	H12300021	—	Driving	5-3/16" x 9-7/16" REC	138520011	138127001	Black	12336
220	H12300001	—	Clear Fog	5-3/16" x 9-7/16" REC	138555011	138127001	Black	12336
450	005860031	005860891	Driving	3½" x 6¼" REC	137006021	137000011	Black	12336
450	005860001	—	Clear Fog	3½" x 6¼" REC	137001021	137000011	Black	12336
450	005860021	—	Amber Fog	3½" x 6¼" REC	—	137000011	Black	12336
530	—	H13290601	Clear Fog	3½" x 7-3/8" REC	—	—	Black	12336
530	—	H13290621	Amber Fog	3½" x 7-3/8" REC	—	—	Black	12336
550	005700301	005700891	Driving	3¾" x 7-11/16" REC	135198011	H87037001	Black	12336
550	005700001	005700901	Clear Fog	3¾" x 7-11/16" REC	—	H87037001	Black	12336
550	005700021	005700881	Amber Fog	3¾" x 7-11/16" REC	—	H87037001	Black	12336

Model 220
Single Includes:
•(1) 220 Lamp
•(1) Bulb, H3 12V 55W
•(1) Stone Shield

All Models - mount upright or pendant

Model 450
Single Includes:
•(1) 450 Lamp
•(1) Bulb, H3 12V 55W
•(1) Stone Shield
Kit Includes:
•(2) 450 Lamps
•(2) Bulbs, H3 12V 55W
•(2) Stone Shields
•(1) Wiring Harness with switch and relay.
Complete mounting hardware.

Model 530
Kit Includes:
•(2) 530 Lamps
•(2) Bulbs, H3 12V 55W
•(1) Wiring Harness with switch and relay.
Complete mounting hardware.

Model 550
Single Includes:
•(1) 550 Lamp
•(1) Bulb, H3 12V 55W
Kit Includes:
•(2) 550 Lamps
•(2) Bulbs, H3 12V 55W
•(1) Wiring Harness with switch and relay.
Complete mounting hardware.

Work Lamps

Model AS115FF halogen work lamp. This lamp features the double FF reflector made of high-gloss vapour plated die cast aluminum mounted in a shock-proof black molded housing and glass lens. Lamp comes prewired and is able to mount on horizontal or vertical surfaces. 6¼" x 6-5/32" rectangular.

illumination pattern "A"

illumination pattern "C"

PART NO.	DESCRIPTION	ILLUMINATION PATTERN	REPLACEMENT BULB NO.	REPLACEMENT LENS
H15991047	Halogen work lamp, 12V	C	12336	998524011
H15991017	Halogen work lamp, 12V	A	12336	998524071
H15991141	Halogen work lamp, 24V (Boxed)	A	13336	998524071

HELLA®

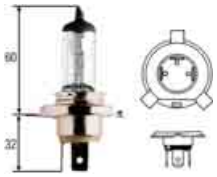
Interior Lamps

Part No. H26192031, Black interior lamp with adjustable shutter. Light is switched on/off mechanically when shutter angle is 45°. Optically designed clear lens. Surface wall mounting. 24V, 10 watt bulb included.

Part No. H83205011, Replacement bulb for interior lamp H26192031.

Special Application Lamps & Accessories

HIGH WATTAGE HALOGEN BULB
H4, 12V, high wattage bulb 100/80 watt.
Part No. H83140171.



ILLUMINATED PUSH-PULL SWITCH
Comes complete with red, orange, and green lenses.
Part No. 004778001.

PILOT INDICATOR LIGHTS
Part No. H22982001, Red.
Part No. H22984001, Amber.
Part No. H22985001, Green.

UNDER DASH MOUNTING PANEL
1 hole or 2 hole.
Part No. H84980011, 1 hole.
Part No. H84980021, 2 hole.

EUROPA HAZARD WARNING LAMP
10,000 ft. range.
Part No. 007146001.

SAFETY STROBES

Highway Safety Strobes

•Two modes: flashing/steady on •LED Lights 6-1/2" x 3-3/4" •Magnetic back •Fold out stand •Lasts longer than flares •Can be seen up to 2,500 feet away •Uses four AA batteries (not included).
Part No. SH501, Red .
Part No. SH501Y, Yellow.

HOBBS

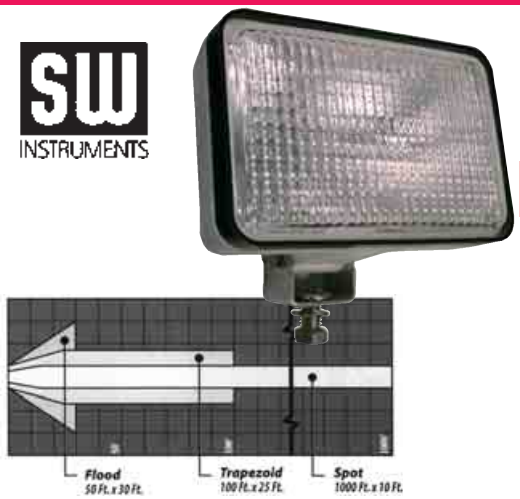
Halogen Lamps

4" X 6" HALOGEN LAMP ASSEMBLY
Dimensions: 4.49"H x 6.90"L x 3.78"W
Thread: 1/2-13 NC-2

PART NO.	BEAM PATTERN	VOLTAGE	CURRENT	REPLACEMENT SEALED BEAM
71898-11	Wide Flood	12V 50W	4 amp	71017-11
71902-11	Spot	12V 50W	4 amp	71794-11
71915-11	Trap	12V 50W	4 amp	71792-11
75237-11	HI-LO Driving	12V 35/60W	3/5 amp	75251-11
72540-11	Wide Flood	24V 60W	2.5 amp	72541-11
75109-11	Narrow Flood	24V 60W	2.5 amp	78856-11
72542-11	Trap	24V 60W	2.5 amp	72543-11
72544-11	Spot	24V 60W	2.5 amp	72545-11

4" X 6" Halogen

SW INSTRUMENTS



4" X 6" MARINE HALOGEN LAMP ASSEMBLY

White Body - Dimensions: 4.49"H x 6.90"L x 3.78"W
Thread: 1/2-13 NC-2

PART NO.	MNTG.	BEAM PATTERN	VOLTAGE	CURRENT	REPLACEMENT SEALED BEAM
72656-23	Flush	80° x 90° Flood	12V 50W	4 amp	72108-11
72715-23	Flush	Spot	12V 50W	4 amp	72719-15
71723-23	Stud	80° x 90° Flood	12V 50W	4 amp	72108-11
72716-23	Stud	Spot	12V 50W	4 amp	72719-15
72666-23	Flush	80° x 90° Flood	24V 60W	2.5 amp	72728-11
72717-23	Flush	Spot	24V 60W	2.5 amp	72720-11
72530-23	Stud	80° x 90° Flood	24V 60W	2.5 amp	72728-11
72718-23	Stud	Spot	24V 60W	2.5 amp	72720-11

3" X 5" Halogen

3" X 5" HALOGEN LAMP ASSEMBLY

Dimensions: 3.53"H x 5.89"L x 3.54"W
Thread: 1/2-13 NC-2

PART NO.	BEAM PATTERN	VOLTAGE	CURRENT	REPLACEMENT SEALED BEAM
73761-11	Wide Flood	12V 50W	4 amp	72408-11
77861-49*	Wide Flood	12V 50W	4 amp	72408-11
73762-11	Narrow Flood	12V 50W	4 amp	72573-11
73763-11	Trap	12V 50W	4 amp	72801-11
73764-11	Spot	12V 50W	4 amp	73804-11

*Lamp with built-in toggle switch

5" Round Halogen

5" ROUND HALOGEN LAMP ASSEMBLY

Dimensions: 5.25" Diameter x 3.72"W
Thread: 1/2-20 N.F.

PART NO.	BEAM PATTERN	VOLTAGE	CURRENT	REPLACEMENT SEALED BEAM
73468-01	Wide Flood	12V 50W	4 amp	70510-11
73469-01	Trap	12V 50W	4 amp	70729-01

PORTABLE WORK HALOGEN LAMPS

Portable work lamp operates from a cigarette lighter receptacle and features a magnetic base with 80 lbs. of pull-off force, 15 feet of cable, and a built-in switch. Perfect for farmers, contractors, utilities, truckers, sportsmen, or emergency uses. Sealed beam construction.
Part No. 80413, 3" x 5" flood lamp with handle.
Part No. 80510, 3" x 5" spot lamp with handle.
Part No. 80364, Handle - works with any Stewart Warner lamp.

EMERGENCY LIGHT

Magnetic trouble light that consists of a lamp assembly with an 18 ft. power cord. It features a smooth running reel enclosed in a tough, reinforced nylon housing with built-in on/off switch. Features: two lights in one—a compartment lamp and an emergency or trouble lamp. Wires easily to a 12 VDC power source. Includes mounting hardware and installation instructions.
Part No. 79550.

Heavy Duty Lighting & Mounting Accessories

- LED Lights - Lifetime Lighting
- Clearance & Marker Lights
- Bar Light Assemblies
- Cab Marker Lights
- Stop, Turn, & Tail Lighting
- Modules & Lighting Kits
- Turn Signal Lights
- Back-Up Lights
- License Lighting
- Bus Lighting
- Centre High Mounted Stop Lights
- Utility & Dome Lighting
- Replacement Lenses
- Mounting Accessories
- Sockets & Plugs

Please ask for further information on the line of Truck-Lite products.

- Marine Lighting & Accessories
- Warning & Emergency Lights
- Fog, Driving & Work Lights

Electronics

- Flashers
- Daytime Running Lights
- Turn Signal Switches
- Back-Up Alarms

Harness Systems & Accessories

- Trailer Connector Cords
- Receptacles & Accessories
- Harness Systems

Reflectors & Accessories

- Reflectors
- Accessories

Please ask for further information on the line of Truck-Lite products.

LED MODEL 10, 2½" CLEARANCE & MARKER LIGHTING
Part No. 10050R, Red, 12 volt, grommet mount lamp kit.
Part No. 10050Y, Yellow, 12 volt, grommet mount lamp kit.
Part No. 10250R, Red, 12 volt, lamp only.
Part No. 10250Y, Yellow, 12 volt, lamp only.

LED MODEL 30, 2" CLEARANCE & MARKER LIGHTING
Part No. 30050R, Red, grommet mount lamp kit.
Part No. 30050Y, Yellow, grommet mount lamp kit.
Part No. 30250R, Red, lamp only.
Part No. 30250Y, Yellow, lamp only.

LED MODEL 15, CLEARANCE & MARKER LIGHTING
Part No. 15250R, Red, 12 volt, lamp only.
Part No. 15250Y, Yellow, 12 volt, lamp only.

LED MODEL 19, CLEARANCE & MARKER LIGHTING
Part No. 19250R, Red, 12 volt, lamp only.
Part No. 19250Y, Yellow, 12 volt, lamp only.

LED MODEL 21, CLEARANCE & MARKER LIGHTING
Part No. 21251R, Red, 12 volt, lamp only.
Part No. 21251Y, Yellow, 12 volt, lamp only.

LED MODEL 35, CLEARANCE & MARKER LIGHTING
Part No. 35001R, Red, 12 volt, lamp kit.
Part No. 35001Y, Yellow, 12 volt, lamp kit.

LED SUPER 44, 4" STOP, TURN & TAIL LIGHTING
Part No. 44030R, Red, STT, grommet mount lamp kit.
Part No. 44302R, Red, STT, lamp only.
Part No. 44001Y, Yellow, rear turn, grommet mount lamp kit.
Part No. 44201Y, Yellow, rear turn, lamp only.
Part No. 44273Y, Yellow, 24 volt, rear turn, lamp only.
Part No. 44276Y, Yellow, 24 volt, rear turn, lamp and back flange.

LED MODEL 60, 6" STOP, TURN & TAIL LIGHTING
Part No. 66050R, Red, STT grommet mount lamp kit.
Part No. 66250R, Red, STT lamp only.
Part No. 60075Y, Yellow, AUX/M/T grommet mount lamp kit.
Part No. 60275Y, Yellow, AUX/M/T lamp only.

CLEARANCE & MARKER P LUG
Part No. 94862, Single plug assembly w/.180 bullet and #6 ground terminal.
Part No. 94888, Single plug w/.156 bullet and #6 ground terminal.

MODEL 33® LED MINI-MARKER LAMP
Part No. 33050R, Red, Grommet mount kit.
Part No. 33051R, Red, Flange mount kit.
Part No. 33250R, Red, Lamp only.
Part No. 33050Y, Amber, Grommet mount kit.
Part No. 33051Y, Amber, Flange mount kit.
Part No. 33250Y, Amber, Lamp only.
Part No. 33740R, Red, 3 lamp ID assembly 56".
Part No. 33700, Grommet.
Part No. 33800, Flange.
Part No. 33710, White polycarbonate plastic branch deflector.
Part No. 33711, Grey ABS plastic surface mounted deflector.

NEW!!

Truck-Lite Model 33® LED Mini Marker Lamp Lighting Features: •Worlds smallest LED marker lamp for the transportation industry •Exceeds P2 legal requirements •Not recommended for PC applications •Hardwired lamp design is easily retrofitted •LEDs draw less current, allowing more power for other vehicle requirements •Electronics are completely sealed in epoxy to resist corrosion and moisture •Offers trailer engineers and design manufactures new trailer and rear door structure design flexibility •Reduces lighting costs due to physical damage and heat entrapment

FULL PATTERN LIGHT OUTPUT LEDs
Truck-Lite LED Lighting with a full pattern light output design. Equipped with standard termination and a full, multiple diode light pattern. LED lamps are easy to retrofit outdated incandescent applications.

4" ROUND, STOP, TURN, & TAIL LAMPS
Part No. 4050, Red, 24 diode pattern.
Part No. 4050A, Yellow, 24 diode pattern.

6" OVAL, STOP, TURN, & TAIL LAMPS
Part No. 6050, Red, 24 diode pattern.
Part No. 6050A, Yellow, 24 diode pattern.

2" ROUND, CLEARANCE & MARKER LAMPS
Part No. 3050, Red, 10 diode pattern.
Part No. 3050A, Yellow, 10 diode pattern.

TRUCK-LITE
LED Lighting

FULL PATTERN LIGHT OUTPUT LEDs

Truck-Lite LED Lighting with a full pattern light output design. Equipped with standard termination and a full, multiple diode light pattern. LED lamps are easy to retrofit outdated incandescent applications.

2½" ROUND, CLEARANCE & MARKER LAMPS
Part No. 1050, Red, 13 diode pattern.
Part No. 1050A, Yellow, 13 diode pattern.

1.2" x 2.6" RECTANGULAR CLEARANCE & MARKER LAMPS
Part No. 1560, Red, 2 diode pattern.
Part No. 1560A, Yellow, 3 diode pattern.

1.25" x 3.9" RECTANGULAR CLEARANCE & MARKER LAMPS
Part No. 1960, Red, 4 diode pattern.
Part No. 1960A, Yellow, 4 diode pattern.

2" x 4" RECTANGULAR CLEARANCE & MARKER LAMPS
Part No. 2660, Red, 16 diode pattern.
Part No. 2660A, Yellow, 16 diode pattern.

ACCESSORIES
Part No. 94902, Marker lamp pigtail.
Part No. 94993, Right angle S/T/T plug.

Clearance & Marker Lighting

SUPER 10, 2½" SEALED LAMP WITH REFLECTOR
Part No. 10208R, Red, Super 10 lamp only.
Part No. 10208Y, Yellow, Super 10 lamp only.

MODEL 10, 2½" SEALED LAMP
Part No. 10205R, Red, 12 volt, reflectorized lamp only.
Part No. 10202R, Red, 12 volt, lamp only.
Part No. 10205Y, Yellow, 12 volt, reflectorized lamp only.
Part No. 10202Y, Yellow, 12 volt, lamp only.
Part No. 10202B, Blue, 12 volt, lamp only.
Part No. 10202G, Green, 12 volt, lamp only.
Part No. 10204R, Red, 24 volt, lamp only.
Part No. 10204Y, Yellow, 24 volt, lamp only.

MODEL 10, 2½" GROMMET MOUNT LAMP KIT
Part No. 10519R, Red, Model 10 lamp kit.
Part No. 10519Y, Yellow, Model 10 lamp kit.
Part No. 10525R, Red, Model 10 lamp kit with reflex.
Part No. 10525Y, Yellow, Model 10 lamp kit with reflex.

MODEL 10, 2½" BRANCH DEFLECTOR MOUNT LAMP KIT
Part No. 10520R, Red, Model 10 lamp kit.
Part No. 10520Y, Yellow, Model 10 lamp kit.

MODEL 10, 2½" BEEHIVE LAMP
Part No. 10203R, Red, 2½" lamp only.
Part No. 10203Y, Yellow, 2½" lamp only.
Part No. 10203B, Blue, 2½" lamp only.
Part No. 10203G, Green, 2½" lamp only.

MODEL 10, 2½" LED BEEHIVE LAMP
Part No. 10276R, Red, 2½" lamp only.
Part No. 10276Y, Yellow, 2½" lamp only.

MODEL 30, 2" SEALED LAMP
Part No. 30200R, Red, 12 volt, lamp only.
Part No. 30200Y, Yellow, 12 volt, lamp only.
Part No. 30200B, Blue, 12 volt, lamp only.
Part No. 30200G, Green, 12 volt, lamp only.
Part No. 30206R, Red, 24 volt, lamp only.
Part No. 30206Y, Yellow, 24 volt, lamp only.
Part No. 30206B, Blue, 24 volt, lamp only.
Part No. 30206G, Green, 24 volt, lamp only.

MODEL 30, 2" GROMMET MOUNT LAMP KIT
Part No. 30503R, Red, Model 30 lamp kit.
Part No. 30503Y, Yellow, Model 30 lamp kit.

MODEL 30, GROMMET MOUNT LAMP KIT
Part No. 30504R, Red, Model 30 lamp kit.
Part No. 30504Y, Yellow, Model 30 lamp kit.

MODEL 30, 2" BEEHIVE LAMP
Part No. 30201R, Red, lamp only.
Part No. 30201Y, Yellow, lamp only.

MODEL 15, RECTANGULAR SEALED LAMP
Part No. 15200R, Red, 12 volt, lamp only.
Part No. 15200Y, Yellow, 12 volt, lamp only.
Part No. 15201R, Red, 24 volt, lamp only.
Part No. 15201Y, Yellow, 24 volt, lamp only.

MODEL 15, BRANCH DEFLECTOR MOUNT KIT
Part No. 15001R, Red, Model 15 lamp kit.
Part No. 15001Y, Yellow, Model 15 lamp kit.

MODEL 15, HEADER MOUNT LAMP KIT
Part No. 15008R, Red, Model 15 lamp kit.
Part No. 15008Y, Yellow, Model 15 lamp kit.

MODEL 15, ADAPTER MOUNT LAMP KIT
Part No. 15506R, Red, Model 15 lamp kit, chrome.
Part No. 15506Y, Yellow, Model 15 lamp kit, chrome.

MODEL 19, DOUBLE BULB SEALED LAMP
Part No. 19200R, Red, Model 19 lamp only.
Part No. 19200Y, Yellow, Model 19 lamp only.

MODEL 19, BASE MOUNT LAMP KIT
Part No. 19001R, Red, Model 19 lamp kit w/grey base.
Part No. 19001Y, Yellow, Model 19 lamp kit w/ grey base.
Part No. 19002R, Red, Model 19 lamp kit w/grey base and mounted hot wire.
Part No. 19002Y, Yellow, Model 19 lamp kit w/ grey base and mounted hot wire.

SUPER 21, SEALED LAMP
Part No. 21001R, Red, 12 volt lamp w/ 96930 hot wire.
Part No. 21001Y, Yellow, 12 volt lamp w/ 96930 hot wire.
Part No. 21002R, Red, 12 volt lamp w/ reflector and 96930 hot wire.
Part No. 21002Y, Yellow, 12 volt lamp w/ reflector and 96930 hot wire.
Part No. 21200R, Red, 12 volt, lamp only.
Part No. 21200Y, Yellow, 12 volt, lamp only.
Part No. 21201R, Red, 12 volt lamp only, w/ reflector.
Part No. 21201Y, Yellow, 12 volt lamp only, w/ reflector.
Part No. 21205R, Red, 24 volt, lamp only.
Part No. 21205Y, Yellow, 24 volt, lamp only.

MODEL 12, SEALED LAMP
Part No. 12200R, Red, 12 volt lamp only.
Part No. 12200Y, Yellow, 12 volt lamp only.

MODEL 12, BRANCH DEFLECTOR MOUNT LAMP KIT
Part No. 12001R, Red, Model 12 lamp kit, w/ brown mount.
Part No. 12001Y, Yellow, Model 12 lamp kit, w/ brown mount.

MODEL 14, SEALED LAMP WITH REFLECTOR
Part No. 14200R, Red, 12 volt, lamp only.
Part No. 14200Y, Yellow, 12 volt, lamp only.
Part No. 14700, White, grommet only.
Part No. 14701, Black, grommet only.

MODEL 18, BULB REPLACEABLE LAMP WITH REFLECTOR
Part No. 18300R, Red, lamp kit.
Part No. 18300Y, Yellow, lamp kit.

Please ask for further information on the extensive line of Truck-Lite products, including accessories.

Clearance & Marker Lighting

MODEL 26, BULB REPLACEABLE LAMP WITH PLASTIC HOUSING
Part No. 26312R, Red.
Part No. 26312Y, Yellow.

MODEL 26, BULB REPLACEABLE LAMP
Part No. 1211, Red, w/ plastic housing.
Part No. 1211A, Yellow, w/ plastic housing.
Part No. 1203G, Green, w/ die cast housing.
Part No. 1203, Red, w/ die cast housing.
Part No. 1203A, Yellow, w/ die cast housing.

MODEL 26, BULB REPLACEABLE LAMP
Part No. 1259, Red.
Part No. 1259A, Yellow.
Part No. 1259B, Blue.
Part No. 1259G, Green.
Part No. 1264, Red, w/ reflector.
Part No. 1264A, Yellow, w/ reflector.

Please ask for further information on the extensive line of Truck-Lite products, including accessories.

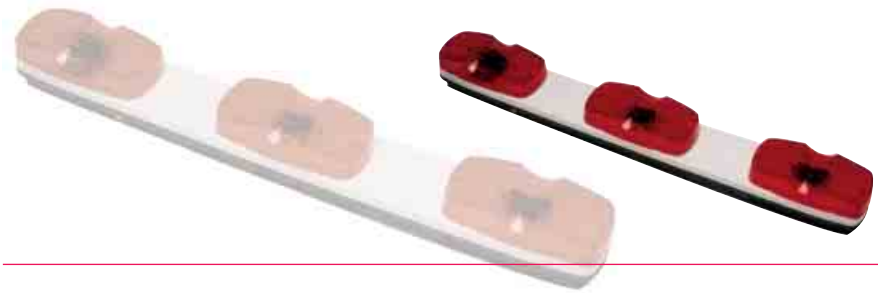
MODEL 26, BULB REPLACEABLE ARMORED LAMP
Part No. 26315R, Red.
Part No. 26315Y, Yellow.

Identification Bar Lighting

MODEL 15, PLASTIC ID BAR
Part No. 15745R, Red, 6" centres.

MODEL 15, STAINLESS STEEL ID BAR
Part No. 15741R, Red, 6" centres.

MODEL 10 & 30, METAL ID BAR
Part No. 10744R, Red, 6" centres.
Part No. 10745R, Red, 9" centres.
Part No. 30740R, Red, 6" centres.
Part No. 30742R, Red, 9" centres.



MODEL 26, BULB REPLACEABLE ID BAR
Part No. 1215, Red, black bar, 6" centres.
Part No. 1216, Red, white bar, 6" centres.
Part No. 1216A, Yellow, white bar, 6" centres.

Cab Marker Lighting

MODEL 26, BULB REPLACEABLE CAB MARKERS
Part No. 1319A, Yellow.

MODEL 25, BULB REPLACEABLE CAB MARKERS
Part No. 25760Y, Yellow.

MODEL 25, BULB REPLACEABLE CAB MARKERS
Part No. 25761Y, Yellow.

Cab Marker Lighting

MODEL 26, CONTOURED BULB REPLACEABLE CAB MARKERS
Part No. 26765R, Red, 12 volt.
Part No. 26765Y, Yellow, 12 volt.

MODEL 26, CHROME BULB REPLACEABLE CAB MARKERS
Part No. 26760Y, Yellow.

MODEL 26, BULB REPLACEABLE CAB MARKERS
Part No. 26771R, Red.
Part No. 26771Y, Yellow.

Please ask for further information on the extensive line of Truck-Lite products, including accessories.

Stop, Turn & Tail Lighting — Double Contact Bulb

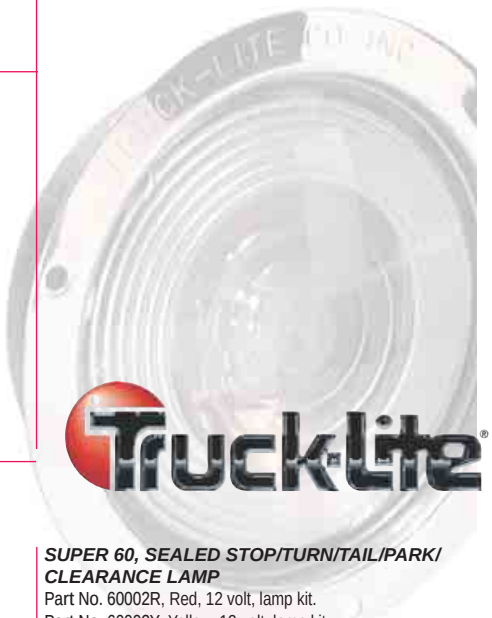
SUPER 40, 4" STOP/TURN/TAIL/PARK/ CLEARANCE LAMP
Part No. 40042R, Red, Super 40 lamp kit.
Part No. 40042Y, Yellow, Super 40 lamp kit.
Part No. 40048R, Red, Super 40 lamp kit w/ reflector.
Part No. 40242R, Red, sealed lamp only.
Part No. 40242Y, Yellow, sealed lamp only.
Part No. 40248R, Red, sealed lamp only w/ reflector.

MODEL 40, 4" SEALED STOP/TURN/TAIL/PARK/ CLEARANCE LAMP
Part No. 40002R, Red, 12 volt, lamp kit.
Part No. 40002Y, Yellow, 12 volt, lamp kit.
Part No. 40015R, Red, 12 volt, lamp kit w/ reflector.
Part No. 40202R, Red, 12 volt, lamp only.
Part No. 40202Y, Yellow, 12 volt, lamp only.
Part No. 40215R, Red, 12 volt, lamp only w/ reflector.
Part No. 40009R, Red, 24 volt, lamp kit.
Part No. 40009Y, Yellow, 24 volt, lamp kit.
Part No. 40209R, Red, 24 volt, lamp only.
Part No. 40209Y, Yellow, 24 volt, lamp only.

MODEL 40, 4" SEALED ECONOMY STOP/TURN/ TAIL LAMP
Part No. 40028R, Red, grommet mount kit.
Part No. 40285R, Red, lamp only, reflectorized.
Part No. 40282R, Red, lamp only.
Part No. 40282Y, Yellow, lamp only.

MODEL 80, 4" BULB REPLACEABLE STOP/ TURN/TAIL LAMP
Part No. 80334R, Red, w/ black steel housing.
Part No. 80335R, Red, w/ stainless steel housing.

MODEL 80, 4" BULB REPLACEABLE STOP/ TURN/TAIL LAMP
Part No. 80339R, Red.



Stop, Turn & Tail Lighting

SUPER 45, SEALED STOP/TURN/TAIL/PARK/ CLEARANCE LAMP
Part No. 45002R, Red, stop/turn/tail, lamp kit.
Part No. 45002Y, Yellow, front park and turn, lamp kit.
Part No. 45202R, Red, stop/turn/tail, lamp only.
Part No. 45202Y, Yellow, front park and turn, lamp only.
Part No. 45700, Super 45, grommet only.

SUPER 45, SEALED BACK-UP LAMP WITH REFLECTOR
Part No. 45204, Clear, lamp only w/ reflector.

SUPER 60, SEALED STOP/TURN/TAIL/PARK/ CLEARANCE LAMP
Part No. 60002R, Red, 12 volt, lamp kit.
Part No. 60002Y, Yellow, 12 volt, lamp kit.
Part No. 60202R, Red, 12 volt, lamp only.
Part No. 60202Y, Yellow, 12 volt, lamp only.
Part No. 60207R, Red, 24 volt, lamp only.
Part No. 60207Y, Yellow, 24 volt, lamp only.

MODEL 80, BULB REPLACEABLE STOP/TURN/ TAIL
Part No. 80462R, Red, w/o license window, 2 bolt.
Part No. 80463R, Red, w/ license window, 2 bolt.
Part No. 80461R, Red, w/ license window, universal.

MODEL 70, BULB REPLACEABLE PEDESTAL S/T/T/PARK LAMP
Part No. 70310R, Red.
Part No. 70311, Red/Yellow.

MULTI-FUNCTION W/ METRI PACK CONNECTOR - GM/IH/NAVISTAR
Part No. 5316Y101, Red, R.H. - w/o license.
Part No. 95000, Multi-function plug assembly.

MULTI-FUNCTION W/ METRI PACK CONNECTOR - G.M./I.H./NAVISTAR
Part No. 5315Y101, Red, universal w/ license.
Part No. 95000, Multi-function plug assembly.

THREE STUD UNIVERSAL W/ LICENSE ILLUMINATOR & DUAL OPTIC LENS
Part No. 4027, Red.

MODEL 80, BULB REPLACEABLE MULTI-FUNCTION GM-IH
Part No. 4018, Red, R.H. - G.M.
Part No. 4017, Red, L.H. - G.M.

MODEL 80, BULB REPLACEABLE MULTI-FUNCTION FORD
Part No. 80321R, Red, L.H. w/ Ford harness.
Part No. 80333R, Red, R.H. w/ Ford harness.

7-IN-1 COMBINATION
Part No. 80322R, Red, w/o license window.
Part No. 80324R, Red.

Please ask for further information on the extensive line of Truck-Lite products, including accessories.

Modules

STOP/TURN/TAIL MODULE
Part No. 40742, L.H. w/2 stop/turn/tail lamps.
Part No. 40743, R.H. w/2 stop/turn/tail lamps.

STOP/TURN/TAIL MODULE WITH FLANGE
Part No. 40746, L.H.
Part No. 40747, R.H.
Part No. 40722, Module box.

STOP/TURN/TAIL MODULE WITH SIDE MARKER
Part No. 40756, L.H., roadside.
Part No. 40757, R.H., curbside.

Turn Signal Lighting — Single Contact Bulb

MODEL 40, 4" SEALED TURN SIGNAL OR TAIL
Part No. 40001R, Red, 12 volt, lamp kit.
Part No. 40001Y, Yellow, 12 volt, lamp kit.
Part No. 40201R, Red, 12 volt, sealed lamp only.
Part No. 40201Y, Yellow, 12 volt, sealed lamp only.
Part No. 40208R, Red, 24 volt, sealed lamp only.
Part No. 40208Y, Yellow, 24 volt, sealed lamp only.

SUPER 60, OVAL SEALED TURN SIGNAL
Part No. 60001R, Red, lamp kit.
Part No. 60001Y, Yellow, lamp kit.
Part No. 60201R, Red, sealed lamp only.
Part No. 60201Y, Yellow, sealed lamp only.

MODEL 60, SEALED MID TRAILER SIDE TURN INDICATOR
Part No. 60015R, Red, lamp kit (rear).
Part No. 60015Y, Yellow, lamp kit.
Part No. 60215R, Red, sealed lamp only (rear).
Part No. 60215Y, Yellow, sealed lamp only.

Turn Signal Lighting — Single Contact Bulb

MODEL 22, SEALED SURFACE MOUNT SIDE TURN INDICATOR
Part No. 22002Y, Yellow, DC lamp kit.
Part No. 22002R, Red, DC lamp kit.
Part No. 22004Y, Yellow, DC lamp kit w/ gasket.
Part No. 22004R, Red, DC lamp kit w/ gasket.
Part No. 22006Y, Yellow, DC, sealed lamp and gasket only.
Part No. 22006R, Red, DC, sealed lamp and gasket only.
Part No. 22202Y, Yellow, DC, sealed lamp only.
Part No. 22202R, Red, DC, sealed lamp only.

MODEL 70, DOUBLE FACE TURN SIGNAL - FORD
Part No. 70352, L.H. chrome, E5HT-13201-AA.
Part No. 70353, R.H. chrome, E5HT-13200-AA.
Part No. 70356, L.H. black, E5HT-13201-AA.
Part No. 70357, R.H. black, E5HT-13200-AA.

DOUBLE FACE WITH SIDE MARKER - GM
Part No. 4872AA, Yellow.

DOUBLE FACE WITH SIDE MARKER - GMC
Part No. 4855, Red/Yellow - L.H.
Part No. 4854, Red/Yellow - R.H.

DOUBLE FACE WITH SIDE MARKER - INTERNATIONAL
Part No. 4842, Red/Yellow.

DOUBLE FACE UNIVERSAL STYLE
Part No. 4742, Red/Yellow, flat surface mount, vertical mount.
Part No. 4754, Red/Yellow, flat surface mount, horizontal mount.

Turn Signal Lighting

MODEL 70, PEDESTAL TURN SIGNAL
Part No. 70300, Red/Yellow, S.C.

MODEL 70, PEDESTAL TURN SIGNAL
Part No. 70330R, Red.
Part No. 70330Y, Yellow.

Please ask for further information on the extensive line of Truck-Lite products, including accessories.

Back-up Lighting

4" ROUND LED BACK-UP LAMP
•Uses standard right angle PL-3 connection •24 diode pattern
•Unique LED array displays a full pattern light output design
•Epoxy encapsulated electronics •Two lamps required for back-up
Part No. 4060C, Clear.

SUPER 40, 4" SEALED BACK-UP LAMP
Part No. 40044, Clear, grommet mount lamp kit.
Part No. 40244, Clear, sealed lamp only.

MODEL 40, 4" SEALED BACK-UP LAMP
Part No. 40004, Clear, 12 volt, lamp kit.
Part No. 40204, Clear, 12 volt, lamp only.

MODEL 60, SEALED BACK-UP LAMP
Part No. 60004C, Clear, lamp kit.
Part No. 60204C, Clear, sealed lamp only.

6" OVAL LED BACK-UP LAMP
•Uses standard right angle PL-3 connection •24 diode pattern
•Unique LED array displays a full pattern light output design
•Epoxy encapsulated electronics •Two lamps required for back-up
Part No. 6060C, Clear.

BULB REPLACEABLE BACK-UP LAMP
Part No. 20310C, Clear, flush mount with ground wire.
Part No. 20310Y, Yellow, flush mount with ground wire.

Back-Up Lighting

MODEL 80, BULB REPLACEABLE BACK-UP LAMP
Part No. 80342, Clear, w/ black steel housing.
Part No. 80344, Clear w/ stainless steel housing.

MODEL 80, UNIVERSAL BULB REPLACEABLE BACK-UP LAMP
Part No. 80340, Clear, lamp kit.

License Lighting

MODEL 15, RECTANGULAR SEALED LAMP
Part No. 15200C, Clear, utility lamp.
Part No. 15208, Clear, license plate lamp, 12 volt.
Part No. 15209, Clear, license plate lamp, 24 volt.

MODEL 15, LICENSE LAMP MOUNTING BRACKET
Part No. 15011, Lamp kit, grey
Part No. 15729, Mounting bracket only, grey

MODEL 17, SEALED LICENSE PLATE LAMP
Part No. 17001, Clear, lamp kit w/ 90 degree angle hot wire.
Part No. 17002, Clear, lamp kit w/ straight hot wire.
Part No. 17003, Clear, lamp kit w/ bracket.

MODEL 19, DOUBLE BULB SEALED LAMP
Part No. 19200C, Clear, utility lamp.
Part No. 19206, Clear, license plate lamp.

SUPER 21, SEALED LICENSE PLATE LAMP
Part No. 21004C, Clear, lamp kit.
Part No. 21204C, Clear, sealed lamp unit only.

MODEL 26, BULB REPLACEABLE LICENSE PLATE LAMP
Part No. 26330, Clear.

MODEL 26, BULB REPLACEABLE LICENSE PLATE/COURTESY LAMP
Part No. 26331, Clear.

MODEL 26, BULB REPLACEABLE LICENSE PLATE LAMP
Part No. 26335, Clear.

MODEL 26, BULB REPLACEABLE LICENSE PLATE/UTILITY LAMP
Part No. 26336, Clear.

MODEL 42, LICENSE PLATE BRACKET
Part No. 42722, License plate bracket.

Please ask for further information on the extensive line of Truck-Lite products, including accessories.

Utility & Dome Lighting

LARGE FLUORESCENT ROOM LAMP
Part No. 80418, Large fluorescent room lamp.

THIN-LITE
Part No. 80440, Small lamp, 16 watt 12VDC, 1.5 amps, uses two F8T5/CW fluorescent tubes, 800 design lumens.

MODEL 80, 5" BULB REPLACEABLE DOME LAMP
Part No. 80350, Clear w/ switch, chrome.
Part No. 80351, Clear, chrome.

MODEL 80, 7" BULB REPLACEABLE DOME LAMP
Part No. 80354, Clear w/ switch, chrome.
Part No. 80355, Clear, chrome.

MODEL 40, 4" SEALED DOME LAMP
Part No. 40003, Clear, lamp kit.
Part No. 40203, Clear, sealed lamp only.

SUPER 10, 2½" SEALED UTILITY LAMP
Part No. 10209C, Clear, lamp only.

MODEL 10, 2½" SEALED UTILITY LAMP
Part No. 10202C, Clear.

MODEL 30, 2" SEALED UTILITY LAMP
Part No.30200C, Clear.

84 SERIES SUPER STRIP LITE
NEW!!
•LED light source provides a more even light for truck cargo •Aluminum substrate won't rust •Less susceptible to shock and vibration •Reduces shadowed areas and increases visibility •Can be mounted most anywhere •LED's draw less current, creating less heat uses 12 diodes at 1.4 amps •Hard-wired with 16 ga. wires and molded
Part No. 84200C, 4 ft. corner mount.
Part No. 84205C, 4 ft. flat mount.
Part No. 84210C, 2 ft. corner mount.
Part No. 84215C, 2 ft. flat mount.

Please ask for further information on the extensive line of Truck-Lite products, including accessories.

Replacement Lenses

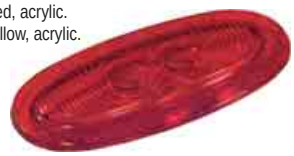
MODEL 80, 4" ROUND LENS
Part No. 99007R, Red, acrylic.
Part No. 99007Y, Yellow, acrylic.
Part No. 99007C, Clear, acrylic.

MODEL 80, 4" BACK-UP LENS
Part No. 99008C, Clear, polycarbonate.
Part No. 99008R, Red, polycarbonate.
Part No. 99008Y, Yellow, polycarbonate.

MODEL 26, BEEHIVE LENS
Part No. 99039R, Red, acrylic.
Part No. 99039Y, Yellow, acrylic.
Part No. 99039C, Clear, acrylic.
Part No. 99039B, Blue, acrylic.
Part No. 99039G, Green, acrylic.

3½" OBLONG LENS
Part No. 99041R, Red, acrylic.
Part No. 99041Y, Yellow, acrylic.

OBLONG LENS FOR BETTS
Part No. 99043R, Red, acrylic.
Part No. 99043Y, Yellow, acrylic.



3" ROUND LENS FOR BETTS
Part No. 99044R, Red, acrylic.
Part No. 99044Y, Yellow, acrylic.

MODEL 26, OBLONG LENS
Part No. 8933, Red, acrylic.
Part No. 8933A, Yellow, acrylic.

MODEL 26, OBLONG LENS
Part No. 9057, Red, acrylic.
Part No. 9057A, Yellow, acrylic.

MODEL 26, OBLONG LENS
Part No. 99050R, Red, polycarbonate.
Part No. 99050Y, Yellow, polycarbonate.

MODEL 26, OBLONG LENS
Part No. 99051R, Red, acrylic.
Part No. 99051Y, Yellow, acrylic.

MODEL 26, DOUBLE BULLS-EYE
Part No. 9007, Red, acrylic.
Part No. 9007A, Yellow, acrylic.
Part No. 9007B, Blue, polycarbonate.
Part No. 9007G, Green, polycarbonate.

MODEL 26, OBLONG M/C LENS
Part No. 9093, Red, acrylic.
Part No. 9093A, Yellow, acrylic.
Part No. 9093B, Blue, polycarbonate.
Part No. 9093G, Green, polycarbonate.

MODEL 26, CAB MARKER LENS
Part No. 99063R, Red, polycarbonate.
Part No. 99063Y, Yellow, polycarbonate.

MODEL 26, CAB MARKER LENS
Part No. 99066Y, Yellow, acrylic.

MODEL 26, CAB MARKER LENS
Part No. 99067R, Red, acrylic.
Part No. 99067Y, Yellow, acrylic.

MODEL 80, MULTI-FUNCTION LENS
Part No. 9071, Red, acrylic.

MODEL 80, MULTI-FUNCTION LENS
Part No. 9051, Red, acrylic.

MODEL 80, 5" DOME LENS
Part No. 99080C, Clear, polycarbonate.
Part No. 99082C, Clear w/ switch hole, polycarbonate.
Part No. 99082R, Red w/ switch hole, polycarbonate.

7" LENS
Part No. 99088C, Clear, acrylic.
Part No. 99088R, Red, acrylic.
Part No. 99088Y, Yellow, acrylic.

MODEL 70, 4" TAIL LENS
Part No. 99090R, Red, polycarbonate.
Part No. 99090Y, Yellow, polycarbonate.

MODEL 80, BACK-UP LENS
Part No. 99095C, Clear, acrylic.

TAIL LENS FOR BETTS 71 DEEP, 4"
Part No. 99101R, Red w/o license plate window, acrylic.

MODEL 26, ARMORED M/C LENS
Part No. 99111R, Red, acrylic.
Part No. 99111Y, Yellow, acrylic.

MODEL 81, TURN SIGNAL LENS
Part No. 9079, Red, acrylic, c/w gasket.
Part No. 9079A, Yellow, acrylic, c/w gasket.

MODEL 92, BEACON LENS
Part No. 99143Y, Yellow, polycarbonate.

MODEL 80, M/F LENS
Part No. 9049, Red, acrylic.

MODEL 26, C/M LENS
Part No. 9082, Red, polycarbonate.
Part No. 9082A, Yellow, polycarbonate.

BUS LENS, 7"
Part No. 99168R, Red, acrylic.
Part No. 99168Y, Yellow, acrylic.

Please ask for further information on the extensive line of Truck-Lite products, including accessories.

Mounting Accessories

GROMMET MOUNT KIT FOR 2½" LAMPS
Part No. 10401, Grommet mount kit, open back.
Part No. 10402, Grommet mount kit, closed back.
Part No. 10700, Wide groove grommet only, open back.
Part No. 10702, Wide groove grommet only, closed back.

3" GROMMET MOUNT KIT FOR 2½" LAMPS
Part No. 10404, Grommet mount kit.
Part No. 10704, 3" grommet mount only, black.

CAM-ON MOUNT KIT FOR 2" & 2½" LAMPS
Part No. 10410, Cam-on mount kit.

SURFACE GROMMET MOUNT KIT FOR 2½" LAMPS
Part No. 10412, Surface grommet mount kit, open back.
Part No. 10722, Surface mount only.

BRANCH DEFLECTOR MOUNT KIT FOR 2½" LAMPS
Part No. 10414, Branch deflector mount kit, grey.
Part No. 10725, Branch deflector mount only, grey.

"L" MOUNTING BRACKET FOR 2½" LAMPS
Part No. 10729, "L" bracket w/2 25/32" hole.
Part No. 10730, "L" bracket w/3" hole.

GROMMET MOUNT KITS FOR 2" LAMPS
Part No. 30401, Grommet mount kit, open back.
Part No. 30402, Grommet mount kit, closed back.
Part No. 30700, Grommet mount only, open back, black.
Part No. 30702, Grommet mount only, closed back w/ .75 exit hole dia., black.

SOCKETS & PLUGS
Part No. 94902, Marker clearance plug.
Part No. 94993, Right angle stop/turn/tail plug.
Part No. 94992, Right angle stop/turn plug.

Please ask for further information on the extensive line of Truck-Lite products, including accessories.

STAINLESS STEEL GROMMET COVER
Part No. 10740, Grommet cover, 2½" (dia. = 3.395).
Part No. 30713, Grommet cover, 2" (dia. = 2.895).

BRANCH DEFLECTOR MOUNT KIT FOR 2" LAMPS
Part No. 30404, Branch deflector mount kit, grey.
Part No. 30721, Branch deflector mount only, grey.

"L" MOUNTING BRACKET FOR 2" LAMPS
Part No. 30728, "L" mounting bracket.

GROMMET MOUNT FOR MODEL 15 LAMPS
Part No. 15702, Grommet only.

ADAPTER MOUNT KIT FOR MODEL 15 LAMPS
Part No. 15404, Adapter mount kit, grey.

BRANCH DEFLECTOR MOUNT KIT FOR MODEL 15 LAMPS
Part No. 15401, Branch deflector mount kit.

BASE MOUNTS FOR MODEL 19 LAMPS
Part No. 19720, Grey base only.

CHROME LAMP GUARD FOR MODEL 26 LAMPS
Part No. 9179, Lamp guard.

GROMMET MOUNT FOR 4" LAMPS
Part No. 40700, Grommet mount only, black.

STAINLESS STEEL GROMMET COVER FOR 4" LAMPS
Part No. 44701, Grommet cover.

STEEL MOUNTING BRACKET
Part No. 40720, Mounting bracket w/ flange.

METAL MODULE BOX FOR 4" LAMPS
Part No. 40725, Metal module box.

45 SERIES & LLV 45 GROMMETS
Part No. 45700, Super 45 grommet.

GROMMET MOUNT KIT FOR OVAL LAMPS
Part No. 60700, Grommet only.

STAINLESS STEEL GROMMET COVER
Part No. 60703, Grommet cover.

MOUNTING BRACKET FOR OVAL LAMPS
Part No. 60720, Mounting bracket.

Warning & Emergency Lighting

ROTATION BEACON MINI-BAR
Part No. 92524Y, Yellow, mini bar w/ 2 halogen rotators.

HIGH PROFILE ELECTRONIC STROBE
Part No. 92500Y, Yellow, 12 volt, 1.8 amp, 8 joules/flash.
Part No. 92506Y, Yellow, 12/24 volt, double flash, 2.0 amp.
Part No. 92513Y, Yellow, 12/24 volt, quad flash, 2.0 amp.

LOW PROFILE ELECTRONIC STROBE
Part No. 92530Y, Yellow, 12 volt, 0.5 amp, 3.0 joules/flash.
Part No. 92531Y, Yellow, w/ magnetic base, 12 volt, 3.0 joules/flash.

TEAR DROP ROTATING BEACON
Part No. 92602R, Red, w/ magnetic base, 12 volt, 3 amp.

Please ask for further information on the extensive line of Truck-Lite products, including accessories.

Warning & Emergency Lighting

STANDARD REVOLVING BEACON, 6"
Part No. 92603Y, Yellow, 12 volt, 2 amp.

STANDARD REVOLVING BEACON, 8"
Part No. 92600Y, Yellow, 12 volt, 6 amp.

Fog, Driving & Work Lighting

UNIVERSAL SNOW PLOW LIGHT / ATL LIGHT KIT
Part No. 80800, Universal snow plow light / ATL kit.
Part No. 80810, ATL lamp assembly, LH.
Part No. 80820, ATL lamp assembly, RH.

HEAVY DUTY RECTANGULAR AUXILIARY LAMPS
Part No. 80510, Driving lamp kit, black housing.
Part No. 80511, Clear fog lamp kit, black housing.
Part No. 80512, Amber fog lamp kit, black housing.
Part No. 80515, Driving lamp kit, chrome housing.
Part No. 80516, Clear fog lamp kit, chrome housing.
Part No. 80517, Amber fog lamp kit, chrome housing.

RECTANGULAR AUXILIARY LAMPS
Part No. 80520, Driving lamp kit.
Part No. 80521, Clear fog lamp kit.
Part No. 80522, Amber fog lamp kit.

COMPACT, RECTANGULAR AUXILIARY LAMPS
Part No. 80525, Driving lamp kit.
Part No. 80526, Clear fog lamp kit.
Part No. 80527, Amber fog lamp kit.

RUBBER HOUSED MULTI-PURPOSE LAMP, 4½"
Part No. 80360, Clear, No. 4411-1 S.B., 3000 cp.
Part No. 95910, Mounting hardware.

RECTANGULAR RUBBER HOUSED MULTI-PURPOSE LAMP - UNIVERSAL MOUNT
Part No. 80394, Clear, trapezoid lamp - #H9411.
Part No. 80395, Clear, medium flood lamp - #H9414.
Part No. 80396, Clear, wide flood lamp - #H9406.
Part No. 80397, Clear, spot lamp - #H9405.
Part No. 95910, Mounting hardware.

81 SERIES LED WORK LAMP
•Rugged all purpose work lamp •Trapezoidal floodlight pattern •More even lighting than comparable incandescant work lamps •6 light emitting diodes •Operates at full brightness between 8.5v and 16v •Overvoltage protection @17v-18v •Durable black powder coated housing •Includes stainless steel mounting hardware •Mounts on one 5/16" -18 stud
Part No. 81360.

NEW!!

Truck-Lite®

Please ask for further information on the extensive line of Truck-Lite products, including accessories.

DAYTIME RUNNING LAMP MODULE
Part No. 97300, DRL control module.

Reflectors

3" REFLECTOR W/ ACRYLIC LENS & ABS HOUSING
Part No. 98004R, Red.
Part No. 98004Y, Yellow.

3" REFLECTOR W/ ACRYLIC LENS/HOUSING
Part No. 98006R, Red, mounted through centre hole.
Part No. 98006Y, Yellow, mounted through centre hole.
Part No. 98006C, Clear, mounted through centre hole.

3-3/16" REFLECTOR W/ ACRYLIC LENS/HOUSING
Part No. 47, Red - adhesive.
Part No. 47A, Yellow - adhesive.

2" REFLECTOR W/ ACRYLIC LENS/HOUSING
Part No. 52, Red, mounted through centre hole.
Part No. 52A, Yellow, mounted through centre hole.

2-3/16" REFLECTOR W/ ACRYLIC LENS/HOUSING
Part No. 45, Red - adhesive.
Part No. 45A, Yellow - adhesive.

3" ALUMINUM HOUSING REFLECTOR
Part No. 41, Red.
Part No. 41A, Yellow.

RECTANGULAR REFLECTOR W/ ADHESIVE BACKING
Part No. 98001R, Red, acrylic.
Part No. 98001Y, Yellow, acrylic.
Part No. 98002R, Red, polycarbonate.
Part No. 98002Y, Yellow, polycarbonate.

OBLONG REFLECTOR W/ ACRYLIC LENS/HOUSING
Part No. 98031R, Red, screw mount.
Part No. 98031Y, Yellow, screw mount.
Part No. 54, Red, adhesive backing.
Part No. 54A, Yellow, adhesive backing.

HEXAGON STYLE REFLECTOR W/ ACRYLIC LENS & ADHESIVE BACKING
Part No. 98033R, Red.
Part No. 98033Y, Yellow.
Part No. 98034R, Red, chrome trimmed border.
Part No. 98034Y, Yellow, chrome trimmed border.

RECTANGULAR STYLE REFLECTOR W/ ACRYLIC LENS/HOUSING - COMPACT DESIGN
Part No. 98035R, Red.
Part No. 98035Y, Yellow.

RECTANGULAR STYLE REFLECTOR W/ ACRYLIC LENS & ADHESIVE BACKING - COMPACT DESIGN
Part No. 98003R, Red.
Part No. 98003Y, Yellow.

Please ask for further information on the extensive line of Truck-Lite products, including accessories.

Junction Boxes & Harnesses

SURFACE MOUNT JUNCTION BOX KIT

Surface mount. Contains #50800 junction box, #50816 junction box cap, #50820 terminal block, four #50830 filler plugs and mounting and assembly screws. High impact chemical resistant plastic.
Part No. 50400, Junction box, surface mount.

COMPRESSION FITTINGS

A 3-part fitting consisting of a pre-tapped cap, a threaded base and a black PVC grommet that is available with 6 different hole sizes to accommodate various conductor cables.
Part No. 50840, 3/8" I.D., for 2 conductor cable.
Part No. 50841, 1/2" I.D., for 4 and 5 conductor cable.
Part No. 50842, 3/4" I.D., for 6 and 7 conductor cable.
Part No. 50843, 5 hole, for single conductor wire.
Part No. 50846, For 3 conductor flat cable.
Part No. 50847, For 4 conductor flat cable.

STOP/TURN/TAIL HARNESS

14 gauge wire. 5 conductor, round cable.
Part No. 50200, R.H. stop/turn/tail harness, 72" length.
Part No. 50201, L.H. stop/turn/tail harness, 72" length.
Part No. 50202, R.H. stop/turn/tail harness, 156" length.
Part No. 50203, L.H. stop/turn/tail harness, 156" length.

Please Note: Many other harness configurations are available, please ask for more information.

Accessories

ELECTRICAL CONNECTION BRUSH KIT

Part No. 97025, Electrical connection brush kit.

NYK-77 COMPOUND

Corrosion preventative compound for electrical contacts, switches and junction boxes.
Part No. 97940, 8 oz. can.
Part No. 97944, 2 oz. tube.
Part No. 97943, 1 quart can.
Part No. 97948, 14 oz. cartridge.

DOCUMENT HOLDER

Grey base is made of chemical resistant high-impact ABS plastic. Cover is smoked polycarbonate and includes a permanently adhered gasket.
Part No. 97960, Document holder, complete.
Part No. 97962, Replacement cover.

Please ask for further information on the extensive line of Truck-Lite products, including accessories.

GROTE
Lighting Products & Accessories

LED Lighting

Please ask for more information on the Grote line of Lighting Products & Accessories

Clearance/Marker Lamps

Stop, Tail, & Turn Lamps

License & Auxiliary Lamps

Forward Lighting

Grote.

The first name in vehicle safety systems®

Marine & RV Lighting & Trailer Connectors

Please ask for more information on the Grote line of Lighting Products & Accessories

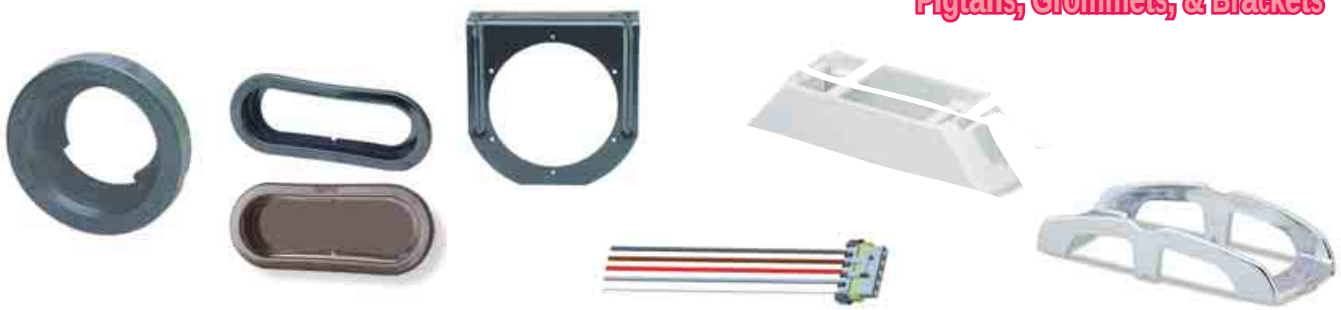
Emergency & Warning Devices

Flashers & Turn Signal Switches

Trailer Wiring/Communication Systems

Grote
The first name in vehicle safety systems®

Pigtails, Grommets, & Brackets



Please ask for more information on the Grote line of Lighting Products & Accessories

Reflectors & Warning Devices

Lenses & O.E.M. Lenses

Retail Merchandising & Displays

Grote
The first name in vehicle safety systems®

LED Lighting

SEALED ROUND LED CLEARANCE/MARKER LAMP
Part No. 47112EA, 2"Red.
Part No. 47122EA, 2.5" Red.
Part No. 47113EA, 2" Yellow.
Part No. 47123EA, 2.5" Yellow.

SEALED LED BEEHIVE MARKER LAMP
Part No. 47212EA, 2" Red.
Part No. 47222EA, 2.5" Red.
Part No. 47213EA, 2" Yellow.
Part No. 47223EA, 2.5" Yellow.

SEALED U.S. 15 SERIES LED CLEARANCE/MARKER LAMP
Part No. 47082EA, Red.
Part No. 47083EA, Yellow.

SEALED U.S. 19 SERIES LED CLEARANCE/MARKER LAMP
Part No. 47092EA, Red.
Part No. 47093EA, Yellow.

SEALED TURTLE-BACK II LED CLEARANCE/MARKER LAMP
Part No. 47072EA, Red.
Part No. 47073EA, Yellow.

SUPERNOVA® 4", 10-DIODE LED LAMP

Stop-Tail-Turn
Part No. 53252EA, Red, grommet mount.
Part No. 52092EA, Red, 24 volt, grommet mount.
Part No. 53282EA, Red, w/ white theft resistant flange.
Part No. 53292EA, Red, w/ black theft resistant flange.
Part No. 53302EA, Red, w/ stainless steel theft resistant flange mount.

Auxiliary
Part No. 53253EA, Yellow, grommet mount.
Part No. 52093EA, Yellow, 24 volt, grommet mount.
Part No. 53283EA, Yellow, w/ white theft resistant flange.
Part No. 53293EA, Yellow, w/ black theft resistant flange.
Part No. 53303EA, Yellow, w/ stainless steel theft resistant flange mount.

SEALED 4" ROUND LED LAMP, GROMMET MOUNT
Part No. 53312EA, Red, grommet mount, Stop/Tail/Turn.
Part No. 53413EA, Yellow, grommet mount, Auxiliary.
Part No. 52162EA, Red, 24 volt.
Part No. 52163EA, Yellow, 24 volt.

U.S. 60 SERIES OVAL LED LAMP, GROMMET MOUNT
Part No. 53962EA, Red, grommet mount, Stop/Tail/Turn.
Part No. 52072EA, Red, 24 volt, grommet mount, Stop/Tail/Turn.
Part No. 53963EA, Yellow, grommet mount, Auxiliary.
Part No. 52073EA, Yellow, 24 volt, grommet mount, Auxiliary.

SUPERNOVA®, U.S. 40 SERIES, 10 DIODE PATTERN, STOP/TAIL/TURN LED LAMP POWER MODULE WITH SIDE MARKER
Part No. 50182EA, Red, RH, pre-assembled with wiring.
Part No. 50192EA, Red, LH, pre-assembled with wiring.

Grote
The first name in vehicle safety systems®

High Diode Count LEDs

Grote LED Lighting with a high diode styling. Equipped with standard termination (use regular pigtails). LED lamps are easy to retrofit outdated incandescent applications.

SQUARE CORNER CLEARANCE/MARKER — 13 DIODES
Part No. G4602EA, Red.
Part No. G4603EA, Amber.

TURTLEBACK II SERIES CLEARANCE/MARKER — 8 DIODES
Part No. G2102EA, Red.

TURTLEBACK II SERIES CLEARANCE/MARKER — 10 DIODES
Part No. G2103EA, Amber.

U.S. 40 SERIES STOP-TAIL-TURN — 24 DIODES
Part No. G4002EA, Red.

U.S. 40 SERIES REAR TURN — 39 DIODES
Part No. G4003EA, Amber.

TRIANGULAR SCHOOL BUS MARKER LAMP — 13 DIODES
Part No. G5052EA, Red.
Part No. G5053EA, Amber.

2" U.S. 10 SERIES CLEARANCE/MARKER — 9 DIODES
Part No. G3002EA, Red.
Part No. G3003EA, Amber.

2.5" U.S. 10 SERIES CLEARANCE/MARKER — 13 DIODES
Part No. G1032EA, Red.
Part No. G1033EA, Amber.

2.5" U.S. 10 SERIES CLEARANCE/MARKER — 9 DIODES
Part No. G1092EA, Red.
Part No. G1093EA, Amber.

2" BEEHIVE CLEARANCE/MARKER — 9 DIODES
Part No. G3092EA, Red.
Part No. G3093EA, Amber.

U.S. 19 SERIES CLEARANCE/MARKER — 3 DIODES
Part No. G1902EA, Red.
Part No. G1903EA, Amber.

2.5" HI COUNT™ LED LAMP — 3 DIODES
Part No. G1502EA, Red.
Part No. G1503EA, Amber.

SEALED 2½" ROUND CLEARANCE/MARKER LAMP

Part No. 45812EA, Red.
Part No. 45813EA, Yellow.
Part No. 45182EA, Red, 24 volt.
Part No. 45183EA, Yellow, 24 volt.

With Built-in Class "A" Reflector

Part No. 45832EA, Red.
Part No. 45833EA, Yellow.
Part No. 45072EA, Red Kit (Light #45832 + Grommet #91400 + Pigtail #67050).
Part No. 45073EA, Yellow Kit (Light #45833 + Grommet #91400 + Pigtail #67050).
Part No. 45222EA, Red, 24 volt.
Part No. 45223EA, Yellow, 24 volt.

SEALED 2" BEEHIVE MARKER LAMP

Part No. 47102EA, Red.
Part No. 47103EA, Yellow.

SEALED 2" ROUND CLEARANCE/MARKER LAMP W/ OPTIC LENS

Part No. 45822EA, Red.
Part No. 45823EA, Yellow.
Part No. 45202EA, Red, 24 volt.
Part No. 45203EA, Yellow, 24 volt.

ROUND SURFACE-MOUNT, SINGLE BULB CLEARANCE/MARKER LAMP

Part No. 45412EA, Red.
Part No. 45413EA, Yellow.

SEALED SINGLE BULB CLEARANCE/MARKER LAMP

Part No. 46412EA, Red.
Part No. 46413EA, Yellow.
Part No. 45162EA, Red, 24 volt.
Part No. 45163EA, Yellow, 24 volt.

SEALED 2-BULB CLEARANCE/MARKER LAMP

Part No. 46742EA, Red.
Part No. 46743EA, Yellow.
Part No. 45142EA, Red, 24 volt.
Part No. 45143EA, Yellow, 24 volt.

THIN-LINE, SINGLE BULB CLEARANCE/MARKER LAMP

Part No. 45252EA, Red.
Part No. 45253EA, Yellow

ECONOMY CLEARANCE/MARKER LAMP

Part No. 46882EA, Red, Crystal-Pac.
Part No. 46883EA, Yellow, Crystal-Pac.

BEEHIVE LAMP WITH FIXED ANGLE MOUNTING BRACKET

Part No. 45022EA, Red.
Part No. 45023EA, Yellow.
Part No. 45025EA, Blue.

BEEHIVE LAMP WITH FLEXIBLE WEB STRAP

Part No. 45032EA, Red.
Part No. 45033EA, Yellow.

DURAMOLD SINGLE BULB OVAL CLEARANCE/MARKER LAMP

Part No. 46702EA, Red.
Part No. 46703EA, Yellow.

With Built-in Reflector

Part No. 46712EA, Red.
Part No. 46713EA, Yellow.

DURAMOLD 2-BULB OVAL, PIGTAIL TYPE CLEARANCE/MARKER LAMP WITH BUILT-IN REFLECTOR

Part No. 45932EA, Red.
Part No. 45933EA, Yellow.

2-BULB, TURTLE-BACK CLEARANCE/MARKER LAMP WITH BUILT-IN REFLECTOR

Part No. 46302EA, Red.
Part No. 46303EA, Yellow.

DURAMOLD 2-BULB, SQUARE CORNER CLEARANCE/MARKER LAMP

Part No. 46792EA, Red.
Part No. 46793EA, Yellow.

DIE-CAST 2-BULB, SQUARE CORNER CLEARANCE/MARKER LAMP

Part No. 46782EA, Red.
Part No. 46783EA, Yellow.
Part No. 94110EA, O-ring.
Part No. 91963EA, Yellow lens.
Part No. 91962EA, Red lens.

SEALED MULTI-FUNCTION SENTRY LAMP

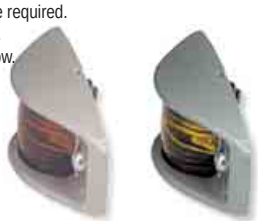
Part No. 53062EA, Red.
Part No. 53063EA, Yellow.

Single Function

Part No. 53163EA, Yellow.

DIE-CAST ALUMINUM CLEARANCE/MARKER LAMP

Flat back, no socket hole required.
Part No. 46282EA, Red.
Part No. 46283EA, Yellow.



NARROW RAIL CLEARANCE/MARKER LAMP

Part No. 45172EA, Red.
Part No. 45173EA, Yellow.

LOW PROFILE BAR LAMP - ALUMINUM

Part No. 49042EA, Red.

LOW PROFILE BAR LAMP - BLACK

Part No. 49142EA, Red, 2½".
Part No. 49822EA, Red, 2".
Part No. 49832EA, Reflex, 2½".

Clearance/Marker Lamps

LOW PROFILE DURAMOLD BAR LAMP - BLACK
Part No. 49072EA, Red.

4679 SERIES LAMPS
Part No. 49082EA, Red.

THIN-LINE BAR LAMP - BLACK
Part No. 49062EA, Red.

DELUXE DIE-CAST CAB MARKER LAMP
Part No. 45333EA, Yellow.

CAB MARKER LAMP
Part No. 46543EA, Yellow.

SHOCK MOUNT TORPEDO STYLE CAB MARKER LAMP
Part No. 45993EA, Yellow.

SCHOOL BUS MARKER LAMP
Part No. 46322EA, Red.
Part No. 46323EA, Yellow.

Stop, Tail & Turn Lamps

2-STUD, PLUG-IN LAMP
Part No. 55470EA.

2-STUD, CHROME LAMP W/ PIGTAIL
Part No. 55340EA.

PEDESTAL MOUNT LAMP W/ PIGTAIL
Part No. 55450EA, RH.
Part No. 55460EA, LH.

4" DIE-CAST DOUBLE-FACE LAMP
Double Contact
Part No. 53000EA, Red & Yellow, chrome-plated.
Part No. 53020EA, Red & Yellow, black enamel finish.
Part No. 53023EA, Yellow & Yellow, black enamel finish.

Single Contact
Part No. 56000EA, Red & Yellow, chrome-plated.
Part No. 56020EA, Red & Yellow, black enamel finish.
Part No. 56030EA, Yellow & Yellow, black enamel finish.

4" ZINC DIE-CAST SINGLE-FACE LAMP
Double Contact
Part No. 53032EA, Red, chrome-plated.
Part No. 53052EA, Red, black enamel finish.

Single Contact
Part No. 56032EA, Red, chrome-plated.
Part No. 56052EA, Red, black enamel finish.

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7" JUMBO DOUBLE-FACE PEDESTAL LAMP
Part No. 78150EA, Red and Yellow.

4" SEALED STOP, TAIL, TURN LAMP
Part No. 52772EA, Red.
Part No. 52773EA, Yellow.
Part No. 52782EA, Red Kit.
Part No. 52783EA, Yellow Kit.
Part No. 52152EA, Red, 24V.
Part No. 52153EA, Yellow, 24V.

4" ECONOMY SEALED STOP, TAIL, TURN LAMP
Part No. 52922EA, Red.
Part No. 52923EA, Yellow.

4" SEALED STOP,TAIL, TURN LAMP W/ BUILT-IN REFLECTOR
Part No. 52672EA, Red.
Part No. 52682EA, Red Kit.

40 SERIES 4" TORSION MOUNT® II STOP, TAIL, TURN LAMP
Part No. 53100EA, Red, clear housing.
Part No. 53102EA, Red.
Part No. 53103EA, Yellow.
Part No. 53112EA, Red Kit.

STOP, TAIL, TURN MODULE W/ SIDE MARKER
Part No. 50792EA, Red, RH.
Part No. 50802EA, Red, LH.

SEALED OVAL STOP, TAIL, TURN LAMP
Part No. 52892EA, Red, lamp only.
Part No. 52893EA, Yellow, lamp only.
Part No. 52572EA, Red Kit.
Part No. 52573EA, Yellow Kit.

Stop, Tail & Turn Lamps

SEALED OVAL SIDE TURN/MARKER LAMP
Part No. 52513EA, Yellow.
Part No. 52543EA, Yellow Kit.

RUBBER HOUSING LAMP
Part No. 50502EA, Red, Double contact.

ECONOMY STAINLESS STEEL LAMP
Part No. 52522EA, Red, Double contact.

3-STUD METRI-PACK™ RH REPLACEMENT LAMP
Part No. 53702EA, Red.

TORSION-MOUNT UNIVERSAL REPLACEMENT LAMP
Part No. 52902EA, RH.
Part No. 52912EA, LH.

4" DURAMOLD S-STUD LAMP W/ BUILT-IN REFLECTOR & SIDE MARKER
Part No. 50532EA, With license window.
Part No. 50542EA, Without license window.

4" DURAMOLD 2-STUD MOUNT COMBINATION LAMP
Part No. 50852EA, With license window.

7" SCHOOL BUS LAMP
Double Contact
Part No. 50132EA, Red.

Single Contact
Part No. 56072EA, Red.
Part No. 56073EA, Yellow.
Part No. 56083EA, Yellow with arrow lens.

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License & Auxiliary Lights

LICENSE/UTILITY LAMP
Part No. 60280EA, License lamp and bracket kit.

U.S. 19 SERIES LICENSE AND UTILITY LAMPS
Part No. 60291EA, License lamp.

DURAMOLD LICENSE LAMP
Part No. 60001EA, Grey.

COURTESY LAMP
Part No. 60251EA, Chrome plated.

ECONOMY COURTESY LAMP
Part No. 60151EA, Zinc finish.

COMPACT COURTESY LAMP
Part No. 60101EA, Chrome finish.

SEALED BACK-UP LAMPS
Part No. 62171EA, Clear, lamp only.
Part No. 62181EA, Back-up lamp kit.
Part No. 62321EA, Clear, 24 volt, lamp only.

SEALED BACK-UP LAMPS
Part No. 62231EA, Back-up lamp.
Part No. 62251EA, Back-up lamp kit.

OE-STYLE BACK-UP LAMPS
Part No. 62011EA, Grey Duramold bezel.
Part No. 62021EA, Chrome plated Duramold bezel.

FLUORESCENT LAMPS
Part No. 61371EA, Ballast design lamp.
Part No. 92681EA, Replacement bulb.
Part No. 92611EA, Replacement lens.

ROUND DOME LAMP WITH SWITCH
Part No. 61161EA, White base.

Forward Lighting

PAR 46 HAND ADJUSTABLE SPOT LAMP
Part No. 63921EA, Chrome finish.

ROUND HAND HELD SPOT LAMP
Part No. 64131EA, Retail pack.

HAND HELD/TRIPOD SPOT LAMP
Part No. 64171EA, Black finish, retail pack.

PAR 36 RUBBER TRACTOR & UTILITY LAMP
Part No. 64931EA, With 12 volt sealed beam.
Part No. 64930EA, Housing only.

PAR 36 STEEL HOUSING TRACTOR & UTILITY LAMP
Part No. 64441EA, With 12 volt sealed beam.
Part No. 64440EA, Housing only.

PAR 46 RUBBER TRACTOR & UTILITY LAMP
Part No. 64941EA, With 12 volt sealed beam.
Part No. 64940EA, Housing only.

PAR 46 STEEL HOUSING TRACTOR & UTILITY LAMP
Part No. 64341EA, With 12 volt sealed beam.
Part No. 64340EA, Housing only.

RECTANGULAR HALOGEN WORK LAMP
Part No. 63151-5EA, Flood-retail pack.

4" x 6" TWIN BEAM HALOGEN WORK LAMP
Part No. 64901EA, Flood (H3 12V - 4.7 amp, 55 watts).

4" x 6" RECTANGULAR RUBBER WORK LAMP
Part No. 64891EA, Flood (H7935-1 seal beam).

SURVEILLANCE LAMP
Part No. 64111EA, Chrome finish.

QUARTZ HALOGEN FOG & DRIVING LAMPS
Part No. 64161-5EA, Fog lamp, clear lens.
Part No. 64163-5EA, Fog lamp, yellow lens.
Part No. 64181-5EA, Driving lamp, clear lens.

SLIM-LINE HALOGEN FOG LIGHTS
Part No. 64371-5EA, Clear fog lamp kit.

ROUND OFF-ROAD LAMP
Part No. 64481-5EA, Black, retail pack.
Part No. 64501-5EA, Chrome, retail pack.

FOG & DRIVING LAMP WIRING KIT
Part No. 68460-5EA, Includes: illuminated rocker switch, 30 amp relay, terminated wires and fuse.

Marine & RV Lighting

SUBMERSIBLE TRAILER LIGHTING KIT
Part No. 65340-5EA, Retail pack.

5-IN-1 COMBINATION REAR LAMP
Part No. 50762EA, Red.

WRAP-AROUND 5-IN-1 TAIL LAMP
Part No. 52362EA, LH.
Part No. 52372EA, RH.

LED STROBES - These lamps are certified SAE - Class II. The lamps feature Signal Alert™ Flash Pattern. This provides greater visibility through a series of three intermittent, short flashes and one longer flash. Altering the durations of the flashes is a more effective attention getter than a constant flash.

SAE J845 CLASS II LED HIGH PROFILE STROBE - 12VDC

Part No. 77833EA, Amber, permanent mount.
Part No. 77843EA, Amber, magnet mount.
Part No. 93743EA, Replacement dome, amber.

SAE J845 CLASS II LED LOW PROFILE STROBE - 12VDC

Part No. 77813EA, Amber, permanent mount.
Part No. 77823EA, Amber, magnet mount.

SAE CLASS III LED MIGHTY MINI STROBE

Part No. 77473EA, Amber, permanent mount.
Part No. 77483EA, Amber, magnet mount.
Part No. 93723EA, Replacement dome, amber.

360° LED CLASS I, II, & III STROBE LIGHTS

•Black anodized aluminum base for resistance against corrosion •Gasketed amber polycarbonate high impact lens is fastened onto the base to enclose and protect the LED circuit board assembly •High intensity quad flash pattern •63 flash sequences per minute •LEDs feature long lasting low amp draw for maintenance free operation •12 volt
Part No. 77853EA, Class III Warning Light.
Part No. 77863EA, Class II Strobe Light.
Part No. 77873EA, Class I Strobe Light, amber beacon.

2-SEALED BEAMS ROTO-BEACON®

Part No. 76222EA, Red, 12 volt.
Part No. 76225EA, Blue, 12 volt.
Part No. 76333EA, Yellow w/ Lexan lens, 12 volt.
Part No. 76413EA, Yellow w/ Lexan lens, 24 volt.
Part No. 03-7633-04EA, Replacement chrome base.

ECONOLITE WITH REVOLVING REFLECTOR

Part No. 76162EA, Red.
Part No. 76163EA, Yellow.
Part No. 76165EA, Blue.
Part No. 76183EA, Yellow, with magnetic base.
Part No. 76185EA, Blue, with magnetic base.

TEAR DROP "KOJAK" LIGHT

Part No. 76032EA, Red.
Part No. 76033EA, Yellow.
Part No. 76035EA, Blue.

HI-INTENSITY MINI-BAR 15¾"

Part No. 76803EA, Yellow.

MIGHTY MINI-STROBE - SINGLE FLASH

Part No. 77103EA, Yellow.
Part No. 77203EA, Yellow, magnetic mount.

Mounting Accessories

RUBBER GROMMET KIT FOR 2-5/16" HOLE

Part No. 92120EA, Grommet only for 2" lamps.

RUBBER GROMMET KIT FOR 2-25/32" HOLE

Part No. 91400EA, Rubber grommet only for 2½" lamps.
Part No. 92070EA, Closed back grommet only for 2½" lamps.

RUBBER GROMMET KIT FOR 3" HOLE

Part No. 91410EA, Rubber grommet only for 2½" lamps.

RUBBER GROMMET FOR 4" STOP, TAIL, TURN LAMP

Part No. 91740EA, Rubber grommet only.

CLOSED BACK RUBBER GROMMET FOR 4" LAMPS

Part No. 91950EA, Rubber grommet only.

RUBBER GROMMET FOR OVAL LAMP

Part No. 92420EA, Rubber grommet only.
Part No. 92720EA, Oval closed back grommet.

Mounting Accessories

U.S. 15 SERIES HEADER MOUNT BRACKET KIT
White.
Part No. 43380EA.

U.S. 19 SERIES MOUNTING BRACKET
Grey, bracket and pigtail.
Part No. 43390EA.

U.S. 10 & U.S. 30 SERIES MOUNTING BRACKETS
For U.S. 10 Series Lamps
Part No. 43512EA, Accommodates 94010, 91400, 92070 grommets (2.78" hole).

For U.S. 30 Series Lamps
Part No. 43532EA, Accommodates 94100, 92120 grommets (2.31" hole).

U.S. 40 SERIES MOUNTING BRACKETS
Part No. 43572EA, 4½" hole.

U.S. 60 SERIES MOUNTING BRACKETS
Part No. 43362EA.

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UNIVERSAL 2-STUD LICENSE BRACKET
Part No. 43262-5EA, Crystal pack.

CHROME BUTTRESS-STYLE GUARD
Part No. 43673EA.

SHOCK-MOUNT SOCKETS
Part No. 920013EA, Double contact for shallow lens (108LS).
Part No. 920103EA, Double contact for deep lens (48LS).

SEALED MARKER LAMP PIGTAILS
•6" long •Fits U.S. 10, 15, 30 series lamps, 4711 and 4712 series LEDs
Part No. 67050EA, Ring terminal ground w/ blunt cut wire.

3-WIRE PLUG-IN PIGTAILS
•Dual function •11½" long
Part No. 67000EA, 3-wire plug-in pigtail.

3-WIRE 90° PLUG-IN PIGTAILS
•Dual function •18" long
Part No. 66843EA, Ring terminal with blunt cut wires.

ELECTRICAL SEALANT
Part No. 99580EA, 1.25 oz. tube.

ULTRA-SEAL CORROSION PREVENTIVE SEALANT
•Prevents rust and corrosion
•Good mechanical stability
•Added tackifiers improve adhesion and resistance to washout
•Operating range -40° to 150°C
Part No. 99170EA, 4 oz. tube.
Part No. 99170-1PK, Display box of 12 x 99170.
Part No. 99180EA, 8 oz. tub with applicator.

REPLACEMENT LAMP SOCKET PIGTAILS
Part No. 68110EA, 9½" long, double contact.
Part No. 68130EA, 7½" long, double contact.
Part No. 68150EA, 6½" long, double contact.
Part No. 68080EA, 9½" long, single contact.
Part No. 68100EA, 9½" long, single contact.
Part No. 68170EA, 9½" long, single contact.

METRI-PACK™ PLUG-IN SEALED PIGTAIL
•Fits either 4 or 5 wire applications •20" long •Fits 5370, 5371, 5372, and 5376 series lamps
Part No. 68680EA.

PLUG CHECKER FOR 7 WAY PLUGS
Plug checker (TC2). Simply plug checker into 7 way cable and bring into cab.
Part No. 920273EA.

MINI STICK-ON RECTANGULAR REFLECTOR
Part No. 40132EA, Red, acrylic.
Part No. 40133EA, Yellow, acrylic.

OVAL REFLECTOR
Part No. 41042EA, Red, acrylic, screw mountable.
Part No. 41043EA, Yellow, acrylic, screw mountable.
Part No. 41032EA, Red, acrylic, stick-on/screw mountable.
Part No. 41033EA, Yellow, acrylic, stick-on/screw mountable.

ROUND STICK-ON REFLECTOR
Part No. 40052EA, 3" Red, acrylic.
Part No. 40053EA, 3" Yellow, acrylic.
Part No. 41002EA, 2" Red, acrylic.
Part No. 41003EA, 2" Yellow, acrylic.

SEALED 3" ROUND STICK-ON REFLECTOR
Part No. 40062EA, Red, acrylic.
Part No. 40063EA, Yellow, acrylic.

2½" ROUND STICK-ON REFLECTOR
Part No. 40072EA, Red, acrylic.
Part No. 40073EA, Yellow, acrylic.

SEALED ROUND CENTRE MOUNT REFLECTOR
Part No. 40152EA, 3¼" Red, acrylic.
Part No. 40153EA, 3¼" Yellow, acrylic.
Part No. 41012EA, 2" Red, acrylic.
Part No. 41013EA, 2" Yellow, acrylic.

ALUMINUM 3" LENS, 2-HOLE MOUNTING REFLECTOR
Part No. 40232EA, Red, acrylic.
Part No. 40233EA, Yellow, acrylic.

SLOW-MOVING VEHICLE EMBLEM
Part No. 71152EA, 13¾" yellow-orange centre for daytime warning.

DRIVEWAY MARKER
Part No. 40352EA, Back-to-back reflectors for two-way warning. Mounted on sturdy 36" post.

VINYL PERMIT HOLDER
Part No. 43411EA, Laminated for all weather protection.

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The first name in vehicle safety systems®

Vapour Proof Lighting & Accessories

FLOOD LAMP W/ PAR 36 SEAL BEAM
•360° horizontal and full vertical rotation •Surface mount and adjustable tension of rotation •Brass friction shoes assure a positive grounding system •Rubber mounting ring •Uses a clear halogen spot H7616 •Clear aluminum body
Part No. 315007EA, With 20 amp toggle switch.
Part No. 920234EA, Replacement retaining ring.

CERTIFICATE HOLDER
•Surface mount •Spring held
Part No. 43901EA, Certificate holder.

JUNCTION BOX WITH SURFACE MOUNT TERMINAL DISC
•4" diameter
Part No. 470041EA, Junction box.
Part No. 920143EA, Replacement lens.

Vapour Proof Lighting & Accessories

LICENSE LAMP

•Silver, aluminum body •Wire entrance ¼" NPT •2 hole recess mount •Mounting gasket and screws included
Part No. 240001EA, Lens with license window.
Part No. 920119EA, Replacement button.
Part No. 920120EA, Replacement contact.
Part No. 920125EA, Replacement socket.

CLEARANCE/MARKER

•2 hole recess mount •Shallow lens and aluminum body •SAE PC P2 •¼" NPT rear entry •Mounting gasket and screws included
Part No. 500012EA, Red clearance/marker.
Part No. 500013EA, Yellow clearance/marker.
Part No. 600011EA, Red clearance/marker.
Part No. 600012EA, Yellow clearance/marker.

Part No. 920118EA, Replacement o-ring.
Part No. 920119EA, Replacement button/wire.
Part No. 920120EA, Replacement contact.
Part No. 920123EA, Replacement socket and grommet.
Part No. 920124EA, Replacement pigtail.
Part No. 920125EA, Replacement socket.
Part No. 920109EA, Red replacement lens.
Part No. 920110EA, Yellow replacement lens.
Part No. 920116EA, Red raised replacement lens.
Part No. 920117EA, Yellow raised replacement lens.
Part No. 42-0067-00EA, Bulb.

LOW PROFILE CLEARANCE OR SIDE MARKER - ALUMINUM BODY

Part No. 200011EA, Red, one 1/8" N.P.T. end entrance.
Part No. 200012EA, Yellow, one 1/8" N.P.T. end entrance.
Part No. 210001EA, Red, two 1/8" N.P.T. end entrance.
Part No. 210002EA, Yellow, two 1/8" N.P.T. end entrance.
Part No. 212001EA, Red, one 1/4" N.P.T. rear entrance.
Part No. 212002EA, Yellow, one 1/4" N.P.T. rear entrance.

STOP/TAIL/TURN

•Valox body D.C.; recess mount •Shallow lens and shock-mount bulb socket •SAE STI •Mounting gasket and screws included
Part No. 400039EA, Stop/Tail/Turn lamp.

Part No. 920146EA, Replacement o-ring.
Part No. 920147EA, Replacement button/wire.
Part No. 920148EA, Replacement contact.
Part No. 920150EA, Replacement pigtail.
Part No. 920013EA, Replacement socket.
Part No. 920149EA, Replacement grommet.
Part No. 920134EA, Red shallow replacement lens.
Part No. 920135EA, Yellow shallow replacement lens.
Part No. 920133EA, Clear shallow replacement lens.
Part No. 920144EA, Red raised replacement lens.
Part No. 920145EA, Yellow raised replacement lens.
Part No. 920141EA, Red raised with license window replacement lens.
Part No. 42-1156-00EA, Bulb.
Part No. 42-1157-00EA, Bulb.

REPLACEMENT LENSES FOR 200 SERIES

Part No. 920049EA, Red.
Part No. 920050EA, Yellow.
Part No. 920051EA, Replacement o-ring.

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The first name in vehicle safety systems®

•Auxiliary Lights
- -Dome Lamps
- -Tractor/Utility Lamps
- -Fog/Utility Lamps

•Bulb Replaceable Lamps
- -Stop & Tail Lamps
- -Directional Signal Lamps
- -License Lamps
- -Clearance/Marker Lamps
- -Identification Lamps
- -Cab Marker Lamps
- -Dome Lamps
- -Tractor/Utility Lamps
- -Fog/Utility Lamps

•Back-Up Lamps, Back-Up Alarms
- -Back-Up Lamps-Sealed
- -Back-Up Alarms
- -Back-Up Activating Switch

•Clearance/Marker Lamps
- -LED Lamps
- -Sealed Lamps
- -Bulb Replacement Lamps
- -Cab Marker Lamps
- -Reflectors

•Directional Signal Lamps
- -With 3 Sealed Lamps
- -With 3 Bulb Replaceable Lamps

•LED Lamps
- -LED Stop & Tail Lamps
- -LED Clearance/Marker Lamps

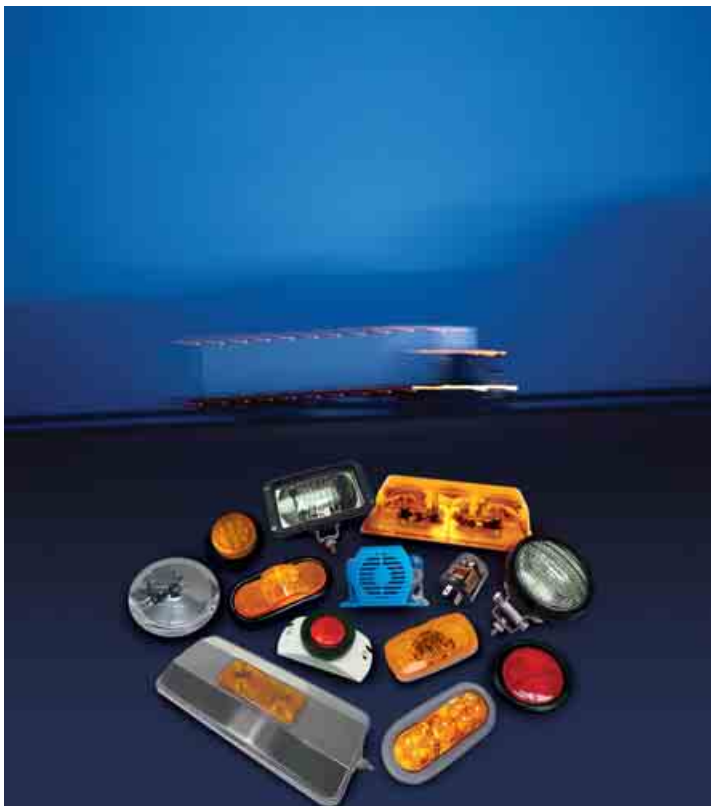
•Licence Lamps
- -Sealed License Lamps & Acc.
- -LED Clearance/Marker Lamps

Please ask for further information on the line of Techspan Automotive products.

TECHSPAN AUTOMOTIVE

- **Mirrors**
  - *-Convex Mirrors & Accessories*
  - *-West Coast Mirrors*
  - *-Mirror Arms & Brackets*
- **Mounting Accessories**
- **Sealed Lamps**
  - *-Stop & Tail Lamps*
  - *-Trailer Module Assemblies*
  - *-Clearance/Marker Lamps*
  - *-Identification Lamps*
  - *-License/Utility Lamps*
  - *-Back-Up Lamps*
  - *-Plugs, Pigtails & Wiring Harnesses*
- **Stop & Tail Lamps**
  - *-LED Stop & Tail Lamps*
  - *-Sealed Stop & Tail Lamps*
  - *-Bulb Replaceable Stop & Tail Lamps*
- **Tractor/Utility Lamps**
  - *-Tractor/Utility Lamps*
  - *-Fog/Utility Lamps*
- **Warning Lights/Flashers**
  - *-Flashers*
  - *-Revolving Lights*
  - *-Strobes*
  - *-Mini Light Bars*

Please ask for further information on the line of Techspan Automotive products.



TECHSPAN AUTOMOTIVE

4" Sealed Lamps – 4000 Series

LED STOP & TAIL LAMPS (ROUND 4" DIAMETER)

* LED Sealed Lamps have a 100,000 hour lifetime rating
Part No. 70-5128EA, Stop/Turn/Tail, Red, (56 Diodes) with Grommet & Pigtail Kit.
Part No. 70-5129EA, Turn/Tail, Amber, (56 Diodes) with Grommet & Pigtail Kit.
Part No. 73-5244EA, Stop/Turn/Tail, Red, (56 Diodes) Double Contact.
Part No. 73-5323EA, Turn/Tail, Amber, (56 Diodes) Double Contact.
Part No. 73-5235EA, Stop/Turn/Tail, Red, (12 Diodes) Double Contact.
Part No. 73-5236EA, Turn/Tail, Amber, (12 Diodes) Double Contact.
Part No. 73-5220EA, Stop/Turn/Tail, Red, (30 Diodes) Double Contact.
Part No. 73-5221EA, Turn/Tail, Amber, (30 Diodes) Double Contact.

LED STOP & TAIL LAMPS (ROUND 4" DIAMETER)

Part No. 70-5079EA, Stop/Turn/Tail, Red, with Grommet & Pigtail Kit.
Part No. 70-5094EA, Turn/Tail, Amber, with Grommet & Pigtail Kit.
Part No. 70-5104EA, Stop/Turn/Tail, Red Reflective, with Grommet & Pigtail Kit.
Part No. 73-5069EA, Stop/Turn/Tail, Red, Double Contact.
Part No. 73-5074EA, Turn/Tail, Amber, Double Contact.
Part No. 73-5125EA, Stop/Turn/Tail, Red Reflective.

ACCESSORIES FOR 4000 SERIES LAMPS

Part No. 73-7822EA, Mounting Grommet (Black) for Round 4" dia. Open Back (vinyl).
Part No. 70-9011EA, Mounting Bracket for Round 4" Dia. Sealed Lamps (Powder Coated Steel).
Part No. 76-4109EA, Plug, Right Angle/Double Contact with 9½" Lead.
Part No. 76-4076EA, Plug, Straight/Double Contact with 9½" Lead.
Part No. 73-7821EA, 4" closed back grommet.

4" SEALED LAMPS IN TRAILER MODULE ASSEMBLIES

Part No. 70-0032EA, Trailer Module Assembly (Grey) with two 4" Round Sealed Stop/Turn/Tail Lamps, Side Marker Lamp, Reflector & Harness, Roadside (L.H.).
Part No. 70-0033EA, Trailer Module Assembly (Grey) with two 4" Round Sealed Stop/Turn/Tail Lamps, Side Marker Lamp, Reflector & Harness, Curbside (R.H.).
Part No. 70-0034EA, Trailer Module Assembly (Grey) with two 4" Round Sealed Stop/Turn/Tail Lamps, Reflector & Harness (Universal, no Side Marker).

Oval Sealed Lamps – 6000 Series

LED STOP & TAIL LAMPS (OVAL)

* LED Sealed Lamps have a 100,000 hour lifetime rating
Part No. 70-5132EA, Stop/Turn/Tail, Red, (13 Diodes) with Grommet & Pigtail Kit.
Part No. 70-5133EA, Turn/Tail, Amber, (27 Diodes) with Grommet & Pigtail Kit.
Part No. 73-5312EA, Stop/Turn/Tail, Red, (13 Diodes) Double Contact.
Part No. 73-5314EA, Turn/Tail, Amber, (27 Diodes) Double Contact.

SEALED STOP & TAIL LAMPS (OVAL)

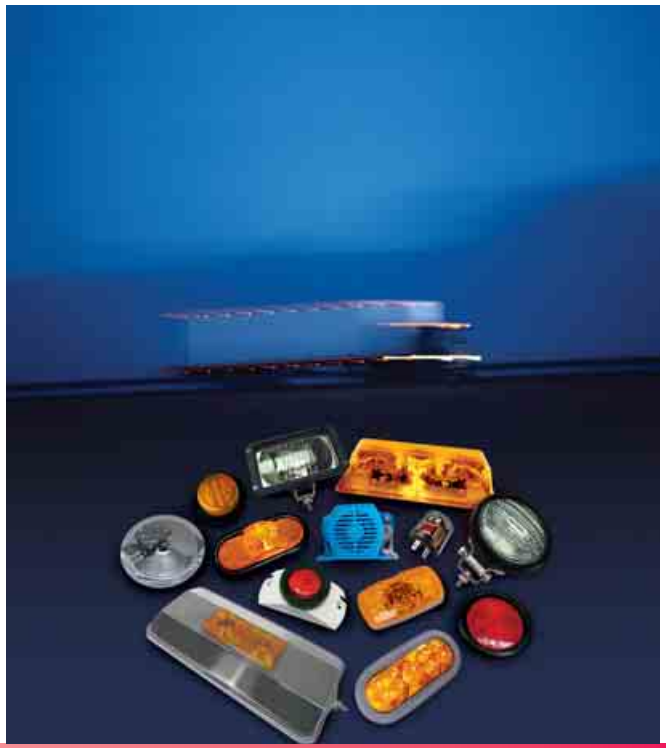
Part No. 70-6222EA, Stop/Turn/Tail, Red, with Grommet & Pigtail Kit.
Part No. 70-6253EA, Turn/Tail, Amber, with Grommet & Pigtail Kit.
Part No. 73-5073EA, Stop/Turn/Tail, Red, Double Contact.
Part No. 73-5087EA, Turn/Tail, Amber, Double Contact.

SEALED - DIRECTIONAL SIGNAL LAMPS (OVAL)

Part No. 70-6282EA, Amber Reflective MidTrailer Turn with Grommet & Pigtail Kit.
Part No. 73-5128EA, Amber Reflective MidTrailer Turn.

ACCESSORIES FOR 6000 SERIES LAMPS

Part No. 73-7826EA, Mounting Grommet (Black) for Oval Open Back (Vinyl).
Part No. 70-9012EA, Mounting Bracket for Oval Sealed Lamps (Powder Coated Steel).
Part No. 70-9034EA, Mounting Bracket (Z-Type) for Oval Sealed Lamp (Powder Coated Steel).
Part No. 76-4109EA, Plug, Right Angle/Double Contact with 9½" Lead.



2½" Sealed Lamps – 1000 Series

LED CLEARANCE/MARKER LAMPS (ROUND 2½" DIAMETER)
* LED Sealed Lamps have a 100,000 hour lifetime rating.
Part No. 71-2306EA, Red (4 Diodes) with Grommet & Pigtail Kit.
Part No. 71-2307EA, Amber (4 Diodes) with Grommet & Pigtail Kit.
Part No. 73-5297EA, Red (4 Diodes) Single Contact.
Part No. 73-5298EA, Amber (4 Diodes) Single Contact.

LED CLEARANCE/MARKER LAMPS (BEEHIVE 2½" DIAMETER)
* LED Sealed Lamps have a 100,000 hour lifetime rating.
Part No. 71-2316EA, Red (8 Diodes) with Grommet & Pigtail Kit.
Part No. 71-2317EA, Amber (8 Diodes) with Grommet & Pigtail Kit.
Part No. 73-5332EA, Red (8 Diodes) Single Contact.
Part No. 73-5333EA, Amber (8 Diodes) Single Contact.

SEALED CLEARANCE/MARKER LAMPS (ROUND 2½" DIAMETER)
Part No. 71-2294EA, Red, with Grommet & Pigtail Kit.
Part No. 71-2295EA, Amber, with Grommet & Pigtail Kit.
Part No. 71-2300EA, Red, with Grommet, Pigtail, & Branch Deflector Kit.
Part No. 71-2301EA, Amber, with Grommet, Pigtail, & Branch Deflector Kit.
Part No. 73-5055EA, Red, Single Contact.
Part No. 73-5056EA, Amber, Single Contact.

SEALED CLEARANCE/MARKER LAMPS WITH REFLECTIVE LENS (ROUND 2½" DIAMETER)
Part No. 71-2296EA, Red, with Grommet & Pigtail Kit.
Part No. 71-2297EA, Amber, with Grommet & Pigtail Kit.
Part No. 73-5058EA, Red, Single Contact.
Part No. 73-5059EA, Amber, Single Contact.

ACCESSORIES FOR 1000 SERIES LAMPS
Part No. 73-7807EA, Mounting Grommet (Black) for Round 2½" Open Back (Vinyl).
Part No. 73-7808EA, Mounting Grommet (Black) for Round 2½" Closed Back (Vinyl).
Part No. 73-7813EA, Mount Branch Deflector (Polycarbonate) for round 2½".
Part No. 73-7840EA, Mounting Bracket for Round 2½" Sealed Lamp (Powder Coated Steel).
Part No. 76-4073EA, Plug Right Angle/Single Contact with 6" Lead.

2" Sealed Lamps – 3000 Series

LED CLEARANCE/MARKER LAMPS (ROUND 2" DIAMETER)
* LED Sealed Lamps have a 100,000 hour lifetime rating
Part No. 71-2304EA, Red, (4 Diodes) with Grommet & Pigtail Kit.
Part No. 71-2305EA, Amber, (4 Diodes) with Grommet & Pigtail Kit.
Part No. 73-5299EA, Red, (4 Diodes) Single Contact.
Part No. 73-5300EA, Amber, (4 Diodes) Single Contact.

LED CLEARANCE/MARKER LAMPS (BEEHIVE 2" DIAMETER)
* LED Sealed Lamps have a 100,000 hour lifetime rating
Part No. 71-2314EA, Red, (8 Diodes) with Grommet & Pigtail Kit.
Part No. 71-2315EA, Amber, (8 Diodes) with Grommet & Pigtail Kit.
Part No. 73-5334EA, Red, (8 Diodes) Single Contact.
Part No. 73-5335EA, Amber, (8 Diodes) Single Contact.

SEALED CLEARANCE/MARKER LAMPS (ROUND 2" DIAMETER)
Part No. 71-2298EA, Red, with Grommet & Pigtail Kit.
Part No. 71-2299EA, Amber, with Grommet & Pigtail Kit.
Part No. 71-2302EA, Red, with Grommet, Pigtail, & Branch Deflector Kit.
Part No. 71-2303EA, Amber, with Grommet, Pigtail, & Branch Deflector Kit.
Part No. 73-5065EA, Red, Single Contact.
Part No. 73-5066EA, Amber, Single Contact.

ACCESSORIES FOR 3000 SERIES LAMPS
Part No. 73-7818EA, Mounting Grommet (Black) for Round 2" Open Back (Vinyl).
Part No. 73-7860EA, Mounting Grommet (Black) for Round 2" Closed Back (Vinyl).
Part No. 73-7820EA, Mount Branch Deflector (Polycarbonate) for Round 2".
Part No. 73-7841EA, Mounting Bracket for Round 2" Sealed Lamp (Powder Coated Steel).
Part No. 76-4073EA, Plug, Right Angle/Single Contact with 6" Lead.

ta® TECHSPAN AUTOMOTIVE

Rectangular Sealed Lamps – 1500 Series

SEALED CLEARANCE/MARKER LAMPS (1" X 2") - 1 BULB

Part No. 73-5062EA, Red, 1 Bulb, Rectangular, 1" x 2" Single Contact.
Part No. 73-5063EA, Amber, 1 Bulb, Rectangular, 1" x 2" Single Contact.
Part No. 73-5064EA, Clear Utility, 1 Bulb, Rectangular 1" x 2" Single Contact.

Rectangular Sealed Lamps – 1900 Series

SEALED CLEARANCE/MARKER LAMPS (1" X 4") - 2 BULB

Part No. 73-5077EA, Red, 2 Bulb, Rectangular, 1" x 4" Single Contact.
Part No. 73-5078EA, Amber, 2 Bulb, Rectangular, 1" x 4" Single Contact.
Part No. 73-5225EA, Clear Utility, 2 Bulb, Rectangular 1" x 4" Single Contact.

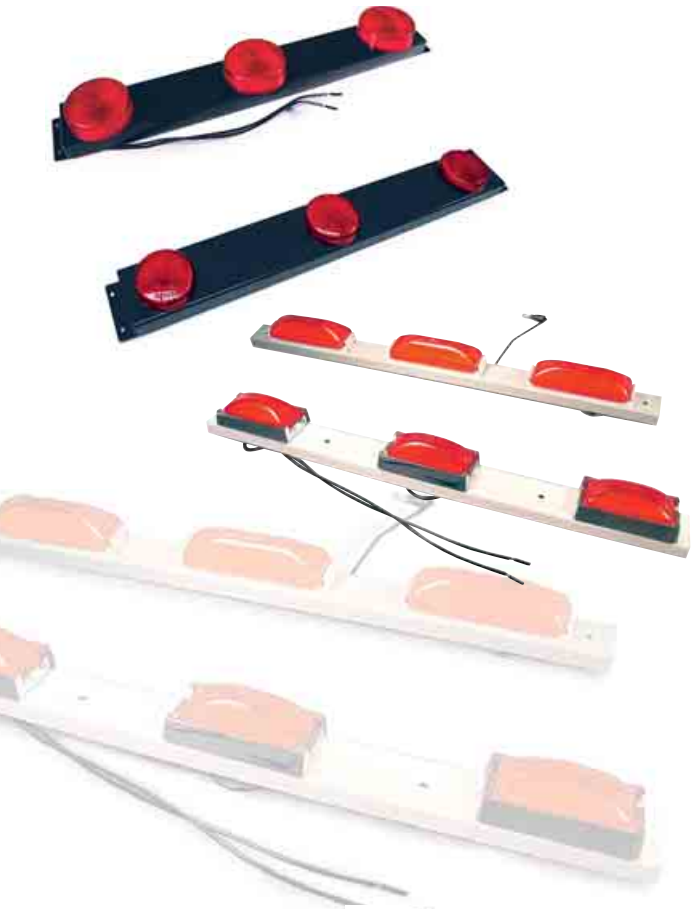
3-in-a-row Identification Lamps – Sealed

With 3 Round Sealed Clearance/Marker Lamps

Part No. 71-3526EA, 3-In-A-Row, 2½" Red (No. 73-5055EA) on a Black Steel Frame.
Part No. 71-3527EA, 3-In-A-Row, 2" Red (No. 73-5065EA) on a Black Steel Frame.

With 3 Rectangular Sealed Clearance/Marker Lamps

Part No. 71-3531EA, 3-In-A-Row, 1" x 2" Red (No. 73-5062EA) on a White Steel Frame.
Part No. 71-3512EA, 3-In-A-Row, 1" x 4" Red (No. 73-5077EA) on an Aluminum Frame.



Sealed License & Utility Lamps

LICENSE & UTILITY LAMPS

Part No. 70-4816EA, Clear Light, Grey Polycarbonate Housing & Pigtail.
Part No. 70-4815EA, Clear Light, White Rail Mount and Pigtail.
Part No. 70-4820EA, Clear Light, Branch Deflector and Hotwire.
Part No. 73-5083EA, Clear 1 Bulb Rectangular, 1" x 2" (Polycarbonate Lens & Housing).
Part No. 76-4073EA, Plug, Right Angle/Single Contact with 6" Lead.

70-4816EA

70-4815EA

70-4820EA

73-5083EA

Back-up Lamps – Sealed

ROUND 4" DIAMETER & OVAL

Part No. 72-2022EA, Round, 4" Diameter with Grommet & Pigtail Kit.
Part No. 73-5070EA, Round, 4" Diameter Single Contact.
Part No. 72-2040EA, Oval, with Grommet and Pigtail Kit.
Part No. 73-5151EA, Oval, Single Contact.
Part No. 73-5242EA, Clear, 4" LED back-up lamp. NEW!!

ACCESSORIES FOR BACK-UP LAMPS

Part No. 73-7822EA, Mounting Grommet (Black) for Round 4" dia. Open Back (Vinyl).
Part No. 73-7826EA, Mounting Grommet (Black) for Oval Open Back (Vinyl).
Part No. 76-4076EA, Plug, Straight/Double Contact with 9½" Lead.
Part No. 76-4109EA, Plug, Right Angle/Double Contact with 9½" Lead.

ta® TECHSPAN AUTOMOTIVE

Plugs, Pigtails & Wiring Harnesses

FOR SEALED LAMPS

Part No. 76-4076EA, Plug, Straight/Double Contact with 9½" Lead (for Stop/Tail Lamps).
Part No. 76-4109EA, Plug, Right Angle/Double Contact with 9½" Lead (for Stop/Tail Lamps).
Part No. 76-4073EA, Plug, Right Angle/Single Contact with 6" Lead (for Marker Lamps).
Part No. 76-4077RL, Plug, Wire Harness, Continuous 100 ft. Spool with 100 each of no. 76-4073EA plugs.

76-4076EA

76-4109EA

76-4073EA

76-4077RL

Stop & Tail Lamps

STOP & TAIL LAMPS FLUSH MOUNT (STEEL HOUSING) •ACRYLIC LENS •LENS & MOUNTING GASKETS INCLUDED

Part No. 70-6101EA, Red, Stop/Turn/Tail, Stainless Steel, Round 4", Double Contact (Bulb #2057).
Part No. 73-1022EA, Lens Replacement, Red, for 4" Flush Mount Lamps (Acrylic).

STOP & TAIL LAMPS FLUSH MOUNT (RUBBER HOUSING) •EPDM HOUSING •ACRYLIC LENS •BRASS MOUNTING HOLE GROMMETS

Part No. 70-5005EA, Red, Rubber Housing, 4" dia., Double Contact (Bulb # 1157).
Part No. 73-1022EA, Lens Replacement, Red, for 4" Flush Mount Lamps (Acrylic).

STOP & TAIL LAMPS STUD MOUNT (PLASTIC HOUSING) •PLASTIC HOUSING •ACRYLIC LENS •DOUBLE CONTACT (BULB #2057)

Part No. 70-6128EA, Red, Stop/Turn/Tail/License.
Part No. 70-6127EA, Red, Stop/Turn/Tail.

70-6128EA

70-6127EA

Directional Signal Lamps

DOUBLE FACED DIRECTIONAL SIGNAL LAMPS (FENDER-MOUNT) - ROUND •ACRYLIC LENS

Part No. 70-6139EA, Amber/Red, ABS Housing, Single Contact (Bulb #1156).
Part No. 70-6140EA, Amber/Red, ABS Housing, Double Contact (Bulb #1157).
Part No. 70-6072EA, Amber/Red, Black DieCast Housing, Double Contact (Bulb #2057).
Part No. 70-6073EA, Amber/Red, Chrome DieCast Housing, Single Contact (Bulb #1156).
Part No. 70-6074EA, Amber/Red, Chrome DieCast Housing, Double Contact (Bulb #1157).

70-6139EA

70-6072EA

70-6074EA

DOUBLE FACED DIRECTIONAL SIGNAL LAMPS WITH SIDE MARKER (FENDER-MOUNT) - SQUARE •ACRYLIC LENS

Part No. 70-6191EA, Amber/Red, Black ABS Housing, Single Contact (Bulb #1156).
Part No. 70-6192EA, Amber/Red, Chrome ABS Housing, Single Contact (Bulb #1156).

70-6191EA

70-6192EA

License Lamps

Part No. 70-4807EA, Zinc Dichromate - Plated Steel Housing.
Part No. 70-4809EA, Round Snap-in Chrome - Plated Brass.
Part No. 70-4813EA, License/Utility Lamp, Grey Plastic Housing.
Part No. 70-4817EA, For GM Vehicles, in Chrome-Plated Steel Housing.

70-4807EA

70-4809EA

70-4813EA

70-4817EA

TECHSPAN AUTOMOTIVE

Clearance/Marker Lamps

LED - SQUARE CORNER MARKER LAMPS (2" x 4") * LED Sealed Lamps have a 100,000 hour lifetime rating •POLYCARBONATE HOUSING & LENS
Part No. 71-2324EA, Red (10 Diodes) - Lens Replaceable.
Part No. 71-2325EA, Amber (10 Diodes) - Lens Replaceable.
Part No. 73-1704EA, Red Replacement Lens.
Part No. 73-1705EA, Amber Replacement Lens.

SQUARE CORNER MARKER LAMPS (2" x 4") •PLASTIC HOUSING •POLYCARBONATE LENS •TWO #194 BULBS
Part No. 71-2112EA, Red.
Part No. 71-2113EA, Amber.
Part No. 71-9001EA, Guard Protector, Chrome, for all 2" x 4" Square Corner Marker Lamps.
Part No. 73-1704EA, Red Replacement Lens.
Part No. 73-1705EA, Amber Replacement Lens.

71-2112EA

71-2113EA

71-9001EA

OVAL MARKER LAMPS (2" x 4") •PLASTIC HOUSING •ACRYLIC LENS •TWO #194 BULBS
Part No. 71-2079EA, Red.
Part No. 71-2080EA, Amber.
Part No. 71-2083EA, Red Reflective, Low Profile.
Part No. 71-2084EA, Amber Reflective, Low Profile.

71-2079EA

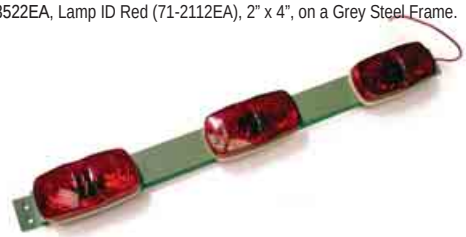
71-2083EA

ROUND MARKER LAMPS (2½" DIAMETER) •PLASTIC HOUSING •POLYCARBONATE LENS •ONE #194 BULB
Part No. 71-2098EA, Red.
Part No. 71-2099EA, Amber.

NARROW RAIL MARKER LAMPS (1-1/8" X 3½") •PLASTIC HOUSING •ACRYLIC LENS •ONE #193 BULB
Part No. 71-2199EA, Red.
Part No. 71-2200EA, Amber.

3-In-A-Row Identification Lamp

WITH 3 BULB REPLACEABLE MARKER LAMPS •Durable Steel Frames are Powder Coated to Resist Corrosion
Part No. 71-3522EA, Lamp ID Red (71-2112EA), 2" x 4", on a Grey Steel Frame.



Cab Marker Lamps

•ACRYLIC LENS •GASKETS INCLUDED •USES #67 BULB
Part No. 71-4025EA, Amber, Triangle 8-1/4" x 2-5/8" Diecast Chrome Housing.
Part No. 71-4034EA, Amber, Triangle 1-3/4" x 5-1/2" Flush Mount ABS Base.

71-4025EA

71-4034EA

Reflectors

Part No. 71-6021EA, Red, Oval 1-15/16" x 4-7/16" Self Adhesive & 2 Mounting Holes.
Part No. 71-6022EA, Amber, Oval 1-15/16" x 4-7/16" Self Adhesive & 2 Mounting Holes.
Part No. 71-6044EA, Red, Round 3-3/16" Diameter Self Adhesive.
Part No. 71-6045EA, Amber, Round 3-3/16" Diameter Self Adhesive.
Part No. 71-6042EA, Red, Round 3-3/16" Diameter Centre Hole Plastic Back.
Part No. 71-6043EA, Amber, Round 3-3/16" Diameter Centre Hole Plastic Back.

71-6021EA

71-6044EA

71-6043EA

71-6022EA

Round Dome Lamps

•ACRYLIC LENS •STEEL BASE •USES #1156 BULB
Part No. 72-2800EA, 6¾" Diameter, Chrome Finish, with Switch.

ta® TECHSPAN AUTOMOTIVE

Tractor/Utility Lamps

•THERMO-PLASTIC RESIN (TPR) HOUSING

Part No. 72-5039EA, 4½" Par 36 SB#4411

Part No. 72-5040EA, 5¾" Par 46 SB#4413.

•POWDER COATED BLACK ENAMEL STEEL HOUSING

Part No. 72-5022EA, 4½" Par 36 SB#4411.

•ABS HOUSING

Part No. 72-5064EA, Trapezoid, H3 55 Watt Halogen Rectangular 3" x 5".

Part No. 72-5065EA, Flood, H3 55 Watt Halogen Rectangular 3" x 5".

Part No. 72-5066EA, Spot, H3 55 Watt Halogen Rectangular 3" x 5".

72-5039EA

72-5040EA

72-5022EA

72-5066EA

Fog/Utility Lamps

•CHROME PLATED STEEL HOUSING

Part No. 72-6503EA, Chrome, 4½" Par 36 SB#4411.

Flashers

•MEETS SAE J590 & SAE J945

Part No. 74-3000EA, Flasher, HD, 12V 2 Pin, Round, Load Rating 1-10, 25 Watt lamps, 60-120 FPM.

Part No. 74-3001EA, Flasher, HD, 12V 3 Pin, Round, Load Rating 1-10, 25 Watt lamps, 60-120 FPM.

Part No. 74-3054EA, Thermal Flasher, 12V 2 Pin, HD 552, Load Rating 1-6 25 Watt lamps.

74-3000EA

74-3001EA

74-3054EA

Revolving Lights

Part No. 74-5304EA, Intermediate Revolving Light, Rotating Parabolic Reflector, Polycarbonate Amber Lens, Anodized Aluminum base, Surface mount, 12VDC, meets SAE J845, Amp. Draw 4 max., 50 watt halogen bulb, 7¾" High x 8-7/8" Diameter.

Part No. 74-5175EA, Teardrop Style Revolving Light - Magnetic Mount, Acrylic Amber lens, Magnetic mount with cigarette plug adapter, 12VDC, Amp. draw 3 max., 50 watt incandescent bulb, 5½" High x 5¾" Diameter.

74-5304EA

74-5175EA

Strobe Warning Lights

Part No. 74-5257EA, High-Intensity Senior Strobe Warning Light, Polycarbonate Amber Lens, Clear Dust Cover, Anodized Aluminum Base, Surface Mount, Fully Encapsulated Circuitry, 12-48 VDC. 7¾" High x 8¾" Diameter. Amp. Draw 2.5 Max., Meets SAE J1318.

Part No. 74-5260EA, High-Intensity Medium Profile Strobe Warning Light, Polycarbonate Amber Lens, Anodized Aluminum Base, Surface Mount, Fully Encapsulated Circuitry, 12-48 VDC. 7¼" High x 7-5/8" Diameter. Amp. Draw 2.5 Max., Meets SAE J1318.

Part No. 74-5266EA, Junior Strobe Low Profile Warning Light, Polycarbonate Amber Lens, Single Flash, Rubber Base, Surface Mount, Fully Encapsulated Circuitry, 12 VDC. 4-7/8" High x 5-7/8" Diameter. 3 Joule/Sec.@ Single Flash. Amp. Draw .5 Max.

Part No. 74-5270EA, Junior Strobe Low Profile Warning Light, Polycarbonate Amber Lens, Single Flash, Rubber Base, Magnetic Mount, Fully Encapsulated Circuitry, 12 VDC. 5-1/8" High x 5-7/8" Diameter. 3 Joule/Sec.@ Single Flash. Amp. Draw .5 Max.

Part No. 74-5000EA, Pipe or Flange Mount 120 Volt Strobe. Red. Sonic welded construction, base to lens, sealed to protect against dust, dirt, and moisture. Reinforced construction to protect against shock and vibration. 60 single flashes per minute, 2 joules, 0.2 amps, 200 candela/sec. UL listed.

NEW!!

Part No. 74-5001EA, Same as #74-5000EA except amber.

Part No. 74-5002EA, Same as #74-5000EA except blue.

Part No. 74-5317EA, Industrial Mini Strobe, Amber, Single Flash, 12V - 120V applications. 3.5"H x 5" base diameter. 2 Joules. Amp. Draw 0.25.

Part No. 74-5318EA, Industrial Mini Strobe, Blue, Single Flash, 12V - 120V applications. 3.5"H x 5" base diameter. 2 Joules. Amp. Draw 0.25.

74-5257EA

74-5260EA

74-5266EA

74-5270EA

74-5002EA

74-5317EA

74-5318EA

Mini Light Bars

Part No. 74-5283EA, 16" Mini Light Bar, 2 Rotating Parabolic Reflectors w/ centre "V" mirrors, Polycarbonate Amber lens, flush Aluminum base, Surface mount, 12VDC, Meets SAE J845, Amp. draw 8 max., 50 watt halogen bulbs, 4-5/8" High x 16" Length.

Convex Mirrors

•ABS HOUSING ON ROUND MIRRORS •STEEL HOUSING ON RECTANGULAR MIRRORS •STICK-ON

Part No. 75-4117EA, Round 2".
Part No. 75-4067EA, Round 3".
Part No. 75-4008EA, Round 3¾".
Part No. 75-4039EA, Rectangular 5½" x 4".

Convex Mirror Assemblies (Round)

•COMES COMPLETE WITH STAINLESS STEEL 'L' BRACKET

Part No. 75-6019EA, Black Enamel Steel, 5" Diameter.
Part No. 75-6018EA, Stainless Steel, 5" Diameter.
Part No. 75-6001EA, Black Enamel Steel, 6" Diameter.
Part No. 75-6010EA, Stainless Steel, 6" Diameter.
Part No. 75-6012EA, Black Enamel Steel, 7½" Diameter.
Part No. 75-6013EA, Stainless Steel, 7½" Diameter.

Accessories For Convex Mirror Assemblies

•(MIRROR NOT INCLUDED)

Part No. 75-9012EA, Convex Mirror Arm & Bracket, Black.
Part No. 75-9035EA, Convex Mirror Arm & Bracket, Stainless Steel.
Part No. 75-5928EA, Convex Mirror 'L'-Type Bracket, Stainless Steel.
Part No. 75-9846EA, Mirror Tripod Arm Assembly, Fender-mount, Stainless Steel.

Mirrors

•STAINLESS STEEL HOUSING

Part No. 75-4408EA, Senior West Coast, 6" x 16".
Part No. 75-4428EA, Senior West Coast, Heated 6" x 16".
Part No. 75-4454EA, Senior West Coast, Heated/Lighted 6" x 16".
Part No. 75-4490EA, Senior West Coast, OE Style Heated/Lighted 7" x 16".

•ALUMINUM HOUSING

Part No. 75-4479EA, West Coast, Economy 6" x 16".

75-4408EA

75-4454EA

75-4479EA

75-4490EA

Back-up Alarms

•OPERATING TEMP -30° TO 55°C STEAM CLEANABLE SOLID STATE ELECTRONICS ENCAPSULATED IN EPOXY POLARITY PROTECTED NYLON HOUSING

Part No. 77-7082EA, Back-up Alarm, 12-24V 97dB.
Part No. 77-7083EA, Back-up Alarm, 12-24V 107 dB.
Part No. 77-7084EA, Back-up Alarm, 12-24V 112 dB.
Part No. 77-9155EA, Back-up Alarm Activating Switch. Use on any Back-up Alarm. Designed for use on vehicles without back-up lamps. Mounts adjacent to gear shift lever. Moisture resistant.

77-7082EA

77-7083EA

77-7084EA

77-9155EA

ta® TECHSPAN AUTOMOTIVE

RUBBER TRACTOR/IMPLEMENT LAMP
•Universal adjustable mount with 5/16" mounting stud •Comes complete with PAR 36 4411 sealed beam
Part No. M507, Tractor lamp.

UNIVERSAL, OEM STYLE TAIL LAMPS
•Three ¼" dia. mounting studs on 2" triangle pattern •Interchangeable with competitive units
Part No. 442, Red, RH.
Part No. 442L, Red, LH, w/ license illuminator.

UNIVERSAL TAIL LAMPS
•Three ¼" dia. mounting studs on 2" triangle pattern •Interchangeable with competitive units
Part No. 445, Red w/ license illuminator.

RECTANGULAR CLEARANCE LAMP
•Two bulb •3-13/16" x 1¼"
Part No. M154A, Amber.
Part No. M154R, Red.
Part No. M154A-R, Amber/Red.

2" ROUND SEALED CLEARANCE LAMP
Part No. M146A, Amber.
Part No. M146R, Red.

2½" ROUND SEALED CLEARANCE LAMP
Part No. M142A, Amber.
Part No. M142R, Red.

2½" ROUND SEALED CLEARANCE LAMP W/ REFLECTOR
Part No. M143A, Amber.
Part No. M143R, Red.

RED ID BARS
1" wide for mounting in narrow rails
Part No. M107-3R, Three 107W lights on an enameled, white steel bar. 16-1/8" length.

OVAL SEALED SIDE MARKER/SIGNAL LAMPS
Part No. 352R, Red, rear lamp.
Part No. M352A, Amber lamp only.
Part No. M352KA, Amber lamp kit.

OVAL SEALED STOP/TURN/TAIL LAMP
Part No. M421R, Red, lamp only.
Part No. M421KR, Red, lamp kit.
Part No. M421A, Amber, lamp only.
Part No. M421KA, Amber, lamp kit.

Lamp Kit

4" ROUND STOP/TURN/TAIL LAMP
Part No. M426R, Red, lamp only.
Part No. M426KR, Red, lamp kit.
Part No. M426A, Amber, lamp only.
Part No. 426KA, Amber, lamp kit.

4" ROUND STOP/TURN/TAIL LAMP W/ REFLECTOR
Part No. M427R, Red, lamp only.
Part No. 427KR, Red, lamp kit.

VIBAR® LICENSE LIGHT WITH BRACKET
Part No. M436B, Clear.

LICENSE PLATE LIGHT - SURFACE MOUNT
Mounts on 2¾" centres.
Part No. M439, Clear.

4" ROUND BACK-UP LAMP
Part No. M415, Clear, lamp only.

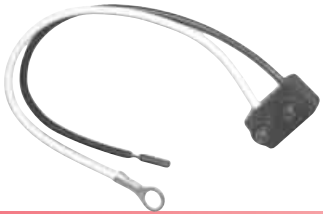
SURFACE GROMMET MOUNT
Part No. B146-18, Grommet only, for 2" lamps.
Part No. B143-18, Grommet only, for 2½" lamps.

RECESSED GROMMET MOUNT
Part No. B142-18, Grommet only, for 2½" lamps.

GROMMET MOUNT FOR OVAL LAMPS
Part No. B421-18, Grommet only.

GROMMET MOUNT FOR 4" LAMPS
Part No. B426-18, Grommet only.

WIRE PIGTAILS
Part No. B142-49, 2 wire pigtail for all clearance marker lamps.
Part No. B421-49, 2 wire right angle pigtail for single contact tail and marker lamps.
Part No. B431-491, 3 wire straight pigtail for 4" round tail, signal, and back-up lamps.
Part No. B431-49, 2 wire straight pigtail for use with all single contact sealed units.



MOUNTING BRACKETS
Part No. 421-09, Oval lamp mounting bracket with 90° flange.
Part No. 426-09, 4" round lamp mounting bracket with 90° flange.

CLEARANCE LAMP

•High impact moulded housing with snap on lens •Two #194 bulbs
Part No. 26-0770A, Clearance lamp, amber.

ROUND TRACTOR/UTILITY LIGHTS

•Round tractor lights w/ rubber housing and steel mounting bracket
Part No. 32-4411, 5" dia. sealed beam #4411, par 36, 12V DC.
Part No. 32-4419, 6" dia. sealed beam #4419, par 46, 12V DC.
Part No. 32-0505, 5" dia. rubber housing only, fits par 36 sealed beam.
Part No. 32-0506, 6" dia. rubber housing only, fits par 46 sealed beam.

5" x 7" RECTANGULAR TRACTOR/UTILITY LIGHTS

•Auxiliary driving lamp w/ rubber housing and steel mounting bracket
Part No. 32-7935H, Halogen light w/ rubber housing, 12V DC.
Part No. 32-0507, Rubber housing only: fits H7935 and 4921.
Part No. 32-0507F, Rubber housing only: fits 4651, 4652, H4651, H4656.

4" x 6" RECTANGULAR DUAL H3 HALOGEN WORK LAMP

•High impact housing and steel mounting bracket
Part No. AG-4620, Dual H3 halogen, 55 watt, 12 volt.
Part No. AG-4620-24, Dual H3 halogen, 70 watt, 24 volt.

•Fits any 5" PAR 36 tractor/utility light with metal bracket
Part No. 90289C, L.H. light deflector.
Part No. 90290C, R.H. light deflector.

CELEBRATING 40 YEARS
40
1968 Gregg 2008

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Strobe Beacons, Halogen Beacons

Choose from a wide variety of strobe and halogen beacons. Replacement parts are available. Also available in magnetic mount.

Mini Lightbars

Effective strobe warning delivered in a compact, economical size. Quality mini lightbars designed for performance. Available in revolving or strobe form.

Lightbars

JetStream™, JetStrobe™, Vista™, Turbo Beam® Plus, AeroDynic®, EconoMaster™. A variety of configurations and replacement parts too.

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Remote Strobes, Directional Heads, Mounts, Complete Systems, Tractor/Utility Lamps & VisiBeam® II / Littlite®

Directional Lights

Rugged and effective for increased safety. Complete SignalMaster™ systems.

Switches & Miscellaneous Products

Switches for lighting systems, AudioMaster™ Two-Way Intercoms, and grille lights.

FIREBOLT® STROBES

•No flash tube or power supply available for this series
•Dimensions: 3.6" H x 5.0" Dia.

Part No. 220100-02, Firebolt, 12 - 72 VDC, amber.
Part No. 220100-03, Firebolt, 12 - 72 VDC, blue.
Part No. 220100-04, Firebolt, 12 - 72 VDC, red.
Part No. 220100-05, Firebolt, 12 - 72 VDC, clear.
Part No. 220100-06, Firebolt, 12 - 72 VDC, green.

Part No. 210873-02, Firebolt, 12 - 72 VDC, with magnetic mount, amber.
Part No. 210873-03, Firebolt, 12 - 72 VDC, with magnetic mount, blue.
Part No. 210873-04, Firebolt, 12 - 72 VDC, with magnetic mount, red.
Part No. 210873-05, Firebolt, 12 - 72 VDC, with magnetic mount, clear.
Part No. 210873-06, Firebolt, 12 - 72 VDC, with magnetic mount, green.

Part No. 212356-02, Firebolt, 115 VAC, amber.
Part No. 212356-03, Firebolt, 115 VAC, blue.
Part No. 212356-04, Firebolt, 115 VAC, red.
Part No. 212356-05, Firebolt, 115 VAC, clear.
Part No. 212356-06, Firebolt, 115 VAC, green.

FIREBOLT® PLUS STROBE

•The Firebolt strobe works in multiple voltages 12 - 72 VDC •Features a replaceable strobe tube as well as a modular power supply •Dimensions: 3.6" H x 5.0" Dia.

Part No. 220200-02, Firebolt Plus, amber.
Part No. 220200-03, Firebolt Plus, blue.
Part No. 220200-04, Firebolt Plus, red.
Part No. 220200-05, Firebolt Plus, clear.
Part No. 220200-06, Firebolt Plus, green.

Part No. 220208-02, Firebolt Plus, with magnetic mount, amber.
Part No. 220208-03, Firebolt Plus, with magnetic mount, blue.
Part No. 220208-04, Firebolt Plus, with magnetic mount, red.
Part No. 220208-05, Firebolt Plus, with magnetic mount, clear.
Part No. 220208-06, Firebolt Plus, with magnetic mount, green.

REPLACEMENT PARTS FOR FIREBOLT STROBES

Part No. 211550-95, 12 - 72 VDC power supply for Firebolt Plus series only.

Part No. 211300-95, Flash tube for Firebolt Plus series only.

Part No. 211360-95, 12 - 72 VDC power supply/ flash tube for Firebolt Plus series only.

Part No. 205580-95, Amber dome.
Part No. 205581-95, Red dome.
Part No. 205582-95, Clear dome.
Part No. 205583-95, Green dome.
Part No. 205584-95, Blue dome.
Part No. 200523-95, Dome gasket.
Part No. 200290-95, Replacement cigarette plug.

LED PULSATOR® BEACON

•An industry first — a polycarbonate base Class I LED beacon (Class II version available) •LEDNode technology for zero maintenance lighting; no bulbs or strobe tubes to replace •Flash competely fills the dome; no dark spots or shadows •Ten selectable "strobing" flash patterns •Power Select feature; easily switch flash patterns by powering on/off •Synchronize or alternately flash with multiple LED Pulsator units or a variety of other LED light heads (Class I version) •Multi-voltage, 12 - 24 VDC; maximum of 0.80 amps, 0.35 amps average •Available in permanent mount

Part No. 212660-02, Class I.
Part No. 212650-02, Class II.
Part No. Z-8444374-03, Amber strobe lens.

PULSATOR® 451 (LOW PROFILE) & PULSATOR® 551 (HIGH PROFILE) STROBES

•The Pulsator strobe is a multi-voltage 12 - 48 VDC beacon ideal for applications that require water resistant performance and easy maintenance •Heavy duty versions feature a helical strobe tube and a power supply encased in gel for superior performance in high vibration environments
•Pulsator® 451 dimensions: 4.0" H x 6.5" Dia.
•Pulsator® 551 dimensions: 6.0"H x 6.5" Dia.

Part No. 211680-02, Pulsator 451, double flash, amber.
Part No. 211680-03, Pulsator 451, double flash, blue.
Part No. 211680-04, Pulsator 451, double flash, red.
Part No. 211680-05, Pulsator 451, double flash, clear.
Part No. 211680-06, Pulsator 451, double flash, green.

Part No. 211823-02, Pulsator 451, double flash, heavy duty, amber.
Part No. 211823-03, Pulsator 451, double flash, heavy duty, blue.
Part No. 211823-04, Pulsator 451, double flash, heavy duty, red.
Part No. 211823-05, Pulsator 451, double flash, heavy duty, clear.
Part No. 211823-06, Pulsator 451, double flash, heavy duty, green.

Part No. 211681-02, Pulsator 551, double flash, amber.
Part No. 211681-03, Pulsator 551, double flash, blue.
Part No. 211681-04, Pulsator 551, double flash, red.
Part No. 211681-05, Pulsator 551, double flash, clear.
Part No. 211681-06, Pulsator 551, double flash, green.

Part No. 211820-02, Pulsator 551, double flash, heavy duty, amber.
Part No. 211820-03, Pulsator 551, double flash, heavy duty, blue.
Part No. 211820-04, Pulsator 551, double flash, heavy duty, red.
Part No. 211820-05, Pulsator 551, double flash, heavy duty, clear.
Part No. 211820-06, Pulsator 551, double flash, heavy duty, green.

REPLACEMENT PARTS FOR PULSATOR STROBES

Part No. 439411-95, Flash tube for 451 series.
Part No. 439290-95, Flash tube for 551 series.

Part No. 208567-95, Amber dome, for 451 series.
Part No. 208566-95, Blue dome, for 451 series.
Part No. 208568-95, Red dome, for 451 series.
Part No. 208569-95, Clear dome, for 451 series.
Part No. 208564-95, Green dome, for 451 series.

Part No. 208667-95, Amber dome, for 551 series.
Part No. 208666-95, Blue dome, for 551 series.
Part No. 208668-95, Red dome, for 551 series.
Part No. 208669-95, Clear dome, for 551 series.
Part No. 208664-95, Green dome, for 551 series.

Part No. 210387, Wiring kit, one strobe.
Part No. 210376, Wiring kit, two strobes.

MODEL 401 (LOW PROFILE) STROBES

•The model 401 strobe works in multiple voltages 12 - 48 VDC •Features corrosion resistant, vibration dampening rubber base to absorb harsh shocks •Dimensions: 5.7" H x 5.9" Dia.

Part No. 220300-02, Model 401, single flash, amber.
Part No. 220300-03, Model 401, single flash, blue.
Part No. 220300-04, Model 401, single flash, red.
Part No. 220300-05, Model 401, single flash, clear.
Part No. 220300-06, Model 401, single flash, green.

Part No. 220308-02, Model 401, single flash with magnetic mount kit, amber.
Part No. 220308-03, Model 401, single flash with magnetic mount kit, blue.
Part No. 220308-04, Model 401, single flash with magnetic mount kit, red.
Part No. 220308-05, Model 401, single flash with magnetic mount kit, clear.
Part No. 220308-06, Model 401, single flash with magnetic mount kit, green.

REPLACEMENT PARTS FOR MODEL 401 STROBES

Part No. 211141-95, Flash tube.
Part No. 210387, Wiring kit, one strobe.
Part No. 210376, Wiring kit, two strobes.
Part No. 200290-95, Replacement cigarette plug.

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MODEL 851 PLUS STROBES

•The model 851 strobe works in multiple voltages 12 - 48 VDC •Features corrosion resistant anodized aluminum open base
•Dimensions: 7.5" H x 6.6" Dia.

Part No. 420400-02, Model 851, double flash, amber.
Part No. 420400-03, Model 851, double flash, blue.
Part No. 420400-04, Model 851, double flash, red.
Part No. 420400-05, Model 851, double flash, clear.
Part No. 420400-06, Model 851, double flash, green.

Part No. 211946-02, Model 851, quad flash, amber.
Part No. 211946-03, Model 851, quad flash, blue.
Part No. 211946-04, Model 851, quad flash, red.
Part No. 211946-05, Model 851, quad flash, clear.
Part No. 211946-06, Model 851, quad flash, green.

REPLACEMENT PARTS FOR MODEL 851 STROBES

Part No. Z2005265A, 12 - 48 VDC power supply, double flash.
Part No. 211400-95, Flash tube.
Part No. 200775-95, Amber dome.
Part No. 200771-95, Blue dome.
Part No. 200773-95, Red dome.
Part No. 200772-95, Clear dome.
Part No. 200774-95, Green dome.

MODEL 901 (LOW PROFILE) & MODEL 951 (HIGH PROFILE) STROBES

•Multi-voltage 12 - 48 VDC strobe •Features corrosion resistant anodized aluminum open base
•Model 901 dimensions: 5.5" H x 6.6" Dia.
•Model 951 dimensions: 8.2"H x 6.6" Dia.

Part No. 211740-02, Model 901, double flash, amber.
Part No. 211740-03, Model 901, double flash, blue.
Part No. 211740-04, Model 901, double flash, red.
Part No. 211740-05, Model 901, double flash, clear.
Part No. 211740-06, Model 901, double flash, green.

Part No. 211742-02, Model 951, double flash, amber.
Part No. 211742-03, Model 951, double flash, blue.
Part No. 211742-04, Model 951, double flash, red.
Part No. 211742-05, Model 951, double flash, clear.
Part No. 211742-06, Model 951, double flash, green.

REPLACEMENT PARTS FOR MODELS 901 & 951 STROBES

Part No. 211200-95, Flash tube for model 901.
Part No. 211400-95, Flash tube for model 951.
Part No. 200767-95, Amber dome for model 901.
Part No. 200775-95, Amber dome for model 951.
Part No. 200766-95, Blue dome for model 901.
Part No. 200771-95, Blue dome for model 951.
Part No. 200769-95, Red dome for model 901.
Part No. 200773-95, Red dome for model 951.
Part No. 200768-95, Clear dome for model 901.
Part No. 200772-95, Clear dome for model 951.
Part No. 200770-95, Green dome for model 901.
Part No. 200774-95, Green dome for model 951.

MODEL 651 PLUS STROBES

•The model 651 strobe works in multiple voltages 12 - 48 VDC •Features corrosion resistant anodized aluminum open base
•Dimensions: 5.7" H x 6.6" Dia.

Part No. 420200-02, Model 651, double flash, amber.
Part No. 420200-03, Model 651, double flash, blue.
Part No. 420200-04, Model 651, double flash, red.
Part No. 420200-05, Model 651, double flash, clear.
Part No. 420200-06, Model 651, double flash, green.

Part No. 211944-02, Model 651, quad flash, amber.
Part No. 211944-03, Model 651, quad flash, blue.
Part No. 211944-04, Model 651, quad flash, red.
Part No. 211944-05, Model 651, quad flash, clear.
Part No. 211944-06, Model 651, quad flash, green.

REPLACEMENT PARTS FOR MODEL 651 STROBES

Part No. 211200-95, Flash tube.
Part No. 200767-95, Amber dome.
Part No. 200766-95, Blue dome
Part No. 200769-95, Red dome.
Part No. 200768-95, Clear dome.
Part No. 200770-95, Green dome.

PHASE II® STROBES

•Multi-voltage 12 - 48 VDC beacon •Features hermetically sealed base to support the circuit board and provide superior water resistance
•Dimensions: 8.05" H x 10.5" Dia.

PHASE II® 162 STROBES

•Specifically designed for class 1 applications •Strobe is a powerful 16 joules
Part No. 211880-02, Model 162, double flash, heavy duty, amber.
Part No. 211880-03, Model 162, double flash, heavy duty, blue.
Part No. 211880-04, Model 162, double flash, heavy duty, red.
Part No. 211880-05, Model 162, double flash, heavy duty, clear.
Part No. 211880-06, Model 162, double flash, heavy duty, green.

Part No. 421200-02, Model 162, double flash, Class 1, amber.
Part No. 421200-03, Model 162, double flash, Class 1, blue.
Part No. 421200-04, Model 162, double flash, Class 1, red.
Part No. 421200-05, Model 162, double flash, Class 1, clear.
Part No. 421200-06, Model 162, double flash, Class 1, green.

PHASE II® 1262 STROBES

•Offers 12 joules of high intensity flash output and 6 joules for low intensity
Part No. 211874-02, Model 1262, double flash, heavy duty, amber.
Part No. 211874-03, Model 1262, double flash, heavy duty, blue.
Part No. 211874-04, Model 1262, double flash, heavy duty, red.
Part No. 211874-05, Model 1262, double flash, heavy duty, clear.
Part No. 211874-06, Model 1262, double flash, heavy duty, green.

Part No. 420800-02, Model 1262, double flash with hi/low, amber.
Part No. 420800-03, Model 1262, double flash with hi/low, blue.
Part No. 420800-04, Model 1262, double flash with hi/low, red.
Part No. 420800-05, Model 1262, double flash with hi/low, clear.
Part No. 420800-06, Model 1262, double flash with hi/low, green.

PHASE II® 1682 STROBES

•Offers 16 joules of high intensity flash output and 8 joules for low intensity
Part No. 211877-02, Model 1682, double flash, heavy duty, amber.
Part No. 211877-03, Model 1682, double flash, heavy duty, blue.
Part No. 211877-04, Model 1682, double flash, heavy duty, red.
Part No. 211877-05, Model 1682, double flash, heavy duty, clear.
Part No. 211877-06, Model 1682, double flash, heavy duty, green.

Part No. 420900-02, Model 1682, double flash with hi/low, amber.
Part No. 420900-03, Model 1682, double flash with hi/low, blue.
Part No. 420900-04, Model 1682, double flash with hi/low, red.
Part No. 420900-05, Model 1682, double flash with hi/low, clear.
Part No. 420900-06, Model 1682, double flash with hi/low, green.

PHASE II® GIGASTROBE®

•Offers 22 joules of high intensity flash output
Part No. 211730-02, Gigastrobe, single flash, amber.
Part No. 211730-03, Gigastrobe, single flash, blue.
Part No. 211730-04, Gigastrobe, single flash, red.
Part No. 211730-05, Gigastrobe, single flash, clear.
Part No. 211730-06, Gigastrobe, single flash, green.

REPLACEMENT PARTS FOR PHASE II® STROBES

Part No. 439212-95, 12 - 48 VDC power supply, single flash, for Gigastrobe.
Part No. 211146-95, Flash tube for model 842.
Part No. 211800-95, Flash tube for models1262, 1682, 162, Gigastrobe.
Part No. 205560-95, Amber dome.
Part No. 205562-95, Blue dome.
Part No. 205561-95, Red dome.
Part No. 205563-95, Clear dome.
Part No. 205564-95, Green dome.
Part No. 205565-95, Replacement dust cover.

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ARCTIC STROBES

•This is a multi-volt 12 - 48 VDC strobe •Rated from -75°C to 65°C. Powerful 8 joule power supply
•Dimensions: 8.6" H x 9.0" Dia.
Part No. 211777-02, Arctic strobe, double flash, amber.
Part No. 211777-03, Arctic strobe, double flash, blue.
Part No. 211777-04, Arctic strobe, double flash, red.
Part No. 211777-05, Arctic strobe, double flash, clear.
Part No. 211777-06, Arctic strobe, double flash, green.

REPLACEMENT PARTS FOR ARCTIC STROBE

Part No. 439356-95, 12 - 48 VDC power supply, double flash.
Part No. 439413-95, Flash tube.
Part No. 200775-95, Amber dome.
Part No. 200773-95, Red dome.
Part No. 200772-95, Clear dome.
Part No. 200774-95, Green dome.
Part No. 200771-95, Blue dome.
Part No. 200762-95, Replacement dust cover.

FIREBEAM® WARNING LIGHT

•Brightest compact warning light. Complete with magnetic mount, 10 ft. cord with cigarette lighter plug •Draws only 4.3 amps
•Dimensions: 3.8" H x 4.8" W x 5.1" D.
Part No. FB3ME-02, Firebeam, 12 VDC, 95 FPM, amber.
Part No. FB3ME-03, Firebeam, 12 VDC, 95 FPM, blue.
Part No. FB3ME-04, Firebeam, 12 VDC, 95 FPM, red.
Part No. FB3ME-05, Firebeam, 12 VDC, 95 FPM, clear.
Part No. FB3ME-06, Firebeam, 12 VDC, 95 FPM, green.

Part No. FB3ME-24-02, Firebeam, 24 VDC, 95 FPM, amber.
Part No. FB3ME-24-03, Firebeam, 24 VDC, 95 FPM, blue.
Part No. FB3ME-24-04, Firebeam, 24 VDC, 95 FPM, red.
Part No. FB3ME-24-05, Firebeam, 24 VDC, 95 FPM, clear.
Part No. FB3ME-24-06, Firebeam, 24 VDC, 95 FPM, green.

REPLACEMENT PARTS FOR FIREBEAM®

Part No. 439237-95, H1 bulb, 12 VDC, 55W.
Part No. 439231-95, H1 bulb, 24 VDC, 70W.
Part No. 440500-02, Amber dome.
Part No. 440500-03, Blue dome.
Part No. 440500-04, Red dome.
Part No. 440500-05, Clear dome.
Part No. 440500-06, Green dome.
Part No. 440500-07, Purple dome.

MODEL 100 ROTATING BEACON

•Powerful warning signal (80,000+ candelas) halogen rotator •Draws only 4.3 amps
•Dimensions: 7.5" H x 8.5" Dia.
Part No. 442112-02, Model 100, 12 VDC, 175 FPM, (100F-012), amber.
Part No. 442112-03, Model 100, 12 VDC, 175 FPM, (100F-012), blue.
Part No. 442112-04, Model 100, 12 VDC, 175 FPM, (100F-012), red.
Part No. 442112-05, Model 100, 12 VDC, 175 FPM, (100F-012), clear.
Part No. 442112-06, Model 100, 12 VDC, 175 FPM, (100F-012), green.

Part No. 443114-02, Model 100, 24 VDC, 95 FPM, (100-024), amber.
Part No. 443114-03, Model 100, 24 VDC, 95 FPM, (100-024), blue.
Part No. 443114-04, Model 100, 24 VDC, 95 FPM, (100-024), red.
Part No. 443114-05, Model 100, 24 VDC, 95 FPM, (100-024), clear.
Part No. 443114-06, Model 100, 24 VDC, 95 FPM, (100-024), green.

SENTRY® ROTATING BEACON

•Powerful warning signal (80,000+ candelas) with full sized reflectors and halogen bulb •Draws only 4.3 amps
•Dimensions: 6.5" H x 6.4" Dia.
Part No. 448112-02, Sentry, 12 VDC, 95 FPM, surface mount (SY12SS), amber.
Part No. 448112-03, Sentry, 12 VDC, 95 FPM, surface mount (SY12SS), blue.
Part No. 448112-04, Sentry, 12 VDC, 95 FPM, surface mount (SY12SS), red.
Part No. 448112-05, Sentry, 12 VDC, 95 FPM, surface mount (SY12SS), clear.
Part No. 448112-06, Sentry, 12 VDC, 95 FPM, surface mount (SY12SS), green.
Part No. 448112-07, Sentry, 12 VDC, 95 FPM, surface mount (SY12SS), purple.

Part No. 448114-02, Sentry, 24 VDC, 95 FPM, surface mount (SY24SS), amber.
Part No. 448114-03, Sentry, 24 VDC, 95 FPM, surface mount (SY24SS), blue.
Part No. 448114-04, Sentry, 24 VDC, 95 FPM, surface mount (SY24SS), red.
Part No. 448114-05, Sentry, 24 VDC, 95 FPM, surface mount (SY24SS), clear.
Part No. 448114-06, Sentry, 24 VDC, 95 FPM, surface mount (SY24SS), green.
Part No. 448410, Magnetic mount kit.

REPLACEMENT PARTS FOR SENTRY®

Part No. 439237-95, H1 bulb, 12 VDC, 55W.
Part No. 439231-95, H1 bulb, 24 VDC, 70W.
Part No. 448500-02, Amber dome.
Part No. 448500-03, Blue dome.
Part No. 448500-04, Red dome.
Part No. 448500-05, Clear dome.
Part No. 448500-06, Green dome.
Part No. 448500-07, Purple dome.

MODEL 14 DUAL-BEAM BEACON

•Powerful warning signal (35,000+ candelas) •Draws only 4.7 amps
•Dimensions: 7.5" H x 8.5" Dia.
Part No. 444112-02, Model 14, 12 VDC, 95 FPM, permanent mount, amber.
Part No. 444112-03, Model 14, 12 VDC, 95 FPM, permanent mount, blue.
Part No. 444112-04, Model 14, 12 VDC, 95 FPM, permanent mount, red.
Part No. 444112-05, Model 14, 12 VDC, 95 FPM, permanent mount, clear.
Part No. 444112-06, Model 14, 12 VDC, 95 FPM, permanent mount, green.

Part No. 444114-02, Model 14, 24 VDC, 95 FPM, permanent mount, amber.
Part No. 444114-03, Model 14, 24 VDC, 95 FPM, permanent mount, blue.
Part No. 444114-04, Model 14, 24 VDC, 95 FPM, permanent mount, red.
Part No. 444114-05, Model 14, 24 VDC, 95 FPM, permanent mount, clear.
Part No. 444114-06, Model 14, 24 VDC, 95 FPM, permanent mount, green.

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INCANDESCENT FLASHING BEACON

•Dimensions: 3.6" H x 5.0" Dia.
Part No. 212251-02, Incandescent beacon, 12 VDC, amber.
Part No. 212251-03, Incandescent beacon, 12 VDC, blue.
Part No. 212251-04, Incandescent beacon, 12 VDC, red.
Part No. 212251-05, Incandescent beacon, 12 VDC, clear.
Part No. 212251-06, Incandescent beacon, 12 VDC, green.

REPLACEMENT PARTS FOR INCANDESCENT FLASHING BEACON

Part No. 205580-95, Amber dome.
Part No. 205584-95, Blue dome.
Part No. 205581-95, Red dome.
Part No. 205582-95, Clear dome.
Part No. 205583-95, Green dome.
Part No. 200523-95, Dome gasket.

LOW PROFILE & HIGH PROFILE HALOGEN FLASHING BEACON

•Low Dimensions: 4.0" H x 6.5" Dia.
•High Dimensions: 6.0" H x 6.5" Dia.
Part No. 212421-02, Halogen beacon, 12 VDC, low profile, amber.
Part No. 212421-03, Halogen beacon, 12 VDC, low profile, blue.
Part No. 212421-04, Halogen beacon, 12 VDC, low profile, red.
Part No. 212421-05, Halogen beacon, 12 VDC, low profile, clear.
Part No. 212421-06, Halogen beacon, 12 VDC, low profile, green.

Part No. 212426-02, Halogen beacon, 12 VDC, high profile, amber.
Part No. 212426-03, Halogen beacon, 12 VDC, high profile, blue.
Part No. 212426-04, Halogen beacon, 12 VDC, high profile, red.
Part No. 212426-05, Halogen beacon, 12 VDC, high profile, clear.
Part No. 212426-06, Halogen beacon, 12 VDC, high profile, green.

REPLACEMENT PARTS FOR HALOGEN FLASHING BEACON

Part No. 208762, Amber dome for low profile.
Part No. 208763, Blue dome for low profile.
Part No. 208764, Red dome for low profile.
Part No. 208765, Clear dome for low profile.
Part No. 208766, Green dome for low profile.

Part No. 208667-95, Amber dome for high profile.
Part No. 208666-95, Blue dome for high profile.
Part No. 208668-95, Red dome for high profile.
Part No. 208669-95, Clear dome for high profile.
Part No. 208664-95, Green dome for high profile.

MULTI-DIRECTIONAL REMOTE STROBE HEAD

•Dimensions: 5.3" H x 5.3" W x 6.6" D
Part No. 601601-22, Two head multi-directional remote strobe.

TURBO BEAM® PLUS LIGHTBARS

•Turbo Beam lightbars are economical, yet durable. Complete with an anodized aluminum raised base that eases installation and maintenance.
Part No. 211916-02SB, Turbo Beam Plus, 47", 12 VDC, amber.
Part No. 211916-03SB, Turbo Beam Plus, 47", 12 VDC, blue.
Part No. 211916-04SB, Turbo Beam Plus, 47", 12 VDC, red.

ROOF MOUNT KIT

•Black anodized aluminum extrusion with a channel for attaching standard mounting feet •A variety of different warning lights, including mini-lightbars and rotating lights and auxiliary equipment can be mounted onto the bar
Part No. 210960-46, 46" roof mount kit.
Part No. 210960-54, 54" roof mount kit.
Part No. 439194-95, Repair kit, c/w tool and 10 clips.

Light Not Included

TURBO BEAM® PLUS MINI-LIGHTBARS

•Raised base to ease mounting and maintenance •Offers all the attributes of longer lightbars but in 15" and 22" lengths
Part No. 415510-02SB, Turbo Beam Plus Mini Lightbar, 15", amber.

Part No. 415611-02SB, Turbo Beam Plus Mini Lightbar, 22", amber.
Part No. 415611-04SB, Turbo Beam Plus Mini Lightbar, 22", red.

AERODYNIC® "WRECKER SPECIAL" LIGHTBARS

•AeroDynic lightbar has become the standard in the towing and recovery industry. Its brilliant rotators and unique mirrors produce 80,000 candelas per flash low current draw. Equipped with an extruded base and polycarbonate domes for extra durability.
Part No. 517112, AeroDynic, 52", (25RWLI2).
Part No. 517112-24V, AeroDynic, 52", (25RWL12), 24 V model.

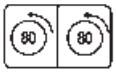
TURBO BEAM® MINI-LIGHTBARS

•Feature powerful halogen bulbs, precision parabolic reflectors, and R.F.I. suppression drive motors •Turbo Beam models have a low profile, flush aluminum base
Part No. 415010-02SC, Turbo Beam, 15", 55 W bulbs, 12 VDC, amber.
Part No. 415010-03SC, Turbo Beam, 15", 55 W bulbs, 12 VDC, blue.
Part No. 415010-04SC, Turbo Beam, 15", 55 W bulbs, 12 VDC, red.

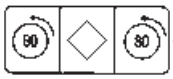
Part No. 415011-02SC, Turbo Beam, 15", 55 W bulbs, 12 VDC, with mirror, amber.
Part No. 415011-03SC, Turbo Beam, 15", 55 W bulbs, 12 VDC, with mirror, blue.
Part No. 415011-04SC, Turbo Beam, 15", 55 W bulbs, 12 VDC, with mirror, red.

Part No. 415111-02SC, Turbo Beam, 22", 55 W bulbs, 12 VDC, with mirror, amber.
Part No. 415111-03SC, Turbo Beam, 22", 55 W bulbs, 12 VDC, with mirror, blue.
Part No. 415111-04SC, Turbo Beam, 22", 55 W bulbs, 12 VDC, with mirror, red.

Part No. 211906-02SC, Turbo Beam, 15", 12 VDC, with magnetic mount, amber.
Part No. 211906-03SC, Turbo Beam, 15", 12 VDC, with magnetic mount, blue.
Part No. 211906-04SC, Turbo Beam, 15", 12 VDC, with magnetic mount, red.



415010



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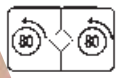


415011

REPLACEMENT PARTS FOR TURBO BEAM® MINI-LIGHTBAR

Part No. 439237-95, H1 bulb, 12 VDC, 55 W.
Part No. 411401, 10" rotator assembly for #415011.
Part No. 411165, Green end dome, right.
Part No. 411166, Blue end dome, right.
Part No. 411167, Amber end dome, right.
Part No. 411168, Clear end dome, right.
Part No. 411169, Red end dome, right.
Part No. 411175, Green centre dome.
Part No. 411176, Blue centre dome.
Part No. 411177, Amber centre dome.
Part No. 411178, Clear centre dome.
Part No. 411179, Red centre dome.
Part No. 411185, Green end dome, left.
Part No. 411186, Blue end dome, left.
Part No. 411187, Amber end dome, left.
Part No. 411188, Clear end dome, left.
Part No. 411189, Red end dome, left.
Part No. 439194-95, Repair kit, c/w tool and 10 clips.

TARGET TECH
A Unit Of Federal Signal Corporation

COMPLETE SIGNALMASTER™ SYSTEMS

•Low profile lighting system provides a variety of sequentially flashing patterns
•Dimensions: 2¾" H x 3½" D x 42" L
Part No. 322112, 320182 light with 331102 control.

VISIBEAM® II REMOTE CONTROL SPOTLIGHT

•Provides reliable, economical work area illumination with 100 watt halogen bulb that draws 7.8 amps •Can adjust the light assembly upward, downward and horizontal.
Part No. 620102, VisiBeam II, 12 VDC, 55W bulb, permanent mount (VB12S).

MAGNETIC MOUNT WORK LAMP

•Great for illuminating emergency repairs
•Features a single-pole rotary on/off switch, an anti-scratch pad, a vibration absorbing, corrosion resistant rubber housing, and a 9 ft. coiled cord with cigarette plug adapter
Part No. 325048, PAR 36, 4.5" dia., 12 VDC sealed beam.

ROUND TRACTOR LAMPS

•These lamps feature rubber housing with zinc plated steel brackets that permit both horizontal and vertical adjustment
Part No. 325039, PAR 36, 4.5" dia., 12 VDC 4411-1 sealed beam with mounting bolt.
Part No. 325040, PAR 46, 5.7" dia., 12 VDC 4419 sealed beam with mounting bolt.
Part No. 325045, PAR 36 housing only.
Part No. 325046, PAR 46 housing only.

RECTANGULAR TRACTOR LAMPS

•These lamps feature rubber housing with zinc plated steel brackets that permit both horizontal and vertical adjustment •Also has a 5/16" mounting stud
Part No. 325541, 7" x 5" sealed beam, 12 VDC c/w H4651 sealed beam.

OFF-ROAD HIGH INTENSITY LAMP

•Shock free •Complete with steel housing and vertically adjustable bolt mounting
•Halogen sealed beam lamp produces 200,000 candlepower
Part No. 323552, PAR46, 5.7" dia., 12 VDC 4537-2 sealed beam.

TOGGLE SWITCH

•Two position, long lever type with black toggle and lock nut •SPST, 12 VDC, 10 amps
Part No. 210620, Toggle switch.

TOGGLE SWITCH

•Two position, one inch bat type chrome on metal lever with two screw terminals •SPST, rated for 35 amps
Part No. 210633, Chrome on metal toggle switch.

210620 210633

TOGGLE SWITCH PANEL

•Panel for use with 1/2" dia. toggle switches or indicator lights
Part No. 210624, Single hole panel.

SWITCH KIT

•Three position toggle switch and panel for multiple light controls
•Allows isolated or joint use of light
Part No. 210390, Switch kit.

LIGHTED THREE-ROCKER SWITCH CONTROL

•Features three 20 amp lighted rocker switches on a panel that mounts flush to the dashboard
Part No. 670132, Three rocker switch control (SW-SPA).

TARGET TECH
A Unit Of Federal Signal Corporation

AEM ELECTRIC COMPANY

Snowplow Light Kits

Cushion Mount Rectangular Snowplow Light Kits - Rectangular housings are made of corrosion and impact-resistant polycarbonate. Features an integrated turn signal and parking light lens. The heavy duty cushion mounting system using 1/2" - 13 x 2" long mounting studs prolongs both sealed beam and turn signal bulb life. Kit comes complete with left and right hand snowplow lights with quartz halogen sealed beams for increased visibility, heavy duty selector switch, wiring connectors, mounting hardware and complete installation instructions.

UNIVERSAL WIRING HARNESS
Part No. 725521.

Replacement Parts:
Part No. 725532, Left-hand snowplow light.
Part No. 725533, Right-hand snowplow light.
Part No. 732467, Turn signal/parking lens (amber).
Part No. 767018, Harness (single underhood).
Part No. 767033, Complete harness system.
Part No. 765064, Heavy duty selector switch.
Part No. 739006, Spacer, swivel plated steel.

ECONOMY DO-IT-YOURSELF WIRING
Part No. 725548.

Replacement Parts:
Part No. 732467, Turn signal/parking lens (amber).
Part No. 765064, Heavy duty selector switch.
Part No. 739006, Spacer, swivel plated steel.

RETROFIT PLUG-IN HARNESS
(5 pole extended heavy duty, for straight trucks)
Part No. 725555.

Replacement Parts:
Part No. 725552, Left-hand snowplow light.
Part No. 725553, Right-hand snowplow light.
Part No. 732467, Turn signal/parking lens (amber).
Part No. 767050, 2 beam, 5 pole, extended heavy duty retrofit plug-in underhood harness.
Part No. 765064, Heavy duty selector switch.
Part No. 739006, Spacer, swivel plated steel.

RETROFIT PLUG-IN HARNESS
(4 pole, reduces installation time and labour costs)
Part No. 725531.

Replacement Parts:
Part No. 725532, Left-hand snowplow light.
Part No. 725533, Right-hand snowplow light.
Part No. 732467, Turn signal/parking lens (amber).
Part No. 767026, 2 beam, 4 pole, retrofit plug-in underhood harness.
Part No. 765064, Heavy duty selector switch.
Part No. 739006, Spacer, swivel plated steel.

RETROFIT PLUG-IN HARNESS
(5 pole, for imports and where a separate ground is required)
Part No. 725551.

Replacement Parts:
Part No. 725552, Left-hand snowplow light.
Part No. 725553, Right-hand snowplow light.
Part No. 732467, Turn signal/parking lens (amber).
Part No. 767043, 2 beam, 5 pole, retrofit plug-in underhood harness.
Part No. 765064, Heavy duty selector switch.
Part No. 739006, Spacer, swivel plated steel.

WESTERN/FISHER STYLE
(9 pin replacement for #8416)
Part No. 725561.
-(7 pin replacement for #8418)
Part No. 725571.

Underhood harness and control relay/flasher bag parts not included.

Replacement Parts:
Part No. 732467, Turn signal/parking lens (amber).
Part No. 739006, Spacer, swivel plated steel.

Snowplow Light Adapter Harness Kits

Snowplow light 4-beam system conversion kit for retrofit plug-in harness system - for use on trucks with conventional four-beam headlight system employing sealed beams #H4651, #H4656, #4651, and #4652.
Part No. 767027, Conversion kit for 725531.
Part No. 767051, Conversion kit for 725551 and 725555.

Snowplow light harness conversion kit for Ford / Mazda trucks - for use on late-model trucks employing #H9007 halogen beams.
Part No. 767029, Conversion kit for 725531.
Part No. 767052, Conversion kit for 725551 and 725555.

Snowplow light harness conversion kit for GMC / Chev, Jeep trucks - for use on trucks with low-profile four beam headlight system employing sealed beams #H4701 and #H4703.
Part No. 767030, Conversion kit for 725531.
Part No. 767053, Conversion kit for 725551 and 725555.

Snowplow light GMC / Chev. truck conversion kit for composite lighting system - for use on late-model trucks with composite four-bulb headlight system employing #H9005 and #H9006 halogen bulbs.
Part No. 767031, Conversion kit for 725531.
Part No. 767054, Conversion kit for 725551 and 725555.

Snowplow light harness conversion kit for Dodge, GMC / Chev. trucks - for use on late-model trucks employing conventional type 2E1 sealed beams #HP6545, #H6545, and #H4666.
Part No. 767032, Conversion kit for 725531.
Part No. 767055, Conversion kit for 725551 and 725555.

Snowplow light conversion kit for Ford / Dodge / Toyota / Nissan / Mazda / Isuzu trucks - for use on late-model trucks employing #H9004 halogen bulbs.
Part No. 767041, Conversion kit for 725531.
Part No. 767042, Conversion kit for 725551 and 725555.

GROTE

Cushion Mount Snowplow Light Kits & Adapter Kits

UNIVERSAL WIRING HARNESS
Part No. 63451-4EA.

Replacement Parts:
Part No. 63381EA, Left-hand snowplow light.
Part No. 63391EA, Right-hand snowplow light.

ECONOMY DO-IT-YOURSELF WIRING
Part No. 63441-4EA.

RETROFIT PLUG-IN HARNESS
(5 pole extended harness heavy duty)
Part No. 63455-4EA.

RETROFIT PLUG-IN HARNESS (4 POLE)
Part No. 63401-4EA.

Replacement Parts:
Part No. 63381EA, Left-hand snowplow light.
Part No. 63391EA, Right-hand snowplow light.

SNOWPLOW LAMPS WITH LEXAN SEALED BEAMS
Part No. 64261-4EA.

Replacement Parts:
Part No. 64241EA, Left-hand snowplow light.
Part No. 64251EA, Right-hand snowplow light.

SNOWPLOW LAMPS W/ LEXAN SEALED BEAMS & CONNECTOR
Part No. 64291-4EA.

Replacement Parts:
Part No. 64271EA, Left-hand snowplow light.
Part No. 64281EA, Right-hand snowplow light.

MOUNTING BRACKETS

Mounting Brackets

REVOLVING LAMP MOUNTING BRACKET
•Chrome heavy duty steel mounting bracket for mounting revolving lights to accommodate the curvature of truck cabs
Part No. EKW-25.

ADJUSTABLE MOUNTING BRACKET
•Heavy gauge steel, black enamel finish, ratchet-type hinge permits vertical lamp adjustment •Accommodates 1/2" maximum lamp stud diameter
Part No. 72-9003EA.

EKW-25

side view

PHILATRON

Magnetic Tow Lights

•Ideal for wide-load moves, R.V. vehicles, agricultural equipment, boat trailers and military equipment •Constructed with Philaprene thermoplastic insulation to ensure long life and resistance against abrasion, corrosion, oil and water •Each unit is equipped with rubber housed sealed lamp, a 4-way plug and a coiled cord between lights that spreads from 9 inches to 8 feet
Part No. 13-500, Magnetic tow lights with coiled cable (extended length 30 ft./ retracted length 18 in.).
Part No. 13-525, Magnetic tow lights with straight cable (length 30 ft.).

TOW LIGHT MAGNETS
Part No. 211838, Replacement magnets for tow lights - 1 pair.

13-525

GROTE

Magnetic Tow Lights

Part No. 65402-4EA, Magnetic Tow Truck Lamp Kit.

BUYERS

Truck Lamp Cabinets

•Heavy duty steel design •Continuous welds •Black powder coat finish
•Individually wrapped for finish protection

Part No. LB383, Single oval cabinet.
Part No. LB3163, Double oval cabinet.
Part No. LB663, Single round cabinet.

LB663 LB383 LB3163

STAR FABRICATION PRODUCTS

Light Boxes & Brackets For Sealed Rubber Mounted Lights

•Weatherproof boxes for sealed rubber mounted lights •Compact design
•Suitable for weld-on or bolt-on applications

MARKER LAMP MOUNTING BRACKET
Single 2½" clearance light bracket. Steel.
Part No. 4110.

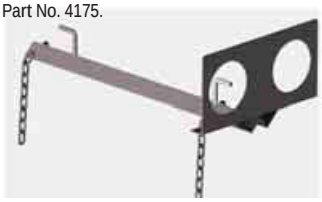
TAIL LAMP MOUNTING BRACKET
Single oval light mounting bracket.
Part No. 4140, Steel.
Part No. AL4140, Aluminum.

TAIL LAMP MOUNTING BRACKET
Single 4½" signal/tail mounting bracket.
Part No. 4160, Steel.
Part No. AL4160, Aluminum.

TAIL LAMP MOUNTING BRACKET
Double 4½" signal/tail mounting bracket.
Part No. 4170, Steel.

LOGGING LAMP MOUNTING BRACKET
Double rear log light bracket. Steel.
Part No. 4174.

LOGGING LAMP MOUNTING BRACKET
Double rear log light bracket c/w reversed angle iron. Steel.
Part No. 4175.

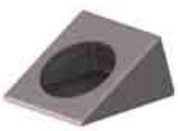


MARKER LAMP LIGHT BOX
Single 2" marker light box.
Part No. 1010-S, Steel.
Part No. AL1010-S, Aluminum.

MARKER LAMP LIGHT BOX
Single 2½" marker light box.
Part No. 1010, Steel.
Part No. AL1010, Aluminum.

MARKER LAMP LIGHT BOX
Single 2½" marker light box with sloped ends.
Part No. 1012, Steel.
Part No. AL1012, Aluminum.

MARKER LAMP LIGHT BOX
Single 2½" angled marker light box.
Part No. 1110, Steel.
Part No. AL1110, Aluminum.



MARKER LAMP LIGHT BOX
Single 2½" angled marker light box.
Part No. 1111, Steel.
Part No. AL1111, Aluminum.

MARKER LAMP LIGHT BOX
Double 2½" marker light box.
Part No. 1020, Steel.
Part No. AL1020, Aluminum.

MARKER LAMP LIGHT BOX
Double 2½" corner marker light box. 3¾" long. Steel.
Part No. 1022.

MARKER LAMP LIGHT BOX
Double 2½" corner marker light box. 4½" long. Steel.
Part No. 1021.

MARKER LAMP LIGHT BOX
Double 2½" angled corner marker light box. 4½" long.
Part No. 1030, Steel.
Part No. AL1030, Aluminum.

IDENTIFICATION LAMP LIGHT BOX
Triple 2½" identification light box.
Part No. 1050, Steel.
Part No. AL1050, Aluminum.

Light Boxes & Brackets For Sealed Rubber Mounted Lights

•Weatherproof boxes for sealed rubber mounted lights •Compact design
•Suitable for weld-on or bolt-on applications

TAIL LAMP LIGHT BOX
Single oval tail light box.
Part No. 1040, Steel.
Part No. AL1040, Aluminum.

TAIL LAMP LIGHT BOX
Single oval tail light box w/ 2½" marker light opening on side. Steel.
Part No. 1043.

TAIL LAMP LIGHT BOX
Single oval tail light box w/ sloped ends.
Part No. 1045, Steel.
Part No. AL1045, Aluminum.

TAIL LAMP LIGHT BOX
Double oval tail light box.
Part No. 1041, Steel.
Part No. AL1041, Aluminum.

TAIL LAMP LIGHT BOX
Double (offset) oval tail light box. Steel.
Part No. 1042.

TAIL LAMP LIGHT BOX
Double (side x side) oval tail light box.
Part No. 1044, Steel.
Part No. AL1044, Aluminum.

TAIL LAMP LIGHT BOX
Triple (right slanted) oval tail light box.
Part No. 1046, Steel.
Part No. AL1046, Aluminum.

TAIL LAMP LIGHT BOX
Triple (left slanted) oval tail light box.
Part No. 1047, Steel.
Part No. AL1047, Aluminum.

TAIL LAMP LIGHT BOX
Double (right slanted) oval tail light box. Steel.
Part No. 1048.

TAIL LAMP LIGHT BOX
Double (left slanted) oval tail light box. Steel.
Part No. 1049.

TAIL LAMP LIGHT BOX
Single 4½" tail light box.
Part No. 1060, Steel.
Part No. AL1060, Aluminum.

TAIL LAMP LIGHT BOX
Double 4½" tail light box. 14 gauge.
Part No. 1070, Steel.
Part No. AL1070, Aluminum.

TAIL LAMP LIGHT BOX
Double 4½" tail light box. Heavy duty 10 gauge steel.
Part No. 1070-HD.

TAIL LAMP LIGHT BOX
Double 4½" flanged tail light box.
Part No. 1071, Steel.
Part No. AL1071, Aluminum.

TAIL LAMP LIGHT BOX
Double 4½" tail light box w/ 2½" marker light opening on side.
Part No. 1072, Steel.
Part No. AL1072, Aluminum.

TAIL LAMP LIGHT BOX
Triple 4½" tail light box.
Part No. 1073, Steel.
Part No. AL1073, Aluminum.

LOGGING LAMP LIGHT BOX
Four oval Alberta cabguard light box. 12 gauge.
Part No. 1080, Steel, 12 gauge.
Part No. AL1080, Aluminum, 12 gauge.
Part No. 1081, Steel, 14 gauge.

LOGGING LAMP LIGHT BOX
Four oval Alberta cabguard light box w/ 1½" tube. Steel.
Part No. 1090KA, 12 gauge.

LOGGING LAMP LIGHT BOX
Four oval Alberta cabguard light box w/ 1½" tube. 14 gauge steel.
Part No. 1093, Right.
Part No. 1094, Left.

LOGGING LAMP LIGHT BOX
Four oval Alberta cabguard light box w/ 1¼" tube.
Part No. 1090, 12 gauge steel.
Part No. AL1090, 12 gauge aluminum.
Part No. 1092, 14 gauge steel.

RECEIVER TUBE
Receiver tube to fit #1090 and #1092 light boxes — 1¼" I.D.
Part No. 1091, Steel.
Part No. AL1091, Aluminum.

RECEIVER TUBE
Receiver tube to fit #1090KA, #1093, and #1094 light boxes — 1½" I.D. Steel.
Part No. 1095.

SWING ARMS
Spring loaded swingout light arm in your choice of right hand, left hand, square end, or angled end.
Part No. 1201, Right hand, square end.
Part No. 1201GP, Right hand, angled end.
Part No. 1202, Left hand, square end.
Part No. 1202GP, Left hand, angled end.

STICK-ON CONVEX MIRRORS
•Corrosion resistant aluminum housing
•Adhesive back
Part No. 10103, 2" round.
Part No. 10203, 3" round.
Part No. 10303, 3¾" round.
Part No. 10403, 4" x 5½" rectangular.

10103

10403

5" CONVEX MIRROR
5" FLAT GLASS MIRROR
•L bracket included •5/16" female adjustable ball stud and bolt
Part No. 10501, Convex, stainless steel.
Part No. 10503, Convex, painted black.
Part No. 10504, Convex, painted white.
Part No. 11503, Flat, painted black.
Part No. 11504, Flat, painted white.

10501

6" CONVEX MIRROR
6" FLAT GLASS MIRROR
•L bracket included •5/16" female adjustable ball stud and bolt
Part No. 10601, Convex, stainless steel
Part No. 10603, Convex, painted black
Part No. 10604, Convex, painted white
Part No. 11603, Flat, painted black
Part No. 11604, Flat, painted white

10601

7½" CONVEX MIRROR
•L bracket included •5/16" female adjustable ball stud and bolt
Part No. 10701, Stainless steel.
Part No. 10703, Painted black.
Part No. 10704, Painted white.
Part No. 10711, Stainless steel, heated.
Part No. 12701, Off-set stud, stainless steel.
Part No. 12703, Off-set stud, painted black.
Part No. 12711, Off-set stud, stainless steel, heated.

10701

12701

8½" CONVEX MIRROR
•L bracket included •5/16" female adjustable ball stud and bolt
Part No. 10801, Stainless steel.
Part No. 10803, Painted black.
Part No. 10804, Painted white.
Part No. 10811, Stainless steel, heated.
Part No. 10813, Painted black, heated.
Part No. 12801, Off-set stud, stainless steel.
Part No. 12803, Off-set stud, painted black.
Part No. 12804, Off-set stud, painted white.
Part No. 12811, Off-set stud, stainless steel, heated.

10801

4" x 8" OVER DOOR CONVEX MIRROR
•5/16" x 9/16" mounting hole slots
Part No. 10481, Stainless steel.

Back

Front

6" x 8" RECTANGULAR CONVEX MIRROR
•L bracket included •5/16" female adjustable ball stud and bolt
Part No. 10681, Stainless steel.
Part No. 10683, Painted black.
Part No. 10684, Painted white.

10681

8½" SEMI BUBBLE CONVEX MIRROR
•5/16" female adjustable ball stud and bolt
Part No. 10851, Stainless steel.
Part No. 10853, Painted black.
Part No. 10854, Painted white.
Part No. 12851, Off-set stud, stainless steel.
Part No. 12853, Off-set stud, painted black.
Part No. 12854, Off-set stud, painted white.

10853

8½" FULL BUBBLE WIDE ANGLE VIEW CONVEX MIRROR
•5/16" female adjustable ball stud and bolt
Part No. 10891, Stainless steel.
Part No. 10893, Painted black.

10891

10½" CROSS OVER CONVEX MIRROR
•5/16" female adjustable ball stud and bolt
Part No. 10901, Stainless steel.
Part No. 10903, Painted black.
Part No. 10904, Painted white.

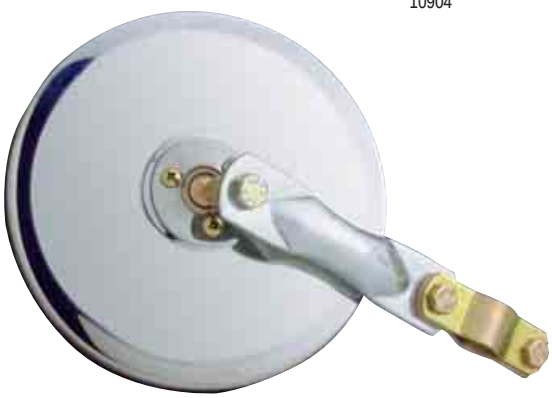
10904

12" WIDE VIEW CONVEX MIRROR
•3/8" dia. swivel stud mount
Part No. 11103, Painted black.
Part No. 11104, Painted white.
Part No. 11105, Painted grey.

11105

CONVEX MIRROR WITH UNIVERSAL MOUNTING BRACKETS
Part No. 13501, 5" stainless steel, stainless steel kit.
Part No. 13503, 5" painted black, zinc plated kit.
Part No. 13504, 5" painted white, zinc plated kit.
Part No. 13601, 6" stainless steel, stainless steel kit.
Part No. 13603, 6" painted black, zinc plated kit.
Part No. 13604, 6" painted white, zinc plated kit.
Part No. 13701, 7½" stainless steel, stainless steel kit.
Part No. 13703, 7½" painted black, zinc plated kit.
Part No. 13704, 7½" painted white, zinc plated kit.
Part No. 13721, 7½" off-set, stainless steel, stainless steel kit.

13601



OPEN ROAD

Open Road Mirrors & Accessories

6" x 16" WEST COAST MIRROR
Part No. 20100, Aluminum.
Part No. 20101, Stainless steel.
Part No. 20103, Painted black.
Part No. 20104, Painted white.
Part No. 20110, Aluminum, heated.
Part No. 20111, Stainless steel, heated.
Part No. 20113, Painted black, heated.
Part No. 20121, Stainless steel, lighted.
Part No. 20123, Painted black, lighted.
Part No. 20131, Stainless steel, heated, lighted.
Part No. 20133, Painted black, heated, lighted.

6" x 16" WEST COAST ECONOMY MIRROR
Part No. 20200, Aluminum.

COMBINATION WEST COAST MIRROR
Part No. 20251, 6" x 16" stainless West Coast with 6" x 4" rectangular convex.
Part No. 20351, 7" x 16" stainless West Coast with 7" x 5" rectangular convex.

7" x 16" OEM WEST COAST MIRROR
Part No. 20301, Mirror bright, stainless steel.
Part No. 20311, Stainless steel, heated.
Part No. 20321, Stainless steel, lighted.
Part No. 20331, Stainless steel, heated, lighted.
Part No. 20323 , Painted black, heated, lighted.

7" x 16" PYRAMID BACK WEST COAST MIRROR
Part No. 20601, Stainless steel.
Part No. 20611, Stainless steel, heated.
Part No. 20603, Painted black.
Part No. 20604, Painted white.

7" x 16" BOX BACK WEST COAST MIRROR
Part No. 20701, Stainless steel.
Part No. 20703, Painted black.
Part No. 20704, Painted white.
Part No. 20711, Stainless steel, heated.
Part No. 20731, Stainless steel, heated, lighted.

7" x 16" RIB BACK WEST COAST MIRROR
Part No. 24401, Stainless steel.
Part No. 24403, Painted black.
Part No. 24404, Painted white.
Part No. 24413, Painted black, heated.

7" x 16" BUBBLE BACK WEST COAST MIRROR
Part No. 25501, Stainless steel.
Part No. 25503, Painted black.
Part No. 25504, Painted white.

7" x 16" "TRACKER" MOTORIZED/ NON-MOTORIZED WEST COAST MIRROR
Part No. 21101, Stainless steel, heated, motorized.
Part No. 21131, Stainless steel, heated & lighted, motorized.
Part No. 20311, Stainless steel, heated, non-motorized.
Part No. 21231, Stainless steel, heated & lighted, non-motorized.

REPLACEMENT HEATER ELEMENT FOR WEST COAST CONVEX & SMALL HEAD MIRRORS
Part No. 70601, West Coast heating element, 5" x 14", 12V.
Part No. 70602, Small heating element, 4" x 6", 12V.
Part No. 70603, West Coast heating element, 5" x 14", 24V.

REPLACEMENT GASKET & LENS KIT FOR LIGHTED WEST COAST MIRRORS
Part No. 70605, Gasket and lens kit.

WEST COAST REPLACEMENT GLASS KITS
•Includes applied heater element and vinyl gasket
Part No. 70609, Glass kit for motorized mirrors.
Part No. 70109, Glass kit for 6" x 16" mirrors (201 series).
Part No. 70309, Glass kit for 7" x 16" OE mirrors (203 series).
Part No. 70509, Glass kit for 7" x 16" pyramid mirrors (206 series).
Part No. 70709, Glass kit for 7" x 16" box mirrors (207 series).

FENDER MOUNTED ASSEMBLY KITS

•Fits most fibreglass, steel, and aluminum fenders and hoods

Part No. 60111, Tripod assembly w/ 8.5" convex, stainless steel.

Part No. 60121, Deluxe mini assembly w/ 8.5" convex, stainless steel.

Part No. 60131, Heated tripod kit w/ 8.5" convex, stainless steel.

Part No. 60141, Tripod assembly w/ wide angle convex, stainless steel.

Part No. 60151, Shortened tripod assembly w/ 8.5" convex, stainless steel (fits newer aerodynamic styled trucks).

HOOD MOUNTED ASSEMBLY KITS

•Fits most fibreglass, steel, and aluminum fenders and hoods •Included both straight and curved arms

Part No. 60171, HD hood mounted assembly w/ 8.5" convex, stainless steel.

Part No. 60181, HD hood mounted assembly w/ heated 8.5" convex, stainless steel.

FENDER & HOOD MOUNTED BRACKETS

Part No. 60101, HD tripod bracket, stainless steel.

Part No. 60103, HD tripod bracket, painted black.

SINGLE ARM MOUNTING BRACKETS

Part No. 60201, Stainless steel.

Part No. 60203, Painted black.

C.O.E. BLIND SIDE MOUNTING BRACKETS

Part No. 60301, Stainless steel, bracket only.

Part No. 60303, Painted black, bracket only.

Part No. 60701, 5" extension bracket, stainless steel.

Part No. 60801, 7" extension bracket, stainless steel.

C.O.E. BLIND SIDE ASSEMBLY KITS

Part No. 60401, Stainless steel bracket with #10801 convex mirror head.

Part No. 60501, Stainless steel bracket with #10891 wide angle 8.5" convex.

UNIVERSAL MIRROR MOUNTING KITS

•Mounts to either 5/8" or 3/4" brackets

Part No. 70201, Universal mounting kit, Stainless steel.

Part No. 70208, Universal mounting kit, Zinc plated steel.

CUSTOM WEST COAST BRACKET KITS

•Brackets fit: International, Ford, and GMC/ Chevrolet trucks •Kits include brackets, outer yoke, clamps, and hardware

Part No. 60699, International truck S-series (4000-4700) West Coast kit, aluminum.

Part No. 60696R, Mack trucks, stainless steel (R-series), right.

Part No. 60696L, Same as #60696R; left.

OPEN ROAD

JR. WEST COAST ASSEMBLY

•Easily added to most trucks, vans, or RV's

•Kits include mirror head & mounting hardware

Part No. 20852, 5" x 10" Jr. West Coast "tube through" mirror assembly, stainless steel.

JR. WEST COAST MIRRORS

Part No. 20801, 5" x 10", Jr. West Coast mirror, stainless steel.

Part No. 20811, 5" x 10", Jr. West Coast mirror, stainless steel, heated.

Part No. 20851, 5" x 10" Jr. West Coast "tube through" mirror, stainless steel.

Part No. 20901, 6" x 10" rib back mirror, stainless steel.

Part No. 20903, 6" x 10" rib back mirror, painted black.

Part No. 20904, 6" x 10" rib back mirror, painted white.

WEST COAST ADJUSTABLE BRACKETS

•Adjusts from 18" to 23" as necessary

•Fits most conventional style trucks

•Includes mounting hardware

Part No. 60601, Stainless steel.

Part No. 60603, Painted black.

Part No. 60604, Painted white.

HEAVY DUTY SAFETY YOKES

•Extends mirror out from bracket •Fits most conventional style trucks •Can be used with West Coast adjustable brackets •Extends out 9.75" with a span of 17"

Part No. 70701, Stainless steel.

Part No. 70703, Painted black.

Open Road Mirrors & Accessories

EXTRA WIDE HEAVY DUTY SAFETY YOKES

•For use with extra wide trailers (102") •Fits most conventional style trucks •Can be used with West Coast adjustable brackets •Extends out 12.75" with a span of 17"
Part No. 70711, Stainless steel.
Part No. 70713, Painted black.

C.O.E. HEAVY DUTY ADJUSTABLE SAFETY YOKE

•For use with most West Coast mirrors
•Extends out 6" with a adjustable span of 28" to 42"
Part No. 70721, Stainless steel.

MOUNTING BRACKETS

Part No. 70308, 65°, zinc plated steel.
Part No. 70311, Small 90°, stainless steel.
Part No. 70318, Small 90°, zinc plated.

70311

70308

ADJUSTABLE MOUNTING BRACKETS

Part No. 70321, "Swing-A-Way", stainless steel.
Part No. 70323, Adjustable mounting bracket, painted black.

70321

70323

"L" MOUNTING BRACKETS

Part No. 70401, "L" bracket, stainless steel.
Part No. 70408, "L" bracket, zinc plated steel.

70401

UNIVERSAL STEADY BRACKETS

•Extends from 10" to 15"
Part No. 70501, Stainless steel.
Part No. 70503, Painted black.

70501

MOUNTING KIT

Part No. 70511, Stainless steel.
Part No. 70518, Zinc plated steel.

70511

EXTENSION ARMS

•5/8" inner tube, 3/4" outer tube with compression nut
Part No. 70801, Extends 15" - 21" length, Stainless steel.
Part No. 70803, Extends 15" - 21" length, Painted black.
Part No. 70811, Extends 17" - 25" length, Stainless steel.
Part No. 70813, Extends 17" - 25" length, Painted black.
Part No. 70821, Extends 10" - 15" length, Stainless steel.
Part No. 70823, Extends 10" - 15" length, Painted black.

WEST COAST MIRROR ADAPTERS

•Use to adapt International trucks mirror brackets to fit most any regular West Coast mirror head
Part No. 70971, West Coast mirror adapters, zinc plated.

MIRROR CLAMPS

Part No. 70901, Clamp, 3/4" tube, 3/8" holes, stainless steel.
Part No. 70908, Clamp, 2 piece, zinc plated steel
Part No. 70921, Clamp, 5/8" tube, 1/4" holes, stainless steel.
Part No. 70931, Clamp, 3/4" tube, 1/4" holes, stainless steel.
Part No. 70941, Clamp, 3/4" tube, 3/8" slot, stainless steel.
Part No. 70961, 3/4" clamp, w/bolt and washer for step van mirrors.

70901

70908

70941

70961

10½" CROSS VIEW MIRROR ASSEMBLY

•Kit includes large convex mirror head •Brackets fit most step, cargo, and delivery vans
•5/16" adjustable female ball stud and bolt
Part No. 40101, Stainless steel.
Part No. 40104, Painted white.

CROSS VIEW MIRROR BRACKETS

•Reinforced ¾" tubing arms and heavy duty brackets
•Brackets fit most step, cargo, and delivery vans
Part No. 60901, Standard 11", stainless steel.
Part No. 60904, Standard 11", painted white.

8½" CROSS VIEW MIRROR ASSEMBLY KITS

•Kit includes large convex mirror head •Brackets fit most step, cargo, and delivery vans •5/16" adjustable female ball stud and bolt
Part No. 40201, Stainless steel.
Part No. 40203, Painted black.
Part No. 40204, Painted white.

STEP VAN MIRROR ASSEMBLIES

•Fits most step, delivery and package vans •Fits right or left side •Assembly includes flat glass 6.5" x 10" head, 6.5" x 6" convex mirror head, cab feet, and mounting hardware •Bracket span adjusts to from 18" to 33", extends out 9"
Part No. 40401, Assembly, stainless steel.
Part No. 40403, Assembly, painted black.
Part No. 40404, Assembly, painted white.

STEP VAN MIRRORS

Part No. 40601, 6½" x 6" convex glass, stainless steel.
Part No. 40603, 6½" x 6" convex glass, black.
Part No. 40604, 6½" x 6" convex glass, white.
Part No. 41301, 6½" x 10" Flat glass, stainless steel.
Part No. 41303, 6½" x 10" Flat glass, black.
Part No. 41304, 6½" x 10" Flat glass, white.
Part No. 41601, 6½" x 6" Flat glass, stainless steel.
Part No. 41603, 6½" x 6" Flat glass, black.
Part No. 41604, 6½" x 6" Flat glass, white.

5½" x 7½" LIGHT DUTY TRUCK MIRROR

•General purpose mirror head •Centre mounted 5/16" adjustable female ball stud
Part No. 30101, Stainless steel.
Part No. 30103, Painted black.
Part No. 30104, Painted white.

5½" x 7½" LIGHT DUTY TRUCK MIRROR

•Fits #50101 (MT-2) small tripod assembly •Centre bracket mount
Part No. 30201, Stainless.
Part No. 30203, Painted black.

5½" x 8½" LIGHT/MEDIUM DUTY TRUCK MIRROR

•Perfect for moving and package delivery vehicles •Offset mounted 5/16" adjustable female ball stud
Part No. 30301, Stainless steel.
Part No. 30303, Painted black.
Part No. 30304, Painted white.

6" x 9" LIGHT/MEDIUM DUTY TRUCK MIRROR

•Universal 6" x 9" replacement head •Fits #50201 (MV-1) Maxi-Vu mirror assemblies
Part No. 30401, Stainless steel.
Part No. 30403, Matte black finish.

7½" x 10½" MEDIUM DUTY TRUCK MIRROR

•Fits #50301 (MT-3) and #50401 (MT-3WW) assemblies
Part No. 30501, Stainless steel.
Part No. 30503, Painted black.
Part No. 30504, Painted white.
Part No. 30511, Stainless steel, heated.

7½" x 10½" MEDIUM DUTY TRUCK MIRROR WITH INTERNAL ELBOW

•Replacement mirror for Ford, Chevrolet, and Dodge trucks •Elbow length is 4"
Part No. 30701, Stainless steel.

LIGHT DUTY TRIPOD MIRROR ASSEMBLY

•Includes 5.5" x 7.5" mirror head and hardware •Designed for small pick-up trucks •Below eye level tripod bracket assembly
Part No. 50101, Stainless steel.

MAXI-VU LIGHT DUTY TRUCK ASSEMBLY

•Includes 6" x 9" mirror head and hardware •Swing-a-way brackets give universal fit to most trucks
Party No. 50201, Stainless steel.
Party No. 50203, Matte black.
Party No. 70800, Extension arm, aluminum 4-3/8" long.

MEDIUM DUTY TRIPOD ASSEMBLY

•Includes 7.5" x 10.5" mirror head and hardware •Designed for full size pick-up trucks and vans •Below eye level tripod bracket assembly
Party No. 50301, Large tripod assembly, stainless steel.
Party No. 50304, Large tripod assembly, painted white.

Open Road Mirrors & Accessories

EXTENSION BRACKETS FOR TRIPOD ASSEMBLIES

•Extends mirror head out for added visibility when towing

Part No. 70841, 4" stainless steel extension, coarse threads, for Cham-Cal elbows and mirrors.

Part No. 70101, 4.5" offset elbow extension, stainless steel.

Part No. 70111, 7.5" offset elbow extension, stainless steel.

Part No. 70121, 11.5" offset elbow extension, stainless steel.

HEAVY DUTY TRIPOD ASSEMBLY

•Includes 7.5" x 10.5" mirror head and hardware •Designed for full size pick-up trucks and vans •Extendable for trailer towing by swinging head out and rotating

Part No. 50401, HD tripod assembly, stainless steel.

INTERNAL ELBOW LARGE TRIPOD ASSEMBLIES

•Includes 7.5" x 10.5" mirror head and hardware •Designed for full size pick-up trucks and vans •Extendable for trailer towing by swinging head out

Part No. 50701, Stainless steel.

Part No. 50704, Painted white, steel.

EXTENSION ARM FOR TRIPOD ASSEMBLIES

•Adds convex or flat glass spot mirror to assemblies

Part No. 70851, Extension arm, 9.5" long, 90° twist, with 8.25" hole centres, stainless steel.

Stainless Steel Oval Light Brackets/Assemblies

STAINLESS STEEL LIGHT BRACKETS

Part No. 90011, Single oval light holder.

Part No. 90012, Dual oval light holder.

Part No. 90013, Triple oval light holder.

Part No. 90014, Quad oval light holder.

STAINLESS STEEL LIGHT ASSEMBLIES WITH AMBER LIGHTS

Part No. 90001, Single amber light holder.

Part No. 90002, Dual amber light holder.

Part No. 90003, Triple amber light holder.

Part No. 90004, Quad amber light holder.

MOTORIZED WEST COAST MIRROR 7" x 16"
Part No. 97840, Remote control, heated

6" x 16" WEST COAST MIRROR
Part No. 97812, Bright stainless steel.

6" x 16" WEST COAST ECONOMY MIRROR
Part No. 97860, Aluminum.

7" x 16" WEST COAST MIRROR
Part No. 97822, Bright stainless steel.
Part No. 97826, Bright stainless steel, lighted.
Part No. 97809, Bright stainless steel, heated.

7" x 16" PYRAMID STYLE WEST COAST MIRROR
Part No. 97861, Bright stainless steel.

7" x 16" HEAVY DUTY WEST COAST MIRROR
Part No. 97808, Painted white, steel, bubble back.
Part No. 97818, Painted black, steel, bubble back.

7" x 16" WEST COAST MIRROR
Part No. 97806, Painted white, steel, rib back.
Part No. 97811, Painted black, steel, rib back.

5" ROUND CONVEX MIRROR
•L bracket included •5/16 female adjustable ball stud and bolt
Part No. 97802, Painted black, steel.

6" ROUND CONVEX MIRROR
•L bracket included •5/16 female adjustable ball stud and bolt
Part No. 97819, Bright stainless steel.
Part No. 97820, Painted black, steel.

7½" ROUND CONVEX MIRROR
•L bracket included •5/16 female adjustable ball stud and bolt
Part No. 97815, Bright stainless steel.
Part No. 97816, Painted black, steel.
Part No. 97817, Off-set stud, bright stainless steel.

8½" ROUND CONVEX MIRROR
•L bracket included •5/16 female adjustable ball stud and bolt
Part No. 97803, Bright stainless steel.
Part No. 97804, Painted black, steel.
Part No. 97814, Off-set stud, bright stainless steel.

8½" CROSS OVER VIEW CONVEX MIRROR
•5/16 female adjustable ball stud and bolt
Part No. 97831, Painted black, steel.

Mirrors & Accessories

10" REAR CROSS VIEW SYSTEM
•3/4" tubing arm and heavy duty universal mounting brackets
Part No. 97862, Bright stainless steel.

6" x 9" SUPER STYLE LOW MOUNT MIRROR HEAD
Part No. 97800, Bright stainless steel.

7½" x 10½" LOW MOUNT MIRROR HEAD
Part No. 97805, Bright stainless steel.

5½" x 7½" RECTANGULAR MIRROR HEAD
Part No. 97807, Painted white steel.

SUPER STYLE LOW MOUNT MIRROR ASSEMBLY (6" x 9" SWIVEL MIRROR HEAD)
Part No. 97850, Bright stainless steel assembly.

O.E. STYLE LOW MOUNT MIRROR ASSEMBLY (7½" x 10½" MIRROR HEAD)
Part No. 97852, Bright stainless steel assembly.

STICK-ON CONVEX SPOT MIRRORS
•Corrosion resistant aluminum housing
•Adhesive back
Part No. 7044, 3¾" round.
Part No. 7048D, 4" x 5½" rectangular.

UNIVERSAL MOUNTING KIT FOR 3/4" OR 5/8" TUBE
•Two part clamshell style clamp for attaching convex mirrors to other bracketry
Part No. 97823, Bright stainless steel.

FENDER MOUNT MIRROR BRACKET
Part No. 97828, Bright stainless steel.

TRIPOD FENDER MOUNT MIRROR BRACKET
Part No. 97829, Bright stainless steel.

HEATER ELEMENT
•Replacement is used for either 6" or 7" heated West Coast mirror heads
Part No. 97845, Replacement heater element, 12 volt.

Truck-Lite®

HEATED, ICE & FROST-FREE WEST COAST MIRROR OEM STYLE, 7" x 16" MIRROR HEAD

Part No. 16053EA, Stainless steel with 5/16"-24 rod.
Part No. 16263EA, Stainless steel with 3/8"-24 rod.

6" x 16" WEST COAST ECONOMY MIRROR

Part No. 16244EA, Aluminum.

6" x 16" WEST COAST MIRROR WITH CLEARANCE LIGHT

Part No. 16062EA, Painted black, steel.
Part No. 16063EA, Stainless steel.
Part No. 16172EA, Painted black, steel, heated.
Part No. 16173EA, Stainless steel, heated.
Part No. 16200EA, Stainless steel, economy, heated.

7" x 16" WEST COAST MIRROR WITH CLEARANCE LIGHT

Part No. 16223EA, Stainless steel, heated.

REPLACEMENT PARTS FOR WEST COAST MIRRORS

Part No. 29060EA, Replacement heating element, 40 watts.
Part No. 22063EA, Custom bracket assembly - stainless.
Part No. 22061EA, White custom bracket assembly.
Part No. 22072EA, Black custom bracket assembly.
Part No. 90393EA, Replacement lens for lighted West Coast mirrors.
Part No. 51-9107-01EA, Replacement lens gasket for lighted West Coast mirrors.
Part No. 01-2901-71EA, 7" x 16" replacement mirror glass and heating element.
Part No. 41-9105-03EA, 6" x 16" replacement glass only.

7" x 16" REMOTE CONTROL HEATED MIRROR ASSEMBLY

Part No. 28461EA, Stainless steel.
Part No. 28463EA, Passenger side.
Part No. 22063EA, Custom bracket assembly - stainless.
Part No. 29060EA, Replacement heater.

6½" x 16" ECONOMY MIRROR

Part No. 16202EA, Black.
Part No. 22072EA, Black custom bracket assembly.

OEM - STYLE BOX MIRROR

Part No. 16021EA, 6" x 16" mirror, painted white, steel.
Part No. 16023EA, 6" x 16" mirror, stainless steel.
Part No. 16123EA, 7" x 16" mirror, stainless steel.
Part No. 16253EA, 7" x 16" mirror, stainless steel, 3/8"-24 rod.
Part No. 22063EA, Custom bracket assembly - stainless.
Part No. 22061EA, White bracket assembly.

OEM-STYLE SPLIT-FOCUS BOX-TYPE MIRROR

•6" x 16" mirror
Part No. 16041EA, Painted white, steel.
Part No. 16043EA, Stainless steel.
Part No. 22063EA, Custom bracket assembly - stainless.
Part No. 22061EA, White custom bracket assembly.

7" x 16" OEM-STYLE FLAT RIBBED BACK WEST COAST MIRROR

Part No. 16091EA, Painted white, steel.
Part No. 16092EA, Painted black, steel.
Part No. 16093EA, Stainless steel.
Part No. 22063EA, Custom bracket assembly - stainless.
Part No. 22061EA, White custom bracket assembly.
Part No. 22072EA, Black custom bracket assembly.

7" x 16" OEM-STYLE BUBBLE-BACK WEST COAST MIRROR

Part No. 16101EA, Painted white, steel.
Part No. 16102EA, Painted black, steel.
Part No. 22072EA, Black custom bracket assembly.
Part No. 22063EA, Chrome custom bracket assembly.
Part No. 22061EA, White custom bracket assembly.

7" x 16" OEM-STYLE BUBBLE-BACK WEST COAST MIRROR ASSEMBLY

Part No. 26021-5EA, Painted white, steel.
Part No. 16101EA, Replacement head.

Grote
The first name in vehicle safety systems®

Mirrors & Accessories

SPLIT MIRROR OEM-STYLE MIRROR ASSEMBLY

•Top mirror is 6½" x 10", flat glass •Bottom mirror is 6½" x 6", convex
Part No. 28451EA, Mirror assembly, painted white, steel.
Part No. 28453EA, Mirror assembly, stainless steel.
Part No. 12301EA, Replacement 6½" x 10" mirror, painted white, steel.
Part No. 12303EA, Replacement 6½" x 10" mirror, stainless steel.
Part No. 12331EA, Replacement 6½" x 6" mirror, painted white, steel.
Part No. 12333EA, Replacement 6½" x 6" mirror, stainless steel.

OEM-STYLE FLAT RIBBED BACK WEST COAST MIRROR ASSEMBLY

Part No. 26001-5EA, Mirror assembly, painted white, steel.
Part No. 26012-5EA, Mirror assembly, painted black, steel.
Part No. 16091EA, Replacement mirror head, painted white, steel.
Part No. 16092EA, Replacement mirror head, painted black, steel.

SUPER TRIPOD MOUNT MIRROR ASSEMBLY

•Jumbo 7½" x 10½" stainless steel mirror head
Part No. 28323-5EA, Mirror assembly, stainless steel.
Part No. 12113-5EA, Replacement mirror head.

VERSATILE TRIPOD MIRROR ASSEMBLY

•Universal mounting; 7½" x 10½" mirror head
Part No. 28091-5EA, Mirror assembly, painted white, steel.
Part No. 28092-5EA, Mirror assembly, painted black, steel.
Part No. 28093-5EA, Mirror assembly, stainless steel.
Part No. 12111-5EA, Replacement mirror head, painted white, steel.
Part No. 12112-5EA, Replacement mirror head, painted black, steel.
Part No. 12113-5EA, Replacement mirror head, stainless steel.

CHEV/GMC FULL-SIZE TRUCK MIRROR ASSEMBLY

•Replaces original equipment on '88-'96, chrome mirror
Part No. 28423-5EA, Mirror assembly, RH.
Part No. 28433-5EA, Mirror assembly, LH.

CHEV/GMC FULL-SIZE TRUCK & VAN MIRROR ASSEMBLY

•Replaces original equipment on '74-'87 •Stainless steel, 9½" x 7" mirror
Part No. 28373-5EA, Mirror assembly, universal mounting.

CHEV/GMC S-SERIES TRUCK MIRROR ASSEMBLY

•Replaces original equipment on '88-'94 •Chrome mirror
Part No. 28402-5EA, Mirror assembly, black, RH.
Part No. 28412-5EA, Mirror assembly, black, LH.
Part No. 28403-5EA, Mirror assembly, Chrome, RH.
Part No. 28413-5EA, Mirror assembly, Chrome, LH.

50" WIDE-VIEW MIRROR ASSEMBLY

•Fits full-size pick-up trucks and vans
Part No. 28293-5EA, Mirror assembly, stainless steel.

UNIVERSAL LOW MOUNT MIRROR ASSEMBLY

Part No. 28473-5EA, Mirror assembly, chrome.
Part No. 12323-5EA, Replacement mirror head, chrome.

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The first name in vehicle safety systems®

FORD TRUCK & VAN MIRROR ASSEMBLY
Part No. 28393-5EA, Mirror assembly, chrome mirror w/ anodized aluminum bracket.

MINI-TRUCK MIRROR ASSEMBLY
•5½" x 7½" mirror head
Part No. 28252-5EA, Mirror assembly, painted black, steel.
Part No. 12072EA, Replacement mirror head, black.
Part No. 12073EA, Replacement mirror head, stainless steel.

TRAILER HAUL FENDER MOUNT MIRROR ASSEMBLY
•5½" x 7½" mirror head •Fits left or right side
Part No. 28083-5EA, Mirror assembly, stainless steel mirror, chrome arm and bracket.
Part No. 12073EA, Replacement mirror head, stainless steel.

STICK-ON CONVEX MIRRORS
Part No. 12201EA, 2" round.
Part No. 12004EA, 3" round.
Part No. 12014EA, 3¾" round.
Part No. 12164EA, 4" x 5½" rectangular.

1¼" x 2¼" HOT SPOT MIRROR
•Weather resistant high tack adhesive
Part No. 12312-5EA, Black.

RECTANGULAR STACK & SPOT MIRROR
Part No. 28051EA, White enamel with arm assembly.
Part No. 12122EA, Black, mirror only.

ROUND CONVEX CLAMP-ON STACK & SPOT MIRROR ASSEMBLY
Part No. 28031EA, 5", white enamel.
Part No. 28032EA, 5", black enamel.
Part No. 28033EA, 5", stainless steel.
Part No. 28033-5EA, 5", stainless steel, retail pack.
Part No. 28162EA, 5", black, flat glass.
Part No. 28041EA, 6", white enamel.
Part No. 28042EA, 6", black enamel.
Part No. 28043EA, 6", stainless steel.
Part No. 28663EA, 6", stainless steel, economy.
Part No. 10073EA, Extension arm.

8" ELLIPTICAL MIRROR
Part No. 12272-5EA, Acrylic-aluminum mirror.

8" ROUND CONVEX MIRROR WITH CENTRE MOUNT BALL STUD
Part No. 12182EA, Black steel enamel.
Part No. 12183EA, Stainless steel.
Part No. 12283EA, Stainless steel, heated mirror.
Part No. 12293EA, Stainless steel with attached L bracket.
Part No. 12983EA, Chrome finish plastic mirror - economy.
Part No. 11133EA, L bracket.

10.5" ROUND CONVEX MIRROR WITH CENTRE MOUNT BALL STUD
Part No. 12010EA, Stainless steel.

12" ROUND CONVEX MIRROR WITH CENTRE MOUNT BALL STUD
Part No. 12020EA, Painted grey, steel.

8" ROUND CONVEX MIRROR WITH OFFSET BALL STUD
Part No. 12172EA, Black enamel.
Part No. 12173EA, Stainless steel.

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The first name in vehicle safety systems®

Mirrors & Accessories

ADJUSTABLE MIRROR ASSEMBLY
•Arm adjustable form 10" to 13" •Stainless steel mirror
Part No. 28193EA, 6" mirror and adjustable arm assembly.
Part No. 10433EA, Arm and swivel bracket only.

CONVENTIONAL FENDER MOUNT MIRROR ASSEMBLY
•8" stainless steel convex mirror
Part No. 28443EA, Stainless steel assembly including mirror.
Part No. 22193EA, Stainless steel, bracket only.
Part No. 12173EA, Replacement mirror.

SCHOOL BUS EXTERIOR BLIND SPOT MIRROR ASSEMBLY
•8" stainless steel convex mirror
Part No. 28062EA, Vertical mount assembly including black mirror.
Part No. 28063EA, Vertical mount assembly including stainless steel mirror.
Part No. 11195EA, Stainless steel, bracket only.
Part No. 12182EA, Replacement black mirror.
Part No. 12183EA, Replacement stainless steel mirror.

FORD TRUCK & VAN MIRROR
Part No. 12263-5EA, Chrome plated steel mirror.

ROLLED-RIM MIRROR WITH CENTRE MOUNT
•5½" x 7½" rectangular mirror
Part No. 12243-5EA, Stainless steel.

ROLLED-RIM MIRROR WITH BALL SWIVEL MOUNT
•5½" x 7½" rectangular mirror
Part No. 12073EA, Stainless steel.
Part No. 12072EA, Painted black, steel.

BELOW-EYE-LEVEL MIRROR
•7½" x 10½" rectangular mirror
Part No. 12113-5EA, Stainless steel.
Part No. 12112-5EA, Painted black, steel.
Part No. 12111-5EA, Painted white, steel.

WIDE-VIEW MIRROR
•7" x 9" rectangular mirror
Part No. 12193-5EA, Stainless steel.

OUTER PROTECTIVE BUMPER TYPE MIRROR
•7" x 10" rectangular mirror
Part No. 12101EA, White.
Part No. 12102EA, Black.

UNIVERSAL REPLACEMENT MIRROR
•Chrome; glass cushioned in weatherproof vinyl
Part No. 18103-5EA, Rectangular mirror with offset swivel.
Part No. 18153-5EA, Classic round mirror.

EUROPEAN WEDGE-STYLE MIRROR
•Chrome mirror •Fits both right and left side
Part No. 18252-5EA, Black.

10" INSIDE REAR VIEW MIRROR
•Chrome mirror
Part No. 18302-5EA, Black.

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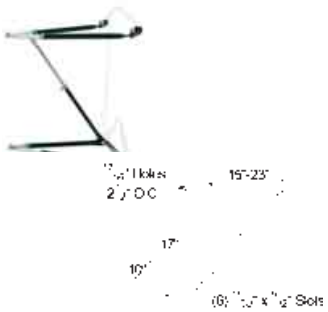
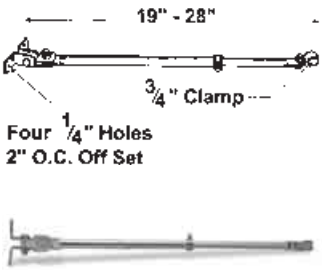
The first name in vehicle safety systems®

OVER DOOR CONVEX MIRROR
•4" x 8" mirror •Mounting hole slots 5/16" x 9/16"
Part No. 28763EA, Stainless steel.

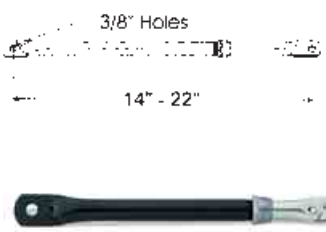
CUSTOM BRACKET ASSEMBLY
•Fully adjustable from 18" - 23"
Part No. 22061EA, White enamel.
Part No. 22072EA, Black enamel.
Part No. 22063EA, Chrome plated.



HEAVY DUTY ADJUSTABLE BRACE ARM
•Fully adjustable form 18" - 28"
Part No. 10025EA, Zinc.

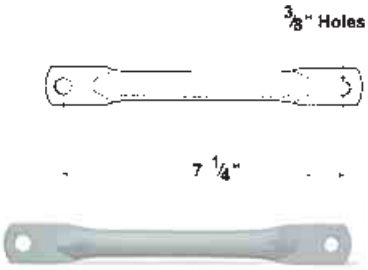


ADJUSTABLE MIRROR ARMS
Part No. 10002EA, 10" - 13" black.
Part No. 10012EA, 14" - 22" black.
Part No. 10013EA, 14" - 22" chrome.

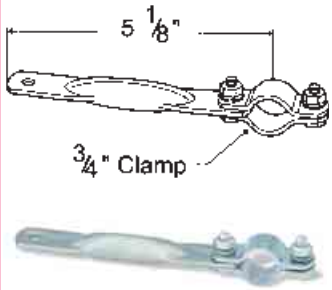


GROTE
Mirrors & Accessories

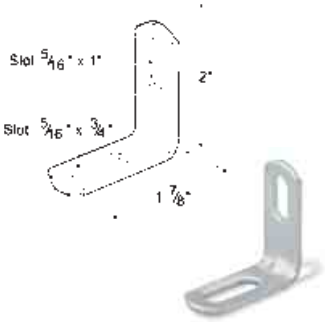
8" FLAT MIRROR ARM
Part No. 10045EA, Silver metallic.



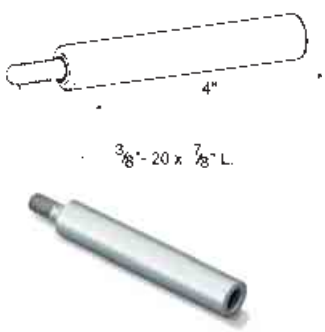
EXTENSION ARM & CLAMP ASSEMBLY FOR STACK MIRRORS
Part No. 10073EA, Chrome.



L BRACKET
•Allows mounting of convex mirror on West Coast mirror bracket
Part No. 11133EA, Stainless steel.



4" EXTENSION
•Fits #28093-5EA and #28323-5EA
Part No. 10083EA, Bright aluminum finish.



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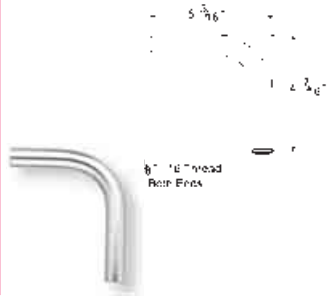
The first name in vehicle safety systems®

90° EXTENSION ARM
•4½" offset length
Part No. 10623EA, Aluminum.



OE REPLACEMENT MIRROR BRACKETRY
Part No. 10113EA, ¾" tube clamp w/ .25" holes.
Part No. 11293EA, ¾" tube clamp w/ .375" holes.
Part No. 10173EA, Universal mount kit, stainless steel.
Part No. 10175EA, Universal mount kit, zinc coated steel.
Part No. 11303EA, Through hole style, "L" bracket, stainless steel.
Part No. 11305EA, Through hole style, "L" bracket, zinc coated steel.

10113EA

10173EA

11303EA

DO-RAY
Mirrors

WEST COAST STYLE MIRRORS c/w DEFROSTER & LIGHT
•Complete with clearance light, two #67 S.C. bulbs, a self-regulating defroster, impact-resistant lens and mounting studs
Part No. 41-6550, 16" x 6", stainless steel.
Part No. 41-7550, 16" x 7" stainless steel.
Part No. 41-8550, 16" x 7" OEM, stainless steel.

ROUND CONVEX MIRRORS
•L bracket included •5/16 female adjustable ball stud and bolt
Part No. 43-5500, 5", stainless steel.
Part No. 43-5200, 5", black enamel.
Part No. 43-6500, 6", stainless steel.
Part No. 43-6200, 6", black enamel.
Part No. 43-7500, 7.5", stainless steel.
Part No. 43-7200, 7.5", black enamel.
Part No. 43-9500, 8.5", stainless steel.
Part No. 43-9200, 8.5", black enamel.

3M
Conspicuity Tape

3M

3M SCOTCHLITE™ DIAMOND GRADE CONSPICUITY SERIES 981
Part No. 983-32-2, Red 11"/White 7" Alternating Roll - 2" x 150 ft.
Part No. 983-326-2, Red 6"/White 6" Alternating Roll - 2" x 150 ft.
Part No. 983-32-1-1/2, Red 11" /White 7" Alternating Roll - 1½" x 150 ft.
Part No. 983-326-1-1/2, Red 6"/White 6" Alternating Roll - 1½" x 150 ft.
Part No. 983-10, White Roll - 2" x 150 ft.

TRUCK-LITE

Conspicuity Tape

REFLEXITE REFLECTIVE MARKING TAPE

•Tough, durable film resists cracking and lifting to look like new, long after application •Typically 1,000 candlepower for maximum long site detection distance performance, exceeding minimum requirements by four times •Silver daytime appearance ensures maximum night time performance and blends with aluminum trailer rail •Reflects light at all application angles on the roadway •Constructed of single ply .008 thin with no open cell construction •Impact resistant, withstanding a blow from a forklift or loading dock and still retro-reflects.

Part No. 98-107, Red/white, 1½" x 150 ft. roll.
Part No. 98-104, Red/white, 2" x 18" strip.
Part No. 98-108, Red/white, 2" x 54" strip.
Part No. 98-101, Red/white, 2" x 150 ft. roll.
Part No. 98-102, Red/white, 3" x 150 ft. roll.
Part No. 98-105, White, 2" x 12" strip.
Part No. 98-100, White, 2" x 150 ft. roll.
Part No. 98-110, Yellow, 2" x 150 ft. roll.

REFLECTIVE MARKING TAPE - FOR USE WITH CONTINUOUS SIDE PATTERN

•Tough, durable film resists cracking and lifting to look like new, long after application •Typically 600 candlepower, exceeding minimum requirements by 2.5 times •White daytime appearance offers a cosmetically appealing look and blends with white trailer skin •Reflects light at all applicable angles on the roadway •Constructed of single ply .088 thin with no open cells •Impact resistant, withstanding a blow from a forklift or loading dock and still retro-reflects.

Part No. 98-127, Red/white, 2" x 150 ft. roll.

RED/SILVER ALTERNATING ROLL

Part No. SS37P, 2" x 150 ft.

GROTE

Conspicuity Tape

TRAILER KIT

53 ft. Trailer Kit - (4) 2" x 90" strips / (4) 2" x 72" strips / (2) 2" x 101" strips / (4) 2" x 12" strips.
Part No. 40980EA.

RED/SILVER ALTERNATING ROLLS

Red 11", Silver 7" alternating rolls.
Part No. 41080RL, 1½" x 150 ft.
Part No. 40650RL, 2" x 150 ft.
Part No. 41160RL, 2" x 150 ft.; economy roll.

RED/SILVER ALTERNATING ROLLS

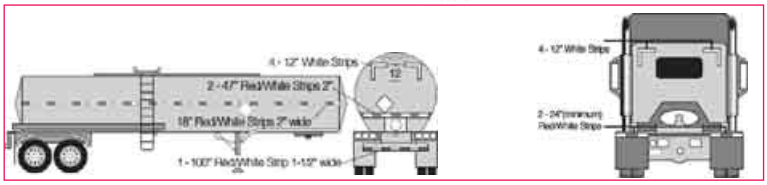
Red 6", Silver 6" alternating rolls.
Part No. 41070RL, 1½" x 150 ft.
Part No. 41050RL, 2" x 150 ft.
Part No. 41060RL, 2" x 150 ft. (12" kiss die cut).

SOLID COLOUR ROLLS

2" x 150 ft. rolls.
Part No. 40641RL, Silver Roll.
Part No. 40652RL, Red Roll.
Part No. 41133RL, Yellow Roll (Agriculture applications).

STRIPS

Part No. 40650EA, 1 Strip Red /Silver Alternating - 2" x 18".
Part No. 40650-5PK, 5 Strips Red /Silver Alternating - 2" x 18".
Part No. 40650-3PK, 100 Strips Red /Silver Alternating - 2" x 18".
Part No. 40641-5PK, 4 Strips Silver - 2" x 12".



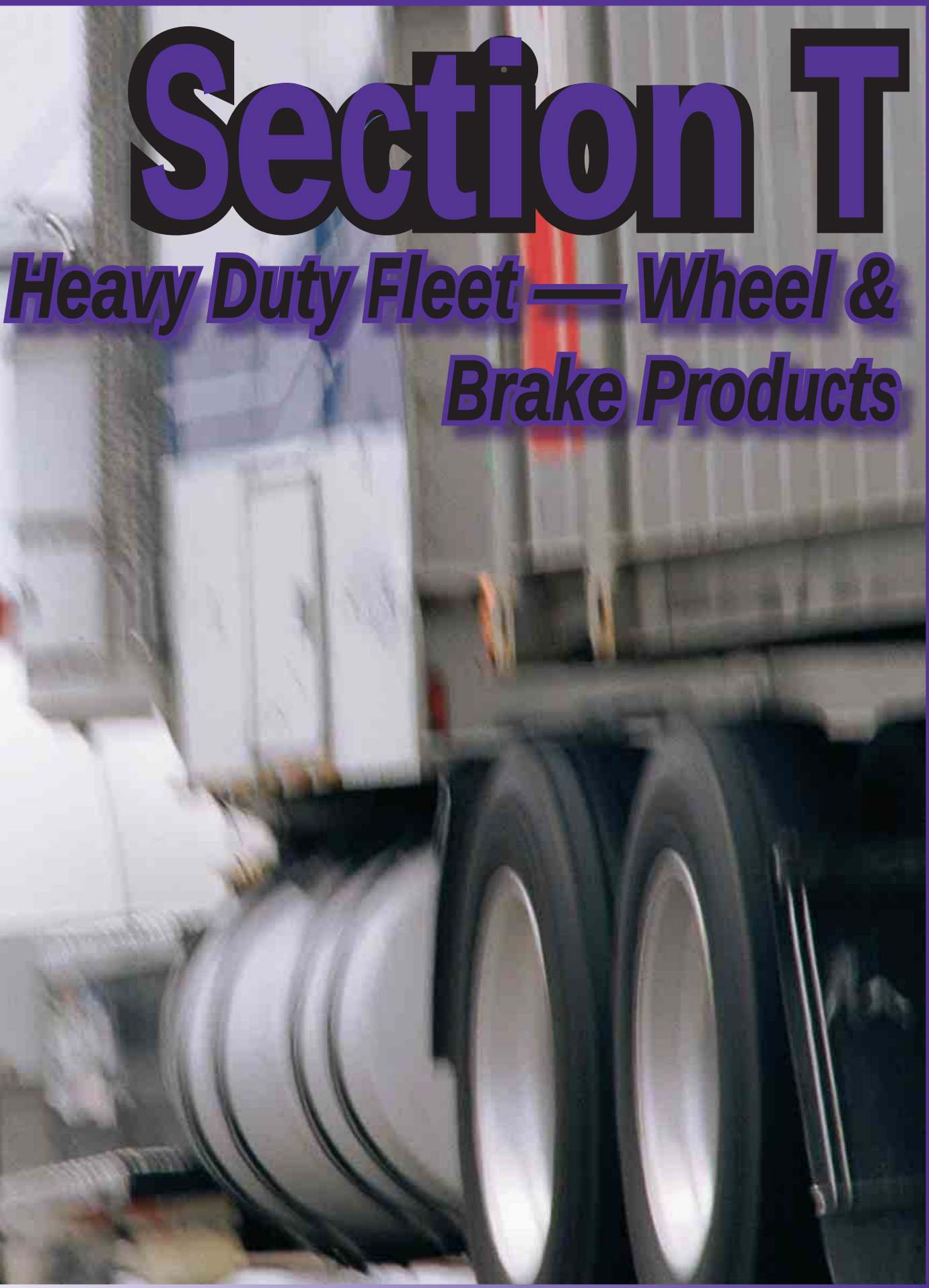
PETERSON MFG.

Conspicuity Tape

Part No. 465-5, Red /Silver Alternating Roll - 1" x 150 ft.
Part No. 465-1, Red /Silver Alternating Roll - 2" x 150 ft.

Section T

Heavy Duty Fleet — Wheel & Brake Products



CELEBRATING 40 YEARS
40
1968
Gregg
2008

Guardian® HP Hub Seals

— New Technology for a Higher Standard of Performance

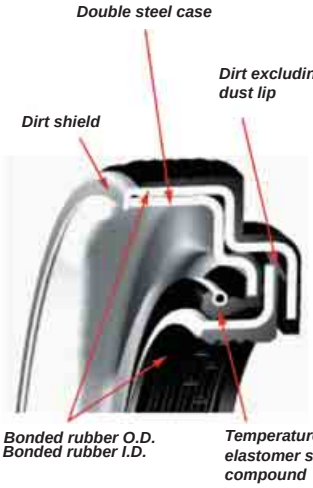
Introducing Guardian HP, the newest seal technology to improve per mile performance and cost-per-mile profitability. Guardian HP gives you all the features of Stemco's exclusive Guardian seal design with the added benefits of the all-new High Performance sealing element. Guardian HP's new technologically advanced seal has been developed for extra protection and greater sealing with it high performance sealing lip, superior contamination exclusion and self-adjusting thrust pad. With new Guardian HP, you're assured of longer life and easier installation. Installation right on the axle instead of the hub bore assures positive alignment every time with virtually error-proof installation. There's no tool impact on the seal, causing damage or installation related failures. Easy to remove and service. No more damaged bearings during seal removal.

Sealing lip, O.D. beads, self-lubricating thrust pad, and flexible contaminant exclusion lip all molded as a single unit from high performance HNBR-Teflon elastomer for fewer leak paths and better heat resistance.

Voyager™ Seals

Revolutionary Hub-installed Unitized Seal that will Minimize Your Maintenance Costs

The Voyager seal utilizes Stemco's proven dirt shield technology, a solid metal shield that prevents dirt and contamination from entering the sealing areas. This technology is incorporated into a fully-unitized hub-installed seal. The double steel case allows for a positive hub installation without warping or bending as occurs with single-case seals. The Voyager seal features a bonded rubber OD that forms a superior seal between the seal case and the hub bore. Special anti-rotation features lock Voyager's bonded ID surface in place, protecting the spindle shoulder from costly damage and wear.



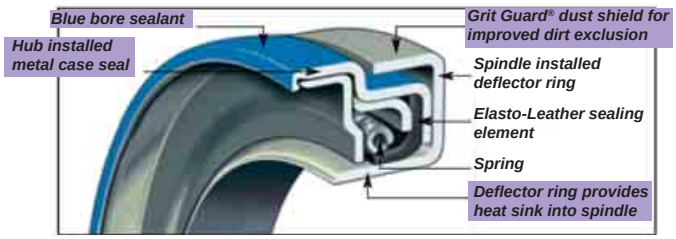
Grit Guard® Hub Seals

— Two-Piece Design for Improved Dirt Exclusion

A two-piece design, the Grit Guard Seal features a spindle-installed deflector ring. This provides dirt exclusion for extended seal performance and insures a new surface for the sealing lip. The hub-installed metal case seal provides a metal-to-metal continuous press fit between the seal and hub. In addition, a blue coating is applied to the seal to prevent minor seepage between the seal and hub.

Grit Guard's Elasto-Leather sealing lip provides an excellent temperature range from -65°F to +250°F. It remains flexible and durable unlike rubber lips which lose resilience at -30°F and +225°F. Because the Elasto-Leather sealing lip acts like a wick and holds oil, there is no dry start which can tear or damage rubber lips.

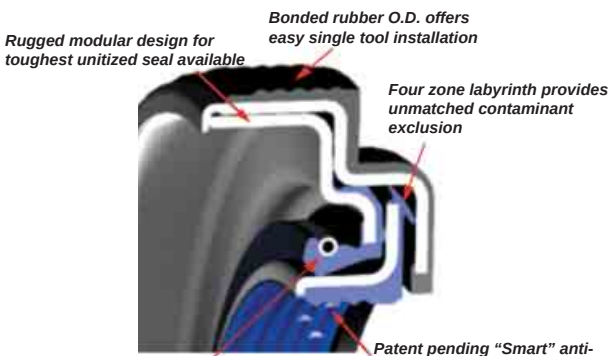
Designed to reduce maintenance and prevent unnecessary wear on expensive spindles, the Grit Guard two-piece design provides effective and lasting protection against contamination.



Discover™ Seals

The Discover seal features a high temperature elastomeric co-polymer sealing element combined with Teflon™. The revolutionary design plus a long life sealing element equals unparalleled performance. Shown to exceed competitor's performance by five times. Utilizes Stemco's patent pending "Smart" anti-rotation feature which insures positive positioning and locking of the seal to the spindle. Features a double steel case design that exhibits strength expected in heavy duty components. This sealing element is protected by a four zone labyrinth to provide unmatched contaminant exclusion and performance. In durability and reliability, Discover blows away the competition!

Stemco introduces the Discover seal. As a pioneer in the hub seal industry, Stemco proudly announces a technologically advanced high performance seal to enter a new millennium.



Many Stemco Wheel End Parts and Tools are available from Gregg Distributors Ltd. Please ask for further information.

NOTE: For your convenience, a Cross Reference can be found on the following pages for Bearings to Hub-Seals.

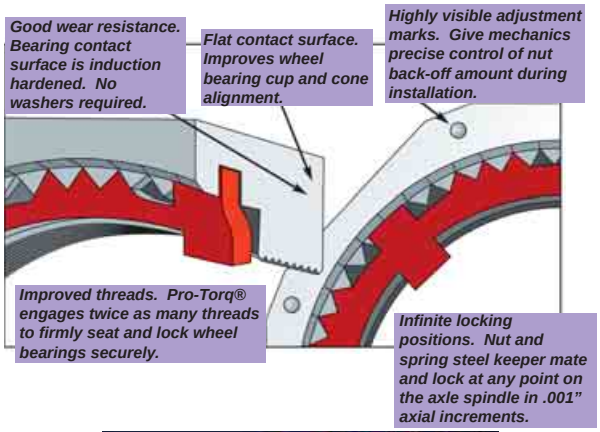
Bearings To Hub-Seal Set Cross Reference

Inner Cup & Cone	Outer Cup & Cone	Guardian®/ Guardian® HP Seal No.	Grit Guard®/ Standard Set	Voyager™/ Discover™
382A/387AS	LM104911/ LM104949		392-9063	
493/495AX	3920/3984		392-9018	
493/495AX	33287/33462	309-0957	392-9057	
493/495AX	39520/39590	309-0957	392-9057 392-9045	
552A/559	552/526		382-8011	
553X/557A	3720/3782	308-0836	382-8036	383-0136 383-0236
563/567	522/528		372-7006	
572/575	572/575		392-9032	
572/580	563/567	309-0903	392-9094 392-9032	393-0103
572/580	42620/42687	309-0961	392-9095	
572/582	563/567	309-0903	392-9094	393-0103
572/582	42620/42687	309-0961	392-9095	
592A/593	65320/65390		372-7022 372-7062	
592A/594	572/580	309-0964 309-0973	392-9088 392-9131	393-0173 393-0273
592A/594A	572/580	309-0960 309-0964 309-0973	392-9132 392-9088 392-9131	393-0173 393-0273
592A/594A	572/582	309-0960	392-9132	
592A/595	572/580	309-0965	392-9096	
592A/598	572/575	309-0965 309-0973	392-9096 392-9131	393-0173 393-0273
592A/598A	653/665	309-0965	392-9092	
592A/598	752/758	309-0965	392-9092	
592A/598	HM617010/ HM617049	309-0965	392-9092	
592A/598A	572/580	309-0960	392-9132	393-0173
592A/598A	572/582	309-0973 309-0960	392-9131 392-9132	393-0273
592A/598	HM617010/ HM617049	309-0960	392-9081 392-9132	
593X/594	593X/594		392-9111	
632/641	3920/3979	308-0853		383-0153
632/641	28622/28682	308-0856		383-0156
633/641	65320/65385			383-8139
652/663	572/575	309-0904	392-9112 392-9007	393-0104 393-0204
653/663	553X/560	307-0713	372-7098	373-0113 373-0213
653/663	HM212011/ HM212049	307-0713	372-7098 372-7003	373-0113 373-0213
653/663A	42620/42687	309-0961	392-9095	
653/665A	HM212011/ HM212049	307-0744		
672/681A	572/575	309-0970	392-9087	
672/683	572/580	309-0970	392-9087	
672/683XA	572/580	309-0970	392-9087	
672/687	772/780	309-0948	392-9089	393-0148
672/687	52618/52400	309-0948	392-9089	393-0148
742/749	632/643		372-7091	
742/749S	632/643		372-7091	
742/749A	653/663		392-9033	
752/756A	HM212011/ HM212046		382-8028 382-8045	
752/756A	HM212011/ HM212047		382-8028 382-8045	
752/758	663/665		392-9001	
752/759	742/740		372-7015	
752/760	742/749		392-9001	
752/760	742/749		392-9062	
772/780	772/776	309-0948	392-9089	393-0148
772/780	854/864	309-0948	392-9089	393-0148
772/780	52618/52400	309-0948	392-9089	393-0148
772/780	77675/77375	309-0948	392-9089	393-0148
772/782	742/749		392-9053	
3720/3778	25820/25877		382-8005	
3720/3778	2720/2790		382-8005	
3920/3982	3820/3877		382-8011	
3920/3984	453X/462		392-9038	
4536/4595	414A/418		382-8010	
5735/5760	572/575	309-0912		393-0112
5735/5760	39520/39590		382-8052	

Inner Cup & Cone	Outer Cup & Cone	Guardian®/ Guardian® HP Seal No.	Grit Guard®/ Standard Set	Voyager™/ Discover™
6320/6379	552A/557S			383-0101
6320/6386A	532A/537		382-8052	
6320/6389	552A/557S			383-0101
6420/6461A	552A/555S	308-0864	382-8064	383-0164 383-0264
6420/6461A	3920/3979	308-0864	382-8064	383-0164 383-0264
6535/6559	653/663		392-9033	393-0134
6535/6580	653/663			393-0134
29820/28995	25523/25580		372-7046	
33462/33281	3920/3982	309-0935	392-9035	
33462/33281	39520/39585		392-9036	
33462/33287	3920/3982	309-0935	392-9035	
33472/33281	3925/3984		392-9045	
33472/33287	3925/3982		392-9045	
39520/39578	25520/25572		382-8010	
39520/39581	3525/3585	308-0836 308-0863	382-8036 382-8063 382-8027	383-0136 383-0236
39520/39581	26820/26878		382-8017	
45220/45284	2720/2780		382-8044	
45220/45284	2720/2786		382-8009	
45220/45284	2720/2793		382-8009	
45220/45284	25820/25880	308-0863	382-8044 382-8063	
45220/45285	2720/2786		382-8009	
45220/45285	2720/2793		382-8009	
45220/45285	2720/2796		382-8009	
47620/47678	39520/39585	309-0912	392-9099	393-0112 393-0212
47620/47685	39520/39590	309-0912	392-9099	393-0112 393-0212
47620/47686	39520/39590	309-0912 309-0915	392-9099 392-9045	393-0112 393-0212
127627/ 1889311	49521/188933		392-9063	
7451691/ 7451929	7451813/ 7451814		392-9063	
H715311/ H715345	552A/555S	308-0856		383-0156
H715311/ H715345	3920/3979	308-0853		383-0153
HM212010/ HM212049	28622/28682	308-0853		383-0153
HM212011/ HM212044	3720/3782	308-0836	382-8036	383-0136 383-0236
HM212011/ HM212047	3720/3779		382-8034	
HM212011/ HM212047	3720/3782	308-0836	382-8036	383-0136 383-0236
HM212011/ HM212047	45220/45282		382-8034	383-0171
HM212011/ HM212049	3720/3782	308-0836	382-8036	383-0136 383-0236
HM212011/ HM212049	45220/45280			383-8139 383-0239
HM212011/ HM212049X	3720/3782	308-0836	382-8036	383-0136 383-0236
HM218210	HM212011	307-0743	372-7097	373-0143
HM21848	HM212049			373-0243
JM205110/ JM205149	25820/25877	308-0866	382-8066	383-0166
JM207010/ JM207049	25820/25877	308-0866	382-8066	383-0166
HM516410/ HM516449	572/575		392-9007	
HM516410/ HM516449	47620/47679	309-0904	392-9112 392-9007	393-0104 393-0204
HM516410/ HM516449A	47620/47679	309-0904	392-9130	393-0104 393-0204
HM518410/ HM518445	HM518410/ HM518445	307-0723	372-7099	373-0123 373-0223
JM205110/ JM204149A	25820/25877		382-8066	
JM511910/ JM510946	JM205110/ JM205149		372-7049	
JF7049A		308-0870		

Pro-Torq® Advanced Axle Spindle Nuts

•Longer Tread Life - Fleets save tires, wheels track truer. Pro-Torq controls axial motion, holding bearing end play near zero while maintaining exact cup and cone alignment on the spindle. This is good news for radial tires. Pro-Torq delivers the adjustment precision which experts agree is needed to maximize radial tire life.
•Extended Wheel Seal and Bearing Service - Pro-Torq supports seal, bearing, and axle manufacturers' specifications. With Pro-Torq's tight control on wheel bearing adjustment, fleets minimize premature seal failure and improve extended seal and brake lining programs. Pro-Torq is also your choice when using new semi-fluid and synthetic grease lubricants to precisely set bearings for lubed-for-life wheel ends. Pro-Torq compensates for normal bearing wear, permitting precise .001" take-up increments at scheduled preventative maintenance intervals. This keeps bearings properly aligned, running collar, and lasting longer.
•Improves ABS - Pro-Torq's reliable low end play bearing adjustment and axial motion control helps assure accurate wheel end sensor monitoring of wheel speeds on anti-lock braking systems. Stemco recommends replacing the keeper assembly each time it is removed for maintenance purposes.



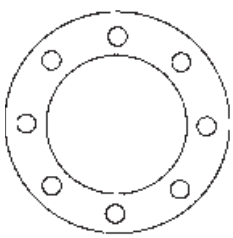
SPINDLE NUT APPLICATIONS	THREAD SIZE	OUTER BEARING PART NO.	TOOL SOCKET
TRAILER AXLE			
Part No. 447-4723 (Keeper #450-4723) Fruehauf Pro-par, Meritor TP	3.480"-12	HM518410/ HM518455	4-13/16"-8 point (OTC #1941)
Part No. 447-4724 (Keeper #450-4723) 22,500# - 23,000# Eaton	3½"-12	HM518410/ HM518445	4-13/16"-8 point (OTC #1941)
Part No. 447-4743 (Keeper #450-4743) 17,000# - 22,500# Meritor, Dana, Eaton, Std Forge, Ingersoll	2⅝"-16	HM212011/ HM212049	3¾"-8 point (OTC #1925)
STEER AXLE			
Part No. 448-4836 (Keeper #450-4836) 12,000# Meritor, Navistar	1½"-12	3720/3782	2½"-6 point (OTC #1921)
Part No. 448-4837 (Keeper #450-4837) 12,000# Eaton, Ford, Meritor	1½"-18	3720/3782	2½"-6 point (OTC #1921)
Part No. 448-4839 (Keeper #450-4839) 12,000#, 14,300# Mack	1⅝"-12	45220/45280	2⅝"-6 point (OTC #1922)
Part No. 448-4864 (Keeper #450-4864) 18,000#, 20,000# Mack	2"-12	552A/555S	3"-6 point (OTC #1906)
DRIVE AXLE			
Part No. 449-4904 (Keeper #450-4904) 34,000#, 38,000#, 44,000# Mack	2⅞"-12	47620/47679 572/575 563/567	4⅛"-6 point (OTC #1915)
Part No. 449-4973 (Keeper #450-4973) 34,000# - 46,000# Eaton, Meritor, Dana, Navistar, 50,000# Mack	3¼"-12	572/580	4⅜"-8 point (OTC #1917)
Part No. 449-4974 (Keeper #450-4743) Meritor, Eaton, Ford, Navistar	2⅝"-12	3920/3984 39520/39590	3¾"-8 point (OTC #1925)
Part No. 449-4975 (Keeper #450-4975) 19,000# Dana, Navistar, Bluebird	2⅝"-12	3920/3984 39520/39590	3¾"-8 point (OTC #1925)

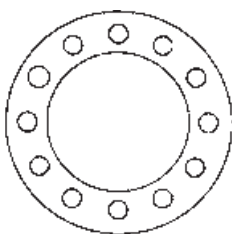
Pinion-Seals

SET NO.	BORE I.D.	YOKE SHAFT O.D.	WEAR SLEEVE*	DUST SEAL*	OIL SEAL*
460-6001	3.625	2.625	419-1946	429-2945	429-2944
460-6002	4.562	2.625	419-1946	1	429-2983
460-6003	3.937	2.937	419-1981	429-2978	429-2977
460-6004	3.542	2.750	419-1982	429-2980	429-2979
460-6005	3.875	2.750	419-1982	1	429-2982
460-6006	4.000	2.937	419-1940	429-2937	429-2938
460-6007	4.000	3.000	419-1939	429-2937	429-2938
-	4.250	2.750	419-1982	1	429-2988
-	4.438	2.625	419-1946	1	429-2989
460-6011	4.250	3.250	419-1941	1	429-2941
460-6012	4.250	3.000	419-1901	1	429-2901
-	3.750	2.750	419-1982	1	429-2903
460-6083	4.250	3.250	419-1983	-	429-2941
460-6084	4.000	2.937	419-1984	429-2937	429-2938

Footnote: 1 = Oil seal and dust seal are an integral unit.
*NOTE: Wear Sleeve, Dust Seal, and Oil Seal are not available as separate items. Numbers are used for clarification of kit number only.

Drive Axle Flange Gaskets

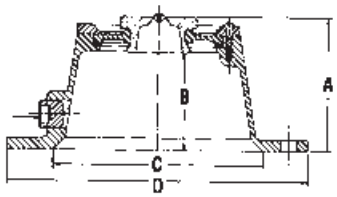

Type 1
8 Hole


Type 2
12 Hole

GASKET PART NO.	TYPE	I.D.	O.D.	BOLT CIRCLE	BOLT SIZE	NO. OF BOLTS
330-3036	1	5½"	8⅝"	7"	3/4"	8
330-3105	2	5-11/16"	7-7/16"	6½"	1/2"	12
330-3106	1	6"	8¼"	7"	5/8"	8
330-3107	1	5⅝"	8½"	7"	3/4"	8
330-3108	1	4"	5-9/16"	4¾"	7/16"	8
330-3109	1	4½"	6⅛"	5-5/16"	1/2"	8
330-3110	1	5⅝"	7⅜"	6⅜"	9/16"	8
330-3111	1	5¾"	8⅜"	7"	5/8"	8
330-3112	1	4"	6-7/16"	5½"	5/8"	8
330-3113	2	4½"	6-1/16"	5¼"	1/2"	12
330-3114	2	5"	6½"	5-11/16"	7/16"	12
330-3115	2	4¼"	6⅛"	5¼"	1/2"	12

Bolt-On Hub Caps By Bolt Circle

BOLT CIRCLE	BOLT SIZE	NO. OF BOLTS	A HEIGHT	B INSIDE DEPTH	C FLANGE I.D.	D FLANGE O.D.	HUB CAP INCLUDES GASKET	GASKET NUMBER
3-5/8"	5/16"	4	2-1/4"	1-1/2"	2-3/4"	4-1/2"	343-4065	330-3040
4-1/16"	3/16"	6	2-5/8"	1-7/8"	3-5/16"	4-1/2"	340-4139	330-3094
4-1/2"	5/16"	6	2-5/8"	1-7/8"	3-1/2"	5-1/4"	343-4024	330-3024
5"	1/4"	4	3-1/8"	2-3/8"	4"	5-3/4"	343-4028	330-3028
5-1/8"	5/16"	6	2-7/8"	2-1/8"	3-3/4"	5-3/4"	343-4066	330-3041
5-1/8"	5/16"	6	1-7/8"	1-1/8"	4"	5-11/16"	343-4042	330-3041
5-1/4"	3/8"	3	2-7/8"	2-1/8"	4-3/8"	6"	343-4002	330-3002
5-1/4"	3/8"	3	3-1/2"	2-3/4"	4-1/8"	-	343-4019	330-3019
5-1/2"	5/16"	5	2-11/16"	1-15/16"	4-3/8"	6-1/4"	343-4013	330-3013
5-1/2"	5/16"	6	1-13/16"	1-11/16"	4-7/16"	6-3/16"	343-4249	330-3122
5-1/2"	5/16"	6	1-13/16"	1-1/16"	4-9/16"	6-3/16"	343-4095	330-3009
5-1/2"	5/16"	6	2-5/16"	1-9/16"	4-9/16"	6-3/16"	343-4046	330-3009
5-1/2"	5/16"	6	2-11/16"	1-15/16"	4-3/8"	6-1/4"	4009 Series	330-3009
Hub Cap Variations for Above (4009) Series Caps							see below	
Cast aluminum hub cap with red fill plug without side fill plug						340-4009	330-3009	
Cast aluminum hub cap with dirt exclusion window and no side fill plug						342-4009		
Cast aluminum hub cap with red fill plug with side fill plug						343-4009	330-3009	
Cast aluminum hub cap with hubodometer mount window and fill plug							347-4009	330-3009
5-17/32"	3/8"	6	1-13/16"	1-9/16"	4-7/16"	6-3/16"	343-4250	330-3122
5-9/16"	5/16"	6	1-13/16"	1-11/16"	4-7/16"	6-3/16"	343-4249	330-3122
5-9/16"	5/16"	3	2-7/8"	2-1/8"	3-3/4"	6-3/8"	343-4049	330-3042
5-9/16"	5/16"	6	2-7/8"	2-1/8"	3-11/16"	6-3/8"	343-4149	330-3097
5-7/8"	5/16"	6	1-3/8"	5/8"	4-1/4"	6-1/2"	343-4025	330-3025
5-7/8"	5/16"	6	2-3/8"	1-5/8"	5-1/8"	-	343-4036	330-3035
6"	5/16"	6	2-5/8"	1-7/8"	5"	6-3/4"	343-4059	330-3056
6"	3/8"	6	3-3/16"	2-3/8"	4-15/16"	6-7/8"	343-4080	330-3060
6-1/8"	3/8"	3	2-11/16"	1-15/16"	4-5/16"	7"	343-4011	330-3011
6-5/8"	1/4"	6	2-13/16"	2-1/16"	5-5/16"	7-1/8"	343-4034	330-3034
6-3/4"	5/16"	6	2-11/16"	1-9/16"	4-3/8"	6-1/4"	343-4195	330-3118
6-3/4"	3/8"	6	2-11/16"	1-15/16"	5"	7-3/4"	343-4064	330-3079
7"	5/8"	8	2-1/16"	1-5/16"	4-5/16"	8-1/4"	340-4119	330-3090
7-1/4"	1/4"	6	2-7/8"	2-1/8"	6-1/4"	7-7/8"	343-4107	330-3084
Blank	None	-	2-1/8"	1-3/8"	4-1/32"	8-5/8"	340-4054	330-3017
Threaded 6-1/4" x 8 UN (male)			2-5/16"	1-9/16"	5-3/4"	6-7/8"	4075 Series	330-3077
Hub Cap Variations for Above (4075) Series Caps							see below	
Clear polycarbonate hubcap with side fill plug						340-4975	330-3077	
Cast aluminum hub cap with side fill plug							343-4075	330-3077
Cast aluminum hub cap with hubodometer window and side plug							347-4075	330-3077



How To Determine Bolt Circle
Count the number of mounting holes; measure diameter of bolts; measure bolt circle (select 2 holes opposite each other and measure from the centre of one bolt to the centre of the one opposite). On odd number holes, measure inside diameter of hub and add twice the distance from the bore to the centre of bolt hole.

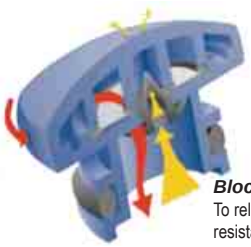
Sentinel® Hub Caps

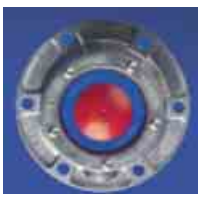
Vent pressure while keeping contaminants out and lubricant in...

To relieve pressure, Sentinel ESP's duck-billed pressure relief valve opens, allowing pressure to vent out, while the umbrella check valve remains closed, stopping lubricant from leaking out and contaminants from flowing in.

BASE PART NO.	OIL CAP	GREASE CAP	BOLT CIRCLE	BOLT SIZE	NO. OF BOLTS	GASKET NO.
4009	348-4009	349-4009	5½"	5/16"	6	330-3009
4013	348-4013	349-4013	5½"	5/16"	5	330-3013
4046	348-4046	349-4046	5½"	5/16"	6	330-3009
4075	348-4075	349-4075	6¼" x 8" UN (male)			330-3077
4095	348-4095	349-4095	5½"	5/16"	6	330-3009
4195	348-4195	349-4195	6¾"	5/16"	6	330-3118

REPLACEMENT VENT PLUGS:
Part No. 359-5915, 3/4" vent plug.
Part No. 359-5990, 1⅛" vent plug.





Block moisture and contaminants from entering the hub cap...

To relieve vacuum, Sentinel ESP's interior check valve lifts slightly, drawing air through the water resistant expanded PTFE fabric filter into the wheel end, while the duck-bill check valve remains closed, blocking dirt, grime, and other contaminants from entering.

Sentinel Oil Window Kits

•For retrofitting standard caps.

Part No. 359-6143, 2¾" window kit, includes gasket and screws
Part No. 359-6145, 3½" window kit, includes gasket and screws

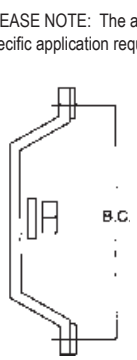
STEMCO
Hubodometer® & Accessories

Whether for maintenance purposes or logging miles, accuracy is critical. So, if your Hubodometer doesn't give you an honest, accurate calculation of miles travelled, you're losing money and profits. Stemco builds a drive-less Hubodometer guaranteed to deliver mileage accuracy within ±2% (based on the life of the tire). With construction so durable, it's backed with a 500,000 mile warranty.

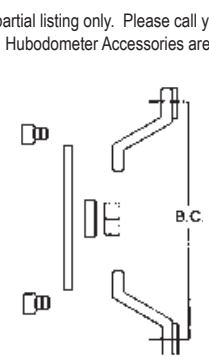
PART NO.	READS	FITS TIRE SIZE
650-0526	kilometres	12.00R20, 11R22, 13-22.5, 12R24.5
650-0532	kilometres	11.00R20, 10.00R22, 11.00R22, 12R22.5, 365/70-22.5, 10R24, 11R24.5
650-0537	kilometres	18-19.5, 9.00-20, 10.00-20, 10.00R22, 10.00-22.5, 11.00-22.5, 15/22.5, 385/65R22.5, 385/75-22.5, 9.00R20
650-0539	kilometres	10.00R20, 13/80R20, 11R22.5, 295/80R22.5, 295/85R22.5, 315/75R22.5, 275/80R24.5, 285/75R24.5
650-0545	kilometres	9.00R20, 10.00/90R20, 10R22.5, 275/80R22.5, 295/75R22.5, 315/70R22.5
650-0665	kilometres	8.25R20, 9R22.5, 255/80R22.5, 275/70R22.5
650-0587	miles	10.00R22, 11-24.5
650-0593	miles	11.00-20, 11.50-20, 14/80R20, 365/80R20, 11.00R22, 12R22.5, 12.5R22.5, 12.75R22.5, 365/70R22.5
650-0598	miles	10.00-20, 11-22.5, 15R22.5
650-0610	miles	9.00R20, 10.00/90R20, 10R22.5, 275/80R22.5, 295/75R22.5, 315/70R22.5
650-0626	miles	10.00-15, 37X12.50R16.5, 255/70R22.5

PLEASE NOTE: The above is a partial listing only. Please call your Gregg Distributors representative today for more information or specific application requirements. Hubodometer Accessories are continued on the following page.

STEMCO®



*Fits 4009 hub cap.



†Universal mount.

Popular Hubodometer Brackets

•In popularity order

PART NO.	BOLT CIRCLE DIAMETER	STUD SIZE	HEIGHT
610-0065*	5½"	5/16"	3½"
610-0006	7"	5/8"	1-11/16"
610-0007	7"	3/4"	1-11/16"
610-0011†	5½ - 7½"	1/2"	1¾"
610-0002	5½"	5/8"	1-11/16"
610-0003	6⅜ - 6½"	1/2 - 9/16"	1-11/16"
610-0005	7¼"	9/16"	1-11/16"

Hubodometer Hub Caps

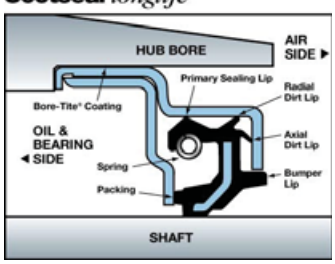
•For trailer installations

HUB CAP INCLUDES GASKET	GASKET PART NO.	BOLT CIRCLE DIAMETER	NO. OF HOLES	BOLT DIAMETER	ALUMINUM EQUIVALENT
640-0001	641-0005	5½"	6	5/16"	347-4009
640-0002	-	5½"	5	5/16"	-
640-0003	330-3077		6¼" x 8" UN (M)		347-4075

SKF/CR®
Seals

SKF/CR Scotseal Plus®
SKF/CR Scotseal Plus® is a unitized or single piece design. It has four sealing lips; a primary sealing lip, radial and axial dirt lips, plus an outer bumper lip that acts as a preliminary dirt excluder. The primary sealing lip is made of nitrile. It incorporates the CR Waveseal® design that creates a sweeping motion as the wheel rotates to return lube to the bearing while reducing heat build-up.

Scotseal *longlife*



SKF/CR Scotseal®
SKF/CR Scotseal® are unitized or single piece designs. Each incorporates three sealing lips; one primary sealing lip to keep oil in and two secondary lips to keep dirt out. The sealing element used in Scotseal is made of nitrile rubber.

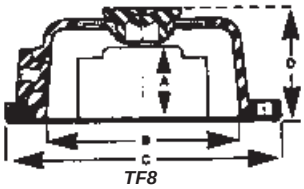
Inner Cup & Cone	Outer Cup & Cone	SKF/CR Scotseal Plus®	SKF/CR Scotseal®	National
572/582	563/567	45093	45099	370022A
592A/594	572/580	45157 47692	45160 47697	370021A 370003A
592A/595	572/580	-	43860	370019A
592A/598	572/575	-	43860	370019A
592A/598A	653/665	-	43860	370019A
592A/598	752/758	-	43860	370019A
592A/598	HM617010/ HM617049	-	43860	370019A
632/641	3920/3979	44916	44922	370124A
653/665A	HM212011/ HM212049	43754	43752	370338A 370037A
663/653	HM212049/ HM212011	40129	40136 43752	370036A
742/749A	653/663		44964	370178A
6535/6559	653/663		44964 45010	370178A
33462/33281	39520/39585	-	35000	370169A
39520/39581	3525/3585	35058 -	35066 34975	370001A 370132A
47620/47678	39520/39585		39380	
47620/47686	39520/39590	38776	38780	370023A
HM212011/ HM212047	45220/45282	-	36358 36365	370011A
HM212047/ HM212011	3782/3720	35058	35066	370001A
HM212049/ HM212011	3782/3720	35058	35066 36285	370001A
HM218210/ HM218248	HM212011/ HM212049	46300	46305	370025A
HM516410/ HM516449	47620/47679	42673	42672	370031A
HM516410/ HM516449A	47620/47679		42800 40136	
HM518410/ HM518445	HM518410/ HM518445	42627	42623	370349A 370065A

SKF/CR®

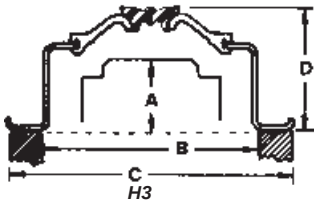
Hub Caps

How to Determine Correct Hub Cap for Mounting

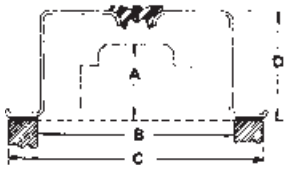
Bolt-on Caps: Count the number of mounting holes, measure diameter of bolts; measure bolt circle (select 2 holes opposite each other and measure from the centre of one bolt hole to the centre of the one opposite).



TF8
ZYTEL



H3
STEEL



H4
STEEL

SKF/CR NUMBER			Bolt Holes	Hole Size	Bolt Circle	Max. Axle Ext. (A)	HUB CAP SIZE			TYPE
Hubcap Kit	REPLACEMENT						I.D. (B)	O.D. (C)	HEIGHT (D)	
	Gasket	Plug								
1612	453869	453807	6	.349	4.500	1.880	3.500	5.250	2.609	TF8; Zytel
1696	450799	450434	6	.349	6.750	3.400	5.662	7.500	3.688	TF8; Zytel
1743	453795	450434	6	.313	5.500	1.742	4.525	6.313	2.683	H3; steel
1753	453795	450434	6	.313	5.500	1.835	4.525	6.173	2.683	H4; steel

NATIONAL®

Oil Seals

BCA®

Bearings

Gregg Distributors Ltd. carries an inventory of oil seals and tapered wheel bearings directed towards the heavy duty fleet market.

(Please ask a Gregg Distributors representative for further information on the BCA and National lines.)

FEDERAL MOGUL

PREMIER

Polyurethane Bushings

- *Suspension Bushings*
- *5th Wheel Bushings*
- *Motor Mounts*
- *Trunnion Bushings*
- *Torque Arm/Rod Bushings*
- *Load Cushions*
- *Hood Hinge Bushings*
- *Insulator Pads*
- *Radiator Support Bushings*
- *Drawbar Eye Bushings*
- *Gladhand Seals*

Available For The Following Manufacturers:

- *Freightliner*
- *Holland*
- *Kenworth*
- *Mack*
- *Navistar*
- *Peerless*
- *Peterbilt*

HITCHMASTER COUPLINGS PREMIER MFG. CO.

INNER CAP NUT
O.E. standard for dual steel wheels. Through hardened. Zinc yellow dichromate plating. Grade 8.
Outer thread: 1-1/8"-16
Inner thread: 3/4"-16
Inner thread min. depth: 1-1/4"
Outer overall length: 2-7/32"
Part No. E-7895-R, Right.
Part No. E-7895-L, Left.

INNER CAP NUT
O.E. standard for steel inner and aluminum outer wheels. Through hardened. Grade 8.
Outer thread: 1-1/8"-16
Inner thread: 3/4"-16
Inner thread min. depth: 1-7/8"
Outer overall length: 3-1/16"
Part No. E-7897-R, Right.
Part No. E-7897-L, Left.

INNER CAP NUT
O.E. standard for dual aluminum wheel applications. Through hardened. Grade 8.
Outer thread: 1-1/8"-16
Inner thread: 3/4"-16
Inner thread min. depth: 1-15/16"
Outer overall length: 3-1/16"
Part No. E-5988-R, Right.
Part No. E-5988-L, Left.

DISC WHEEL NUT
For outer dual or large stud single mounting. Through hardened. Zinc yellow dichromate plating. Grade 8.
Thread: 1-1/8"-16
Hex: 1-1/2"
High: 7/8"
Part No. E-5977-R, Right.
Part No. E-5977-L, Left.

DISC WHEEL NUT
For single mounting, front or rear. Grade 8.
Thread: 3/4"-16
Hex: 1-1/2"
High: 7/8"

Part No. E-5652-R, Right.
Part No. E-5652-L, Left.

FLANGED CAP NUT
Thread: 11/16"-16
Hex: 1-1/8"
High: 1-1/16"
Part No. E-5734.

BACK NUT
Locknut, heat treated.
Thread: 3/4"-16
Hex: 1-1/8"
High: 21/32"
Part No. E-4961A.

BACK NUT
Locknut, heat treated.
Thread: 7/8"-14
Hex: 1-1/4"
High: 49/64"
Part No. E-1835.

SPOKE WHEEL RIM NUT
Flat face, 2 sides. Grade 5.
Thread: 5/8"-11
Hex: 1-1/16"
Part No. E-4962.

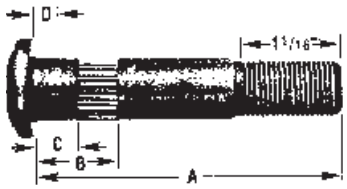
SPOKE WHEEL RIM NUT
Flat face, 2 sides. Grade 5.
Thread: 3/4"-10
Hex: 1-1/4"
Part No. E-4963.

CLIPPED COLLAR SHOULDER STUDS
3/4"-16 threads both ends. Grade 8.

PART NO.	DESC.	"A"	"B"	"C"	"D"	"E"
E-5559-R	Right	3-23/32"	2-3/16"	1-1/16"	1-11/32"	1-5/32"
E-5559-L	Left	3-23/32"	2-3/16"	1-1/16"	1-11/32"	1-5/32"
E-5557-R	Right	5-1/32"	3-1/2"	2-15/32"	1-11/32"	1-5/32"
E-5557-L	Left	5-1/32"	3-1/2"	2-15/32"	1-11/32"	1-5/32"

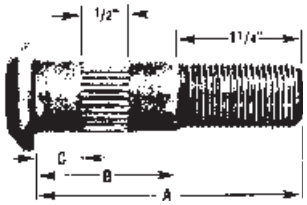
SERRATED WHEEL STUDS
3/4"-16 thread. Grade 8.

PART NO.	DESC.	"A"	"B"	"C"	"D"
E-5765-R	Right	3-3/8"	2"	3/8"	3/16"
E-5765-L	Left	3-3/8"	2"	3/8"	3/16"



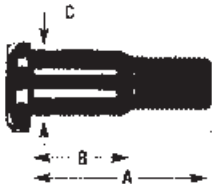
SERRATED WHEEL STUDS
3/4"-16 thread. Grade 8.

PART NO.	DESC.	"A"	"B"	"C"
E-4965-R	Right	2-3/8"	1"	1/4"
E-4965-L	Left	2-3/8"	1"	1/4"



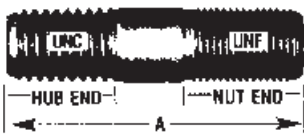
CLIPPED HEAD STUDS
3/4"-16 thread. Grade 8.

PART NO.	DESC.	"A"	"B"	"C"
E-4988-R	Right	2-1/4"	1-1/32"	7/8"
E-4988-L	Left	2-1/4"	1-1/32"	7/8"



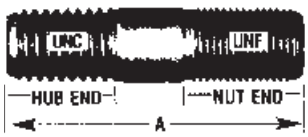
DRIVE FLANGE STUDS — BUDD
Grade 8.

			HUB END		NUT END	
PART NO.	BODY DIAMETER	"A"	THREAD	THREAD LENGTH	THREAD	THREAD LENGTH
E-5798	1/2"	2-3/8"	1/2"-13	13/16"	1/2"-20	7/8"
E-5800	5/8"	2-3/4"	5/8"-11	1"	5/8"-18	1"



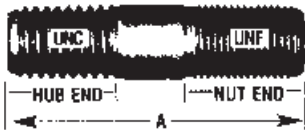
DRIVE FLANGE STUDS — DAYTON, GUNITE
Grade 8.

			HUB END		NUT END	
PART NO.	BODY DIAMETER	"A"	THREAD	THREAD LENGTH	THREAD	THREAD LENGTH
E-5955	3/4"	3-1/4"	3/4"-10	1-1/8"	3/4"-16	1-1/4"



DRIVE FLANGE & GENERAL PURPOSE STUDS
Grade 8.

			HUB END		NUT END	
PART NO.	BODY DIAMETER	"A"	THREAD	THREAD LENGTH	THREAD	THREAD LENGTH
E-4942	1/2"	2"	1/2"-13	11/16"	1/2"-20	1-1/16"
E-4944	1/2"	2-1/2"	1/2"-13	13/16"	1/2"-20	1-3/16"
E-4946	1/2"	3"	1/2"-13	15/16"	1/2"-20	1-3/4"
E-4947	1/2"	3-1/2"	1/2"-13	15/16"	1/2"-20	2-1/4"
E-4950	9/16"	3-1/4"	9/16"-12	15/16"	9/16"-18	1-15/16"
E-5702	5/8"	2-5/8"	5/8"-11	1-1/16"	5/8"-18	1-1/16"
E-4951	5/8"	2-5/8"	5/8"-11	15/16"	5/8"-18	1-1/4"
E-4952	5/8"	3"	5/8"-11	7/8"	5/8"-18	1-13/16"



DRIVE FLANGE WEDGES
Plated.

PART NO.	"A"	"B"	"C"
E-5737	7/16"	3/4"	13/32"
E-5738	7/16"	13/16"	11/32"
E-5739	1/2"	13/16"	5/16"
E-5740	1/2"	13/16"	13/32"
E-5957	1/2"	7/8"	15/32"
E-5742	9/16"	7/8"	3/8"
E-5743	5/8"	1"	15/32"
E-5960	5/8"	1"	9/16"

DRIVE FLANGE NUTS

PART NO.	THREAD	HEX	HEIGHT
E-5962	1/2"-20	3/4"	9/16"
E-5963	9/16"-18	7/8"	31/64"
E-5964	3/4"-16	1-1/16"	21/32"

EUCLID
an ArvinMeritor brand

Wheel Attaching Parts

DRUM BOLT ASSEMBLY

Grade 8. 3/4"-16 UNF thread size. 2" length.
Part No. E-5972.

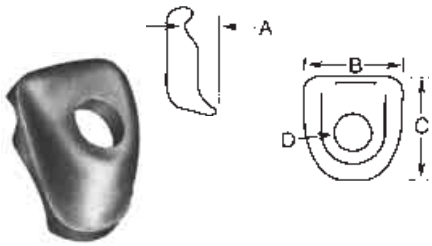
SPOKE WHEEL & RIM STUDS

Grade 8.

PART NO.	"A"	THREAD LENGTH		
		THREAD	"B"	"C"
E-4955	2-3/8"	5/8"-11	7/8"	1-7/32"
E-4958	2-3/4"	5/8"-11	7/8"	1-11/16"
E-4956A	3"	3/4"-10	1-1/16"	1-3/4"
E-5706	3-1/8"	3/4"-10	1-1/16"	1-7/8"
E-5726	3-1/4"	5/8"-11	7/8"	1-7/8"
E-4957	3-9/16"	3/4"-10	1-5/8"	1-5/8"

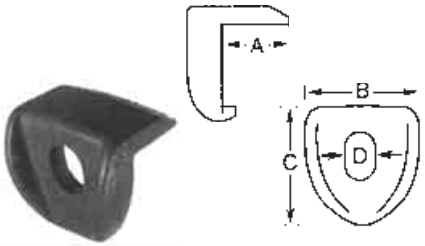
RIM CLAMP

PART NO.	"A"	"B"	"C"	"D"
E-5926	1/2"	2"	2"	3/4"



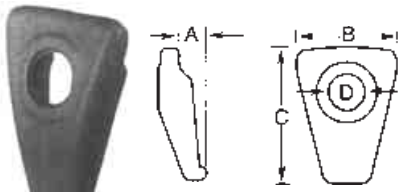
RIM CLAMP

PART NO.	"A"	"B"	"C"	"D"
E-5885	1-3/16"	2-1/2"	2-13/32"	3/4"



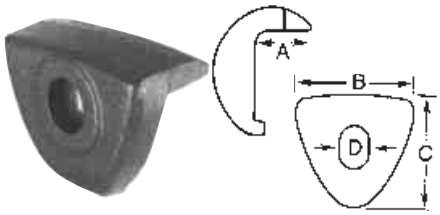
RIM CLAMP

PART NO.	"A"	"B"	"C"	"D"	RIM WIDTH
E-5902	1/2"	2-1/2"	3-5/8"	3/4"	8"



RIM CLAMPS

PART NO.	"A"	"B"	"C"	"D"	SPACER WIDTH
E-5570	1"	2-7/8"	2-1/2"	5/8"	4"
E-5571A	1-1/8"	2-7/8"	2-1/2"	3/4"	4"
E-5046	1-1/16"	3"	2-13/32"	3/4"	4"
E-5040A	1-1/2"	2-7/8"	2-1/2"	3/4"	3-5/8"
E-5044	1-5/8"	2-3/4"	2-1/2"	5/8"	3-3/8"
E-5572A	1-3/4"	2-7/8"	2-1/2"	3/4"	3-3/8"



TRAILER AXLE SPINDLE NUTS

Rockwell, Eaton, Kershaw, and Std.
Forge 17,000 and 18,000 lb. trade axles.

PART NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS	
					O.D.	I.D.
E-540	Inner nut	3-13/16"	2-5/8"-16	3/8"	—	—
E-572	Outer nut	3-1/4"	2-5/8"-16	3/8"	—	—
E-573	Lock washer	—	—	1/4"	3-15/16"	2-41/64"
E-2237	Tab lock	—	—	1/16"	4-1/32"	2-41/64"
E-3009	Tab lock	—	—	1/16"	4-1/32"	2-41/64"

GREASE HUB CAP

5-1/2" bolt circle. 6-1/8" O.D.;
4-1/2" I.D. Bolt diameter 5/16"; number of bolts - 6. Use with #E-03009 gasket.
Part No. E-975.

HUB CAP GASKET

5-1/2" bolt circle. 6-3/8" O.D.;
4-27/64" I.D. Bolt diameter
5/16" and 3/8". Number of bolts - 3, 5, and 6.
Part No. E-03009.

HUB CAP FOR FRUEHAUF "PRO-PAR" AXLE

Part No. E-04075, Hub cap.
Part No. E-05500, O-ring.
Part No. E-04000, Filler plug.

HEAVY DUTY SPINDLE NUT WRENCH

For Fruehauf "Pro-Par" spindle nuts and hub caps.
Part No. E-1597A.

WHEEL BEARING LOCK-NUT WRENCHES

Euclid wrenches have a 3/4" drive square opening for use with an extension and torque wrench to tighten the Lock-Nut as required. A longer extension can be used for wide rims. Wrenches are made of high strength and heavy duty gauge steel. Resists rounding out.

PART NO.	OPENING SIZE
E-1901	2-3/32" (6 pt.)
E-1920	2-1/4" (6 pt.)
E-1902	2-3/8" (6 pt.)
E-1936*	2-3/8" (6 pt.)
E-1903	2-3/8" (8 pt.)
E-1921	2-1/2" (6 pt.)
E-1904	2-9/16" (6 pt.)
E-1905	2-9/16" (8 pt.)
E-1928*	2-9/16" (6 pt.)
E-1922	2-5/8" (6 pt.)
E-1932	2-7/8" (6 pt.)
E-1933	2-7/8" (8 pt.)
E-1923	2-3/4" (6 pt.)
E-1937	2-3/4" (8 pt.)
E-1906	3" (6 pt.)
E-1907	3" (8 pt.)
E-1934	3-1/8" (6 pt.)

PART NO.	OPENING SIZE
E-1935	3-1/8" (8 pt.)
E-1908	3-1/4" (6 pt.)
E-1909	3-1/4" (8 pt.)
E-1924	3-3/8" (8 pt.)
E-1910	3-1/2" (6 pt.)
E-1911	3-1/2" (8 pt.)
E-1925	3-3/4" (8 pt.)
E-1926	3-3/4" (6 pt.)
E-1927	3-13/16" (8 pt.)
E-1912	3-7/8" (6 pt.)
E-1913	3-7/8" (8 pt.)
E-1914	4" (6 pt.)
E-1915	4-1/8" (6 pt.)
E-1916	4-3/8" (6 pt.)
E-1917	4-3/8" (8 pt.)
E-1918	4-7/8" (6 pt.)
E-1919	4-7/8" (8 pt.)

*Fits special "rounded" hex nuts found on Dana axles of some Ford trucks.

TUBULAR SPANNER WRENCHES

New style with 3/4" drive square opening.

1946 through current Chevrolet 5200 and 7200 lb. axles. Used with nut size 2"-16 thread (GM3663657).
Part No. E-1929.

1954 through current Chevrolet 11,000 and 13,500 lb. axles. Used with nut size 2-1/8"-16 thread (GM473636).
Part No. E-1930.

1954 through current Chevrolet 15,000 lb. axles; 1965 through current Chevrolet 15,000 lb. trailing axle; 1966 through current Chevrolet 17,000 lb. 2-speed axle. Used with nut size 2-1/2"-16 thread (GM3703711).
Part No. E-1931.

EUCLID
Wheel Attaching Parts

DISC OUTER NUT WRENCH
1½" hex - holds outer nut while turning inner nut.
Part No. E-5855.

STUD SETTER
For installing spoke wheel studs. The only other tool needed is an impact wrench with 1⅛" and 1¼" sockets or 4-way wrench.
Part No. E-5833, For 5/8" stud size, USS thread.
Part No. E-5834, For 3/4" stud size, coarse thread.

BROKEN CAP NUT & STUD REMOVAL TOOL KIT
3 tools for the price of 1. Eliminates the need to buy an entire new tool when teeth wear. Replace only the rib nut at a fraction of the cost of other removal tools.
Part No. E-5205, Broken stud and cap nut removal kit. Includes 1-1/8" rib nut, 3/4" rib nut, 5/8" rib nut, and drive-on tool.
Part No. E-5206, 1-1/8" replacement rib nut for removing broken 1-1/8" inner cap nuts.
Part No. E-5207, 3/4" replacement rib nut for removing broken 3/4" wheel studs.
Part No. E-5208, 5/8" replacement rib nut for removing broken 5/8" wheel studs.

Please Note: The preceding pages featuring Euclid Wheel Attaching Parts is only a partial representation of the line. Gregg Distributors Ltd. offers a much wider assortment of Wheel Attaching Parts from Euclid, please call for more information.

MIDLAND
"Like-Nu" Remanufactured Compressors

AIR COOLED — BENDIX
•4 hole base mount
•Flanged discharge
•Air cooled
•Requires pulley

PART NO.	BENDIX TYPE	PORT LOCATION
227406X	Tu-Flo 400	L/L
227407X	Tu-Flo 400	R/R

WATER COOLED — BENDIX
•4 hole base mount
•Flanged discharge
•Water cooled
•Requires pulley

PART NO.	BENDIX TYPE	PORT LOCATION
227400X	Tu-Flo 400	L/L
227401X	Tu-Flo 400	R/R
228479X	Tu-Flo 500	L/L
286526X	Tu-Flo 501	L/L
286528X	Tu-Flo 501	L/T
286530X	Tu-Flo 501	L/L
227321X	Tu-Flo 500/600/700	R/R
227323X	Tu-Flo 500/600/700	L/L

WATER COOLED — 6 HOLE BENDIX
•6 hole base mount •Flanged discharge •Water cooled •For CAT 3208 •Requires pulley

PART NO.	BENDIX TYPE	PORT LOCATION
286585X	Tu-Flo 400/501	L/L

WATER COOLED — MIDLAND
•4 hole base mount
•Flanged discharge
•Water cooled
•Requires pulley

PART NO.	MIDLAND TYPE	PORT LOCATION
EL13020X	EL1300	R/R
EL13060X	EL1300	R/R
EL16060X	EL1600	R/R

WATER COOLED — SLANT MOUNT BENDIX
•Slant base mount
•Threaded discharge
•Water cooled
•Base oil option
•Requires pulley

PART NO.	BENDIX TYPE	PORT LOCATION
286561X	Tu-Flo 501	L/T

WATER COOLED — CATERPILLAR FLANGE MOUNT — BENDIX
•Flange mount
•Gear, spline, or tapered shaft drives
•Flanged discharge
•Water cooled

PART NO.	BENDIX TYPE	PORT LOCATION	DRIVE STYLE	ENGINE APPLICATION
107509X	Tu-Flo 550	L/L & T	Tapered Shaft	3406B
286584X	Tu-Flo 501	L/T	Gear	3306
286546X	Tu-Flo 501	L/T	Spline	Various
289349X	Tu-Flo 500-700	L/L & T	Spline	Various
103274X	Tu-Flo 501	L/T	Tapered Shaft	3406B
103278X	Tu-Flo 700	L/L	Tapered Shaft	3406
107508X	Tu-Flo 750	L/L & T	Tapered Shaft	3406B

Haldex

All Like-Nu Remanufactured Valves & Compressors carry the same warranty as new product. Please note: Items may not be exactly as illustrated.

"LIKE-NU" REMANUFACTURED COMPRESSORS

WATER COOLED — CATERPILLAR FLANGE MOUNT — MIDLAND

- Flange mount
- Gear, spline, or tapered shaft drives
- Flanged discharge
- Water cooled

PART NO.	MIDLAND TYPE	PORT LOCATION	DRIVE STYLE	ENGINE APPLICATION
EL13151X	EL1300	R/R	Gear	3306
EL13120X	EL1300	R/R	Spline	Various
EL13200X	EL1300	R/R	Tapered Shaft	3406B
EL16200X	EL1600	R/R	Tapered Shaft	3406B

All Like-Nu Remanufactured Valves & Compressors carry the same warranty as new product. Please note: Items may not be exactly as illustrated.

WATER COOLED — CUMMINS — BENDIX

- Cummins short case - flange mount
- Threaded/flanged discharge or optional discharge
- Water cooled

†•Available in single cylinder

PART NO.	BENDIX TYPE	PORT LOCATION
3018543X†	Single cylinder	-
286554X	Tu-Flo 501	L/L
289339X	Tu-Flo 500-600-700	L/L & T

WATER COOLED — DETROIT DIESEL — BENDIX 0°

- Flanged/optional discharge
- Water cooled
- Flange mount

PART NO.	BENDIX TYPE	PORT LOCATION
276961X	Tu-Flo 500	L/L
276962X	Tu-Flo 500	R/R
286538X	Tu-Flo 501	L/L
286539X	Tu-Flo 501	R/R
289925X*	Tu-Flo 700	L/L & T
289941X*	Tu-Flo 700	R/R & T

*Denotes optional discharge

WATER COOLED/AIR COOLED — DETROIT DIESEL — BENDIX FLANGE MOUNT

- 60 Series, through drive
- Water/air cooled
- Flange mount

PART NO.	BENDIX TYPE	PORT LOCATION
107623X	Tu-Flo 750	L & L/T
107622X	Tu-Flo 550	L & L/T

WATER COOLED — CUMMINS — MIDLAND

- Cummins short case - flange mount
- Flanged discharge
- Water cooled

PART NO.	MIDLAND TYPE	PORT LOCATION
EL13040X	EL1300	R/R
EL16040X	EL1600	R/R

WATER COOLED — DETROIT DIESEL — MIDLAND 0°

- Flanged discharge
- Water cooled
- Flange mount

PART NO.	MIDLAND TYPE	PORT LOCATION
EL13050X	EL1300	R/R
EL16050X	EL1600	R/R

WATER COOLED — DETROIT DIESEL — BENDIX 45°

- Threaded/optional discharge
- Water cooled
- Flange mount

PART NO.	BENDIX TYPE	PORT LOCATION
286542X	Tu-Flo 501	L/T
286543X	Tu-Flo 501	R/T
101158X	Tu-Flo 700	R/R & T
289342X	Tu-Flo 700	L/L & T

WATER COOLED — MACK — BENDIX

- Mack (extended flange)
- Threaded/flanged discharge
- Water cooled

PART NO.	BENDIX TYPE	PORT LOCATION
286544X	Tu-Flo 501	R/R
289340X	Tu-Flo 700	R/R & T

WATER COOLED — DETROIT DIESEL — MIDLAND 50°

- Flanged discharge
- Water cooled
- Flange mount

PART NO.	MIDLAND TYPE	PORT LOCATION
EL13100X	EL1300	R/R
EL16100X	EL1600	L/R

WATER COOLED — MACK — MIDLAND

- Mack (extended flange)
- Flanged discharge
- Water cooled

PART NO.	MIDLAND TYPE	PORT LOCATION
EL13111X	EL1300	R/R
EL16111X	EL1600	R/R

MIDLAND

"Like-Nu" Remanufactured Compressors

REMANUFACTURED WABCO AIR COMPRESSORS

PART NO.	HALDEX CORE GROUP	APPLICATION	SIZE	CFM
9111535200X	WAB1	CUMMINS L, M,N	85MM	18.7
9111535400X	WAB2	MACK THRU DRIVE	85MM	18.7
9111535100X	WAB3	CUMMINS ISX	85MM	18.7
9111545000X	WAB5	CUMMINS B SERIES	75MM	15.2

Compressor Accessories & Parts

AIR CLEANERS

Part No. KN19040, This air cleaner provides greater atmospheric air intake capacity. Suitable for mounting on Midland and competitive model compressors. May also be remote mounted by using accessory intake manifold connector kits SN3711AC, SN3711AD, plus 3/4" I.D. hose cut to length. Unit includes filter #100696E; has 2.75" mounting centres; is 4.30" in diameter and 4.44" overall height.
Part No. 100696E, Replacement element for KN19040. 1-1/4" I.D., 4" O.D., 1" width.

UNLOADER REPAIR KIT

Part No. RNT26A, For all EL1300/EL1600 naturally aspirated and turbochargeable compressors.

MANIFOLD KITS — DISCHARGE

Part No. SN3711K, For all EL1300/EL1600 compressors - manifold - 5/8" tube
Part No. SN3711J, For all EL1300/EL1600 compressors - manifold - 1/2" NPTF

MANIFOLD KITS — INTAKE

Part No. SN3711AD, For all EL1300/EL1600 compressors - 3/4" hose, 2.75" mounting centres
Part No. SN3711AA, For all EL1300/EL1600 compressors - 1/2" pipe, 2.75" mounting centres
Part No. SN3711AC, For all EL1300/EL1600 compressors - 3/4" pipe, 2.75" mounting centres

Air Dryers

PURE AIR PLUS™

The more moisture and contaminants you're able to keep out of your truck's air brake system, the longer your brakes will last. That's why the Pure Air Plus™ Air Dryer from Midland is the best air dryer for you. Its unique design removes more moisture and contaminants than any other desiccant dryer on the market today. This unit is compact in size and lightweight for small mounting areas. Also offers one of the easiest and fastest on-vehicle serving systems on the market today.

Part No. DA34100, 12 volt Midland Pure Air Plus™ Air Dryer
Part No. DA34110, 24 volt Midland Pure Air Plus™ Air Dryer

Part No. DQ6020, Major repair kit -- includes purge, Turbo Saver™ and one-way check valve assemblies
Part No. DQ6032, Coalescing filter kit
Part No. DQ6026, Desiccant kit -- includes desiccant cartridge and coalescing filter
Part No. DQ6011, 12 volt heater kit
Part No. DQ6012, 24 volt heater kit

Specifications:
Length: 14.92 inches
Maximum Width: 9.13 inches
Weight: 18.2 lbs.
Heater: 65 watt thermostatic
Drying Method: Coalescence Desiccant
Burst Rating: 500 psi
Capacity: 24 SCFM
Inlet/Outlet Ports: 1/2" NPT
Governor Port: 1/8" NPT
Exhaust Port: 3/4" hose

AEROFINER AIR DRYER KITS

Part No. RN969, Desiccant recharge kit for Aerofiner II dryer
Part No. RN970, Purge valve kit for Aerofiner II dryer

RN969

RN970

"PURE AIR™" TRIPLE ACTION AIR DRYER

•First... it's an aftercooler, for more efficient heat dissipation.
•Second... it's a coalescer, for more effective contaminant removal.
•Third... it's a desiccant bed drying unit, for more effective moisture removal.

Part No. KN33000, Midland Pure Air Dryer c/w 12 volt heater
Part No. KN33010, Midland Pure Air Dryer c/w 24 volt heater
Part No. RN60, Minor repair kit - contains o-rings and desiccant
Part No. RN60A, Major repair kit - contains o-rings, desiccant and spitter valve parts
Part No. RN60D, 12 volt lower cover assembly
Part No. RN60E, 24 volt lower cover assembly
Part No. RN60F, Purge valve kit - contains new purge assembly, o-rings and exhaust tube
Part No. RN60G, Outlet check valve kit - contains valve disc, spring and o-rings
Part No. RN60N, 12 volt heater kit

KN33000 - Specifications.
Length - 18.25 in.
Max. Width - 7.49 in.
Weight - 23 lbs.
Relief Valve - 150 psi
Heater - 60 watt thermostatic
Max. Operating Pressure - 250 psi
Burst Rating - 500 psi
Capacity - 24 cfm
Inlet Port - 1/2" NPT
Outlet Port - 1/2" NPT
Governor Port - 1/8" NPT
Purge Port - 1" hose
Drying Method - Convection, Coalescence, Desiccant

Haldex

Desiccant Air Dryers

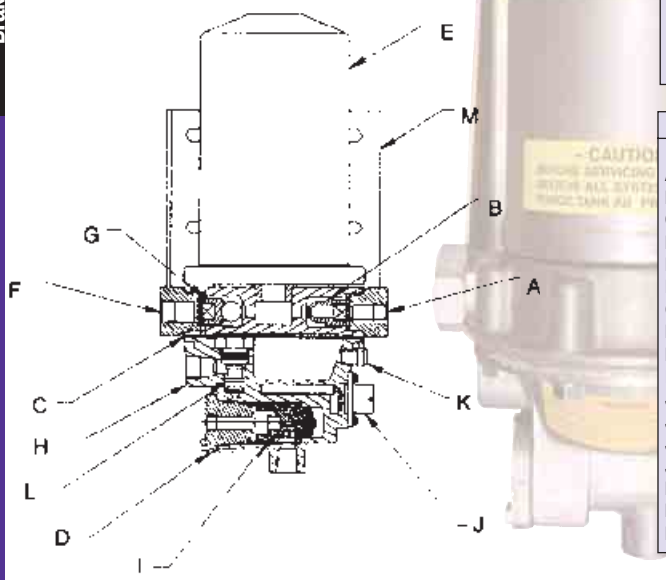
This desiccant series of air dryers, Turbo-2000 and Turbo-3000 are models designed to mount vertically between the air compressor and the air system's supply reservoirs. The desiccant air dryer receives hot compressed air that it cools, dries, and filters before delivery to the supply reservoirs.
The Turbo-2000 incorporates four pounds of desiccant and a separate purge tank (460 cu. in.) that is isolated from the vehicle air system. The purge tank stores clean, dry air for regeneration of the desiccant bed. Unit is constructed with a unique spin-off cartridge.
The Turbo-3000 has a specific amount of regeneration air stored within the desiccant canister eliminating the need for an isolated purge tank. This unit also is constructed with spin-off cartridge.

Turbo-2000 Desiccant Air Dryer

Part No. 620500, Turbo-2000 desiccant air dryer/tank, 12 volt, E-type*
Part No. 620504, Turbo-2000 desiccant air dryer/tank, 24 volt, E-type*

Part No. 221, Purge tank for use with above desiccant air dryers

*Holset SS E-type or QE Compressor compatible



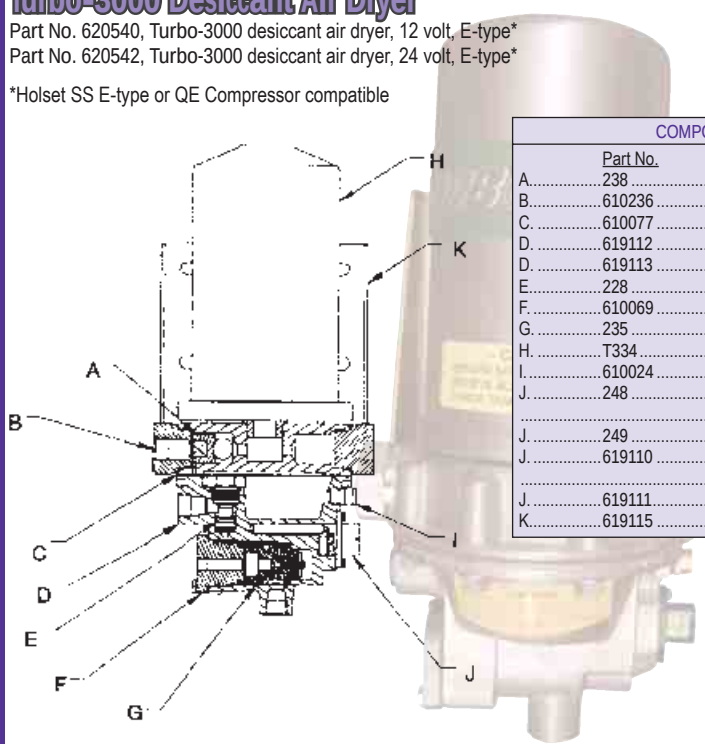
DIMENSIONS/SPECIFICATIONS	
Air Dryer Unit	Purge Tank
Length....16¼"	Length....12"
Width....8½"	Diameter....7¼"
Weight....16½ lbs.	Weight....14 lbs.
Capacity....30 CFM†	Volume....460 cu. in.
Heater....75 watt sealed	
Drying Bed....4 lbs. desiccant	
Mounting....Vertical	
Inlet/Out....1/2" NPT	
Regeneration Port....3/8" NPT	
Governor....1/4" NPT	
Turbo Valve Kit....Internal	
†Actual output. Boosted compressor intake increases output.	

COMPONENT IDENTIFICATION		
	Part No.	
A.	610237	Regeneration Valve Nut
B.	223	Regeneration Valve Kit
C.	610077	Body Gasket
D.	610069	Seal Retainer
E.	T224	Desiccant Cartridge
F.	610236	Check Valve Nut
G.	238	Check Valve Kit
H.	619112	Bottom Cap Assembly, 12 volt, E-type
H.	619113	Bottom Cap Assembly, 24 volt, E-type
I.	235	Purge Valve Kit
J.	248	Heater Kit Early Model (Plastic Cover) 12 volt
J.	249	Heater Kit Early Model (Plastic Cover) 24 volt
J.	619110	Heater Kit Late Model (Metri-Pak), 75 watt, 12 volt
J.	619111	Heater Kit Late Model (Metri-Pak), 75 watt, 24 volt
K.	610024	Safety Valve 175 psi
L.	228	Turbo Valve
M.	619115	Mounting Bracket

Turbo-3000 Desiccant Air Dryer

Part No. 620540, Turbo-3000 desiccant air dryer, 12 volt, E-type*
Part No. 620542, Turbo-3000 desiccant air dryer, 24 volt, E-type*

*Holset SS E-type or QE Compressor compatible

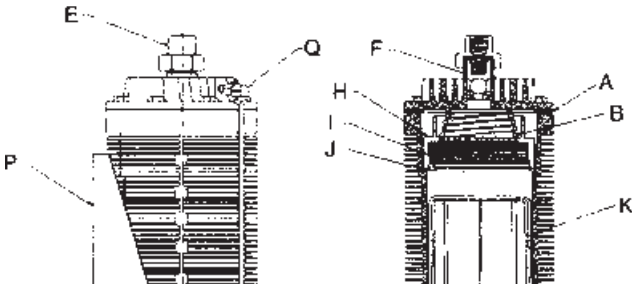


COMPONENT IDENTIFICATION		
	Part No.	
A.	238	Check Valve Kit
B.	610236	Check Valve Nut
C.	610077	Body Gaskets
D.	619112	Bottom Cap Assembly, 12 volt
D.	619113	Bottom Cap Assembly, 24 volt
E.	228	TurboValve Kit
F.	610069	Seal Retainer
G.	235	Purge Valve Kit
H.	T334	Desiccant Cartridge Kit
I.	610024	Safety Valve (175 psi)
J.	248	Heater Kit Early Models (orange and blue wires), 12 volt
J.	249	Same as #248, except 24 volt
J.	619110	Heater Kit Late Models (black wires), 12 volt, 75 watt
J.	619111	Same as #619110, except 24 volt
K.	619115	Mounting Bracket

DIMENSIONS/ SPECIFICATIONS
Air Dryer Unit
Length....16-1/4"
Width....8-1/2"
Weight....16 lbs.
Capacity....15 CFM†
Heater....75 watt sealed
Drying Bed....2 lbs. desiccant
Mounting....Vertical
Inlet/Out....1/2" NPT
Regeneration Port....3/8" NPT
Governor....1/4" NPT
Turbo Valve Kit....Internal
Purge Source....Internal
†*Actual output. Boosted compressor intake increases output.*

SKF/CR BRAKEMASTER®
Turbo AC Aftercooler Components

COMPONENT IDENTIFICATION		
	Part No.	
A.	610077	Body Gaskets
B.	610271	Large Spring
D.	610069	Seal Retainer
E.	610029	Top Cap Nut
F.	238	Check Valve Kit
H.	240	Filter Replacement
I.	239	Filter Service Kit
J.	610076	Packing Ring Gasket
K.	261	Deflector Kit
L.	619112	Bottom Cap, 12 volt
L.	619113	Bottom Cap, 24 volt
M.	610024	Safety Valve (175 psi)
N.	235	Purge Valve
O.	246	Heater Kit Vertical (pre 19), 12 volt
O.	247	Heater Kit Vertical (pre 19), 24 volt
O.	248	Heater Kit Early Models Horizontal (orange and blue wires), 12 volt
O.	249	Heater Kit Early Models Horizontal (orange and blue wires), 24 volt
O.	619110	Heater Kit Late Models (black wires), 12 volt
O.	619111	Heater Kit Late Models (black wires), 24 volt
P.	619115	Bracket Assembly (late models)



Replacement parts only for Model 62 Aftercooler.

GDX
Air Dryer Cartridges

BENDIX AD2 DRYER CARTRIDGE
Part No. AD2-X

BENDIX AD4 DRYER CARTRIDGE
Part No. AD4-X

BENDIX AD9 DRYER CARTRIDGE
Part No. AD9-X

BENDIX AD-IP DRYER CARTRIDGE
Part No. AD-IP-X

BENDIX AD-SP MERITOR/ WABCO DRYER CARTRIDGE
Part No. AD-SP

AD-4 COMPLETE AIR DRYER
Part No. FB065041X.

AD-9 COMPLETE AIR DRYER
Part No. FB109685X.

AD-IP COMPLETE AIR DRYER
Part No. FB109477X.

"Like-Nu" Remanufactured Air Dryers & Cartridges

BENDIX AD-9 AIR DRYER, DESICCANT TYPE
Part No. 109685X, 12 volt.
Part No. 109569K, Purge valve and heater/thermostat kit, 12 volt.
Part No. 109686X, Purge valve and heater/thermostat kit, 12 volt.
Part No. 109578K, 12 volt heater and thermostat repair kit.
Part No. 109579K, 24 volt heater and thermostat repair kit.
Part No. 107798K, Purge valve maintenance kit.
Part No. 107800K, Check valve kit.
Part No. 109869K, Wire harness and connector.

BENDIX AD9 DESICCANT CARTRIDGE
Part No. 107794X.

BENDIX AD-9 DRYER END COVER ASSEMBLY
Part No. 65231X, 12 volt.

BENDIX AD-4 AIR DRYER, DESICCANT TYPE
Part No. 65041X, 12 volt.
Part No. 102657K, Heater repair kit.
Part No. 103879K, Seal kit/check valve repair kit.
Part No. 103818K, Purge valve kit.
Part No. 103980K, End cover kit.

BENDIX AD4 DRYER CARTRIDGE
Part No. 104358X.

BENDIX AD-4 DRYER END COVER ASSEMBLY
Part No. 65044X, 12 volt.

BENDIX AD-2 AIR DRYER, DESICCANT TYPE
Part No. 286936X, 24 volt.
Part No. 102657K, Heater repair kit.
Part No. 287298K, Check valve repair kit.
Part No. 287053K, Purge valve repair kit.

BENDIX AD2 DRYER CARTRIDGE
Part No. 101900X.

BENDIX AD2 DRYER END COVER ASSEMBLY
Part No. 286875X, 12 volt.
Part No. 286876X, 24 volt.

BENDIX AD-IP DRYER CARTRIDGE
Part No. 65624K.

BENDIX AD-SP DRYER CARTRIDGE
Part No. 109994K.

Haldex

Air Tanks

All Midland air tanks conform to SAE J10B specifications. They are designed to allow service coverage for most original equipment reservoirs and special field applications.

PART NO.	CAPACITY CU. INCHES	LENGTH	DIAMETER	BOLT CENTRES
19810	1425	29-5/8"	8"	32"
19820	2865	24-1/2"	12"	29-1/2"
19840	1490	22-1/2"	9-1/2"	27-1/2"

Ports: Side - 3/4" NPTF; bottom - 1/4" NPTF; ends - 3/8" NPTF.

Drain Valves

Part No. 12110, Manual petcock drain valve - 1/4" male NPT
Part No. 12105, Automatic closing drain valve - 1/4 NPT c/w 5 ft. cable
Part No. KN24000, Automatic moisture ejector - 3/8 NPT c/w 5 ft. cable
Part No. KN24001, Automatic moisture ejector - heated - 3/8 NPT c/w 5 ft. cable. Requires 12V power for heater.
Part No. FS-5173, Drain valve. FLS/2217

12110

12105

KN24000 standard
KN24001 heated

FS-5173

Relief Valves

Part No. KN31200, 1/4" NPT male thread. Open at 150 psi; flush mount to prevent damage. Brass construction.
Part No. KN31250, 3/8" NPT male thread. Open at 150 psi; flush mount to prevent damage. Brass construction.
Part No. KN31526, 1/2" NPT female thread. Open at 250 psi. Made of brass and stainless steel. For Pure Air Plus air dryer.

Alcohol Injectors

This alcohol evaporator is an automatic vapourizing device for keeping air lines and air reservoirs free of ice. It may be used with any make of air compressor. The evaporator is connected into the compressor discharge line between the compressor and the air reservoir. The warmed compressed air stream is pumped by the compressor through a venturi shaped passage in the evaporator. A small passage ahead of and angled to the venturi admits air to the liquid alcohol below and also introduces the resulting alcohol vapour into the air stream. Capacity 40 oz.

TRUCKS & TRACTORS
Part No. A72420, Alcohol injector
Part No. A39219, Maintenance repair kit for A72420
Part No. A75962, Replacement safety valve for A72420

TRAILERS
Part No. KN29020, Trailer direct mount alcohol injector

MIDLAND
Dash Control Valves

FLIPPER STYLE

Part No. KN20001, Panel mount - flipper style valve. Made of durable EGP. An on-off, non-automatic two position valve where all ports are 1/8" NPT. Mounting holes 1.50" centres #10-24 thread. Available face plates sold below.

AVAILABLE FACE PLATES FOR KN20001

Part No. N14515F, Reads "Tractor Trailer Protection - Normal - Emergency - Not For Parking"
Part No. K145157, Reads "On-Off"
Part No. K145158, Reads "Dry Road - Slippery Road"
Part No. K1451511, Reads "Cab Controlled - Unlock - Lock - Fifth Whe - Holland"

DOUBLE FLIPPER STYLE

Part No. KN20080, 3 position - neutral centre - manual release both sides.
Part No. KN20090, 3 position - neutral centre - automatic release 1 side, manual release 1 side.
Part No. KN20110, 2 position - manual release both sides.

•2 supply ports - 1/4" NPTF
•2 delivery ports - 1/8" NPTF
•Panel mount, directional air control valve •May be used for control of push-pull air cylinders or other air operated devices •All units supplied with handle

PUSH-PULL STYLE

Part No. KN20010, Valve c/w knob - 0 psi pop pressure.
Part No. KN20020, Valve only, no knob - internal knob thread. 25/40 psi pop pressure.

•Panel or bulkhead mount •Requires 3/4" hole in dashboard
•1/8" NPTF supply port •1/4" NPTF delivery and exhaust port

PUSH-PULL STYLE

Part No. A83580, Bulkhead mount fits 5/8" dashboard hole. Made of aluminum bar stock, all ports 1/4" NPTF. Complete with knob an face plate. Optional faceplates and replacement knob shown belov

FACE PLATES & KNOB FOR A83580

Part No. N14515BN, Face plate reads "Push to Release Brakes - Pull Normal Operation"
Part No. N14515BR, Face plate reads "Pintle Hook - Push to Release"
Part No. A25079, Replacement knob

PUSH-PULL STYLE

Part No. KN20061, Panel mount deadman type dash valve. For use on construction equipment. Made of EGP. All ports 1/8" NPTF, c/w face plate, knob, and mounting screws. See chart below for additional face plates and knobs.

Part No. KN20031, Panel mount dash valve. No knob or face plate. Made of EGP, all ports 1/4" NPTF. Pop pressure 25-35 psi. See chart below for additional face plates and knobs.

FACE PLATES AND KNOBS FOR KN20031, KN20061, KN20010, & KN20020

Part No. N14514, Knob for KN20031, KN20010, & KN20020
Part No. A25079, Replacement knob for KN20061 valve
Part No. K145151, Face plate reads "Push to Supply Trailer Air - Pull for Emergency - Not for Parking"
Part No. K1451517, Face plate reads "Push to Release and Pull to Set Brakes"
Part No. N14515AB, Face plate reads "Push for Emergency Release of Spring Brakes"
Part No. K1451510, Face plate reads "Push to Drive - Pull to Apply - Emergency and Parking Brake"

KN20061

KN20031

PUSH-PULL STYLE

Part No. KN20021, Push-pull valve c/w knob - pop pressure 35 psi. Controls parking/emergency brakes.
Part No. KN20035, Push-pull valve c/w knob - pop pressure 17½ psi. Controls tractor only parking.
Part No. KN20025, Push-pull valve c/w knob - pop pressure 35/25 psi

REPLACEMENT KNOBS FOR KN20020, KN20021, KN20035, & KN20025

Part No. KN20900, RED pin type reads "Pull to exhaust - trailer air supply - not for parking - push to supply"
Part No. KN20901, YELLOW pin type reads "Pull to apply - parking brake - push to release"
Part No. KN20902, BLUE pin type reads "Pull to apply - tractor parking - push to release"
Part No. KN20903, YELLOW pin type reads "Pull to apply - system park - push to release"
Part No.12509, YELLOW 1/4-28 thread reads "Pull to apply - parking brake - push to release"
Part No. 12510, RED 1/4-28 thread reads "Pull to apply - trailer emergency - not for parking - push to release"
Part No.12501, RED 1/4-20 thread reads "Pull to apply - trailer emergency - not for parking - push to release"
Part No.12503, YELLOW 1/4-20 thread reads "Pull to apply - parking brake - push to release"

KN20021

KN20035

KN20025

•Bulkhead mount •Requires 7/8" dashboard hole •Made of durable EGP •All ports 1/8" NPTF •Pin type knob mounting

MANIFOLD DASH VALVE

Part No. KN20615, One piece body construction made of durable EGP. Smaller size valve offers more room behind dash. Direct replacement for Bendix MV2 or MV3 valves. All ports - 1/4" NPTF. Comes complete with knobs. Controls parking/emergency brakes and trailer air supply.

Brake Valves

HAND OPERATED

Part No. KN20541, In-column mount hand operated brake valve. Made of durable EGP. Handle applies 70° maximum travel. All ports 1/4" NPTF. Handle and knob not supplied with valve.
Part No. KN20543, Replacement handle.

TRAILER BRAKE CONTROLS

Part No. KN20561, Trailer brake control. Holding style - c/w handle and brackets.
Part No. KN20562, Trailer brake control. Self return style - c/w handle and brackets.

•External steering column mount •Handle applies 70° maximum travel •Chrome handle
•All ports 1/4" NPTF

KN20541

KN20561/ KN20562

FOOT OPERATED

Part No. KN22100, Single circuit foot operated brake valve provides smooth and consistent pedal feel over competitive application valves. Used primarily with pre CMVSS 121 vehicles. Supply ports - 1/2" NPTF and 1/4" NPTF. Deliver ports - 1/2" NPTF. Valve only — no pedal.

Part No. KN22150, Dual circuit foot operated brake valve provides smooth and consistent pedal feel over competitive application valves. Meets CMVSS 121 requirements. Popular changeover model requires minimal modifications. All ports - 3/8" NPTF.

Part No. SN4017A, Pedal kit for above two models.

KN22100

KN22150

Relay Valves

2 PORT RELAY VALVE - COMPACT SIZE

Just 3½" x 3½" x 3⅝" tall. A fast, low cracking pressure straight relay for tractor-trailer-truck applications. Two mounting holes, .34 diameter x 1.50" centres. Cover may be rotated without affecting warranty or performance. All ports 3/8" NPTF.
Part No. KN28500.

2 PORT RELAY VALVE - LOW DIFFERENTIAL, HIGH CAPACITY

4 psi cracking pressure. Meets or exceeds CMVSS 121 timing requirements. Two mounting holes, .40 diameter x 2.50" centres. Cover may be rotated without affecting warranty or performance. Control port - 1/4" NPTF. Supply and delivery ports - 1/2" NPTF.
Part No. KN28140.

2 PORT RELAY VALVE - MULTI-PURPOSE, LOW DIFFERENTIAL, HIGH CAPACITY STRAIGHT RELAY.

4 psi cracking pressure. Meets or exceeds CMVSS 121 timing requirements. Two mounting holes, .34 diameter x 1.50" centres. Cover may be rotated without affecting warranty or performance. Control port - 3/8" NPTF; supply port - 1/2" NPTF; delivery ports - 1/2" NPTF.
Part No. KN28061.

4 DELIVERY PORTS FACING DOWN - LOW DIFFERENTIAL, HIGH CAPACITY.

4 psi cracking pressure. Meets or exceeds CMVSS 121 requirements. Cover may be rotated without affecting warranty or performance.

Control port - 1/4" NPTF; Supply port - 3/4" NPTF; Delivery ports - 1/2" NPTF.
Part No. A86477.

Auxiliary supply port may be used for air suspensions or other accessories requiring reservoir air. Control port - 1/4" NPTF; Supply port - 3/4" NPTF. Delivery ports - 3/8" NPTF;
Part No. A103600.

4 PORT EMERGENCY RELAY

Four delivery ports facing down. Suitable for pre 121 trailers, dollies, or exempt trailers. 4 psi cracking pressure. Service port - 1/4" NPTF; emergency port - 1/4" NPTF; reservoir port - 3/4" NPTF; delivery ports - 1/4" NPTF.
Part No. KN30300.

FULL FUNCTION VALVES

•Fully complies with CMVSS 121 trailer regulations, for spring brake control and other requirements.
Single valve for tandem axle:
-one or two reservoir systems -protects supply line to 70 psi
-no dragging spring brakes with 70 psi or higher in supply line
-3 second spring brake apply -service brake functions
Suitable for easy retrofit of multi-valve systems.
Part No. KN28600, c/w 3/4" NPT steel nipple for reservoir
Part No. KN28601, c/w 1/2" NPT steel nipple for reservoir

4 PORT MULTI-FUNCTION VALVE

All in one compact valve assembly contains pressure protection, check valves, spring brake control, relay, and anti-compounding. Interchangeable with competitive units. Meets all CMVSS 121 trailer requirements for spring brake control and other regulations. Emergency port - 3/8" NPTF; service port - 3/8" NPTF; reservoir ports - 1/2" and 3/8" NPTF; delivery ports - 3/8" NPTF.
Part No. KN26020.

Haldex

QUICK RELEASE VALVES

Used wherever a quick release function is required in the air brake system. Made of durable EGP - corrosion and weather resistant. Utilizes an oil resistant diaphragm for longer life. Aids in meeting CMVSS 121 timing requirements. 1.5" mounting centres.

PART NO.	INLET PORT	DELIVERY PORT	DIFFERENTIAL PSI
KN32003	1/2	3/8	3
KN32005	3/8	3/8	0
KN32011	1/2	3/8	0
KN32050	1/2	3/8	6
KN32060	3/8	3/8	6

Contains quick release valve with built-in two way check valve — used in spring brake circuits to prevent compounding. Replaces two valves with one. Oil resistant diaphragms and disk. 1.5" mounting centres, all ports 1/4" NPTF.
Part No. KN32040.

AIR LINE CHECK VALVES — ONE-WAY CHECK VALVES

Used wherever pressures must be isolated and not allowed to feed back. Can be used on truck, trailer, and tractor applications. A popular use is to protect dry tanks from wet tank failures per CMVSS 121.
Part No. KN23080, 1/4 NPT port size, female-female thread
Part No. KN23010, 3/8 NPT port size, male-female thread
Part No. KN23000, 1/2 NPT port size, male-female thread
Part No. KN23040, 3/4 NPT port size, male-female thread

AIR LINE CHECK VALVES — TWO-WAY CHECK VALVES

Not position sensitive, may be mounted in any position. Can be used in place of ball or shuttle types. Improves FMVSS-121 systems. Used when two inputs must become one output.
Part No. KN25060, 3/8 NPT port size.

AIR LINE CHECK VALVES — TWO-WAY CHECK VALVES - SHUTTLE TYPE

High capacity, for use when two inlets must become one outlet. Functions best when mounted horizontally. Interchangeable with most competitive models.

PART NO.	INLET PORT SIZE	OUTLET PORT SIZE
KN25120	1/4 NPT	1/4 NPT
KN25110	3/8 NPT	3/8 NPT
KN25061	3/8 NPT	3/8 NPT
KN25100	1/2 NPT; 3/8 NPT	3/8 NPT

KN25110

KN25100

KN25120

PROTECTION VALVES — PRESSURE PROTECTION VALVE

Non-adjustable. Used to protect the air brake system from accessory failure. All ports 1/4" NPTF.

PART NO.	OPERATING PSI OPEN	CLOSED
KN31000	65	45
KN31010	95	75

Pressure protection with one-way check valve. Ideal for use in protecting the air brake system from accessory failures. Also used with non-charging emergency relay valves. 75 psi opening pressure.
Part No. KN31171.

ISOLATION VALVE

The Midland Isolation Valve saves fuel and horsepower. Engines that have air dryers and turbocharged compressors allow engine boost pressure to be vented to the atmosphere when the air compressor is in the unloaded mode. Under normal conditions, this will cause boost pressure loss which in turn causes loss of engine horsepower. Under heavy load conditions when you need the power most, is when the greatest boost pressure and horsepower loss will occur. The Midland Isolation Valve will help remedy this problem.
Part No. KN23500.

SOLENOID AIR VALVE

Most commonly known as an axle valve or three-way ball check valve (normally closed) and is activated by a 12V coil. Used to operate the shift mechanism of a two-speed axle. 2 ports, both are ¼" FNPT.
Part No. KN68230.

GOVERNOR

1/8" NPTF ports and .336 diameter mounting holes. Direct compressor or remote mounting. The piston type governor operates in conjunction with the compressor unloading mechanism. The governor automatically controls the air pressure in the supply system between the desired predetermined maximum and minimum pressure.
Part No. KN18530.

TRACTOR PROTECTION VALVES - NON-AUTOMATIC

2-line non-automatic tractor protection valve. Must be used with pressure sensing dash control valve. Quick release feature eliminates the need for extra valve. Will not allow trailer brake compounding. Directly replaces competitive valves. Tractor service port - 3/8" NPTF; tractor emergency port - 1/4" NPTF; trailer service port - 1/2" NPTF; trailer emergency port - 1/2" NPTF.
Part No. KN34060.

TRACTOR PROTECTION VALVES - AUTOMATIC

Two and three line automatic tractor protection with quick release. Can replace two valves on some competitive systems. Minimize in-cab noise by exhausting trailer lines outside the cab (on model with Snorkel).
Part No. KN34030, 2 line system type tractor protection valve
Part No. KN34050, 3 line system type tractor protection valve c/w exhaust Snorkel
Part No. KN34070, 3 line system type tractor protection valve c/w 1/8" stoplight switch port

Tractor control port - 3/8" NPTF; trailer service port - 1/2" NPTF; trailer emergency port - 1/2" NPTF; reservoir port - 3/8" NPTF; dash valve port - 1/4" NPTF.

INVERSION VALVE

Used with spring brake equipped trucks or tractors. Allows modulated control of spring brake in case of primary system air failure. Interchangeable with competitive models (with hose line relocation). 4.65" mounting centres. All ports - 1/4" NPTF.
Part No. KN28030.

AIR LINE FILTER

Part No. 11480, Two 1/4" NPTF ports. Removable and replaceable filter element. Can be used in both emergency and service lines.
Part No. N12971B, Replacement filter for 11480.

Haldex

Brake Valves

E-3 BRAKE VALVE
Part No. 277863.

E-6 DUAL BRAKE VALVE
Part No. 286171.

E-7 DUAL BRAKE VALVE
Part No. 284760, No thread.
Part No. 288383, 1/2" port.

Pressure Protection Valves

PR-4 PRESSURE PROTECTION VALVE
Part No. 286500, 85 psi nominal closing pressure.

Quick Release Valves

QR-1 QUICK RELEASE VALVE

PART NO.	A	B
229813	1/4"	3/8"
229859	3/8"	3/8"
229860	3/8"	1/2"

Relay/Safety Valves

RE-6 RELAY EMERGENCY VALVE
Part No. 281865.

Control Valves

PP-1 CONTROL VALVE
Part No. 276566, 20 psi automatic release pressure.
Part No. 276567, 40 psi, 1/8" P.T. delivery
Part No. 281587, 40 psi automatic release pressure; remote controlled.

PP-3 CONTROL VALVE
Part No. 288746.
Part No. 279787, Remote controlled.

PP-7 TRAILER SUPPLY VALVE
Part No. 288239.
Part No. 288242, Remote controlled.

TW-1 CONTROL VALVE
1/8" P.T. (2) delivery, 1/8" P.T. supply.
Part No. 229635.

MV-2 CONTROL MODULE
1/4" unthreaded mounting hole.
Part No. 101437.

MV-3 CONTROL MODULE
Part No. 800516.

Quick Release Valves

QR-1C QUICK RELEASE VALVE
1/4" P.T. (2) delivery.
Part No. 289714.

Relay Valves

R-6 RELAY VALVE
Part No. 279180.

R-8 RELAY VALVE
Part No. 286370.

RG-2 RELAY VALVE
Part No. 28500.

R-12 RELAY VALVES
Includes installation instructions and universal mounting bracket.
Vertical:

PART NO.	CRACK PRESS. P.S.I.	PORT
65104	4	3/8"
102626	4	1/2"

Horizontal:

103009	4	3/4"

Vertical

Horizontal

R-14 RELAY VALVES
Includes installation instructions and universal mounting bracket.
Vertical:

PART NO.	CRACK PRESS. P.S.I.
103028	4

Horizontal:

103010	4

Tractor Protection Valves

TP-3 TRACTOR PROTECTION VALVE
Part No. 279000.

TP-5 TRACTOR PROTECTION VALVE
Part No. 288605.

Spring Brake Valves

SR-1 SPRING BRAKE VALVE
Part No. 286364. Reservoir trip pressure - 55 psi.

SR-2 TRAILER SPRING BRAKE VALVES
Part No. 287376, 3/4" port
Part No. 102761, 3/4" port
Part No. 103061, 1/2" port

SR-4 TRAILER SPRING BRAKE VALVE
Part No. 101112, 3/4" port

SR-5 TRAILER SPRING BRAKE VALVE
Part No. 65437, 3/4" male P.T.; with anti-compounding.

R-7 MODULATING VALVE
Part No. 103081, Spring brake release pressure - 95 psi.

Stop Light Switches

SL-4 STOP LIGHT SWITCH
Part No. 228600, 1/4" pipe thread.

TECTRAN
Relay Valves

Fast relay valve for tractor-trailer truck application. Compact size, valve has integral mounting bracket. Supplied with port alignment. Crack pressure 5.6 ± 1 psi.

PART NO.	SUPPLY PORTS	DELIVERY PORTS	CONTROL PORT
10-28500	(2) 3/8 NPT	(2) 3/8 NPT	1/4 NPT
10-28510	(1) 1/2 NPT &	(2) 3/8 NPT (1) 3/8 NPT	1/4 NPT
10-28520	(2) 1/2 NPT	(2) 1/2 NPT	1/4 NPT

WILLIAMS
CONTROL & RELAY VALVES

WM-147F

WM-318A

Part No. WM-147F, Relay valve. The control pressure required to close this normally open valve is 30 - 50 psi. Equipped with breather.

Part No. WM-318A, 3-way, compensating, pilot pressure-operated relay valve. Delivers an output pressure that is proportional to the amount of control pressure applied. Normally closed. Adjustment range — 1.3:1 to .80:1.

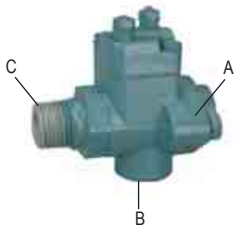
MIDLAND
"Like-Nu" Remanufactured Valves

Double Check Valves

BENDIX DS1 DOUBLE CHECK VALVE

With stoplight switch. 8/32 terminal thread.

PART NO.	A	B	C
228165X	3/8	1/4	1/4
228520X	1/2	3/8	1/4



Automatic Drain Valves

MIDLAND-HALDEX AUTOMATIC DRAIN VALVE

Part No. KN24000X, without heater.
Part No. KN24001X, with heater.

BENDIX DV2 AUTOMATIC DRAIN VALVE

Part No. 281923X, without heater.
Part No. 284795X, with heater.

Foot Valves - Single Circuit

BENDIX E2/E3 FOOT VALVE

Part No. 229501X, No auxiliary ports.
Part No. 277863X, No auxiliary ports.
Part No. , 2¼ auxiliary ports.

BENDIX E5 SUSPENDED FOOT VALVE

Single circuit.
Part No. 279950X.

MIDLAND FOOT VALVE

Part No. KN22100X.
Port size: Delivery 3/8-18.

All Like-Nu Remanufactured Valves & Compressors carry the same warranty as new product.

Foot Valves - Dual Circuit

BENDIX E6 FOOT VALVE

Dual circuit. All ports 3/8" NPT.
Part No. 286171X.

BENDIX E7 SUSPENDED FOOT VALVE

Part No. 284760X, O-ring sealed flange ports.
Part No. 286774X, 1/2 NPT flange ports. 1/4 ser./del./ports.
Part No. 286775X, 3/8-16 x 3/4 mounting studs.
Part No. 288383X, 1/2 NPT flange ports. 1/4 NPT ser./del./ports.

MIDLAND FOOT VALVE

Part No. KN22150X.

Haldex

Governors

BENDIX D-2

Part No. 275491X.

MIDLAND

Part No. KN18530X.

Dash Control Valves

BENDIX PP1 DASH CONTROL VALVE

Automatic pressure release. Supplied without knob or mounting hardware.

PART NO.	P.S.I.	DEL.
276566X	20	1/8
276567X	40	1/8
281587X*	40	1/8
287417X	30	1/4

*(for remote mount)

BENDIX PP2 DASH CONTROL VALVE

PART NO.	P.S.I.
276462X	40
276538X	40

"Like-Nu" Remanufactured Valves

Dash Control Valves

BENDIX PP3 DASH CONTROL VALVE

Supplied without knob or mounting hardware.

PART NO.	SUPPLY
288746X	None
289477X	1/8
289512X*	1/8

*for remote mount.

BENDIX PP7 DASH CONTROL VALVE

Supplied without knob or mounting hardware. Port size: Delivery - 1/4; Control - 1/8; Supply - 1/8
Part No. 288239X, 3/8 stem dia.
Part No. 288241X, 5/16 stem dia.
1/4-18 threaded exhaust port.
Part No. 288242X, 1/2 stem dia.
For remote mount.

BENDIX PP8 DASH CONTROL VALVE

PART NO.	DEL.	SUP.
287238X	1/8-27	1/8

BENDIX TW1 CONTROL VALVE FLIPPER

Part No. 229635X.

BENDIX TW3 CONTROL VALVE FLIPPER

Part No. 283935X.

BENDIX TC2 HAND CONTROL VALVE

Part No. 276270X, long, shown.
Part No. 276272X, short.
Port size: Delivery 1/4; Exhaust 1/4; Supply 1/4

Multi-Function Relays

WAGNER/MIDLAND RT4 MULTI-FUNCTION RELAY VALVE

Part No. KN26000X.

SEALCO MULTI-FUNCTION RATIO RELAY VALVE

PART NO.	RES.
110170X	3/4
110171X	1/2

Relay Valves — 2 Port

WAGNER/MIDLAND MINI RELAY VALVE RG2 - 2 PORT

PART NO.	DEL.	RES.
KN28500X	3/8	3/8
KN28520X	1/2	1/2

MIDLAND MULTI-PURPOSE RELAY - 2 PORT

Crack Pressure 4.0

PART NO.	A	B
KN28060X**	1/2	3/8
KN28061X**	1/2	1/2
KN28071X*	1/2	1/2
KN28140X**	1/2	1/2
KN28131X**†	1/2	1/2

*With Anti-Comp **Without Anti-Comp
†Cover may be rotated

BENDIX R8P RELAY VALVE - 2 PORT

Pressure equalizing. 0 crack pressure.
Part No. 287114X.
Port size:
Delivery (2) 1/2
Delivery (1) 1/4
Supply 3/4

Relay Valves — 2 Port

BENDIX R-14H RELAY VALVE - 2 PORT

PART NO.	DEL. NPT	RES. NPT	CRACK PRESS.
103010X	1/2	3/4	4
103028X	1/2	3/4	4

With Anti-Comp. Mounting bracket not included.

BENDIX R8 RELAY VALVE - 2 PORT

Part No. 286370X, 90°.

Relay Valves — 4 Port

SEALCO RELAY VALVE WITH RATIO

PART NO. 110139X
Port size:
Delivery 3/8
Control 3/8
Supply 3/8
Tank 3/4
Crack press. 4.5

BENDIX R-12 4 PORT RELAY VALVE

PART NO.	DEL. NPT	RES. NPT	CRACK PRESS.
102626X	1/2	1/2	4
103009X	1/2	3/4	4
65303X	3/8	1/2	4

BENDIX R6 RELAY VALVE - 4 PORT

PART NO.	A	B
279180X	-	3/8
279952X	3/4	3/8
283940X*	3/8	3/8

*Wide mounting flange. Service port rotated 90° from picture. 2.0 crack pressure.

Relay Valves — 4 Port

BENDIX R-12P PILOT RELAY VALVE - 4 PORT

PART NO.	SUPPLY	DEL.
109264X	2-1/2"	4-3/8"

BENDIX BP-R1 BOBTAIL BRAKE PROPORTIONING RELAY VALVE

PART NO.	SUP.	DEL.	CRACK PRESS.
65145X	1/2"	2-3/8" 2-1/2"	4
65146X	1/2"	2-3/8" 2-1/2"	5.5

WAGNER 4 PORT RF RELAY VALVE

Part No. A103600X, (A) 3/8, 4.5 crack pressure.

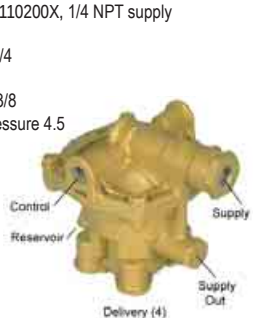
Haldex

All Like-Nu Remanufactured Valves & Compressors carry the same warranty as new product.

Relay Emergency Valves

SEALCO CARTRIDGE
Part No. 10005AX.

SEALCO RELAY EMERGENCY VALVE
Part No. 110200X, 1/4 NPT supply
Port size:
Service 1/4
Tank 3/4
Delivery 3/8
Crack pressure 4.5



BENDIX RE6 RELAY EMERGENCY VALVE
Part No. 281865X.
Port size:
Supply 3/4
Delivery (2) 3/8 - (2) 1/4
Service 1/4
Emergency 1/4
Crack pressure 2.5

WAGNER/MIDLAND EE RELAY EMERGENCY VALVE
Part No. KN30100X, 1/4 supply, with bleed down.
Part No. KN30300X, 1/4 supply.

Ratio Relay Valve

SEALCO RELAY VALVE WITH RATIO
Part No. 110147X.
Port size:
Delivery 3/8
Supply 3/8

Full Function Valves

MIDLAND FF2 - FULL FUNCTION VALVE

PART NO.	RES. PORT	CRACK PRESS.
KN28600X	3/4	3
KN28601X	1/2	3

Quick Release Valves

BENDIX QR1 QUICK RELEASE VALVE

PART NO.	A	B
229813X	1/4	3/8
229859X	3/8	3/8
229860X	3/8	1/2

BENDIX QUICK RELEASE WITH DOUBLE CHECK
Part No. 289714X.

BENDIX LQ2 LIMITING & QUICK RELEASE VALVE

PART NO.	A	B
229505X	3/8	3/8
229507X	1/2	1/4

Quick Release Valves

BENDIX LQ4 FRONT AXLE RATIO VALVE

PART NO.	NOM. HOLD-OFF PRESS.	NOM. EQUAL. PRESS.
289144X	4 psi	60 psi

Delivery 3/8
Supply 3/8

BENDIX LQ5 BOBTAIL RATIO VALVE
•1/8" control
Part No. 65154X, 3/8" Supply, 3/8" DEL.

Spring Brake Valves

BENDIX R7 MODULATING RELAY VALVE
Part No. 283932X.
Release pressure: 85 psi.
Port size:
Delivery 3/8
Supply 3/8
Balance 1/4

BENDIX SR1 SPRING BRAKE VALVE
Part No. 286364X
Port size:
Delivery 1/4
Supply 1/4
Control 1/4
Reservoir 1/4

BENDIX SR2 TRAILER SPRING BRAKE VALVE
Part No. 287376X, Reservoir Port 3/4.

All Like-Nu Remanufactured Valves & Compressors carry the same warranty as new product.

Spring Brake Valves

BENDIX SR4 TRAILER SPRING BRAKE VALVE
Part No. 101112X, Reservoir Port 3/4.

BENDIX SR5 TRAILER SPRING BRAKE VALVE
Part No. 65437X, Reservoir Port 3/4.

MIDLAND SPRING BRAKE CONTROL INVERSION VALVE
Part No. KN28030X.
Port size:
Delivery 1/4-18
Supply 1/4-18
Control 1/4-18

Tractor Protection Valves

BENDIX TP2 TRACTOR PROTECTION VALVE, 3 LINE AUTOMATIC

PART NO.	TRLR. EMER. PORT	TRLR. SERV. PORT
227672X	1/2	1/2
283090X*	1/2	1/2

*1/8" stoplight switch port

Haldex

MIDLAND

"Like-Nu" Remanufactured Valves

Tractor Protection Valves

BENDIX TP3 TRACTOR PROTECTION VALVE, 2 LINE NON-AUTOMATIC

PART NO.	TRLR. EMER. PORT	TRLR. SERV. PORT
279000X	1/2	1/2

BENDIX TP4 TRACTOR PROTECTION VALVE

PART NO.	TRLR. EMER. PORT	TRLR. SERV. PORT
288301X	3/8	1/4

All Like-Nu Remanufactured Valves & Compressors carry the same warranty as new product.

MIDLAND TRACTOR PROTECTION VALVE, 2 LINE NON-AUTOMATIC

Built-in quick release.

PART NO.	TRLR. EMER. PORT	TRLR. SERV. PORT
KN34060X	1/2	1/2
KN34090X	1/2	1/2

MIDLAND TRACTOR PROTECTION VALVE, 3 LINE AUTOMATIC

Built-in quick release.

PART NO.	TRLR. EMER. PORT	TRLR. SERV. PORT	
KN34050X	1/2	1/2	with Snorkel
KN34070X*	1/2	1/2	without Snorkel

*1/8" stoplight switch port.

Haldex

FLEETSPEC

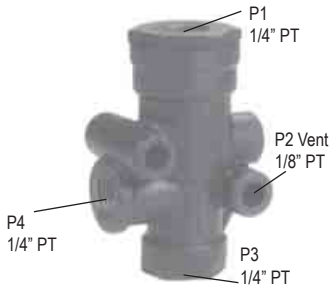
New & Remanufactured Valves

NEW PR-3 PRESSURE PROTECTION VALVE

This valve is used with #BW101112X and BW101622X. Normal closing pressure is 60 psi.
Part No. FS286460N.

NEW SV-1 SYNCHRONIZING VALVE

With common control and supply pressure, inlet opens at 42 psi and the exhaust opens at 28 psi.
Part No. FS278825N.



REMANUFACTURED HI-FLOW RELAY VALVE

Replaces B12345X.
Part No. B12343X.
(1) 3/8" PT Svc.
(4) 3/8" PT Del.
(1) 3/4" PT Sup.

REMANUFACTURED TASK VALVE

Controls spring brakes on single or dual axle trailers. With Anti-Compound. *With port and nut.
Part No. B12360X.

REMANUFACTURED RELAY VALVE

For trailers without spring brakes. 4 delivery ports.
Part No. B12350X.
(1) 3/4" PT Sup.
(1) 1/4" PT Svc.
(1) 1/4" PT Emer.
(4) 3/8" PT Del.

REMANUFACTURED Serv Valve

Service Emergency Relay Valve. 2 delivery ports.
Part No. B12352X.
(1) 1/4" PT Svc.
(1) 3/4" PT Sup.
(1) 1/4" PT Emer.
(2) 3/8" PT Del.
(1) 3/8" PT Spring brake

REMANUFACTURED FULL FUNCTION TRAILER VALVE

Crack at 3 psi.
Part No. FKN28600X.

Reservoir - 3/4" PT
Control - 1/4" PT
Supply - 3/8" PT
Spring Brake (2) - 3/8" PT
Service Brake (4) - 3/8" PT

FleetSpec

Fleetspec

BUYERS PRODUCTS

Air Valves

4-WAY 2-POSITION P.T.O. AIR VALVE
•Panel mount valve is ideal for operating double acting cylinders •Easily mounts in dashboards or consoles •Includes tailgate control faceplate
Part No. BAV010.

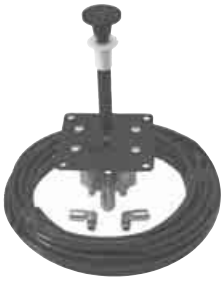
5 PORT 4-WAY 2-POSITION SOLENOID AIR VALVE
•Large 1/4" NPT ports assure adequate air flow •Rugged 12 VDC coil comes complete with 2' leads •Can be easily converted to 3 way operation by installing 2 pipe plugs
Part No. BAV050SA.

HEAVY DUTY 4-WAY 3-POSITION P.T.O. AIR VALVE
•3 position detented spool allows for adjusting linkage without shutting off air pressure •Center position blocks air at valve while opening both cylinder ports to atmosphere •Large 1/4" NPT ports allow maximum air flow
Part No. BAV020.

TOGGLE STYLE AIR VALVE KIT
•Spring return brass air feathering toggle valve •Brass push in fittings •25' x ¼" dia. nylon DOT approved tubing •Console adapter plate •Stainless steel finger guard
Part No. K1010TAS.

3-WAY 2-POSITION MANUAL AIR VALVE
•8" console •3 way 2 position detented •Manual air valve used for engaging PTO's
Part No. BAV030.

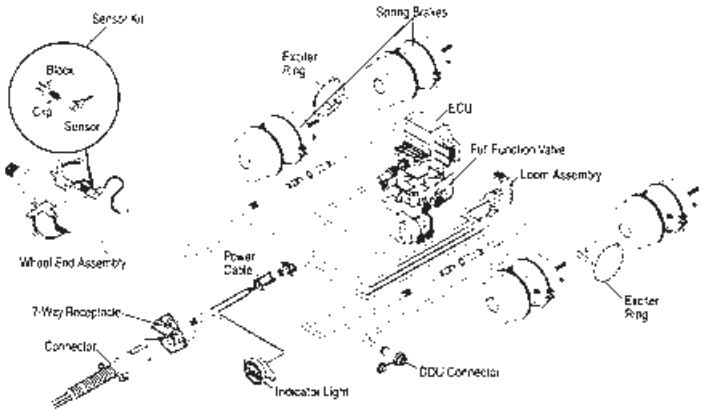
NEUTRAL LOCKOUT AIR VALVE KIT
•Spring return neutral lockout air valve •Brass compression fittings •25' x ¼" dia. tubing
Part No. K1010AS.
Part No. BAV040, Valve only.



NEUTRAL LOCKOUT/ FEATHERING AIR VALVE KIT
•Spring return neutral lockout air valve •Brass compression fittings •25' x ¼" dia. tubing
Part No. K1010FAS.

MIDLAND

Heavy Duty Truck & Trailer ABS Parts



ABS parts and accessories for heavy duty trucks and trailers are available at Gregg's.

Please ask for further information.

Electro-Pneumatic Switches

LOW AIR SWITCH
1/8" NPT male thread. Actuates at 66 psi. 2 terminal design.
Part No. BE13241.

SERVICE CIRCUIT STOPLIGHT SWITCH
1/4" NPT male thread. Actuates at 3-5 psi. 2 terminal design.
Part No. BE13250.

TRAILER EMERGENCY STOPLIGHT SWITCH
1/8" NPT male thread. Actuates at 55 psi. 3 terminal design.
Part No. BE13255.

TRACTOR SPRING BRAKE CIRCUIT LIGHT SWITCH
1/8" NPT male thread. Actuates at 55 psi. 2 terminal design.
Part No. BE13240.

AIR BRAKE HOSE

Part No. 1280, 3/8" I.D. 2-ply Type A arctic rubber air brake hose
Part No. 1270, 3/8" I.D. 2-ply Type B rubber air brake hose
Part No. 2570-8, 1/2" I.D. Type B rubber air brake hose

MIDLAND

Reusable Air Brake Hose Fittings

For 3/8" I.D. Hose

3/8" I.D.

NPT FITTING C/W SPRING GUARD
Part No. 11900, 1/4" NPT.
Part No. 11901, 3/8" NPT.
Part No. 11902, 1/2" NPT.

NPT FITTING
Part No. 11903, 1/4" NPT
Part No. 11904, 3/8" NPT
Part No. 11905, 1/2" NPT

NPT FITTING - BODY ONLY
Part No. 11907, 1/4" NPT
Part No. 11908, 3/8" NPT
Part No. 11909, 1/2" NPT

BODY ONLY FOR UNION SPLICER FITTING
Part No. 11914.

UNION SPLICER FITTING
Part No. 11913.

REPLACEMENT NUT ONLY
Part No. 11906, Not threaded for spring
Part No. 11910, Threaded for spring

REPLACEMENT SPRING GUARD
Part No. 11911.

REPLACEMENT FITTING NUT ONLY - C/W SPRING GUARD
Part No. 1494-6.

REPLACEMENT FERRULE
Part No. 11912.

For 1/2" I.D. Hose

1/2" I.D.

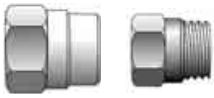
NPT FITTING C/W SPRING GUARD
Part No. 1493-8C, 3/8" NPT.
Part No. 1493-8D, 1/2" NPT.

NPT FITTING
Part No. 1492-8C, 3/8" NPT
Part No. 1492-8D, 1/2" NPT

NPT FITTING - BODY ONLY
Part No. B1492-8C, 3/8" NPT
Part No. B1492-8D, 1/2" NPT

UNION SPLICER FITTING
Part No. 1492-8S.

REPLACEMENT NUT ONLY
Part No. 1491-8, Not threaded for spring
Part No. 1494-8N, Threaded for spring



REPLACEMENT SPRING GUARD
Part No. 1494-8S.

REPLACEMENT FITTING NUT ONLY - C/W SPRING GUARD
Part No. 1494-8.

REPLACEMENT FERRULE
Part No. 1490-8.

Haldex

AEROQUIP

Reusable Air Brake Hose Fittings – For 3/8" I.D. Hose

2 PIECE REUSABLE BRAKE HOSE FITTING
Part No. 479301-4-6, 1/4" NPT
Part No. 479301-6-6, 3/8" NPT
Part No. 479301-8-6, 1/2" NPT

FEMALE SWIVEL 2 PIECE REUSABLE BRAKE HOSE FITTING
Part No. 479501-8-6, 3/4" USF

45° SWIVEL 2 PIECE REUSABLE BRAKE HOSE FITTING
Part No. 479601-6, 5/8-18 SAE

AIR BRAKE FITTING ADAPTER
Part No. 2038-4-8, 1/4" NPT to 3/4" USF
Part No. 2038-6-8, 3/8" NPT to 3/4" USF

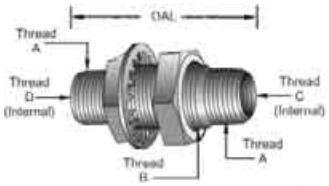
– For 1/2" I.D. Hose

FEMALE SWIVEL 2 PIECE REUSABLE BRAKE HOSE FITTING
Part No. 479501-8-8, 1/2" USF

AIR BRAKE FITTING ADAPTER
Part No. 2038-6-8, 3/8" NPT to 3/4" USF

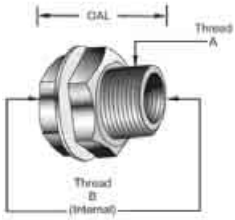
EATON | Aeroquip

MIDLAND
Frame Nipples



Style 1

Style 2



Style 3

PART NO.	A	B	C	O.A.L.	STYLE NO.
11300	1/2-14 NPTF	1-14 UNS	1/4-18 NPTF	2.88"	1
11315	1/2-14 NPTF	1-14 UNS	1/4-18 NPTF	2.13"	2
11304	1/2-14 NPTF	1-14 UNS	3/8-18 NPTF	1.63"	2
11306	3/4-16 UNF	1/4-18 NPT	-	1.38"	3
11307	1-14 UNF	3/8-18 NPTF	-	1.38"	3

Haldex

GDX
Airline/Air Brake Repair Kit

61 PC. AIRLINE/AIRBRAKE REPAIR KIT

Includes an assortment of common fittings for airline repair on both nylon synflex tubing and 3/8" rubber airline. Includes compression unions and connectors, precision grip tube fittings, union splicer fittings and replacement ferrules. Also contains both red and blue polyurethane gladhand seals.
Part No. KIT9.

MIDLAND
Ready Made Air Brake Hose Assemblies

Haldex

All air brake hose assemblies are made from Type B air brake hose with permanently attached couplings. Hoses meet SAE J1402 and DOT 106 specifications. All air brake hoses come with one swivel end and one fixed end. 3/8" hoses have 1/4" NPT ends — 1/2" hoses have 3/8" NPT ends.

3/8" I.D. BRAKE HOSES

PART NO.	DESCRIPTION
16014	14" assembly
16018	18" assembly
16020	20" assembly
16024	24" assembly
16028	28" assembly
16032	32" assembly
16036	36" assembly
16040	40" assembly
16044	44" assembly
16048	48" assembly
16060	60" assembly
16072	72" assembly

1/2" I.D. BRAKE HOSES

PART NO.	DESCRIPTION
16314	14" assembly
16318	18" assembly
16324	24" assembly
16330	30" assembly
16336	36" assembly
16342	42" assembly
16348	48" assembly
16360	60" assembly
16372	72" assembly

EUCLID
Ready-Made Air Brake Hose Assemblies

EUCLID
an ArvinMeritor brand

3/8" I.D. BRAKE HOSES

•3/8" I.D. hose with 3/8" NPT ends; 1 swivel and 1 fixed

PART NO.	DESCRIPTION
E-8580-14BK	14" assembly
E-8580-16BK	16" assembly
E-8580-18BK	18" assembly
E-8580-20BK	20" assembly
E-8580-22BK	22" assembly
E-8580-24BK	24" assembly
E-8580-26BK	26" assembly
E-8580-28BK	28" assembly
E-8580-30BK	30" assembly
E-8580-32BK	32" assembly

PART NO.	DESCRIPTION
E-8580-34BK	34" assembly
E-8580-36BK	36" assembly
E-8580-38BK	38" assembly
E-8580-40BK	40" assembly
E-8580-42BK	42" assembly
E-8580-44BK	44" assembly
E-8580-46BK	46" assembly
E-8580-50BK	50" assembly
E-8580-60BK	60" assembly
E-8580-72BK	72" assembly

COILAIR

Coiled Air Hose Assemblies

All thermoplastic construction fights off oil, grease, gasoline, diesel fuel, road salts, and chemicals. Highly resistant to cuts and abrasion. Coilair lines stay taut throughout all truck manoeuvres. If tension relaxes after long service it may be fully restored by pulling one end of the line back through the coil.
Coilair is an engineered set of retractable lines for the safe convenient connection of air lines between tractors and trailers. Permanently tensioned, they stretch up to 12 times their closed length to eliminate unsightly and hazardous draped lines, pogo sticks, springs, and hangers.

PART NO.	DESCRIPTION
COILAIR-15SET	15 ft. set Coilair - one red and one blue hose c/w 1/2" male pipe fittings
COILAIR-20SET	20 ft. set Coilair - one red and one blue hose c/w 1/2" male pipe fittings
COILAIR-15BLUE	15 ft. Coilair hose - blue c/w 1/2" male pipe fittings
COILAIR-15RED	15 ft. Coilair hose - red c/w 1/2" male pipe fittings
COILAIR-20BLUE	20 ft. Coilair hose - blue c/w 1/2" male pipe fittings
COILAIR-20RED	20 ft. Coilair hose - red c/w 1/2" male pipe fittings
COILAIR-SLEEVE	1/2" Coilair compression sleeve

PHILATRON

Coiled Air Hose Assemblies

Stallion-Flex II™ Coiled Air Hoses — 600 Series

•Lead length: 2 @ 10" •Nominal O.D.: .620" •Nominal I.D.: .375" •Nominal wall thickness: .123" •Fittings: 1/2" x 1/2"

Application: Trucks that require brake air lines from the tractor to the trailer.
Features: Temperature rated at -70°F to +220°F. Resistant to oil, chemicals, ozone, weather, and sunlight. Hose flexibility permits a shorter working length of brake lines, thereby increasing braking efficiency. Coil memory will not kink or sag, and the hose will not crack in sub-zero temperatures. TWO YEAR WARRANTY against cracking, kinking, excessive sagging or other significant physical damage resulting from temperature extremes, exposure to oils and chemicals, or flexing fatigue. DOT certified.

PART NO.	DESCRIPTION
S3-600-12CBR	Set, 1 red and 1 blue coiled air hose, 12 ft. working length
S3-600-12CB	1 blue coiled air hose, 12 ft. working length
S3-600-12CR	1 red coiled air hose, 12 ft. working length
S3-600-15CBR	Set, 1 red and 1 blue coiled air hose, 15 ft. working length
S3-600-15CB	1 blue coiled air hose, 15 ft. working length
S3-600-15CR	1 red coiled air hose, 15 ft. working length
S3-600-20CBR	Set, 1 red and 1 blue coiled air hose, 20 ft. working length
S3-600-20CB	1 blue coiled air hose, 20 ft. working length
S3-600-20CR	1 red coiled air hose, 20 ft. working length

MIDLAND

Hytron Air Brake Tubing

Hytron Tubing meets DOT and SAE specifications for air brake system use. It is not intended for compressor discharge lines, frame to axle applications, or for tractor to trailer intervehicular connections. Hytron Air Brake Tubing uses standard DOT approved compression fittings with inserts listed unless using fittings with built in inserts.

Haldex

DESCRIPTION	COLOUR	PER FOOT PART NO.	50 FT. ROLL PART NO.	500 FT. ROLL PART NO.	INSERT PART NO.
1/8" O.D. Hytron tubing	black	C-62-BK	-	-	-
5/32" O.D. Hytron tubing	black	C-63-BK	C-63-BK-50	-	F-63
1/4" O.D. Hytron tubing	black	C-64-BK	-	C-64-BK-500	F-64
1/4" O.D. Hytron tubing	blue	C-64-BL	-	C-64-BL-500	F-64
1/4" O.D. Hytron tubing	orange	C-64-OR	-	C-64-OR-500	F-64
1/4" O.D. Hytron tubing	green	C-64-GR	-	C-64-GR-500	F-64
1/4" O.D. Hytron tubing	yellow	C-64-YE	-	C-64-YE-500	F-64
1/4" O.D. Hytron tubing	red	C-64-RE	-	C-64-RE-500	F-64
5/16" O.D. Hytron tubing	black	C-65-BK	-	-	F-65
3/8" O.D. Hytron tubing	black	C-66-BK	-	C-66-BK-500	F-66
3/8" O.D. Hytron tubing	blue	C-66-BL	-	C-66-BL-500	F-66
3/8" O.D. Hytron tubing	orange	C-66-OR	-	C-66-OR-500	F-66
3/8" O.D. Hytron tubing	green	C-66-GR	-	C-66-GR-500	F-66
3/8" O.D. Hytron tubing	red	C-66-RE	-	C-66-RE-500	F-66
1/2" O.D. Hytron tubing	black	C-68-BK	-	C-68-BK-500	F-68
1/2" O.D. Hytron tubing	blue	C-68-BL	-	C-68-BL-500	F-68
1/2" O.D. Hytron tubing	orange	C-68-OR	-	C-68-OR-500	F-68
1/2" O.D. Hytron tubing	green	C-68-GR	-	C-68-GR-500	F-68
1/2" O.D. Hytron tubing	red	C-68-RE	-	C-68-RE-500	F-68
5/8" O.D. Hytron tubing	black	C-70-BK	-	-	F-70
3/4" O.D. Hytron tubing	black	C-72-BK	-	-	F-72

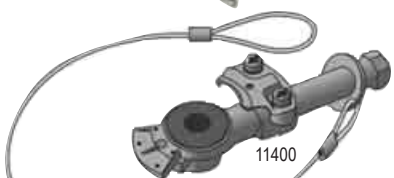
MIDLAND
Gladhands & Accessories

11483

aluminum gladhands

Part No. A86300, Universal cast gladhand
Part No. 11450, Universal aluminum gladhand
Part No. 11451, Aluminum “red” emergency gladhand
Part No. 11452, Aluminum “blue” service gladhand
Part No. 11460, Universal aluminum gladhand c/w filter
Part No. 11463, Universal aluminum gladhand c/w filter and Protect-O seal
Part No. 11483, Quick release gladhand, nipple mount
Part No. 10024, Replacement Protect-O gladhand seal
Part No. 10028, Replacement full face gladhand seal
Part No. 10029, Replacement comp ression gladhand seal
Part No. 10035, Replacement filter for gladhands
Part No. 11420, Red “emergency” air line tag
Part No. 11421, Blue “service” air line tag
Part No. 11400, Universal gladhand with cable
Part No. 11401, Coupler and chain with air vent
Part No. 11402, Coupler and chain without air vent
Part No. 11403, Gladhand dummy coupler with mounting brackets
Part No. 11514, “Cable Caddie” - holds gladhands and electrical plug
Part No. D381200, Cab mount single hose support bracket

10024 10028 10029 10035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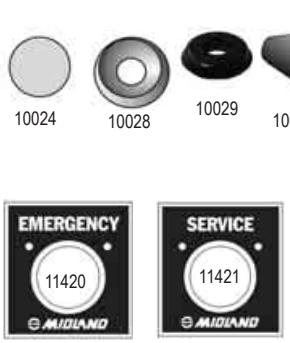

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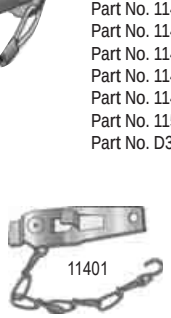
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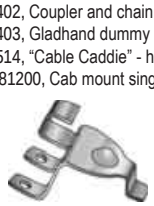
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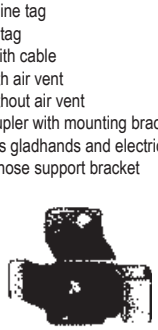

D381200

EUCLID
Polyurethane Gladhand Seals

GLADHAND SEAL SET. CONTAINS 2 RED (EMERGENCY) AND 2 BLUE (SERVICE) GLADHAND SEALS IN A POLY BAG

•UV, Petroleum, Acid, Ozone, Salt, and Abrasion Resistant •Independent laboratory tested to operate in extreme cold climate conditions to -37°C. Test results prove that polyurethane gladhand seals withstand the rugged conditions of on-highway roads much longer than traditional rubber gladhand seals. Minimize downtime with Euclid Polyurethane Gladhand Seals.
Part No. E-8658.

FLEETSPEC
Polyurethane Gladhand Seals

Polyurethane.
Part No. FS-312B, Blue.
Part No. FS-312R, Red.

PHILLIPS
Gladhands

QWIK-E® Gladhands Feature:
•Quick release valve and gladhand combined
•Anodized housing for corrosion protection
•For use with ABS and non-ABS brake system
•Trailer brakes are released up to 50% faster than conventional methods
•Eliminates in-city stop and go trailer tire bounce
•Standard equipment on most OEM trailers

QWIK-E® STRAIGHT MOUNT GLADHAND
•For use on trailers only •1/2” female pipe thread without filter screen
Part No. 12-206.

QWIK-E® ANGLE MOUNT GLADHAND
•For use on trailers only •3/8” female pipe thread bottom port
Part No. 12-236.

QWIK-E® SERVICE KIT
•Kit includes breather valve, polyurethane seal, snap ring and gasket
Part No. 12-226.

STANDARD Gladhands Feature:
•Wrap around connector plate provides additional strength
•Powder-coated connector plate for corrosion resistance
•Zinc-coated detent plates
•Keyed for positive connection
•E-coated screws for corrosion protection

STRAIGHT MOUNT GLADHAND
•For use on aircoil, tractor & trailer •1/2” pipe port
Part No. 12-006, Service, blue.
Part No. 12-008, Emergency, red.
Part No. 12-010, Universal.

ANGLE MOUNT (38°) GLADHAND
•For use on trailer •3/8” pipe port
Part No. 12-136, Service, blue, bottom port.
Part No. 12-138, Emergency, red, bottom port.

Gladhands

SWINGER - 3/8" PIPE PORT
•Designed for intermodel and piggy-back trailers where straight or angled gladhands are exposed to damage •Inner seal prevents dirt and insects from entering the air brake system •Stainless steel return spring for long life •Compression fitting
Part No. 12-5506-38, 55° w / standard service gladhand.
Part No. 12-5508-38, 55° w/ standard emergency gladhand.

COMPOSITE SHUT-OFF GLADHANDS
•Designed for double trailers •Composite material for increased protections against magnesium chloride, road salts and chemicals •Integrated shut-off arm to seal air system •Molded in-colour for easy identification •Standard with polyseal
Part No. 12-316, Service, 3/8" female pipe thread.
Part No. 12-318, Emergency, 3/8" female pipe thread.

SHUT-OFF GLADHANDS
•Designed for double trailers •Integrated shut-off valve •Colour coded connector plate for easy identification •Includes bulk head fitting •Standard with rubber seal
Part No. 12-306, Service, blue, 1/2" air tube.
Part No. 12-310, Emergency, red, 1/2" air tube.

GLADHAND FILTER SCREENS
Part No. 12-038, Fits gladhand #'s 12-006, 12-008, 12-010, 12-136, 12-138.
Part No. 12-039, Fits QWIK-E® gladhand #'s 12-206, 12-236.

12-038

12-039

GLADIATOR GRIP™
•Provides strong leverage for coupling/uncoupling gladhands •One piece body for easy installation •Durable and strong; made from solid T6 aircraft aluminum •Corrosion resistant anodized colour coating •Easy installation - installs between aircoil and gladhand
Part No. 12-600, Pair, red & blue.

Cable Support

STOW-A-WAY™ GLADHAND HOLDER
•STOW-A-WAY™ offers safe, easy storage for coiled electrical cable and air lines when not in use •Anti-corrosive, durable housing •Air & electrical can be coupled/uncoupled with both feet on the ground
Part No. 15-041, 1 Plug.
Part No. 15-042, 2 Plug.

MOUNTING KIT
•Securely mounts STOW-A-WAY™ to pogo sticks
Part No. 17-039.

POGO STICKS
•Designed for use with heavier ABS cables •Extra heavy duty internal spring •Accepts STOW-A-WAY™ (#15-041, 15-042), needs #17-039 mounting kit •Aircraft quality mounting bolt •Includes 3 hose holder •8" coated spring for corrosion resistance •Heavy duty 7/16" mounting bolt
Part No. 17-0400, 40" chrome.
Part No. 17-0401, 40" gold chromate.

TRACKER BARS
•Supports electrical and air assemblies •Stainless steel bar •Includes bar, snap-on clip, sleeve, 3 hose holder, 20" spring
Part No. 17-249, Kit with 36" bar.
Part No. 17-149, Kit with 43" bar.

SNAP-ON CLIP
•Offers easy replacement for spring kits •No need to unhook tracker bar •For use with #17-149 & 17-249.
Part No. 17-160.

TRACKER BAR REPLACEMENT PARTS KIT
•Replacement spring and hardware for tracker bars •Includes snap-on clip, sleeve, 3 hose holder and spring
Part No. 17-420, Kit with (2) 16" springs.
Part No. 17-148, Kit with 20" spring.

Air Assemblies

POWER GRIP™ COILED AIR ASSEMBLY
•Perfect for frequent coupling/uncoupling •Extra long brass handle adds cold weather coupling/uncoupling leverage •Extra long plated spring adds life to nylon tubing ends •Vertical at the tractor, angled at the trailer end prevents hose kinking •Includes thread seal for secure connection to gladhand and chassis •Single piece trailer side & three piece tractor side fittings
12' WORKING LENGTH
Part No. 11-3120, Set (red and blue).
Part No. 11-3100, Red (emergency) coil only.
Part No. 11-3110, Blue (service) coil only.

15' WORKING LENGTH
Part No. 11-3150, Set (red and blue).
Part No. 11-3170, Red (emergency) coil only.
Part No. 11-3180, Blue (service) coil only.

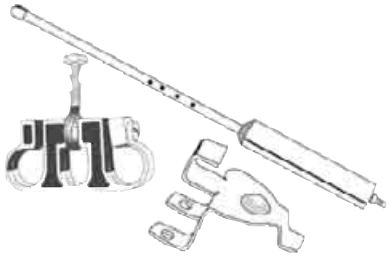
HEAVY DUTY COILED AIR ASSEMBLY
•Industry standard nylon tubing •Vertical at the tractor end, angled at the trailer end prevents nose kinking •Includes thread seal for secure connection to gladhand •Single piece trailer side & three piece tractor side fittings •Plated steel spring for cable support
12' WORKING LENGTH
Part No. 11-312, Set (red and blue).
Part No. 11-310, Red (emergency) coil only.
Part No. 11-311, Blue (service) coil only.

15' WORKING LENGTH
Part No. 11-315, Set (red and blue).
Part No. 11-317, Red (emergency) coil only.
Part No. 11-318, Blue (service) coil only.

SLIDING FIFTH WHEEL COILED AIR ASSEMBLY
•Brass ends for durability •Industry standard nylon tubing •Extra long spring for strain relief
Part No. 11-303, 36" extension w/ 1/4" male pipe thread.
Part No. 11-300, 54" extension w/ 1/4" male pipe thread.
Part No. 11-302, 60" extension w/ 1/4" quick connect swivel & coil protector.

MIDLAND
Flexastiks & Accessories

FLEXASTIK C/W 11546 CLAMP AND 11403 BRACKETS
Part No. 11501, 41".
Part No. 11505, 51".



HOSE SUPPORT BRACKET
Part No. 11403, mounts on new style Flexastiks.
Part No. 11404, mounts on old style Flexastiks.

HOSE SUPPORT RING ASSEMBLY
Part No. 11611, mounts on Flexastiks

PLASTIC SUPPORT CLAMP ASSEMBLY
Part No. 11546, 3 hole.

RUBBER SUPPORT CLAMP ASSEMBLY
Part No. 11541, 2 hole.
Part No. 11543, 3 hole with 2 eyelet mount.
Part No. 11544, 3 hole with U bolt mount.

HOSE SUPPORT SPRING
Part No. 11600, 25" 1⅛".
Part No. 11601, 12" x 3/4".
Part No. 11602, 12" x 1".
Part No. 11603, 15" x 1-1/16".

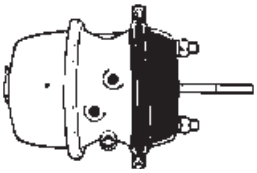
PLASTIC SUPPORT CLAMP HOSE SEPARATOR
Part No. 11548, 2 hole - 3/8" I.D. hose.
Part No. 11549, 2 hole - 1/2" I.D. hose.

FLEETSPEC
Hose Separators

Part No. FS-473, 3/8" hose separator.
Part No. FS-473A, 1/2" hose separator.

MIDLAND/HALDEX/ANCHORLOK
"Gold Seal" Spring Brakes

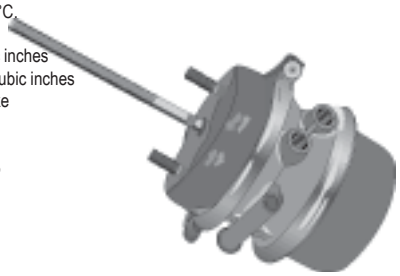
COMBINATION FEATURES:
•9½" fully threaded push rod
•Orange alert stroke indicator
•Piloting dust shield and diaphragm
•Epoxy powder coated spring and housing
•Zinc plated spring chamber - permanently attached for safety
•3 year unlimited mileage brake warranty



PIGGY-BACK FEATURES:
•Piloting diaphragm
•Epoxy powder coated spring and housing
•Zinc plated spring chamber - permanently attached for safety
•3 year unlimited mileage brake warranty

GC3030CS — DOUBLE DIAPHRAGM SPRING BRAKE
2.50" stroke. •Formed steel housings for both emergency and service chambers — protected by zinc and yellow dichromate or black epoxy coating. •Epoxy coated emergency spring to protect against rust and corrosion. •Centre body of diecast aluminum alloy. •Caging bolt in centre body holster for safe, secure storage. •Natural rubber blend diaphragm is standard.
•Cold temperature extremes to -40°C.
•Rated volume at 2.50" stroke:
Service Chamber Volume, 86 cubic inches
Emergency Chamber Volume, 88 cubic inches
1300 lb. Spring Force at 1.25" stroke

Push Rod Length: 7.95"
Stud Type: 5/8 x 11 UNC Grade 5
Clamp Band Orientation: 135°
Side Port Orientation: 90°



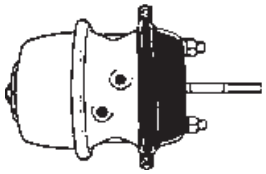
GP3030

PART NO.	TYPE	MODEL STYLE
GC2424	24/24	Gold Seal combination spring brake
GC2424L	24/24	Gold Seal combination spring brake — long stroke
GP2424	24/24	Gold Seal piggy-back half
GP2424L	24/24	Midland piggy-back half — long stroke
GC2430	24/30	Gold Seal piggy-back half
GC2430L	24/30	Gold Seal combination spring brake — long stroke
GP2430	24/30	Gold Seal piggy-back half
GP2430L	24/30	Gold Seal piggy-back half — long stroke
GC3030	30/30	Gold Seal combination spring brake
GC3030CS	30/30	Gold Seal double diaphragm spring brake; includes clevis kit
GP3030	30/30	Gold Seal piggy-back half
GC3036	30/36	Gold Seal combination spring brake
GC3636	36/36	Gold Seal combination spring brake

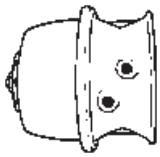
*Note: Clevis yoke and pins sold separately.

"Life Seal" Spring Brakes

COMBINATION FEATURES:
- 9½" fully threaded push rod
- Orange alert stroke indicator
- Piloting dust shield and diaphragm
- Epoxy powder coated spring and housing
- Gore-Tex® filter eliminates contamination
- Integral caging tool
- Guided pressure plate/compression spring design
- Zinc plated spring chamber - permanently attached for safety
- 6 year unlimited mileage brake warranty



PIGGY-BACK FEATURES:
- Gore-Tex® filter eliminates contamination
- Integral caging tool
- Guided pressure plate/compression spring design
- Zinc plated spring chamber - permanently attached for safety
- 6 year unlimited mileage brake warranty



PART NO.	TYPE	MODEL STYLE
LC3030	30/30	Life Seal combination spring brake
LC3030L	30/30	Life Seal combination spring brake — long stroke
LP3030	30/30	Life Seal piggy-back half

Haldex

ANCHORLOK.

Service Brake Chambers & Parts

REPLACEMENT PART	TYPE 9 5"	TYPE 12 5½"	TYPE 16 6"	TYPE 20 6½"	TYPE 24 7"	TYPE 30 8"	TYPE 36 9"
Chamber Assembly	SC09	SC12	SC16	SC20	SC24	SC30	SC36
Pressure Cap						3056001	
Housing Assembly						PH30	
Service Pushrod				PR20	PR24	PR30	PR36
Return Spring				RS6	RS6	RS6	RS7
Clamp Band Assembly	CB09	CB12	CB16	CB20	CB24	CB30	CB36S1

Pressure Cap

Housing

Return Spring

Push Rod

Clamp Band Assembly

Carriage Bolt and Nut

3/8" clamp band nut and bolt assembly: Part No. 9999143.

Clevis Kits

PART NO.	STYLE	LENGTH	SHAFT SIZE	PIN SIZE
19101	Formed	1-1/2"	5/8"	5/8"
CS2	Formed	2-1/4"	5/8"	1/2"
19099	Formed	1-1/2"	1/2"	1/2"
19103	Formed	1-1/2"	1/2"	5/8"
CF1	Forged	2-1/4"	1/2"	1/2"
CF2	Forged	2-1/2"	5/8"	1/2"
CF3	Forged	2-1/2"	5/8"	5/8"
CF4	Forged	3"	3/4"	1/2"
KN36470	Forged	1-7/8"	5/8"	1/2"

Clevis Pins

PART NO.	DESCRIPTION
CP1	1/2" clevis pin
CP2	5/8" clevis pin

Other Accessories

PART NO.	DESCRIPTION
RT1	Replacement caging bolt and nut
RTP1	Blue replacement rubber end cap for 3/4" hole
RTP2	Red replacement plastic end cap for 3/4" hole
RTP3	Orange replacement rubber end cap for 1-3/16" hole
9999028	Replacement vent hole plug
193003	Replacement bolt for clamp band assemblies

Diaphragms

PART NO.	DESCRIPTION
DP20	Diaphragm 6-1/2" diameter, type 20
DP24L	Diaphragm 7" diameter, type 24
DP30	Diaphragm 8" diameter, type 30
DP36	Diaphragm 9" diameter, type 36

Diaphragm

9999028

RTP1/RTP2/RTP3

RT1

Dust Boot

PART NO.	DESCRIPTION
19104	Dust boot assembly
DS1	Dust shield

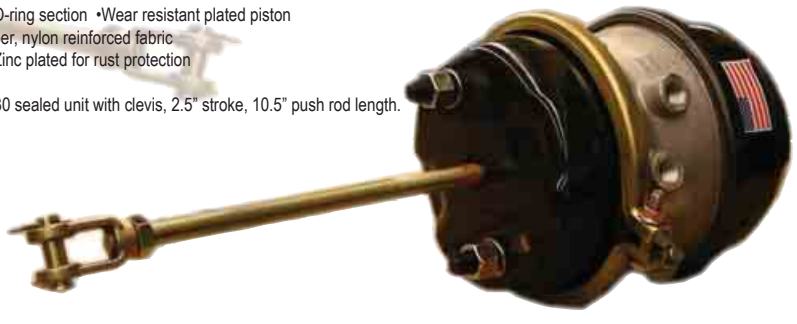
Dust Boot

GDX
30/30 Spring Brake Chamber With Clevis

FEATURES:

Power Spring: •Heat fused •Epoxy coating
Clamp Bands: •Matched stamping for maximum sealing •Alloy steel maintains consistent pressure •Zinc plated for rust protection
Non-Pressure Housing: •Welded stiffeners under mounting studs •Rust preventive coating
Return Spring: •Heavy steel plate meets OEM standards •Phosphate coating for rust protection
Push Rod: •Heavy steel plate meets OEM standards •Rolled edge has smooth working surface •Orange stroke alert indicator •Rust preventive coating
Aluminium Adapters: •Double O-ring section •Wear resistant plated piston
Diaphragms: •High quality rubber, nylon reinforced fabric
Fasteners: •Tensile strength •Zinc plated for rust protection

Part No. GD3030WC, Type 3030 sealed unit with clevis, 2.5" stroke, 10.5" push rod length.



HALDEX/MIDLAND
Slack Adjusters

Haldex

FRONT BRAKE SLACK ADJUSTERS

PART NO.	ARM LENGTH	PIN SIZE	SPLINE DIA.	NO. OF TEETH
KN52040	4.0-5.0"	.50	1.25	40
KN52050	5.5"	.50	1.50	48
KN52060	4.0-5.0"	.50	1.50	48

STRAIGHT ARM SLACK ADJUSTERS

PART NO.	ARM LENGTH	PIN SIZE	SPLINE DIA.	NO. OF TEETH	APPLICATION TYPE	RATING
KN47001	5-6-7"	.50	1.50	10	Standard	26,000 lbs.
KN47011	5.5-6.5"	.50	1.50	10	Standard	26,000 lbs.
KN44061	5.5-6.5"	.50	1.50	28	Rockwell	26,000 lbs.
CS44071	5-6-7"	.50	1.50	28	Rockwell	26,000 lbs.
KN44041	6.0"	.50	1.60	37	Propar	26,000 lbs.

KN47001

CURVED ARM SLACK ADJUSTERS

PART NO.	PIN SIZE	SPLINE DIA.	NO. OF TEETH	RATING
KN51000	.50	1.50	10	20,000 lbs.

STRAIGHT ARM OFFSET SLACK ADJUSTERS

PART NO.	ARM LENGTH	PIN SIZE	SPLINE DIA.	NO. OF TEETH	OFFSET DIRECTION	OFFSET (INCHES)	RATING
KN50000	4.5-5.5"	.50	1.50	10	RH	.62	20,000 lbs.
KN50010	4.5-5.5"	.50	1.50	10	LH	.62	20,000 lbs.
KN50060	4-5-6"	.50	1.50	10	RH	.62	20,000 lbs.
KN50070	4-5-6"	.50	1.50	10	LH	.62	20,000 lbs.

KN50000

CLEVIS KITS

*Clevis kits are individually boxed. Each box includes one clevis, two clevis pins and two cotter pins.

PART NO.	STYLE	SIZE
CQ36541	Straight	5/8-18
CQ36551	Straight	1/2-20
CQ36561	Offset	5/8-18
CQ36571	Offset	1/2-20
CQ36591	Extended	5/8-18

Service Kit

PART NO.	DESCRIPTION
CQ36592	Link boot and arm bushing kit

AUTOMATIC SLACK ADJUSTERS

PART NO.	ARM LENGTH	NO. OF TEETH	SPLINE DIA.
CS56035	5.0"	10	1.25
CS56031	5.0"	10	1.50
CS56032	5.5"	10	1.50
CS56033	6.0"	10	1.50
CS56034	6.5"	10	1.50
CS56037	5.0"	24	1.25
CS56039	5.0"	28	1.50
CS56040	5.5"	28	1.50
CS56041	6.0"	28	1.50
CS56042	6.5"	28	1.50
CS56043	5.5"	37	1.50
CS56044	6.0"	37	1.625
CS56045	6.5"	37	1.50

*Please see chart for clevis kits to fit automatic slack adjusters.

HALDEX/MIDLAND

Automatic Slack Adjusters

STEER AXLE ADJUSTERS

PART NO.	ARM LENGTH	NO. OF TEETH	SPLINE DIA.	ANCHOR BRACKET
400-10001	5.5"	10	1.25	clamp
400-10004	5.5"	24	1.25	clamp
400-10071	5.5"	10	1.50	strap
400-10008	5.5"	28	1.50	clamp

TRAILER AXLE ADJUSTERS

(For 12-1/4" Brake Assemblies)

PART NO.	ARM LENGTH	NO. OF TEETH	SPLINE DIA.	ANCHOR BRACKET
400-10305	6"	28	1.50	plate & stud
400-10306	6"	10	1.50	plate & stud

DRIVE AXLE ADJUSTERS

PART NO.	ARM LENGTH	NO. OF TEETH	SPLINE DIA.	ANCHOR BRACKET
400-10140	5", 6"	28	1.50	strap
400-10141	5.5"	28	1.50	strap
400-10142	5", 6"	10	1.50	strap
400-10143	5.5", 6.5"	10	1.50	strap

MACK TRUCK ADJUSTERS

PART NO.	ARM LENGTH	NO. OF TEETH	SPLINE DIA.	ANCHOR BRACKET
400-10144	6"	28	1.50	clamp
400-10145	6"	10	1.50	clamp
400-10146	5.5", 6.5"	28	1.50	clamp

TRAILER AXLE ADJUSTERS

(For 16-1/2" Brake Assemblies)

PART NO.	ARM LENGTH	NO. OF TEETH	SPLINE DIA.	ANCHOR BRACKET
400-10212	6"	28	1.50	plate & stud
400-10211	5.5"	28	1.50	plate & stud
400-10216	6"	10	1.50	plate & stud
400-10215	5.5"	10	1.50	plate & stud
400-10214	6"	37	1.62	plate & stud
400-10213	5.5"	37	1.62	plate & stud

ADJUSTER REPLACEMENT PARTS

Part No. 427-10558, Double Bend Flat Stud Kit, Trailers - Includes 4 each: plastic bushings, anchor stud, nut and installation instructions. To update from round pin to flat stud.
Part No. 427-10563, Double Bend Flat Stud Kit.
Part No. 452-10125, Plastic Bushings - Double bend control lever replacement bushing (black rectangular).

CREWSON INDUSTRIES

Automatic Slack Adjuster With Stroke Indicators

Brake Stroke Indicator is permanently mounted to the automatic slack adjuster, eliminating the need to crawl under vehicles to determine air chamber stroke. Auto-Check™ consists of a bright yellow pointer, and an indicator plate divided into four colours for easy use:

1. White Area: Correct home/set-up position
2. Green Area: Normal working stroke
3. Yellow Area: Brake stroke is near re-adjust limits
4. Red Area: Brake stroke is past re-adjust limit

All Crewson Industries Automatic Slack Adjusters are sold in a complete kit with Crewson Industries clevis, clevis pins, and template. Clevis Kits are also available.

PART NO.	CHAMBER SIZE	SPLINE SIZE	CLEVIS TYPE	ARM LENGTH
CI42100	30	1-1/2-28	5/8-18 STR	5.5
CI41100	30	1-1/2-10	5/8-18 STR	5.5
CI43100	30	1-5/8-37	5/8-18 STR	5.5
CI42106	30	1-1/2-28	5/8-18 STR	6.0
CI41106	30	1-1/2-10	5/8-18 STR	6.0
CI43106	30	1-5/8-37	5/8-18 STR	6.0

CLEVIS KITS

•Includes clevis and cotter pin

Part No. 8410KT, 1/2-20 straight clevis kit
Part No. 8420KT, 5/8-18 straight clevis kit
Part No. 8445KT, 5/8-18 ext. straight clevis kit
Part No. 8425KT, 5/8-18 offset clevis kit
Part No. 8415KT, 1/2-20 offset clevis kit

Gregg Distributors Ltd. carries the complete line of Crewson Industries products. Please ask for further information.

E-4904

E-2762

E-612

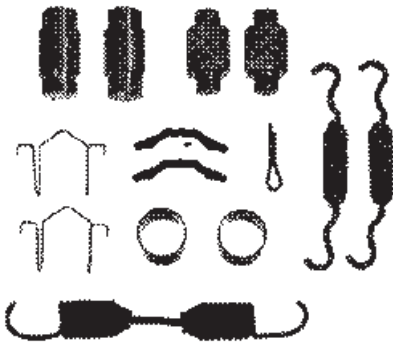
E-940

E-1115

E-2458

E-2459

E-1574


E-3710SHD-C

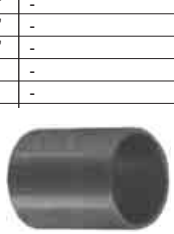
MANUAL SLACK ADJUSTERS

Listed by cam spline size.

PART NO.	FITS CAM SPLINE	ARM LENGTH	APPLICATION & GENERAL INFORMATION
E-4904	1¼"-10	4½" - 5½"	For all 1¼"-10 spline camshafts
E-2762	1¼"-10	4½" - 5½"	5/8" offset arm for Wagner brakes. 1/2" clevis hole. Right hand.
E-2763	1¼"-10	4½" - 5½"	5/8" offset arm for Wagner brakes. 1/2" clevis hole. Left hand.
E-612	1½"-10	5" - 6" - 7"	-
E-612HD	1½"-10	5" - 6" - 7"	-
E-940	1½"-10	5½" - 6½"	-
E-940HD	1½"-10	5½" - 6½"	-
E-1115	1½"-10	5" - 6"	1½" offset arm. Right hand.
E-1116	1½"-10	5" - 6"	1½" offset arm. Left hand.
E-2458	1½"-28	5" - 6" - 7"	-
E-2458HD	1½"-28	5" - 6" - 7"	-
E-2459	1½"-28	5½" - 6½"	-
E-2459HD	1½"-28	5½" - 6½"	-
E-1574	1⅝"-37	6"	-
E-1574HD	1⅝"-37	6"	-

CLEVIS PIN BUSHING

O.D. 5/8"; I.D. 1/2"; length 31/64".
Part No. E-2307.



BRAKE REPAIR KITS

These kits contain all necessary parts to service one brake assembly. (Anchor pins, lock washers, springs, etc.) Only a few have been itemized here, please contact Gregg Distributors for more information or specific application requirements.

Part No. E-2030HD, "Mega" kit, Spicer (Dana) and Std. Forge, 12-1/4" brake with cast shoes.
Part No. E-1887ASHD, "Stop Mate" kit, Eaton 16-1/2" single anchor pin brake.
Part No. E-2121SHD, "Mega" kit, Fruehauf "Pro-Par" 16-1/2" brakes.
Part No. E-3710SHD-C, "Stop Mate" kit, Fruehauf "Pro-Par" 16-1/2" late model "XEM" brake.
Part No. KIT-4SHD, "Stop Mate" kit, Rockwell 16-1/2" "P" series and Std. Forge early model brake.
Part No. E-2769SHD-C, "Stop Mate" kit, Rockwell 16-1/2" "Q", "Q Plus", Spicer (Dana) "Fast Change", "XLII" and Hendrickson "Intraax" brake.
Part No. E-3895SHD-C, "Stop Mate" kit, Universal 16-1/2" quick change series brake. For use with all Rockwell "Q" brake shoes. Can also be used for all Fruehauf "XEM" and Spicer "Fast Change" shoes.

"POSI-ROLL" DIAMOND KNURLED BRAKE SHOE ROLLER

For fabricated brake shoes. For Eaton 16-1/2" "ES" brake.
Overall length: 2-7/32"
Length of large dia.: 1-9/32"
O.D.: 1-1/4"
Part No. E-2177.

BRAKE SHOE ROLLERS

For 16-1/2" brakes with fabricated brake shoes.
Overall length: 2-7/32"
Length of large dia.: 1-9/32"
O.D.: 1-1/4"
Part No. E-523.

Part No. E-781, Same as #E-523 except 1/8" oversize version. O.D. 1-3/8".

"POSI-ROLL" DIAMOND KNURLED BRAKE SHOE ROLLER

For cast shoes.
Overall length: 1"
O.D.: 1-1/4"
I.D.: 3/4"
Uses Euclid pin #E-501.
Part No. E-2176.

BRAKE SHOE ANCHOR PIN

Hard chrome plated. For cast and fabricated shoes with replaceable bushings. Also late model Mack.
Part No. E-502.

BRAKE SHOE ANCHOR PIN

Zinc clear chromate plated. For Rockwell, Eaton, Fruehauf, Spicer and Std. Forge axles. Use with snap ring and retainer washer.
Part No. E-1112S.

BRAKE SHOE ANCHOR PIN

Zinc clear plated. For late model Fruehauf "XEM" brake. Yellow dichromate finish helps distinguish from #E-2766S anchor pin with zinc clear chromate finish.
Part No. E-3711S.

BRAKE SHOE ANCHOR PIN

Zinc clear chromate plated. For Rockwell "Q" brake and Spicer "Fast Change" brake.
Part No. E-2766S.

LOCK RING

Part No. E-801, Can be used on all 1¼" anchor pins with grooves.

Part No. E-527, Use with Eaton 16½" diameter fabricated steel shoes and Std. Forge 12¼" fabricated steel shoes.

ANCHOR PIN SPIDER BUSHING

Stainless steel.
Part No. E-920.

Air Brake & Axle Parts

BRAKE SHOE RETURN SPRING
Black. 6-1/4" overall length, 1" O.D.
For 16-1/4" brakes.
Part No. E-757.

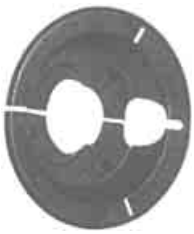
CAM BRAKE SHOE RETURN SPRING RETAINER
2-3/4" overall length, 1/4" O.D.
Part No. E-747.

BRAKE SPIDER
Bolt-on spider assembly for 16-1/2" brakes. Easy anchor pin removal and replacement. Prevents bending of spiders caused by driving out frozen anchor pins. Allows adjustment for wear. Includes seal and bushing. 5-5/8" pilot diameter.
Part No. E-957.

BRAKE SPIDER MOUNTING BOLT & NUT
Grade 8. 1/2" diameter x 1-13/16" long.
Part No. E-632.

DUST SHIELDS
For brake sizes 16-1/2" x 6" or 16-1/2" x 7". Steel or space age nylon plastic (corrosion resistant and 3.5 lbs. lighter than steel dust shield).
Part No. E-886, Steel.
Part No. E-3775, Plastic.

DUST SHIELDS
For brake sizes 16-1/2" x 6" or 16-1/2" x 7". For Meritor trailer applications with fabricated steel spiders.
Part No. E-9095.



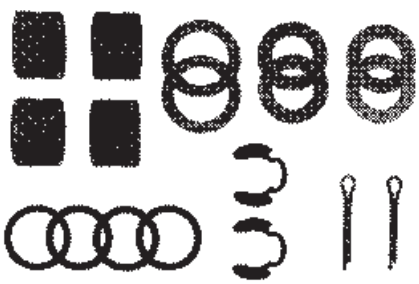
BRAKE CAMSHAFTS

EUCLID LEFT HAND PART NO.	EUCLID RIGHT HAND PART NO.	DESCRIPTION/APPLICATION
E-1095	E-1094	For Air Ride Suspensions with 16½" brakes - 1½" diameter and 10 spline
E-5510	E-5511	For Meritor Trailer Axles with 16½" Q Plus brakes - 1½" diameter and 28 spline
E-1425A	E-1424A	For Meritor Trailer Axles with 16½" Q Plus brakes - 1½" diameter and 10 spline
E-9661	E-9662	For Meritor Drive Axles with 16½" Q Plus brakes - 1½" diameter and 28 spline
E-3856	E-3857	For Spicer Trailer Axles with 16½" brakes used w/ Air Ride Suspensions - 1½" dia. and 28 spline
E-1563	E-1564	For Fruehauf Trailer Axles with 16½" brakes - 1½" diameter and 28 spline
E-1148C	E-1147C	For Meritor Drive Axles with 16½" Q Plus brakes - 1½" diameter and 10 spline
E-9659	E-9660	For Meritor Drive Axles with 16½" Q Plus brakes - 1½" diameter and 28 spline
E-3854	E-3855	For Spicer Trailer Axles with 16½" brakes - 1½" diameter and 28 spline
E-7217	E-7218	For Spicer Trailer Axles with 16½" brakes - 1½" diameter and 10 spline
E-9735	E-9736	For Spicer Trailer Axles with 16½" XL and XTRALIFE brakes - 1½" diameter and 28 spline
E-7219	E-7220	For Spicer Trailer Axles with 16½" - 1½" diameter and 10 spline
E-4892	E-4893	For Trailer Axles with various 16½" - 1½" diameter and 10 spline
E-9665	E-9666	For Meritor Drive Axles with 16½" Q Plus brakes - 1½" diameter and 28 spline

Only a few camshafts have been itemized here, please contact Gregg Distributors for more information or specific application requirements.

CAMSHAFT REPAIR KITS
For 16-1/2" dia. cam brakes. These kits contain all necessary parts to service one pair of camshafts. (Bushings, seals, washers, etc.) Only a few have been itemized here, please contact Gregg Distributors for more information or specific application requirements.

Part No. E-2125, Kit, for Eaton self contained drive axle brakes.
Part No. E-2090, Kit, for late model Fruehauf "Pro-Par" axles with 16-1/2" brakes.
Part No. E-2086B, Kit, for Rockwell 16-1/2" and 18" drive axle "P" and "Q" series brakes "universal kit".
Part No. E-3993B, Kit, for Rockwell 15 and 16-1/2" drive axle "Q" brakes.
Part No. E-2287, Kit, for Spicer and Std. Forge.



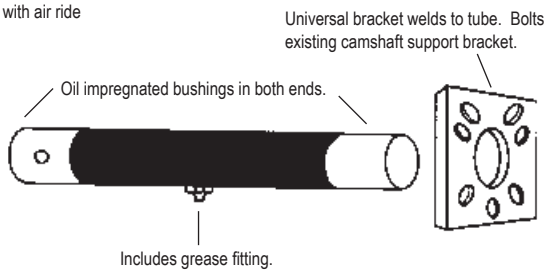
CAMSHAFT SUPPORT BRACKET
For Spicer and Std. Forge 16-1/2" dia. brakes. Includes #E-2102 bushing.
Part No. E-2104.

CAMSHAFT SUPPORT BUSHING ASSEMBLY
For Rockwell trailer axles.
Part No. E-1318A.

CAMSHAFT TUBE ENCLOSURES FOR TRAILERS
For greater camshaft life where trailer is subjected to extreme operating conditions.
For standard 1½" dia. camshaft:
Spider end I.D.: 1½"
Support end I.D.: 1½"
Tube overall length: 17¾"
Tube O.D.: 1⅞"
Cam length: 20⅜"
Part No. E-4737A.

Support bracket mounting plate. Universal standard adapter for 1-7/8" O.D. cam tube enclosures.
Part No. E-4739.

For standard 1½" dia. camshaft with air ride suspension:
Spider end I.D.: 1½"
Support end I.D.: 1½"
Tube overall length: 21"
Tube O.D.: 1⅞"
Cam length: 23¾"
Part No. E-4738A.



CAMSHAFT BUSHING
Nylon. O.D. 1⅞"; I.D. 1½"; length 1¼".
Part No. E-536.

CAMSHAFT BUSHING
Bronze. O.D. 1⅞"; I.D. 1½"; length 1¼".
Part No. E-667.

CAMSHAFT BUSHING
Nylon. O.D. 1⅞"; I.D. 1½"; length 1½".
Part No. E-759.

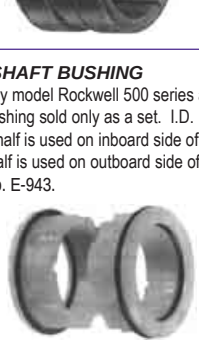
CAMSHAFT BUSHING
Nylon. O.D. 1⅞"; I.D. 1½"; length 2".
Part No. E-661.

CAMSHAFT BUSHING
Nylon. O.D. 2-15/32"; I.D.
1½"; length 1¾".
Part No. E-2102.

CAMSHAFT BUSHING
Nylon. O.D. 2½"; I.D.
1-19/32"; length 1½".
Part No. E-1577A.

CAMSHAFT BUSHING
Nylon. O.D. 2¾"; I.D.
1½"; length 2½".
Part No. E-535.

CAMSHAFT BUSHING
For early model Rockwell 500 series axles. Split bushing sold only as a set. I.D. 1½". Yellow half is used on inboard side of spider; white half is used on outboard side of spider.
Part No. E-943.



CAMSHAFT SPACER WASHERS

PART NO.	O.D.	I.D.	THICKNESS	APPLICATION
E-1113	1⅞"	1 17/64"	.060	Plated. For Rockwell 4000-6000 series axle spline end.
E-564	2"	1 17/32"	.050	Plated. For Rockwell RN/RL series.
E-2411A	2¼"	1⅝"	1/32"	Plated. For Rockwell 4000-6000 series axle cam end.
E-581	2¼"	1 17/32"	.032	Plated. Used on all 1½" dia. camshafts.
E-580	2¼"	1 17/32"	.060	Plated. Used on all 1½" dia. camshafts including end washer for Fruehauf "Pro-Par" camshaft.
E-719	2 7/16"	1 9/16"	.120	Plated. Used on Rockwell and Shuler axles.

CAMSHAFT SEALS

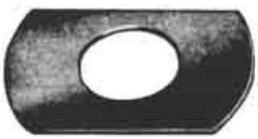
PART NO.	O.D.	I.D.	THICKNESS	APPLICATION
E-1416	1⅞"	1½"	3/16"	For 1½" dia. camshafts. Use with late model Rockwell and Std. Forge weld-on spiders.
E-1416A	1⅞"	1½"	1/4"	Same as E-1416 except 1/4" thick. Cannot be used on late model Rockwell axles.
E-654	2 1/16"	1½"	1/4"	For 1½" dia. camshaft.

E-801/E-4736/E-526/E-1569

E-910

CAMSHAFT LOCK RINGS

PART NO.	I.D.	THICKNESS	APPLICATION
E-801	1⅛"	1/16"	For Rockwell 4000-6000 series axle
E-4736	1⅜"	3/32"	Wider snap ring for use with Rockwell drive axle camshafts. Not for use with Euclid replacement camshafts.
E-526	1 31/64"	1/16"	For all 1½" dia. camshafts.
E-1569	1½"	1/16"	For Rockwell 4000-6000 series axle and "Pro-Par" axle with 1⅝" dia. camshaft.
E-910	1½"	1/16"	For 1½" dia. camshaft. Use in cam front lock groove.



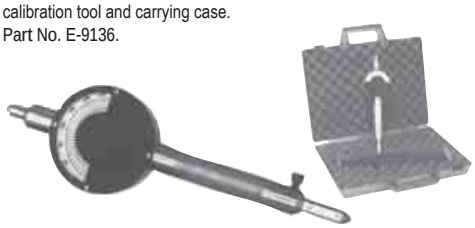
CAMSHAFT HEAD WASHER

PART NO.	O.D.	I.D.	THICKNESS	APPLICATION
E-656	3⅞"	1½"	1/16"	For 1½" dia. camshafts. Can be used on Fruehauf camshafts by reversing.

Air Brake & Axle Parts

BRAKE SHOE ANCHOR PIN PRESS
A heavy duty press that will easily remove rusted and corroded brake shoe anchor pins without damage to the brake shoe spider. Removes pins up to 1¼" diameter.
Part No. E-2654.

HEAVY DUTY BRAKE DRUM GAUGE KIT
Easy to read 4" dial calibrated in ten thousandths from -.040 to +.120 with an unbreakable crystal. Measures any brake drum from 12" to 18" diameter in 1/4" increments. Both end tips of gauge are made with hardened steel balls inserted at contact points for accuracy and service. Easy to adjust slide bar shows exact drum diameter to be checked. Includes heavy duty brake drum gauge, gauge calibration tool and carrying case.
Part No. E-9136.



Please Note: The preceding pages featuring Euclid Air Brake & Axle Parts is only a partial representation of the line. Gregg Distributors Ltd. offers a much wider assortment of these parts from Euclid, please call for more information.

JETLINE 88

TTT/2591

S-Cam Rotation Meters - Cam Rotation Meters For PMVI Spec

SPLINE CUP TYPE BRAKE CAM ROTATION METERS
The splines on a ten spline S Cam are spaced at 18° apart, the splines on a 28 spline S Cam are spaced at 6.42° apart. To increase the accuracy of the start position on the ten spline cup type brake cam rotation meter, three colour coded ten spline meters are available each with its own timing position, 9°; +9°; -9°.
Part No. GOLDCA92B, 10 spline, 0° cup type, 1.50" ID.
Part No. BLUECA92B, 10 spline, -9° cup type, 1.50" ID.
Part No. SILVERCA92B, 10 spline, +9° cup type, 1.50" ID.
Part No. CA92C, 28 spline, 0° cup type, 1.50" ID.

GOLDCA92B

BLUECA92B

SILVERCA92B

CA92C

REVERSIBLE & UNIVERSAL BRAKE CAM ROTATION METERS
All brake cam rotation meters have an internal index arrow for timing the meter to the S Cam. All configurations of the brake cam rotation meters replace the existing external spacer washer and accurately measure 120° of accumulated brake adjustment, left or right S Cams. Brake rollers over-cam after 145° of cam rotation, 2" of air cylinder stroke is equal to an additional 18° of cam rotation.
Part No. CA92A, Flat 10 spline, reversible, 1.50" ID.
Part No. CA92F, Flat 10 spline, reversible, 1.25" ID.
Part No. CA92G, Flat, universal, 1.25" ID.
Part No. CA92D, Flat, Freuhauf, 1.50" ID.

CA92A

CA92F

CA92G

CA92D

Relined Brake Shoes

•Sold by the shoe •No hardware •No box, bulk •Core charge applies

HD AMERICA 20
Performance Plus Savings
HDAPN 20 provides guaranteed OE grade performance and delivers outstanding value, while reducing maintenance costs. Rated for 20,000 lb. axles, HDAPN 20 is the perfect choice for normal loads, in both city and highway applications. Grey-Rock GS linings.

HD AMERICA 23
Stopping Power for the Toughest Application
HDAPN 23 is the block to choose for extra stopping power. Manufactured for dump, refuse, tanker, ready-mix and other heavy duty applications, this superior block is rated for 23,000 lb. axles. Grey-Rock GG linings.

New Brake Shoes

•Sold by the shoe •No hardware •No box, bulk •No core charge

HD AMERICA 20
Performance Plus Savings
HDAPN 20 provides guaranteed OE grade performance and delivers outstanding value, while reducing maintenance costs. Rated for 20,000 lb. axles, HDAPN 20 is the perfect choice for normal loads, in both city and highway applications. Grey-Rock GS linings.

HD AMERICA 23
Stopping Power for the Toughest Application
HDAPN 23 is the block to choose for extra stopping power. Manufactured for dump, refuse, tanker, ready-mix and other heavy duty applications, this superior block is rated for 23,000 lb. axles. Grey-Rock GG linings.

TRACTOR FRONT SHOES

DESCRIPTION	RATING	RELINED SHOE NO.	NEW SHOE NO.	SHORT HARDWARE KIT	LONG HARDWARE KIT	CAMSHAFT REPAIR KIT
Eaton Quick Change 15" x 4"	20,000	F1308EH20	N1308EH20	-	E5139	E5140
Eaton Quick Change Extended Service 15" x 4" *	20,000	F1443EH20	N1443EH20	-	E5139	E5140
Meritor/Rockwell Quick Change 15" x 4"	20,000	F1308QH20	N1308QH20	E7899	E3869	E3876
Meritor/Rockwell Pin Type 15" x 4"	20,000	F1308TH20	N1308TH20	E6879	E4691	E3468A
Meritor/Rockwell Quick Change 16-1/2" x 5"	20,000	F4524QH20	-	E3895SHDC	E2769SHDC	E3993B
	23,000	F4524QH23	-	E3895SHDC	E2769SHDC	E3993B
Meritor/Rockwell Quick Change for Mack 16-1/2" x 5"	20,000	F4524MQH20	-	-	E3858	E2086B
	23,000	F4524MQH23	-	-	E3858	E2086B
Meritor/Rockwell Pin Type 16-1/2" x 5"	20,000	F4524TH20	-	-	E1816SHD	E2086B
	23,000	F4524TH23	-	-	E1816SHD	E2086B
Meritor/Rockwell Quick Change Q Plus 15" x 4"*	20,000	F4702QH20	N4702QH20	-	E9064	E3993B
	23,000	F4702QH23	N4702QH23	-	E9064	E3993B

TRACTOR REAR SHOES

DESCRIPTION	RATING	RELINED SHOE NO.	NEW SHOE NO.	SHORT HARDWARE KIT	LONG HARDWARE KIT	CAMSHAFT REPAIR KIT
Eaton 16½" x 7"	20,000	F4311EH20	N4311EH20	-	E1887ASHD	E2125
	23,000	F4311EH23	N4311EH23	-	E1887ASHD	E2125
Eaton Extended Service 16½" x 7"*	20,000	F4709EH20	N4709EH20	-	E5481A	E5501
	23,000	F4709EH23	N4709EH23	-	E5481A	E5501
Eaton Extended Service 2nd Generation 16½" x 7"	20,000	F4709E2H20	N4709E2H20	-	E10244	E10897
	23,000	F4709E2H23	N4709E2H23	-	E10244	E10897
Meritor/Rockwell Quick Change 16½" x 7"	20,000	F4515QH20	N4515QH20	E3895SHDC	E2769SHDC	E2086B
	23,000	F4515QH23	N4515QH23	E3895SHDC	E2769SHDC	E2086B
Meritor/Rockwell Pin Type 16½" x 7"	20,000	F4515TH20	-	-	KIT4SHD	E2086B
	23,000	F4515TH23	-	-	KIT4SHD	E2086B
Meritor/Rockwell Quick Change Q Plus 16½" x 7"*	20,000	F4707QH20	N4707QH20	E3895SHDC	E2769SHDC	E3993B
	23,000	F4707QH23	N4707QH23	E3895SHDC	E2769SHDC	E3993B

*Extended service camshafts CAN be used in place of standard camshafts. Standard camshafts CANNOT be used in place of extended service camshafts when using extended service shoes and/or linings.

TRAILER BRAKE SHOES

DESCRIPTION	RATING	RELINED SHOE NO.	ECONOMY RELINED SHOE NO.	NEW SHOE NO.	SHORT HARDWARE KIT	LONG HARDWARE KIT	CAMSHAFT REPAIR KIT
Meritor/Rockwell Quick Change 16½" x 7"	20,000	F4515QH20		N4515QH20	E3895SHDC	E2769SHDC	†
	23,000	F4515QH23	F4515QH23F	N4515QH23	E3895SHDC	E2769SHDC	†
Meritor/Rockwell Pin Type 16½" x 7"	20,000	F4515TH20		-	-	KIT4SHD	†
	23,000	F4515TH23		-	-	KIT4SHD	†
Meritor/Rockwell Quick Change Q Plus 16½" x 7"*	20,000	F4707QH20		N4707QH20	E3895SHDC	E2769SHDC	†
	23,000	F4707QH23	F4707QH23F	N4707QH23	E3895SHDC	E2769SHDC	†
Meritor/Rockwell Fruehauf Quick Change XEM3 16½" x 7"	20,000	F4515FX3H20		N4515FX3H20	E3895SHDC	E3710SHDC	E2090 (new style) E2122 (old style)
	23,000	F4515FX3H23		N4515FX3H23	E3895SHDC	E3710SHDC	E2090 (new style) E2122 (old style)

*Extended service camshafts CAN be used in place of standard camshafts. Standard camshafts CANNOT be used in place of ext. service camshafts when using ext. service shoes and/or linings.
**Short Hardware Kit does not contain anchor pins or anchor pin bushings.
†Please call a Gregg Distributors representative for your specific application requirements.

HDA PARTS NETWORK

Note: Meritor (a.k.a. Rockwell)

BRAKE IDENTIFICATION

"Standard" Brakes

Brake Block Drill Pattern	Table	Brake Type
FMSI 4311J 28 Holes 3/4" Thick 10-8 Rivets	anchor end view **Use "std." OR "ext. life" camshaft**	**EATON** 11/4"
FMSI 4515E 32 Holes 3/4" Thick 10-8 Rivets	roller end view **Use "std." camshaft**	**FRUEHAUF "XEM"** 59/64" 11/16"
FMSI 4515E 32 Holes 3/4" Thick 10-8 Rivets	roller end view **Use "std." OR "ext. life" camshaft**	**MERITOR "Q"** 11/4" 1"
FMSI 4515E 32 Holes 3/4" Thick 10-8 Rivets	roller end view **Use "std." OR "ext. life" camshaft**	**MERITOR "Q" FOR FRUEHAUF** 1" 1"

"Extended Life" Brakes

Brake Type	Table	Brake Block Drill Pattern
EATON "ES" 11/4"	anchor end view **Use "ext. life" camshaft**	FMSI 4709 28 Holes 7/8" Thick 10-9 Rivets
EATON TOP SPEC "ES" FOR FRUEHAUF 59/64" 11/16"	roller end view **Use "std." camshaft**	FMSI 4708 28 Holes 13/16" Thick 10-9 Rivets
MERITOR "Q PLUS" 11/4" 1"	roller end view **Use "ext. life" camshaft**	FMSI 4707 28 Holes 7/8" Thick 10-9 Rivets
EATON TOP SPEC "ES" FOR MERITOR 11/4"	roller end view **Use "std." OR "ext. life" camshaft**	FMSI 4708 28 Holes 13/16" Thick 10-9 Rivets
EATON "ES II" 11/4"	anchor end view **Use "ext. life" camshaft**	FMSI 4709 28 Holes 7/8" Thick 10-9 Rivets

HDA PARTS NETWORK

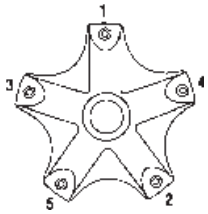
KIC Brake Drums

•All brake drums conform to ASTM A-159, Grade 3500B •Hardness range for all brake drums is 207 to 255 Brinnel thus providing long term wear properties •All balanced drums are machine balanced using computer controlled dynamic balancing equipment •All products are machined using CNC machinery and inspected using CMM measuring equipment •KIC brake drums have passed dynamometer drum distress testing performed by Carlisle motion control •KIC provides limited lifetime warranty for all wheel end products

PART NO.	DESCRIPTION
52120-12	16½" x 7" drum. Replaces Dayton #122601; Durametal #16778; Gunite #3295A; Webb #68981.
52230-10	16½" x 7" drum. Replaces Dayton #122222; Durametal #16874; Erie 2738-1; Gunite #2983C; Webb #67518.
53033-01	16½" x 7" drum. Replaces Dayton #123207; Durametal #16792; Erie #2764-5; Gunite #3600A; Webb #66864F.

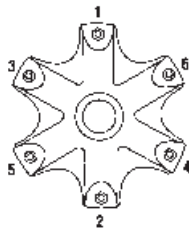
WEBB Brake Drums

PART NO.	GUNITE CROSSOVER	HOLE SIZE	DESCRIPTION
61780F	2577A	5/8"	16½" x 7" drum, 5 or 6 spoke
62200F	2705	3/4"	16½" x 7" drum, 10 stud, inboard
62997F	2997	3/4"	16½" x 7" drum, 5 or 6 spoke, truck
63617F	3174	5/8"	12¼" x 7½" drum, 6 spoke, trailer
65162F	3687	7/8"	16½" x 6" pilot mount, 10 stud front drum
65651B	2920	1-1/4"	16½" x 5" drum, 10 stud front drum, outboard
66864F	3600A, 3600B	7/8"	16½" x 7" drum, 10 stud, outboard
66875F	3141B	7/8"	16½" x 7" drum, 8 stud, outboard
66893F	3166	7/8"	16½" x 7" drum, 10 stud, outboard
66895B	3141	3/4"	16½" x 7" drum, 10 stud, outboard
67518F	2983C	3/4" and 5/8"	16½" x 7" drum, 5 or 6 spoke, trailer
68730F	2546, 3018A	3/4"	16½" x 7" drum, 10 stud, inboard
68765F	2546C	5/8" and 3/4"	16½" x 7" drum, 5 or 6 spoke
68981B	3295A	3/4"	16½" x 7" drum, 5 or 6 spoke, truck
68897F	8656	5/8"	16½" x 7" drum, 5 or 6 spoke



Please ask for further information or specific application requirements on the Webb line of Brake Drums.

Drive Axle Hubs & Hub/Drum Combinations



PART NO.	DESCRIPTION
35607A	Drive hub wheel. 6 spoke, 20" diameter. Includes bearing cups 572 and 592A and all wheel attaching items.
35627A	Drive hub wheel. 6 spoke, 22" diameter. Includes bearing cups 572 and 592A and all wheel attaching items.
26431RK4T	10 stud pilot mount ABS hub and drum. Includes tone ring, bearing cup 572 and 592A, 66864B drum, wheel studs and flange nuts.

Please ask for more information on aluminum hubs available in this line.
For further information on specific application requirements on the Webb line of Brake Products, please consult a Gregg Distributors representative.

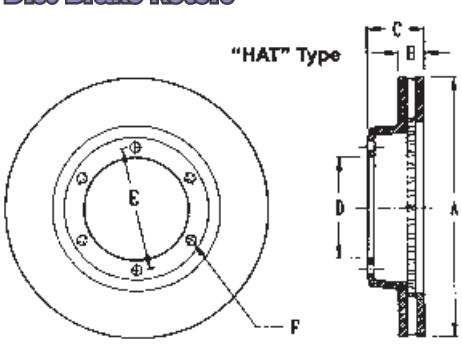
Trailer Hub Assemblies

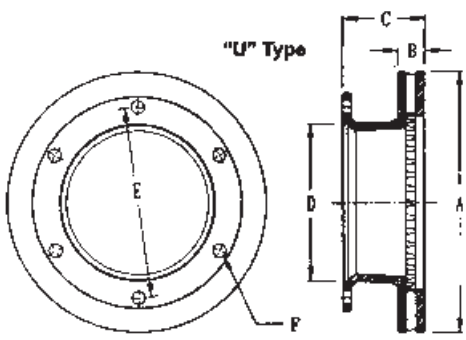
PART NO.	DESCRIPTION
5580ZA	Trailer Hub Wheel. 5 spoke, 20" diameter. Includes bearing cups HM518410 and all wheel attaching items.
75209A	Trailer Hub Wheel. 5 spoke, 20" diameter. Includes bearing cups HM212011 and HM218210 and all wheel attaching items.
76229A	Trailer Hub Wheel. 6 spoke, 22" diameter. Includes bearing cups HM212011 and HM218210 and all wheel attaching items.
85203A	Trailer Hub Wheel. 5 spoke, 20" diameter. Includes bearing cups HM212011 and 653 and all wheel attaching items.
85223A	Trailer Hub Wheel. 5 spoke, 22" diameter. Includes bearing cups HM212011 and 653 and all wheel attaching items.
10019-N	10 Stud Ball Seat Hub. Uses inboard mount drum, shoulder stud. Includes bearing cups HM212011 and HM218210. Does not include drum or wheel attaching items.
1320Z-N	10 Stud Ball Seat Hub. Uses outboard drum, serrated stud. Includes bearing cups HM518410. Does not include drum or wheel attaching items.
1331Z-N	10 Stud Ball Seat Hub. Use inboard mount drum, shoulder stud. Includes bearing cups HM518410. Does not include drum or wheel attaching items.
20231-0T	10 Stud Ball Seat or Pilot Mount Hub. Uses outboard mount drum, serrated stud. Includes bearing cups HM212011 and HM218210, and ABS tone ring. Does not include drum or wheel attaching items.

Rim Clamp

PART NO.	DESCRIPTION
16123	Rim clamp for 5 and 6 spoke wheels.

Disc Brake Rotors





PART NO.	WEIGHT	ROTOR TYPE	A OVERALL DIAMETER	B THICKNESS	C OVERALL DEPTH	PILOT DIAMETER	E BOLT CIRCLE DIA.	F NO. OF BOLT HOLES	F SIZE OF BOLT HOLES	INTERCHANGE INFORMATION
54102	36	HAT	14.75	1.34	3.81	5.40	6.75	5	0.66	B-0, C-0, D-1, E-3, G-2
54103	36	HAT	14.75	1.34	3.81	5.40	7.25	6	0.78	B-0, D-1, F-2, G-2, N-4
54104	37	HAT	14.75	1.34	3.81	5.40	6.75	6	0.66	C-0, D-1
54251	53	"U"	15.00	1.43	6.80	7.00	8.75	6	0.81	B-0, D-1, E-3, N-1
54301	42	HAT	15.39	1.53	3.40	6.00	7.25	10	0.59	B-0, B-1, C-0, D-1, E-3
54351	51	"U"	15.39	1.53	4.75	9.25	11.25	6	0.78	B-0, D-1, E-3, F-2
54352	55	"U"	15.39	1.53	6.03	6.44	8.75	6	0.84	
54769	39	HAT	15.00	1.43	3.50	5.40	6.75	5	0.78	E-3, N-1
54770	40	HAT	15.00	1.43	3.50	5.40	6.75	6	0.77	E-3, N-1
54771	42	HAT	15.00	1.43	4.44	6.00	7.25	10	0.58	D-1, N-1

Interchanges

MANUFACTURER	MANUFACTURER'S PART NO.	WEBB PART NO.
Bendix	141269	54103
	141270	54351
	141271	54102
	141272	54301
	141273	54251
	141276	54352
Bluebird	4320586	54301
Chevrolet/GMC	15514357	54301
	15514406	54301
	15515786	54102
	15515789	54104
	15619954	54102
Gunite	D6054	54102
	D6054A	54104
	D6054C	54103
	D6133	54771
	D6151	54771
	D6175	54771
	D6183	54771
Dayton	122527	54251
	122687	54102
	122688	54104
	122691	54351
	122700	54103
	122729	54301
	122743	54352
	122897	54771
Euclid	E-4227	54103
	E-4228	54351
	E-4229	54102
	E-4230	54301
	E-4231	54251
	E-6114	54769
	E-6115	54770
	E-9804-TU	54104
Ford	E3HZ-1102-A	54351
	E4HZ-1125-A	54103
	E4HZ-1125-D	54352
Navistar	573922-C1	54769
	589843-C1	54251
	1646750-C1	54771
	1646770-C1	54770
NWRA	X-60758	54103

Webb Rotor Application

PART NO.	APPLICATION
54102	GMC/Chevrolet front axles
54103	Ford front axles
54104	GMC/Chevrolet front axles
54251	Navistar front and rear axles
54301	GMC/Chevrolet front and rear axles
54351	Ford front axles - 1983 and newer
54352	Ford front axles - 1984 and newer
54769	Navistar front axles (ABS applications)
54770	Navistar front and rear axles (ABS applications)
54771	Truck front and rear axles (ABS applications)

EUCLID
Steelite X30™ Brake Drums

These brake drums set a new standard in advanced wheel-end design and development. Exclusive one-piece shell provides exceptional durability and concentricity, and reduces weight. One-piece design also eliminates weld seams. Significantly lighter than standard full-cast drums (up to 200 lbs. for a typical tandem axle tractor/trailer combination).

PART NO.	DESCRIPTION
53-123537-002	Crosses with Centrifuse #89996B
53-123565-002	Crosses with Centrifuse #87156B
53-123566-002	Crosses with Centrifuse #88797B

EUCLID
an ArvinMeritor brand

GABRIEL
Heavy Truck Shock Absorbers

Gabriel®

FLEETLINE HEAVY DUTY TRUCK SHOCKS - 83000 SERIES
Smallest heavy duty product, best suited for light trucks or heavy truck front suspensions
•1-3/8" bore
•Spun closure
•9 stage valving

FLEETLINE HEAVY DUTY TRUCK SHOCKS - 85000 SERIES
Added durability makes this series the standard heavy duty product for today's low friction suspensions
•1-5/8" bore provides improved durability
•360° are welded end mounts protect against end mount breakage
•Hydraulic rebound stop prevents impact damage to the shock and vehicle mounting components
•Multi-lip piston seal provides backup seal protection
•Welded closure improves pull apart strength

FLEETLINE HEAVY DUTY TRUCK SHOCKS - 85700 SERIES
Designed for unique truck applications and for severe duty bus applications. The speciality features of this series ensure a long consistent operating life
•1-5/8" bore with a bulged design provides increased fluid capacity for cooler operation
•Patented rod seal material significantly increases the life of the seal
•Custom blended HT Fluid reduces friction and wear in extreme operating conditions

Light, medium, heavy duty shock absorbers for trucks, tractors, trailers, and buses.

Please request further information on the line of Gabriel Shock Absorbers.

GASSLX HEAVY TRUCK GAS SHOCKS/ADJUSTABLE - 89000 SERIES
•Premium three position adjustable Heavy Truck gas shock
•Unique Gas Cell double seals for superior gas retention
•Position Adjustable offers personal ride selection
•1-5/8" bore, 360° arc welded end mounts provides improved durability
•Specially formulated H.T. fluid reduces friction and wear in extreme operating conditions
•Many more premium component upgrades combine to provide the ultimate in performance and durability

Gabriel®

GOODYEAR

Super Cushion® Air Springs

Goodyear Super Cushion air springs for trucks and trailers protect cargo, provide constant level hauling, and deliver long, trouble-free service. Goodyear Super Cushion air springs give your trucks and trailers a new high in productivity and long life. They offer a quiet, cushioned ride. Because there's less vibration, truck and trailer bodies last longer than with steel springs. The driver rides in greater comfort, becomes less fatigued and stays more alert. Cargo gets better protection from shock and vibration.

Please ask a Gregg Distributors representative for more information on Goodyear Super Cushion air springs.

1B SINGLE CONVOLUTE — BELLOWS
Crimped

2B DOUBLE CONVOLUTE — BELLOWS
Sleeve Type
Crimped

1R CONVENTIONAL ROLLING LOBE
Crimped

3B TRIPLE CONVOLUTE — BELLOWS
Crimped

NEWAY®

Air Control Valves

TYPE CR (CONTROLLED RESPONSE) HEIGHT CONTROL VALVE
Adjusts air pressure with controlled response under a wide variety of climatic and payload conditions.
Part No. 90054007.

OPTIONAL DUMP VALVE
For #90054007 height control valve. Allows air to be released from air springs. This valve allows you to lower tractor for easy coupling/uncoupling with trailer. Also used for lowering vehicle for easier loading/unloading at dock.
Part No. 90554335.

TYPE IR (IMMEDIATE RESPONSE) HEIGHT CONTROL VALVE
Adjusts air pressure without delay under a wide variety of climatic and payload conditions.
Part No. 90555105.

TYPE IR (IMMEDIATE RESPONSE) HEIGHT CONTROL VALVE WITH DUMP VALVE
Allows air to be released from air springs. The dump vlave allows you to lower tractor for easy coupling/uncoupling with trailer. Also used for lowering vehicle for easier loading/unloading at dock.
Part No. 90555106.

MANUALLY OPERATED RELIEVING TWO-WAY VALVE
Used to apply pilot pressure to actuate dump valves.
Part No. 90054088.

ELECTRICAL THREE-WAY SOLENOID VALVE
Used to apply pilot pressure to actuate dump valves.
Part No. 90054075.

3-WAY PILOT VALVE
¼" NPT ports, 1/8" NPT pilot port.
Part No. 90554615.

AIR PRESSURE PROTECTION VALVE
¼" NPT ports.
Part No. 90554107.

ADJUSTABLE LINKAGE ASSEMBLY
(Model SRK 168) Use for all controlled response time-delay height control valve applications.
Part No. 48100225.

ADJUSTABLE LINKAGE ASSEMBLY
(Model SRK 205) Use for all immediate response height control valve applications.
Part No. 48100267.

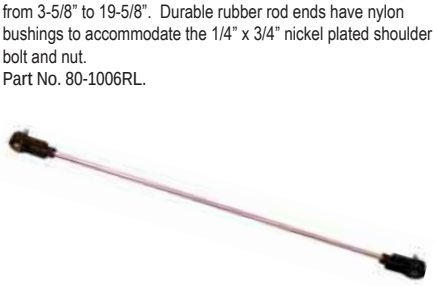
TECTRAN
Air Control Components

HEIGHT CONTROL VALVE
This valve is used in air suspension systems to maintain a constant ride height. Used on many OEM applications. Tight dead band; integral supply port check valve to prevent "leak downs". Improved chemical resistance with new seal formulation. Universal mounting bracket can be used to mount valve on left or right side. There is an extra straight lever arm included to broaden the application range. Interchangeable with all current height control valves. Fittings installed for 1/4" O.D. tubing.
Part No. 80-1006, Delay - 1 to 5 seconds at 100 psi.
Part No. 80-1006ND, Non-delay - less than 1 second at 100 psi.

HEIGHT CONTROL VALVE WITH INTEGRAL DUMP VALVE
Fastest fill rate — up to 300% higher air flow rates compared with conventional refill/exhaust systems. Integral dump valve reduces the number of parts in the air suspension system. Tightest industry dead band ensures smoother ride and minimizes suspension and drive line wear. Engineered for long life. 1/8" NPTF dump pilot port;
1/4" NPTF supply and delivery ports.
Part No. 80-1005.

ADJUSTABLE LINK
Adjustable from 8" to 15". Links may be cut for applications shorter than 8". Rubber bushings on each end with 1/4" holes.
Part No. 80-1006AL.

ADJUSTABLE LINK
1/4" diameter zinc dichromated steel rod can be cut for lengths from 3-5/8" to 19-5/8". Durable rubber rod ends have nylon bushings to accommodate the 1/4" x 3/4" nickel plated shoulder bolt and nut.
Part No. 80-1006RL.



MIDLAND
Air Levelling Valve

Used to maintain vehicle height on an air suspended chassis. One valve can be used for left or right installations; one valve can control two suspension bellows. Unit includes a standard vertical linkage which can be cut to desired length, and an adapter plate to allow changeover from competitive models.
Part No. KN27000.
Part No. RN10JC, Linkage kit for KN27000.

EUCLID
Air Levelling Valve

Part No. E-4323, Height control (levelling) valve replaces Neway #90054007

Brake Locks

Designed to supplement the vehicles parking brake system

LEVER LOCK

Lever Lock with pressure warning switch supplements a vehicles standard parking brake by utilizing the hydraulic service brake system. Manually operated one-way check valve which locks fluid under pressure in the selected brakes. Hand release leaves both of the operator's feet free for clutch and gas pedal operation. Provides two wheel lock up on split-brake systems. For short-term parking only.
Part No. 66605.

DUALOCK

Dualock with pressure warning switch provides four-wheel lockup for hydraulic split brake systems. Designed to supplement the standard parking brake of a vehicle equipped with a dual or split brake system by utilizing the hydraulic service brake system. They also provide axle by axle holding protection on single or non-split hydraulic systems. For short-term parking only.
Part No. 66606.

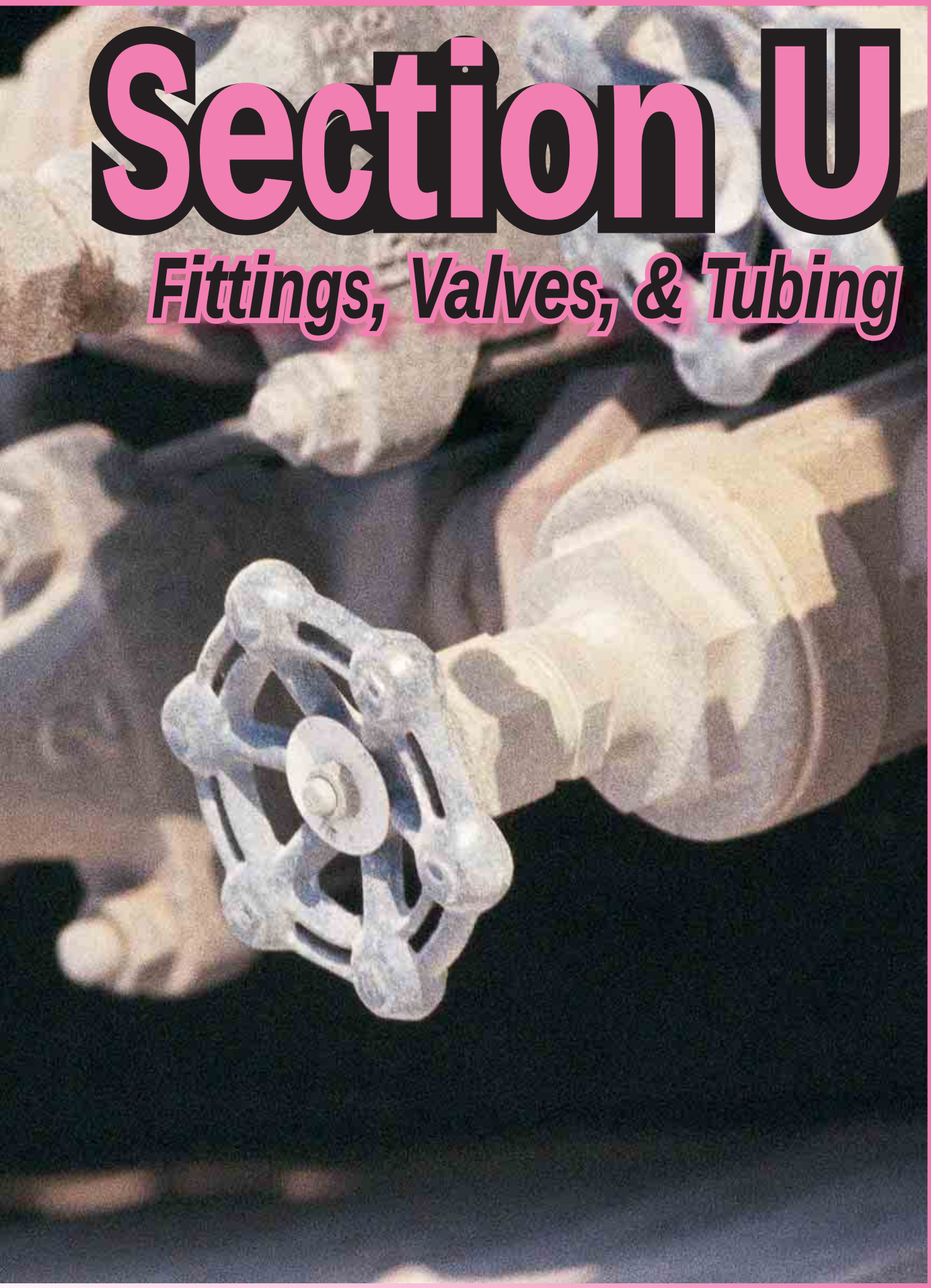
ELECTRIC BRAKE LOCKS

Electric brake lock with a pressure warning switch, provides two-wheel lock up. It utilizes the service brake system to provide a supplemental "hold" assist. This is not recommended for split brake systems. It does not interfere with normal braking and can be installed with no additional plumbing. Holds hydraulically without any current draw.
Part No. 68140.

Raybestos
The best in brakes

Section U

Fittings, Valves, & Tubing



CELEBRATING 40 YEARS
40
1968
Gregg
2008

Thread Specifications Tube Fittings

Tube Size O.D.	COMPRESSION O.D.	COMPRESSION Thread	S.A.E. FLARE O.D.	S.A.E. FLARE Thread	J.I.C. FLARE & FLARELESS O.D.	J.I.C. FLARE & FLARELESS Thread	INV. FLARE O.D.	INV. FLARE Thread	THREADED SLEEVE O.D.	THREADED SLEEVE Thread
1/8"	5/16	24	5/16	24	5/16	24	5/16	24	5/16	24
5/32"	5/16	24								
3/16"	3/8	24	3/8	24	3/8	24	3/8	24	3/8	24
1/4"	7/16	24	7/16	20	7/16	20	7/16	20	7/16	24
5/16"	1/2	24	1/2	20	1/2	20	1/2	20	1/2	20
3/8"	9/16	24	5/8	18	9/16	18	5/8	18	9/16	20
7/16"	5/8	24	11/16	16			11/16	18	5/8	18
1/2"	11/16	20	3/4	16	3/4	16	3/4	18	11/16	16
5/8"	13/16	18	7/8	14	7/8	14	7/8	18		
3/4"	1	18	1-1/16	14	1-1/16	12	1-1/16	16		
7/8"	1-1/8	18	1-1/4	12	1-3/16	12	1-3/16	16		
1"					1-5/16	12				
1-1/4"					1-5/8	12				
1-1/2"					1-7/8	12				
2"					2-1/2	12				

Numbering System

•The number and letter immediately following the part number designates the tube and pipe size of fittings. Example: 668-12D denotes a (Compression Connector) fitting suitable for use with 3/4" (12) O.D. tubing and 1/2" (D) pipe.

OUTSIDE DIAMETER TUBE SIZES

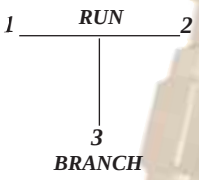
No. Suffix	O.D.
2	1/8"
25	5/32"
3	3/16"
4	1/4"
5	5/16"
6	3/8"
7	7/16"
8	1/2"
10	5/8"
12	3/4"
14	7/8"
16	1"

PIPE THREAD SIZES

Letter Suffix	O.D.
A	1/8"
B	1/4"
C	3/8"
D	1/2"
E	3/4"
H	1"

Measurement of Tees

•Please note that tube and pipe sizes shown in all Tees described in this catalogue follow the standard practice of listing dimensions in the following order: (When sizes on run are the same, No. 2 end in not repeated in description).



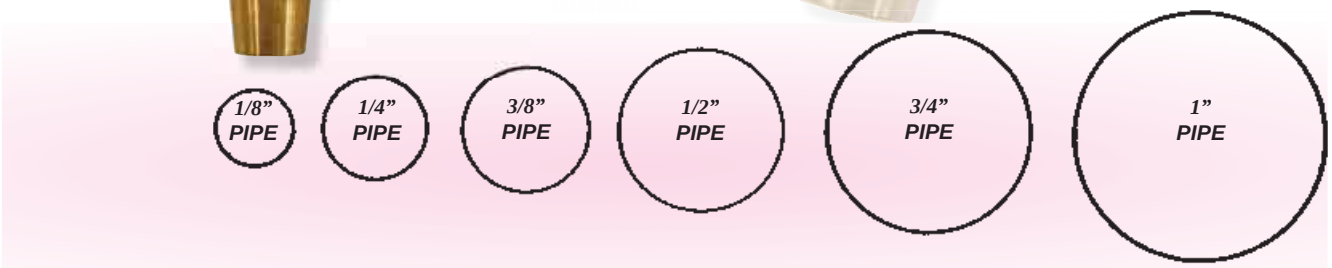
Example: FO44R-6 x 4 x 4 indicates 3/8T x 1/4T x 1/4T
(1) (2) (3)

FO44R-6 x 4 indicates 3/8T x 3/8T x 1/4T
(1) (2) (3)

445-4A indicates 1/4T x 1/4T x 1/8 M.I.P.
(1) (2) (3)

Pipe Fittings (Taper Pipe Threads)

•Illustration below shows actual pipe size. To determine pipe size compare fitting with illustrations.



	1/8" PIPE	1/4" PIPE	3/8" PIPE	1/2" PIPE	3/4" PIPE	1" PIPE
Threads Per Inch	27	18	18	14	14	11-1/2
Approx. O.D.	13/32	9/16	11/16	27/32	1-1/16	1-5/16

Pressure Range

TYPE OF FITTING	IDENTIFICATION	PRESSURE RANGE (Based on normal operating conditions and a Safety Factor of 4 to 1)
COMPRESSION	Double bevelled separate sleeve	Up to 750 psi. Use long nut when excessive vibration may be encountered. Not recommended on tin coated copper brazed steel tubing.
S.A.E. 45° FLARE	Tapered nose on connector	Up to 1200 psi. Use long nut for excessive vibration. For additional protection double flare tubing.
INVERTED FLARE	Raised cone inside connector	Up to 1200 psi. Can withstand more vibration than any other style of brass fitting. The standard nut is also available in steel which often proves advantageous where brass fittings are subject to frequent disassembly. For additional protection double flare tubing.
THREADED SLEEVE	Half sleeve machined into nut	Up to 200 psi. This type of fitting is not recommended where vibration is present even at low pressures.
PIPE	Threads are tapered having square cut ends with no inside or outside bevelling	Up to 1000 psi. Dryseal Pipe Threads make pressure tight joints possible without the use of a pipe sealer compound. Excessive tightening is a common fault. 2-1/2 to 3 full turns past 'handtight' is recommended.

AIR BRAKE COMPRESSION FITTINGS

With Insert for use with Nylon Air Brake Tubing

SLEEVE

PART NO.	TUBE SIZE
1460-4	1/4
1460-6	3/8
1460-8	1/2
1460-10	5/8
1460-12	3/4

NUT

PART NO.	TUBE SIZE
1461-4	1/4
1461-6	3/8
1461-8	1/2
1461-10	5/8
1461-12	3/4

UNION COUPLING

PART NO.	TUBE SIZE
1462-4	1/4
1462-6	3/8
1462-8	1/2
1462-10	5/8
1462-12	3/4

TEE TUBE THREE ENDS

PART NO.	TUBE SIZE
1464-4	1/4
1464-6	3/8
1464R-64	3/8 x 3/8 x 1/4
1464-8	1/2
1464-10	5/8
1464-12	3/4

90° ELBOW TUBE TO TUBE

PART NO.	TUBE SIZE
1465-4	1/4
1465-6	3/8
1465-8	1/2
1465-10	5/8
1465-12	3/4

CONNECTOR TUBE TO FEMALE PIPE

PART NO.	TUBE	PIPE
1466-4A	1/4	1/8
1466-4B	1/4	1/4
1466-6A	3/8	1/8
1466-6B	3/8	1/4
1466-6C	3/8	3/8
1466-8C	1/2	3/8
1466-8D	1/2	1/2
1466-10C	5/8	3/8
1466-10D	5/8	1/2
1466-12D	3/4	1/2
1466-12E	3/4	3/4

CONNECTOR NYLON TUBE TO COPPER TUBE

PART NO.	TUBE SIZE
1467-4 x 4	1/4 x 1/4
1467-6 x 6	3/8 x 3/8
1467-8 x 8	1/2 x 1/2

CONNECTOR TUBE TO MALE PIPE

PART NO.	TUBE	PIPE
1468-4/1	1/4	1/16
1468-4A	1/4	1/8
1468-4B	1/4	1/4
1468-4C	1/4	3/8
1468-6A	3/8	1/8
1468-6B	3/8	1/4
1468-6C	3/8	3/8
1468-6D	3/8	1/2
1468-8B	1/2	1/4
1468-8C	1/2	3/8
1468-8D	1/2	1/2
1468-8E	1/2	3/4
1468-10C	5/8	3/8
1468-10D	5/8	1/2
1468-10E	5/8	3/4
1468-12D	3/4	1/2
1468-12E	3/4	3/4

90° ELBOW TUBE TO MALE PIPE

PART NO.	TUBE	PIPE
1469-4A	1/4	1/8
1469-4B	1/4	1/4
1469-4C	1/4	3/8
1469-6A	3/8	1/8
1469-6B	3/8	1/4
1469-6C	3/8	3/8
1469-6D	3/8	1/2
1469-8B	1/2	1/4
1469-8C	1/2	3/8
1469-8D	1/2	1/2
1469-10C	5/8	3/8
1469-10D	5/8	1/2
1469-10E	5/8	3/4
1469-12D	3/4	1/2
1469-12E	3/4	3/4

90° ELBOW TUBE TO FEMALE PIPE

PART NO.	TUBE	PIPE
1470-4A	1/4	1/8
1470-4B	1/4	1/4
1470-6A	3/8	1/8
1470-6B	3/8	1/4
1470-6C	3/8	3/8
1470-8C	1/2	3/8
1470-8D	1/2	1/2
1470-10D	5/8	1/2

TEE ENDS TUBE & MALE PIPE CENTRE TUBE

PART NO.	TUBE	PIPE
1471-4A	1/4	1/8
1471-4B	1/4	1/4
1471-6B	3/8	1/4
1471-6C	3/8	3/8
1471-8C	1/2	3/8
1471-8D	1/2	1/2
1471-10D	5/8	1/2
1471-12D	3/4	1/2

TEE ENDS TUBE CENTRE MALE PIPE

PART NO.	TUBE	PIPE
1472-4A	1/4	1/8
1472-4B	1/4	1/4
1472-6A	3/8	1/8
1472-6B	3/8	1/4
1472-6C	3/8	3/8
1472-8C	1/2	3/8
1472-8D	1/2	1/2
1472-10D	5/8	1/2

45° ELBOW TUBE TO MALE PIPE

PART NO.	TUBE	PIPE
1474-4A	1/4	1/8
1474-4B	1/4	1/4
1474-6B	3/8	1/4
1474-6C	3/8	3/8
1474-8C	1/2	3/8
1474-8D	1/2	1/2
1474-10D	5/8	1/2

AIR BRAKE FITTINGS – D.O.T. SPEED FITTINGS

D.O.T. Speed fittings are used on highway, off-road vehicles in air brake, suspension, drive train control and auxiliary air systems. They are designed to meet the National Highway Traffic Safety Administration of the D.O.T. Federal Motor Vehicle Standard No. 106.

•Quick connect: Simply push tubing in, no tools, or loose parts to handle in tight places. Assembly time savings are up to 80% of conventional compression fittings. •Fluid: Compressed Air. •Maximum Inlet Pressure: 150 psi. •Temperature Range: -20°F to 200°F (-30°C to 93°C) •Applicable Standards: FMVSS106. •Tubing: Must conform to SAEJ844, Type A or B, and Code of Fed. Reg. 49, Part 571, Subpart 106. WARNING: •These products are intended for use in motor vehicle or industrial compressed air systems only. •For all air brake applications except those designed for use between frame and axle or between towed and towing vehicle.

UNION CONNECTORS

PART NO.	TUBE SIZE
PL-1362-25	5/32
PL-1362-4	1/4
PL-1362-6	3/8
PL-1362-8	1/2
PL-1362-10	5/8
PL-1362-12	3/4

UNION TEES

PART NO.	TUBE SIZE
PL-1364-4	1/4
PL-1364-6	3/8
PL-1364-8	1/2

UNION ELBOWS

PART NO.	TUBE SIZE
PL-1365-4	1/4
PL-1365-6	3/8
PL-1365-8	1/2

FEMALE CONNECTORS

PART NO.	TUBE	THREAD (F)
PL-1366-4A	1/4	1/8
PL-1366-4B	1/4	1/4
PL-1366-6B	3/8	1/4
PL-1366-6C	3/8	3/8
PL-1366-8C	1/2	3/8
PL-1366-8D	1/2	1/2

MALE CONNECTORS

PART NO.	TUBE	THREAD (M)
PL-1368-25A	5/32	1/8
PL-1368-4A	1/4	1/8
PL-1368-4B	1/4	1/4
PL-1368-4C	1/4	3/8
PL-1368-6A	3/8	1/8
PL-1368-6B	3/8	1/4
PL-1368-6C	3/8	3/8
PL-1368-6D	3/8	1/2
PL-1368-8B	1/2	1/4
PL-1368-8C	1/2	3/8
PL-1368-8D	1/2	1/2
PL-1368-10C	5/8	3/8
PL-1368-10D	5/8	1/2
PL-1368-12D	3/4	1/2
PL-1368-12E	3/4	3/4

SWIVEL MALE ELBOWS

PART NO.	TUBE	THREAD (M)
PL-1369-4A	1/4	1/8
PL-1369-4B	1/4	1/4
PL-1369-4C	1/4	3/8
PL-1369-6A	3/8	1/8
PL-1369-6B	3/8	1/4
PL-1369-6C	3/8	3/8
PL-1369-6D	3/8	1/2
PL-1369-8B	1/2	1/4
PL-1369-8C	1/2	3/8
PL-1369-8D	1/2	1/2
PL-1369-10C	5/8	3/8
PL-1369-10D	5/8	1/2

AIR BRAKE FITTINGS – D.O.T. SPEED FITTINGS

90° MALE ELBOWS

PART NO.	TUBE	THREAD (M)
PL-1315-4A	1/4	1/8
PL-1315-4B	1/4	1/4
PL-1315-4C	1/4	3/8
PL-1315-6B	3/8	1/4
PL-1315-6C	3/8	3/8
PL-1315-8B	1/2	1/4
PL-1315-8C	1/2	3/8
PL-1315-8D	1/2	1/2

FEMALE ELBOWS

PART NO.	TUBE	THREAD (F)
PL-1370-4A	1/4	1/8
PL-1370-4B	1/4	1/4
PL-1370-6B	3/8	1/4
PL-1370-6C	3/8	3/8
PL-1370-8D	1/2	1/2

SWIVEL MALE RUN TEE

PART NO.	TUBE	THREAD (M)
PL-1371-4A	1/4	1/8
PL-1371-4B	1/4	1/4
PL-1371-6B	3/8	1/4
PL-1371-6C	3/8	3/8
PL-1371-8C	1/2	3/8
PL-1371-8D	1/2	1/2

MALE SWIVEL BRANCH TEE

PART NO.	TUBE	THREAD (M)
PL-1372-4A	1/4	1/8
PL-1372-4B	1/4	1/4
PL-1372-6A	3/8	1/8
PL-1372-6B	3/8	1/4
PL-1372-6C	3/8	3/8
PL-1372-8B	1/2	1/4
PL-1372-8C	1/2	3/8
PL-1372-8D	1/2	1/2

SWIVEL MALE ELBOWS 45°

PART NO.	TUBE	THREAD (M)
PL-1374-4A	1/4	1/8
PL-1374-4B	1/4	1/4
PL-1374-6A	3/8	1/8
PL-1374-6B	3/8	1/4
PL-1374-6C	3/8	3/8
PL-1374-8B	1/2	1/4
PL-1374-8C	1/2	3/8
PL-1374-8D	1/2	1/2
PL-1374-10D	5/8	1/2

BULKHEAD UNIONS

PART NO.	TUBE SIZE
PL-1377-4	1/4
PL-1377-6	3/8
PL-1377-8	1/2
PL-1377-10	5/8

COMPRESSION FITTINGS FOR COPPER TUBING

SLEEVE

PART NO.	TUBE SIZE
1160-4	1/4
1160-6	3/8
1160-8	1/2
1160-10	5/8
1160-12	3/4

NUT

PART NO.	TUBE SIZE
1161-4	1/4
1161-6	3/8
1161-8	1/2
1161-10	5/8
1161-12	3/4

UNION COUPLING

PART NO.	TUBE SIZE
1162-4	1/4
1162-6	3/8
1162-8	1/2
1162-10	5/8
1162-12	3/4

TEE TUBE THREE ENDS

PART NO.	TUBE SIZE
1164-6	3/8

CONNECTOR TUBE TO FEMALE PIPE

PART NO.	TUBE	PIPE
1166-6A	3/8	1/8
1166-6B	3/8	1/4

CONNECTOR TUBE TO MALE PIPE

PART NO.	TUBE	PIPE
1168-4A	1/4	1/8
1168-4B	1/4	1/4
1168-6A	3/8	1/8
1168-6B	3/8	1/4
1168-6C	3/8	3/8
1168-8B	1/2	1/4
1168-8C	1/2	3/8
1168-8D	1/2	1/2
1168-10C	5/8	3/8
1168-10D	5/8	1/2

90° ELBOW TUBE TO MALE PIPE

PART NO.	TUBE	PIPE
1169-4A	1/4	1/8
1169-4B	1/4	1/4
1169-6A	3/8	1/8
1169-6B	3/8	1/4
1169-6C	3/8	3/8
1169-8B	1/2	1/4
1169-8C	1/2	3/8
1169-8D	1/2	1/2
1169-10C	5/8	3/8
1169-10D	5/8	1/2

TEE ENDS TUBE & PIPE CENTRE TUBE

PART NO.	TUBE	PIPE
1171-6B	3/8	1/4
1171-6C	3/8	3/8

TEE TUBE ENDS CENTRE PIPE

PART NO.	TUBE	PIPE
1172-6A	3/8	1/8
1172-6B	3/8	1/4
1172-6C	3/8	3/8

45° ELBOW

PART NO.	TUBE	PIPE
1174-6B	3/8	1/4

AIR BRAKE FITTINGS

Compression Fittings For Non-Metallic Tubing

INSERTS

PART NO.	TUBE SIZE
F63	5/32
F64	1/4
F65	5/16
F66	3/8
F68	1/2
F70	5/8
F72	3/4

TUBE FITTINGS

Precision Grip Fittings

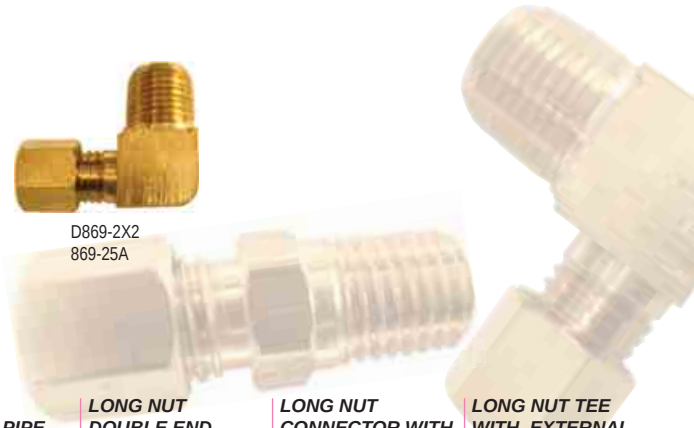
PART NO.	TUBE	PIPE
D860-2	1/8	-
D862-2	1/8	-
D868-2X1	1/8	1/16
D868-2X2	1/8	1/8
D869-2X2	1/8	1/8
860-25	5/32	-
862-25	5/32	-
868-25A	5/32	1/8
869-25A	5/32	1/8

D860-2
860-25

D862-2
862-25

D869-2X2
869-25A

D868-2X1
D868-2X2
868-25A



SLEEVE

PART NO.
660-2
660-3
660-4
660-5
660-6
660-7
660-8
660-10
660-12

STANDARD NUT

PART NO.
661-2
661-3
661-4
661-5
661-6
661-7
661-8
661-10
661-12

DOUBLE END UNION

PART NO.
662-2
662-3
662-4
662-5
662-6
662-7
662-8
662-10
662-12

DOUBLE END REDUCER UNION

PART NO.
662R-4x3
662R-5x4
662R-6x4
662R-6x5
662R-8x6

TEE WITH THREE TUBE ENDS

PART NO.
664-2
664-3
664-4
664-5
664-6
664-8
664-10

DOUBLE END ELBOW

PART NO.
665-3
665-4
665-5
665-6
665-8
665-10

CONNECTOR WITH INTERNAL PIPE THREAD

PART NO.
666-2A
666-3A
666-4A
666-4B
666-5A
666-5B
666-6A
666-6B
666-6C
666-6D
666-8C
666-8D
666-10D
666-12D

CONNECTOR WITH EXTERNAL PIPE THREAD

PART NO.
668-2A
668-3A
668-4A
668-4B
668-4C
668-4D
668-5A
668-5B
668-5C
668-5D
668-6A
668-6B
668-6C
668-6D
668-8B
668-8C
668-8D
668-8E
668-10C
668-10D
668-10E
668-12D
668-12E

ELBOW WITH EXTERNAL PIPE THREAD

PART NO.
669-2A
669-3A
669-4A
669-4B
669-4C
669-5A
669-5B
669-5C
669-6A
669-6B
669-6C
669-6D
669-8B
669-8C
669-8D
669-8E
669-10C
669-10D
669-12D
669-12E

ELBOW WITH INTERNAL PIPE THREAD

PART NO.
670-4A
670-4B
670-5A
670-5B
670-6B
670-6C
670-8C
670-8D

TEE WITH EXTERNAL PIPE THREAD ON RUN

PART NO.
671-3A
671-4A
671-4B
671-5A
671-6B
671-6C
671-8C
671-10D

TEE WITH EXTERNAL PIPE THREAD ON BRANCH

PART NO.
672-3A
672-4A
672-4B
672-5A
672-5B
672-6B
672-6C
672-8C
672-8D
672-10D
672-12D

45° ELBOW WITH EXTERNAL PIPE THREAD

PART NO.
674-4A
674-4B
674-5A
674-6B
674-8C
674-8D
674-10D

TEE THREAD ON RUN INTERNAL & EXTERNAL PIPE

PART NO.
676-3A
676-4A
676-4B
676-5A
676-6B

LONG NUT

PART NO.
6161-2
6161-3
6161-4
6161-5
6161-6
6161-8
6161-10
6161-12

LONG NUT DOUBLE END UNIONS

PART NO.
6162-2
6162-3
6162-4
6162-5
6162-6
6162-8
6162-10
6162-12

LONG NUT TEE WITH THREE TUBE ENDS

PART NO.
6164-3
6164-4
6164-5
6164-6
6164-8
6164-10

LONG NUT CONNECTOR WITH INTERNAL PIPE THREAD

PART NO.
6166-2A
6166-3A
6166-4A
6166-4B
6166-5A
6166-5B
6166-5C
6166-6A
6166-6B
6166-6C
6166-6D
6166-8C
6166-8D
6166-10D
6166-12D

LONG NUT CONNECTOR WITH EXTERNAL PIPE THREAD

PART NO.
6168-2A
6168-3A
6168-4A
6168-4B
6168-4C
6168-4D
6168-5A
6168-5B
6168-5C
6168-5D
6168-6A
6168-6B
6168-6C
6168-6D
6168-8B
6168-8C
6168-8D
6168-8E
6168-10C
6168-10D
6168-10E
6168-12D
6168-12E

LONG NUT ELBOW WITH EXTERNAL PIPE THREAD

PART NO.
6169-2A
6169-3A
6169-4A
6169-4B
6169-4C
6169-5A
6169-5B
6169-5C
6169-6A
6169-6B
6169-6C
6169-6D
6169-8B
6169-8C
6169-8D
6169-8E
6169-10C
6169-10D
6169-10E
6169-12D
6169-12E

LONG NUT TEE WITH EXTERNAL PIPE THREAD

PART NO.
6171-3A
6171-4A
6171-4B
6171-5A
6171-6B
6171-6C
6171-8C
6171-10D

LONG NUT TEE WITH EXTERNAL PIPE THREAD ON BRANCH

PART NO.
6172-3A
6172-4A
6172-4B
6172-5A
6172-5B
6172-6B
6172-6C
6172-8C
6172-8D
6172-10D
6172-12D

LONG NUT 45° ELBOW WITH EXTERNAL PIPE

PART NO.
6174-4A
6174-5A
6174-6B
6174-8C
6174-10D

Please consult page U1 for an explanation of the Numbering System.

TUBE FITTINGS

S.A.E. 45° Flare Tube Fittings

INTERNAL FLARE DOUBLE UNION

PART NO.
432-4
432-6
432-8

INTERNAL FLARE & EXTERNAL PIPE THREAD

PART NO.
433-4A
433-4B
433-6B
433-6C
433-8C

FORGED FLARE NUT - SHORT

PART NO.
440-4
440-5
440-6
440-8

FORGED FLARE NUT - LONG

PART NO.
441-2
441-3
441-4
441-5
441-6
441-8
441-10
441-12

ROD FLARE NUT - SHORT

PART NO.
441S-2
441S-3
441S-4
441S-5
441S-6
441S-8
441S-10
441S-12

EXTERNAL FLARE DOUBLE END UNION

PART NO.
442-2
442-3
442-4
442-5
442-6
442-8
442-10
442-12

EXTERNAL FLARE DOUBLE END UNION REDUCER

PART NO.
442R-5X4
442R-6X4
442R-6X5
442R-8X4
442R-8X6
442R-10X6
442R-10X8
442R-12X8
442R12X10

BALL CHECK EXTERNAL FLARE CONNECTOR WITH EXTERNAL PIPE THREAD

PART NO.
443-4A
443-5A
443-6B

EXTERNAL FLARE TEE TUBE THREE ENDS

PART NO.
444-2
444-3
444-4
444-5
444-6
444-8
444-10
444-12

EXTERNAL FLARE TEE REDUCER

PART NO.
444R-4X6
444R-6X4
444R-6X8
444R-8X6
444R-10X8

EXTERNAL FLARE TEE WITH EXTERNAL PIPE THREAD ON BRANCH

PART NO.
445-3A
445-4A
445-4B
445-5A
445-5B
445-6A
445-6B
445-6C
445-6D
445-8C
445-8D
445-10C
445-10D
445-12D
445-12E

EXTERNAL FLARE CONNECTOR WITH INTERNAL PIPE THREAD

PART NO.
446-3A
446-4A
446-4B
446-5A
446-5B
446-6A
446-6B
446-6C
446-6D
446-6E
446-8B
446-8C
446-8D
446-8E
446-10C
446-10D
446-10E
446-12D
446-12E

EXTERNAL FLARE & INTERNAL FLARE ADAPTER

PART NO.
447-6X4
447-4X5
447-4X6
447-8X6
447-6X8
447-10X8
447-6X10
447-8X10
447-12X10
447-10X12

Note: Male sizes listed first

EXTERNAL FLARE CONNECTOR WITH EXTERNAL PIPE THREAD

PART NO.
448-2A
448-3A
448-4A
448-4B
448-4C
448-4D
448-5A
448-5B
448-5C
448-6A
448-6B
448-6C
448-6D
448-6E
448-8B
448-8C
448-8D
448-8E
448-10C
448-10D
448-10E
448-12D
448-12E

EXTERNAL FLARE ELBOW WITH EXTERNAL PIPE THREAD

PART NO.
449-2A
449-3A
449-4A
449-4B
449-4C
449-4D
449-5A
449-5B
449-5C
449-6A
449-6B
449-6C
449-6D
449-6E
449-8B
449-8C
449-8D
449-8E
449-10C
449-10D
449-10E
449-12D
449-12E

EXTERNAL FLARE ELBOW WITH INTERNAL PIPE THREAD

PART NO.
450-4A
450-4B
450-5A
450-5B
450-6A
450-6B
450-6C
450-6D
450-6E
450-8C
450-8D
450-8E
450-10C
450-10D
450-10E

EXTERNAL FLARE TEE WITH EXTERNAL PIPE THREAD ON RUN

PART NO.
451-3A
451-4A
451-4B
451-5A
451-5B
451-6A
451-6B
451-6C
451-6D
451-8C
451-8D
451-10C
451-10D
451-12D
451-12E

EXTERNAL FLARE CROSS TUBE FOUR ENDS

PART NO.
452-4
452-5
452-6
452-8

EXTERNAL FLARE TEE WITH EXTERNAL & INTERNAL PIPE THREADS ON RUN

PART NO.
453-4A
453-4B

45° EXTERNAL FLARE ELBOW WITH EXTERNAL PIPE THREAD

PART NO.
454-4A
454-4B
454-5A
454-5B
454-6B
454-6C
454-8C
454-8D
454-10D
454-12D
454-12E

EXTERNAL FLARE ELBOW TUBE BOTH ENDS

PART NO.
455-4
455-5
455-6
455-8

EXTERNAL FLARE ELBOW REDUCER TUBE BOTH ENDS

PART NO.
455R-6 x 4
455R-8 x 6
455R-10 x 6
455R-10 x 8

SEALING CAP NUT FOR EXTERNAL FLARE END

PART NO.
456-4
456-5
456-6
456-8
456-10
456-12

SEALING PLUG FOR INTERNAL FLARE END

PART NO.
458-4
458-5
458-6
458-8
458-10

SWIVEL NUT CONNECTOR

PART NO.
US4-4
US4-5
US4-6
US4-8
US4-10
US4-12

Please consult page U1 for an explanation of the Numbering System.

TUBE FITTINGS

Inverted Flare Tube Fittings

INVERTED FLARE TUBE NUT

PART NO.
141-2
141-3
141-4
141-5
141-6
141-7
141-8
141-10
141-12

INVERTED FLARE NUT

PART NO.
141-3-7/16
141-3-1/2
141-3-9/16
141-4-1/2
141-4-9/16

STEEL NUT LONG STYLE

PART NO.
SL-141-3
SL-141-4

SEALING PLUG

PART NO.
PL-141-3
PL-141-4
PL-141-5
PL-141-6

INVERTED FLARE TUBE DOUBLE END UNION

PART NO.
142-2
142-3
142-4
142-5
142-6
142-8

INVERTED FLARE TUBE CONNECTOR WITH INTERNAL PIPE THREAD

PART NO.
146-3A
146-4A
146-5A
146-6B
146-8C

INVERTED FLARE TUBE CONNECTOR WITH EXTERNAL PIPE THREAD

PART NO.
148-2A
148-3A
148-4A
148-4B
148-5A
148-5B
148-6A
148-6B
148-6C
148-8B
148-8C
148-8D
148-10D
148-12E

INVERTED FLARE TUBE 90° ELBOW WITH EXTERNAL PIPE THREAD

PART NO.
149-2A
149-3A
149-4A
149-4B
149-5A
149-5B
149-6A
149-6B
149-6C
149-8B
149-8C
149-8D
149-10D
149-12E

INVERTED FLARE TUBE 45° ELBOW WITH EXTERNAL PIPE THREAD

PART NO.
150-4A
150-5A
150-6B
150-8C

INVERTED FLARE FEMALE X MALE ADAPTER

PART NO.
47W-3/16 x 1/4
47W-3/16 x 5/16
47W-1/4 x 3/16

Threaded Sleeve Tube Fittings

THREADED SLEEVE NUT

PART NO.
181-2
181-3
181-4
181-5
181-6
181-8
181-10

THREADED SLEEVE DOUBLE END UNION

PART NO.
182-2
182-4
182-5

THREADED SLEEVE CONNECTOR WITH EXTERNAL PIPE THREAD

PART NO.
188-2A
188-3A
188-4A
188-5A
188-5B
188-6B

THREADED SLEEVE ELBOW WITH EXTERNAL PIPE THREAD

PART NO.
189-2A
189-3A
189-4A
189-4B
189-5A
189-6A
189-6B

Please consult page U1 for an explanation of the Numbering System.

Brass Pipe Fittings

90° ELBOW

PART NO.
100-A
100-B
100-C
100-D
100-E

TEE

PART NO.
101-A
101-B
101-C
101-D
101-E

CROSS

PART NO.
102-A
102-B
102-C
102-D

COUPLING

PART NO.
103-A
103-B
103-C
103-D
103-E

UNION

PART NO.
104-A
104-B
104-C
104-D

45° ELBOW

PART NO.
105-A
105-B
105-C
105-D

MALE BRANCH TEE

PART NO.
106-A
106-B
106-C
106-D

CAP

PART NO.
108-A
108-B
108-C
108-D
108-E

SQUARE HEAD PLUG

PART NO.
109-A
109-B
109-C
109-D
109-E

BUSHING

PART NO.
110-BA
110-CA
110-CB
110-DA
110-DB
110-DC
110-EA
110-EB
110-EC
110-ED

LOCK NUT

PART NO.
111-A
111-B
111-C
111-D
111-E

CLOSE NIPPLE

PART NO.
112-A
112-B
112-C
112-D
112-E

90° STREET ELBOW

PART NO.
115-A
115-B
115-C
115-D
115-E

TUBE FITTINGS

Brass Pipe Fittings

LONG NIPPLE

PART NO.
113-A-1-1/2
113-A-2
113-A-2-1/2
113-A-3
113-B-1-1/2
113-B-2
113-B-2-1/2
113-B-3
113-C-1-1/2
113-C-2
113-C-2-1/2
113-C-3
113-D-1-1/2
113-D-2
113-D-2-1/2
113-D-3

SLOTTED HEAD PLUG

PART NO.
117-A
117-B
117-C

COUPLING REDUCER

PART NO.
119-BA
119-CA
119-CB
119-DB
119-DC
119-ED

ADAPTER

PART NO.
120-AA
120-BB
120-CC
120-DD

ADAPTER REDUCER

PART NO.
120-BA
120-CB
120-DC
120-ED

HEXAGON HEAD PLUG

PART NO.
121-A
121-B
121-C
121-D
121-E

HEXAGON NIPPLE

PART NO.
122-A
122-B
122-C
122-D
122-E

HEXAGON NIPPLE REDUCER

PART NO.
123-BA
123-CB
123-DC
123-ED

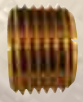
45° STREET ELBOW

PART NO.
124-A
124-B
124-C
124-D

TEE EXTERNAL & INTERNAL THREAD ON RUN

PART NO.
127-A
127-B
127-C
127-D

COUNTERSINK HEAD PLUG



PART NO.
129-A
129-B
129-C
129-D
129-E
129-F

DOUBLE END ELBOW WITH EXTERNAL PIPE THREAD

PART NO.
131-A
131-B
131-C
131-D

BRASS VALVES & SHUT OFFS

Valves

SELF-CLOSING FAUCET

3/4" pipe thread.

PART NO.
F-26

PART NO.
37C-A
37C-B

PART NO.
39C-B

PART NO.
40C-A
40C-B
40C-C
40C-D

PART NO.
41C-A
41C-B
41C-C
41C-D

Drain Cocks

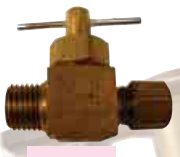
PART NO.
42C-A
42C-B
42C-C

PART NO.
45C-A
45C-B

Needle Valves

Needle Valves are designed to give trouble-free performance when used with water, gasoline, or oil. Manufactured from brass rod, and using steel handles, they can be relied upon for utmost dependability. The neoprene packing utilized in these valves is water, gasoline and oil resistant and will hold its resilience and elasticity indefinitely.

COMPRESSION



PART NO.
10V-3A
10V-4A
10V-4B
10V-5A
10V-6B

COMPRESSION

PART NO.
11V-3
11V-4
11V-5
11V-6

COMPRESSION ANGLE NEEDLE VALVE

PART NO.
12V-3A
12V-4A
12V-4B
12V-5A
12V-6A
12V-6B

STRAIGHTWAY NEEDLE VALVE WITH EXTERNAL PIPE THREAD

PART NO.
13V-A
13V-B

45° FLARE WITH EXTERNAL PIPE THREAD

PART NO.
14V-4A
14V-4B
14V-6B

45° FLARE

PART NO.
15V-4
15V-6

45° FLARE ANGLE

PART NO.
16V-4A
16V-5A
16V-5B
16V-6B

45° FLARE ANGLE WITH EXTERNAL & INTERNAL PIPE THREAD

PART NO.
17V-A
17V-B

45° FLARE ANGLE WITH INTERNAL PIPE THREAD

PART NO.
18V-A
18V-B

Please consult page U1 for an explanation of the Numbering System.

BRASS VALVES & SHUT OFFS

Spring Bottom Type Two Way Shut-Off Cocks

Spring bottom shut-off cocks are recommended for use on gasoline, air, and general service, up to 50 lbs. working pressure. They are not recommended for fuel oil as conditions usually make leakproof connections difficult to maintain.

COMPRESSION TUBE TO MALE PIPE

PART NO.
27C-4A
27C-4B
27C-5A
27C-5B
27C-6B
27C-6C

COMPRESSION TUBE TO TUBE

PART NO.
28C-4
28C-5
28C-6
28C-8

FLARED TUBE TO MALE PIPE

PART NO.
29C-4A
29C-4B
29C-5A
29C-5B
29C-6B
29C-6C
29C-8C
29C-10D

FLARED TUBE TO TUBE

PART NO.
30C-4
30C-5
30C-6
30C-8
30C-10

IRON PIPE THREAD DOUBLE FEMALE

PART NO.
31C-A
31C-B
31C-C

IRON PIPE THREAD MALE & FEMALE

PART NO.
48C-A
48C-B
48C-C

O-Ring Sealed – Solid Bottom Type Two Way Shut-off Cocks

PIPE THREAD FEMALE TO MALE

PART NO.
170C-A
170C-B
170C-C

PIPE THREAD DOUBLE MALE

PART NO.
171C-A
171C-B
171C-C

PIPE THREAD DOUBLE FEMALE

PART NO.
172C-A
172C-B
172C-C

COMPRESSION TUBE TO MALE PIPE

PART NO.
173C-4A
173C-4B
173C-6B
173C-6C

COMPRESSION TUBE TO TUBE

PART NO.
174C-4
174C-5
174C-6
174C-8

FLARED TUBE TO MALE PIPE

PART NO.
175C-4A
175C-4B
175C-5A
175C-5B
175C-6B
175C-6C
175C-6D
175C-8C

FLARED TUBE TO TUBE

PART NO.
176C-4
176C-5
176C-6
176C-8

FLARE TUBE TO TUBE

PART NO.	TUBE	W.O.G. P.S.I.
BV5042-6	3/8	175
BV5042-8	1/2	175
BV5042-10	5/8	175

C.G.A. certified to 1/2 p.s.i.

Please consult page U1 for an explanation of the Numbering System.

COPPER TUBING

Bright annealed copper. Sold by the foot, standard package quantities 25 ft. and 50 ft. Standard and heavy duty available. (Safety factor of 5)

PART NO.	DESCRIPTION	SAFE WORKING INTERNAL PRESSURE
CT-1/8	1/8" copper tubing, .032 wall	3180
CT-3/16	3/16" copper tubing, .032 wall	2120
CT-1/4	1/4" copper tubing, .032 wall	1580
CT-5/16	5/16" copper tubing, .032 wall	1260
CT-3/8	3/8" copper tubing, .032 wall	1060
CT-1/2	1/2" copper tubing, .032 wall	800
CT-5/8	5/8" copper tubing, .032 wall	640
CT-3/4	3/4" copper tubing, .032 wall	520
CTHD-1/2	1/2" heavy duty copper tubing, .049 wall	1220
CTHD-5/8	5/8" heavy duty copper tubing, .049 wall	980
CTHD-3/4	3/4" heavy duty copper tubing, .049 wall	820

STEEL TUBING

Sold in 25 ft. rolls.

Part No. ST-3/16, 3/16" steel tubing
Part No. ST-1/4, 1/4" steel tubing
Part No. ST-5/16, 5/16" steel tubing
Part No. ST-3/8, 3/8" steel tubing

BRASS HOSE FERRULES

PART NO.	I.D.
FBL-375	.375"
FBL-400	.4"
FBL-425	.425"
FBL-450	.45"
FBL-475	.475"
FBL-500	.5"
FBL-525	.525"
FBL-550	.55"
FBL-575	.575"
FBL-600	.6"

PART NO.	I.D.
FBL-625	.625"
FBL-650	.65"
FBL-675	.675"
FBL-700	.7"
FBL-725	.725"
FBL-750	.75"
FBL-775	.775"
FBL-800	.8"
FBL-825	.825"
FBL-850	.85"

PART NO.	I.D.
FBL-875	.875"
FBL-900	.9"
FBL-925	.925"
FBL-950	.95"
FBL-975	.975"
FBL-1000	1.0"
FBL-1025	1.025"
FBL-1050	1.050"
FBL-1075	1.075"
FBL-1100	1.1"

PART NO.	I.D.
FBL-1125	1.125"
FBL-1150	1.15"
FBL-1175	1.175"
FBL-1200	1.2"
FBL-1225	1.225"
FBL-1250	1.25"

GARDEN HOSE ADAPTERS & FITTINGS

COUPLING MALE HOSE TO MALE PIPE

PART NO.	PIPE SIZE
196-D	1/2
196-E	3/4

COUPLING MALE HOSE TO FEMALE PIPE

PART NO.	PIPE SIZE
197-D	1/2
197-E	3/4

COUPLING FEMALE HOSE TO FEMALE PIPE

PART NO.	PIPE SIZE
198-D	1/2
198-E	3/4

COUPLING FEMALE HOSE TO MALE PIPE

PART NO.	PIPE SIZE
199-D	1/2
199-E	3/4

SWIVEL COUPLING FEMALE HOSE TO FEMALE PIPE

PART NO.	PIPE SIZE
199S-D	1/2
199S-E	3/4

CAP NUT

PART NO.
200-W

"Y" COUPLING FEMALE HOSE TO MALE HOSE

PART NO.
202-W

SWIVEL NUT

PART NO.
203-W

CONNECTOR HOSE BARB MALE HOSE THREAD

PART NO.	I.D HOSE SIZE
193-6	3/8
193-8	1/2
193-10	5/8
193-12	3/4

SWIVEL CONNECTOR HOSE BARB TO FEMALE HOSE

PART NO.	I.D HOSE SIZE
195-6	3/8
195-8	1/2
195-10	5/8
195-12	3/4

GARDEN HOSE WASHER

PART NO.
GHW

GARDEN HOSE VALVE

PART NO.	PIPE SIZE
2008	1/2

WELDING FITTINGS

CONNECTORS

Welding Std. 9/16-18 Thrd.
1/4 pipe size.

Part No. 135RB, Right Hand to Male Pipe, R.H
Part No. 135LB, Left Hand to Male Pipe, R.H.

COUPLINGS

Welding Std. 9/16-18 Thrd.
Both Ends

Part No. 136-R, Right Hand
Part No. 136-L, Left Hand

NUTS

Welding Std. 9/16-18 Thrd.

Part No. 137-R, (Oxygen)
Part No. 137-L, (Acetylene)

HOSE BARB

For use with No. 137 Nuts Only

Part No. 138-3, 3/16 pipe size
Part No. 138-4, 1/4 pipe size
Part No. 138-5, 5/16 pipe size
Part No. 138-6, 3/8 pipe size

POL NUTS & STEMS

For use with No. 137 Nuts Only

Part No. 1601, POL nut
Part No. 1605, POL stem - 1/4" NPT
Part No. 1606, POL stem - 9/16"-18 LH

WELDING STANDARD

To Male Pipe Thread

Part No. 853-L, 9/16-18 L.H., 1/4 pipe

BRASS HOSE BARB FITTINGS

COUPLER HOSE (BARB) TO MALE PIPE

PART NO.	HOSE I.D x PIPE
125-2A	1/8 x 1/8
125-2B	1/8 x 1/4
125-3A	3/16 x 1/8
125-3B	3/16 x 1/4
125-4A	1/4 x 1/8
125-4B	1/4 x 1/4
125-4C	1/4 x 3/8
125-5A	5/16 x 1/8
125-5B	5/16 x 1/4
125-5C	5/16 x 3/8
125-6A	3/8 x 1/8
125-6B	3/8 x 1/4
125-6C	3/8 x 3/8
125-6D	3/8 x 1/2
125-8B	1/2 x 1/4
125-8C	1/2 x 3/8
125-8D	1/2 x 1/2
125-8E	1/2 x 3/4
125-10C	5/8 x 3/8
125-10D	5/8 x 1/2
125-10E	5/8 x 3/4
125-12D	3/4 x 1/2
125-12E	3/4 x 3/4
125-16E	1 x 3/4
125-16H	1 x 1

COUPLER HOSE (BARB) TO FEMALE PIPE

PART NO.	HOSE I.D x PIPE
126-2A	1/8 x 1/8
126-2B	1/8 x 1/4
126-3A	3/16 x 1/8
126-3B	3/16 x 1/4
126-4A	1/4 x 1/8
126-4B	1/4 x 1/4
126-4C	1/4 x 3/8
126-5A	5/16 x 1/8
126-5B	5/16 x 1/4
126-5C	5/16 x 3/8
126-6A	3/8 x 1/8
126-6B	3/8 x 1/4
126-6C	3/8 x 3/8
126-6D	3/8 x 1/2
126-8B	1/2 x 1/4
126-8C	1/2 x 3/8
126-8D	1/2 x 1/2

COUPLER HOSE (BARB) TO FEMALE S.A.E. FLARE (SWIVEL - 2 PCE.)

PART NO.	HOSE I.D x S.A.E.
128-3x4	3/16 x 1/4
128-4x4	1/4 x 1/4
128-4x5	1/4 x 5/16
128-4x6	1/4 x 3/8
128-5x5	5/16 x 5/16
128-5x6	5/16 x 3/8
128-6x6	3/8 x 3/8
128-6x8	3/8 x 1/2
128-8x8	1/2 x 1/2
128-8x10	1/2 x 5/8

SPLICER HEX SHOULDER

PART NO.	HOSE I.D.
129-3	3/16
129-4	1/4
129-5	5/16
129-6	3/8
129-8	1/2
129-10	5/8
129-12	3/4

90° ELBOW UNION

PART NO.	HOSE I.D.
99HB-4	1/4
99HB-5	5/16
99HB-6	3/8
99HB-8	1/2

TEE UNION

PART NO.	HOSE I.D.
123-4	1/4
123-5	5/16
123-6	3/8

ELBOW 90° HOSE (BARB) TO MALE PIPE

PART NO.	HOSE I.D.
139-3A	3/16 x 1/8
139-4A	1/4 x 1/8
139-4B	1/4 x 1/4
139-4C	1/4 x 3/8
139-5A	5/16 x 1/8
139-5B	5/16 x 1/4
139-5C	5/16 x 3/8
139-6A	3/8 x 1/8
139-6B	3/8 x 1/4
139-6C	3/8 x 3/8
139-6D	3/8 x 1/2
139-8B	1/2 x 1/4
139-8C	1/2 x 3/8
139-10C	5/8 x 3/8
139-10D	5/8 x 1/2

ELBOW 45° HOSE (BARB) TO MALE PIPE

PART NO.	HOSE I.D.
140-4A	1/4 x 1/8
140-4B	1/4 x 1/4
140-5A	5/16 x 1/8
140-6A	3/8 x 1/8
140-6B	3/8 x 1/4
140-6C	3/8 x 3/8
140-8C	1/2 x 3/8
140-10C	5/8 x 3/8

PAR-BARB FITTINGS

Specifications: PAR-BARB fittings are precision injection molded from high strength, chemically inert, engineering thermoplastics. These compact, economical, easy to use fittings are of a barbed design chosen to allow a high degree of holding power in combination with small size and light weight. (The use of a Le-Hi worm-drive or Super Strap clamps is recommended in all applications.) (Applications include plumbing systems in travel trailers and motor homes, irrigations, instrumentation, reverse osmosis and deionized water systems.) Working Pressure: PAR-BARB fittings are generally used in systems where pressures do not exceed 125 psi. Approvals: PAR-BARB fittings have the approval of the NSF, (National Sanitation Foundation) for use with liquids for human consumption, and are made of F.D.A. listed materials. White Nylon: Natural Nylon resin, specifically formulated for toughness, and resistance to physical stress and abrasion. With U-V inhibitors.

UNION CONNECTOR

PART NO.	HOSE I.D.
LN2UCB2	1/8
LN3UCB3	3/16
LN4UCB4	1/4
LN5UCB5	5/16
LN6UCB6	3/8
LN8UCB8	1/2
LN10UCB10	5/8

TEE UNION

PART NO.	HOSE I.D.
LN2TUB2	1/8
LN3TUB3	3/16
LN4TUB4	1/4
LN5TUB5	5/16
LN6TUB6	3/8
LN8TUB8	1/2
LN10TUB10	5/8

ELBOW UNION

PART NO.	HOSE I.D.
LN4EUB4	1/4
LN6EUB6	3/8
LN8EUB8	1/2
LN10EUB10	5/8

MALE CONNECTOR

PART NO.	HOSE I.D. x MALE PIPE
LN3MCB2	3/16 x 1/8
LN4MCB4	1/4 x 1/4
LN4MCB6	1/4 x 3/8
LN5MCB2	5/16 x 1/8
LN6MCB2	3/8 x 1/8
LN6MCB4	3/8 x 1/4
LN6MCB6	3/8 x 3/8
LN6MCB8	3/8 x 1/2
LN8MCB4	1/2 x 1/4
LN8MCB6	1/2 x 3/8
LN8MCB8	1/2 x 1/2
LN8MCB12	1/2 x 3/4
LN10MCB6	5/8 x 3/8
LN10MCB8	5/8 x 1/2
LN10MCB12	5/8 x 3/4
LN12MCB8	3/4 x 1/2
LN12MCB12	3/4 x 3/4

MALE ELBOW

PART NO.	HOSE I.D. x MALE PIPE
LN4MEB2	1/4 x 1/8
LN4MEB4	1/4 x 1/4
LN4MEB6	1/4 x 3/8
LN6MEB2	3/8 x 1/8
LN6MEB4	3/8 x 1/4
LN6MEB6	3/8 x 3/8
LN6MEB8	3/8 x 1/2
LN8MEB4	1/2 x 1/4
LN8MEB6	1/2 x 3/8
LN8MEB8	1/2 x 1/2
LN8MEB12	1/2 x 3/4
LN10MEB6	5/8 x 3/8
LN10MEB8	5/8 x 1/2
LN10MEB12	5/8 x 3/4
LN12MEB8	3/4 x 1/2

MALLEABLE IRON FITTINGS

90° ELBOW
Sizes: 1/8" to 6"
Part No. 90L - ___

90° STREET ELBOW
Sizes: 1/8" to 4"
Part No. 90STL - ___

45° STREET ELBOW
Sizes: 1/8" to 2"
Part No. 45STL - ___

Size Suffix Legend
- Add the size suffix(es) for your desired size to complete the part number.

012 = 1/8"	050 = 1/2"	125 = 1¼"	250 = 2½"	600 = 6"
025 = 1/4"	075 = 3/4"	150 = 1½"	300 = 3"	
038 = 3/8"	100 = 1"	200 = 2"	400 = 4"	

REDUCING TEE
Sizes: 3/8" to 2"
Part No. RTEE - ___ - ___ - ___
(1) (2) (3)

90° REDUCING ELBOW
Sizes: 1/4" to 4"
Part No. 90RL - ___ - ___
(1) (2)

45° ELBOW
Sizes: 1/8" to 6"
Part No. 45L - ___

TEE
Sizes: 1/8" to 6"
Part No. TEE - ___

CROSS
Sizes: 3/8" to 4"
Part No. CROSS - ___

WROUGHT IRON COUPLING
Sizes: 1/8" to 6"
Can be welded
Part No. WICOUP - ___

HALF COUPLING
Sizes: 1/8" to 6"
Can be welded
Part No. HCOUP - ___

MALLEABLE COUPLING
Sizes: 1/8" to 4"
Part No. MALCOUP - ___

REDUCING COUPLING
Sizes: 1/4" to 4"
Part No. RCOUP - ___ - ___
(1) (2)

GROUND JOINT UNION
Sizes: 1/8" to 4"
Part No. GJUN - ___

SQUARE HEAD PLUG
Sizes: 1/8" to 6"
Part No. PLUG - ___

COUNTERSUNK PLUG
Sizes: 3/8" to 2"
Part No. CSPLUG - ___

CAP
Sizes: 1/8" to 6"
Part No. CAP - ___

BUSHING
Sizes: 1/4" to 6"
Part No. BUSH - ___ - ___
(1) (2)

FORGED STEEL FITTINGS

2000 LB. 90° ELBOW
Sizes: 1/4" to 3"
Part No. 2M90L - ___

3000 LB. 90° ELBOW
Sizes: 1/8" to 4"
Part No. 3M90L - ___

3000 LB. 90° STREET ELBOW
Sizes: 1/8" to 2"
Part No. 3M90STL - ___

Size Suffix Legend
- Add the size suffix(es) for your desired size to complete the part number.

012 = 1/8"	050 = 1/2"	125 = 1¼"	250 = 2½"	600 = 6"
025 = 1/4"	075 = 3/4"	150 = 1½"	300 = 3"	
038 = 3/8"	100 = 1"	200 = 2"	400 = 4"	

2000 LB. 45° ELBOW
Sizes: 1/4" to 3"
Part No. 2M45L - ___

3000 LB. 45° ELBOW
Sizes: 1/8" to 4"
Part No. 3M45L - ___

2000 LB. TEE
Sizes: 1/4" to 3"
Part No. 2MTEE - ___

3000 LB. TEE
Sizes: 1/8" to 4"
Part No. 3MTEE - ___

3000 LB. COUPLING
Sizes: 1/8" to 4"
Part No. 3MCOUP - ___

3000 LB. UNION
Sizes: 1/4" to 3"
Part No. 3MUNION - ___

STEEL COUNTERSUNK PLUG
Sizes: 1/8" to 2"
Part No. FSCSPLUG - ___

STEEL HEX PLUG
Sizes: 1/8" to 4"
Part No. FSHXPLUG - ___

STEEL CAP
Sizes: 1/8" to 4"
Part No. FSCAP - ___

STEEL BUSHING
Sizes: 1/4" to 4"
Part No. FSBUSH - ___ - ___

STEEL PIPE NIPPLES

Standard Welded Black Ready-Cut Pipe Nipples (Schedule 40)

Size Suffix Legend

- Add the size suffix for your desired size to complete the part number.

1200 = 12”	2400 = 24”	3600 = 36”	6000 = 60”
1800 = 18”	3000 = 30”	4800 = 48”	

PART NO.	DESCRIPTION	AVAILABLE LENGTHS
STNIP-012-_ _ _	1/8” NPT Standard Welded	12”, 18”, 24”, 30”, 36”, 48”, 60”
STNIP-025-_ _ _	1/4” NPT Standard Welded	12”, 18”, 24”, 30”, 36”, 48”, 60”
STNIP-038-_ _ _	3/8” NPT Standard Welded	12”, 18”, 24”, 30”, 36”, 48”, 60”
STNIP-050-_ _ _	1/2” NPT Standard Welded	12”, 18”, 24”, 30”, 36”, 48”, 60”
STNIP-075-_ _ _	3/4” NPT Standard Welded	12”, 18”, 24”, 30”, 36”, 48”, 60”
STNIP-100-_ _ _	1” NPT Standard Welded	12”, 18”, 24”, 30”, 36”, 48”, 60”
STNIP-125-_ _ _	1¼” NPT Standard Welded	12”, 18”, 24”, 30”, 36”, 48”, 60”
STNIP-150-_ _ _	1½” NPT Standard Welded	12”, 18”, 24”, 30”, 36”, 48”, 60”
STNIP-200-_ _ _	2” NPT Standard Welded	12”, 18”, 24”, 30”, 36”, 48”, 60”

Size Suffix Legend

- Add the size suffix for your desired size to complete the part number.

CL = Close	250 = 2½”	400 = 4”	550 = 5½”
150 = 1½”	300 = 3”	450 = 4½”	600 = 6”
200 = 2”	350 = 3½”	500 = 5”	

Standard Welded Black Pipe Nipples (Schedule 40)

PART NO.	DESCRIPTION	AVAILABLE LENGTHS
STNIP-012-_ _ _	1/8” NPT Standard Welded	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
STNIP-025-_ _ _	1/4” NPT Standard Welded	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
STNIP-038-_ _ _	3/8” NPT Standard Welded	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
STNIP-050-_ _ _	1/2” NPT Standard Welded	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
STNIP-075-_ _ _	3/4” NPT Standard Welded	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
STNIP-100-_ _ _	1” NPT Standard Welded	Close, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
STNIP-125-_ _ _	1¼” NPT Standard Welded	Close, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
STNIP-150-_ _ _	1½” NPT Standard Welded	Close, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
STNIP-200-_ _ _	2” NPT Standard Welded	Close, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
STNIP-250-_ _ _	2½” NPT Standard Welded	Close, 3, 3½”, 4”, 4½”, 5”, 5½”, 6”
STNIP-300-_ _ _	3” NPT Standard Welded	Close, 3, 3½”, 4”, 4½”, 5”, 5½”, 6”
STNIP-400-_ _ _	4” NPT Standard Welded	Close, 3½”, 4”, 4½”, 5”, 5½”, 6”
STNIP-600-_ _ _	6” NPT Standard Welded	Close, 6”

Extra Heavy Welded Black Pipe Nipples (Schedule 80)

PART NO.	DESCRIPTION	AVAILABLE LENGTHS
XHNIP-012-_ _ _	1/8” NPT Extra Heavy Welded	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
XHNIP-025-_ _ _	1/4” NPT Extra Heavy Welded	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
XHNIP-038-_ _ _	3/8” NPT Extra Heavy Welded	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
XHNIP-050-_ _ _	1/2” NPT Extra Heavy Welded	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
XHNIP-075-_ _ _	3/4” NPT Extra Heavy Welded	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
XHNIP-100-_ _ _	1” NPT Extra Heavy Welded	Close, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
XHNIP-125-_ _ _	1¼” NPT Extra Heavy Welded	Close, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
XHNIP-150-_ _ _	1½” NPT Extra Heavy Welded	Close, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
XHNIP-200-_ _ _	2” NPT Extra Heavy Welded	Close, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
XHNIP-250-_ _ _	2½” NPT Extra Heavy Welded	Close, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
XHNIP-300-_ _ _	3” NPT Extra Heavy Welded	Close, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
XHNIP-400-_ _ _	4” NPT Extra Heavy Welded	Close, 3½”, 4”, 4½”, 5”, 5½”, 6”
XHNIP-600-_ _ _	6” NPT Extra Heavy Welded	Close, 6”

Extra Heavy Seamless Black Pipe Nipples (Schedule 80 Seamless A106b)

PART NO.	DESCRIPTION	AVAILABLE LENGTHS
ESNIP-012-_ _ _	1/8” NPT Extra Heavy Seamless	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
ESNIP-025-_ _ _	1/4” NPT Extra Heavy Seamless	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
ESNIP-038-_ _ _	3/8” NPT Extra Heavy Seamless	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
ESNIP-050-_ _ _	1/2” NPT Extra Heavy Seamless	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
ESNIP-075-_ _ _	3/4” NPT Extra Heavy Seamless	Close, 1½”, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
ESNIP-100-_ _ _	1” NPT Extra Heavy Seamless	Close, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
ESNIP-125-_ _ _	1¼” NPT Extra Heavy Seamless	Close, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
ESNIP-150-_ _ _	1½” NPT Extra Heavy Seamless	Close, 2”, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”
ESNIP-200-_ _ _	2” NPT Extra Heavy Seamless	Close, 2½”, 3”, 3½”, 4”, 4½”, 5”, 5½”, 6”

STEEL BULL PLUGS & SWAGED NIPPLES

BULL PLUGS - EXTRA HEAVY (SCHEDULE 80)

PART NO.
BP-3/8”
BP-1/2”
BP-3/4”
BP-1”
BP-1-1/4”
BP-1-1/2”
BP-2”

SWAGED NIPPLES - EXTRA HEAVY (SCHEDULE 80)

PART NO.
SN-1-1/4 x 1
SN-1-1/2 x 1
SN-1-1/2 x 1-1/4
SN-2 x 1
SN-2 x 1-1/4
SN-2 x 1-1/2
SN-2-1/2 x 2
SN-3 x 2
SN-3 x 2-1/2
SN-4 x 2
SN-4 x 3

BUYERS PRODUCTS

Weld Flanges

ALUMINUM

PART NO.	SIZE
FA025	1/4”
FA038	3/8”
FA050	1/2”
FA075	3/4”
FA100	1”
FA125	1¼”
FA150	1½”
FA200	2”

STEEL

PART NO.	SIZE
FS012	1/8”
FS025	1/4”
FS038	3/8”
FS050	1/2”
FS075	3/4”
FS100	1”
FS125	1¼”
FS150	1½”
FS200	2”

STAINLESS STEEL

PART NO.	SIZE
FSSW025	1/4”
FSSW038	3/8”
FSSW050	1/2”
FSSW075	3/4”
FSSW100	1”
FSSW125	1¼”
FSSW150	1½”

FORGED STEEL

PART NO.	SIZE
FDF012	1/8”
FDF025	1/4”
FDF038	3/8”
FDF050	1/2”
FDF075	3/4”
FDF100	1”
FDF125	1¼”
FDF150	1½”
FDF200	2”
FDF250	2½”
FDF300	3”
FDF400	4”

WELD FITTINGS

Size Suffix Legend

- Add the size suffix for your desired size to complete the part number.

025 = 1/4”	075 = 3/4”	150 = 1½”	300 = 3”
038 = 3/8”	100 = 1”	200 =2”	400 = 4”
050 = 1/2”	125 =1¼”	250 = 2½”	

90° LONG RADIUS WELD ELBOW

Sizes: 1/2” to 4”
Part No. 90LRWL - ___

90° SHORT RADIUS WELD ELBOW

Sizes: 1” to 4”
Part No. 90SRWL - ___

45° LONG RADIUS WELD ELBOW

Sizes: 1/2” to 4”
Part No. 45LRWL - ___

WELD TEE

Sizes: 1/2” to 4”
Part No. WELDTEE - ___

WELD CAP

Sizes: 3/4” to 4”
Part No. WELDCAP - ___

WELD IN THREADED FLANGE

Sizes: 1/4” to 4”
Part No. WIFL - ___

SOCKET PIPE PLUGS

Part No. 247-002, 1/8” NPT Socket Pipe Plug - 25/pkg.
Part No. 247-003, 1/4” NPT Socket Pipe Plug - 25/pkg.
Part No. 247-004, 3/8” NPT Socket Pipe Plug - 25/pkg.
Part No. 247-005, 1/2” NPT Socket Pipe Plug - 25/pkg.

HAMMER UNIONS

FIGURE 100 HAMMER UNIONS

•1000 PSI working pressure tested at 1500 PSI. Used on manifold and line connections. Economical low pressure union.

PART NO.	SIZE
100-200	2”
100-250	2½”
100-300	3”
100-400	4”
100-600	6”
100-800	8”

FIGURE 200 HAMMER UNIONS

•2000 PSI working pressure tested at 3000 PSI. Used on general service manifolds and lines. Economical, general purpose union.

PART NO.	SIZE
200-100	1”
200-125	1¼”
200-150	1½”
200-200	2”
200-300	3”
200-400	4”

GENERAL PURPOSE VALVES

BRASS GATE VALVES - 125 LB.

PART NO.	SIZE
100-001	1/4”
100-002	3/8”
100-003	1/2”
100-004	3/4”
100-005	1”
100-006	1¼”
100-007	1½”
100-008	2”
100-009	2½”
100-010	3”
100-011	4”

BRASS BALL VALVES FULL PORT - 600 LB. & 400 LB.

PART NO.	SIZE
FBV-25*	1/4”
FBV-38*	3/8”
FBV-50*	1/2”
FBV-75*	3/4”
FBV-100*	1”
FBV-125*	1¼”
FBV-150*	1½”
FBV-200*	2”
FBV-250†	2½”
FBV-300†	3”
FBV-400†	4”

*= 600 lb.
†= 400 lb.

HIGH PRESSURE BALL VALVES - 2000 LB.

PART NO.	SIZE
CSSDR-1-1/4	1/4”
CSSDR-1-3/8	3/8”
CSSDR-1-1/2	1/2”
CSSDR-1-3/4	3/4”
CSSDR-1-1	1”
CSSDR-1-1-1/4	1¼”
CSSDR-1-1-1/2	1½”
CSSDR-1-2	2”

STAINLESS STEEL BALL VALVES W/ LOCKING DEVICE - 800 LB. - Made of 316 stainless steel

PART NO.	SIZE
1G-1/4	1/4”
1G-3/8	3/8”
1G-1/2	1/2”
1G-3/4	3/4”
1G-1	1”
1G-1-1/4	1¼”
1G-1-1/2	1½”
1G-2	2”

STAINLESS STEEL BALL VALVES FULL PORT W/ LOCKING DEVICE - 2000LB. - Made of 316 stainless steel

PART NO.	SIZE
2G-1/4	1/4”
2G-3/8	3/8”
2G-1/2	1/2”
2G-3/4	3/4”
2G-1	1”
2G-1-1/4	1¼”
2G-1-1/2	1½”
2G-2	2”
2G-2-1/2	2½”
2G-3	3”

SWING CHECK VALVES

PART NO.	SIZE
SCV-50	1/2”
SCV-75	3/4”
SCV-100	1”
SCV-125	1¼”
SCV-150	1½”
SCV-200	2”
SCV-300	3”

MINI BALL VALVE - Forged brass construction body, chrome plated ball. Red cast “T” handle, Teflon packing and ball seat. 200 W.O.G. (Cold water, oil, gas).

PART NO.	SIZE
MINI-BV-1/8	1/8”
MINI-BV-1/4	1/4”

TWO-WAY BALL VALVES - Three Port, Max Working Pressure = “400 WOG”

PART NO.	SIZE
2005-4X3	1/4” female NPTF
2005-6X3	3/8” female NPTF
2005-8X3	1/2” female NPTF

INLINE CHECK VALVES - 200 LB.

PART NO.	SIZE
MAS700-3/8	3/8”
MAS700-1/2	1/2”
MAS700-3/4	3/4”
MAS700-1	1”
MAS700-1-1/4	1¼”
MAS700-1-1/2	1½”
MAS700-2	2”
MAS700-2-1/2	2½”
MAS700-3	3”
MAS700-4	4”

NEO

General Purpose Valves

562 GLOBE VALVE - 250 LB.

PART NO.	SIZE
562-1/4	1/4”
562-1/2	1/2”
562-3/4	3/4”
562-1	1”
562-1-1/4	1¼”
562-1-1/2	1½”
562-2	2”

220 ECONOMY GATE VALVE - 200 LB.

PART NO.	TUBE	REPL. HANDLE PART NO.
220-1/4	1/4”	HAN220-1/4
220-3/8	3/8”	HAN220-1/4
220-1/2	1/2”	HAN220-1/4
220-3/4	3/4”	HAN220-1/4
220-1	1”	HAN220-1
220-1-1/4	1¼”	HAN220-1-1/4
220-1-1/2	1½”	HAN220-1-1/2
220-2	2”	HAN220-2
220-2-1/2	2½”	HAN220-2-1/2
220-3	3”	HAN220-3
220-4	4”	HAN220-4

GAS BALL VALVES - FLAT HEAD

PART NO.	SIZE
460/F-1/2	1/2”
460/F-3/4	3/4”

NEO
General Purpose Valves

GAS BALL VALVES - LEVER HANDLE

PART NO.	SIZE
460/L-1/2	1/2"
460/L-3/4	3/4"

3080 SWING CHECK VALVES - 200 LB.

PART NO.	SIZE
3080-3/8	3/8"
3080-1/2	1/2"
3080-3/4	3/4"
3080-1	1"
3080-1-1/4	1¼"
3080-1-1/2	1½"
3080-2	2"
3080-2-1/2	2½"
3080-3	3"

3380 BALL VALVE - 450 LB.

PART NO.	SIZE	REPL. HANDLE PART NO.	REPL. STEM PART NO.	REPL. PACKING PART NO.
3380-1/4	1/4"	HAN3380-1/4	STM3380-1/4	PACK3380-1/4
3380-3/8	3/8"	HAN3380-3/8	STM3380-3/8	PACK3380-3/8
3380-1/2	1/2"	HAN3380-3/8	STM3380-3/8	PACK3380-1/2
3380-3/4	3/4"	HAN3380-3/4	STM3380-3/4	PACK3380-3/4
3380-1	1"	HAN3380-1	STM3380-1	PACK3380-1
3380-1-1/4	1¼"	HAN3380-1	STM3380-1	PACK3380-1-1/4
3380-1-1/2	1½"	HAN3380-1-1/2	STM3380-1-1/2	PACK3380-1-1/2
3380-2	2"	HAN3380-1-1/2	STM3380-2	PACK3380-2
-	2½"	HAN3380-2-1/2	STM3380-2-1/2	PACK3380-2-1/2
-	3"	HAN3380-3	STM3380-3	PACK3380-3

100 LEVER GATE VALVE - 100 LB.

PART NO.	SIZE	REPL. HANDLE PART NO.	REPL. STEM PART NO.
100-2	2"	HAN100-2	STM100-2
100-3	3"	HAN100-3	STM100-3
100-4	4"	HAN100-4	STM100-4

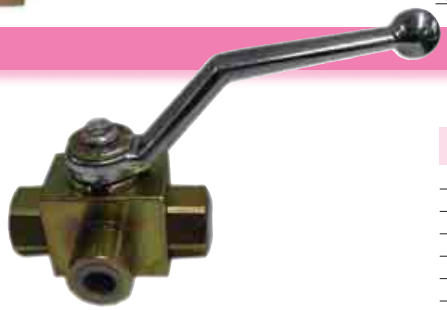
High Pressure Valves

BALL VALVES W/ BLOCK FORM BODIES

•Block form bodies •Body material (steel) spec. equal to ASTM A108 Grade 1213 •Steel, hard chrome plated ball seals •Delrin ball seals •Perbunan spindle seals

PART NO.	SIZE	WORKING PRESSURE
3400-1/4	1/4"	7500
3400-3/8	3/8"	7500
3400-1/2	1/2"	7500
3400-3/4	3/4"	4800
3400-1	1"	4800

BUYERS PRODUCTS
3-Way Ball Valves



PART NO.	SIZE	WORKING PRESSURE
HBV3W025	1/4"	4500
HBV3W038	3/8"	4500
HBV3W050	1/2"	4500
HBV3W075	3/4"	3750
HBV3W100	1"	3750
HBV3W125	1¼"	3750

REGO
High Pressure Needle Valves

MFG-2004T

Part No. FFG-2002T, 1/4" NPT 10,000 lb. bar stock valve - female/female.
Part No. FFG-2003T, 3/8" NPT 10,000 lb. bar stock valve - female/female.
Part No. FFG-2004T, 1/2" NPT 10,000 lb. bar stock valve - female/female.
Part No. FFG-2006T, 3/4" NPT 10,000 lb. bar stock valve - female/female.
Part No. FFG-2008TA, 1" NPT 10,000 lb. bar stock valve - female/female.
Part No. MFG-2002T, 1/4" NPT 10,000 lb. bar stock valve - male/female.
Part No. MFG-2004T, 1/2" NPT 10,000 lb. bar stock valve - male/female.
Part No. FFA-2002T, 1/4" NPT 10,000 lb. bar stock valve - female/female - 90° angle.
Part No. FFA-2004T, 1/2" NPT 10,000 lb. bar stock valve - female/female - 90° angle.
Part No. MFA-2002T, 1/4" NPT 10,000 lb. bar stock valve - male/female - 90° angle.
Part No. MFA-2004T, 1/2" NPT 10,000 lb. bar stock valve - male/female - 90° angle.
Part No. FFG-2002-SS6T, 1/4" NPT 10,000 lb. stainless steel bar stock valve - female/female.

VALVES
Oil/Molasses Gate & Foot Valves

OIL & MOLASSES GATE VALVES

PART NO.	SIZE
71-3/4	3/4"
72-1	1"
73-1-1/4	1¼"
74-1-1/2	1½"
75-2	2"

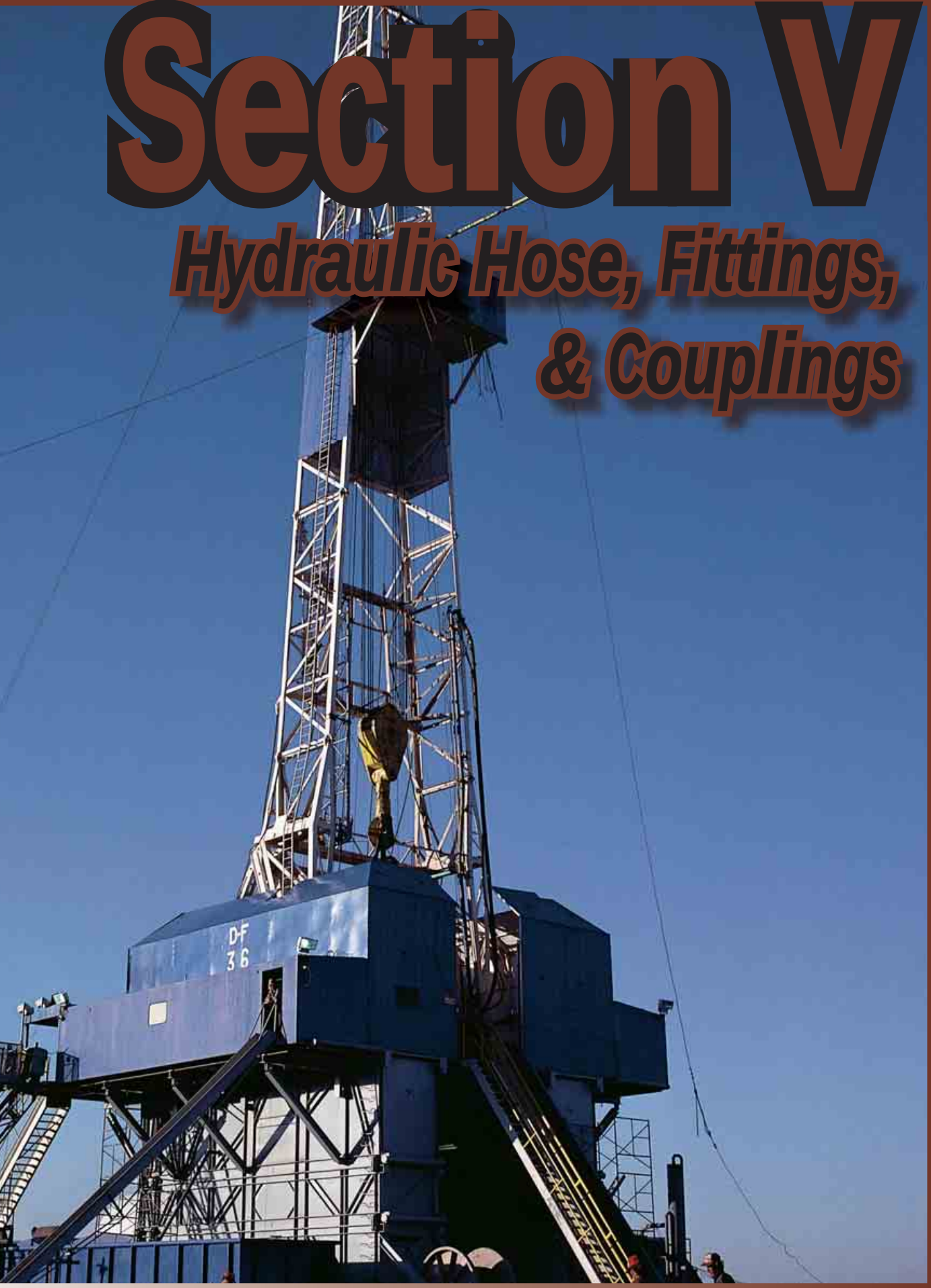
IRON BODY FOOT VALVE W/ LEATHER FLAPPER

PART NO.	SIZE
540-1-1/4	1¼"
540-1-1/2	1½"
540-2	2"
540-2-1/2	2½"
540-3	3"
540-4	4"
540-6	6"

Serving You For 40 Years!

Section V

Hydraulic Hose, Fittings, & Couplings



CELEBRATING 40 YEARS
40
1968
Gregg
2008

EATON | Aeroquip

AEROQUIP WIRE INSERTED SUCTION FC619 - SAE100R4

Construction: Synthetic rubber tube, reinforcement consisting of a helical wire between two textile reinforcement layers and synthetic rubber cover.
Application: Suction and transfer applications for hydraulics, crude, fuel and lubricating oils, gasoline, air and water.
Temperature Range: -40°C to +135°C.

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Max. Operating Pressure (psi)
FC619-12	.75	1.21	300
FC619-16	1.00	1.48	250
FC619-20	1.25	1.75	200
FC619-24	1.50	2.04	150
FC619-32	2.00	2.55	100

AEROQUIP FC332

Construction: AQP elastomer tube, textile braid reinforcement, AQP elastomer cover.
Application: For gasoline, fuel and lubricating oils, air, and water. Not recommended for hydraulic impulse applications and not approved for air brake applications.
Temperature Range: -40° C to + 150° C. Water not to exceed 82° C, air not to exceed 121° C.

AEROQUIP FC647

Construction: Synthetic rubber tube, textile braid reinforcement, oil and mildew resistant textile braid cover.
Application: For gasoline, fuel and lubricating oils, air, and water. Not recommended for hydraulic impulse applications and not approved for air brake applications.
Temperature Range: -40° C to + 100° C. Water not to exceed 66° C, air not to exceed 74° C.

AEROQUIP 2556

Construction: Synthetic rubber tube, textile braid reinforcement and synthetic rubber cover.
Application: For gasoline, fuel, and lubricating oils, air, and water. Not recommended for hydraulic impulse applications and not approved for air brake applications.
Temperature Range: -40° C to + 100° C. Water not to exceed 66° C, air not to exceed 71° C.

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Max. Operating Pressure (psi)	Min. Burst (psi)
FC332-4	.25	.49	250	1000
FC332-6	.38	.63	250	1000
FC332-8	.50	.75	250	1000
FC332-10	.63	.91	250	1000
FC332-12	.75	1.04	250	1000
FC647-4	.25	.48	360	1440
FC647-6	.38	.62	300	1200
FC647-8	.50	.75	300	1200
FC647-10	.63	.91	250	1000
FC647-12	.75	1.03	250	1000
2556-4	.25	.49	360	1440
2556-6	.38	.62	300	1200
2556-8	.50	.75	300	1200
2556-10	.63	.91	250	1000
2556-12	.75	1.03	250	1000

Socketless Reusable Fittings For Use With Hose Styles FC332, FC647 & 2556

MALE PIPE

Part Number	Thread	Hose Size
4738-2-4	1/8-27	-4
4738-4-4	1/4-18	-4
4738-4-6	1/4-18	-6
4738-6-6	3/8-18	-6
4738-6-8	3/8-18	-8
4738-8-8	1/2-14	-8
4738-8-10	1/2-14	-10
4738-12-12	3/4-14	-12

SAE 42° INVERTED FEMALE FLARE

Part Number	Thread	Hose Size
4743-4	7/16-24	-4
4743-5-4	1/2-20	-4
4743-6	5/8-18	-6

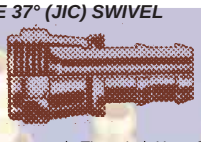
SAE 45° INVERTED MALE FLARE

Part Number	Thread	Hose Size
4740-3-4	3/8-24	-4
4740-4	7/16-24	-4
4740-5-4	1/2-20	-4
4740-6	5/8-18	-6
4740-8	3/4-18	-8
4740-10	7/8-18	-10

COMPRESSION TYPE

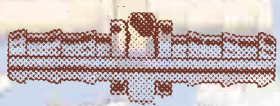
Part Number	Thread	Hose Size
4750-4	-4	-4
4750-5-4	-5	-4
4750-6	-6	-6
4750-8	-8	-8

SAE 37° (JIC) SWIVEL



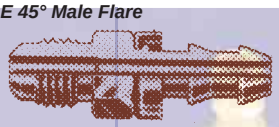
Part Number	Thread	Hose Size
4741-6	9/16-18	-6
4741-12	1-1/16-12	-12

SOCKETLESS HOSE MENDER



Part Number	Hose Size
4772-4	-4
4772-6	-6
4772-8	-8
4772-10	-10
4772-12	-12

SAE 45° Male Flare



Part Number	Thread	Hose Size
4742-4	7/16-20	-4
4742-5-4	1/2-20	-4
4742-6	5/8-18	-6
4742-8	3/4-16	-8

UNIVERSAL & SAE 45° SWIVEL

Part Number	Thread	Hose Size
UNIVERSAL		
4797-4	7/16-20	-4
4797-5-4	1/2-20	-4
4797-8-6	3/4-16	-6
4797-8	3/4-16	-8
4797-10-8	7/8-14	-8
4797-10	7/8-14	-10
SAE 45°		
4739-6	5/8-18	-6
4739-12	1-1/16-14	-12

Medium Pressure Hose

AEROQUIP 1503 SAE100R5 - SINGLE WIRE BRAID

Construction: Synthetic rubber tube, textile inner braid, single wire braid reinforcement and synthetic rubber impregnated textile braid cover.
Application: For hydraulics, air, gasoline, crude, fuel and lubricating oils.
Temperature Range: -40°C to +121°C. Except air +71°C.

AEROQUIP 2651 SAE 100R5 - SINGLE WIRE BRAID

Construction: Synthetic rubber tube, textile inner braid, single wire braid reinforcement, outer textile braid and synthetic rubber cover.
Application: Hydraulics, gasoline, crude, fuel and lubricating oils, air and water. Except air not to exceed 250 psi.
Temperature Range: -40°C to +100°C. Except air +71°C.

AEROQUIP FC300 SAE100R5 - SINGLE WIRE BRAID

Construction: AQP elastomer tube, polyester inner braid, single wire braid reinforcement and blue polyester braid cover.
Application: Hydraulics handling petroleum based fluids, air, gasoline, crude, fuel, lubricating oils, fire resistant hydraulic fluids, and other industrial fluids.
Temperature Range: -49°C to +150°C. Except air +121°C.
*(FC300-32 only) Does not comply with SAE100R5 operating pressure of 350 psi or minimum burst pressure of 1400 psi.

AEROQUIP FC350 FMVSS106 - ENGINE & AIR BRAKE HOSE

Construction: AQP elastomer tube, polyester inner braid and a single wire braid reinforcement; black polyester textile braided cover.
Application: Air, gasoline, fuel, lubricating oils and coolants.
Temperature Range: -49°C to +150°C. Except air +121°C.

AEROQUIP FC355 FMVSS106 - ENGINE & AIR BRAKE HOSE

Construction: AQP elastomer tube, polyester inner braid and a single wire braid reinforcement, blue AQP elastomer cover.
Application: Air, gasoline, fuel, lubricating oils and coolants
Temperature Range: -40°C to +150°C. Air not to exceed 250 psi or +121°C.

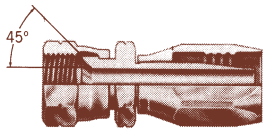
AEROQUIP FC802 SAE J51 TYPE D - MULTI-REFRIGERANT HOSE

Construction: Bromobutyl cover, polyamide-veneer tube, synthetic braid reinforcement, synthetic rubber backing layer.
Application: Transportation, refrigeration, and air conditioning systems using Refrigerant 12, R-22, R-134a, R-502.
Temperature Range: -40°C to +121°C.

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Maximum Operating Pressure (psi)	Min. Burst Pressure (psi)
1503-4	.19	.52	3000	12000
1503-5	.25	.58	3000	12000
1503-6	.31	.68	2250	9000
1503-8	.41	.77	2000	8000
1503-10	.50	.92	1750	7000
1503-12	.63	1.08	1500	6000
1503-16	.88	1.23	800	3200
1503-20	1.12	1.50	625	2500
1503-24	1.38	1.75	500	2000
1503-32	1.81	2.23	350	1400
1503-40	2.38	2.88	350	1400
2651-4	.19	.52	3000	12000
2651-5	.25	.58	3000	12000
2651-6	.31	.68	2250	9000
2651-8	.41	.75	2000	8000
2651-10	.50	.92	1750	7000
2651-12	.63	1.08	1500	6000
2651-16	.88	1.23	800	3200
2651-20	1.12	1.50	625	2500
2651-24	1.38	1.75	500	2000
2651-32	1.81	2.22	350	1400
FC300-4	.19	.52	3000	12000
FC300-5	.25	.58	3000	12000
FC300-6	.31	.67	2250	9000
FC300-8	.41	.76	2000	8000
FC300-10	.50	.93	1750	7000
FC300-12	.63	1.08	1500	6000
FC300-16	.88	1.27	800	3200
FC300-20	1.12	1.50	625	2500
FC300-24	1.38	1.75	500	2000
FC300-32*	1.81	2.22	300	1200
FC300-40	2.38	2.88	300	1200
FC350-4	.19	.52	2000	8000
FC350-5	.25	.58	1500	6000
FC350-6	.31	.68	1500	6000
FC350-8	.41	.77	1250	5000
FC350-10	.50	.94	1250	5000
FC350-12	.63	1.08	750	3000
FC350-16	.88	1.23	400	1600
FC350-20	1.12	1.50	300	1200
FC350-24	1.38	1.75	250	1000
FC355-4	.19	.52	1500	6000
FC355-6	.31	.68	1500	6000
FC355-8	.41	.77	1250	5000
FC355-10	.50	.94	1250	5000
FC355-12	.63	1.08	750	3000
FC802-4	.20	.52	500	2500
FC802-6	.33	.68	500	2500
FC802-8	.42	.77	500	2500
FC802-10	.52	.92	500	2500
FC802-12	.65	1.08	500	2500

Medium Pressure Hose Standard Reusable Fittings For Use With Hose Styles 1503, 2651, FC300, FC350, FC355 & FC802

SAE 45° SWIVEL

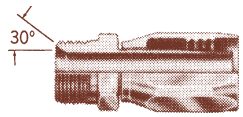


Part Number	Thread	Hose Size
4401-4	7/16-20	-4
4401-5	1/2-20	-5
4401-6	5/8-18	-6
4401-8	3/4-16	-8
4401-10	7/8-14	-10
4401-12	1-1/16-14	-12

SAE 45° MALE FLARE

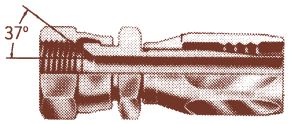
Part Number	Thread	Hose Size
4402-4	7/16-20	-4
4402-5	1/2-20	-5
4402-6	5/8-18	-6
4402-8	3/4-16	-8
4402-10	7/8-14	-10
4402-12-10	1-1/16-14	-10
4402-12	1-1/16-14	-12

MALE PIPE



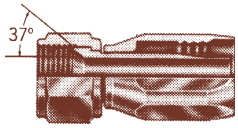
Part Number	Thread	Hose Size
4412-2-4	1/8-27	-4
4412-4-4	1/4-18	-4
4412-4-5	1/4-18	-5
4412-4-6	1/4-18	-6
4412-6-6	3/8-18	-6
4412-4-8	1/4-18	-8
4412-6-8	3/8-18	-8
4412-8-8	1/2-14	-8
4412-8-10	1/2-14	-10
4412-12-10	3/4-14	-10
4412-8-12	1/2-14	-12
4412-12-12	3/4-14	-12
412-12-16	3/4-14	-16
412-16-16	1-11½	-16
412-16-20	1-11½	-20
412-20-20	1¼-11½	-20
412-20-24	1¼-11½	-24
412-24-24	1½-11½	-24
412-32-32	2-11½	-32
44-412-40-40	2½-8	-40

SAE 37° (JIC) SWIVEL



Part Number	Thread	Hose Size
4411-4	7/16-20	-4
4411-4-5	7/16-20	-5
4411-5	1/2-20	-5
4411-6	9/16-18	-6
4411-8-6	3/4-16	-6
4411-6-8	9/16-18	-8
4411-8	3/4-16	-8
4411-10-8	7/8-14	-8
4411-10	7/8-14	-10
4411-12-10	1-1/16-12	-10
4411-12	1-1/16-12	-12
4411-16	1-5/16-12	-16
4411-20	1⅝-12	-20
4411-24	1⅞-12	-24
4411-32	2½-12	-32

SAE 37° (JIC) SWIVEL

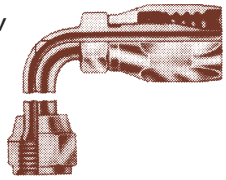


Part Number	Thread	Hose Size
411-6	9/16-18	-6
411-12	1-1/16-12	-12
411-16	1-5/16-12	-16
411-20	1⅝-12	-20
411-24	1⅞ -12	-24
411-32	2½-12	-32
44-411-40	3-12	-40

SAE 37° (JIC) MALE FLARE

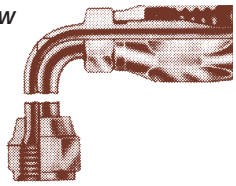
Part Number	Thread	Hose Size
4414-4	7/16-20	-4
4414-5	1/2-20	-5
4414-6	9/16-18	-6
4414-8	3/4-16	-8
4414-10	7/8-14	-10
4414-12-10	1-1/16-12	-10
4414-12	1-1/16-12	-12
4414-16	1-5/16-12	-16
4414-20	1⅝-12	-20

90° ELBOW (SHORT)



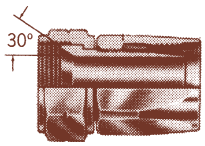
Part Number	Thread	Hose Size
UNIVERSAL		
190296-4	7/16-20	-4
190296-5	1/2-20	-5
190296-8	3/4-16	-8
190296-10	7/8-14	-10
SAE 45°		
190302-6	5/8-18	-6
190302-12	1-1/16-14	-12
SAE 37° (JIC)		
190261-6	9/16-18	-6
190261-12	1-1/16-12	-12
190261-16	1-5/16-12	-16
190261-20	1⅝-12	-20
190261-20-24	1⅞-12	-24

90° ELBOW (LONG)



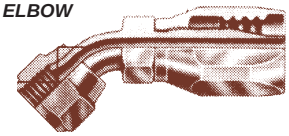
Part Number	Thread	Hose Size
UNIVERSAL		
190295-4	7/16-20	-4
190295-5	1/2-20	-5
190295-8	3/4-16	-8
190295-10	7/8-14	-10
SAE 45°		
190301-6	5/8-18	-6
190301-12	1-1/16-14	-12
SAE 37° (JIC)		
190260-6	9/16-18	-6
190260-12	1-1/16-12	-12
190260-16	1-5/16-12	-16
190260-20	1⅝-12	-20

P.T.T. SWIVEL



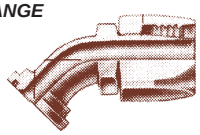
Part Number	Thread	Hose Size
406-16	1-5/16-14	-16
406-20	1⅝-14	-20
406-24	1⅞-14	-24

45° ELBOW



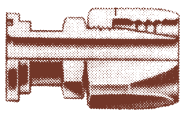
Part Number	Thread	Hose Size
UNIVERSAL		
190297-4	7/16-20	-4
190297-5	1/2-20	-5
190297-8	3/4-16	-8
190297-10	7/8-14	-10
SAE 45°		
190299-6	5/8-18	-6
190299-12	1-1/16-14	-12
SAE 37° (JIC)		
190265-6	9/16-18	-6
190265-12	1-1/16-12	-12
190265-16	1-5/16-12	-16
190426-24	1½-11½	-24

45° SPLIT FLANGE



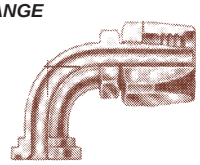
Part Number	Flange Head Size	Hose Size
4777-8	-8	-8
4777-12	-12	-12
4777-16	-16	-16
4777-20-16	-20	-16
4777-20	-20	-20
4777-24	-24	-24
4777-32	-32	-32

STRAIGHT SPLIT FLANGE



Part Number	Flange Head Size	Hose Size
4775-8	-8	-8
4775-12	-12	-12
4775-16-12	-16	-12
4775-16	-16	-16
4775-20-16	-20	-16
4775-20	-20	-20
4775-24	-24	-24
4775-32	-32	-32

90° SPLIT FLANGE

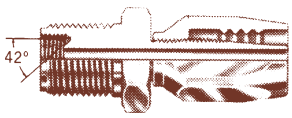


Part Number	Flange Head Size	Hose Size
4779-8	-8	-8
4779-12	-12	-12
4779-16-12	-16	-12
4779-16	-16	-16
4779-20-16	-20	-16
4779-20	-20	-20
4779-24-20	-24	-20
4779-24	-24	-24
4779-32	-32	-32

EATON | Aeroquip

Hydraulic Brake Hose Fittings

MALE/FEMALE INVERTED FLARE



Part Number	Thread	Hose Size
190276-4	5/8-18 (M) 7/16-24 (F)	-4

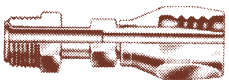
MALE INVERTED FLARE

Part Number	Thread	Hose Size
190277-4	7/16-20	-4

EATON | Aeroquip

Power Steering Reusable Fittings

STRAIGHT SAE MALE INVERTED FLARE



Part Number	Thread	Hose Size
190111-4	7/16-24	-4
190111-5	1/2-20	-5
190111-5-6	1/2-20	-6
190111-6	5/8-18	-6
190111-7-6	11/16-18	-6
190111-6-8	5/8-18	-8
190111-8	3/4-18	-8

15° ELBOW SAE MALE INVERTED FLARE

Part Number	Thread	Hose Size
190350-6	5/8-18	-6

45° ELBOW SAE MALE INVERTED FLARE

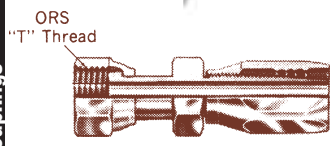
Part Number	Thread	Hose Size
190371-4	7/16-20	-4
190371-5	1/2-20	-5
190371-6	5/8-18	-6
190371-8	3/4-18	-8

90° ELBOW SAE MALE INVERTED FLARE

Part Number	Thread	Hose Size
SHORT		
190235-4	7/16-24	-4
190235-5	1/2-20	-5
190235-6	5/8-18	-6
190235-7-6	11/16-18	-6
190235-6-8	5/8-18	-8
190235-8	3/4-18	-8
LONG		
190325-6	5/8-18	-6
190325-6-8	5/8-18	-8

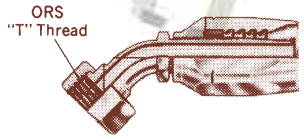
ORS Reusable SAE 100R5 Hose Fittings For Use With Hose Styles 1503, 2651, FC300, FC350, & FC355

STRAIGHT



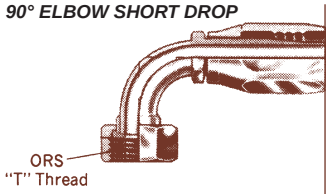
Part Number	Thread T	Hose Size
FJ9706-4-4	9/16-18	-4
FJ9706-6-6	11/16-16	-6
FJ9706-8-8	13/16-16	-8
FJ9706-10-10	1-14	-10
FJ9706-12-12	1-3/16-12	-12
FJ9706-16-16	1-7/16-12	-16
FJ9706-20-20	1-11/16-12	-20
FJ9706-24-24	2-12	-24

45° ELBOW



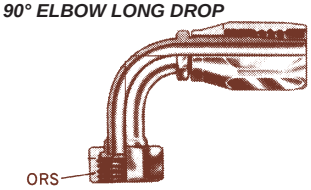
Part Number	Thread T	Hose Size
FJ9707-4-4	9/16-18	-4
FJ9707-6-6	11/16-16	-6
FJ9707-8-8	13/16-16	-8
FJ9707-10-10	1-14	-10
FJ9707-12-12	1-3/16-12	-12
FJ9707-16-16	1-7/16-12	-16
FJ9707-20-20	1-11/16-12	-20
FJ9707-24-24	2-12	-24

90° ELBOW SHORT DROP



Part Number	Thread T	Hose Size
FJ9708-4-4	9/16-18	-4
FJ9708-6-6	11/16-16	-6
FJ9708-8-8	13/16-16	-8
FJ9708-10-10	1-14	-10
FJ9708-12-12	1-3/16-12	-12
FJ9708-16-16	1-7/16-12	-16
FJ9708-20-20	1-11/16-12	-20
FJ9708-24-24	2-12	-24

90° ELBOW LONG DROP

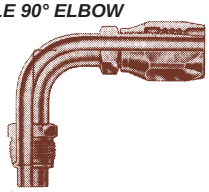


Part Number	Thread T	Hose Size
FJ9709-4-4	9/16-18	-4
FJ9709-6-6	11/16-16	-6
FJ9709-8-8	13/16-16	-8
FJ9709-12-12	1-3/16-12	-12
FJ9709-16-16	1-7/16-12	-16
FJ9709-20-20	1-11/16-12	-20
FJ9709-24-24	2-12	-24

Air Conditioning Fittings For Use With Air Conditioning Hose Style FC802

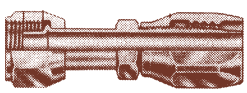
MALE

MALE 90° ELBOW

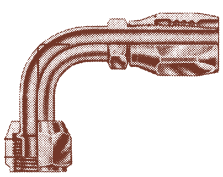


Part No.	Pilot O.D.	Pilot Length	Thread	Hose Size
Male (short pilot)				
FC7646-6-6	.337	.18	5/8-18	-6
FC7646-8-8	.461	.18	3/4-18	-8
FC7646-10-10	.570	.18	7/8-18	-10
Male (long pilot)				
FC7049-6-6	.337	.28	5/8-18	-6
FC7049-8-8	.461	.38	3/4-18	-8
FC7049-10-10	.570	.38	7/8-18	-10
Male 90° Elbow (short pilot)				
FC7662-6-6	.337	.18	5/8-18	-6
FC7662-10-10	.570	.18	7/8-18	-10

FEMALE



FEMALE 90° ELBOW



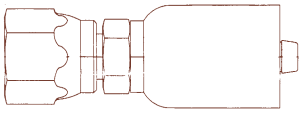
Part No.	Pilot O.D.	Pilot Length	Thread	Hose Size
Female (long pilot)				
FC7048-6-6	.337	.28	5/8-18	-6
FC7048-8-8	.461	.38	3/4-16	-8
FC7048-10-10	.570	.38	7/8-14	-10
Female 90° Elbow (long pilot)				
FC7573-6-6	.337	.28	5/8-18	-6
FC7573-8-8	.461	.38	3/4-16	-8
FC7573-10-10	.570	.38	7/8-14	-10

O-RINGS - FOR BUMP TUBE O-RING SEAL AND O-RING PILOT FITTINGS.

Part No.	Dash Size
22546-11	-6
22546-13	-8
22546-15	-10
22546-17	-12

SAE 100R5 Crimp Fittings For Use With Hose Styles 1503, FC300, FC350 & FC355

SAE 37° SWIVEL (JIC) FEMALE CRIMP FITTING

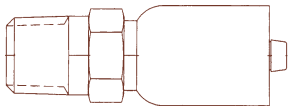


Part Number	Hose Size	Thread
FJ3114-4-4	-4	7/16-20
FJ3114-5-5	-5	1/2-20
FJ3114-6-6	-6	9/16-18
FJ3114-8-8	-8	3/4-16
FJ3114-10-10	-10	7/8-14
FJ3114-12-12	-12	1-1/16-12
FJ3114-16-16	-16	1-5/16-12
FJ3114-20-20	-20	1-5/8-12
FJ3114-24-24	-24	1-7/8-12

STRAIGHT SAE 45° SWIVEL FEMALE CRIMP FITTING

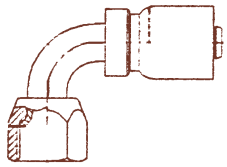
Part Number	Hose Size	Thread
FJ3094-4-4	-4	7/16-20
FJ3094-5-5	-5	1/2-20
FJ3094-6-6	-6	5/8-18
FJ3094-8-8	-8	3/4-16
FJ3094-10-10	-10	7/8-14
FJ3094-12-12	-12	1-1/16-14

MALE PIPE NPT MALE CRIMP FITTING



Part Number	Hose Size	Thread
FJ3152-4-4	-4	1/4-18
FJ3152-4-6	-6	1/4-18
FJ3152-6-6	-6	3/8-18
FJ3152-8-8	-8	1/2-14
FJ3152-8-10	-10	1/2-14
FJ3152-12-12	-12	3/4-14
FJ3152-16-16	-16	1-11½
FJ3152-20-20	-20	1¼-11½
FJ3152-24-24	-24	1½-11½
FJ3152-32-32	-32	2-11½

SAE 37° - 90° ELBOW (SHORT) CRIMP FITTING

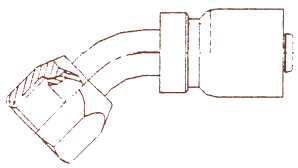


Part Number	Hose Size	Thread
FJ3244-4-4	-4	7/16-20
FJ3250-6-6	-6	9/16-18
FJ3244-8-8	-8	3/4-16
FJ3244-10-10	-10	7/8-14
FJ3250-12-12	-12	1-1/16-12
FJ3250-16-16	-16	1-5/16-12

SAE 45° - 90° ELBOW (SHORT) CRIMP FITTING

Part Number	Hose Size	Thread
FJ3247-6-6	-6	5/8-18
FJ3247-12-12	-12	1-1/16-14

SAE 37° - 45° ELBOW CRIMP FITTING



Part Number	Hose Size	Thread
FJ3243-4-4	-4	7/16-20
FJ3249-6-6	-6	9/16-18
FJ3243-8-8	-8	3/4-16
FJ3243-10-10	-10	7/8-14
FJ3249-12-12	-12	1-1/16-12
FJ3249-16-16	-16	1-5/16-12

SAE 45° - 45° ELBOW CRIMP FITTING

Part Number	Hose Size	Thread
FJ3246-6-6	-6	5/8-18
FJ3246-12-12	-12	1-1/16-14

SAE 100R5 Crimp Dies For Use With SAE 100R5 Fittings Only

CRIMP DIES - FOR FT1307, FT1340, & FT1390 MACHINES.

PART NO.	HOSE SIZE
FT1307-200-R5-4	-4
FT1307-200-R5-5	-5
FT1307-200-R5-6	-6
FT1307-200-R5-8	-8
FT1307-200-R5-10	-10
FT1307-200-R5-12	-12
FT1307-200-R5-16	-16
FT1307-200-R5-20	-20
FT1307-200-R5-24	-24
FT1307-200-R5-32	-32

CRIMP DIES FOR FT1330 MACHINES.

PART NO.	HOSE SIZE
FT1330-275-R5-4	-4
FT1330-275-R5-5	-5
FT1330-275-R5-6	-6
FT1330-275-R5-8	-8
FT1330-275-R5-10	-10
FT1330-275-R5-12	-12
FT1330-275-R5-16	-16
FT1330-275-R5-20	-20

CRIMP DIES FOR FT1380 MACHINES.

PART NO.	HOSE SIZE
FT1380-275-R5-4	-4
FT1380-275-R5-5	-5
FT1380-275-R5-6	-6
FT1380-275-R5-8	-8
FT1380-275-R5-10	-10
FT1380-275-R5-12	-12
FT1380-275-R5-16	-16
FT1380-275-R5-20	-20

E-Z Clip™ System Designed To Work Exclusively With Aeroquip GH134 & FC505 Hose

THE E-Z CLIP SYSTEM TOOL CASE

Contains 20 of each size of clips; 10 of each size cages; assembly tool; hose cutter and replacement blade.
Part No. FF12139.

GH134 MULTI-REFRIGERANT HOSE

SAE J2064 Type E Class 1
•Internal polyamide veneer gives excellent effusion resistance •Synthetic rubber backing layer offers maximum resistance to moisture ingression •Stabilized, synthetic braided reinforcement for extended service performance •Chlorobutyl rubber cover for superior flexibility •E-Z Clip fittings offer assured coupling integrity, exceeds SAE J2064 performance
Construction: Polyamide veneer tube, stabilized synthetic braided reinforcement and chlorobutyl rubber cover.
Application: Transportation, refrigeration and air conditioning systems.
Operating Temperature Range: -30°C to 125°C
R404a Effusion: .2 lbs./ft2/yr. at 140°F (.8 kg/m2/yr. at 60°C)
HFC 134a Effusion: .50 lbs./ft2/yr. at 176°F (2.42 kg/m2/yr. at 80°C)
R22 Effusion: 27.7 lbs./ft2/yr. at 158°F (135 kg/m2/yr. at 70°C)
Moisture Ingression: .08 gm/in2/yr. (.013/cm2/yr)

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Max. Operating Pressure (psi)	Min. Burst Pressure (psi)
GH134-6	.31	.58	500	2000
GH134-8	.41	.70	500	2000
GH134-10	.50	.78	500	2000
GH134-12	.63	.98	500	2000

FC505 REFRIGERATION/AIR CONDITIONING HOSE

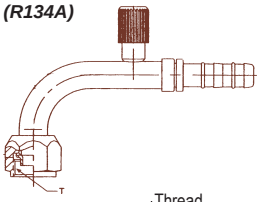
SAE J2064 Type E Class 1, Multi-refrigerant
Construction: Polyamide veneer tube, stabilized synthetic braided reinforcement and chlorobutyl rubber cover.
Application: Transportation, refrigeration and air conditioning systems.
Operating Temperature Range: -40°C to 135°C

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Max. Operating Pressure (psi)	Min. Burst Pressure (psi)
FC505-4	.20	.44	500	2500

EATON | Aeroquip

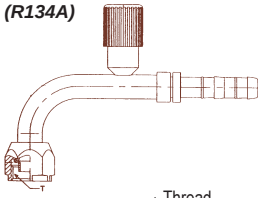
E-Z Clip™ System Designed To Work Exclusively With Aeroquip GH134 & FC505 Hose

90° FEMALE O-RING (SHORT PILOT) WITH LOW SIDE CHARGE PORT (R134A)



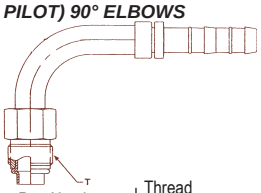
Part Number	Thread "T"
FJ3012-02-10-10	7/8-14
FJ3012-01-10-12	7/8-14
FJ3012-03-12-12	1-1/16-14

90° FEMALE O-RING (SHORT PILOT) WITH HIGH SIDE CHARGE PORT (R134A)



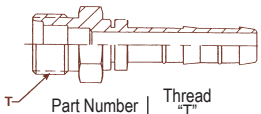
Part Number	Thread "T"
FJ3013-02-6-6	5/8-18
FJ3013-03-8-8	3/4-16
FJ3013-01-8-10	3/4-16

MALE O-RING (SHORT PILOT) 90° ELBOWS



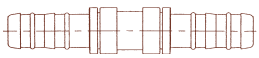
Part Number	Thread "T"
FJ3019-03-6-6	5/8-18
FJ3019-02-6-8	5/8-18
FJ3019-04-8-8	3/4-18
FJ3019-06-8-10	3/4-18
FJ3019-01-10-12	7/8-14
FJ3019-05-12-12	1-1/16-16
FJ3019-07-10-10	7/8-18

MALE MIO (MALE INSERT O-RING) STRAIGHTS



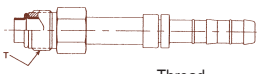
Part Number	Thread "T"
FJ3026-6-6	5/8-18
FJ3026-8-8	3/4-16
FJ3026-10-10	7/8-14
FJ3026-10-12	7/8-14
FJ3026-12-12	1-1/16-16

STRAIGHT SPLICER



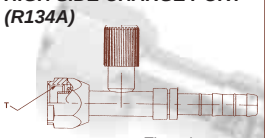
Part Number	Thread "T"
FJ3045-6-6	-
FJ3045-8-8	-
FJ3045-10-10	-
FJ3045-12-12	-

STRAIGHT MALE O-RING (SHORT PILOT)



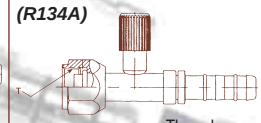
Part Number	Thread "T"
FJ3052-6-6	5/8-18
FJ3052-6-8	5/8-18
FJ3052-8-8	3/4-18
FJ3052-10-10	7/8-18
FJ3052-10-12	7/8-18
FJ3052-12-12	1-1/16-16

STRAIGHT FEMALE O-RING (SHORT PILOT) WITH HIGH SIDE CHARGE PORT (R134A)



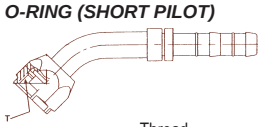
Part Number	Thread "T"
FJ3053-6-6	5/8-18
FJ3053-8-8	3/4-16

STRAIGHT FEMALE O-RING (SHORT PILOT) WITH LOW SIDE CHARGE PORT (R134A)



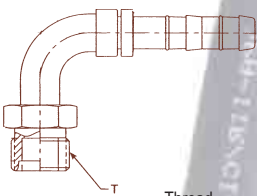
Part Number	Thread "T"
FJ3054-10-10	7/8-14
FJ3054-10-12	7/8-14
FJ3054-12-12	1-1/16-14

45° ELBOW FEMALE O-RING (SHORT PILOT)



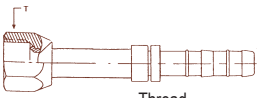
Part Number	Thread "T"
FJ3055-01-6-6	5/8-18
FJ3055-02-6-8	5/8-18
FJ3055-03-8-8	3/4-16
FJ3055-04-8-10	3/4-16
FJ3055-05-10-10	7/8-14
FJ3055-06-10-12	7/8-14
FJ3055-07-12-12	1-1/16-14

MALE MIO — 90° ELBOWS



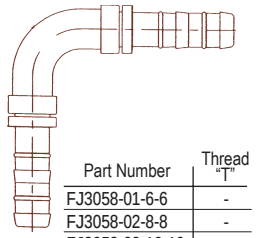
Part Number	Thread "T"
FJ3056-01-6-6	5/8-18
FJ3056-02-8-8	3/4-16
FJ3056-03-10-10	7/8-14

FEMALE SAE 45° FLARES



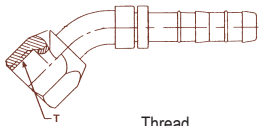
Part Number	Thread "T"
FJ3057-01-6-6	5/8-18
FJ3057-02-6-8	5/8-18
FJ3057-03-8-8	3/4-16
FJ3057-04-8-10	3/4-16
FJ3057-05-10-10	7/8-14
FJ3057-06-10-12	7/8-14
FJ3057-07-12-12	1-1/16-14

90° SPLICER



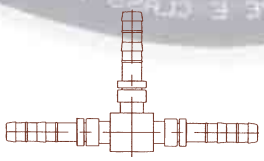
Part Number	Thread "T"
FJ3058-01-6-6	-
FJ3058-02-8-8	-
FJ3058-03-10-10	-
FJ3058-04-12-12	-

FEMALE SAE 45° FLARES 45° ELBOWS



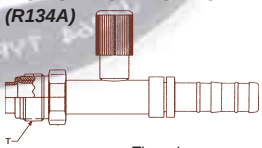
Part Number	Thread "T"
FJ3059-01-6-6	5/8-18
FJ3059-02-6-8	5/8-18
FJ3059-03-8-8	3/4-16
FJ3059-04-8-10	7/8-14
FJ3059-05-10-10	7/8-14
FJ3059-06-10-12	7/8-14

"T" SPLICER - 3 HOSE CONNECTOR



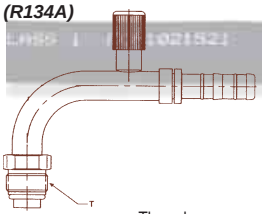
Part Number	Thread "T"
FJ3066-8-8	-
FJ3066-12-12	-

STRAIGHT MALE O-RING (SHORT PILOT) WITH HIGH SIDE CHARGE PORT (R134A)



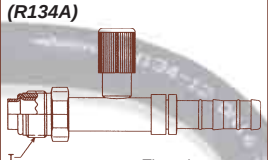
Part Number	Thread "T"
FJ3131-01-6-6	5/8-18
FJ3131-02-8-8	3/4-16
FJ3131-03-10-10	7/8-14

90° ELBOW MALE O-RING (SHORT PILOT) WITH LOW SIDE CHARGE PORT (R134A)



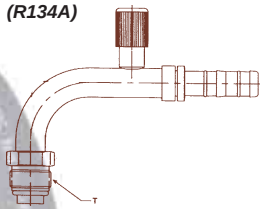
Part Number	Thread "T"
FJ3135-01-10-10	7/8-18
FJ3135-02-10-12	7/8-18

STRAIGHT MALE O-RING (SHORT PILOT) WITH LOW SIDE CHARGE PORT (R134A)



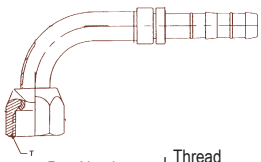
Part Number	Thread "T"
FJ3132-01-10-10	7/8-14
FJ3132-02-10-12	1-1/16-16

90° ELBOW MALE O-RING (SHORT PILOT) WITH HIGH SIDE CHARGE PORT (R134A)



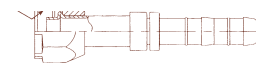
Part Number	Thread "T"
FJ3134-01-6-6	5/8-18
FJ3134-02-8-8	3/4-18
FJ3134-03-10-10	7/8-18

FEMALE SAE 45° FLARES 90° ELBOWS



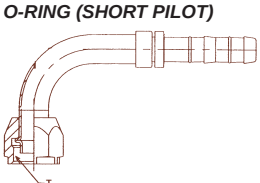
Part Number	Thread "T"
FJ3149-01-6-6	5/8-18
FJ3149-02-6-8	5/8-18
FJ3149-03-8-8	3/4-16
FJ3149-04-10-10	7/8-14
FJ3149-05-10-12	7/8-14

STRAIGHT FEMALE O-RING (SHORT PILOT)



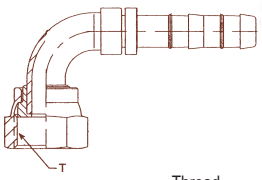
Part Number	Thread "T"
FJ5984-6-6	5/8-18
FJ5984-6-8	5/8-18
FJ5984-8-8	3/4-16
FJ5984-8-10	3/4-16
FJ5984-10-10	7/8-14
FJ5984-10-12	7/8-14
FJ5984-12-12	1-1/16-14

90° ELBOW FEMALE O-RING (SHORT PILOT)



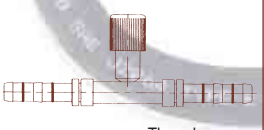
Part Number	Thread "T"
FJ5985-6-6	5/8-18
FJ5985-6-8	5/8-18
FJ5985-8-8	3/4-16
FJ5985-8-10	3/4-16
FJ5985-10-10	7/8-14
FJ5985-10-12	7/8-14
FJ5985-12-12	1-1/16-14

90° ORS FEMALE SWIVEL



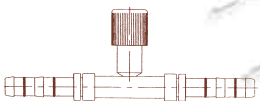
Part Number	Thread "T"
FJ5994-01-6-6	11/16-16
FJ5994-02-8-8	13/16-16
FJ5994-04-10-10	1-14
FJ5994-03-12-12	1-3/16-12
FJ5994-05-10-12	1-14

SPLICER WITH LOW SIDE CHARGE PORT (R134A)



Part Number	Thread "T"
FJ5986-10-10	-
FJ5986-12-12	-

SPLICER WITH HIGH SIDE CHARGE PORT (R134A)



Part Number	Thread "T"
FJ5995-6-6	-
FJ5995-8-8	-
FJ5995-10-10	-

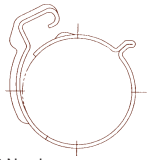
All Canadian!

E-Z Clip™ System Designed To Work Exclusively With Aeroquip GH134 & FC505 Hose

CAGES — FITTING TO HOSE ATTACHMENT

Part Number	Hose Size
1F40105-4C	-4
1F40105-6C	-6
1F40105-8C	-8
1F40105-10C	-10
1F40105-12C	-12

CLIPS — HOSE/CAGE CONNECTION



Part Number	Hose Size
1F40104-4C	-4
1F40104-6C	-6
1F40104-8C	-8
1F40104-10C	-10
1F40104-12C	-12

O-RINGS — FOR E-Z CLIP HOSE FITTINGS

Part Number	Hose Size
1F40106-4	-4
1F40106-6	-6
1F40106-8	-8
1F40106-10	-10
1F40106-12	-12

PLIERS/CONNECTING TOOL

Part No. FT1357.

HOSE CUTTER

Part No. FT1356.
Part No. FT1356-2-1, Replacement blade.

CORE TOOL

Part No. 42-05-100, Core tool.
Part No. FF90192-02, High side Schraeder*.
Part No. FF90192-01, Low side Schraeder*.
Part No. FF90193-02, High side cap.
Part No. FF90193-01, Low side cap.

*For Aeroquip high flow charge ports only.

Medium Pressure Hose

AEROQUIP GH663 SINGLE WIRE BRAID - EXCEEDS SAE 100R1AT PERFORMANCE

Construction: Synthetic rubber tube, single wire braid reinforcement and synthetic rubber cover.
Application: Hydraulic system service with petroleum and water-glycol base fluids, for general industrial service.
Operating Temperature Range: -40°C to +100°C

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Max. Operating Pressure (psi)	Min. Burst (psi)
GH663-4	.25	.53	3250	13000
GH663-6	.38	.69	3000	12000
GH663-8	.50	.81	2500	10000
GH663-12	.75	1.09	1800	7200
GH663-16	1.00	1.41	1300	5200
GH663-20	1.25	1.71	950	3770
GH663-24	1.50	1.99	725	2900
GH663-32	2.00	2.52	580	2320

AEROQUIP FRH1AT SINGLE WIRE BRAID - EXCEEDS SAE 100R1AT PERFORMANCE

Construction: Synthetic rubber tube, single wire braid reinforcement and synthetic rubber cover.
Application: Hydraulic system service with petroleum and water base fluids, for general industrial service.
Operating Temperature Range: -40°C to +100°C

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Max. Operating Pressure (psi)	Min. Burst (psi)
FRH1AT-4	.25	.53	2750	11000
FRH1AT-6	.38	.69	2250	9000
FRH1AT-8	.50	.81	2000	8000
FRH1AT-12	.75	1.09	1250	5000
FRH1AT-16	1.00	1.41	1000	4000

Thru-The-Cover Reusable Fittings For Use With FRH1AT & GH663 Hose

MALE PIPE

Part Number	Thread	Hose Size
FC7985-4-4	1/4-18	-4
FC7985-4-6	1/4-18	-6
FC7985-6-6	3/8-18	-6
FC7985-8-8	1/2-14	-8
FC7985-12-12	3/4-14	-12
FC7985-16-16	1-11½	-16

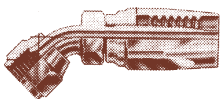
SAE 37° (JIC) MALE FLARE

Part Number	Thread	Hose Size
FC7986-4-4	7/16-20	-4
FC7986-6-6	9/16-18	-6
FC7986-8-8	3/4-16	-8
FC7986-12-12	1-1/16-12	-12

SAE 37° (JIC) SWIVEL

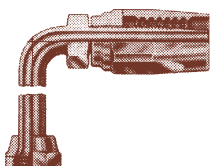
Part Number	Thread	Hose Size
FC7988-4-4	7/16-20	-4
FC7988-6-6	9/16-18	-6
FC7988-8-8	3/4-16	-8
FC7988-12-12	1-1/16-12	-12
FC7988-16-16	1-5/16-12	-16

SAE 37° (JIC) SWIVEL 45° ELBOW



Part Number	Thread	Hose Size
FC7990-4-4	7/16-20	-4
FC7990-6-6	9/16-18	-6
FC7990-8-8	3/4-16	-8
FC7990-12-12	1-1/16-12	-12
FC7990-16-16	1-5/16-12	-16

SAE 37° (JIC) SWIVEL 90° ELBOW (SHORT)



Part Number	Thread	Hose Size
FC7992-4-4	7/16-20	-4
FC7992-6-6	9/16-18	-6
FC7992-8-8	3/4-16	-8
FC7992-12-12	1-1/16-12	-12

Polyon™/Thermoplastic Hose

AEROQUIP FC372 - POLYON™/THERMOPLASTIC CONDUCTIVE BLACK HOSE

Construction: Thermoplastic elastomer tube, single braid polyester reinforcement and a black perforated polyurethane cover.
Application: Hydraulic system service with petroleum, fire resistant, and water base fluids, pneumatic, fuel, and lubricating systems.
Operating Temperature Range: -54°C to +93°C. Water not to exceed +66°C and air not to exceed +71°C.
Meets or exceeds SAE100R7 specifications.

AEROQUIP FC373 POLYON™/THERMOPLASTIC NON-CONDUCTIVE ORANGE HOSE

Construction: Thermoplastic elastomer tube, single braid polyester reinforcement and an orange non-perforated polyurethane cover.
Application: Hydraulic system service with petroleum, fire resistant, and water base fluids, fuel, and lubricating systems.
Operating Temperature Range: -54°C to +93°C. Water not to exceed +66°C.
Meets or exceeds SAE100R7 specifications for non-conductive hose.

AEROQUIP FC374 POLYON™/THERMOPLASTIC CONDUCTIVE BLACK HOSE SAE 100R8

Construction: Thermoplastic elastomer tube, single braid Kevlar reinforcement and a black perforated polyurethane cover.
Application: Hydraulic system service with petroleum, fire resistant, and water base fluids, pneumatic, fuel, and lubricating systems.
Operating Temperature Range: -54°C to +93°C.
Water not to exceed +66°C, air not to exceed +71°C.

AEROQUIP FC375 POLYON™/THERMOPLASTIC NON-CONDUCTIVE ORANGE HOSE SAE 100R8

Construction: Thermoplastic elastomer tube, single braid Kevlar reinforcement and an orange non-perforated polyurethane cover.
Application: Hydraulic system service with petroleum, fire resistant, and water base fluids, fuel, and lubricating systems.
Operating Temperature Range: -54°C to +93°C.
Water not to exceed +66°C.

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Max. Operating Pressure (psi)	Min. Burst Pressure (psi)
FC372-2	.13	.33	2500	10,000
FC372-3	.19	.44	3000	12,000
FC372-4	.25	.53	2750	11,000
FC372-5	.31	.59	2500	10,000
FC372-6	.38	.66	2250	9000
FC372-8	.50	.83	2000	8000
FC372-12	.75	1.07	1250	5000
FC373-3	.19	.44	3000	12,000
FC373-4	.25	.53	2750	11,000
FC373-5	.31	.59	2500	10,000
FC373-6	.38	.66	2250	9000
FC373-8	.50	.83	2000	8000
FC373-12	.75	1.07	1250	5000
FC374-4	.25	.51	5000	20,000
FC374-6	.38	.66	4000	16,000
FC374-8	.50	.81	3500	14,000
FC375-4	.25	.51	5000	20,000
FC375-6	.38	.66	4000	16,000
FC375-8	.50	.81	3500	14,000

Multi-Line Bonded Conductive Polyon™ Black Hose

AEROQUIP FC372 HOSE IS AVAILABLE IN PERMANENTLY BONDED TWIN-LINE AND TRIPLE LINE CONFIGURATIONS.

TWIN-LINE HOSE

Part Number	TWO Pieces are Bonded Together of	Hose I.D. (inches)
FC902-1	FC372-4	.25
FC902-2	FC372-5	.31
FC902-3	FC372-6	.38
FC902-4	FC372-8	.50

TRIPLE-LINE HOSE

Part Number	THREE Pieces are Bonded Together of	Hose I.D. (inches)
FC907-1	FC372-4	.25
FC907-2	FC372-5	.31
FC907-3	FC372-6	.38
FC907-4	FC372-8	.50

Twin-Line Bonded Non-Conductive Polyon™ Orange Hose

AEROQUIP FC373 HOSE IS AVAILABLE IN PERMANENTLY BONDED TWIN-LINE CONFIGURATIONS.

Part Number	TWO Pieces are Bonded Together of	Hose I.D. (inches)
FC901-1	FC373-4	.25
FC901-2	FC373-5	.31
FC901-3	FC373-6	.38
FC901-4	FC373-8	.50

Crimp/Swage Fittings For Use With Polyon Hose

MALE PIPE THREAD

Part Number	Thread	Hose Size
FC5805-2-3	1/8-27	-3
FC5805-4-3	1/4-18	-3
FC5805-6-3	3/8-18	-3
FC5805-2-4	1/8-27	-4
FC5805-4-4	1/4-18	-4
FC5805-6-4	3/8-18	-4
FC5805-4-5	1/4-18	-5
FC5805-6-5	3/8-18	-5
FC5805-4-6	1/4-18	-6
FC5805-6-6	3/8-18	-6
FC5805-8-6	1/2-14	-6
FC5805-8-8	1/2-14	-8
FC5805-12-12	3/4-14	-12

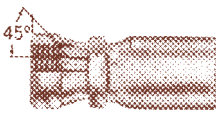
SAE 37° (JIC) MALE FLARE

Part Number	Thread	Hose Size
FC5807-4-3	7/16-20	-3
FC5807-4-4	7/16-20	-4
FC5807-5-4	1/2-20	-4
FC5807-5-5	1/2-20	-5
FC5807-6-5	9/16-18	-5
FC5807-6-6	9/16-18	-6
FC5807-8-6	3/4-16	-6
FC5807-8-8	3/4-16	-8

SAE 37° SWIVEL, FEMALE JIC THREAD

Part Number	Thread	Hose Size
FC5810-4-3	7/16-20	-3
FC5810-5-3	1/2-20	-3
FC5810-4-4	7/16-20	-4
FC5810-5-4	1/2-20	-4
FC5810-6-4	9/16-18	-4
FC5810-5-5	1/2-20	-5
FC5810-6-5	9/16-18	-5
FC5810-6-6	9/16-18	-6
FC5810-8-6	3/4-16	-6
FC5810-8-8	3/4-16	-8
FC5810-10-8	7/8-14	-8
FC5810-12-12	1-1/16-12	-12

SAE 45° SWIVEL, FEMALE SAE THREAD



Part Number	Thread	Hose Size
FC5811-4-3	7/16-20	-3
FC5811-5-3	1/2-20	-3
FC5811-4-4	7/16-20	-4
FC5811-6-4	5/8-18	-4
FC5811-6-6	5/8-18	-6
FC5811-8-6	3/4-16	-6
FC5811-10-8	7/8-14	-8

MALE PIPE SWIVEL

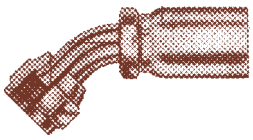
Part Number	Thread	Hose Size
FC5812-6-6	3/8-18	-6
FC5812-8-8	1/2-14	-8

EATON | Aeroquip

Crimp/Swage Fittings For Use With Polyon Hose

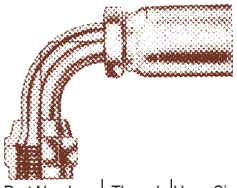
EATON | Aeroquip

45° ELBOW SWIVEL



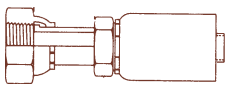
Part Number	Thread	Hose Size
UNIVERSAL		
FC5936-4-3	7/16-20	-3
FC5936-4-4	7/16-20	-4
FC5936-5-4	1/2-20	-4
FC5936-8-6	3/4-16	-6
FC5936-8-8	3/4-16	-8
SAE 37° (JIC)		
FC5813-6-5	9/16-18	-5
FC5813-6-6	9/16-18	-6

90° ELBOW SWIVEL



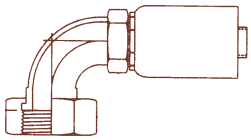
Part Number	Thread	Hose Size
UNIVERSAL		
FC5937-4-3	7/16-20	-3
FC5937-4-4	7/16-20	-4
FC5937-5-4	1/2-20	-4
FC5937-8-6	3/4-16	-6
FC5937-8-8	3/4-16	-8
SAE 37° (JIC)		
FC5814-6-5	9/16-18	-5
FC5814-6-6	9/16-18	-6

ORS SWIVEL STRAIGHT



Part Number	Thread	Hose Size
FJ9480-6-6	11/16-16	-6
FJ9480-8-8	13/16-16	-8

ORS SWIVEL 90° ELBOW (SHORT)



Part Number	Thread	Hose Size
FJ9482-6-6	11/16-16	-6
FJ9482-8-8	13/16-16	-8

Medium Pressure Teflon High Performance Hose

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Max. Operating Pressure (psi)	Min. Burst (psi)
2807-3	.14	.25	3000	12000
FC807-4	.19	.30	3000	12000
FC807-5	.26	.37	3000	12000
FC807-6	.32	.43	2500	10000
FC807-8	.42	.54	2000	8000
FC807-10	.51	.63	1500	6000
FC807-12	.64	.76	1200	4800
FC807-16	.88	1.03	1000	4000
2807-20	1.12	1.29	625	2500

AEROQUIP 2807/FC807 TEFLON HOSE

Construction: Extruded Teflon tube with stainless steel single wire braid cover.
Application: Medium pressure use; ideal for steam, compressor discharge and virtually all chemical applications.
Temperature Range: -73°C to +232°C

"Super Gem" Reusable Fittings For Use With Teflon High Performance Hose

SAE 37° (JIC) SWIVEL

Part Number	Thread	Hose Size
190600-3	3/8-24	-3
63-190600-4	7/16-20	-4
63-190600-5	1/2-20	-5
63-190600-6	9/16-18	-6
63-190600-8	3/4-16	-8
63-190600-10	7/8-14	-10
63-190600-12	1-1/16-12	-12
63-190600-16	1-5/16-12	-16
63-190600-20	1-5/8-12	-20

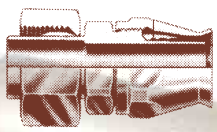
MALE PIPE

Part Number	Thread	Hose Size
38-190627-2-4	1/8-27	-4
38-190627-4-4	1/4-18	-4
38-190627-4-5	1/4-18	-5
38-190627-4-6	1/4-18	-6
38-190627-6-6	3/8-18	-6
38-190627-6-8	3/8-18	-8
38-190627-8-10	1/2-14	-10
38-190627-12-12	3/4-14	-12
38-190627-16-16	1-11½	-16
38-190627-20-20	1¼-11½	-20

SAE BALL SLEEVE

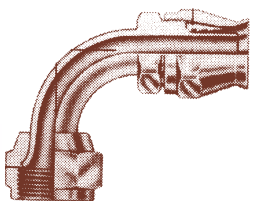
Part Number	Thread	Hose Size
190718-8	11/16-20	-8
190718-10	13/16-18	-10
190718-12	1-18	-12

SPECIAL BALL SLEEVE



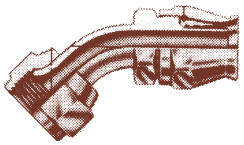
Part Number	Thread	Hose Size
190742-10	7/8-18	-10

90° ELBOW SAE 37° (JIC)



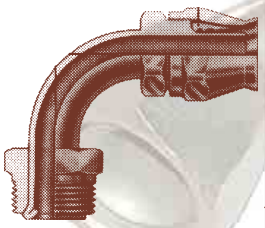
Part Number	Thread	Hose Size
190772-4	7/16-20	-4
190772-5	1/2-20	-5
190772-6	9/16-18	-6
190772-8	3/4-16	-8
190772-10	7/8-14	-10
190772-12	1-1/16-12	-12
190772-16	1-5/16-12	-16

45° ELBOW SAE 37° (JIC)



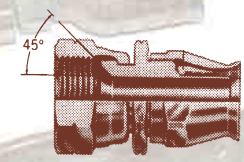
Part Number	Thread	Hose Size
190773-6	9/16-18	-6
190773-8	3/4-16	-8
190773-10	7/8-10	-10
190773-12	1-1/16-12	-12
190773-16	1-5/16-12	-16

90° SAE INVERTED FLARE



Part Number	Thread	Hose Size
190950-4	7/16-24	-4
190950-5	1/2-20	-5
190950-5-6	1/2-20	-6
190950-6	5/8-18	-6
190950-8	3/4-18	-8

SAE 45° SWIVEL



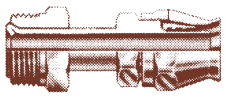
Part Number	Thread	Hose Size
63-190990-4	7/16-20	-4
63-190990-5	1/2-10	-5
63-190990-6	5/8-18	-6
63-190990-8	3/4-16	-8
63-190990-10	7/8-14	-10
63-190990-12	1-1/16-14	-12

COMPRESSION BALL SLEEVE

Part Number	Thread	Hose Size
38-191074-8	-8	-8
38-191074-10	-10	-10
38-191074-12	-12	-12

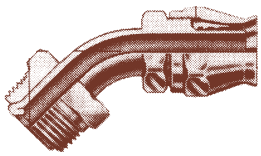
REPLACEMENT FERRULES Part Number
900568-3
900568-4
900568-5
900568-6
900568-8
900568-10
900568-12
900568-16
900568-20

SAE MALE INVERTED FLARE



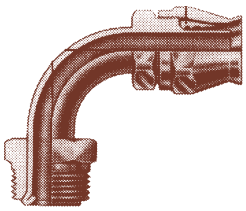
Part Number	Thread	Hose Size
FC9062-4-4	7/16-24	-4
FC9062-5-5	1/2-20	-5
FC9062-5-6	1/2-20	-6
FC9062-6-6	5/8-18	-6
FC9062-8-8	3/4-18	-8

45° SAE INVERTED MALE FLARE



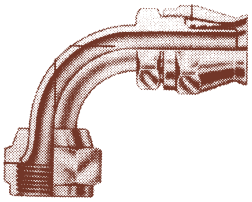
Part Number	Thread	Hose Size
FC9063-6-6	5/8-18	-6

LONG REACH INVERTED FLARE



Part Number	Thread	Hose Size
FC9141-8-8	3/4-18	-8

90° ELBOW SAE 45°



Part Number	Thread	Hose Size
FC9171-6-6	5/8-18	-6

EATON | Aeroquip

PREMIER A DISTRIBUTOR

Reusable Stainless Steel Fittings For Use With Teflon High Performance Hose

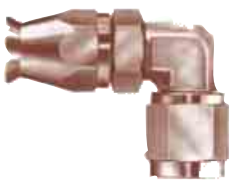
STRAIGHT S.A.E. 37° (JIC/AN) SWIVEL

Part Number	Hose & Fitting Dash Size
FCM1130	-3
FCM1102	-4

45° FORGED ADJUSTABLE ELBOW S.A.E. 37° (JIC/AN)

Part Number	Hose & Fitting Dash Size
FCM1140	-3
FCM1146	-4

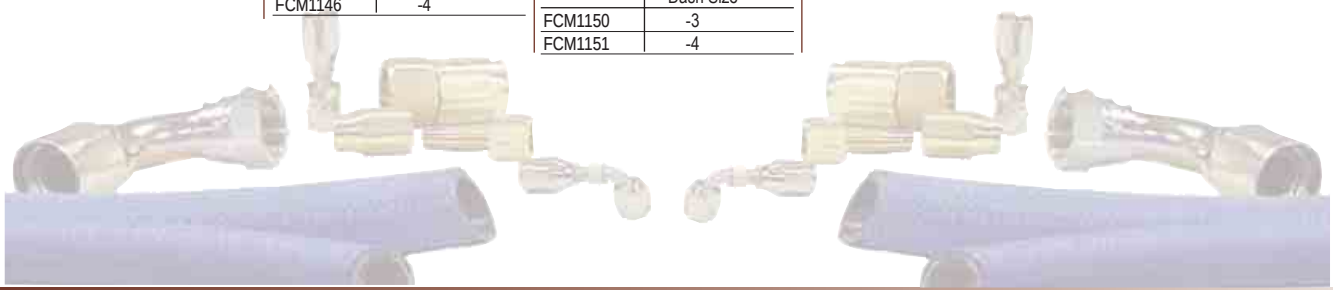
90° FORGED ADJUSTABLE ELBOW S.A.E. 37° (JIC/AN)



Part Number	Hose & Fitting Dash Size
FCM1150	-3
FCM1151	-4

REPLACEMENT STAINLESS STEEL SLEEVES

Part Number	Hose & Fitting Dash Size
FCM3821	-3



High Pressure Hose

EATON | Aeroquip

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Max. Operating Pressure (psi)	Min. Burst (psi)
FC310-6	.38	.68	4000	16000
FC310-8	.50	.79	3500	14000
FC510-4	.25	.57	5000	20000
FC510-6	.38	.69	4000	16000
FC510-8	.50	.80	3500	14000
FC510-10	.63	.93	2750	11000
FC510-12	.75	1.09	2250	9000
FC510-16	1.00	1.37	2000	8000
FC510-20	1.25	1.70	1625	6500

AEROQUIP FC310 - 1 WIRE HI-PAC

Construction: Synthetic rubber tube, single Hi-Pac carbon steel wire reinforcement; synthetic rubber cover.

Application: Hydraulic system service with petroleum and water-glycol base fluids, for general industrial service.

Temperature Range: -40°C to +100°C

AEROQUIP FC510 - 1 WIRE BRAID HI-PAC

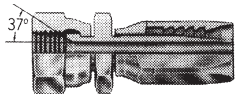
Construction: AQP elastomer tube, Hi-Pac braided carbon steel wire reinforcement; AQP elastomer blue cover.

Application: Hydraulic system service with petroleum and fire resistant fluids, for general industrial service.

Operating Temperature Range: -40°C to +150°C

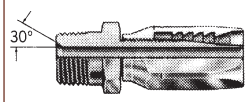
Standard Reusable Fittings For Use With FC310 & FC510 Hose

SAE 37° (JIC) SWIVEL



Part Number	Thread	Hose Size
FC5130-4-4	7/16-20	-4
FC5130-6-6	9/16-18	-6
FC5130-8-6	3/4-16	-6
FC5130-8-8	3/4-16	-8
FC5130-10-8	7/8-14	-8
FC5130-10-10	7/8-14	-10
FC5130-12-12	1-1/16-12	-12
FC5130-16-16	1-5/16-12	-16

MALE PIPE



Part Number	Thread	Hose Size
FC5131-4-4	1/4-18	-4
FC5131-6-6	3/8-18	-6
FC5131-8-8	1/2-14	-8
FC5131-12-12	3/4-14	-12
FC5131-16-16	1-11½	-16

High Pressure Hose Double Wire Braid

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Max. Operating Pressure (psi)	Min. Burst (psi)
FC195-4	.25	.69	5750	20000
FC195-6	.38	.84	5000	16000
FC195-8	.50	.97	4250	14000
FC195-10	.63	1.09	3250	11000
FC195-12	.75	1.25	3000	9000
FC195-16	1.00	1.56	2500	8000
FC195-20	1.25	2.00	2250	6500
FC195-24	1.50	2.25	1750	5000
FC195-32	2.00	2.75	1250	4500

AEROQUIP FC195 SAE100R2A DOUBLE WIRE BRAID

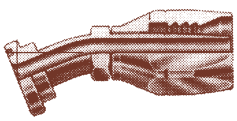
Construction: AQP elastomer tube, double wire braid reinforcement and blue AQP elastomer cover.

Application: Hydraulic system service with petroleum, fire resistant, and water base fluids, fuel, and lubricating systems.

Temperature Range: -40°C to +150°C.

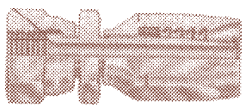
Standard Reusable Fittings For Use With FC195 Hose

22-1/2° SPLIT FLANGE



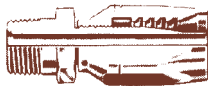
Part Number	Flange Size	Hose Size
4720-8	-8	-8
4720-12	-12	-12
4720-16-12	-16	-12
4720-16	-16	-16
4720-20-16	-20	-16
4720-20	-20	-20
4720-24	-24	-24

S.A.E. 37° (J.I.C.) SWIVEL



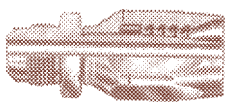
Part Number	Thread	Hose Size
4721-4-4	7/16-20	-4
4721-5-4	1/2-20	-4
4721-6-4	9/16-18	-4
4721-6-6	9/16-18	-6
4721-8-6	3/4-16	-6
4721-8-8	3/4-16	-8
4721-10-8	7/8-14	-8
4721-12-8	1-1/16-12	-8
4721-10	7/8-14	-10
4721-12-10	1-1/16-12	-10
4721-12	1-1/16-12	-12
4721-14-12	1-3/16-12	-12
4721-16-12	1-5/16-12	-12
4721-16	1-5/16-12	-16
4721-20-16	1-5/8-12	-16
4721-20	1-5/8-12	-20
4721-24	1-7/8-12	-24
4721-32	2½-12	-32

MALE PIPE



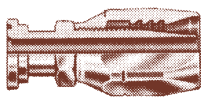
Part Number	Thread	Hose Size
4722-4-4	1/4-18	-4
4722-6-6	3/8-18	-6
4722-6-8	3/8-18	-8
4722-8-8	1/2-14	-8
4722-8-10	1/2-14	-10
4722-12-12	3/4-14	-12
4722-16-16	1-11½	-16
4722-20-20	1¼-11½	-20
4722-24-24	1½-11½	-24
4722-32-32	2-11½	-32

S.A.E. 37° (J.I.C.) MALE FLARE



Part Number	Thread	Hose Size
4725-4-4	7/16-20	-4
4725-5-4	1/2-20	-4
4725-6-4	9/16-18	-4
4725-6-6	9/16-18	-6
4725-8-6	3/4-16	-6
4725-8-8	3/4-16	-8
4725-10-8	7/8-14	-8
4725-12-8	1-1/16-12	-8
4725-10	7/8-14	-10
4725-12-10	1-1/16-12	-10
4725-12	1-1/16-12	-12
4725-14-12	1-3/16-12	-12
4725-16-12	1-5/16-12	-12
4725-16	1-5/16-12	-16
4725-20	1-5/8-12	-20
4725-24	1-7/8-12	-24

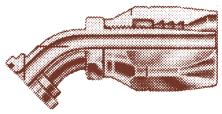
STRAIGHT SPLIT FLANG



Part Number	Flange Size	Hose Size
4744-8	-8	-8
4744-12-8	-12	-8
4744-12	-12	-12
4744-16-12	-16	-12
4744-16	-16	-16
4744-24-20	-24	-20
4744-20-24	-20	-24
4744-24	-24	-24

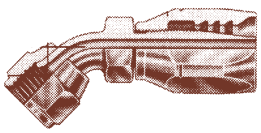
Standard Reusable Fittings For Use With FC195 Hose

45° SPLIT FLANGE



Part Number	Flange Size	Hose Size
4745-8	-8	-8
4745-12-8	-12	-8
4745-12	-12	-12
4745-16-12	-16	-12
4745-16	-16	-16
4745-20-16	-20	-16
4745-16-20	-16	-20
4745-24-20	-24	-20
4745-24	-24	-24

45° ELBOW

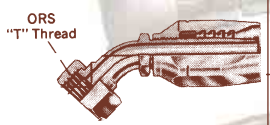


Part Number	Thread	Hose Size
190287-4	7/16-20	-4
190287-8-6	3/4-16	-6
190287-10-8	7/8-14	-8
190287-10	7/8-14	-10

60° SPLIT FLANGE

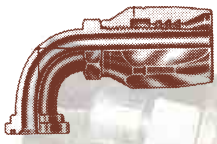
Part Number	Flange Size	Hose Size
4760-12	-12	-12
4760-16	-16	-16
4760-20-16	-20	-16
4760-20	-20	-20
4760-24	-24	-24

45° ELBOW



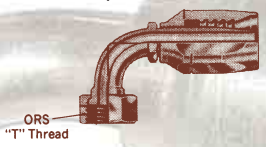
Part Number	Thread T
FJ9733-4-4	9/16-18
FJ9733-10-10	1-14
FJ9733-12-12	1-3/16-12
FJ9733-16-16	1-7/16-12
FJ9733-20-20	1-11/16-12

90° SPLIT FLANGE



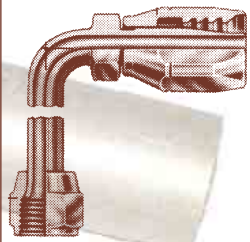
Part Number	Flange Size	Hose Size
4790-8	-8	-8
4790-12-8	-12	-8
4790-12	-12	-12
4790-16-12	-16	-12
4790-24-16	-24	-16
4790-16-20	-16	-20
4790-20	-20	-20
4790-32-20	-32	-20
4790-20-24	-20	-24
4790-24	-24	-24

90° ELBOW, SHORT DROP



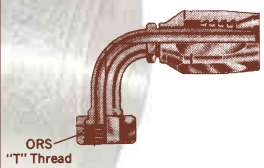
Part Number	Thread T
FJ9734-4-4	9/16-18
FJ9734-6-6	11/16-16
FJ9734-10-10	1-14
FJ9734-12-12	1-3/16-12

90° ELBOW (LONG)



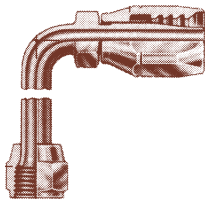
Part Number	Thread	Hose Size
190263-4	7/16-20	-4
190263-6	9/16-18	-6
190263-8-6	3/4-16	-6
190263-8	3/4-16	-8
190263-10-8	7/8-14	-8
190263-16	1-5/16-12	-16

90° ELBOW, LONG DROP



Part Number	Thread T
FJ9735-4-4	9/16-18
FJ9735-6-6	11/16-16
FJ9735-10-10	1-14
FJ9735-12-12	1-3/16-12
FJ9735-16-16	1-7/16-12
FJ9735-20-20	1-11/16-12

90° ELBOW (SHORT)



Part Number	Thread	Hose Size
190264-4	7/16-20	-4
190264-6	9/16-18	-6
190264-8-6	3/4-16	-6
190264-8	3/4-16	-8
190264-10-8	7/8-14	-8
190264-10	7/8-14	-10
190264-12	1-1/16-12	-12
190264-16	1-5/16-12	-16

EATON | Aeroquip

PREMIER DISTRIBUTOR

High Pressure Hose

AEROQUIP FC639 SAE100R17

Construction: Synthetic rubber tube with one or two wire braid reinforcements, fire and ozone resistant synthetic rubber cover.
Application: General industrial and hydraulic system service with petroleum and water-base fluids. Recommended for high-pressure oil lines used on construction equipment and other off-highway applications.
Temperature Range: -40°C to +100°C.

AEROQUIP FRH2AT/FC212 - DOUBLE WIRE BRAID - MEETS SAE100R2AT

Construction: Synthetic rubber tube, double wire braid reinforcement and synthetic rubber cover.
Application: Hydraulic system service with petroleum and water base fluids, for general industrial service.
Operating Temperature Range: -40°C to +100°C.

AEROQUIP GH793 MATCHMATE PLUS™ - DOUBLE WIRE BRAID - EXCEEDS SAE 100R2AT PERFORMANCE

Construction: Synthetic rubber tube, double wire braid reinforcement and synthetic rubber cover.
Application: Hydraulic system service with petroleum and water base fluids, for general industrial service.
Operating Temperature Range: -40°C to +100°C.

AEROQUIP GH781 - DOUBLE WIRE BRAID

Construction: Synthetic rubber tube, double wire braid reinforcement and synthetic rubber cover. Meets or exceeds DIN requirements at 1/2 SAE bend radius.
Application: Hydraulic system service with petroleum and water base fluids, for general industrial service.
Operating Temperature Range: -40°C to +100°C.

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Maximum Operating Pressure (psi)	Min. Burst Pressure (psi)
FC639-4	.25	.52	3000	12000
FC639-6	.38	.67	3000	12000
FC639-8	.50	.81	3000	12000
FC639-10**	.63	1.00	3000	12000
FC639-12**	.75	1.14	3000	12000
FC639-16**	1.00	1.43	3000	12000
**Two braids of high tensile wire.				
FRH2AT-4	.25	.60	5000	20000
FRH2AT-6	.38	.75	4000	16000
FRH2AT-8	.50	.88	3500	14000
FRH2AT-12	.75	1.16	2250	9000
FRH2AT-16	1.00	1.50	2000	8000
FC212-20	1.25	1.89	1625	6500
FC212-24	1.50	2.15	1250	5000
FC212-32	2.00	2.51	1125	4500
GH793-4	.25	.60	5750	23000
GH793-6	.38	.75	5000	20000
GH793-8	.50	.87	4250	17000
GH793-10	.63	.98	3625	14500
GH793-12	.75	1.16	3125	12500
GH793-16	1.00	1.50	2500	10000
GH793-20	1.25	1.92	2250	9000
GH793-24	1.50	2.15	1800	7200
GH793-32	2.00	2.51	1300	5200
GH781-4	.25	.53	5800	23000
GH781-6	.38	.69	5000	20000
GH781-8	.50	.81	4250	17000
GH781-10	.63	.93	3625	14500
GH781-12	.75	1.10	3125	12500
GH781-16	1.00	1.42	2500	10000
GH781-20	1.25	1.65	2250	9000
GH781-24	1.50	2.03	1800	7200
GH781-32	2.00	2.53	1300	5200

AEROQUIP
High Pressure Hose

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Min. Bend Radius (inches)	Maximum Operating Pressure (psi)	Min. Burst (psi)
GH120-4	.25	.56	2.0	5000	20000
GH120-6	.38	.68	2.5	4000	16000
GH120-8	.50	.82	3.5	3500	14000
GH120-10	.63	.98	4.0	2750	11000
GH120-12	.75	1.12	4.75	2250	9000
GH120-16	1.00	1.41	6.00	2000	8000
GH120-20	1.25	1.71	8.25	1625	6500
GH120-24	1.50	2.03	10.00	1250	5000
GH120-32	2.00	2.51	12.50	1125	4500
FC579-4	.25	.55	—	10,000	20,000
FC849B-4	.25	.62	—	4000	16,000
FC849B-6	.38	.78	—	4000	16,000
FC849B-8	.50	.90	—	4000	16,000
FC849B-10	.63	1.04	—	4000	16,000
FC849B-12	.75	1.20	—	4000	16,000

AEROQUIP GH120 MATCHMATE ICE™ - DOUBLE WIRE BRAID

Meets specification SAE J343; and SAE 100R16 performances.
Construction: Exclusive low temperature compound tube, double wire braid reinforcement, and exclusive low temperature cover. Meets or exceeds DIN requirements at 1/2 SAE bend radius.
Application: Low temperature flexing and hydraulic system service with petroleum and water based fluids, for general industrial service.
Operating Temperature Range: -57°C to +100°C.

AEROQUIP FC579 - DOUBLE WIRE BRAID

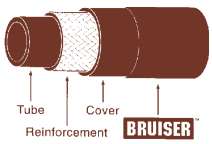
Meets specification IJ100.
Construction: Synthetic rubber tube, double wire braid reinforcement and synthetic rubber cover.
Application: Hydraulic jack service with petroleum and water base fluids.
Operating Temperature Range: -40°C to +100°C.

AEROQUIP BRUISER HOSE:

- Has the highest resistance to abrasion of any known polymer-covered hose
- Greatly reduces costly downtime by preventing abrasion-related hose failures
- Resists abrasion 240 times better than five leading rubber-covered hoses
- Installs and routes easily due to slick hose surface
- Eliminates the need for "bundling" with nylon sleeves

BRUISER hose was designed to work where hydraulic hose is subjected to constant abuse and abrasion from: •hose-to-machine •hose-to-hose •hose-to-environment
For OEM or replacement use in really tough work environments like construction, mining, forestry and agricultural equipment applications, it's BRUISER or BUST!

BRUISER cross section



Abrasion Test Results Using ISO 6945 To Failure

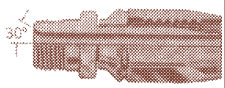
Product Tested	Cycles Completed
BRUISER	2,000,000+
Nylon Sleeve	510,000
Tuffcoat	182,188
Average of five competitors	8,187

AEROQUIP FC849B BRUISER - DOUBLE WIRE BRAID

Construction: Synthetic rubber inner tube, double steel wire braid reinforcement, synthetic rubber cover, and BRUISER polyethylene sheath.
Application: Hydraulic system service with petroleum and water based fluids, for general industrial service.
Operating Temperature Range: -40°C to +100°C.

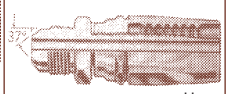
Thru-The-Cover Reusable Fittings For Use With Hose Styles FRH2AT And GH793.

MALE PIPE



Part Number	Thread	Hose Size
FC5985-4-4	1/4-18	-4
FC5985-6-6	3/8-18	-6
FC5985-8-8	1/2-14	-8
FC5985-12-12	3/4-14	-12
FC5985-16-16	1-11½	-16

S.A.E. 37° (J.I.C.) MALE FLARE



Part Number	Thread	Hose Size
FC5986-4-4	7/16-20	-4
FC5986-6-6	9/16-18	-6
FC5986-8-8	3/4-16	-8
FC5986-12-12	1-1/16-12	-12
FC5986-16-16	1-5/16-12	-16

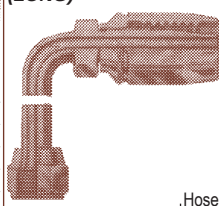
S.A.E. 37° (J.I.C.) SWIVEL

Part Number	Thread	Hose Size
FC5988-4-4	7/16-20	-4
FC5988-6-6	9/16-18	-6
FC5988-8-6	3/4-16	-6
FC5988-8-8	3/4-16	-8
FC5988-10-8	7/8-14	-8
FC5988-12-8	1-1/16-12	-8
FC5988-12-12	1-1/16-12	-12
FC5988-16-16	1-5/16-12	-16

S.A.E. 37° (J.I.C.) SWIVEL, 45° ELBOW

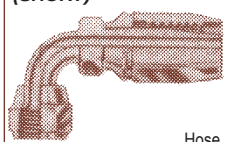
Part Number	Thread	Hose Size
FC5990-4-4	7/16-20	-4
FC5990-6-6	9/16-18	-6
FC5990-8-8	3/4-16	-8
FC5990-12-12	1-1/16-12	-12
FC5990-16-16	1-5/16-12	-16

S.A.E. 37° (J.I.C.) SWIVEL, 90° ELBOW (LONG)



Part Number	Thread	Hose Size
FC5991-4-4	7/16-20	-4
FC5991-6-6	9/16-18	-6
FC5991-8-8	3/4-16	-8
FC5991-12-12	1-1/16-12	-12
FC5991-16-16	1-5/16-12	-16

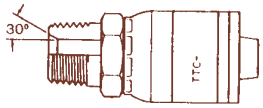
S.A.E. 37° (J.I.C.) SWIVEL, 90° ELBOW (SHORT)



Part Number	Thread	Hose Size
FC5992-4-4	7/16-20	-4
FC5992-6-6	9/16-18	-6
FC5992-8-8	3/4-16	-8
FC5992-12-12	1-1/16-12	-12
FC5992-16-16	1-5/16-12	-16

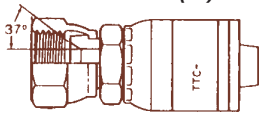
Fittings For Use With Hose Styles FC619, FC639, GH195, GH120, GH663, FC310, FC510, GH793, FRH1AT, FRH2AT, GH781, FC849B, FC579.

MALE PIPE (MP)



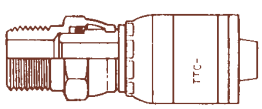
Part Number	Thread	Hose Size
1AA2MP4	1/8-27	-4
1AA4MP4	1/4-18	-4
1AA6MP4	3/8-18	-4
1AA4MP6	1/4-18	-6
1AA6MP6	3/8-18	-6
1AA8MP6	1/2-14	-6
1AA4MP8	1/4-18	-8
1AA6MP8	3/8-18	-8
1AA8MP8	1/2-14	-8
1AA12MP8	3/4-14	-8
1AA8MP10	1/2-14	-10
1AA12MP10	3/4-14	-10
1AA8MP12	1/2-14	-12
1AA12MP12	3/4-14	-12
1AA16MP12	1-11½	-12
1AA12MP16	3/4-14	-16
1AA16MP16	1-11½	-16
1AA20MP16	1¼ - 11½	-16
1AR16MP20*	1-11½	-20
1AV16MP20†	1-11½	-20
1AR20MP20*	1¼ - 11½	-20
1AV20MP20†	1¼ - 11½	-20
1AA24MP24	1½ - 11½	-24
1AA32MP32	2 - 11½	-32

FEMALE J.I.C./S.A.E. 37° SWIVEL (FJ)



Part Number	Thread	Hose Size
1AA3FJ4	3/8-24	-4
1AA4FJ4	7/16-20	-4
1AA5FJ4	1/2-20	-4
1AA6FJ4	9/16-18	-4
1AA4FJ6	7/16-20	-6
1AA6FJ6	9/16-18	-6
1AA8FJ6	3/4-16	-6
1AA10FJ6	7/8-14	-6
1AA8FJ8	3/4-16	-8
1AA10FJ8	7/8-14	-8
1AA12FJ8	1-1/16-12	-8
1AA16FJ8	1-5/16-12	-8
1AA8FJ10	3/4-16	-10
1AA10FJ10	7/8-14	-10
1AA12FJ10	1-1/16-12	-10
1AA10FJ12	7/8-14	-12
1AA12FJ12	1-1/16-12	-12
1AA14FJ12	1-3/16-12	-12
1AA16FJ12	1-5/16-12	-12
1AA12FJ16	1-1/16-12	-16
1AA16FJ16	1-5/16-12	-16
1AA20FJ16	1-5/8-12	-16
1AR16FJ20*	1-5/16-12	-20
1AV16FJ20†	1-5/16-12	-20
1AR20FJ20*	1-5/8-12	-20
1AV20FJ20†	1-5/8-12	-20
1AA24FJ24	1-7/8-12	-24
1AA32FJ32	2½-12	-32

MALE PIPE SWIVEL (PS)



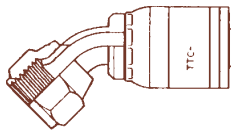
Part Number	Thread	Hose Size
1AA4PS4	1/4-18	-4
1AA6PS6	3/8-18	-6
1AA8PS6	1/2-14	-6
1AA6PS8	3/8-18	-8
1AA8PS8	1/2-14	-8
1AA12PS12	3/4-14	-12
1AA16PS16	1-11-1/2	-16

* — Single Wire Hose Fitting
† — Double Wire Hose Fitting

EATON | Aeroquip

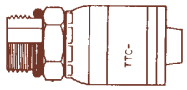
Fittings For Use With Hose Styles FC619, FC639, GH195, GH120, GH663, FC310, FC510, GH793, FRH1AT, FRH2AT, GH781, FC849B, FC579.

FEMALE J.I.C./S.A.E. 37° SWIVEL 45° ELBOW (FJA)



Part Number	Thread	Hose Size
1AA4FJA4	7/16-20	-4
1AA5FJA4	1/2-20	-4
1AA6FJA4	9/16-18	-4
1AA6FJA6	9/16-18	-6
1AA8FJA6	3/4-16	-6
1AA8FJA8	3/4-16	-8
1AA10FJA8	7/8-14	-8
1AA10FJA10	7/8-14	-10
1AA12FJA10	1-1/16-12	-10
1AA12FJA12	1-1/16-12	-12
1AA16FJA16	1-5/16-12	-16
1AR20FJA20*	1-5/8-12	-20
1AV20FJA20†	1-5/8-12	-20

MALE BOSS O-RING (MB)

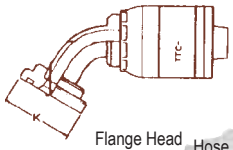


Part Number	Thread	Hose Size
1AA4MB4	7/16-20	-4
1AA5MB4	1/2-20	-4
1AA6MB4	9/16-18	-4
1AA6MB6	9/16-18	-6
1AA8MB6	3/4-16	-6
1AA8MB8	3/4-16	-8
1AA10MB8	7/8-14	-8
1AA12MB8	1-1/16-12	-8
1AA12MB12	1-1/16-12	-12
1AA16MB12	1-5/16-12	-12
1AA16MB16	1-5/16-12	-16
1AR20MB20*	1-5/8-12	-20
1AV20MB20†	1-5/8-12	-20
1AA24MB24	1-7/8-12	-24

MALE ORS (MR)

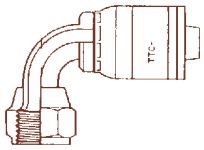
Part Number	Thread	Hose Size
1AA4MR4	9/16-18	-4
1AA6MR6	11/16-16	-6
1AA8MR6	13/16-16	-6
1AA8MR8	13/16-16	-8
1AA12MR12	1-3/16-12	-12
1AA16MR12	1-7/16-12	-12

S.A.E. CODE 61 SPLIT FLANGE 60° ELBOW (FLG)



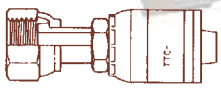
Part Number	Flange Head Dia. K	Hose Size
1A16FLG16	1.75	-16
1A24FLG24	2.37	-24

FEMALE J.I.C./S.A.E. 37° SWIVEL 90° ELBOW (FJB)



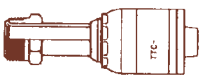
Part Number	Thread	Hose Size
1AA4FJB4	7/16-20	-4
1AA5FJB4	1/2-20	-4
1AA6FJB4	9/16-18	-4
1AA6FJB6	9/16-18	-6
1AA6FJB8	9/16-18	-8
1AA8FJB6	3/4-16	-6
1AA8FJB8	3/4-16	-8
1AA10FJB8	7/8-14	-8
1AA10FJB10	7/8-14	-10
1AA12FJB10	1-1/16-12	-10
1AA12FJB12	1-1/16-12	-12
1AA16FJB12	1-5/16-12	-12
1AA16FJB16	1-5/16-12	-16
1AR20FJB20*	1-5/8-12	-20
1AV20FJB20†	1-5/8-12	-20
1AA24FJB24	1-7/8-12	-24

FEMALE ORS SWIVEL (FR)



Part Number	Thread	Hose Size
1AA4FR4	9/16-18	-4
1AA6FR4	11/16-16	-4
1AA6FR6	11/16-16	-6
1AA8FR6	13/16-16	-6
1AA6FR8	11/16-16	-8
1AA8FR8	13/16-16	-8
1AA10FR8	1-14	-8
1AA12FR8	1-3/16-12	-8
1AA10FR10	1-14	-10
1AA12FR10	1-3/16-12	-10
1AA10FR12	1-14	-12
1AA12FR12	1-3/16-12	-12
1AA16FR12	1-7/16-12	-12
1AA16FR16	1-7/16-12	-16
1AA20FR16	1-11/16-12	-16
1AR20FR20*	1-11/16-12	-20
1AV20FR20†	1-11/16-12	-20
1AR24FR20*	2-12	-20
1AV24FR20†	2-12	-20
1AA24FR24	2-12	-24

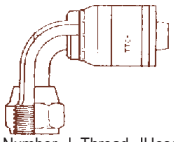
MALE S.A.E. INVERTED FLARE SWIVEL (MF)



Part Number	Thread	Hose Size
1AA4MF4	7/16-24	-4
1AA6MF6	5/8-18	-6
1AA8MF8	3/4-18	-8

* — Single Wire Hose Fitting
† — Double Wire Hose Fitting

FEMALE J.I.C./S.A.E. 37° SWIVEL 90° LONG DROP ELBOW (FJC)



Part Number	Thread	Hose Size
1AA4FJC4	7/16-20	-4
1AA5FJC4	1/2-20	-4
1AA6FJC6	9/16-18	-6
1AA8FJC6	3/4-16	-6
1AA8FJC8	3/4-16	-8
1AA10FJC8	7/8-14	-8
1AA10FJC10	7/8-14	-10
1AA12FJC12	1-1/16-12	-12
1AA16FJC16	1-5/16-12	-16
1AR20FJC20*	1-5/8-12	-20
1AV20FJC20†	1-5/8-12	-20

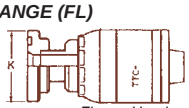
FEMALE ORS SWIVEL 45° ELBOW (FRA)

Part Number	Thread	Hose Size
1AA4FRA4	9/16-18	-4
1AA6FRA4	11/16-16	-4
1AA6FRA6	11/16-16	-6
1AA8FRA6	13/16-16	-6
1AA8FRA8	13/16-16	-8
1AA10FRA8	1-14	-8
1AA10FRA10	1-14	-10
1AA12FRA12	1-3/16-12	-12
1AA16FRA16	1-7/16-12	-16
1AR20FRA20*	1-11/16 - 12	-20
1AV20FRA20†	1-11/16 - 12	-20

MALE S.A.E.INVERTED FLARE SWIVEL 45° ELBOW (MFA)

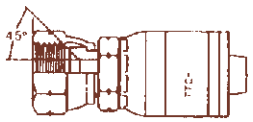
Part Number	Thread	Hose Size
1AA4MFA4	7/16-24	-4
1AA6MFA6	5/8-18	-6
1AA8MFA8	3/4-18	-8

S.A.E. CODE 61 SPLIT FLANGE (FL)



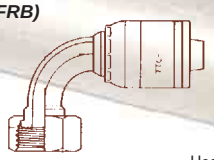
Part Number	Flange Head Dia. K	Hose Size
1A8FL8	1.19	-8
1A12FL8	1.50	-8
1A12FL10	1.50	-10
1A12FL12	1.50	-12
1A16FL12	1.75	-12
1A20FL12	2.00	-12
1A16FL16	1.75	-16
1A20FL16	2.00	-16
1AP16FL20*	1.75	-20
1AT16FL20†	1.75	-20
1AP20FL20*	2.00	-20
1AT20FL20†	2.00	-20
1AP24FL20*	2.38	-20
1AT24FL20†	2.38	-20
1AP32FL20*	2.81	-20
1AT32FL20†	2.81	-20
1A24FL24	2.38	-24
1A32FL24	2.81	-24
1A32FL32	2.81	-32

FEMALE S.A.E. 45° SWIVEL (FS)



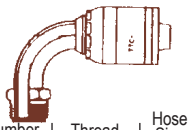
Part Number	Thread	Hose Size
1AA4FS4	7/16-20	-4
1AA4FS6	7/16-20	-6
1AA6FS6	5/8-18	-6
1AA8FS8	3/4-16	-8
1AA10FS8	7/8-14	-8
1AA12FS12	1-1/16-14	-12

FEMALE ORS SWIVEL 90° SHORT DROP ELBOW (FRB)



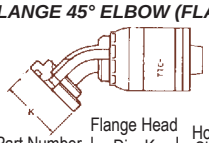
Part Number	Thread	Hose Size
1AA4FRB4	9/16-18	-4
1AA6FRB4	11/16-16	-4
1AA6FRB6	11/16-16	-6
1AA8FRB6	13/16-16	-6
1AA6FRB8	11/16-16	-8
1AA8FRB8	13/16-16	-8
1AA10FRB8	1-14	-8
1AA12FRB8	1-3/16-12	-8
1AA10FRB10	1-14	-10
1AA12FRB10	1-3/16-12	-10
1AA12FRB12	1-3/16-12	-12
1AA16FRB12	1-7/16-12	-12
1AA16FRB16	1-7/16-12	-16
1AR20FRB20*	1-11/16 - 12	-20
1AV20FRB20†	1-11/16 - 12	-20
1AA24FRB24	2-12	-24

MALE S.A.E. INVERTED FLARE SWIVEL 90° ELBOW (MFB)



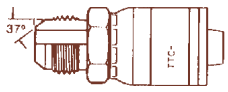
Part Number	Thread	Hose Size
1AA4MFB4	7/16-24	-4
1AA6MFB6	5/8-18	-6
1AA8MFB8	3/4-18	-8

S.A.E. CODE 61 SPLIT FLANGE 45° ELBOW (FLA)



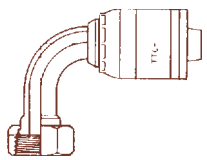
Part Number	Flange Head Dia. K	Hose Size
1A8FLA8	1.19	-8
1A12FLA8	1.50	-8
1A12FLA12	1.50	-12
1A16FLA12	1.75	-12
1A16FLA16	1.75	-16
1A20FLA16	2.00	-16
1AP16FLA20*	1.75	-20
1AT16FLA20†	1.75	-20
1AP20FLA20*	2.00	-20
1AT20FLA20†	2.00	-20
1AP24FLA20*	2.37	-20
1AT24FLA20†	2.37	-20
1A24FLA24	2.37	-24
1A24FLA32	2.37	-32
1A32FLA32	2.81	-32

MALE J.I.C./S.A.E. 37° (MJ)



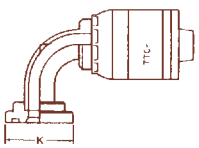
Part Number	Thread	Hose Size
1AA4MJ4	7/16-20	-4
1AA5MJ4	1/2-20	-4
1AA6MJ4	9/16-18	-4
1AA6MJ6	9/16-18	-6
1AA8MJ6	3/4-16	-6
1AA8MJ8	3/4-16	-8
1AA10MJ8	7/8-14	-8
1AA12MJ8	1-1/16-12	-8
1AA10MJ10	7/8-14	-10
1AA12MJ10	1-1/16-12	-10
1AA10MJ12	7/8-14	-12
1AA12MJ12	1-1/16-12	-12
1AA14MJ12	1-3/16-12	-12
1AA16MJ12	1-5/16-12	-12
1AA16MJ16	1-5/16-12	-16
1AR20MJ20*	1-5/8-12	-20
1AV20MJ20†	1-5/8-12	-20
1AA24MJ24	1-7/8-12	-24

FEMALE ORS SWIVEL 90° LONG DROP ELBOW (FRC)



Part Number	Thread	Hose Size
1AA4FRC4	9/16-18	-4
1AA6FRC4	11/16-16	-4
1AA8FRC4	13/16-16	-4
1AA6FRC6	11/16-16	-6
1AA8FRC6	13/16-16	-6
1AA8FRC8	13/16-16	-8
1AA10FRC10	1-14	-10
1AA12FRC12	1-3/16-12	-12
1AA16FRC16	1-7/16-12	-16
1AR20FRC20*	1-11/16 - 12	-20
1AV20FRC20†	1-11/16 - 12	-20

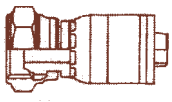
S.A.E. Code 61 Split Flange 90° Elbow (FLB)



Part Number	Flange Head Dia. K	Hose Size
1A8FLB8	1.19	-8
1A12FLB8	1.50	-8
1A12FLB10	1.50	-10
1A12FLB12	1.50	-12
1A16FLB12	1.75	-12
1A16FLB16	1.75	-16
1A20FLB16	2.00	-16
1A24FLB16	2.37	-16
1AT16FLB20†	1.75	-20
1AP20FLB20*	2.00	-20
1AT20FLB20†	2.00	-20
1AP24FLB20*	2.37	-20
1AT24FLB20†	2.37	-20
1A24FLB24	2.37	-24
1A32FLB24	2.81	-24
1A32FLB32	2.81	-32

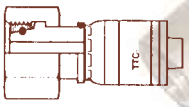
Fittings For Use With Hose Styles FC619, FC639, GH195, GH120, GH663, FC310, FC510, GH793, FRH1AT, FRH2AT, GH781, FC849B, FC579.

BSP FEMALE SWIVEL FITTING (BF)



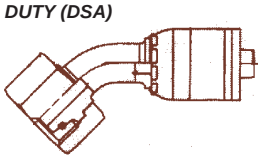
Part Number	Thread	Hose Size
1A4BF4	G 1/4	-4
1A6BF6	G 3/8	-6
1A8BF6	G 1/2	-6
1A8BF8	G 1/2	-8
1A10BF10	G 5/8	-10
1A12BF12	G 3/4	-12
1A16BF16	G 1	-16
1AT20BF20†	G 1¼	-20

DKO FEMALE SWIVEL FITTING, LIGHT DUTY (DL)



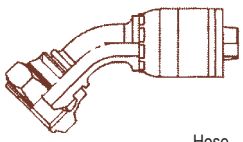
Part Number	Thread	Hose Size
1A5DL4	M 12 x 1.5	-4
1A6DL4	M 14 x 1.5	-4
1A8DL6	M 16 x 1.5	-6
1A10DL6	M 18 x 1.5	-6
1A12DL8	M 22 x 1.5	-8
1A16DL10	M 26 x 1.5	-10
1A20DL12	M 30 x 2	-12
1A25DL16	M 36 x 2	-16
1AT32DL20†	M 45 x 2	-20
1A40DL24	M 52 x 2	-24

DKO FEMALE SWIVEL, 45° ELBOW FITTING, HEAVY DUTY (DSA)



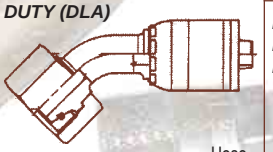
Part Number	Thread	Hose Size
1A6DSA4	M 18 x 1.5	-4
1A8DSA6	M 20 x 1.5	-6
1A10DSA6	M 22 x 1.5	-6
1A12DSA8	M 24 x 1.5	-8
1A16DSA10	M 30 x 2	-10
1A20DSA12	M 36 x 2	-12
1A25DSA16	M 42 x 2	-16

BSP FEMALE SWIVEL, 45° ELBOW FITTING (BFA)



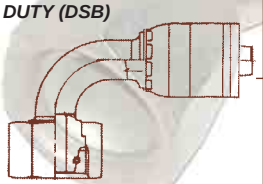
Part Number	Thread	Hose Size
1A4BFA4	G 1/4	-4
1A6BFA6	G 3/8	-6
1A8BFA8	G 1/2	-8
1A10BFA10	G 5/8	-10
1A12BFA12	G 3/4	-12
1A16BFA16	G 1	-16
1AT20BFA20†	G 1¼	-20

DKO FEMALE SWIVEL, 45° ELBOW FITTING, LIGHT DUTY (DLA)



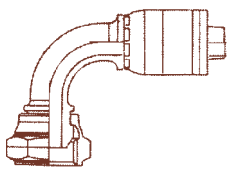
Part Number	Thread	Hose Size
1A6DLA4	M 14 x 1.5	-4
1A8DLA6	M 16 x 1.5	-6
1A10DLA6	M 18 x 1.5	-6
1A12DLA8	M 22 x 1.5	-8
1A16DLA10	M 26 x 1.5	-10
1A20DLA12	M 30 x 2	-12
1A25DLA16	M 36 x 2	-16

DKO FEMALE SWIVEL, 90° ELBOW FITTING, HEAVY DUTY (DSB)



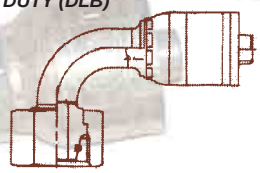
Part Number	Thread	Hose Size
1A6DSB4	M 18 x 1.5	-4
1A8DSB6	M 20 x 1.5	-6
1A10DSB6	M 22 x 1.5	-6
1A12DSB8	M 24 x 1.5	-8
1A16DSB10	M 30 x 2	-10
1A20DSB12	M 36 x 2	-12
1A25DSB16	M 42 x 2	-16

BSP FEMALE SWIVEL, 90° ELBOW FITTING (BFB)



Part Number	Thread	Hose Size
1A4BFB4	G 1/4	-4
1A6BFB6	G 3/8	-6
1A8BFB6	G 1/2	-6
1A8BFB8	G 1/2	-8
1A10BFB10	G 5/8	-10
1A12BFB12	G 3/4	-12
1A16BFB16	G 1	-16
1AT20BFB20†	G 1¼	-20

DKO FEMALE SWIVEL, 90° ELBOW FITTING, LIGHT DUTY (DLB)

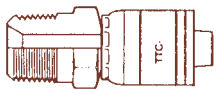


Part Number	Thread	Hose Size
1A5DLB4	M 12 x 1.5	-4
1A6DLB4	M 14 x 1.5	-4
1A8DLB6	M 16 x 1.5	-6
1A10DLB6	M 18 x 1.5	-6
1A12DLB8	M 22 x 1.5	-8
1A16DLB10	M 26 x 1.5	-10
1A20DLB12	M 30 x 2	-12
1A25DLB16	M 36 x 2	-16

24° MALE FITTING, HEAVY DUTY (FITS DKO FEMALE, HEAVY DUTY) (EK)

Part Number	Thread	Hose Size
1A5EK4	M 16 x 1.5	-4
1A6EK4	M 18 x 1.5	-4
1A8EK6	M 20 x 1.5	-6
1A10EK6	M 22 x 1.5	-6
1A12EK8	M 24 x 1.5	-8
1A16EK10	M 30 x 2	-10
1A20EK12	M 36 x 2	-12
1A25EK16	M 42 x 2	-16

BSP MALE TAPERED, BSPT FITTING (BT)

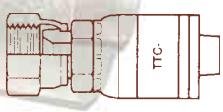


Part Number	Thread	Hose Size
1A4BT4	R 1/4-19	-4
1A6BT6	R 3/8-19	-6
1A8BT8	R 1/2-14	-8
1A12BT12	R 3/4-14	-12
1A16BT16	R 1-11	-16
1AT20BT20†	R 1¼-11	-20

24° MALE FITTING, LIGHT DUTY (FITS DKO FEMALE, LIGHT DUTY) (DK)

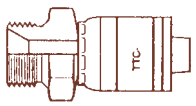
Part Number	Thread	Hose Size
1A5DK4	M 12 x 1.5	-4
1A6DK4	M 14 x 1.5	-4
1A8DK6	M 16 x 1.5	-6
1A10DK6	M 18 x 1.5	-6
1A12DK8	M 22 x 1.5	-8
1A16DK10	M 26 x 1.5	-10
1A20DK12	M 30 x 2	-12
1A25DK16	M 36 x 2	-16
1AT32DK20†	M 45 x 2	-20

JIS FEMALE SWIVEL FITTING (30° SEAT, JAPANESE STYLE) (JF)



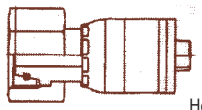
Part Number	Thread	Hose Size
1A4JF4	G 1/4	-4
1A6JF6	G 3/8	-6
1A8JF8	G 1/2	-8
1A12JF12	G 3/4	-12
1A16JF16	G 1	-16
1AT20JF20†	G 1-1/4	-20

BSP MALE PARALLEL FITTING (BP)



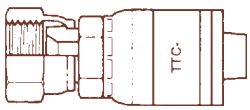
Part Number	Thread	Hose Size
1A4BP4	G 1/4	-4
1A6BP6	G 3/8	-6
1A8BP6	G 1/2	-6
1A8BP8	G 1/2	-8
1A12BP12	G 3/4	-12
1A16BP16	G 1	-16

DKO FEMALE SWIVEL FITTING, HEAVY DUTY (DS)



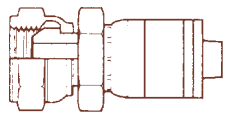
Part Number	Thread	Hose Size
1A5DS4	M 16 x 1.5	-4
1A6DS4	M 18 x 1.5	-4
1A8DS6	M 20 x 1.5	-6
1A10DS6	M 22 x 1.5	-6
1A12DS8	M 24 x 1.5	-8
1A16DS10	M 30 x 2	-10
1A20DS12	M 36 x 2	-12
1A25DS16	M 42 x 2	-16

KOMATSU FEMALE SWIVEL FITTING (KF)



Part Number	Thread	Hose Size
1A4KF4	M 14 x 1.5	-4
1A6KF6	M 18 x 1.5	-6
1A8KF8	M 22 x 1.5	-8
1A10KF10	M 24 x 1.5	-10
1A10KF12	M 24 x 1.5	-12
1A12KF12	M 30 x 1.5	-12
1A16KF16	M 33 x 1.5	-16

BSP FEMALE SWIVEL FITTING (JM)



Part Number	Thread	Hose Size
1A4JM4	G 1/4	-4
1A6JM6	G 3/8	-6
1A8JM8	G 1/2	-8
1A12JM12	G 3/4	-12
1A16JM16	G 1	-16

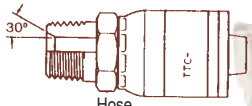
STAINLESS STEEL FITTINGS

Aeroquip stainless steel crimp fittings offer the ultimate in corrosion resistance for demanding applications. These TTC fittings are made from high quality 316 stainless steel. They provide excellent resistance to corrosive chemicals, humid environments, salt air, and salt water. Crimp specifications are identical to the specifications for standard MatchMate Plus TTC fittings.

FEMALE J.I.C./S.A.E. 37° SWIVEL (FJ)

Part Number	Thread	Hose Size
SS1AA4FJ4C	7/16-20	-4
SS1AA6FJ6C	9/16-18	-6
SS1AA8FJ8C	3/4-16	-8
SS1AA10FJ10C	7/8-14	-10
SS1AA12FJ12C	1-1/16-12	-12
SS1AA16FJ16C	1-5/16-12	-16
SS1AR20FJ20C*	1-5/8-12	-20

MALE PIPE (MP)



Part Number	Thread	Hose Size
SS1AA4MP4C	1/4-18	-4
SS1AA6MP6C	3/8-18	-6
SS1AA8MP8C	1/2-14	-8
SS1AA12MP12C	3/4-14	-12
SS1AA16MP16C	1-11-1/2	-16
SS1AR20MP20C*	1¼-11½	-20

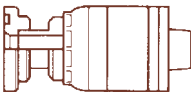
* — Single Wire Hose Fitting
† — Double Wire Hose Fitting

EATON | Aeroquip

Fittings For Use With Hose Styles FC619, FC639, GH195, GH120, GH663, FC310, FC510, GH793, FRH1AT, FRH2AT, GH781, FC849B, FC579.

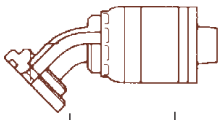
All Aeroquip standard Code 61 split flange fittings and o-rings will directly interchange with Komatsu flange fittings. However, split flange halves and bolts are not interchangeable. There is no Code 61 split flange in the -10 size so the special -10 size Komatsu flange fitting listed below may be used.
Note: A special Komatsu o-ring must be used in the -10 split flange fittings. No other o-ring, no matter how similar in appearance, can be used.

KOMATSU SPLIT FLANGE FITTING (KS)



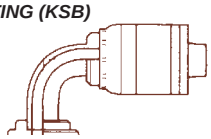
Part Number	Flange Head Diameter	Hose Size
1A10KS10	34.2 mm	-10

KOMATSU SPLIT FLANGE 45° FITTING (KSA)



Part Number	Flange Head Diameter	Hose Size
1A10KSA10	34.2 mm	-10

KOMATSU SPLIT FLANGE 90° FITTING (KSB)



Part Number	Flange Head Diameter	Hose Size
1A10KSB10	34.2 mm	-10

Komatsu Dash Size to Code 61 Dash Size Interchange

Komatsu Flange Fitting Dash Size	Aeroquip Standard Code 61 Flange Fitting Dash Size
-4	-8
-5	Not Available*
-6	-12
-10	-16
-12	-20
-14	-24
-20	-32

*Use special -10 Komatsu flange fittings shown at left.

Spiral Wire Hose

AEROQUIP GH493 - FOUR HEAVY SPIRAL WIRE SAE 100R12
Construction: Synthetic rubber tube, 4 spiral wire reinforcement, black synthetic rubber cover.
Application: Hydraulic system service with petroleum and water base fluids, for general industrial service.
Operating Temperature Range: -40°C to +121°C.

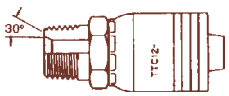
AEROQUIP FC659 SAE100R12
Construction: Synthetic rubber tube, 4 spiral wire reinforcement and synthetic rubber cover.
Application: Hydraulic system service with petroleum and water-base fluids requiring premium performance and flexibility.
Temperature Range: -40°C to +121°C.

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Maximum Operating Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Rad.* (inches)
GH493-6	.38	.79	4000	16000	-
GH493-8	.50	.92	4000	16000	-
GH493-10	.63	1.11	4000	16000	-
GH493-12	.75	1.20	4000	16000	-
GH493-16	1.00	1.48	4000	16000	-
GH493-20	1.25	1.83	3000	12000	-
GH493-24	1.50	2.12	2500	10000	-
GH493-32	2.00	2.64	2500	10000	-
FC659-6	.38	.79	4000	16000	2.50
FC659-8	.50	.92	4000	16000	3.50
FC659-10	.63	1.11	4000	16000	4.75
FC659-12	.75	1.20	4000	16000	4.75
FC659-16	1.00	1.48	4000	16000	6.00
FC659-20	1.25	1.83	3000	12000	8.25
FC659-24	1.50	2.12	2500	10000	10.00
FC659-32	2.00	2.64	2500	10000	12.50

*1/2 SAE bend radius

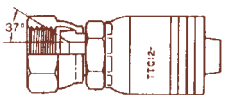
Fittings For Use With Hose Styles GH493, FC659.

MALE PIPE (MP)



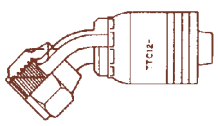
Part Number	Thread	Hose Size
1BA4MP6	1/4-18	-6
1BA6MP6	3/8-18	-6
1BA8MP6	1/2-14	-6
1BA4MP8	1/4-18	-8
1BA6MP8	3/8-18	-8
1BA8MP8	1/2-14	-8
1BA12MP8	3/4-14	-8
1BA8MP10	1/2-14	-10
1BA12MP10	3/4-14	-10
1BA8MP12	1/2-14	-12
1BA12MP12	3/4-14	-12
1BA16MP12	1-11½	-12
1BA12MP16	3/4-14	-16
1BA16MP16	1-11½	-16
1BA20MP16	1¼-11½	-16
1BA16MP20	1-11½	-20
1BA20MP20	1¼ - 11½	-20
1BA24MP24	1½ - 11½	-24
1BA32MP32	2-11½	-32

FEMALE J.I.C./S.A.E. 37° SWIVEL (FJ)



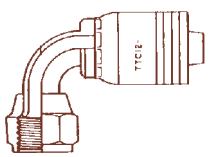
Part Number	Thread	Hose Size
1BA4FJ6	7/16-20	-6
1BA6FJ6	9/16-18	-6
1BA8FJ6	3/4-16	-6
1BA8FJ8	3/4-16	-8
1BA10FJ8	7/8-14	-8
1BA12FJ8	1-1/16-12	-8
1BA10FJ10	7/8-14	-10
1BA12FJ10	1-1/16-12	-10
1BA10FJ12	7/8-14	-12
1BA12FJ12	1-1/16-12	-12
1BA14FJ12	1-3/16-12	-12
1BA16FJ12	1-5/16-12	-12
1BA12FJ16	1-1/16-12	-16
1BA16FJ16	1-5/16-12	-16
1BA20FJ16	1-5/8-12	-16
1BA16FJ20	1-5/16-12	-20
1BA20FJ20	1-5/8-12	-20
1BA24FJ20	1-7/8-12	-20
1BA24FJ24	1-7/8-12	-24
1BA32FJ32	2½-12	-32

FEMALE J.I.C./S.A.E. 37° SWIVEL 45° ELBOW (FJA)



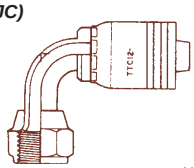
Part Number	Thread	Hose Size
1BA6FJA6	9/16-18	-6
1BA8FJA6	3/4-16	-6
1BA8FJA8	3/4-16	-8
1BA10FJA8	7/8-14	-8
1BA12FJA10	1-1/16-12	-10
1BA12FJA12	1-1/16-12	-12
1BA16FJA16	1-5/16-12	-16
1BA20FJA20	1-5/8-12	-20
1BA24FJA24	1-7/8-12	-24

FEMALE J.I.C./S.A.E. 37° SWIVEL 90° ELBOW (FJB)



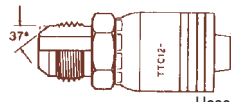
Part Number	Thread	Hose Size
1BA6FJB6	9/16-18	-6
1BA8FJB6	3/4-16	-8
1BA8FJB8	3/4-16	-8
1BA10FJB8	7/8-14	-8
1BA10FJB10	7/8-14	-10
1BA12FJB10	1-1/16-12	-10
1BA12FJB12	1-1/16-12	-12
1BA16FJB12	1-5/16-12	-12
1BA16FJB16	1-5/16-12	-16
1BA20FJB20	1-5/8-12	-20
1BA24FJB24	1-7/8-12	-24

FEMALE J.I.C./S.A.E. 37° LONG SWIVEL 90° ELBOW (FJC)



Part Number	Thread	Hose Size
1BA6FJC6	9/16-18	-6
1BA8FJC8	3/4-16	-8
1BA12FJC12	1-1/16-12	-12
1BA16FJC16	1-5/16-12	-16

MALE J.I.C./S.A.E. 37° (MJ)

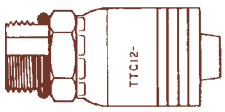


Part Number	Thread	Hose Size
1BA6MJ6	9/16-18	-6
1BA8MJ6	3/4-16	-6
1BA8MJ8	3/4-16	-8
1BA10MJ8	7/8-14	-8
1BA12MJ8	1-1/16-12	-8
1BA10MJ10	7/8-14	-10
1BA12MJ10	1-1/16-12	-10
1BA10MJ12	7/8-14	-12
1BA12MJ12	1-1/16-12	-12
1BA14MJ12	1-3/16-12	-12
1BA16MJ12	1-5/16-12	-12
1BA16MJ16	1-5/16-12	-16
1BA20MJ20	1-5/8-12	-20

AEROQUIP

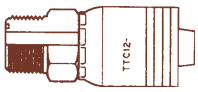
Fittings For Use With Hose Styles GH493, FC659.

MALE BOSS O-RING (MB)



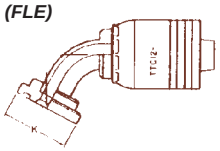
Part Number	Thread	Hose Size
1BA6MB6	9/16-18	-6
1BA8MB8	3/4-16	-8
1BA10MB8	7/8-14	-8
1BA12MB12	1-1/16-12	-12
1BA16MB16	1-5/16-12	-16

MALE ORS STRAIGHT (MR)



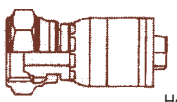
Part Number	Flange Head Dia. K	Hose Size
1BA6MR6	11/16-16	-6
1BA8MR6	13/16-16	-6
1BA8MR8	13/16-16	-8
1BA12MR12	1-3/16-12	-12
1BA16MR12	1-7/16-12	-12

S.A.E. CODE 61 SPLIT FLANGE 67-1/2° ELBOW (FLE)



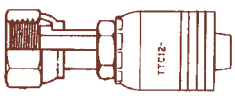
Part Number	Flange Head Dia. K	Hose Size
1B8FLE8	1.19	-8
1B12FLE12	1.50	-12
1B16FLE12	1.75	-12
1B16FLE16	1.75	-16
1B20FLE16	2.00	-16
1B20FLE20	2.00	-20
1B24FLE24	2.37	-24

JIS/BSPP FEMALE SWIVEL (BF)



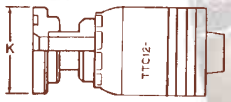
Part Number	Thread	Hose Size
1B6BF6	G 3/8	-6
1B8BF8	G 1/2	-8
1B12BF12	G 3/4	-12
1B16BF16	G 1	-16
1B20BF20	G 1¼	-20
1B24BF24	G 1½	-24

FEMALE ORS SWIVEL (FR)



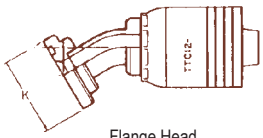
Part Number	Thread	Hose Size
1BA6FR6	11/16-16	-6
1BA8FR6	13/16-16	-6
1BA8FR8	13/16-16	-8
1BA6FR8	11/16-16	-8
1BA10FR8	1-14	-8
1BA12FR8	1-3/16-12	-8
1BA10FR10	1-14	-10
1BA12FR10	1-3/16-12	-10
1BA10FR12	1-14	-12
1BA12FR12	1-3/16-12	-12
1BA16FR12	1-7/16-12	-12
1BA16FR16	1-7/16-12	-16
1BA20FR16	1-11/16-12	-16
1BA20FR20	1-11/16-12	-20
1BA24FR24	2-12	-24

S.A.E. CODE 61 SPLIT FLANGE (FL)



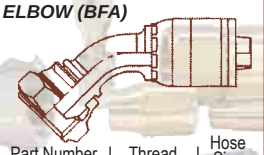
Part Number	Flange Head Dia. K	Hose Size
1B8FL8	1.19	-8
1B12FL8	1.50	-8
1B12FL10	1.50	-10
1B12FL12	1.50	-12
1B16FL12	1.75	-12
1B16FL16	1.75	-16
1B20FL16	2.00	-16
1B16FL20	1.75	-20
1B20FL20	2.00	-20
1B24FL20	2.38	-20
1B24FL24	2.38	-24
1B32FL24	2.81	-24
1B32FL32	2.81	-32

S.A.E. CODE 61 SPLIT FLANGE 30° ELBOW (FLF)



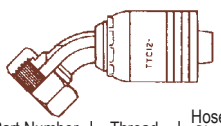
Part Number	Flange Head Dia. K	Hose Size
1B8FLF8	1.19	-8
1B12FLF12	1.50	-12
1B16FLF12	1.75	-12
1B16FLF16	1.75	-16
1B20FLF16	2.00	-16
1B20FLF20	2.00	-20
1B24FLF24	2.37	-24

JIS/BSPP FEMALE SWIVEL - 45° ELBOW (BFA)



Part Number	Thread	Hose Size
1B8BFA8	G 1/2	-8
1B12BFA12	G 3/4	-12
1B16BFA16	G 1	-16
1B20BFA20	G 1¼	-20

FEMALE ORS SWIVEL 45° ELBOW (FRA)

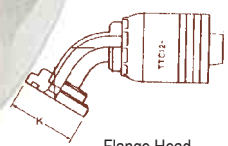


Part Number	Thread	Hose Size
1BA6FRA6	11/16-16	-6
1BA8FRA6	13/16-16	-6
1BA8FRA8	13/16-16	-8
1BA12FRA12	1-3/16-12	-12
1BA16FRA16	1-7/16-12	-16
1BA20FRA20	1-11/16-12	-20

S.A.E. CODE 61 SPLIT FLANGE 45° ELBOW (FLA)

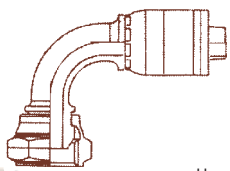
Part Number	Flange Head Dia. K	Hose Size
1B8FLA8	1.19	-8
1B12FLA8	1.50	-8
1B12FLA10	1.50	-10
1B12FLA12	1.50	-12
1B16FLA12	1.75	-12
1B16FLA16	1.75	-16
1B20FLA16	2.00	-16
1B16FLA20	1.75	-20
1B20FLA20	2.00	-20
1B24FLA20	2.37	-20
1B24FLA24	2.37	-24
1B32FLA24	2.81	-24
1B32FLA32	2.81	-32

S.A.E. CODE 61 SPLIT FLANGE 60° ELBOW (FLG)



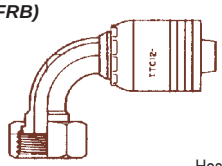
Part Number	Flange Head Dia. K	Hose Size
1B8FLG8	1.19	-8
1B12FLG12	1.50	-12
1B16FLG12	1.75	-12
1B16FLG16	1.75	-16
1B20FLG16	2.00	-16
1B20FLG20	2.00	-20
1B24FLG24	2.37	-24

JIS/BSPP FEMALE SWIVEL - 90° ELBOW (BFB)



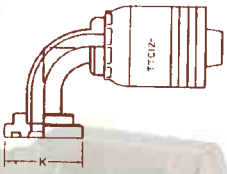
Part Number	Thread	Hose Size
1B8BFB8	G 1/2	-8
1B12BFB12	G 3/4	-12
1B16BFB16	G 1	-16
1B20BFB20	G 1¼	-20

FEMALE ORS SWIVEL 90° SHORT DROP ELBOW (FRB)



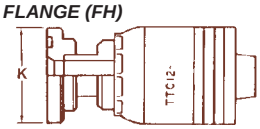
Part Number	Thread	Hose Size
1BA6FRB6	11/16-16	-6
1BA8FRB6	13/16-16	-6
1BA6FRB8	11/16-16	-8
1BA8FRB8	13/16-16	-8
1BA10FRB8	1-14	-8
1BA12FRB8	1-3/16-12	-8
1BA10FRB10	1-14	-10
1BA12FRB10	1-3/16-12	-10
1BA12FRB12	1-3/16-12	-12
1BA16FRB12	1-7/16-12	-12
1BA16FRB16	1-7/16-12	-16
1BA20FRB20	1-11/16-12	-20

S.A.E. CODE 61 SPLIT FLANGE 90° ELBOW (FLB)



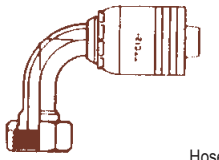
Part Number	Flange Head Dia. K	Hose Size
1B8FLB8	1.19	-8
1B12FLB8	1.50	-8
1B12FLB10	1.50	-10
1B12FLB12	1.50	-12
1B16FLB12	1.75	-12
1B20FLB12	2.00	-12
1B16FLB16	1.75	-16
1B20FLB16	2.00	-16
1B24FLB16	2.37	-16
1B16FLB20	1.75	-20
1B20FLB20	2.00	-20
1B24FLB20	2.37	-20
1B24FLB24	2.37	-24
1B32FLB24	2.81	-24
1B32FLB32	2.81	-32

S.A.E. CODE 62 SPLIT FLANGE (FH)



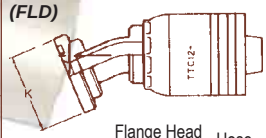
Part Number	Flange Head Dia. K	Hose Size
1B12FH8	1.63	-8
1B12FH12	1.63	-12
1B16FH12	1.87	-12
1B16FH16	1.87	-16
1B20FH16	2.13	-16
1B24FH20	2.50	-20
1B20FH20	2.13	-20
1B24FH24	2.50	-24
1B32FH32	3.12	-32

FEMALE ORS SWIVEL 90° LONG DROP ELBOW (FRC)



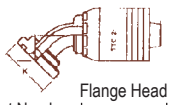
Part Number	Thread	Hose Size
1BA6FRC6	11/16-16	-6
1BA8FRC6	13/16-16	-6
1BA8FRC8	13/16-16	-8
1BA12FRC12	1-3/16-12	-12
1BA16FRC16	1-7/16-12	-16
1BA20FRC20	1-11/16-12	-20

S.A.E. CODE 61 SPLIT FLANGE 22-1/2° ELBOW (FLD)



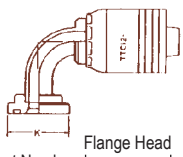
Part Number	Flange Head Dia. K	Hose Size
1B8FLD8	1.19	-8
1B12FLD12	1.50	-12
1B16FLD12	1.75	-12
1B16FLD16	1.75	-16
1B20FLD20	2.00	-20
1B24FLD24	2.37	-24

S.A.E. CODE 62 SPLIT FLANGE 45° ELBOW (FHA)



Part Number	Flange Head Dia. K	Hose Size
1B12FHA12	1.63	-12
1B16FHA16	1.87	-16
1B20FHA16	2.13	-16
1B20FHA20	2.13	-20
1B24FHA24	2.50	-24
1B32FHA32	3.12	-32

S.A.E. CODE 62 SPLIT FLANGE 90° ELBOW (FHB)



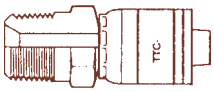
Part Number	Flange Head Dia. K	Hose Size
1B8FHB8	1.25	-8
1B12FHB12	1.63	-12
1B16FHB12	1.87	-12
1B16FHB16	1.87	-16
1B20FHB16	2.13	-16
1B20FHB20	2.13	-20
1B24FHB24	2.50	-24
1B32FHB32	3.12	-32

PREMIER DISTRIBUTOR aeroquip

EATON | Aeroquip

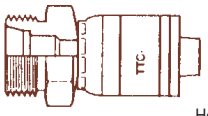
Fittings For Use With Hose Styles GH493, FC659.

BSP MALE TAPERED - BSPT (BT)



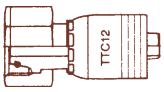
Part Number	Thread	Hose Size
1B6BT6	R 3/8-19	-6
1B12BT12	R 3/4-14	-12
1B16BT16	R 1-11	-16
1B20BT20	R 1-1/4-11	-20

24° MALE, HEAVY DUTY (EK)



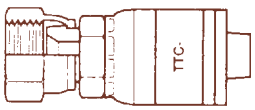
Part Number	Thread	Hose Size
1B8EK6	M20 x 1.5	-6
1B10EK6	M22 x 1.5	-6
1B12EK8	M24 x 1.5	-8
1B16EK10	M30 x 2	-10
1B20EK12	M36 x 2	-12
1B25EK16	M42 x 2	-16

DKO FEMALE SWIVEL LIGHT DUTY (DL)



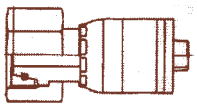
Part Number	Thread	Hose Size
1B8DL6	M16 x 1.5	-6
1B10DL6	M18 x 1.5	-6
1B12DL8	M22 x 1.5	-8
1B16DL10	M26 x 1.5	-10
1B20DL12	M30 x 2	-12
1B25DL16	M36 x 2	-16
1B32DL20	M45 x 2	-20

JIS FEMALE SWIVEL (JF)



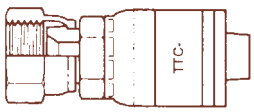
Part Number	Thread	Hose Size
1B6JF6	G 3/8	-6
1B8JF8	G 1/2	-8
1B12JF12	G 3/4	-12
1B16JF16	G 1	-16
1B20JF20	G 1-1/4	-20

DKO FEMALE SWIVEL HEAVY DUTY FITTING (DS)



Part Number	Thread	Hose Size
1B8DS6	M20 x 1.5	-6
1B10DS6	M22 x 1.5	-6
1B12DS8	M24 x 1.5	-8
1B16DS10	M30 x 2	-10
1B20DS12	M36 x 2	-12
1B25DS16	M42 x 2	-16
1B32DS20	M52 x 2	-20

KOMATSU FEMALE SWIVEL (KF)

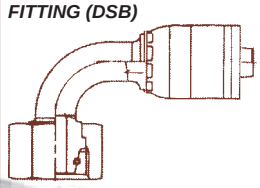


Part Number	Thread	Hose Size
1B8KF8	M22 x 1.5	-8
1B12KF12	M30 x 1.5	-12
1B16KF16	M33 x 1.5	-16
1B20KF20	M36 x 1.5	-20

DKO FEMALE SWIVEL HEAVY DUTY 45° ELBOW FITTING (DSA)

Part Number	Thread	Hose Size
1B8DSA6	M20 x 1.5	-6
1B12DSA8	M24 x 1.5	-8
1B16DSA10	M30 x 2	-10
1B20DSA12	M36 x 2	-12
1B25DSA16	M42 x 2	-16

DKO FEMALE SWIVEL HEAVY DUTY 90° ELBOW FITTING (DSB)



Part Number	Thread	Hose Size
1B8DSB6	M20 x 1.5	-6
1B10DSB6	M22 x 1.5	-6
1B12DSB8	M24 x 1.5	-8
1B16DSB10	M30 x 2	-10
1B20DSB12	M36 x 2	-12
1B25DSB16	M42 x 2	-16

Super Heavy Duty Hose

AEROQUIP FC273 - FOUR OR SIX SPIRAL WIRE SAE 100R13
Also Known as "Kelly Hose"

Construction: Synthetic rubber tube, multiple heavy spiral wire (4 wire for -12, -16; 6 wire for -20, -24, and -32); black synthetic rubber cover.
Application: Hydraulic system service with petroleum and water base fluids, for general industrial service.
Operating Temperature Range: -40°C to +121°C.

AEROQUIP FC606 - SIX SPIRAL WIRE SAE 100R15

Construction: Synthetic rubber tube, 6-spiral wire reinforcement, synthetic rubber cover.
Application: High pressure hydraulics, hydrostatic transmissions.
Operating Temperature Range: -40°C to +121°C.

AEROQUIP GH506 - FOUR SPIRAL WIRE DIN 20023 T2, EN 856 TYPE 4SH
Also Known as "Kelly Hose"

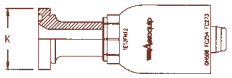
Application: Four wire hose for high pressure hydraulic systems with petroleum and water-glycol base fluids.
Operating Temperature Range: -40°C to +100°C.

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	ting Pressure (psi)	Min. Burst Pressure (psi)
FC273-12	.75	1.26	5000	20000
FC273-16	1.00	1.52	5000	20000
FC273-20	1.25	1.96	5000	20000
FC273-24	1.50	2.26	5000	20000
FC273-32	2.00	2.80	5000	20000
FC606-16	1.00	1.65	6000	24000
FC606-20	1.25	1.95	6000	24000
FC606-24	1.50	2.32	6000	24000
GH506-12	.75	1.27	6090	24360
GH506-16	1.00	1.51	5510	22040
GH506-20	1.25	1.79	5075	20300
GH506-24	1.50	2.11	4350	17400
GH506-32	2.00	2.68	3625	14500

Fittings For Use With Hose Styles FC273, FC606, CH506, FC254, CH466.

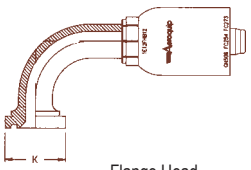
1E fittings for use on 4 wire construction; 1Z fittings for use on 6 wire construction.

STRAIGHT SPLIT FLANGE - CODE 62 (SAE J518) (FH)



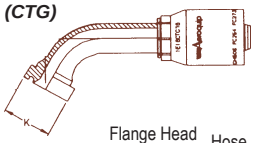
Part Number	Flange Head Dia. K	Hose Size
1E12FH12	1.62	-12
1E16FH12	1.88	-12
1E16FH16	1.88	-16
1Z16FH16	1.88	-16
1E20FH16	2.12	-16
1E20FH20	2.12	-20
1Z20FH16	2.12	-16
1Z20FH20	2.12	-20
1E24FH20	2.50	-20
1E24FH24	2.50	-24
1Z24FH20	2.50	-20
1Z24FH24	2.50	-24
1E32FH24	3.13	-24
1E32FH32	3.13	-32
1Z32FH24	3.13	-24
1Z32FH32	3.13	-32

90° ELBOW SPLIT FLANGE - CODE 61 (SAE J518) (FLB)



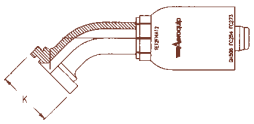
Part Number	Flange Head Dia. K	Hose Size
1E12FLB12	1.50	-12
1E16FLB12	1.75	-12
1E16FLB16	1.75	-16
1E20FLB16	2.00	-16
1E20FLB20	2.00	-20
1E24FLB20	2.38	-20
1E24FLB24	2.38	-24
1E32FLB24	2.81	-24
1E32FLB32	2.81	-32

CATERPILLAR - 60° FLANGE (CTG)



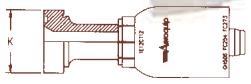
Part Number	Flange Head Dia. K	Hose Size
1E12CTG12	1.62	-12
1E16CTG16	1.88	-16
1Z16CTG16	1.88	-16
1E20CTG16	2.12	-16
1Z20CTG20	2.12	-20
1Z24CTG20	2.50	-20
1Z24CTG24	2.50	-24
1Z32CTG24	3.13	-24
1Z32CTG32	3.13	-32

45° ELBOW SPLIT FLANGE - CODE 62 (SAE J518) (FHA)



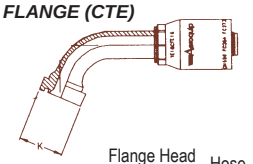
Part Number	Flange Head Dia. K	Hose Size
1E12FHA12	1.62	-12
1E16FHA12	1.88	-12
1E16FHA16	1.88	-16
1Z16FHA16	1.88	-16
1E20FHA16	2.12	-16
1E20FHA20	2.12	-20
1Z20FHA16	2.12	-16
1Z20FHA20	2.12	-20
1E24FHA20	2.50	-20
1E24FHA24	2.50	-24
1Z24FHA20	2.50	-20
1Z24FHA24	2.50	-24
1E32FHA24	3.13	-24
1E32FHA32	3.13	-32
1Z32FHA32	3.13	-32

CATERPILLAR - STRAIGHT SPLIT FLANGE (CT)



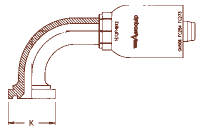
Part Number	Flange Head Dia. K	Hose Size
1E12CT12	1.62	-12
1E16CT12	1.88	-12
1E16CT16	1.88	-16
1Z16CT16	1.88	-16
1E20CT16	2.12	-16
1E20CT20	2.12	-20
1Z20CT16	2.12	-16
1Z20CT20	2.12	-20
1Z24CT20	2.50	-20
1Z24CT24	2.50	-24
1Z32CT24	3.13	-24
1Z32CT32	3.13	-32

CATERPILLAR - 67.5° FLANGE (CTE)



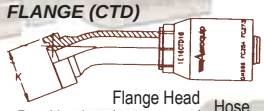
Part Number	Flange Head Dia. K	Hose Size
1E12CTE12	1.62	-12
1E16CTE16	1.88	-16
1Z16CTE16	1.88	-16
1E20CTE16	2.12	-16
1Z20CTE20	2.12	-20
1Z24CTE20	2.50	-20

90° ELBOW SPLIT FLANGE - CODE 62 (SAE J518) (FHB)



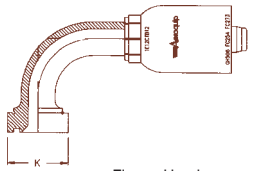
Part Number	Flange Head Dia. K	Hose Size
1E12FHB12	1.62	-12
1E16FHB12	1.88	-12
1E16FHB16	1.88	-16
1Z16FHB16	1.88	-16
1E20FHB16	2.12	-16
1E20FHB20	2.12	-20
1Z20FHB16	2.12	-16
1Z20FHB20	2.12	-20
1E24FHB20	2.50	-20
1E24FHB24	2.50	-24
1Z24FHB20	2.50	-20
1Z24FHB24	2.50	-24
1E32FHB32	3.13	-32
1Z32FHB32	3.13	-32

CATERPILLAR - 22.5° FLANGE (CTD)



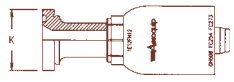
Part Number	Flange Head Dia. K	Hose Size
1E12CTD12	1.62	-12
1E16CTD16	1.88	-16
1Z16CTD16	1.88	-16
1E20CTD16	2.12	-16
1Z20CTD20	2.12	-20
1Z24CTD20	2.50	-20
1Z24CTD24	2.50	-24

CATERPILLAR - 90° ELBOW SPLIT FLANGE (CTB)



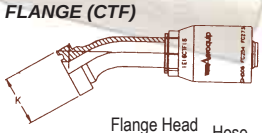
Part Number	Flange Head Dia. K	Hose Size
1E12CTB12	1.62	-12
1E16CTB12	1.88	-12
1E16CTB16	1.88	-16
1Z16CTB16	1.88	-16
1E20CTB16	2.12	-16
1E20CTB20	2.12	-20
1Z20CTB16	2.12	-16
1Z20CTB20	2.12	-20
1Z24CTB20	2.50	-20
1Z24CTB24	2.50	-24
1Z32CTB24	3.13	-24
1Z32CTB32	3.13	-32

STRAIGHT SPLIT FLANGE - CODE 61 (SAE J518) (FL)



Part Number	Flange Head Dia. K	Hose Size
1E12FL12	1.50	-12
1E16FL12	1.75	-12
1E16FL16	1.75	-16
1E20FL16	2.00	-16
1E20FL20	2.00	-20
1E24FL20	2.38	-20
1E24FL24	2.38	-24
1E32FL24	2.81	-24
1E32FL32	2.81	-32

CATERPILLAR - 30° FLANGE (CTF)

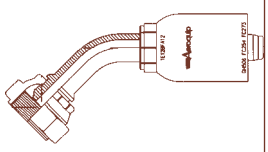


Part Number	Flange Head Dia. K	Hose Size
1E12CTF12	1.62	-12
1E16CTF16	1.88	-16
1Z16CTF16	1.88	-16
1E20CTF16	2.12	-16
1Z20CTF20	2.12	-20
1Z24CTF20	2.50	-20
1Z24CTF24	2.50	-24
1Z32CTF24	3.13	-24
1Z32CTF32	3.13	-32

CATERPILLAR - FLANGE D-RING (TO BE USED ONLY WITH CAT FLANGE)

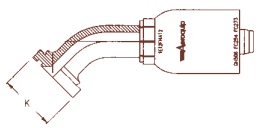
Part Number	O.D.	I.D.
FF90319-12	1.27	1.00
FF90319-16	1.52	1.25
FF90319-20	1.77	1.50
FF90319-24	2.03	1.76
FF90319-32	2.78	2.52

BSP/JIS FEMALE SWIVEL, 45° ELBOW (BFA)



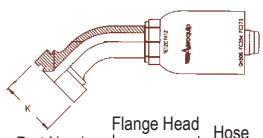
Part Number	Thread	Hose Size
1E12BFA12	G 3/4	-12
1E16BFA12	G 1	-12
1E16BFA16	G 1	-16
1E20BFA16	G 1-1/4	-16
1E20BFA20	G 1-1/4	-20
1E24BFA24	G 1-1/2	-24
1E32BFA32	G 2	-32

45° ELBOW SPLIT FLANGE - CODE 61 (SAE J518) (FLA)



Part Number	Flange Head Dia. K	Hose Size
1E12FLA12	1.50	-12
1E16FLA12	1.75	-12
1E16FLA16	1.75	-16
1E20FLA16	2.00	-16
1E20FLA20	2.00	-20
1E24FLA20	2.38	-20
1E24FLA24	2.38	-24
1E32FLA24	2.81	-24
1E32FLA32	2.81	-32

CATERPILLAR - 45° ELBOW SPLIT FLANGE (CTA)

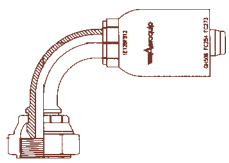


Part Number	Flange Head Dia. K	Hose Size
1E12CTA12	1.62	-12
1E16CTA12	1.88	-12
1E16CTA16	1.88	-16
1Z16CTA16	1.88	-16
1E20CTA16	2.12	-16
1E20CTA20	2.12	-20
1Z20CTA16	2.12	-16
1Z20CTA20	2.12	-20
1Z24CTA20	2.50	-20
1Z24CTA24	2.50	-24
1Z32CTA24	3.13	-24
1Z32CTA32	3.13	-32

BSP/JIS FEMALE SWIVEL (BF)

Part Number	Thread	Hose Size
1E12BF12	G 3/4	-12
1E16BF12	G 1	-12
1E16BF16	G 1	-16
1E20BF16	G 1-1/4	-16
1E20BF20	G 1-1/4	-20
1E24BF24	G 1-1/2	-24
1E32BF32	G 2	-32

BSP/JIS FEMALE SWIVEL, 90° ELBOW (BFB)



Part Number	Thread	Hose Size
1E12BFB12	G 3/4	-12
1E16BFB12	G 1	-12
1E16BFB16	G 1	-16
1E20BFB16	G 1-1/4	-16
1E20BFB20	G 1-1/4	-20
1E24BFB24	G 1-1/2	-24
1E32BFB32	G 2	-32

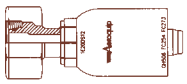
PREMIER DISTRIBUTOR

EATON | Aeroquip

Fittings For Use With Hose Styles FC273, FC606, GH506, FC254, GH466.

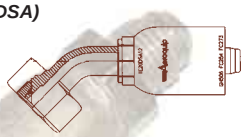
1E fittings for use on 4 wire construction; 1Z fittings for use on 6 wire construction.

DKO FEMALE SWIVEL, HEAVY DUTY (DS)



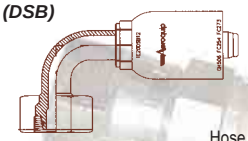
Part Number	Thread	Hose Size
1E20DS12	M36 x 2	-12
1E25DS12	M42 x 2	-12
1E25DS16	M42 x 2	-16
1Z25DS16	M42 x 2	-16
1E32DS16	M52 x 2	-16
1E32DS20	M52 x 2	-20
1Z32DS16	M52 x 2	-16
1Z32DS20	M52 x 2	-20

DKO FEMALE SWIVEL, HEAVY DUTY, 45° ELBOW (DSA)



Part Number	Thread	Hose Size
1E20DSA12	M36 x 2	-12
1E25DSA12	M42 x 2	-12
1E25DSA16	M42 x 2	-16
1Z25DSA16	M42 x 2	-16
1E32DSA16	M52 x 2	-16
1E32DSA20	M52 x 2	-20
1Z32DSA16	M52 x 2	-16
1Z32DSA20	M52 x 2	-20

DKO FEMALE SWIVEL, HEAVY DUTY, 90° ELBOW (DSB)



Part Number	Thread	Hose Size
1E20DSB12	M36 x 2	-12
1E25DSB12	M42 x 2	-12
1E25DSB16	M42 x 2	-16
1Z25DSB16	M42 x 2	-16
1E32DSB16	M52 x 2	-16
1E32DSB20	M52 x 2	-20
1Z32DSB16	M52 x 2	-16
1Z32DSB20	M52 x 2	-20

MALE PIPE (MP)

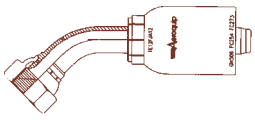
Part Number	Thread	Hose Size
1EA12MP12	3/4-14	-12
1EA16MP16	1-11½	-16
1EA20MP20	1¼-11½	-20
1ZA20MP20	1¼- 11½	-20
1EA24MP24	1½ - 11½	-24
1ZA24MP24	1½ - 11½	-24
1EA32MP32	2 - 11½ API	-32
1ZA32MP32	2 - 11½* API	-32

*Conforms to API 5B Thread Standard for Male Pipe Fittings

SAE 37° (JIC) SWIVEL (FJ)

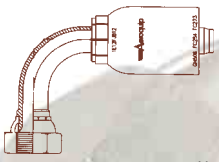
Part Number	Thread	Hose Size
1EA12FJ12	1-1/16-12	-12
1EA16FJ12	1-5/16-12	-12
1EA16FJ16	1-5/16-12	-16
1ZA16FJ16	1-5/16-12	-16
1EA20FJ16	1-5/8-12	-16
1EA20FJ20	1-5/8-12	-20
1ZA20FJ20	1-5/8-12	-20
1EA24FJ20	1-7/8-12	-20
1ZA24FJ20	1-7/8-12	-20
1EA24FJ24	1-7/8-12	-24
1ZA24FJ24	1-7/8-12	-24
1EA32FJ32	2½-12	-32
1ZA32FJ32	2½-12	-32

SAE 37° (JIC) SWIVEL, 45° ELBOW (FJA)



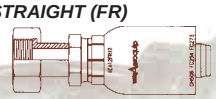
Part Number	Thread	Hose Size
1EA12FJA12	1-1/16-12	-12
1EA16FJA12	1-5/16-12	-12
1EA16FJA16	1-5/16-12	-16
1EA20FJA16	1-5/8-12	-16
1EA20FJA20	1-5/8-12	-20
1ZA20FJA20	1-5/8-12	-20
1EA24FJA24	1-7/8-12	-24
1ZA24FJA24	1-7/8-12	-24

SAE 37° (JIC) SWIVEL, 90° ELBOW (FJB)



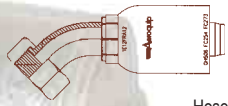
Part Number	Thread	Hose Size
1EA12FJB12	1-1/16-12	-12
1EA16FJB12	1-5/16-12	-12
1EA16FJB16	1-5/16-12	-16
1EA20FJB16	1-5/8-12	-16
1EA20FJB20	1-5/8-12	-20
1ZA20FJB20	1-5/8-12	-20
1EA24FJB24	1-7/8-12	-24
1ZA24FJB24	1-7/8-12	-24

FEMALE ORS SWIVEL, STRAIGHT (FR)



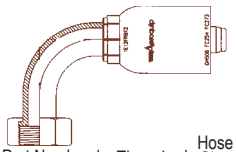
Part Number	Thread	Hose Size
1EA12FR12	1-3/16-12	-12
1EA16FR12	1-7/16-12	-12
1EA16FR16	1-7/16-12	-16
1ZA16FR16	1-7/16-12	-16
1EA20FR16	1-11/16-12	-16
1EA20FR20	1-11/16-12	-20
1ZA20FR16	1-11/16-12	-16
1ZA20FR20	1-11/16-12	-20
1EA24FR24	2-12	-24
1ZA24FR24	2-12	-24

FEMALE ORS SWIVEL, 45° ELBOW (FRA)



Part Number	Thread	Hose Size
1EA12FRA12	1-3/16-12	-12
1EA16FRA12	1-7/16-12	-12
1EA16FRA16	1-7/16-12	-16
1ZA16FRA16	1-7/16-12	-16
1EA20FRA16	1-11/16-12	-16
1EA20FRA20	1-11/16-12	-20
1ZA20FRA16	1-11/16-12	-16
1ZA20FRA20	1-11/16-12	-20

FEMALE ORS SWIVEL, 90° ELBOW (FRB)



Part Number	Thread	Hose Size
1EA12FRB12	1-3/16-12	-12
1EA16FRB12	1-7/16-12	-12
1EA16FRB16	1-7/16-12	-16
1ZA16FRB16	1-7/16-12	-16
1EA20FRB16	1-11/16-12	-16
1EA20FRB20	1-11/16-12	-20
1ZA20FRB16	1-11/16-12	-16
1ZA20FRB20	1-11/16-12	-20

EATON | Aeroquip

PREMIER DISTRIBUTOR

Assembly Equipment

FT1500 HOSE CUT-OFF SAW

•Powerful 4.2 hp high torque motor for faster and easier cutting •Clear face shield guard for added safety •Includes mounting hardware and protective goggles •Standard 14" scalloped blade cuts 1- and 2-wire braided hose through 2" I.D. and 4-wire spiral hose through 2" I.D. •Optional blades are available separately

Part No. FT1500.

BLADES:

Part No. FT1500-1, Standard scalloped blade, (included with machine).

Part No. FT1500-2, Smooth bevelled blade cuts stainless steel braided cover hose.

Part No. FT1500-4, Scalloped toothed blade cuts industrial fluid transfer hoses through 4" I.D.

FT1097 PORTABLE HOSE ASSEMBLY MACHINE

The FT1097 Portable Hose Assembly Machine is designed to speed the production of Aeroquip reusable hose assemblies on a low production basis. The machine will assemble reusable hose assemblies with all Aeroquip standard reusable fittings including male pipe, swivel, flange, and elbow types in hex sizes through 2-1/8". This model may be either bench mounted with the four mounting bolts provided in the base or stand mounted on the optional folding stand.

Part No. FT1097-1-1, Basic machine, 110V

Part No. FT1097-1-2, Basic machine, 220V

Part No. FT1013-2-2, Folding stand

Part No. FT1220-10, Assembly tool kit - contains all mandrels and adapters for assembly of SAE 45°, SAE 37° (JIC) and PTT 30° fittings in -4 through -20 sizes.

Part No. FT1097-2-1, Vise kit (replaces wrench and clevis with vise similar to FT1013 machine)

FT1097-2-1

FT1013 HOSE ASSEMBLY MACHINE

The model FT1013 hose assembly machine will assemble Aeroquip hose lines with all standard reusable fittings including male pipe, swivel, flange, and elbow type. This is a 1/2 h.p., 110 volt AC lightweight portable machine.

The unit can be used to assemble all standard reusable fittings to applicable hose in sizes -3 (3/16") through -32 (2"). Certain styles of single wire braid hose and fittings in -40 (2½") size can also be assembled on this machine.

Part No. FT1013-1-1, 110 Volt, single phase hose assembly machine with stand, vise, and tool kit

Part No. FT1013-1-3, 110 Volt, single phase hose assembly machine with stand and vise

Part No. FT1013-1-5, 110 Volt, single phase hose assembly machine with vise

Part No. FT1013-2-1, Vise only

Part No. FT1013-2-2, Stand only

ET 1000 PORTABLE, LIGHT DUTY, POSITIVE STOP CRIMP MACHINE

This crimp machine has been approved to crimp:
•All 1-wire and 2-wire braided MatchMate Plus™ hoses in sizes 1/4" through 1-1/4" using MatchMate Plus TTC fittings.
•All 4-wire spiral MatchMate Plus hoses in sizes 3/8" through 1", using MatchMate Plus TTC12 fittings.

The new ET1000 crimp machine builds on the success of the prior FT1370 portable crimp machine by using the same basic frame and construction design, but employs a 2-piece split half collet assembly in lieu of the traditional ProCrimp die cages. The correct hose asembly crimp diameter is obtained by the use of a spacer ring that conrols the stroke length of the cylinder during the crimping operation.

Features:
•Pusher slides out of position
•Compatible with the Aeroquip MatchMate Plus hose and fittings
•Can be mounted on service vehicles due to portable design
•Can be powered with virtually any 10,000 psi hydraulic power source (min. 36 cubic inch pump reservoir capacity)
•Utilizes 2-piece collet assemblies
•Spacer rings control the crimp diameter

Benefits:
•Sliding pusher allows for easier fitting insertion into the machine
•Simple positive-stop crimp diameter control system for consistent crimping time after time with no operator adjustments required
•Easily transported between job sites
•Versatile power source options
•Electricity is required only when using an electric style pump

These machine packaged part numbers offer a variety of pumps with the same tooling package including all collets and spacer rings to crimp: 1-wire and 2-wire braided MatchMate Plus Hoses (sizes 1/4" through 1-1/4") using TTC fittings GH493, 4-wire spiral MatchMate Plus Hose (sizes 3/8" through 1") using TTC12 fittings.

Part No. ET1000-006, No pump, but includes complete MatchMate Plus Collet and Spacer Ring Tooling package described above
Part No. ET1000-007K, Air/hydraulic pump, and complete MatchMate Plus Collet and Spacer Ring Tooling package described above
Part No. ET1000-008K, 110 Volt electric pump, and complete MatchMate Plus Collet and Spacer Ring Tooling package describbe above
Part No. ET1000-009K, 2 stage hand pump, and complete MatchMate Plus Collet and Spacer Ring Tooling package described above
Part No. ET1000-010, 12 volt DC pump, and complete MatchMate Plus Collet and Spacer Ring Tooling package described above

Part No. 140-06701, 1.5 oz. tube, high efficiency PTFE grease.

COLLET PART NUMBERS FOR ET1000
Part No. ET1000DC-M150S
Part No. ET1000DC-M195S
Part No. ET1000DC-M230S
Part No. ET1000DC-M250S
Part No. ET1000DC-M295S
Part No. ET1000DC-M320S
Part No. ET1000DC-M390S
Part No. ET1000DC-M430S
Part No. ET1000DC-M475S
Part No. ET1000AR-001, Die Ring Adapter

SPACER RING PART NUMBERS FOR ET1000
Part No. ET1000SR-M115D
Part No. ET1000SR-M265D
Part No. ET1000SR-M395D
Part No. ET1000SR-M190D
Part No. T-400-37
Part No. T-400-38
Part No. ET1000SR-M100A
Part No. ET1000SR-M315A
Part No. T-400-112

EATON | Aeroquip

"PROCRIMP" FT1380

Aeroquip's ProCrimp FT1380 sets a new standard for simplified, fast crimping of hose assemblies. This machine can be set up in any shop, garage or work area to crimp 1 and 2 wire braid, 4 spiral, and many other hose styles offered by Aeroquip. The ProCrimp FT1380 uses the same dies as the current Aeroquip model FT1330 crimp machine in a new die cage. This enables the user to utilize existing dies, thus minimizing expense, while gaining the benefit of electronic controls.
The electronic controls on the ProCrimp FT1380 have been designed to simplify all aspects of the crimping process by reducing the number of steps and time involved in setup and crimping of fittings to hose. This reduces not only the cost of labour in making an assembly but also minimizes the opportunity for costly errors. This means less time, less waste and more money in your pocket!
While any crimp setting can be easily entered into the ProCrimp FT1380 keypad, there are 10 preset keys on the keypad which can be programmed for your 10 most popular hose styles. When crimping any of these 10 styles you simply press the preset button for that hose, insert the appropriate die cage and you're ready to crimp!
Features:
•Fast, quiet, easy to use minimizes training and mistakes
•Crimp through -20, 4-spiral hose
•Preset crimp settings for fast setup time
•Adjustable keypad entry for simplified crimping
•Programmable electronic controls for minimal maintenance
•Easy to calibrate
•Upright design for easy hose insertion
•Standard work light
•Simple die cage insertion saves setup time
•Full flow hydraulics with spring return provides fast cycle time
•"Soft" retract position gives minimum cycle distance and time
•ENERPAC® hydraulics is reliable, serviceable, and standardized

Part No. FT1380-115, 115V crimp machine only
Part No. FT1380-115-5, 115V crimp machine kit c/w 5 of the most popular die cages listed below — indicated with an asterisk (*)

FLAT CRIMP DIE CAGES FOR FT1380-115 CRIMP MACHINE

PART NO.	GH663	GH793	GH781	GH493
FT1380-200-M150*	-4	-4	-4	-
FT1380-200-M180	-6	-	-	-
FT1380-200-M210*	-	-6	-6	-6
FT1380-200-M240*	-8	-8	-8	-
FT1380-200-M280	-	-10	-10	-8 -10
FT1380-200-M320*	-12	-12	-12	-12
FT1380-200-M370*	-16	-16	-16	-16
FT1380-200-M465	-	-20	-20	-20

*Included with FT1380-115-5 kit.

Part No. FT1380-2-3, Die cage conversion kit - converts one FT1330 die to use in FT1380 machine.
Part No. FT1380-2-4, Die cage holder kit - attaches to side of FT1380 crimp machine to hold dies off table.
Part No. FT1330-XL, MatchMate Plus locator kit - helps keep crimp fitting in ideal position for crimping.

MACHINE BACKSTOP

For FT1380 Crimp Machine. Features both "spring-loaded" and "positive-stop" options, this backstop simplifies crimping for a wide range of fitting styles including thru-the-cover, PTFE and others. Also features magnetic mount and 2.5" of travel. Benefits: Installs in seconds, makes high volume hose assembly easier, increases machine capacity to include PTFE and accommodates a variety of fitting sizes.
Part No. FT1380-4.

CRIMP DIES FOR FT1380 CRIMP MACHINES

PART NO.	HOSE SIZE
FT1380-275-R5-4	-4
FT1380-275-R5-5	-5
FT1380-275-R5-6	-6
FT1380-275-R5-8	-8
FT1380-275-R5-10	-10
FT1380-275-R5-12	-12
FT1380-275-R5-16	-16
FT1380-275-R5-20	-20

Assembly Equipment

"PROCRIMP" FT1390 HOSE ASSEMBLY MACHINE

The Aeroquip ProCrimp FT1390 hose assembly crimp machine is Aeroquip's top-of-the-line crimper. It is capable of crimping Aeroquip Through-The-Cover (TTC), single skive, and internal skive fittings onto 3/16" through 2" I.D. hose. Efficient 10,000 psi hydraulics combined with user friendly electronic controls make the ProCrimp FT1390 fast, quiet, and easy to use — providing excellent productivity and less chance for error.

The ProCrimp FT1390 crimp machine features programmable electronic controls allowing the user to custom-tailor the machine crimp settings. Ten preset crimp selections can be automatically programmed on the operator's keypad for those hose assembly types most frequently produced. A programmable retract stop is also built into the crimper, which allows for less than full retraction after crimping. This reduces the total crimp cycle time.

Features:
- Electronic controls are simple to set up, less chance of error
- Programmable — can be set up with the push of 1 button
- Standard work light gives good visibility in work area
- FT1307 tooling standard — proven reliable drop-in tooling
- Standard (adjustable) back stop simplifies large volume jobs

Part No. FT1390-115-12, Machine plus 12 standard die cages (shown below) needed to assemble a wide variety of Aeroquip hose including MatchMate Plus™.

FLAT CRIMP DIE CAGES FOR FT1390 CRIMP MACHINES

PART NO.	GH663	GH793	GH781	GH493
FT1307-200-M150	-4	-4	-4	-
FT1307-200-M180	-6	-	-	-
FT1307-200-M210	-	-6	-6	-6
FT1307-200-M240	-8	-8	-8	-
FT1307-200-M280	-	-10	-10	-8 -10
FT1307-200-M320	-12	-12	-12	-12
FT1307-200-M370	-16	-16	-16	-
FT1307-200-M420	-	-	-	-16
FT1307-200-M465	-	-20	-20	-
FT1307-200-M520	-	-	-	-20
FT1307-200-M550	-	-24	-	-24
FT1307-200-M690	-	-32	-	-32

ProCrimp 1390 can be activated by foot pedal or hand-operated switch.

HOSE INSERTION GAUGES

Improve hose assembly reliability with these easy to use aluminium gauges that are designed to ensure proper fitting depth during pre-assembly. Simply bottom the hose in the appropriately marked cavity and scribe a mark on the hose flush with the top surface of the gauge. Insert the fitting until the back of the socket is aligned with scribe line. For use with all hoses that mate with TTC, TTC12 and Global Spiral TTC fittings.

Part No. FF90308-01, For use with all hoses that mate with -4 through -16 TTC and TTC12 fittings.
Part No. FF90308-02, For use with all hoses that mate with -20 through -32 TTC and TTC 12 fittings.
Part No. FF90308-03, For use with all hoses that mate with -12, -16, -20 Spiral TTC fittings.

FLAT CRIMP DIE CAGES FOR FT1209 CRIMP MACHINES

PART NO.	GH663	GH793	GH781	GH493
FT1209-200-14	-	-	-	-20
FT1209-200-15	-20	-20	-20	-
FT1209-200-46	-16	-16	-	-16
FT1209-200-82	-12	-	-	-12
FT1390-200-16	-24	-	-	-
FT1390-200-20	-	-	-	-24
FT1390-200-21	-32	-	-	-
FT1390-200-23	-	-	-	-32

FLAT CRIMP DIE CAGES FOR FT1330-1-8 & FT1380-115 CRIMP MACHINES

PART NO.	GH663	GH793	GH781	GH493
FT1330-275-M150	-4	-4	-4	-
FT1330-275-M180	-6	-6	-6	-
FT1330-275-M210	-8	-6 -8	-8	-6
FT1330-275-M240	-	-8 -10	-8 -10	-8
FT1330-275-M280	-	-10	-10	-8 -10
FT1330-275-M320	-12	-12	-12	-12
FT1330-275-M370	-16	-16	-16	-
FT1330-275-M420	-	-	-	-16
FT1330-275-M465	-	-20	-20	-20

FT1380-2-3, Die cage conversion kit - converts FT1330 dies for FT1380 machine.

CRIMP DIES FOR FT1307 AND FT1390 CRIMP MACHINES

PART NO.	HOSE SIZE
FT1307-200-R5-4	-4
FT1307-200-R5-5	-5
FT1307-200-R5-6	-6
FT1307-200-R5-8	-8
FT1307-200-R5-10	-10
FT1307-200-R5-12	-12
FT1307-200-R5-16	-16
FT1307-200-R5-20	-20
FT1307-200-R5-24	-24
FT1307-200-R5-32	-32

CRIMP DIES FOR FT1330 CRIMP MACHINES

PART NO.	HOSE SIZE
FT1330-275-R5-4	-4
FT1330-275-R5-5	-5
FT1330-275-R5-6	-6
FT1330-275-R5-8	-8
FT1330-275-R5-10	-10
FT1330-275-R5-12	-12
FT1330-275-R5-16	-16
FT1330-275-R5-20	-20

AEROQUIP HOSE ASSEMBLY LUBE

A specially compounded lubricant far superior to any other lubricant ever used in hose assembly work. Aeroquip Lube drastically reduces assembly torques and virtually eliminates the danger of inner tube damage. Use for either hand or machine assembly. 16 oz. Part No. 222070.

EATON | Aeroquip

PREMIER A DISTRIBUTOR Aeroquip

ULTRA CLEAN TECHNOLOGIES
Hose, Tube, & Pipe Cleaning Technology

The Revolutionary Contamination Eliminator System is Your Solution to Hydraulic Hose, Tube, and Pipe Contamination.
Industry has grappled for years with the difficult problem of effectively cleaning the interior of all types of tubing and hose. Users have attempted to solve the problem with a variety of chemicals, as well as pressure flushing and pull-through techniques. Hydraulic hose users often ignore the need for pre-installation cleansing and simply opt for total replacement. These expensive and time consuming methods are marginally effective at best.
Ultra Clean Technologies Corp. has designed, developed, and successfully marketed an exciting and inexpensive air operated gun-like launcher that cleans hose, tubes, and piping in seconds. The launcher simply fires a soft projectile, 20% larger than the tube ID into the pipe under pressure. The projectile strips out the internal contamination or residue as it travels through the tube, around bends, and through couplings. The launchers have interchangeable nozzles and the projectiles come in a variety of diameters to effectively handle all tube sizes from 2 to 110 mm.

HAND HELD LAUNCHER KIT
Economically priced for the occasional user. Ideal for mobile and job site applications because of its size and portability. Comes complete with 7 acetyl hose nozzles, quick release coupling and carry case, as well as starter projectile package and projectile containment system. Durable brass internals, strong plastic handle and anodized aluminum firing head and locking ring. Has a quarter turn locking ring for easy nozzle change and projectile loading. Size range: 1/8" through 1-1/4" hose, tube, or pipe.
Part No. UC-EL7-DP.

2" PNEUMATIC LAUNCHER KIT
Supplied with Full Flow GC and Unique 360° Rotary Coupling for non-fatigue operator use. Ergonomic handle has a built-in bench mount port. Made from lightweight aluminum and has a user-friendly design to minimize fatigue. All aluminum parts are fully anodized. Release bar has a built-in safety that automatically engages when faceplate is in the closed position and also releases faceplate for the loading of projectiles. Ideal for production hose and tube shops, mobile hose fabricators, and job site applications because of its size and portability. With 9 nozzles, packed in a lockable, vibration-protected case. Size range: 1/8" through 2" hose, tube, or pipe.
Part No. UC-HL-9-2.

UNIVERSAL PROJECTILES

PART NO.	HOSE SIZE
UC07	1/4"
UC10	5/16"
UC12	3/8"
UC14	14 mm
UC16	1/2"
UC22	5/8"
UC26	3/4"
UC33	1"
UC40	1¼"
UC50	1½"
UC60	2"

REPLACEMENT ACETYL HOSE NOZZLES

PART NO.	HOSE SIZE
UC-H06	1/4"
UC-H08	5/16"
UC-H10	3/8"
UC-H13	1/2"
UC-H16	5/8"
UC-H19	3/4"
UC-H25	1"
UC-H32	1¼"
UC-H38	1½"
UC-H50	2"

The UC-EL is supplied with a 1/2" quick release coupling and plug for easy air connection to the launcher. The recommended air pressure is 85 psi min to 140 psi max. The air source should always be regulated to the correct pressure and filtered to insure contaminate free air.

Dirty air will re-contaminate your hose, tube or pipe.

1. Unscrew the 1/4 turn locking ring from the firing head.

2. Load the Ultra Clean Projectile into the nozzle and screw the 1/4 turn locking ring back onto the firing head.

3. Connect the supplied quick release coupling to a 1/2" ID air hose. Then connect the quick release coupling onto the launcher.

4. Insert the nozzle into your hose, tube or pipe and depress the trigger. Keep trigger depressed until the Ultra Clean Projectile exits the hose, tube or pipe that you are cleaning.

Oilfield Hose

SILVER STRIPE ROTARY/VIBRATOR & KICKER HOSE

Application: Oilfield drilling and exploration at API Grade "C" and "D" working pressures; where a heavy duty long service life hose is required.
Tube: Black, oil and abrasion resistant Hydrogenated Nitrile (HNBR). Suitable for oil or water based muds.
Reinforcement: Multiple plies of bias laid textile cord for extra strength and flexibility. Two spirally wound, high tensile, multiple strand cables provide unsurpassed ruggedness and reliability under severe service conditions.
Cover: Black, oil, weather and abrasion resistant Neoprene (CR).
Temperature: -40°C to +93°C

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Grade	Rated W.P. (psi)	Test Pressure (psi)	Min. Bend Radius (inches)
5500-40	2½	4.45	C	4000	8000	48
5500-48	3	4.95	C	4000	8000	48
5500-56	3½	5.45	C	4000	8000	54
5600-40	2½	4.60	D	5000	10,000	48
5600-48	3	5.10	D	5000	10,000	48
5600-56	3½	5.75	D	5000	10,000	54

TRIOFLEX SLIM HOLE ROTARY HOSE

Application: NRP Trioflex Hose was specially designed for applications on portable drilling rigs, work-over rigs, slim hole and seismograph rigs. It is an extremely flexible and durable hose.
Tube: Black, oil and abrasion resistant Neoprene (CR). Suitable for oil or water based muds.
Reinforcement: Four braids of high tensile, heavy gauge steel wire.
Cover: Black, oil, weather and abrasion resistant Neoprene (CR).

Part Number	Wire Braids	Hose I.D. (inches)	Hose O.D. (inches)	Rated W.P. (psi)	Design Burst Pressure (psi)	Min. Bend Radius (inches)
5014-40	4	2½	3.65	3000	6000	24.0
5014-48	4	3	4.13	2000	5000	30.0

GOLD STRIPE FACTORY BUILT ROTARY/VIBRATOR & KICKER HOSE — ASSEMBLIES

Application: Oilfield drilling and exploration at API Grade "C" and "D" working pressures; where a heavy duty long service life hose is required.
Tube: Black, oil and abrasion resistant Hydrogenated Nitrile (HNBR). Suitable for oil or water based muds.
Reinforcement: Multiple plies of bias laid textile cord for extra strength and flexibility. Two spirally wound, high tensile, multiple strand cables, mechanically secured to built-in nipples provide unsurpassed ruggedness and reliability under severe service conditions.
Cover: Black, oil, weather and abrasion resistant Neoprene (CR).
Temperature: -40°C to +93°C

Rated Working Pressures:
Grade C - 4000 lbs.
Grade D - 5000 lbs.

Part No. 5001-4855-B, 3" x 55 ft. Grade C rotary/vibrator and kicker hose assembly c/w 3" ends
Part No. 5001-4855, 3" x 55 ft. Grade C rotary/vibrator and kicker hose assembly c/w 4" ends
Part No. 5001-4875-A, 3" x 75 ft. Grade C rotary/vibrator and kicker hose assembly c/w 3" ends
Part No. 5001-4875, 3" x 75 ft. Grade C rotary/vibrator and kicker hose assembly c/w 4" ends
Part No. 5003-4855-C, 3" x 55 ft. Grade D rotary/vibrator and kicker hose assembly c/w 3" ends
Part No. 5003-4855, 3" x 55 ft. Grade D rotary/vibrator and kicker hose assembly c/w 4" ends
Part No. 5003-4875-A, 3" x 75 ft. Grade D rotary/vibrator and kicker hose assembly c/w 3" ends
Part No. 5003-4875, 3" x 75 ft. Grade D rotary/vibrator and kicker hose assembly c/w 4" ends

Oilfield Hose Fittings

HIGH PRESSURE ROTARY/VIBRATOR & KICKER HOSE — FITTINGS

Part No. 223013, 3" API x 2½" Grade C & D hose end
Part No. 222015, 3" API x 3" Grade C & D hose end
Part No. 225012, 4" API x 3" Grade C & D hose end
Part No. 220102, 3" butt weld x 3" Grade C & D hose end
Part No. 220106, 4" butt weld x 3" Grade C & D hose end
Part No. 224875A, 4" butt weld x 3½" Bore hose end
Part No. 225100, 4" API x 3½" Grade C & D hose end
Part No. 224533, 4" butt weld x 3½" Grade C & D hose end
Part No. 260603, R-31 API flange x 3½"
Part no. 260604, R-35 API flange x 3½"

TRIOFLEX SLIM HOLE ROTARY HOSE — FITTINGS

Part No. 224793, 2½" MNPT x 2½" slim hole hose end
Part No. 223021, 3" MNPT x 2½" slim hole hose end
Part No. 224794, 3" MNPT x 3" slim hole hose end
Part No. 225002, 4" MNPT x 3" slim hole hose end

Kelly Hose Safety Clamps

CLE/1577

KELLY HOSE CLAMPS

Part No. CIM-200, 2" Kelly hose clamp
Part No. CIM-250, 2½" Kelly hose clamp
Part No. CIM-300, 3" Kelly hose clamp
Part No. CIM-400, 4" Kelly hose clamp

1 PC. KELLY HOSE CLAMPS

Part No. CIM-201, 2", 1 pc. Kelly hose clamp
Part No. CIM-251, 2½", 1 pc. Kelly hose clamp
Part No. CIM-301, 3", 1 pc. Kelly hose clamp
Part No. CIM-401, 4", 1 pc. Kelly hose clamp

2 PC. KELLY SPINNER CLAMPS

Part No. CIM-322-S, 3", 2 pc. Kelly spinner clamp

NRP JONES
Blowout Preventer Hose

NRP BOP Hose coupled with NRP hose ends for BOP applications meet EUB Directive 36, & Lloyds of London's BOP Flame Resistance specifications.

Part Number	Hose I.D. (inches)	Hose O.D. (inches)	Rated W.P. (psi)	Min. Bend Rad.* (inches)	Wt. per foot (lbs.)
A822-6*	3/8	.90	3000	6	.51
A822-8*	½	1.04	3000	9	.62
A822-12*	¾	1.32	3000	12	.88
A822-16*	1	1.61	3000	15	1.30
1822-32**	2	2.90	3000	27	3.69
A825-6*	3/8	.90	5000	6	.51
A825-8*	½	1.04	5000	9	.64
1825-12**	¾	1.54	5000	12	1.50
1825-16**	1	1.79	5000	15	1.97
1825-20**	1¼	2.21	5000	18	3.06
1825-24**	1½	2.54	5000	22	3.98
1825-32**	2	3.05	5000	27	5.83

*A822-6 to -16 use 200 Series Fittings
**1822-32 uses 1W Series Fitting
*A825-6 and -8 use 200 Series Fittings
**1825-12 to -32 use 1W Series Fitting

A822/1822 BLOWOUT PREVENTER HOSE

Application: Flexible piping used to control BOPs (Blowout Preventers) and associated valves that control well pressure during drilling operations.
Tube: Black, oil resistant Nitrile (NBR).
Reinforcement: Multiple plies of high tensile steel wire.
Cover: Red, specially compounded, fibreglass impregnated, flame resistant rubber.
Temperature: -40°C to +100°C

A825/1825 BLOWOUT PREVENTER HOSE

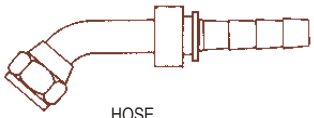
Application: Flexible piping used to control BOPs (Blowout Preventers) and associated valves that control well pressure during drilling operations.
Tube: Black, oil resistant Nitrile (NBR).
Reinforcement: Multiple plies of high tensile steel wire.
Cover: Red, specially compounded, fibreglass impregnated, flame resistant rubber.
Temperature: -40°C to +100°C

Blowout Preventer Hose Fittings

200 SERIES STEEL FERRULE — SKIVE REQUIRED

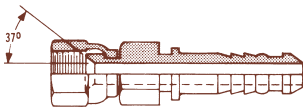
PART NO.	HOSE I.D.
206-200	3/8
208-200	1/2
212-200	3/4
216-200	1

JIC 37° SWIVEL FEMALE STEM 45° BENT TUBE — SHORT DROP



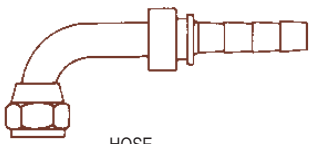
PART NO.	HOSE I.D.	THREAD	HEX
206-S-686	3/8	9/16-18	11/16
208-S-688	1/2	3/4-16	7/8
212-S-692	3/4	1-1/16-12	1¼
216-S-696	1	1-5/16-12	1½

200 SERIES JIC 37° SWIVEL FEMALE STEM



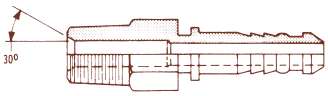
PART NO.	HOSE I.D.	THREAD	STEM HEX	NUT HEX
206-604	3/8	7/16-20	11/16	9/16
206-606	3/8	9/16-18	11/16	3/4
208-608	1/2	3/4-16	13/16	7/8
212-612	3/4	1-1/16-12	1-1/16	1¼
216-616	1	1-5/16-12	1-3/8	1½

JIC 37° SWIVEL FEMALE STEM 90° BENT TUBE — SHORT DROP



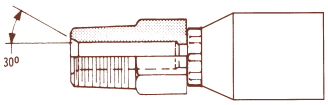
PART NO.	HOSE I.D.	THREAD	HEX
206-S-666	3/8	9/16-18	11/16
208-S-668	1/2	3/4-16	7/8
212-S-672	3/4	1-1/16-12	1¼
216-S-676	1	1-5/16-12	1½

200 SERIES NPTF SOLID MALE STEM



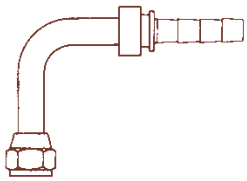
PART NO.	HOSE I.D.	THREAD	HEX
206-104	3/8	1/4-18	11/16
206-106	3/8	3/8-18	11/16
206-LN-106	3/8	3/8-18	11/16
208-108	1/2	1/2-14	7/8
208-112	1/2	3/4	1-1/16
212-112	3/4	3/4-14	1-1/16
212-116	3/4	1-11½	1-3/8
216-116	1	1-11½	1-3/8

1W SERIES NPTF SOLID MALE STEM — SKIVE REQUIRED



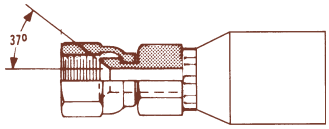
PART NO.	HOSE I.D.	THREAD	HEX
612-1W-112	3/4	3/4-14	1-1/16
616-1W-116	1	1-11½	1-3/8
620-1W-120	1¼	1¼-11½	1¾
624-1W-124	1½	1½-11½	2
632-1W-132	2	2-11½	2½

JIC 37° SWIVEL FEMALE STEM 90° BENT TUBE — LONG DROP



PART NO.	HOSE I.D.	THREAD	HEX
206-L-666	3/8	9/16-18	11/16
208-L-668	1/2	3/4-16	7/8
212-L-672	3/4	1-1/16-12	1¼
216-L-676	1	1-5/16-12	1½

1W SERIES JIC 37° SWIVEL FEMALE STEM — SKIVE REQUIRED



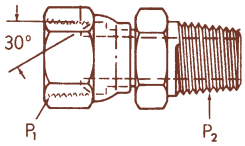
PART NO.	HOSE I.D.	THREAD	STEM HEX	NUT HEX
612-1W-612	3/4	1-1/16-12	1-1/16	1-3/8
616-1W-616	1	1-5/16-12	1-3/8	1-5/8
620-1W-620	1¼	1-5/8-12	1¾	2
624-1W-624	1½	1-7/8-12	2	2¼
632-1W-632	2	2½-12	2½	2-7/8

BLOWOUT PREVENTER HOSE FIRE PROTECTION HOSE SLEEVE

PART NO.	FOR USE WITH HOSE PART NOS.
8007-14	A822-6 & A825-6
8007-16	A822-8 & A825-8
8007-20	A822-12
8007-24	A822-16 & 1825-12
8007-28	1825-16
8007-35	1825-20
8007-40	1825-24
8007-46	1822-32
8007-48	1825-32

NOTE: For each hose assembly you need 1 foot of BOP Hose Sleeve.

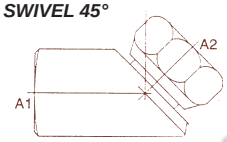
INTERNAL PIPE SWIVEL (NPSM)/ EXTERNAL PIPE



Part No.	Thread P1	Thread P2
2045-2-2	1/8-27	1/8-27
2045-2-4	1/8-27	1/4-18
2045-4-2*	1/4-18	1/8-27
2045-4-4	1/4-18	1/4-18
2045-4-6	1/4-18	3/8-18
2045-4-8*	1/4-18	1/2-14
2045-6-4	3/8-18	1/4-18
2045-6-6	3/8-18	3/8-18
2045-6-8	3/8-18	1/2-14
2045-6-12*	3/8-18	3/4-14
2045-6-16*	3/8-18	1-11½
2045-8-4*	1/2-14	1/4-18
2045-8-6	1/2-14	3/8-18
2045-8-8	1/2-14	1/2-14
2045-8-12	1/2-14	3/4-14
2045-12-8*	3/4-14	1/2-14
2045-12-12	3/4-14	3/4-14
2045-12-16	3/4-14	1 - 11½
2045-16-12	1 - 11½	3/4-14
2045-16-16	1 - 11½	1 - 11½
2045-16-20*	1 -11½	1¼ -11½
2045-20-12*	1¼ -11½	3/4-14
2045-20-16*	1¼ -11½	1 -11½
2045-20-20	1¼ - 11½	1¼ - 11½
2045-20-24*	1¼ -11½	1½ -11½
2045-24-16*	1½ -11½	1 -11½
2045-24-20*	1½ -11½	1¼ -11½
2045-24-24	1½ - 11½	1½ - 11½
2045-32-32	2 - 11½	2 - 11½

*May not be Aeroquip product.

FEMALE PIPE TO FEMALE PIPE SWIVEL 45°

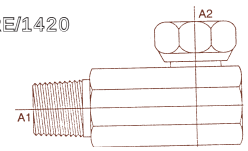


Part No.	Thread A1	Thread A2
2050-4-4*	1/4-18	1/4-18
2050-12-12*	3/4-14	3/4-14
2050-16-16	1-11½	1-11½

*May not be Aeroquip product.

MALE PIPE TO FEMALE PIPE SWIVEL 90° LONG

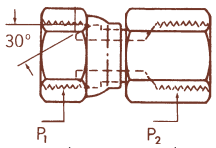
BRE/1420



Part No.	Thread A1	Thread A2
1501-L-06-06*	3/8-18	3/8-18
1501-L-08-08*	1/2-14	1/2-14
1501-L-12-12*	3/4-14	3/4-14

*May not be Aeroquip product.

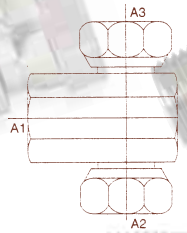
INTERNAL PIPE SWIVEL (NPSM)/ INTERNAL PIPE (REF. SAE140131)



Part No.	Thread P1	Thread P2
2046-2-2	1/8-27	1/8-27
2046-2-4	1/8-27	1/4-18
2046-4-2*	1/4-18	1/8-27
2046-4-4	1/4-18	1/4-18
2046-4-6	1/4-18	3/8-18
2046-6-4*	3/8-18	1/4-18
2046-6-6	3/8-18	3/8-18
2046-6-8	3/8-18	1/2-14
2046-8-6*	1/2-14	3/8-18
2046-8-8	1/2-14	1/2-14
2046-8-12*	1/2-14	3/4-14
2046-12-8*	3/4-14	1/2-14
2046-12-12	3/4-14	3/4-14
2046-12-16*	3/4-14	1-11½
2046-16-12*	1-11½	3/4-14
2046-16-16	1 - 11½	1 - 11½
2046-20-20	1¼ - 11½	1¼ - 11½
2046-24-24	1½ - 11½	1½ - 11½
2046-32-32	2 - 11½	2 - 11½

*May not be Aeroquip product.

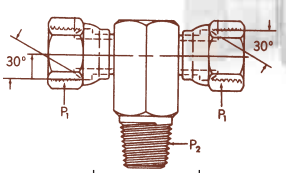
FEMALE PIPE SWIVEL TO FEMALE PIPE SWIVEL TEE



Part No.	Thread A1	Thread A2 & A3
2253-4-4*	1/4-18	1/4-18
2253-6-6*	3/8-18	3/8-18
2253-8-8	1/2-14	1/2-14
2253-12-12*	3/4-14	3/4-14
2253-16-16*	1-11½	1-11½

*May not be Aeroquip product.

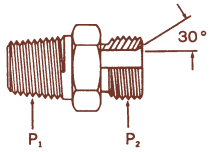
INTERNAL PIPE SWIVEL (NPSM)/ EXTERNAL PIPE



Part No.	Thread P1	Thread P2
2254-2-2*	1/8-27	1/8-27
2254-4-4	1/4-18	1/4-18
2254-4-6*	1/4-18	3/8-18
2254-6-6	3/8-18	3/8-18
2254-6-8*	3/8-18	1/2-14
2254-8-8	1/2-14	1/2-14
2254-8-12*	1/2-14	3/4-14
2254-12-12	3/4-14	3/4-14
2254-16-16*	1-11-1/2	1-11-1/2

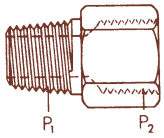
*May not be Aeroquip product.

EXTERNAL PIPE/EXTERNAL PIPE (NPSM)



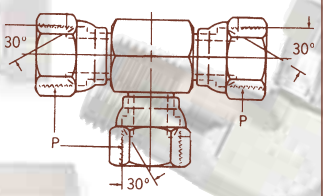
Part No.	Thread P1	Thread P2
2015-12-12	3/4-14	3/4-14

EXTERNAL PIPE /INTERNAL PIPE



Part No.	Thread P1	Thread P2
2040-2-2	1/8-27	1/8-27
2040-2-4	1/8-27	1/4-18
2040-4-4	1/4-18	1/4-18
2040-4-6	1/4-18	3/8-18
2040-4-8	1/4-18	1/2-14
2040-6-6	3/8-18	3/8-18
2040-6-8	3/8-18	1/2-14
2040-8-8	1/2-14	1/2-14
2040-8-12	1/2-14	3/4-14
2040-12-12	3/4-14	3/4-14
2040-12-16	3/4-14	1 - 11½
2040-16-16	1 - 11½	1 - 11½
2040-16-20	1 - 11½	1¼ - 11½
2040-20-20	1¼ - 11½	1¼ - 11½
2040-20-24	1¼ - 11½	1½ - 11½
2040-24-24	1½ - 11½	1½ - 11½
2040-32-32	2 - 11½	2 - 11½

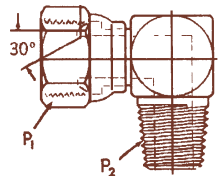
INTERNAL PIPE SWIVEL (NPSM)



Part No.	Thread P
2255-4-4*	1/4-18
2255-6-6	3/8-18
2255-8-8	1/2-14
2255-12-12*	3/4-14

*May not be Aeroquip product.

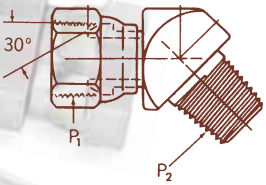
INTERNAL PIPE SWIVEL (NPSM)/ EXTERNAL PIPE



Part No.	Thread P1	Thread P2
2047-2-2	1/8-27	1/8-27
2047-2-4*	1/8-27	1/4-18
2047-4-2*	1/4-18	1/8-27
2047-4-4	1/4-18	1/4-18
2047-4-8*	1/4-18	3/4-16
2047-6-4*	3/8-18	1/4-18
2047-6-6	3/8-18	3/8-18
2047-6-8	3/8-18	1/2-14
2047-8-6	1/2-14	3/8-18
2047-8-8	1/2-14	1/2-14
2047-8-12	1/2-14	3/4-14
2047-8-16*	1/2-14	1-11½
2047-12-8	3/4-14	1/2-14
2047-12-12	3/4-14	3/4-14
2047-12-16	3/4-14	1 - 11½
2047-16-12	1 - 11½	3/4-14
2047-16-16	1 - 11½	1 - 11½
2047-16-20*	1 -11½	1¼ -11½
2047-20-16*	1¼ -11½	1 -11½
2047-20-20	1¼ - 11½	1¼ - 11½
2047-20-24*	1¼ -11½	1½ -11½
2047-24-20*	1½-11½	1¼ -11½
2047-24-24	1½ - 11½	1½ - 11½
2047-32-32	2 - 11½	2 - 11½

*May not be Aeroquip product.

INTERNAL PIPE SWIVEL (NPSM)/ EXTERNAL PIPE



Part No.	Thread P1	Thread P2
2049-2-2	1/8-27	1/8-27
2049-4-2*	1/4-18	1/8-27
2049-4-4	1/4-18	1/4-18
2049-4-6*	1/4-18	3/8-18
2049-6-4*	3/8-18	1/4-18
2049-6-6	3/8-18	3/8-18
2049-6-8	3/8-18	1/2-14
2049-8-6	1/2-14	3/8-18
2049-8-8	1/2-14	1/2-14
2049-8-12*	1/2-14	3/4-14
2049-12-8*	3/4-14	1/2-14
2049-12-12	3/4-14	3/4-14
2049-12-16*	3/4-14	1-11½
2049-16-12*	1 -11½	3/4-14
2049-16-16	1 - 11½	1 - 11½
2049-16-20*	1 -11½	1¼ -11½
2049-20-16*	1¼ -11½	1 -11½
2049-20-20	1¼ - 11½	1¼ - 11½
2049-24-24*	1½ -11½	1½ -11½
2049-32-32*	2 -11½	2 -11½

*May not be Aeroquip product.

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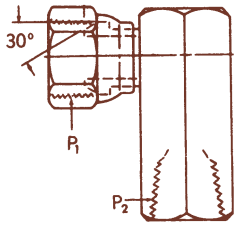
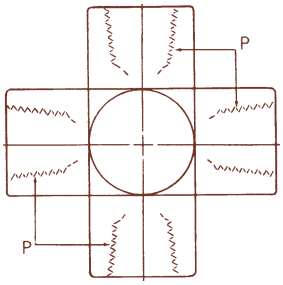
INTERNAL PIPE SWIVEL (NPSM)/ INTERNAL PIPE



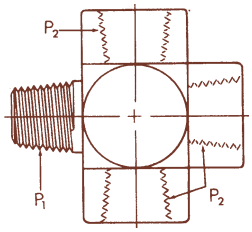
Part No.	Thread P1	Thread P2
2048-4-4	1/4-18	1/4-18
2048-6-6	3/8-18	3/8-18
2048-8-8	1/2-14	1/2-14
2048-12-12	3/4-14	3/4-14
2048-16-16	1 - 11½	1 - 11½
2048-20-20	1¼ - 11½	1¼ - 11½
2048-24-24	1½ - 11½	1½ - 11½

INTERNAL PIPE/INTERNAL PIPE



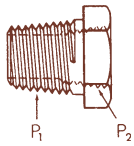
Part No.	Thread P
2080-2-2	1/8-27
2080-4-4	1/4-18
2080-6-6	3/8-18
2080-8-8	1/2-14
2080-12-12	3/4-14
2080-16-16	1 - 11½

EXTERNAL PIPE/INTERNAL PIPE



Part No.	Thread	Thread P
208007-4-4	1/4-18	1/4-18
208007-6-6	3/8-18	3/8-18
208007-8-8	1/2-14	1/2-14
208007-12-12	3/4-14	3/4-14

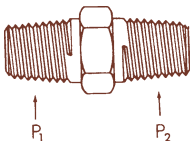
REDUCER - EXTERNAL PIPE/ INTERNAL PIPE



Part No.	Thread P1	Thread P2
2081-4-2	1/4-18	1/8-27
2081-6-2	3/8-18	1/8-27
2081-6-4	3/8-18	1/4-18
2081-8-2	1/2-14	1/8-27
2081-8-4	1/2-14	1/4-18
2081-8-6	1/2-14	3/8-18
2081-12-4	3/4-14	1/4-18
2081-12-6	3/4-14	3/8-18
2081-12-8	3/4-14	1/2-14
2081-16-4*	1-11½	1/4-18
2081-16-6	1-11½	3/8-14
2081-16-8	1-11½	1/2-14
2081-16-12	1-11½	3/4-14
2081-20-6*	1¼ -11½	3/8-18
2081-20-8*	1¼ -11½	1/2-14
2081-20-12	1¼ -11½	3/4-14
2081-20-16	1¼ -11½	1-11½
2081-24-12	1½ -11½	3/4-14
2081-24-16	1½ -11½	1-11½
2081-24-20	1½ -11½	1¼-11½
2081-32-16	2-11½	1-11½
2081-32-20	2-11½	1¼-11½
2081-32-24	2-11½	1½ -11½

*May not be Aeroquip product.

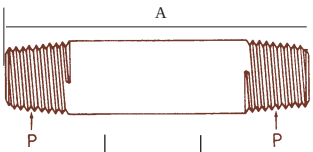
NIPPLE - EXTERNAL PIPE/ EXTERNAL PIPE



Part No.	Thread P1	Thread P2
2083-2-2	1/8-27	1/8-27
2083-4-2	1/4-18	1/8-27
2083-4-4	1/4-18	1/4-18
2083-6-2*	3/8-18	1/8-27
2083-6-4	3/8-18	1/4-18
2083-6-6	3/8-18	3/8-18
2083-8-4	1/2-14	1/4-18
2083-8-6	1/2-14	3/8-18
2083-8-8	1/2-14	1/2-14
2083-12-6*	3/4-14	3/8-18
2083-12-8	3/4-14	1/2-14
2083-12-12	3/4-14	3/4-14
2083-16-8*	1-11½	1/2-14
2083-16-12	1-11½	3/4-14
2083-16-16	1-11½	1-11½
2083-20-12*	1¼-11½	3/4-14
2083-20-16	1¼-11½	1-11½
2083-20-20	1¼-11½	1¼-11½
2083-24-20*	1½-11½	1¼-11½
2083-24-24	1½-11½	1½-11½
2083-32-24*	2-11½	1½-11½
2083-32-32	2-11½	2-11½

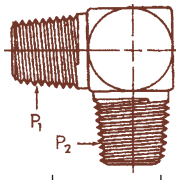
*May not be Aeroquip product.

NIPPLE - EXTERNAL PIPE/ EXTERNAL PIPE



Part No.	Thread P	A
2084-2S-3/4	1/8-27	.75
2084-2S-2	1/8-27	2.00
2084-4S-7/8	1/4-18	.88
2084-4S-3	1/4-18	3.00
2084-4S-4	1/4-18	4.00
2084-6S-3	3/8-18	3.00
2084-6S-6	3/8-18	6.00
2084-8S-2-1/2	1/2-14	2.50
2084-12S-1-3/8	3/4-14	1.38

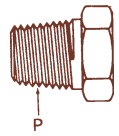
EXTERNAL PIPE/EXTERNAL PIPE



Part No.	Thread P1	Thread P2
2085-2-2	1/8-27	1/8-27
2085-4-2*	1/4-18	1/8-27
2085-4-4	1/4-18	1/4-18
2085-6-4	3/8-18	1/4-18
2085-6-6	3/8-18	3/8-18
2085-8-6	1/2-14	3/8-18
2085-8-8	1/2-14	1/2-14
2085-12-8	3/4-14	1/2-14
2085-12-12	3/4-14	3/4-14
2085-16-12	1-11½	3/4-14
2085-16-16	1-11½	1-11½

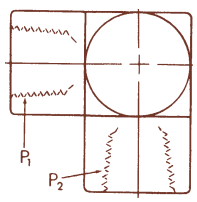
*May not be Aeroquip product.

EXTERNAL PIPE/PLUG



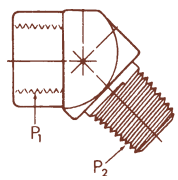
Part No.	Thread P
2082-2	1/8-27
2082-4	1/4-18
2082-6	3/8-18
2082-8	1/2-14
2082-12	3/4-14
2082-16	1-11½
2082-20	1¼ - 11½
2082-24	1½-11½

INTERNAL PIPE/INTERNAL PIPE



Part No.	Thread P1	Thread P2
2087-2-2	1/8-27	1/8-27
2087-4-4	1/4-18	1/4-18
2087-6-4	3/8-18	1/4-18
2087-6-6	3/8-18	3/8-18
2087-8-6	1/2-14	3/8-18
2087-8-8	1/2-14	1/2-14
2087-12-8	3/4-14	1/2-14
2087-12-12	3/4-14	3/4-14
2087-16-12	1-11½	3/4-14
2087-16-16	1-11½	1-11½
2087-20-20	1¼-11½	1¼-11½
2087-24-24	1½-11½	1½-11½

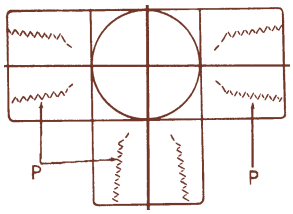
EXTERNAL PIPE/INTERNAL PIPE



Part No.	Thread P1	Thread P2
2088-2-2	1/8-27	1/8-27
2088-4-4	1/4-18	1/4-18
2088-6-6	3/8-18	3/8-18
2088-8-8	1/2-14	1/2-14
2088-12-12	3/4-14	3/4-14
2088-16-16	1-11½	1-11½
2088-20-20*	1¼-11½	1¼-11½

*May not be Aeroquip product.

INTERNAL PIPE/INTERNAL PIPE



Part No.	Thread P
2090-2-2	1/8-27
2090-4-4	1/4-18
2090-6-6	3/8-18
2090-8-8	1/2-14
2090-12-12	3/4-14
2090-16-16	1-11½
2090-20-20	1¼-11½
2090-24-24	1½-11½

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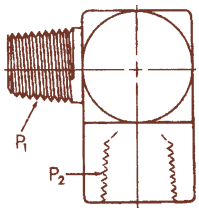
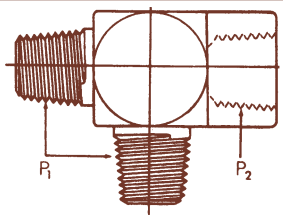
EXTERNAL PIPE/INTERNAL PIPE



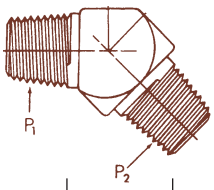
Part No.	Thread P1	Thread P2
2089-2-2	1/8-27	1/8-27
2089-2-4	1/8-27	1/4-18
2089-4-2	1/4-18	1/8-27
2089-4-4	1/4-18	1/4-18
2089-4-6	1/4-18	3/8-18
2089-6-4	3/8-18	1/4-18
2089-6-6	3/8-18	3/8-18
2089-6-8	3/8-18	1/2-14
2089-8-6	1/2-14	3/8-18
2089-8-8	1/2-14	1/2-14
2089-8-12	1/2-14	3/4-14
2089-12-8	3/4-14	1/2-14
2089-12-12	3/4-14	3/4-14
2089-16-16	1-11½	1-11½
2089-20-20	1¼-11½	1¼-11½
2089-24-24	1½-11½	1½-11½



EXTERNAL PIPE/INTERNAL PIPE

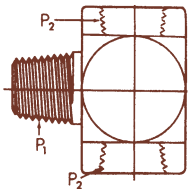
Part No.	Thread P1	Thread P2
2093-8-8	1/2-14	1/2-14
2093-12-12	3/4-14	3/4-14
2093-16-16	1-11½	1-11½

EXTERNAL PIPE/EXTERNAL PIPE



Part No.	Thread P1	Thread P2
2247-4-4	1/4-18	1/4-18
2247-6-6	3/8-18	3/8-18
2247-8-8	1/2-14	1/2-14
2247-12-12	3/4-14	3/4-14
2247-16-16	1-11½	1-11½
2247-20-20	1¼-11½	1¼-11½

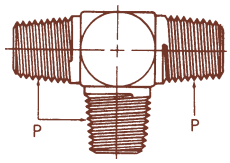
EXTERNAL PIPE/INTERNAL PIPE



Part No.	Thread P_1	Thread P_2
2091-2-2	1/8-27	1/8-27
2091-4-4	1/4-18	1/4-18
2091-6-6	3/8-18	3/8-18
2091-8-8	1/2-14	1/2-14
2091-12-12	3/4-14	3/4-14
2091-16-16	1-11½	1-11½
2091-20-20*	1¼-11½	1¼-11½

*May not be Aeroquip product.

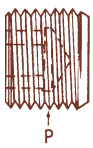
EXTERNAL PIPE/EXTERNAL PIPE



Part No.	Thread P
2257-4-4	1/4-18
2257-6-6	3/8-18
2257-8-8	1/2-14
2257-12-12*	3/4-14

*May not be Aeroquip product.

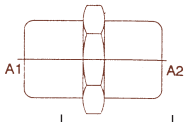
EXTERNAL PIPE/PLUG COUNTERSUNK HEX



Part No.	Thread P
2222-2	1/8-27
2222-4	1/4-18
2222-6	3/8-18
2222-8	1/2-14
2222-12*	3/4-14
2222-16*	1-11½
2222-20*	1¼-11½

*May not be Aeroquip product.

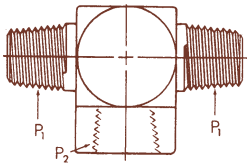
COUPLING-INTERNAL PIPE/ INTERNAL PIPE



Part No.	A1 NPTF	A2 NPTF
2096-2	1/8-27	1/8-27
2096-4	1/4-18	1/4-18
2096-4-2*	1/4-18	1/8-27
2096-6	3/8-18	3/8-18
2096-6-2*	3/8-18	1/8-27
2096-6-4*	3/8-18	1/4-18
2096-8	1/2-14	1/2-14
2096-8-4*	1/2-14	1/4-18
2096-8-6*	1/2-14	3/8-18
2096-12	3/4-14	3/4-14
2096-12-6*	3/4-14	3/8-18
2096-12-8*	3/4-14	1/2-14
2096-16	1-11½	1-11½
2096-16-8*	1-11½	1/2-14
2096-16-12*	1-11½	3/4-14
2096-20	1¼-11½	1¼-11½
2096-20-16*	1¼-11½	1-11½
2096-24	1½-11½	1½-11½
2096-24-20*	1½-11½	1¼-11½

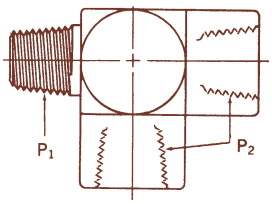
*May not be Aeroquip product.

EXTERNAL PIPE/INTERNAL PIPE

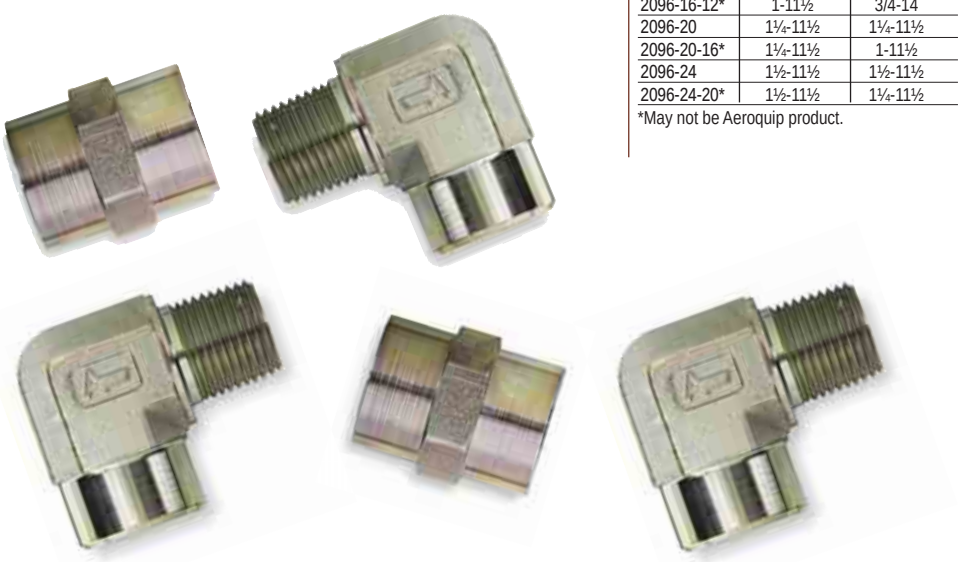


Part No.	Thread P1	Thread P2
2256-2-2	1/8-27	1/8-27
2256-4-4	1/4-18	1/4-18
2256-6-6	3/8-18	3/8-18
2256-8-8	1/2-14	1/2-14
2256-12-12	3/4-14	3/4-14
2256-16-16	1-11½	1-11½

EXTERNAL PIPE/INTERNAL PIPE



Part No.	Thread P_1	Thread P_2
2092-2-2	1/8-27	1/8-27
2092-4-4	1/4-18	1/4-18
2092-6-6	3/8-18	3/8-18
2092-8-8	1/2-14	1/2-14
2092-12-12	3/4-14	3/4-14
2092-16-16	1-11½	1-11½
2092-20-20	1¼-11½	1¼-11½



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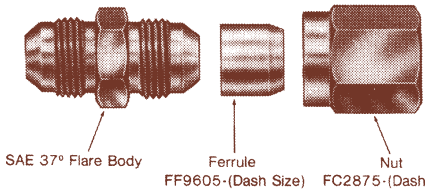
Versil-flare™ Flareless & Flared Tube Fittings

Versil·Flare™

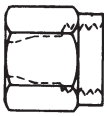
VERSIL-FLARE FLARELESS TUBE FITTING

The Aeroquip Versil-Flare Flareless Tube Fitting can use any standard SAE 37° male flare adapter or hose fitting as a body. This eliminates the need to inventory special flareless tube fitting bodies and results in reduced inventory expense. Aeroquip Versil-Flare Flareless Tube Fittings are available in sizes from 3/16" tube O.D. to 2" tube O.D.

Pre-setting tools and extra assembly time are eliminated because there's no need for flaring, special preparation, or pre-setting. The chance of assembly error is reduced because the ferrule can be installed only one way and assembly is the same for all sizes and tube wall thicknesses. This assures a tight joint every time. These features improve production rates.

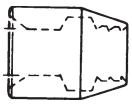


VERSIL-FLARE TUBE NUT (USE WITH FF9605 FERRULE)

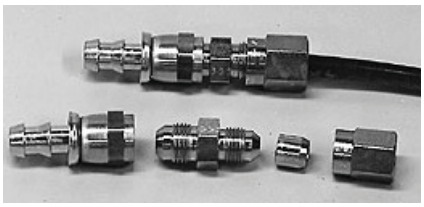


Part No.	Tube O.D.	Thread T
FC2875-4	1/4	7/16-20
FC2875-5	5/16	1/2-20
FC2875-6	3/8	9/16-18
FC2875-8	1/2	3/4-16
FC2875-10	5/8	7/8-14
FC2875-12	3/4	1-1/16 - 12
FC2875-16	1	1-5/16 - 12
FC2875-20	1¼	1-5/8-12
FC2875-24	1½	1-7/8-12

VERSIL-FLARE TUBE FERRULE (USE WITH FC2875 NUT ONLY)



Part No.	Tube O.D.
FF9605-4	1/4
FF9605-5	5/16
FF9605-6	3/8
FF9605-8	1/2
FF9605-10	5/8
FF9605-12	3/4
FF9605-16	1
FF9605-20	1¼
FF9605-24	1½

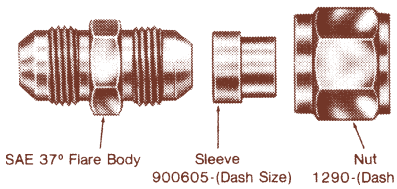


VERSIL-FLARE FLARED TUBE FITTING

The Aeroquip industrial standard three piece flare type tube fitting can be used on the full range of standard steel hydraulic tubing in various wall thicknesses from 3/16" tube O.D. to 2" tube O.D. All three components are constructed from high quality zinc plated steel for long service life. The standard SAE 37° flare angle is used to produce a highly efficient seal under hydraulic pressures. The sleeve is used to help support the tube and absorb vibration.

Assembly is easy. A properly sized wrench and flaring tool are all that is necessary. This is important in tight locations. Aeroquip standard SAE 37° flare type fittings can also be disassembled and re-assembled repeatedly. Aeroquip quality is built into every component to assure leakproof connections.

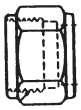
The Aeroquip standard SAE 37° flare type tube fitting conforms to the following hydraulic tube fitting standards. Military specification, MIL-F-18866 and SAE J514.



TUBE SLEEVE (USE WITH 1290 NUT ONLY)

Part No.	Tube O.D.
900605-4	1/4
900605-5	5/16
900605-6	3/8
900605-8	1/2
900605-10	5/8
900605-12	3/4
900605-16	1
900605-20	1¼
900605-24	1½
900605-32	2

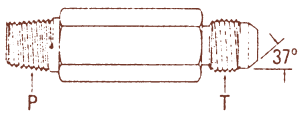
TUBE NUT (STYLE B) (USE WITH 900605- SLEEVE ONLY)



Part No.	Tube O.D.	Thread T
1290-4	1/4	7/16-20
1290-5	5/16	1/2-20
1290-6	3/8	9/16-18
1290-8	1/2	3/4-16
1290-10	5/8	7/8-14
1290-12	3/4	1-1/16-12
1290-16	1	1-5/16-12
1290-20	1¼	1-5/8-12
1290-24	1½	1-7/8-12
1290-32	2	2½-12

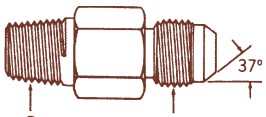
Tube Fittings — Tube To Pipe

JIC X NPT LONG ADAPTER



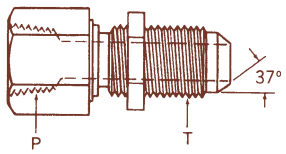
Part Number	Tube O.D.	Thread P	Thread T
202114-2-4	.25	1/8-27	7/16-20
202114-4-4	.25	1/4-18	7/16-20
202114-6-8	.50	3/8-18	3/4-16
202114-12-12	.75	3/4-14	1-1/16-12
202114-16-16	1.00	1-11½	1-5/16-12

STRAIGHT SAE 37°/LONG EXTERNAL PIPE



Part Number	Tube O.D.	Thread P	Thread T
202113-2-4	1/4	1/8-27	7/16-20
202113-4-4	1/4	1/4-18	7/16-20
202113-2-5	5/16	1/8-27	1/2-20
202113-4-5	5/16	1/4-18	1/2-20
202113-4-6	3/8	1/4-18	9/16-18
202113-6-6	3/8	3/8-18	9/16-18
202113-6-8	1/2	3/8-18	3/4-16
202113-8-10	5/8	1/2-14	7/8-14
202113-8-12	3/4	1/2-14	1-1/16-12
202113-12-12	3/4	3/4-14	1-1/16-12
202113-16-16	1	1-11½	1-5/16-12

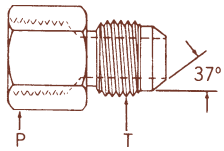
INTERNAL PIPE/37° FLARE BULKHEAD



Part Number	Tube O.D.	Thread P	Thread T
2239-2-4	.25	1/8-27	7/16-20
2239-4-4*	.25	1/4-18	7/16-20
2239-4-6*	.38	1/4-18	9/16-18
2239-6-6*	.38	3/8-18	9/16-18
2239-6-8	.50	3/8-18	3/4-16
2239-12-12	.75	3/4-14	1-1/16-12
2239-16-16	1.00	1-11½	1-5/16-12

*May not be Aeroquip product.

STRAIGHT SAE 37°/INTERNAL PIPE



Part Number	Tube O.D.	Thread P	Thread T
2022-2-4	1/4	1/8-27	7/16-20
2022-2-6*	3/8	1/8-27	9/16-18
2022-4-4	1/4	1/4-18	7/16-20
2022-2-5	5/16	1/8-27	1/2-20
2022-4-5	5/16	1/4-18	1/2-20
2022-4-6	3/8	1/4-18	9/16-18
2022-4-8	1/2	1/4-18	3/4-16
2022-6-4*	1/4	3/8-18	7/16-20
2022-6-6	3/8	3/8-18	9/16-18
2022-8-6	3/8	1/2-14	9/16-18
2022-6-8	1/2	3/8-18	3/4-16
2022-8-4	1/4	1/2-14	7/16-20
2022-8-8	1/2	1/2-14	3/4-16
2022-12-8	1/2	3/4-14	3/4-16
2022-8-10	5/8	1/2-14	7/8-14
2022-12-10	5/8	3/4-14	7/8-14
2022-8-12	3/4	1/2-14	1-1/16-12
2022-12-12	3/4	3/4-14	1-1/16-12
2022-12-16	1	3/4-14	1-5/16-12
2022-16-12	3/4	1-11½	1-1/16-12
2022-16-16	1	1-11½	1-5/16-12
2022-20-16	1	1¼-11½	1-5/16-12
2022-20-20	1¼	1¼-11½	1-5/8-12
2022-24-24	1½	1½-11½	1-7/8-12
2022-32-32	2	2-11½	2½-12

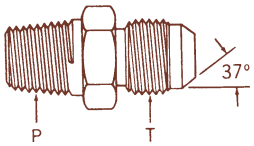
*May not be Aeroquip product.

EATON | Aeroquip

PREMIER DISTRIBUTOR Aeroquip

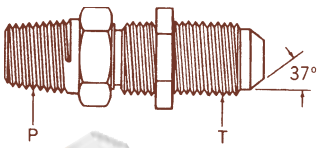
Tube Fittings — Tube To Pipe

STRAIGHT SAE 37°/EXTERNAL PIPE



Part Number	Tube O.D.	Thread P	Thread T
2021-2-3	1/8	1/8-27	3/8-24
2021-2-4	1/4	1/8-27	7/16-20
2021-4-4	1/4	1/4-18	7/16-20
2021-6-4	1/4	3/8-18	7/16-20
2021-8-4	1/4	1/2-14	7/16-20
2021-2-5	5/16	1/8-27	1/2-20
2021-4-5	5/16	1/4-18	1/2-20
2021-6-5	5/16	3/8-18	1/2-20
2021-2-6	3/8	1/8-27	9/16-18
2021-4-6	3/8	1/4-18	9/16-18
2021-6-6	3/8	3/8-18	9/16-18
2021-8-6	3/8	1/2-14	9/16-18
2021-4-8	1/2	1/4-18	3/4-16
2021-6-8	1/2	3/8-18	3/4-16
2021-8-8	1/2	1/2-14	3/4-16
2021-12-6	3/8	3/4-14	9/16-18
2021-12-8	1/2	3/4-14	3/4-16
2021-6-10	5/8	3/8-18	7/8-14
2021-8-10	5/8	1/2-14	7/8-14
2021-12-10	5/8	3/4-14	7/8-14
2021-8-12	3/4	1/2-14	1-1/16-12
2021-12-12	3/4	3/4-14	1-1/16-12
2021-16-12	3/4	1-11½	1-1/16-12
2021-20-12	3/4	1¼-11½	1-1/16-12
2021-12-16	1	3/4-14	1-5/16-12
2021-16-16	1	1-11½	1-5/16-12
2021-20-16	1	1¼-11½	1-5/16-12
2021-24-16	1	1½-11½	1-5/16-12
2021-16-20	1¼	1-11½	1-5/8-12
2021-20-20	1¼	1¼-11½	1-5/8-12
2021-24-20	1¼	1½-11½	1-5/8-12
2021-16-24	1½	1-11½	1-7/8-12
2021-20-24	1½	1¼-11½	1-7/8-12
2021-24-24	1½	1½-11½	1-7/8-12
2021-24-32	2	1½-11½	2½-12
2021-32-32	2	2-11½	2½-12
2021-40-40	2½	2½-8	3-12

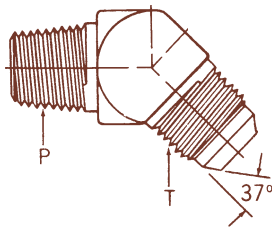
STRAIGHT SAE 37°/BULKHEAD/ EXTERNAL PIPE



Part Number	Tube O.D.	Thread P	Thread T
2240-2-4	1/4	1/8-27	7/16-20
2240-4-4	1/4	1/4-18	7/16-20
2240-4-6	3/8	1/4-18	9/16-18
2240-6-6*	3/8	3/8-18	9/16-18
2240-6-8	1/2	3/8-18	3/4-16
2240-8-8*	1/2	1/2-14	3/4-19
2240-8-10	5/8	1/2-14	7/8-14
2240-12-12	3/4	3/4-14	1-1/16-12
2240-16-16	1	1-11½	1-5/16-12

*May not be Aeroquip product.

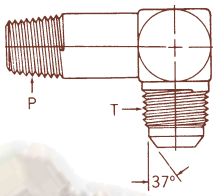
45° SAE 37°/EXTERNAL PIPE



Part Number	Tube O.D.	Thread P	Thread T
2023-2-4	1/4	1/8-27	7/16-20
2023-4-4	1/4	1/4-18	7/16-20
2023-6-4	1/4	3/8-18	7/16-20
2023-8-4*	1/4	1/2-14	7/16-20
2023-2-5	5/16	1/8-27	1/2-20
2023-4-5	5/16	1/4-18	1/2-20
2023-2-6	3/8	1/8-27	9/16-18
2023-4-6	3/8	1/4-18	9/16-18
2023-6-6	3/8	3/8-18	9/16-18
2023-8-6	3/8	1/2-14	9/16-18
2023-12-6*	3/8	3/4-14	9/16-18
2023-4-8	1/2	1/4-18	3/4-16
2023-6-8	1/2	3/8-18	3/4-16
2023-8-8	1/2	1/2-14	3/4-16
2023-12-8	1/2	3/4-14	3/4-16
2023-6-10	5/8	3/8-18	7/8-14
2023-8-10	5/8	1/2-14	7/8-14
2023-12-10	5/8	3/4-14	7/8-14
2023-8-12	3/4	1/2-14	1-1/16-12
2023-12-12	3/4	3/4-14	1-1/16-12
2023-16-12	3/4	1-11½	1-1/16-12
2023-8-16*	1	1/2-14	1-5/16-12
2023-12-16	1	3/4-14	1-5/16-12
2023-16-16	1	1-11½	1-5/16-12
2023-20-16*	1	1¼-11½	1-5/16-12
2023-16-20	1¼	1-11½	1-5/8-12
2023-20-20	1¼	1¼-11½	1-5/8-12
2023-24-20*	1¼	1½-11½	1-5/8-12
2023-20-24*	1½	1½-11½	1-7/8-12
2023-24-24	1½	1½-11½	1-7/8-12
2023-32-32	2	2-11½	2½-12

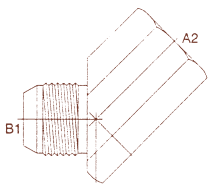
*May not be Aeroquip product.

90° SAE 37°/LONG EXTERNAL PIPE



Part Number	Tube O.D.	Thread P	Thread T
202411-2-4	1/4	1/8-27	7/16-20
202411-4-4	1/4	1/4-18	7/16-20
202411-2-5	5/16	1/8-27	1/2-20
202411-4-6	3/8	1/4-18	9/16-18
202411-6-8	1/2	3/8-18	3/4-16
202411-8-8	1/2	1/2-14	3/4-16
202411-8-10	5/8	1/2-14	7/8-14
202411-12-12	3/4	3/4-14	1-1/16-12
202411-16-16	1	1-11½	1-5/16-12
202411-20-20	1¼	1¼-11½	1-5/8-12

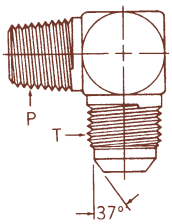
MALE J.I.C. TO FEMALE PIPE 45°



Part Number	Tube O.D.	Thread B_1	Thread A_2
2044-4-4*	1/4	7/16-20	1/4-18
2044-6-6*	3/8	9/16-18	3/8-18
2044-6-8	1/2	3/4-16	3/8-18
2044-8-8*	1/2	1/2-14	1/2-14
2044-8-10*	5/8	7/8-14	1/2-14
2044-12-12	3/4	1-1/16-12	3/4-14
2044-16-16*	1	1-5/16-12	1-11½

*May not be Aeroquip product.

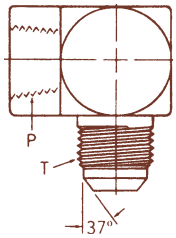
90° SAE 37°/EXTERNAL PIPE



Part Number	Tube O.D.	Thread P	Thread T
2024-2-4	1/4	1/8-27	7/16-20
2024-4-4	1/4	1/4-18	7/16-20
2024-6-4	1/4	3/8-18	7/16-20
2024-8-4	1/4	1/2-14	7/16-20
2024-12-4*	1/4	3/4-14	7/16-20
2024-2-5	5/16	1/8-27	1/2-20
2024-4-5	5/16	1/4-18	1/2-20
2024-6-5	5/16	3/8-18	1/2-20
2024-2-6	3/8	1/8-27	9/16-18
2024-4-6	3/8	1/4-18	9/16-18
2024-6-6	3/8	3/8-18	9/16-18
2024-8-6	3/8	1/2-14	9/16-18
2024-12-6	3/8	3/4-14	9/16-18
2024-4-8	1/2	1/4-18	3/4-16
2024-6-8	1/2	3/8-18	3/4-16
2024-8-8	1/2	1/2-14	3/4-16
2024-12-8	1/2	3/4-14	3/4-16
2024-16-8	1/2	1-11½	3/4-16
2024-6-10	5/8	3/8-18	7/8-14
2024-8-10	5/8	1/2-14	7/8-14
2024-12-10	5/8	3/4-14	7/8-14
2024-16-10*	5/8	1-11½	7/8-14
2024-6-12	3/4	3/8-18	1-1/16-12
2024-8-12	3/4	1/2-14	1-1/16-12
2024-12-12	3/4	3/4-14	1-1/16-12
2024-16-12	3/4	1-11½	1-1/16-12
2024-20-12*	3/4	1¼-11½	1-1/16-12
2024-8-16	1	1/2-14	1-5/16-12
2024-12-16	1	3/4-14	1-5/16-12
2024-16-16	1	1-11½	1-5/16-12
2024-20-16	1	1¼-11½	1-5/16-12
2024-24-16*	1	1½-11½	1-5/16-12
2024-12-20*	1¼	3/4-14	1-5/8-12
2024-16-20	1¼	1-11½	1-5/8-12
2024-20-20	1¼	1¼-11½	1-5/8-12
2024-24-20	1¼	1½-11½	1-5/8-12
2024-16-24*	1½	1-11½	1-7/8-12
2024-20-24	1½	1¼-11½	1-7/8-12
2024-24-24	1½	1½-11½	1-7/8-12
2024-24-32	2	1½-11½	2½-12
2024-32-32	2	2-11½	2½-12

*May not be Aeroquip product.

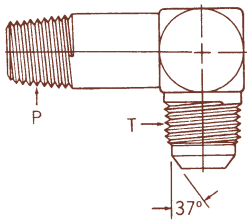
90° SAE 37°/INTERNAL PIPE



Part Number	Tube O.D.	Thread P	Thread T
2025-2-4	1/4	1/8-27	7/16-20
2025-2-5*	5/16	1/8-27	1/2-20
2025-2-6*	3/8	1/8-27	9/16-18
2025-4-4	1/4	1/4-18	7/16-20
2025-4-5	5/16	1/4-18	1/2-20
2025-4-6	3/8	1/4-18	9/16-18
2025-4-8	1/2	1/4-18	3/4-16
2025-6-4	1/4	3/8-18	7/16-20
2025-6-5*	5/16	3/8-18	1/2-20
2025-6-6	3/8	3/8-18	9/16-18
2025-6-8	1/2	3/8-18	3/4-16
2025-6-10*	5/8	3/8-18	7/8-14
2025-8-4*	1/4	1/2-14	7/16-20
2025-8-6*	3/8	1/2-14	9/16-18
2025-8-8	1/2	1/2-14	3/4-16
2025-8-10	5/8	1/2-14	7/8-14
2025-8-12	3/4	1/2-14	1-1/16-12
2025-12-8*	1/2	3/4-14	3/4-16
2025-12-10*	5/8	3/4-14	7/8-14
2025-12-12	3/4	3/4-14	1-1/16-12
2025-12-16*	1	3/4-14	1-5/16-12
2025-16-12*	3/4	1-11½	1-1/16-12
2025-16-16	1	1-11½	1-5/16-12
2025-20-16*	1	1¼-11½	1-5/16-12
2025-20-20	1¼	1¼-11½	1-5/8-12
2025-24-24	1½	1½-11½	1-7/8-12

*May not be Aeroquip product.

90° SAE 37°/EXTRA LONG EXTERNAL PIPE



Part Number	Tube O.D.	Thread P	Thread T
202413-2-4	1/4	1/8-27	7/16-20
202413-4-4	1/4	1/4-18	7/16-20
202413-2-5	5/16	1/8-27	1/2-20
202413-4-5	5/16	1/4-18	1/2-20
202413-4-6	3/8	1/4-18	9/16-18
202413-6-6	3/8	3/8-18	9/16-18
202413-6-8	1/2	3/8-18	3/4-16
202413-8-8	1/2	1/2-14	3/4-16
202413-8-10	5/8	1/2-14	7/8-14
202413-8-12	3/4	1/2-14	1-1/16-12
202413-12-12	3/4	3/4-14	1-1/16-12
202413-12-16	1	3/4-14	1-5/16-12
202413-16-16	1	1-11½	1-5/16-12

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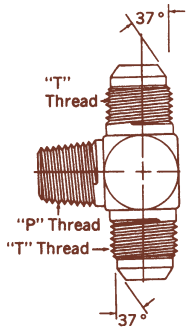
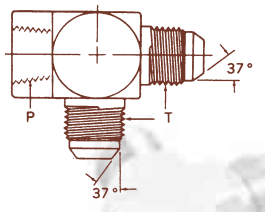
TEE SAE 37°/SAE 37°/ EXTERNAL PIPE



Part Number	Tube O.D.	Thread P	Thread T
2030-2-4	1/4	1/8-27	7/16-20
2030-4-4	1/4	1/4-18	7/16-20
2030-6-4*	1/4	3/8-18	7/16-20
2030-2-5*	5/16	1/8-27	1/2-20
2030-4-5	5/16	1/4-18	1/2-20
2030-4-6	3/8	1/4-18	9/16-18
2030-6-6	3/8	3/8-18	9/16-18
2030-8-6	3/8	1/2-14	9/16-18
2030-4-8*	1/2	1/4-18	3/4-16
2030-6-8	1/2	3/8-18	3/4-16
2030-8-8	1/2	1/2-14	3/4-16
2030-12-8*	1/2	3/4-14	3/4-16
2030-8-10	5/8	1/2-14	7/8-14
2030-12-10*	5/8	3/4-14	7/8-14
2030-12-12	3/4	3/4-14	1-1/16-12
2030-16-12*	3/4	1-11½	1-1/16-12
2030-12-16*	1	3/4-14	1-5/16-12
2030-16-16	1	1-11½	1-5/16-12
2030-20-20*	1¼	1¼-11½	1-5/8-12
2030-24-24*	1½	1½-11½	1-7/8-12

*May not be Aeroquip product.

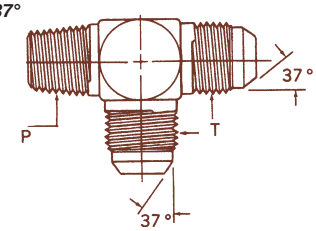
INTERNAL PIPE/37° FLARE SWIVEL



Part Number	Tube O.D.	Thread P	Thread T
2029-2-4*	.25	1/8-27	7/16-20
2029-4-4	.25	1/4-18	7/16-20
2029-4-6*	.38	1/4-18	9/16-18
2029-6-6*	.38	3/8-18	9/16-18
2029-6-8*	.50	3/8-18	3/4-16
2029-8-8	.50	1/2-14	3/4-16
2029-8-10*	.63	1/2-14	7/8-14
2029-12-12*	.75	3/4-14	1-1/16-12
2029-16-16*	1.00	1-11-1/2	1-5/16-12

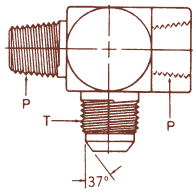
*May not be Aeroquip product.

TEE SAE 37°/EXTERNAL PIPE/SAE 37°



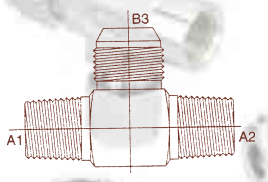
Part Number	Tube O.D.	Thread P	Thread T
2028-2-4	1/4	1/8-27	7/16-20
2028-4-4	1/4	1/4-18	7/16-20
2028-2-5	5/16	1/8-27	1/2-20
2028-4-5	5/16	1/4-18	1/2-20
2028-4-6	3/8	1/4-18	9/16-18
2028-6-6	3/8	3/8-18	9/16-18
2028-6-8	1/2	3/8-18	3/4-16
2028-8-8	1/2	1/2-14	3/4-16
2028-8-10	5/8	1/2-14	7/8-14
2028-12-12	3/4	3/4-14	1-1/16-12
2028-16-16	1	1-11½	1-5/16-12
2028-20-20	1¼	1¼-11½	1-5/8-12

TEE INTERNAL PIPE/EXTERNAL PIPE/SAE 37°



Part Number	Tube O.D.	Thread P	Thread T
203301-2-4	1/4	1/8-27	7/16-20
203301-4-6	3/8	1/4-18	9/16-18
203301-6-8	1/2	3/8-18	3/4-16
203301-8-10	5/8	1/2-14	7/8-14

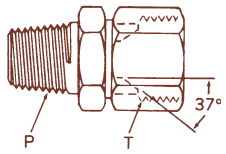
MALE PIPE TO MALE PIPE TO MALE J.I.C. TEE



Part Number	Tube O.D.	A1 NPTF	A2 NPTF	B3 SAE 37
202832-4-4*	1/4	1/4-18	1/4-18	7/16-20
202832-4-6*	1/4	1/4-18	1/4-18	9/16-18
202832-6-6*	3/8	3/8-18	3/8-18	9/16-18
202832-6-8*	3/8	3/8-18	3/8-18	3/4-16
202832-8-8*	1/2	3/4-16	1/2-14	1/2-14
202832-8-10*	1/2	1/2-14	1/2-14	7/8-14
202832-12-12*	3/4	3/4-14	3/4-14	1-1/16-12
202832-12-16*	3/4	3/4-14	3/4-14	1-11½
202832-16-16*	1	1-5/16-12	1-11½	1-11½

*May not be Aeroquip product.

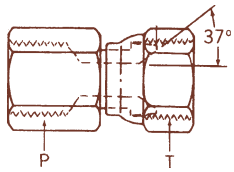
EXTERNAL PIPE/37° FLARE SWIVEL



Part Number	Tube O.D.	Thread P	Thread T
2018-2-4	1/4	1/8-27	7/16-20
2018-4-4*	1/4	1/4-18	7/16-20
2018-4-5*	1/4	1/4-18	1/2-20
2018-4-6	3/8	1/4-18	9/16-18
2018-6-6*	3/8	3/8-18	9/16-18
2018-6-8	1/2	3/8-18	3/4-16
2018-8-8	1/2	1/2-14	3/4-16
2018-8-10*	5/8	1/2-14	7/8-14
2018-8-12*	3/4	1/2-14	1-1/16-12
2018-12-12	3/4	3/4-14	1-1/16-12
2018-16-16	1	1-11½	1-5/16-12
2018-20-20	1¼	1¼-11½	1-5/8-12

*May not be Aeroquip product.

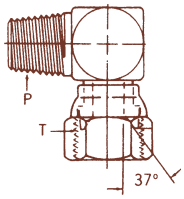
INTERNAL PIPE/37° FLARE SWIVEL



Part Number	Tube O.D.	Thread P	Thread T
2242-2-4	1/4	1/8-27	7/16-20
2242-4-4	1/4	1/4-18	7/16-20
2242-4-6*	3/8	1/4-18	9/16-18
2242-6-6	3/8	3/8-18	9/16-18
2242-8-6	3/8	1/2-14	9/16-18
2242-6-8	1/2	3/8-18	3/4-16
2242-8-8	1/2	1/2-14	3/4-16
2242-8-10	5/8	1/2-14	7/8-14
2242-12-10*	5/8	3/4-14	7/8-14
2242-12-12	3/4	3/4-14	1-1/16-12
2242-12-14	7/8	3/4-14	1-3/16-12
2242-16-16	1	1-11½	1-5/16-12
2242-20-20	1¼	1¼-11½	1-5/8-12

*May not be Aeroquip product.

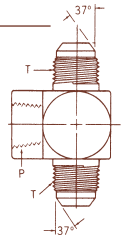
EXTERNAL PIPE/37° FLARE SWIVEL



Part Number	Tube O.D.	Thread P	Thread T
2250-2-4	1/4	1/8-27	7/16-20
2250-4-4	1/4	1/4-18	7/16-20
2250-4-6	3/8	1/4-18	9/16-18
2250-6-6	3/8	3/8-18	9/16-18
2250-8-6*	3/8	1/2-14	9/16-18
2250-6-8	1/2	3/8-18	3/4-16
2250-8-8	1/2	1/2-14	3/4-16
2250-12-8	1/2	3/4-14	3/4-16
2250-8-10	5/8	1/2-14	7/8-14
2250-12-12	3/4	3/4-14	1-1/16-12
2250-16-16	1	1-11½	1-5/16-12

*May not be Aeroquip product.

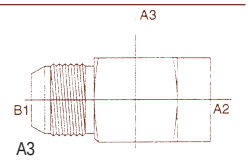
INTERNAL PIPE/37° FLARE SWIVEL



Part Number	Tube O.D.	Thread P	Thread T
2031-4-8*	.50	1/4-18	3/4-16
2031-6-6*	.38	3/8-18	9/16-18
2031-8-8*	.50	1/2-14	3/4-16
2031-8-12*	.75	1/2-14	1-1/16-12
2031-12-10*	.63	3/4-14	7/8-14
2031-12-12	.75	3/4-14	1-1/16-12
2031-12-16*	1.00	3/4-14	1-5/16-12
2031-16-12*	.75	1-11½	1-1/16-12
2031-16-16	1.00	1-11½	1-5/16-12

*May not be Aeroquip product.

MALE J.I.C. TO FEMALE PIPE TO FEMALE PIPE TEE

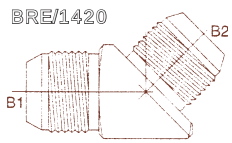


Part Number	Tube O.D.	B1 SAE 37	A2 NPTF	A3 NPTF
203104-16-16*	1	1-5/16-12	1-11½	1-11½
203104-20-20	1¼	1-5/8-12	1¼-11½	1¼-11½

*May not be Aeroquip product.

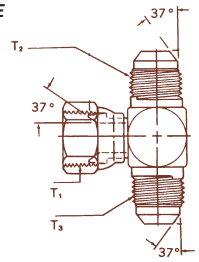
MALE J.I.C. TO MALE J.I.C. 45°

Part Number	Tube O.D.	B1 SAE 37	B2 SAE 37
2504-04-04FG*	1/4	7/16-20	7/16-20
2504-06-04FG*	3/8	9/16-18	7/16-20
2504-06-06FG*	3/8	9/16-18	9/16-18
2504-08-08FG*	1/2	3/4-16	3/4-16
2504-10-10FG*	5/8	7/8-14	7/8-14
2504-12-12FG*	3/4	1-1/16-12	1-1/16-12
2504-16-16FG*	1	1-5/16-12	1-5/16-12



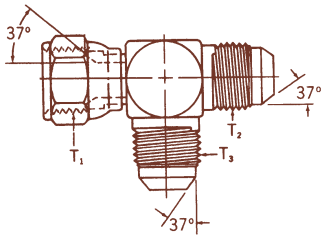
Tube Fittings — Tube To Tube

37° FLARE SWIVEL/37° FLARE/37° FLARE



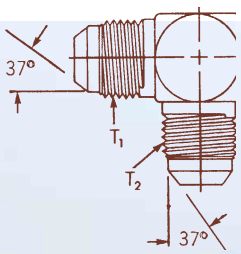
Part Number	Thread T
203101-4-4	7/16-20
203101-6-6	9/16-18
203101-8-8	3/4-16
203101-10-10	7/8-14
203101-12-12	1-1/16-12
203101-16-16	1-5/16-12
203101-20-20	1-5/8-12

TEE SAE 37°/SAE 37° SWIVEL/SAE 37°



Part Number	Tube O.D.	Thread T
203102-4-4	1/4	7/16-20
203102-5-5	5/16	1/2-20
203102-6-6	3/8	9/16-18
203102-8-8	1/2	3/4-16
203102-10-10	5/8	7/8-14
203102-12-12	3/4	1-1/16-12
203102-16-16	1	1-5/16-12
203102-20-20	1¼	1-5/8-12

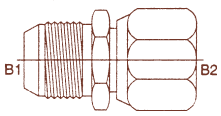
90° SAE 37°/SAE 37°



Part Number	Tube O.D.	Thread T
2039-4-4	1/4	7/16-20
2039-5-4*	5/16 ¼	1/2-20
2039-5-5	5/16	1/2-20
2039-6-4*	3/8 ¼	9/16-18
2039-6-5*	3/8 5/16	9/16-18
2039-6-6	3/8	9/16-18
2039-8-4*		3/4-16
2039-8-6		3/4-16
2039-8-8	1/2	3/4-16
2039-10-8*	5/8 ½	7/8-14
2039-10-10	5/8	7/8-14
2039-12-8*	¾ ½	1-1/16-12
2039-12-10*	3/4	1-1/16-12
2039-12-12	3/4	1-1/16-12
2039-16-12		1-5/16-12
2039-16-16	1	1-5/16-12
2039-20-20	1¼	1-5/8-12

*May not be Aeroquip product.

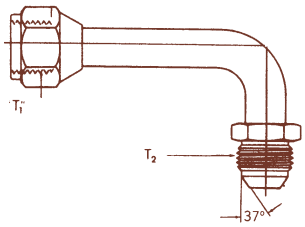
MALE J.I.C. TO FEMALE J.I.C. SWIVEL STRAIGHT BRE/1420



Part Number	Tube O.D.	Thread B_1	Thread B_2
6504-04-04*	1/4	7/16-20	7/16-20
6504-06-06*	3/8	9/16-18	9/16-20
6504-08-08*	1/2	3/4-16	3/4-16
6504-12-12*	3/4	1-1/16-12	1-1/16-12
6504-16-16*	1	1-5/16-12	1-5/16-12

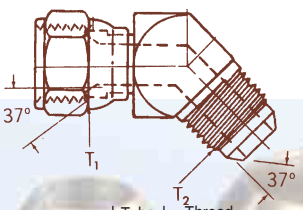
*May not be Aeroquip product.

37° FLARE SWIVEL/37° FLARE (SUITABLE FOR PRESSURES THROUGH 4 LIGHT SPIRAL HOSES SAE 100R9)



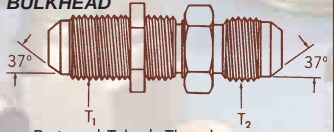
Part Number	Tube O.D.	Thread T_1	Thread T_2
504095-4	1/4	7/16-20	7/16-20
504095-6	3/8	9/16-18	9/16-18
504095-8	1/2	3/4-16	3/4-16
504095-10	5/8	7/8-14	7/8-14
504095-12	3/4	1-1/16-12	1-1/16-12
504095-16	1	1-5/16-12	1-5/16-12
504095-20	1-1/4	1-5/8-12	1-5/8-12

45° SAE 37°/SAE 37° SWIVEL



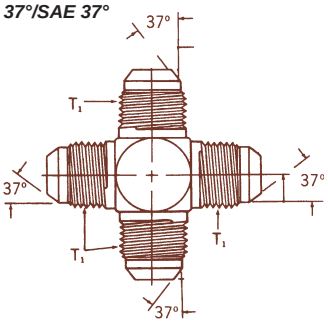
Part Number	Tube O.D.	Thread T
2070-4-4	1/4	7/16-20
2070-5-5	5/16	1/2-20
2070-6-6	3/8	9/16-18
2070-8-8	1/2	3/4-16
2070-10-10	5/8	7/8-14
2070-12-12	3/4	1-1/16-12
2070-16-16	1	1-5/16-12
2070-20-20	1¼	1-5/8-12

STRAIGHT SAE 37°/SAE 37° BULKHEAD



Part Number	Tube O.D.	Thread T
2041-4-4	1/4	7/16-20
2041-4-6		7/16-20
2041-5-5	5/16	1/2-20
2041-6-6	3/8	9/16-18
2041-8-8	1/2	3/4-16
2041-10-10	5/8	7/8-14
2041-12-12	3/4	1-1/16-12
2041-16-16	1	1-5/16-12
2041-20-20	1¼	1-5/8-12
2041-24-24	1½	1-7/8-12

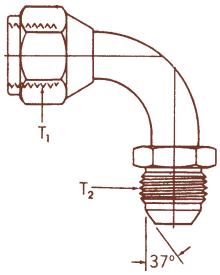
CROSS SAE 37°/SAE 37°/SAE 37°/SAE 37°



Part Number	Tube O.D.	Thread T
2020-4-4	1/4	7/16-20
2020-5-5	5/16	1/2-20
2020-6-6	3/8	9/16-18
2020-8-8	1/2	3/4-16
2020-12-12*	3/4	1-1/16-12
2020-16-16	1	1-5/16-12

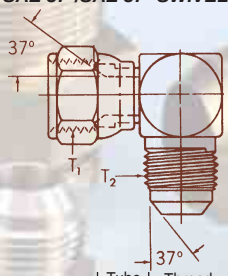
*May not be Aeroquip product.

90° SAE 37°/SAE 37° SWIVEL (SUITABLE FOR PRESSURES THROUGH 4 LIGHT SPIRAL HOSE - SAE 100R9)



Part Number	Tube O.D.	Thread T
500454-4	1/4	7/16-20
500454-5	5/16	1/2-20
500454-6	3/8	9/16-18
500454-8	1/2	3/4-16
500454-10	5/8	7/8-14
500454-12	3/4	1-1/16-12
500454-16	1	1-5/16-12
500454-20	1¼	1-5/8-12

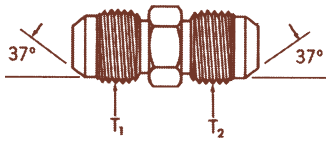
90° SAE 37°/SAE 37° SWIVEL



Part Number	Tube O.D.	Thread T
2071-4-4	1/4	7/16-20
2071-5-5	5/16	1/2-20
2071-6-6	3/8	9/16-18
2071-6-8*	1/2	3/4-16
2071-8-10*	5/8	7/8-14
2071-8-8	1/2	3/4-16
2071-10-8	1/2	7/8-14
2071-10-10	5/8	7/8-14
2071-12-12	3/4	1-1/16-12
2071-16-16	1	1-5/16-12
2071-20-20	1¼	1-5/8-12
2071-24-24	1½	1-7/8-12

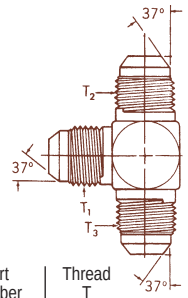
*May not be Aeroquip product.

STRAIGHT SAE 37°/SAE 37°



Part Number	Tube O.D.	Thread T_1	Thread T_2
2027-4-4	1/4	7/16-20	7/16-20
2027-5-4		1/2-20	7/16-20
2027-6-4		9/16-18	7/16-20
2027-8-4		3/4-16	7/16-20
2027-5-5	5/16	1/2-20	1/2-20
2027-6-5		9/16-18	1/2-20
2027-6-6	3/8	9/16-18	9/16-18
2027-8-6		3/4-16	9/16-18
2027-8-8	1/2	3/4-16	3/4-16
2027-10-8		7/8-14	3/4-16
2027-10-10	5/8	7/8-14	7/8-14
2027-12-8		1-1/16-12	3/4-16
2027-12-10		1-1/16-12	7/8-14
2027-12-12	3/4	1-1/16-12	1-1/16-12
2027-16-12		1-5/16-12	1-1/16-12
2027-16-16	1	1-5/16-12	1-5/16-12
2027-20-16		1-5/8-12	1-5/16-12
2027-20-20	1-1/4	1-5/8-12	1-5/8-12
2027-24-20*	1½ 1¼	1-7/8-12	1-5/8-12
2027-24-24	1½	1-7/8-12	1-7/8-12
2027-32-32	2	2½-12	2½-12

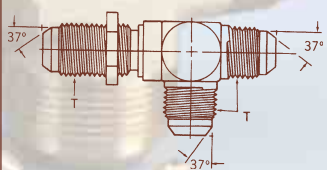
TEE SAE 37°/SAE 37°/SAE 37°



Part Number	Thread T
2033-4-4	7/16-20
2033-4-6*	7/16-20
2033-5-5	1/2-20
2033-6-4*	9/16-18
2033-6-6	9/16-18
2033-8-6*	3/4-16
2033-8-8	3/4-16
2033-10-8*	7/8-14
2033-10-10	7/8-14
2033-12-12	1-1/16-12
2033-12-16*	1-1/16-12
2033-16-16	1-5/16-12
2033-20-20	1-5/8-12

*May not be Aeroquip product.

37° FLARE BULKHEAD/37° FLARE



Part Number	Tube O.D.	Thread T
203008-4-4*	1/4	7/16-20
203008-6-6	3/8	9/16-18
203008-8-8	1/2	3/4-16
203008-12-12	3/4	1-1/16-12
203008-16-16	1	1-5/16-12

*May not be Aeroquip product.

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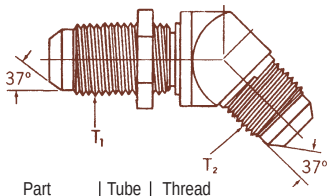
45° SAE 37°/SAE 37° BULKHEAD



Part Number	Tube O.D.	Thread T
2042-4-4	1/4	7/16-20
2042-5-5	5/16	1/2-20
2042-6-6	3/8	9/16-18
2042-8-8	1/2	3/4-16
2042-10-10	5/8	7/8-14
2042-12-12*	3/4	1-1/16-12
2042-16-16	1	1-5/16-12
2042-20-20	1¼	1-5/8-12

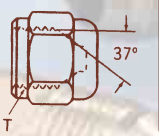
*May not be Aeroquip product.

BULKHEAD LOCK NUT

Part Number	Tube O.D.	Thread T
210212-4*	1/4	7/16-20
210212-5*	5/16	1/2-20
210212-6*	3/8	9/16-18
210212-8*	1/2	3/4-16
210212-10*	5/8	7/8-14
210212-12*	3/4	1-1/16-12
210212-16*	1	1-5/16-12
210212-20*	1¼	1-5/8-12

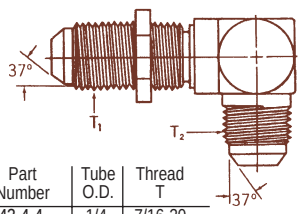
*May not be Aeroquip product.

CAP NUT



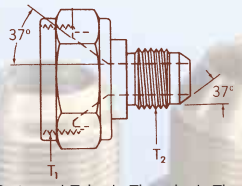
Part Number	Tube O.D.	Thread T
210292-3	3/16	3/8-24
210292-4	1/4	7/16-20
210292-5	5/16	1/2-20
210292-6	3/8	9/16-18
210292-8	1/2	3/4-16
210292-10	5/8	7/8-14
210292-12	3/4	1-1/16-12
210292-16	1	1-5/16-12
210292-20	1¼	1-5/8-12
210292-24	1½	1-7/8-12
210292-32	2	2½-12

90° SAE 37°/SAE 37° BULKHEAD



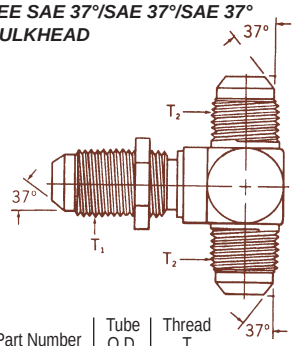
Part Number	Tube O.D.	Thread T
2043-4-4	1/4	7/16-20
2043-5-5	5/16	1/2-20
2043-6-6	3/8	9/16-18
2043-8-8	1/2	3/4-16
2043-10-10	5/8	7/8-14
2043-12-12	3/4	1-1/16-12
2043-16-16	1	1-5/16-12
2043-20-20	1¼	1-5/8-12

STRAIGHT SAE 37° SWIVEL (REDUCER)



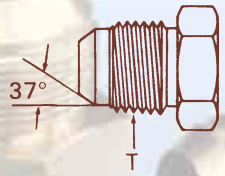
Part Number	Tube O.D.	Thread T_1	Thread T_2
221501-6-4	1/4	9/16-18	7/16-20
221501-8-4	1/4	3/4-16	7/16-20
221501-8-6	3/8	3/4-16	9/16-18
221501-10-6	3/8	7/8-14	9/16-18
221501-12-6	3/8	1-1/16-12	9/16-18
221501-12-8	1/2	1-1/16-12	3/4-16
221501-16-8	1/2	1-5/16-12	3/4-16
221501-16-10	5/8	1-5/16-12	7/8-14
221501-16-12	3/4	1-5/16-12	1-1/16-12
221501-20-16	1	1-5/8-12	1-5/16-12

TEE SAE 37°/SAE 37°/SAE 37° BULKHEAD



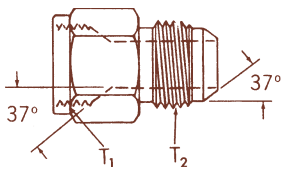
Part Number	Tube O.D.	Thread T
203002-4-4	1/4	7/16-20
203002-5-5	5/16	1/2-20
203002-6-6	3/8	9/16-18
203002-8-8	1/2	3/4-16
203002-10-10	5/8	7/8-14
203002-12-12	3/4	1-1/16-12
203002-16-16	1	1-5/16-12

SAE 37° FLARE/PLUG



Part Number	Tube O.D.	Thread T
900599-4	1/4	7/16-20
900599-5	5/16	1/2-20
900599-6	3/8	9/16-18
900599-8	1/2	3/4-16
900599-10	5/8	7/8-14
900599-12	3/4	1-1/16-12
900599-16	1	1-5/16-12
900599-20	1¼	1-5/8-12
900599-24	1½	1-7/8-12
900599-32	2	2½-12

STRAIGHT SAE 37° (INTERNAL REDUCER)



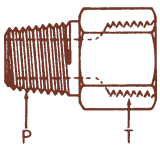
Part Number	Tube O.D.	Thread T_1	Thread T_2
2215-4-6*	1/4	7/16-20	9/16-18
2215-5-4*	5/16	1/2-20	7/16-20
2215-6-4*	3/8	9/16-18	7/16-20
2215-6-8*	3/8	9/16-18	3/4-16
2215-6-5	5/16	9/16-18	1/2-20
2215-8-4*	1/2	3/4-16	7/16-20
2215-8-6*	1/2	3/4-16	9/16-18
2215-8-10*	1/2	3/4-16	7/8-14
2215-8-12*	1/2	3/4-16	1-1/16-12
2215-10-6*	5/8	7/8-14	9/16-18
2215-10-8	1/2	7/8-14	3/4-16
2215-12-4*	3/4	1-1/16-12	7/16-20
2215-12-6*	3/4	1-1/16-12	9/16-18
2215-12-8*	3/4	1-1/16-12	3/4-16
2215-12-10	5/8	1-1/16-12	7/8-14
2215-12-16	1	1-1/16-12	1-5/16-12
2215-16-6*	1	1-5/16-12	9/16-18
2215-16-8*	1	1-5/16-12	3/4-16
2215-16-10*	1	1-5/16-12	7/8-14
2215-16-12*	1	1-5/16-12	1-1/16-12
2215-16-14*	1	1-5/16-12	1-3/16-12
2215-16-20	1¼	1-5/16-12	1-5/8-12
2215-20-12*	1¼	1-5/8-12	1-1/16-12
2215-20-16*	1¼	1-5/8-12	1-5/16-12
2215-24-12*	1½	1-7/8-12	1-1/16-12
2215-24-16*	1½	1-7/8-12	1-5/16-12
2215-24-20	1¼	1-7/8-12	1-5/8-12

*May not be Aeroquip product.

EATON | Aeroquip

Adapters — S.A.E. "O" Ring Boss

EXTERNAL PIPE/SAE "O" RING BOSS (INTERNAL)

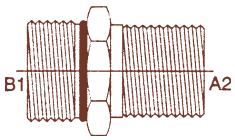


Part Number	Thread P	Thread T
2246-2-4	1/8-27	7/16-20
2246-2-5	1/8-27	1/2-20
2246-4-6	1/4-18	9/16-18
2246-6-6*	3/8-18	9/16-18
2246-6-8	3/8-18	3/4-16
2246-8-8*	1/2-14	3/4-16
2246-8-10	1/2-14	7/8-14
2246-12-12	3/4-14	1-1/16-12
2246-12-14	3/4-14	1-3/16-12
2246-16-16	1-11½	1-5/16-12

*May not be Aeroquip product.

MALE O-RING BOSS TO MALE PIPE STRAIGHT

BRE/1420



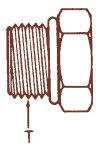
Part Number	Thread B_1	Thread A_2
6401-04-02-O*	7/16-20	1/8-27
6401-06-04-O*	9/16-18	1/4-18
6401-08-06-O*	3/4-16	3/8-18
6401-08-08-O*	3/4-16	1/2-14
6401-10-08-O*	7/8-14	1/2-14
6401-12-12-O*	1-1/16-12	3/4-14
6401-16-16-O*	1-5/16-12	1-11½

*May not be Aeroquip product.

"O" RING (BUNA N)

Part Number	Tube O.D.
22617-4	1/4
22617-5	5/16
22617-6	3/8
22617-8	1/2
22617-10	5/8
22617-12	3/4
22617-14	7/8
22617-16	1
22617-20	1¼
22617-24	1½
22617-32	2

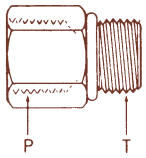
"O" RING BOSS/PLUG



Part Number	Thread T
900598-4	7/16-20
900598-5	1/2-20
900598-6	9/16-18
900598-8	3/4-16
900598-10	7/8-14
900598-12	1-1/16-12
900598-14	1-3/16-12
900598-16	1-5/16-12
900598-20	1-5/8-12
900598-24	1-7/8-12
900598-32	2½-12

Adapters — S.A.E. "O" Ring Boss

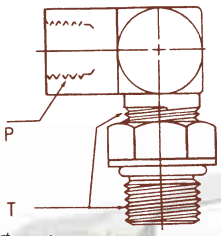
INTERNAL PIPE/SAE "O" RING BOSS



Part Number	Thread P	Thread T
2216-2-4	1/8-27	7/16-20
2216-2-5*	1/8-27	1/2-20
2216-4-4	1/4-18	7/16-20
2216-4-5	1/4-18	1/2-20
2216-4-6	1/4-18	9/16-18
2216-4-8*	1/4-18	3/4-16
2216-4-10*	1/4-18	7/8-14
2216-6-6*	3/8-18	9/16-18
2216-6-8	3/8-18	3/4-16
2216-6-10*	3/8-18	7/8-14
2216-6-12	3/8-18	1-1/16-12
2216-8-8	1½-14	3/4-16
2216-8-10	1/2-14	7/8-14
2216-8-12	1/2-14	1-1/16-12
2216-8-16*	1/2-14	1-5/16-12
2216-12-10*	3/4-14	7/8-14
2216-12-12	3/4-14	1-1/16-12
2216-12-14	3/4-14	1-3/16-12
2216-12-16	3/4-14	1-5/16-12
2216-12-20*	3/4-14	1-5/8-12
2216-16-16	1-11½	1-5/16-12
2216-16-20	1-11½	1-5/8-12
2216-20-20	1¼-11½	1-5/8-12
2216-24-24	1½-11½	1-7/8-12
2216-32-32	2-11½	2½-12

*May not be Aeroquip product.

INTERNAL PIPE/SAE "O" RING BOSS

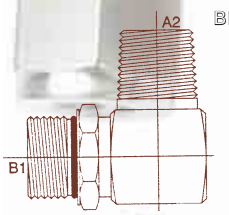


Part Number	Thread P	Thread T
206801-6-8*	3/8-18	3/4-16
206801-8-8	1/2-14	3/4-16
206801-12-12	3/4-14	1-1/16-12
206801-16-16	1-11½	1-5/16-12
206801-20-20*	1¼-11½	1-5/8-12

*May not be Aeroquip product.

MALE ADJUSTABLE "O" RING BOSS TO MALE PIPE 90°

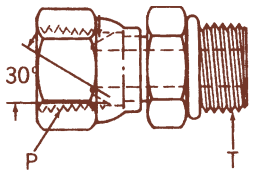
BRE/1420



Part Number	Port O.D.	Thread B_1	Thread A_2
6806-04-02-NWO*	1/4	7/16-20	1/8-27
6806-04-04-NWO-FG*	1/4	7/16-20	1/4-18
6806-06-04-NWO*	3/8	9/16-18	1/4-18
6806-06-06-NWO-FG*	3/8	9/16-18	3/8-18
6806-08-06-NWO*	1/2	3/4-16	3/8-18
6806-08-08-NWO-FG*	1/2	3/4-16	1/2-14
6806-10-08-NWO*	5/8	7/8-14	1/2-14
6806-12-12-NWO-FG*	3/4	1-1/16-12	3/4-14

*May not be Aeroquip product.

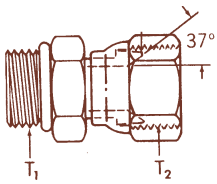
INTERNAL PIPE SWIVEL (NPSM) SAE "O" RING BOSS



Part Number	Thread P	Thread T
2066-4-4	1/4-18	7/16-20
2066-4-6	1/4-18	9/16-18
2066-4-8*	1/4-18	3/4-16
2066-6-6	3/8-18	9/16-18
2066-6-8	3/8-18	3/4-16
2066-6-10*	3/8-18	7/8-14
2066-8-6*	1/2-14	9/16-18
2066-8-8	1/2-14	3/4-16
2066-8-10	1/2-14	7/8-14
2066-8-12	1/2-14	1-1/16-12
2066-12-8	3/4-14	3/4-16
2066-12-10	3/4-14	7/8-14
2066-12-12	3/4-14	1-1/16-12
2066-12-14	3/4-14	1-3/16-12
2066-12-16*	3/4-14	1-5/16-12
2066-16-12*	1-11½	1-1/16-12
2066-16-16	1-11½	1-5/16-12
2066-16-20	1-11½	1-5/8-12
2066-20-20*	1¼-11½	1-5/8-12
2066-20-24*	1¼-11½	1-7/8-12

*May not be Aeroquip product.

SAE "O" RING BOSS/37° SWIVEL

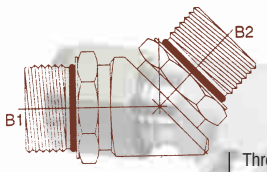


Part Number	Tube O.D.	Thread T_1	Thread T_2
2266-4-4*	.25	7/16-20	7/16-20
2266-6-6	.38	9/16-18	9/16-18
2266-6-8	.50	9/16-18	3/4-16
2266-8-8	.50	3/4-16	3/4-16
2266-10-10	.63	7/8-14	7/8-14
2266-12-12	.75	1-1/16-12	1-1/16-12
2266-16-16	1.00	1-5/16-12	1-5/16-12

*May not be Aeroquip product.

MALE ADJUSTABLE "O" RING BOSS TO MALE ADJUSTABLE "O" RING BOSS 45°

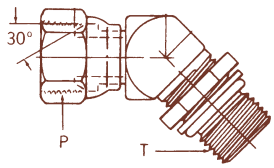
BRE/1420



Part Number	Port O.D.	Thread B_1	Thread B_2
6808-16-16-NWO-FG*	1	1-5/16-12	1-5/16-12

*May not be Aeroquip product.

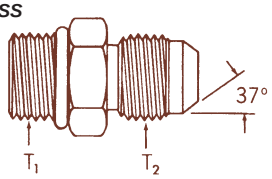
INTERNAL PIPE SWIVEL (NPSM)/ SAE "O" RING BOSS (ADJ.)



Part Number	Thread P	Thread T
2067-4-4*	1/4-18	7/16-20
2067-4-6*	1/4-18	9/16-18
2067-6-6	3/8-18	9/16-18
2067-6-8	3/8-18	3/4-16
2067-8-8	1/2-14	3/4-16
2067-8-10	1/2-14	7/8-14
2067-12-8	3/4-14	3/4-16
2067-12-12	3/4-14	1-1/16-12
2067-16-16*	1-11½	1-5/16-12

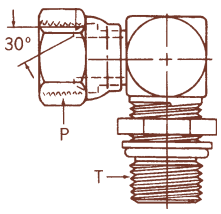
*May not be Aeroquip product.

STRAIGHT SAE 37°/SAE "O" RING BOSS



Part Number	Tube O.D.	Thread T_1	Thread T_2
202702-4-4	1/4	7/16-20	7/16-20
202702-5-4	1/4	1/2-20	7/16-20
202702-6-4	1/4	9/16-18	7/16-20
202702-8-4	1/4	3/4-16	7/16-20
202702-10-4	1/4	7/8-14	7/16-20
202702-5-5	5/16	1/2-20	1/2-20
202702-4-6	3/8	7/16-20	9/16-18
202702-5-6	3/8	1/2-20	9/16-18
202702-6-6	3/8	9/16-18	9/16-18
202702-8-6	3/8	3/4-16	9/16-18
202702-10-6	3/8	7/8-14	9/16-18
202702-12-6	3/8	1-1/16-12	9/16-18
202702-4-8	1/2	7/16-20	3/4-16
202702-6-8	1/2	9/16-18	3/4-16
202702-8-8	1/2	3/4-16	3/4-16
202702-10-8	1/2	7/8-14	3/4-16
202702-12-8	1/2	1-1/16-12	3/4-16
202702-16-8	1/2	1-5/16-12	3/4-16
202702-6-10	5/8	9/16-18	7/8-14
202702-8-10	5/8	3/4-16	7/8-14
202702-10-10	5/8	7/8-14	7/8-14
202702-12-10	5/8	1-1/16-12	7/8-14
202702-16-10	5/8	1-5/16-12	7/8-14
202702-8-12	3/4	3/4-16	1-1/16-12
202702-10-12	3/4	7/8-14	1-1/16-12
202702-12-12	3/4	1-1/16-12	1-1/16-12
202702-14-12	3/4	1-3/16-12	1-1/16-12
202702-16-12	3/4	1-5/16-12	1-1/16-12
202702-20-12	3/4	1-5/8-12	1-1/16-12
202702-12-14	7/8	1-1/16-12	1-3/16-12
202702-10-16	1	7/8-14	1-5/16-12
202702-12-16	1	1-1/16-12	1-5/16-12
202702-14-16	1	1-3/16-12	1-5/16-12
202702-16-16	1	1-5/16-12	1-5/16-12
202702-20-16	1	1-5/8-12	1-5/16-12
202702-24-16	1	1-7/8-12	1-5/16-12
202702-12-20	1¼	1-1/16-12	1-5/8-12
202702-16-20	1¼	1-5/16-12	1-5/8-12
202702-20-20	1¼	1-5/8-12	1-5/8-12
202702-24-20	1¼	1-7/8-12	1-5/8-12
202702-20-24	1½	1-5/8-12	1-7/8-12
202702-24-24	1½	1-7/8-12	1-7/8-12
202702-32-32	2	2½-12	2½-12

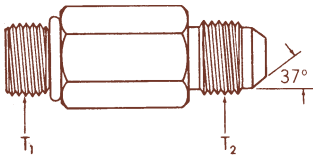
INTERNAL PIPE SWIVEL (NPSM)/ SAE "O" RING BOSS (ADJ.)



Part Number	Thread P	Thread T
2068-4-4	1/4-18	7/16-20
2068-4-6	1/4-18	9/16-18
2068-6-6	3/8-18	9/16-18
2068-6-8	3/8-18	3/4-16
2068-6-10*	3/8-18	7/8-14
2068-8-6*	1/2-14	9/16-18
2068-8-8	1/2-14	3/4-16
2068-8-10	1/2-14	7/8-14
2068-8-12*	1/2-14	1-1/16-12
2068-12-8	3/4-14	3/4-16
2068-12-10	3/4-14	7/8-14
2068-12-12	3/4-14	1-1/16-12
2068-12-16*	3/4-14	1-5/16-12
2068-16-16	1-11½	1-5/16-12
2068-20-20	1¼-11½	1-5/8-12

*May not be Aeroquip product.

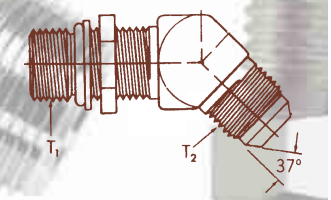
SAE "O" RING BOSS/37° FLARE



Part Number	Tube O.D.	Thread T_1	Thread T_2
202713-4-4*	1/4	7/16-20	7/16-20
202713-6-6	3/8	9/16-18	9/16-18
202713-8-8	1/2	3/4-16	3/4-16
202713-10-10	5/8	7/8-14	7/8-14
202713-12-12	3/4	1-1/16-12	1-1/16-12

*May not be Aeroquip product.

45° SAE 37°/(ADJ.) SAE "O" RING BOSS



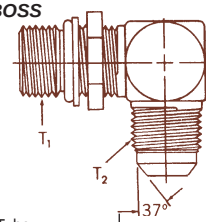
Part Number	Tube O.D.	Thread T_1	Thread T_2
2061-4-4	1/4	7/16-20	7/16-20
2061-6-4*	1/4	9/16-18	7/16-20
2061-5-5	5/16	1/2-20	1/2-20
2061-6-6	3/8	9/16-18	9/16-18
2061-8-6*	3/8	3/4-16	9/16-18
2061-6-8*	1/2	9/16-18	3/4-16
2061-8-8	1/2	3/4-16	3/4-16
2061-10-8	1/2	7/8-14	3/4-16
2061-12-8*	1/2	1-1/16-12	3/4-16
2061-8-10	5/8	3/4-16	7/8-14
2061-10-10	5/8	7/8-14	7/8-14
2061-12-12	3/4	1-1/16-12	1-1/16-12
2061-16-12	3/4	1-5/16-12	1-1/16-12
2061-12-16	1	1-1/16-12	1-5/16-12
2061-16-16	1	1-5/16-12	1-5/16-12
2061-20-16	1	1-5/8-12	1-5/16-12
2061-20-20	1¼	1-5/8-12	1-5/8-12

*May not be Aeroquip product.

All Canadian!

Adapters — S.A.E. "O" Ring Boss

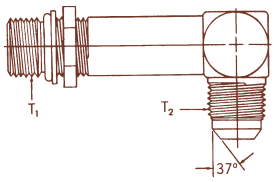
90° SAE 37°/(ADJ.) SAE "O" RING BOSS



Part Number	Tube O.D.	Thread T_1	Thread T_2
2062-4-4	1/4	7/16-20	7/16-20
2062-6-4	1/4	9/16-18	7/16-20
2062-8-4*	1/4	3/4-16	7/16-20
2062-5-5	5/16	1/2-20	1/2-20
2062-4-6	3/8	7/16-20	9/16-18
2062-5-6	3/8	1/2-20	9/16-18
2062-6-6	3/8	9/16-18	9/16-18
2062-8-6	3/8	3/4-16	9/16-18
2062-10-6	3/8	7/8-14	9/16-18
2062-6-8	1/2	9/16-18	3/4-16
2062-8-8	1/2	3/4-16	3/4-16
2062-10-8	1/2	7/8-14	3/4-16
2062-12-8	1/2	1-1/16-12	3/4-16
2062-16-8	1/2	1-5/16-12	3/4-16
2062-8-10	5/8	3/4-16	7/8-14
2062-10-10	5/8	7/8-14	7/8-14
2062-12-10	5/8	1-1/16-12	7/8-14
2062-8-12	3/4	3/4-16	1-1/16-12
2062-10-12	3/4	7/8-14	1-1/16-12
2062-12-12	3/4	1-1/16-12	1-1/16-12
2062-16-12	3/4	1-5/16-12	1-1/16-12
2062-12-16	1	1-1/16-12	1-5/16-12
2062-16-16	1	1-5/16-12	1-5/16-12
2062-20-16	1	1-5/8-12	1-5/16-12
2062-16-20	1¼	1-5/16-12	1-5/8-12
2062-20-20	1¼	1-5/8-12	1-5/8-12
2062-24-20	1¼	1-7/8-12	1-5/8-12
2062-20-24	1½	1-5/8-12	1-7/8-12
2062-24-24	1½	1-7/8-12	1-7/8-12

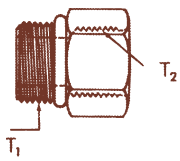
*May not be Aeroquip product.

SAE "O" RING BOSS (ADJ.)/37° FLARE



Part Number	Tube O.D.	Thread T_1	Thread T_2
206209-4-4	.25	7/16-20	7/16-20
206209-6-6	.38	9/16-18	9/16-18
206209-8-8	.50	3/4-16	3/4-16
206209-12-12	.75	1-1/16-12	1-1/16-12
206209-16-16	1.00	1-5/16-12	1-5/16-12

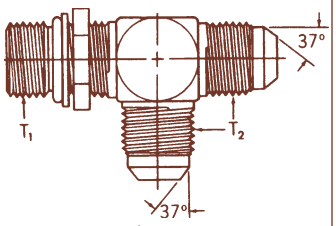
SAE "O" RING BOSS REDUCER



Part Number	Thread T_1	Thread T_2
FF1010-6-4*	9/16-18	7/16-20
FF1010-4-6*	7/16-20	9/16-18
FF1010-8-6	3/4-16	9/16-18
FF1010-10-6	7/8-14	9/16-18
FF1010-12-6	1-1/16-12	9/16-18
FF1010-4-8	7/16-20	3/4-16
FF1010-6-8*	9/16-18	3/4-16
FF1010-10-8	7/8-14	3/4-16
FF1010-12-8	1-1/16-12	3/4-16
FF1010-12-10	1-1/16-12	7/8-14
FF1010-16-8	1-5/16-12	3/4-16
FF1010-8-10*	3/4-16	7/8-14
FF1010-16-10	1-5/16-12	7/8-14
FF1010-16-12	1-5/16-12	1-1/16-12
FF1010-20-12	1-5/8-12	1-1/16-12
FF1010-20-16	1-5/8-12	1-5/16-12
FF1010-24-20*	1-7/8-12	1-5/8-12

*May not be Aeroquip product.

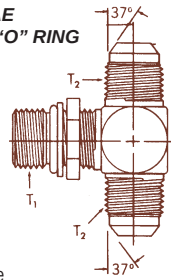
TEE SAE 37°/(ADJ.) SAE "O" RING BOSS/SAE 37°



Part Number	Tube O.D.	Thread T_1	Thread T_2
203005-4-4	1/4	7/16-20	7/16-20
203005-6-4*	1/4	9/16-20	7/16-20
203005-5-5	5/16	1/2-20	1/2-20
203005-6-6	3/8	9/16-18	9/16-18
203005-8-8	1/2	3/4-16	3/4-16
203005-10-10	5/8	7/8-14	7/8-14
203005-12-12	3/4	1-1/16-12	1-1/16-12
203005-16-16	1	1-5/16-12	1-5/16-12

*May not be Aeroquip product.

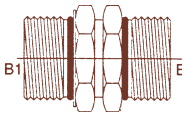
TEE SAE 37°/SAE 37°/(ADJ.) SAE "O" RING BOSS



Part Number	Tube O.D.	Thread T_1	Thread T_2
203003-4-4	1/4	7/16-20	7/16-20
203003-6-6	3/8	9/16-18	9/16-18
203003-8-8	1/2	3/4-16	3/4-16
203003-10-10	5/8	7/8-14	7/8-14
203003-12-12	3/4	1-1/16-12	1-1/16-12
203003-16-16	1	1-5/16-12	1-5/16-12
203003-20-20	1¼	1-5/8-12	1-5/8-12

MALE ADJUSTABLE O-RING BOSS STRAIGHT

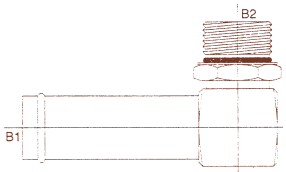
BRE/1420



Part Number	Tube O.D.	B1 AORB	B2 ORB
3474-04-04-NWO*	1/4	7/16-20	7/16-20
3474-06-06-NWO*	3/8	9/16-18	9/16-18
3474-08-08-NWO*	1/2	3/4-16	3/4-16
3474-10-10-NWO*	5/8	7/8-14	7/8-14
3474-12-12-NWO*	3/4	1-1/16-12	1-1/16-12
3474-16-16-NWO*	1	1-5/16-12	1-5/16-12
3474-20-20-NWO*	1¼	1-5/8-12	1-5/8-12
3474-24-24-NWO*	1½	1-7/8-12	1-7/8-12
3474-32-32-NWO*	2"	2½-12	2½-12

*May not be Aeroquip product.

HOSE BARB TO MALE ADJUSTABLE "O" RING BOSS



Part Number	B_1 Tube O.D.	B_2 A ORB
FF1167-12-16*	1	1-1/16-12

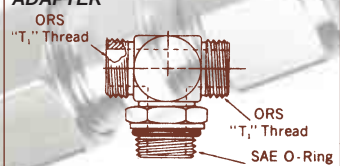
*May not be Aeroquip product.

ORS Adapter Fittings

45° ORS/SAE O-RING BOSS (ADJ.) ADAPTER

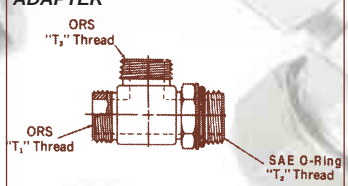
Part Number	Tube O.D.	Thread T_1	Thread T_2
FF2068T-4-4	.25	9/16-18	7/16-20
FF2068T-4-6	.25	9/16-18	9/16-18
FF2068T-6-4	.38	11/16-16	7/16-20
FF2068T-6-6	.38	11/16-16	9/16-18
FF2068T-6-8	.38	11/16-16	3/4-16
FF2068T-8-6	.50	13/16-16	9/16-18
FF2068T-8-8	.50	13/16-16	3/4-16
FF2068T-8-10	.50	13/16-16	7/8-14
FF2068T-10-8	.63	1-14	3/4-16
FF2068T-10-10	.63	1-14	7/8-14
FF2068T-10-12	.63	1-14	1-1/16-12
FF2068T-12-10	.75	1-3/16-12	7/8-14
FF2068T-12-12	.75	1-3/16-12	1-1/16-12
FF2068T-16-12	1.00	1-7/16-12	1-1/16-12
FF2068T-16-16	1.00	1-7/16-12	1-5/16-12
FF2068T-16-20	1.00	1-7/16-12	1-5/8-12
FF2068T-20-20	1.25	1-11/16-12	1-5/8-12
FF2068T-24-24	1.50	2-12	1-7/8-12

ORS/ORS/SAE O-RING BOSS (ADJ.) ADAPTER



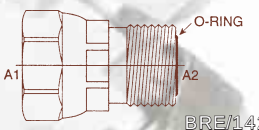
Part Number	Tube O.D.	Thread T_1	Thread T_2
FF1861T-4-3	.25	9/16-18	3/8-24
FF1861T-4-4	.25	9/16-18	7/16-20
FF1861T-6-6	.38	11/16-16	9/16-18
FF1861T-8-8	.50	13/16-16	3/4-16
FF1861T-10-10	.63	1-14	7/8-14
FF1861T-12-10	.75	1-3/16-12	7/8-14
FF1861T-12-12	.75	1-3/16-12	1-1/16-12
FF1861T-16-16	1.00	1-7/16-12	1-5/16-12
FF1861T-20-20	1.25	1-11/16-12	1-5/8-12
FF1861T-24-24	1.50	2-12	1-7/8-12

ORS/SAE O-RING BOSS (ADJ.)/ORS ADAPTER



Part Number	Tube O.D.	Thread T_1	Thread T_2	Thread T_3
FF1865T-4-4	.25	9/16-18	9/16-18	7/16-20
FF1865T-6-6	.38	11/16-16	11/16-16	9/16-18
FF1865T-8-8	.50	13/16-16	13/16-16	3/4-16
FF1865T-10-10	.63	1-14	1-14	7/8-14
FF1865T-12-12	.75	1-3/16-12	1-3/16-12	1-1/16-12
FF1865T-16-16	1.00	1-7/16-12	1-7/16-12	1-5/16-12
FF1865T-20-20	1.25	1-11/16-12	1-11/16-12	1-5/8-12
FF1865T-24-24	1.50	2-12	2-12	1-7/8-12

FEMALE FACE SEAL TO MALE FACE SEAL TUBE END REDUCER



BRE/1420

Part Number	Tube O.D.	A1 Thread	A2 Thread
FS2406-06-04*	3/8 1/4	11/16-16	9/16-18
FS2406-08-06*	1/2 3/8	13/16-16	9/16-18

*May not be Aeroquip product.

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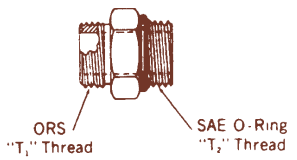
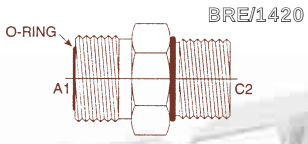
ORS Adapter Fittings

ORS/SAE O-RING BOSS ADAPTER



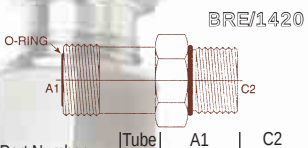
Part Number	Tube O.D.	Thread T_1	Thread T_2
FF1852T-4-3	.25	9/16-18	3/8-24
FF1852T-4-4	.25	9/16-18	7/16-20
FF1852T-4-5	.25	9/16-18	1/2-20
FF1852T-4-6	.25	9/16-18	9/16-18
FF1852T-4-8	.25	9/16-18	3/4-16
FF1852T-6-4	.38	11/16-16	7/16-20
FF1852T-6-5	.38	11/16-16	1/2-20
FF1852T-6-6	.38	11/16-16	9/16-18
FF1852T-6-8	.38	11/16-16	3/4-16
FF1852T-6-10	.38	11/16-16	7/8-14
FF1852T-8-6	.50	13/16-16	9/16-18
FF1852T-8-8	.50	13/16-16	3/4-16
FF1852T-8-10	.50	13/16-16	7/8-14
FF1852T-8-12	.50	13/16-16	1-1/16-12
FF1852T-8-16	.50	13/16-16	1-5/16-12
FF1852T-10-8	.63	1-14	3/4-16
FF1852T-10-10	.63	1-14	7/8-14
FF1852T-10-12	.63	1-14	1-1/16-12
FF1852T-12-8	.75	1-3/16-12	3/4-16
FF1852T-12-10	.75	1-3/16-12	7/8-14
FF1852T-12-12	.75	1-3/16-12	1-1/16-12
FF1852T-12-16	.75	1-3/16-12	1-5/16-12
FF1852T-16-12	1.00	1-7/16-12	1-1/16-12
FF1852T-16-16	1.00	1-7/16-12	1-5/16-12
FF1852T-16-20	1.00	1-7/16-12	1-5/8-12
FF1852T-20-16	1.25	1-11/16-12	1-5/16-12
FF1852T-20-20	1.25	1-11/16-12	1-5/8-12
FF1852T-24-20	1.50	2-12	1-5/8-12

MALE FACE SEAL TO MALE O-RING BOSS STRAIGHT



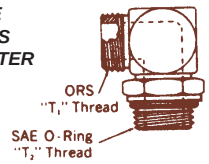
Part Number	Tube O.D.	A1 Thread	C2 Thread
FS6400-24-24-O	1½	2-12	1-7/8-12

MALE FACE SEAL TO MALE O-RING BOSS STRAIGHT LONG



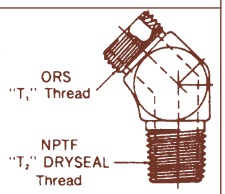
Part Number	Tube O.D.	A1 Thread	C2 Thread
FS6400-L-12-10-O	3/4	1-3/16-12	7/8-14

90° ORS/SAE O-RING BOSS (ADJ.) ADAPTER



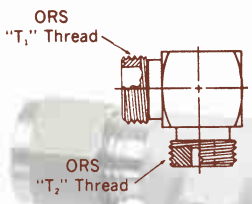
Part Number	Tube O.D.	Thread T_1	Thread T_2
FF1868T-4-4	.25	9/16-18	7/16-20
FF1868T-4-5	.25	9/16-18	1/2-20
FF1868T-4-6	.25	9/16-18	9/16-18
FF1868T-6-4	.38	11/16-16	7/16-20
FF1868T-6-6	.38	11/16-16	9/16-18
FF1868T-6-8	.38	11/16-16	3/4-16
FF1868T-6-10	.38	11/16-16	7/8-14
FF1868T-8-6	.50	13/16-16	9/16-18
FF1868T-8-8	.50	13/16-16	3/4-16
FF1868T-8-10	.50	13/16-16	7/8-14
FF1868T-8-12	.50	13/16-16	1-1/16-12
FF1868T-10-8	.63	1-14	3/4-16
FF1868T-10-10	.63	1-14	7/8-14
FF1868T-10-12	.63	1-14	1-1/16-12
FF1868T-12-8	.75	1-3/16-12	3/4-16
FF1868T-12-10	.75	1-3/16-12	7/8-14
FF1868T-12-12	.75	1-3/16-12	1-1/16-12
FF1868T-12-16	.75	1-3/16-12	1-5/16-12
FF1868T-16-12	1.00	1-7/16-12	1-1/16-12
FF1868T-16-16	1.00	1-7/16-12	1-5/16-12
FF1868T-16-20	1.00	1-7/16-12	1-5/8-12
FF1868T-20-16	1.25	1-11/16-12	1-5/16-12
FF1868T-20-20	1.25	1-11/16-12	1-5/8-12
FF1868T-24-24	1.50	2-12	1-7/8-12

45° ORS/MALE NPTF ADAPTER



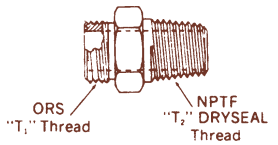
Part Number	Tube O.D.	Thread T_1	Thread T_2
FF2093T-4-2	.25	9/16-18	1/8-27
FF2093T-6-4	.38	11/16-16	1/4-18
FF2093T-8-6	.50	13/16-16	3/8-18
FF2093T-8-8	.50	13/16-16	1/2-14
FF2093T-10-8	.63	1-14	1/2-14
FF2093T-12-12	.75	1-3/16-12	3/4-14
FF2093T-16-16	1.00	1-7/16-12	1-11½
FF2093T-20-20	1.25	1-11/16-12	1¼-11½

90° ORS/ORS ADAPTER



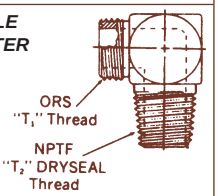
Part Number	Tube O.D.	Thread T_1	Thread T_2
FF2035T-4-4	.25	9/16-18	9/16-18
FF2035T-6-6	.38	11/16-16	11/16-16
FF2035T-8-8	.50	13/16-16	13/16-16
FF2035T-10-10	.63	1-14	1-14
FF2035T-12-12	.75	1-3/16-12	1-3/16-12
FF2035T-16-16	1.00	1-7/16-12	1-7/16-12
FF2035T-20-20	1.25	1-11/16-12	1-11/16-12

ORS/MALE NPTF ADAPTER



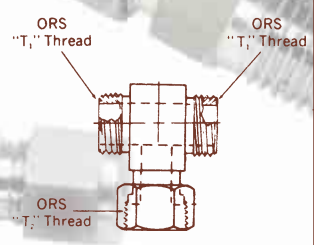
Part Number	Tube O.D.	Thread T_1	Thread T_2
FF2031T-4-2	.25	9/16-18	1/8-27
FF2031T-4-4	.25	9/16-18	1/4-18
FF2031T-4-6	.25	9/16-18	3/8-18
FF2031T-6-4	.38	11/16-16	1/4-18
FF2031T-6-6	.38	11/16-16	3/8-18
FF2031T-6-8	.38	11/16-16	1/2-14
FF2031T-8-4	.50	13/16-16	1/4-18
FF2031T-8-6	.50	13/16-16	3/8-18
FF2031T-8-8	.50	13/16-16	1/2-14
FF2031T-8-12	.50	13/16-16	3/4-14
FF2031T-10-8	.63	1-14	1/2-14
FF2031T-12-12	.75	1-3/16-12	3/4-14
FF2031T-12-16	.75	1-3/16-12	1-11½
FF2031T-16-12	1.00	1-7/16-12	3/4-14
FF2031T-16-16	1.00	1-7/16-12	1-11½
FF2031T-20-20	1.25	1-11/16-12	1¼-11½
FF2031T-24-24	1.50	2-12	1½-11½

90° ORS/MALE NPTF ADAPTER



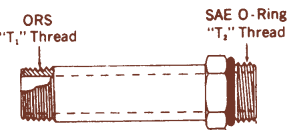
Part Number	Tube O.D.	Thread T_1	Thread T_2
FF2032T-4-2	.25	9/16-18	1/8-27
FF2032T-4-4	.25	9/16-18	1/4-18
FF2032T-6-4	.38	11/16-16	1/4-18
FF2032T-6-6	.38	11/16-16	3/8-18
FF2032T-6-8	.38	11/16-16	1/2-14
FF2032T-8-6	.50	13/16-16	3/8-18
FF2032T-8-8	.50	13/16-16	1/2-14
FF2032T-8-12	.50	13/16-16	3/4-14
FF2032T-10-8	.63	1-14	1/2-14
FF2032T-10-12	.63	1-14	3/4-14
FF2032T-12-8	.75	1-3/16-12	1/2-14
FF2032T-12-12	.75	1-3/16-12	3/4-14
FF2032T-12-16	.75	1-3/16-12	1-11½
FF2032T-16-12	1.00	1-7/16-12	3/4-14
FF2032T-16-16	1.00	1-7/16-12	1-11½
FF2032T-20-20	1.25	1-11/16-12	1¼-11½

ORS/ORS/ORS FEMALE ADAPTER



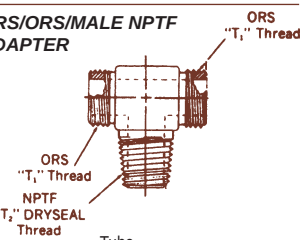
Part Number	Tube O.D.	Thread T_1	Thread T_2
FF1857T-4-4	.25	9/16-18	9/16-18
FF1857T-6-6	.38	11/16-16	11/16-16
FF1857T-8-8	.50	13/16-16	13/16-16
FF1857T-10-10	.63	1-14	1-14
FF1857T-12-12	.75	1-3/16-12	1-3/16-12
FF1857T-16-16	1.00	1-7/16-12	1-7/16-12
FF1857T-20-20	1.25	1-11/16-12	1-11/16-12
FF1857T-24-24	1.50	2-12	2-12

ORS/SAE O-RING BOSS LONG ADAPTER



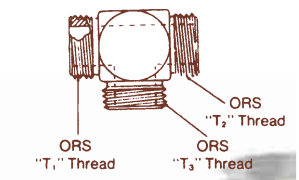
Part Number	Tube O.D.	Thread T_1	Thread T_2
FF1854T-4-4	.25	9/16-18	7/16-20
FF1854T-6-6	.38	11/16-16	9/16-18
FF1854T-8-8	.50	13/16-16	3/4-16
FF1854T-10-10	.63	1-14	7/8-14
FF1854T-12-12	.75	1-3/16-12	1-1/16-12
FF1854T-16-16	1.00	1-7/16-12	1-5/16-12
FF1854T-20-20	1.25	1-11/16-12	1-5/8-12

ORS/ORS/MALE NPTF ADAPTER



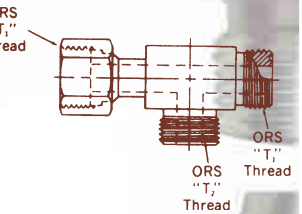
Part Number	Tube O.D.	Thread T_1	Thread T_2
FF2001T-4-2	.25	9/16-18	1/8-27
FF2001T-6-4	.38	11/16-16	1/4-18
FF2001T-6-6	.38	11/16-16	3/8-18
FF2001T-8-6	.50	13/16-16	3/8-18
FF2001T-8-8	.50	13/16-16	1/2-14
FF2001T-12-12	.75	1-3/16-12	3/4-14
FF2001T-16-16	1.00	1-7/16-12	1-11½
FF2001T-20-20	1.25	1-11/16-12	1¼-11½
FF2001T-24-24	1.50	2-12	1½-11½

ORS/ORS/ORS ADAPTER



Part Number	Tube O.D.	Thread T_1	Thread T_2	Thread T_3
FF1898T-4-4	.25	9/16-18	9/16-18	9/16-18
FF1898T-6-6	.38	11/16-16	11/16-16	11/16-16
FF1898T-8-8	.50	13/16-16	13/16-16	13/16-16
FF1898T-10-10	.63	1-14	1-14	1-14
FF1898T-12-12	.75	1-3/16-12	1-3/16-12	1-3/16-12
FF1898T-16-16	1.00	1-7/16-12	1-7/16-12	1-7/16-12
FF1898T-20-20	1.25	1-11/16-12	1-11/16-12	1-11/16-12
FF1898T-24-24	1.50	2-12	2-12	2-12

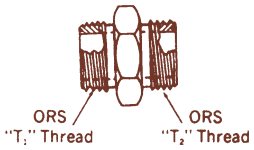
ORS/ORS FEMALE ORS ADAPTER



Part Number	Tube O.D.	Thread T_1	Thread T_2
FF2114T-4-4	.25	9/16-18	9/16-18
FF2114T-6-6	.38	11/16-16	11/16-16
FF2114T-8-8	.50	13/16-16	13/16-16
FF2114T-10-10	.63	1-14	1-14
FF2114T-12-12	.75	1-3/16-12	1-3/16-12
FF2114T-16-16	1.00	1-7/16-12	1-7/16-12
FF2114T-20-20	1.25	1-11/16-12	1-11/16-12
FF2114T-24-24	1.50	2-12	2-12

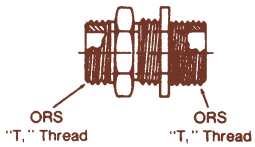
ORS Adapter Fittings

ORS/ORS ADAPTER



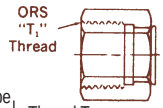
Part Number	Tube O.D.	Thread T_1	Thread T_2
FF2000T-4-4	.25	9/16-18	9/16-18
FF2000T-6-4	.25	11/16-16	9/16-18
FF2000T-6-6	.38	11/16-16	11/16-16
FF2000T-8-6	.38	13/16-16	11/16-16
FF2000T-8-8	.50	13/16-16	13/16-16
FF2000T-10-8	.50	1-14	13/16-16
FF2000T-10-10	.63	1-14	1-14
FF2000T-12-10	.63	1-3/16-12	1-14
FF2000T-12-12	.75	1-3/16-12	1-3/16-12
FF2000T-16-12	1.00	1-7/16-12	1-3/16-12
FF2000T-16-16	1.00	1-7/16-12	1-7/16-12
FF2000T-20-20	1.25	1-11/16-12	1-11/16-12
FF2000T-24-24	1.50	2-12	2-12

ORS BULKHEAD/ORS ADAPTER



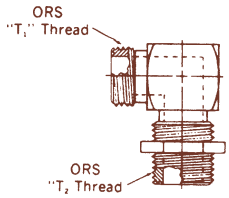
Part Number	Tube O.D.	Thread T_1
FF1994T-4-4	.25	9/16-18
FF1994T-6-6	.38	11/16-16
FF1994T-6-8	.38	11/16-16
FF1994T-8-8	.50	13/16-16
FF1994T-10-10	.63	1-14
FF1994T-12-12	.75	1-3/16-12
FF1994T-16-16	1.00	1-7/16-12
FF1994T-20-20	1.25	1-11/16-12
FF1994T-24-24	1.50	2-12

ORS CAP ASSEMBLY



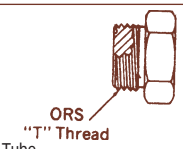
Part Number	Tube O.D.	Thread T_1
FF9863-4	.25	9/16-18
FF9863-6	.38	11/16-16
FF9863-8	.50	13/16-16
FF9863-10	.63	1-14
FF9863-12	.75	1-3/16-12
FF9863-16	1.00	1-7/16-12
FF9863-20	1.25	1-11/16-12
FF9863-24	1.50	2-12

90° ORS/ORS BULKHEAD ADAPTER



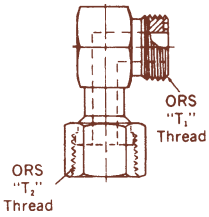
Part Number	Tube O.D.	Thread T_1	Thread T_2
FF2030T-8-6	.50	13/16-16	11/16-16
FF2030T-8-8	.50	13/16-16	13/16-16
FF2030T-12-12	.75	1-3/16-12	1-3/16-12
FF2030T-16-16	1.00	1-7/16-12	1-7/16-12
FF2030T-20-20	1.25	1-11/16-12	1-11/16-12

ORS PLUG



Part Number	Tube O.D.	Thread T_1
FF9767-4	.25	9/16-18
FF9767-6	.38	11/16-16
FF9767-8	.50	13/16-16
FF9767-10	.63	1-14
FF9767-12	.75	1-3/16-12
FF9767-16	1.00	1-7/16-12
FF9767-20	1.25	1-11/16-12
FF9767-24	1.50	2-12

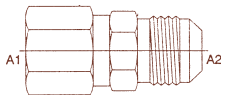
90° ORS/ORS FEMALE ADAPTER



Part Number	Tube O.D.	Thread T_1	Thread T_2
FF2098T-4-4	.25	9/16-18	9/16-18
FF2098T-6-6	.38	11/16-16	11/16-16
FF2098T-8-8	.50	13/16-16	13/16-16
FF2098T-10-10	.63	1-14	1-14
FF2098T-12-12	.75	1-3/16-12	1-3/16-12
FF2098T-16-16	1.00	1-7/16-12	1-7/16-12
FF2098T-20-20	1.25	1-11/16-12	1-11/16-12

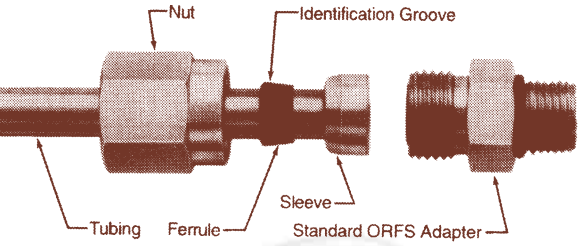
FEMALE FACE SEAL SWIVEL TO MALE J.I.C. STRAIGHT

BRE/1420



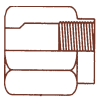
Part Number	Tube O.D.	A1 Thread	A2 Thread
FS6504-04-04	1/4	9/16-18	7/16-20

ORS-TF Adapter Fittings



The ORS-TF tube fitting, patent pending, utilizing the ORS-TF nut, ferrule, and sleeve can be joined directly to steel tubing to solve your fluid leakage problems. It does not require the time and expense of brazing and provides the advantage of repetitive reuse. It is a compression type fitting that works on a variety of tubing.

ORS-TF NUT



Part Number	Tube O.D.	Thread T_1
FC1851-4	.25	9/16-18
FC1851-6	.38	11/16-16
FC1851-8	.50	13/16-16
FC1851-10	.63	1-14
FC1851-12	.75	1-3/16-12
FC1851-16	1.00	1-7/16-12
FC1851-20	1.25	1-11/16-12

ORS-TF FERRULE

Part Number	Tube O.D.
FF90102-4	.25
FF90102-6	.38
FF90102-8	.50
FF90102-10	.63
FF90102-12	.75
FF90102-16	1.00
FF90102-20	1.25

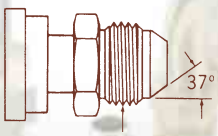
ORS-TF SLEEVE

Part Number	Tube O.D.
FF90103-4	.25
FF90103-6	.38
FF90103-8	.50
FF90103-10	.63
FF90103-12	.75
FF90103-16	1.00
FF90103-20	1.25

EATON | Aeroquip

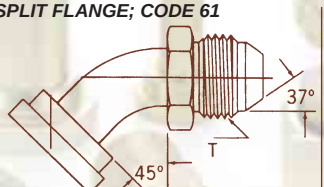
Tube Fittings — Tube To S.A.E. Split Flange

STRAIGHT SAE 37°/SPLIT FLANGE; CODE 61



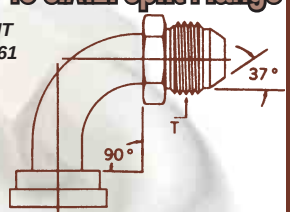
Part Number	Tube O.D.	Flange Head Diameter	Thread T
500025-8	1/2	1.19	3/4-16
500025-12-8	1/2	1.50	3/4-16
500025-12	3/4	1.50	1-1/16-12
500025-16-12	3/4	1.75	1-1/16-12
500025-16	1	1.75	1-5/16-12
500025-20-16	1	2.00	1-5/16-12
500025-24-16	1	2.38	1-5/16-12
500025-20	1¼	2.00	1-5/8-12
500025-24-20	1¼	2.38	1-5/8-12
500025-32-20	1¼	2.81	1-5/8-12
500025-24	1½	2.38	1-7/8-12
500025-32-24	1½	2.81	1-7/8-12
500025-32	2	2.81	2½-12

45° SAE 37°/SPLIT FLANGE; CODE 61



Part Number	Tube O.D.	Flange Head Diameter	Thread T
500023-8	1/2	1.19	3/4-16
500023-12-8	1/2	1.50	3/4-16
500023-12	3/4	1.50	1-1/16-12
500023-16-12	3/4	1.75	1-1/16-12
500023-20-12	3/4	2.00	1-1/16-12
500023-16	1	1.75	1-5/16-12
500023-20-16	1	2.00	1-5/16-12
500023-24-16	1	2.38	1-5/16-12
500023-20	1¼	2.00	1-5/8-12
500023-24-20	1¼	2.38	1-5/8-12
500023-24	1½	2.38	1-7/8-12
500023-32	2	2.81	2½-12
500023-24-32	2	2.38	2½-12

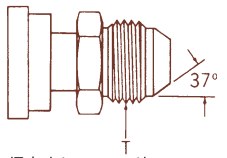
90° SAE 37°/SPLIT FLANGE; CODE 61



Part Number	Tube O.D.	Flange Head Diameter	Thread T
500024-8	1/2	1.19	3/4-16
500024-12-8	1/2	1.50	3/4-16
500024-12	3/4	1.50	1-1/16-12
500024-16-12	3/4	1.75	1-1/16-12
500024-20-12	3/4	2.00	1-1/16-12
500024-16	1	1.75	1-5/16-12
500024-20-16	1	2.00	1-5/16-12
500024-24-16	1	2.38	1-5/16-12
500024-20	1¼	2.00	1-5/8-12
500024-24-20	1¼	2.38	1-5/8-12
500024-24	1½	2.38	1-7/8-12
500024-20-24	1½	2.00	1-7/8-12
500024-32-24	1½	2.81	1-7/8-12
500024-32	2	2.81	2½-12

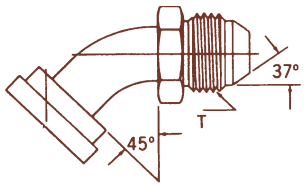
Tube Fittings — Tube To S.A.E. Split Flange

SPLIT FLANGE/37° FLARE; CODE 62



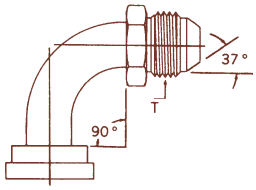
Part Number	Tube O.D.	Flange Head Diameter	Thread T
FF5541-12-12	.75	1.63	1-1/16-12
FF5541-16-16	1.00	1.88	1-5/16-12
FF5541-20-16	1.00	2.12	1-5/16-12
FF5541-20-20	1.25	2.12	1-5/8-12
FF5541-24-16	1.00	2.50	1-5/16-12
FF5541-24-20	1.25	2.50	1-5/8-12
FF5541-24-24	1.50	2.50	1-7/8-12

SPLIT FLANGE/37° FLARE; CODE 62



Part Number	Tube O.D.	Flange Head Diameter	Thread T
FF5539-16-16	1.00	1.88	1-5/16-12
FF5539-20-20	1.25	2.12	1-5/8-12
FF5539-24-24	1.50	2.50	1-7/8-12

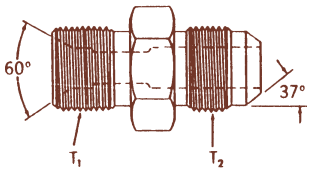
SPLIT FLANGE/37° FLARE; CODE 62



Part Number	Tube O.D.	Split Flange Size	Thread T
FF5540-12-12	.75	1.63	1-1/16-12
FF5540-16-16	1.00	1.88	1-5/16-12
FF5540-20-16	1.00	2.12	1-5/8-12
FF5540-20-20	1.25	2.12	1-5/16-12
FF5540-24-16	1.00	2.50	1-5/16-12
FF5540-24-20	1.25	2.50	1-5/8-12
FF5540-24-24	1.50	2.50	1-7/8-12

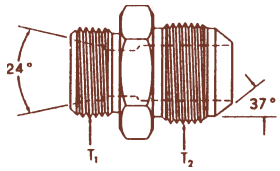
Tube Fittings - Tube To Metric or BSP Thread

STRAIGHT SAE 37°/BSP (PARALLEL)



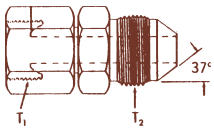
Part Number	Tube O.D.	Thread T_1	Thread T_2
2063-2-4	1/4	1/8-28	7/16-20
2063-4-4	1/4	1/4-19	7/16-20
2063-4-6	3/8	1/4-19	9/16-18
2063-6-6	3/8	3/8-19	9/16-18
2063-6-8	1/2	3/8-19	3/4-16
2063-8-8	1/2	1/2-14	3/4-16
2063-8-10	5/8	1/2-14	7/8-14
2063-10-12	3/4	5/8-14	1-1/16-12
2063-12-10	5/8	3/4-14	7/8-14
2063-12-12	3/4	3/4-14	1-1/16-12
2063-16-16	1	1-11	1-5/16-12

STRAIGHT SAE 37°/METRIC (DIN3901/3902S.B.)



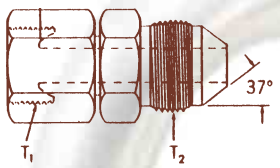
Part Number	Tube O.D.	Thread T_1	Thread T_2
15.147-6-6	3/8	M14 x 1.5	9/16-18
15.147-10-8	1/2	M18 x 1.5	3/4-16
15.147-14-10	5/8	M22 x 1.5	7/8-14
15.147-16-12	3/4	M24 x 1.5	1-1/16-12
15.147-20-16	1	M30 x 2	1-5/16-12
15.147-25-20	1¼	M36 x 2	1-5/8-12

STRAIGHT SAE 37°/INTERNAL METRIC (DIN 7631/7647)



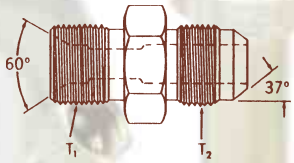
Part Number	Tube O.D.	Thread T_1	Thread T_2
15.163-4-4	1/4	M12 x 1.5	7/16-20
15.163-6-6	3/8	M14 x 1.5	9/16-18
15.163-8-6	3/8	M16 x 1.5	9/16-18
15.163-8-8	1/2	M16 x 1.5	3/4-16
15.163-10-8	1/2	M18 x 1.5	3/4-16
15.163-13-10	5/8	M22 x 1.5	7/8-14
15.163-16-12	3/4	M26 x 1.5	1-1/16-12
15.165-20-16	1	M30 x 1.5	1-5/16-12
15.163-22-16	1	M30 x 2	1-5/16-12
15.165-25-20	1¼	M38 x 1.5	1-5/8-12
15.163-28-20	1¼	M36 x 2	1-5/8-12
15.165-32-24	1½	M45 x 1.5	1-7/8-12
15.165-40-32	2	M52 x 1.5	2½-12
15.163-42-32	2	M52 x 2	2½-12

STRAIGHT SAE 37°/INTERNAL METRIC (DIN3901/3902S.B.)



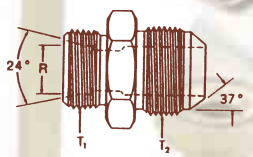
Part Number	Tube O.D.	Thread T_1	Thread T_2
15.164-6-6	3/8	M14 x 1.5	9/16-18
15.164-10-8	1/2	M18 x 1.5	3/4-16
15.164-14-10	5/8	M22 x 1.5	7/8-14
15.164-16-12	3/4	M24 x 1.5	1-1/16-12
15.164-20-16	1	M30 x 2	1-5/16-12
15.164-30-24	1½	M42 x 2	1-7/8-12

STRAIGHT SAE 37°/METRIC (DIN7631)



Part Number	Tube O.D.	Thread T_1	Thread T_2
15.117-4-4	1/4	M12 x 1.5	7/16-20
15.117-6-6	3/8	M14 x 1.5	9/16-18
15.117-8-6	3/8	M16 x 1.5	9/16-18
15.117-8-8	1/2	M16 x 1.5	3/4-16
15.117-10-8	1/2	M18 x 1.5	3/4-16
15.117-16-12	3/4	M26 x 1.5	1-1/16-12
15.117-20-16	1	M30 x 1.5	1-5/16-12
15.117-25-20	1¼	M38 x 1.5	1-5/8-12

STRAIGHT SAE 37°/METRIC (DIN3901/3902 L.B.)



Part Number	Tube O.D.	Thread T_1	Thread T_2
15.063-6-4	1/4	M12 x 1.5	7/16-20
15.063-8-6	3/8	M14 x 1.5	9/16-18
15.063-10-8	1/2	M16 x 1.5	3/4-16
15.063-12-8	1/2	M18 x 1.5	3/4-16
15.063-15-10	5/8	M22 x 1.5	7/8-14
15.063-18-12	3/4	M26 x 1.5	1-1/16-12
15.063-22-16	1	M30 x 2	1-5/16-12

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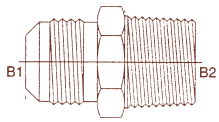
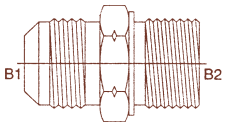
MALE J.I.C. TO MALE BRITISH STANDARD PIPE TAPERED



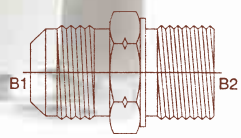
Part Number	Tube O.D.	B1 J.I.C.	B2 BSPT
7000-04-02	1/4	7/16-20	1/8-28
7000-04-04	1/4	7/16-20	1/4-19
7000-04-06	1/4	7/16-20	3/8-19
7000-05-02	5/16	1/2-20	1/8-28
7000-05-04	5/16	1/2-20	1/4-19
7000-06-02	3/8	9/16-18	1/8-28
7000-06-04	3/8	9/16-18	1/4-19
7000-06-06	3/8	9/16-18	3/8-19
7000-06-08	3/8	9/16-18	1/2-14
7000-08-06	1/2	3/4-16	3/8-19
7000-08-08	1/2	3/4-16	1/2-14
7000-10-08	5/8	7/8-14	1/2-14
7000-10-12	5/8	7/8-14	3/4-14
7000-12-08	3/4	1-1/16-12	1/2-14
7000-12-12	3/4	1-1/16-12	3/4-14
7000-12-16	3/4	1-1/16-12	1-11
7000-16-12	1	1-5/16-12	3/4-14
7000-16-16	1	1-5/16-12	1-11
7000-20-20	1¼	1-5/8-12	1¼-11
7000-24-24	1¼	1-7/8-12	1½-11

MALE J.I.C. TO MALE METRIC HEAVY METRIC (DUAL PURPOSE)



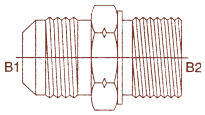
Part Number	Tube O.D.	B1 J.I.C.	B2 MM
7005-04-S06-14	1/4	7/16-20	14 x 1.5
7005-04-S08-16	1/4	7/16-20	16 x 1.5
7005-06-S08-16	3/8	9/16-18	16 x 1.5
7005-06-S10-18	3/8	9/16-18	18 x 1.5
7005-06-S12-20	3/8	9/16-18	20 x 1.5
7005-08-S10-18	1/2	3/4-16	18 x 1.5
7005-08-S12-20	1/2	3/4-16	20 x 1.5
7005-08-S14-22	1/2	3/4-16	22 x 1.5
7005-10-S12-20	5/8	7/8-14	20 x 1.5
7005-10-S16-24	5/8	7/8-14	24 x 1.5
7005-12-S16-24	3/4	1-1/16-12	24 x 1.5
7005-12-S20-30	3/4	1-1/16-12	30 x 1.5
7005-12-S25-36	3/4	1-1/16-12	36 X 2.0
7005-16-S30-42	1	1-5/16-12	42 x 2.0
7005-20-S38-52	1¼	1-5/8-12	52 x 2.0
7005-24-S38-52	1½	1-7/8-12	52 x 2.0

MALE J.I.C. TO MALE METRIC LIGHT METRIC (DUAL PURPOSE)



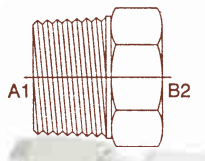
Part Number	Tube O.D.	B1 J.I.C.	B2 MM
7005-04-L06-12	1/4	7/16-20	12 x 1.5
7005-04-L08-14	1/4	7/16-20	14 x 1.5
7005-06-L08-14	3/8	9/16-18	14 x 1.5
7005-06-L10-16	3/8	9/16-18	16 x 1.5
7005-08-L10-16	1/2	3/4-16	16 x 1.5
7005-08-L12-18	1/2	3/4-16	18 x 1.5
7005-12-L18-24	3/4	1-1/16-12	24 x 1.5
7005-10-L15-22	5/8	7/8-14	22 x 1.5
7005-12-L18-26	3/4	1-1/16-12	26 x 1.5
7005-12-L22-30	3/4	1-1/16-12	30 x 2.0
7005-16-L28-36	1	1-5/16-12	36 x 2.0
7005-20-L35-45	1¼	1-7/8-12	45 x 2.0

MALE J.I.C. TO MALE BRITISH STANDARD PIPE PARALLEL W/ BONDED SEAL



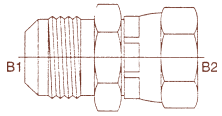
Part Number	Tube O.D.	B1 J.I.C.	B2 BSPT
7002-04-02-BS	1/4	7/16-20	1/8-28
7002-04-04-BS	1/4	7/16-20	1/4-19
7002-04-06-BS	1/4	7/16-20	3/8-19
7002-04-08-BS	1/4	7/16-20	1/2-14
7002-05-02-BS	5/16	1/2-20	1/8-28
7002-05-04-BS	5/16	1/2-20	1/4-19
7002-05-06-BS	5/16	1/2-20	3/8-19
7002-06-02-BS	3/8	9/16-18	1/8-28
7002-06-04-BS	3/8	9/16-18	1/4-19
7002-06-06-BS	3/8	9/16-18	3/8-19
7002-06-08-BS	3/8	9/16-18	1/2-14
7002-06-10-BS	3/8	9/16-18	5/8-14
7002-06-12-BS	3/8	9/16-18	3/4-14
7002-08-04-BS	1/2	3/4-16	1/4-19
7002-08-06-BS	1/2	3/4-16	3/8-19
7002-08-08-BS	1/2	3/4-16	1/2-14
7002-08-10-BS	1/2	3/4-16	5/8-14
7002-08-12-BS	1/2	3/4-16	3/4-14
7002-08-16-BS	1/2	3/4-16	1-11
7002-10-04-BS	5/8	7/8-14	1/4-19
7002-10-06-BS	5/8	7/8-14	3/8-19
7002-10-08-BS	5/8	7/8-14	1/2-14
7002-10-10-BS	5/8	7/8-14	5/8-14
7002-10-12-BS	5/8	7/8-14	3/4-14
7002-10-16-BS	5/8	7/8-14	1-11
7002-12-06-BS	3/4	1-1/16-12	3/8-19
7002-12-08-BS	3/4	1-1/16-12	1/2-14
7002-12-10-BS	3/4	1-1/16-12	5/8-14
7002-12-12-BS	3/4	1-1/16-12	3/4-14
7002-12-16-BS	3/4	1-1/16-12	1-11
7002-16-08-BS	1	1-5/16-12	1/2-14
7002-16-12-BS	1	1-5/16-12	3/4-14
7002-16-16-BS	1	1-5/16-12	1-11
7002-16-20-BS	1	1-5/16-12	1¼-11
7002-16-24-BS	1	1-5/16-12	1½-11
7002-20-12-BS	1¼	1-5/8-12	3/4-14
7002-20-16-BS	1¼	1-5/8-12	1-11
7002-20-20-BS	1¼	1-5/8-12	1¼-11
7002-20-24-BS	1½	1-5/8-12	1½-11
7002-24-20-BS	1½	1-7/8-12	1¼-11
7002-24-24-BS	1½	1-7/8-12	1½-11
7002-32-32-BS	2	2½-12	2-11

MALE PIPE TO FEMALE BRITISH STANDARD PIPE PARALLEL



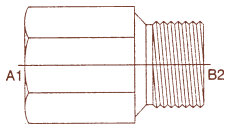
Part Number	A1 MP	B2 BSPP
7033-04-04	1/4-18	1/4-19
7033-06-06	3/8-18	3/8-19
7033-08-06	1/2-14	3/8-19
7033-08-08	1/2-14	1/2-14
7033-12-12	3/4-14	3/4-14
7033-16-16	1-11½	1-11

MALE J.I.C. TO FEMALE BRITISH STANDARD PIPE PARALLEL SWIVEL



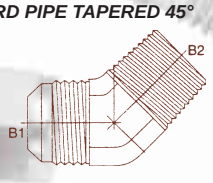
Part Number	Tube O.D.	B1 J.I.C.	B2 BSPT
7004-04-02	1/4	7/16-20	1/4-19
7004-04-04	1/4	7/16-20	1/4-19
7004-04-06	1/4	7/16-20	1/4-19
7004-06-04	3/8	9/16-18	1/4-19
7004-06-06	3/8	9/16-18	3/8-19
7004-06-08	3/8	9/16-18	3/8-19
7004-08-06	1/2	3/4-16	3/8-19
7004-08-08	1/2	3/4-16	1/2-14
7004-08-10	1/2	3/4-16	5/8-14
7004-08-12	1/2	3/4-16	3/4-14
7004-10-08	5/8	7/8-14	1/2-14
7004-10-10	5/8	7/8-14	5/8-14
7004-10-12	5/8	7/8-14	3/4-14
7004-12-12	3/4	1-1/16-12	3/4-14
7004-12-16	3/4	1-1/16-12	1-11
7004-16-16	1	1-5/16-12	1-11
7004-20-20	1¼	1-7/8-12	1¼-11

FEMALE PIPE TO MALE BRITISH STANDARD PIPE PARALLEL



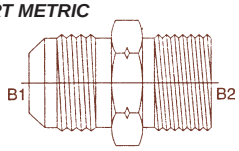
Part Number	A1 FP	B2 BSPP
7042-02-02	1/8-27	1/8-28
7042-02-04	1/8-27	1/4-19
7042-04-02	1/4-18	1/8-28
7042-04-04	1/4-18	1/4-19
7042-04-06	1/4-18	3/8-19
7042-04-08	1/4-18	1/2-14
7042-06-04	3/8-18	1/4-19
7042-06-06	3/8-18	3/8-19
7042-06-08	3/8-18	1/2-14
7042-08-02	1/2-14	1/8-28
7042-08-04	1/2-14	1/4-19
7042-08-06	1/2-14	3/8-19
7042-08-08	1/2-14	1/2-14
7042-08-12	1/2-14	3/4-12
7042-12-12	3/4-12	3/4-12
7042-16-16	1-11-1/2	1-11
7042-20-20	1¼-11½	1¼-11

MALE J.I.C. TO MALE BRITISH STANDARD PIPE TAPERED 45° ELBOW



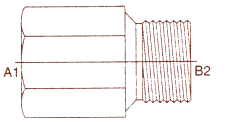
Part Number	B1 J.I.C.	B2 BSPT
7100-04-02	7/16	1/8-28
7100-04-04	7/16-20	1/4-19
7100-06-04	9/16-18	1/4-19
7100-06-06	9/16-18	3/8-19
7100-08-06	3/4-16	3/8-19
7100-08-08	3/4-16	1/2-14
7100-10-08	7/8-14	1/2-14
7100-12-12	1-1/16-12	3/4-14
7100-16-16	1-5/16-12	1-11

MALE J.I.C. TO MALE METRIC PORT METRIC



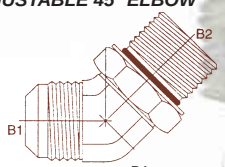
Part Number	Tube O.D.	B1 J.I.C.	B2 MM
7005-04-10	1/4	7/16-20	10 x 1.0
7005-04-12	1/4	7/16-20	12 x 1.5
7005-04-14	1/4	7/16-20	14 x 1.5
7005-05-12	5/16	1/2-20	12 x 1.5
7005-06-12	3/8	9/16-18	12 x 1.5
7005-06-14	3/8	9/16-18	14 x 1.5
7005-06-16	3/8	9/16-18	16 x 1.5
7005-06-18	3/8	9/16-18	18 x 1.5
7005-08-12	1/2	3/4-16	12 x 1.5
7005-08-14	1/2	3/4-16	14 x 1.5
7005-08-16	1/2	3/4-16	16 x 1.5
7005-08-18	1/2	3/4-16	18 x 1.5
7005-08-20	1/2	3/4-16	20 x 1.5
7005-08-22	1/2	3/4-16	22 x 1.5
7005-10-18	5/8	7/8-14	18 x 1.5
7005-10-20	5/8	7/8-14	20 x 1.5
7005-10-22	5/8	7/8-14	22 x 1.5
7005-12-22	3/4	1-1/16-16	22 x 1.5
7005-12-27	3/4	1-1/16-12	27 x 2
7005-16-33	1	1-5/16-12	33 x 1.5
7005-24-48	1½	1-7/8-12	48 x 2

FEMALE PIPE TO MALE METRIC



Part Number	A1 FP	B2 MM
7045-02-06	1/8-27	06 x 1.0
7045-02-10	1/8-27	10 x 1.0
7045-02-14	1/8-27	14 x 1.5
7045-02-16	1/8-27	16 x 1.5
7045-02-18	1/8-27	18 x 1.5
7045-02-20	1/8-27	20 x 1.5
7045-04-10	1/4-18	10 x 1.0
7045-04-12	1/4-18	12 x 1.5
7045-04-14	1/4-18	14 x 1.5
7045-06-16	3/8-18	16 x 1.5
7045-06-18	3/8-18	18 x 1.5
7045-06-20	3/8-18	20 x 1.5
7045-08-16	1/2-14	16 x 1.5
7045-08-18	1/2-14	18 x 1.5
7045-08-22	1/2-14	22 x 1.5
7045-12-26	3/4-14	26 x 1.5
7045-12-27	3/4-14	27 x 2.0
7045-16-33	1-11½	33 x 2.0
7045-16-42	1-11½	42 x 2.0

MALE J.I.C. TO MALE BRITISH STANDARD PIPE PARALLEL ADJUSTABLE 45° ELBOW



Part Number	B1 J.I.C.	B2 BSPP
7102-04-04-NWO	7/16-20	1/4-19
7102-06-04-NWO	9/16-18	1/4-19
7102-06-06-NWO	9/16-18	3/8-19
7102-06-08-NWO	9/16-18	1/2-14
7102-08-06-NWO	3/4-16	3/8-19
7102-08-08-NWO	3/4-16	1/2-14
7102-12-08-NWO	1-11/16-12	1/2-14
7102-12-12-NWO	1-1/16-12	3/4-14
7102-16-16-NWO	1-5/16-12	1-11

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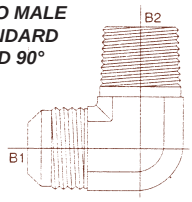
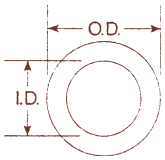
MALE J.I.C. TO MALE BRITISH STANDARD PIPE TAPERED 90° ELBOW



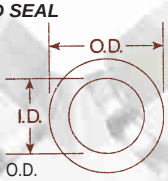
Part Number	B1 J.I.C.	B2 BSPT
7200-04-02	7/16-20	1/8-28
7200-04-04	7/16-20	1/4-19
7200-06-04	9/16-18	1/4-19
7200-06-06	9/16-18	3/8-19
7200-08-06	3/4-16	3/8-19
7200-08-08	3/4-16	1/2-14
7200-12-12	1-1/16-12	3/4-14
7200-16-16	1-5/16-12	1-11

METRIC BONDED SEAL



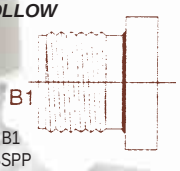
Part Number	I.D. MM	O.D. MM
8800-06	6	10
8800-08	8	13
8800-10	10	18
8800-12	12	20
8800-14	14	22
8800-16	16	24
8800-18	18	26
8800-20	20	28
8800-22	22	30
8800-24	24	32
8800-26	26	35
8800-27	27	36
8800-30	30	39
8800-33	33	43
8800-36	36	46
8800-42	42	53
8800-52	52	64

BRITISH BONDED SEAL



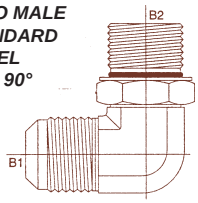
Part Number	I.D.	O.D.
9900-02	0.408	0.625
9900-04	0.540	0.809
9900-06	0.682	0.937
9900-08	0.850	1.125
9900-10	.925	1.250
9900-12	1.062	1.375
9900-16	1.338	1.687
9900-20	1.699	2.063
9900-24	1.910	2.310
9900-32	2.389	2.875

MALE BSP PARALLEL HOLLOW HEX PLUG



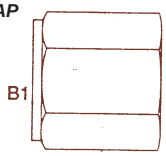
Part Number	B1 BSPP
9522-H-02-O	1/2-28
9522-H-04-O	1/4-19
9522-H-06-O	3/8-19
9522-H-08-O	1/2-14
9522-H-12-O	3/4-14

MALE J.I.C. TO MALE BRITISH STANDARD PIPE PARALLEL ADJUSTABLE 90° ELBOW



Part Number	B1 J.I.C.	B2 BSPP
7202-04-02-NWO	7/16-20	1/8-28
7202-04-04-NWO	7/16-20	1/4-19
7202-06-04-NWO	9/16-18	1/4-19
7202-06-06-NWO	9/16-18	3/8-19
7202-06-08-NWO	9/16-18	1/2-14
7202-08-06-NWO	3/4-16	3/8-19
7202-08-08-NWO	3/4-16	1/2-14
7202-08-12-NWO	3/4-16	3/4-14
7202-10-08-NWO	7/8-14	1/2-14
7202-10-12-NWO	7/8-14	3/4-14
7202-12-08-NWO	1-11/16-12	1/2-14
7202-12-12-NWO	1-1/16-12	3/4-14
7202-12-16-NWO	1-1/16-12	1-11
7202-16-12-NWO	1-5/16-12	3/4-14
7202-16-16-NWO	1-5/16-12	1-11
7202-16-20-NWO	1-5/16-12	1¼-11
7202-20-20-NWO	1-5/8-12	1¼-11
7202-24-24-NWO	1½-12	1½-12

FEMALE J.I.S. CAP

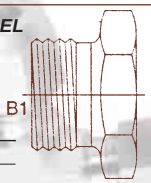


Part Number	B1 J.I.S.
7688-C-02	1/8-28
7688-C-04	1/4-19
7688-C-06	3/8-19
7688-C-08	1/2-14
7688-C-12	3/4-14
7688-C-16	1-11

FEMALE KOMATSU CAP

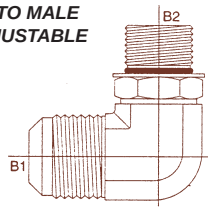
Part Number	B1 J.I.S.
7699-C-14	14 x 1.5
7699-C-18	18 x 1.5
7699-C-22	22 x 1.5
7699-C-24	24 x 1.5
7699-C-30	30 x 1.5
7699-C-33	33 x 1.5

MALE BSP PARALLEL HEX PLUG



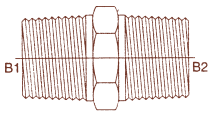
Part Number	B1 BSPP
9522-P-02	1/8-28
9522-P-04	1/4-19
9522-P-06	3/8-19
9522-P-08	1/2-14
9522-P-10	5/8-14
9522-P-12	3/4-14
9522-P-16	1-11
9522-P-20	1¼ -11
9522-P-24	1½ -11
9522-P-32	2-11

MALE J.I.C. TO MALE METRIC ADJUSTABLE 90° ELBOW



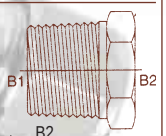
Part Number	B1 J.I.C.	B2 BSPP
7205-04-10-NWO	7/16-20	10 x 1.0
7205-04-12-NWO	7/16-20	12 x 1.5
7205-04-14-NWO	7/16-20	14 x 1.5
7205-06-14-NWO	9/16-18	14 x 1.5
7205-06-16-NWO	9/16-18	16 x 1.5
7205-08-16-NWO	3/4-16	16 x 1.5
7205-08-18-NWO	3/4-16	18 x 1.5
7205-10-18-NWO	7/8-14	18 x 1.5
7205-10-20-NWO	7/8-14	20 x 1.5
7205-10-22-NWO	7/8-14	22 x 1.5
7205-12-22-NWO	1-11/16-12	22 x 1.5
7205-12-27-NWO	1-1/16-12	27 x 2.0
7205-16-27-NWO	1-5/16-12	27 x 2.0
7205-16-33-NWO	1-5/16-12	33 x 2.0

MALE BSP TAPERED TO MALE BSP TAPERED NIPPLE



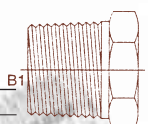
Part Number	B1 BSPT	B2 BSPT
9000-02-02	1/8-27	1/8-28
9000-04-02	1/4-19	1/8-28
9000-04-04	1/4-19	1/4-19
9000-06-02	3/8-19	1/8-28
9000-06-04	3/8-19	1/4-19
9000-06-06	3/8-19	3/8-19
9000-08-04	1/2-14	1/4-19
9000-08-06	1/2-14	3/8-19
9000-08-08	1/2-14	1/2-14
9000-10-10	5/8-14	5/8-14
9000-12-08	3/4-14	1/2-14
9000-12-12	3/4-14	3/4-14
9000-16-12	1-11	3/4-14
9000-16-16	1-11	1-11
9000-20-20	1¼-11	1¼-11
9000-24-24	1½-11	1½-11
9000-32-32	2-11	2-11

MBSPT TO FBSPT BUSHING



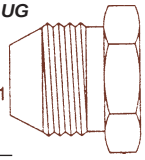
Part Number	B1 BSPT	B2 BSPT
9001-04-02	1/4-19	1/8-28
9001-06-04	3/8-19	1/4-19
9001-08-06	1/2-14	3/8-19
9001-12-08	3/4-14	1/2-14
9001-16-12	1-11	3/4-14
9001-20-16	1¼-11	1-11

MALE BSP TAPERED PLUG



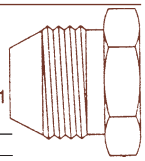
Part Number	B1 BSPT
9500-P-02	1/8-28
9500-P-04	1/4-19
9500-P-06	3/8-19
9500-P-08	1/2-14
9500-P-10	5/8-14
9500-P-12	3/4-14
9500-P-16	1-11
9500-P-20	1¼-11
9500-P-24	1½-11
9500-P-32	2½-11

MALE KOMATSU PLUG



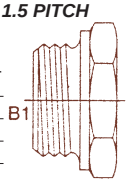
Part Number	B1 MK
7599-P-14	14 x 1.5
7599-P-18	18 x 1.5
7599-P-22	22 x 1.5
7599-P-24	24 x 1.5
7599-P-30	30 x 2.0
7599-P-33	33 x 1.5

MALE J.I.S. PLUG



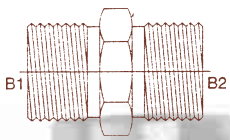
Part Number	B1 J.I.S.
7588-P-02	1/8-27
7588-P-04	1/4-19
7588-P-06	3/8-19
7588-P-08	1/2-14
7588-P-12	3/4-14
7588-P-16	1-11

MALE METRIC PLUG 1.5 PITCH



Part Number	B1 J.I.S.
8555-P-10	10 x 1.0
8555-P-12	12 x 1.5
8555-P-14	14 x 1.5
8555-P-16	14 x 1.5
8555-P-18	18 x 1.5
8555-P-20	20 x 1.5
8555-P-22	22 x 1.5
8555-P-24	24 x 1.5
8555-P-26	26 x 1.5

MALE BSP PARALLEL TO MALE BSP PARALLEL NIPPLE



Part Number	B1 BSPP	B2 BSPP
9022-02-02	1/8-28	1/2-28
9022-04-02	1/4-19	1/8-28
9022-04-04	1/4-19	1/4-19
9022-06-02	3/8-19	1/8-28
9022-06-04	3/8-19	1/4-19
9022-06-06	3/8-19	3/8-19
9022-08-02	1/2-14	1/8-28
9022-08-04	1/2-14	1/4-19
9022-08-06	1/2-14	3/8-19
9022-08-08	1/2-14	1/2-14
9022-10-04	5/8-14	1/4-19
9022-10-06	5/8-14	3/8-19
9022-10-08	5/8-14	1/2-14
9022-10-10	5/8-14	5/8-14
9022-12-04	3/4-14	1/4-19
9022-12-06	3/4-14	3/8-19
9022-12-08	3/4-14	1/2-14
9022-12-10	3/4-14	5/8-14
9022-12-12	3/4-14	3/4-14
9022-16-06	1-11	3/8-19
9022-16-08	1-11	1/2-14
9022-16-10	1-11	5/8-14
9022-16-12	1-11	3/4-14
9022-16-16	1-11	1-11
9022-20-16	1¼-11	1-11
9022-20-20	1¼-11	1¼-11
9022-24-20	1½-11	1¼-11
9022-24-24	1½-11	1½-11
9022-32-32	2½-11	2½-11

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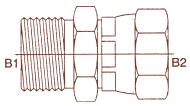
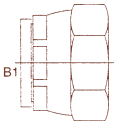
MALE BSP PARALLEL TO FEMALE BSP PARALLEL SWIVEL



Part Number	B1 BSPP	B2 BSPP
9024-02-02	1/8-28	1/8-28
9024-04-04	1/4-19	1/4-19
9024-06-06	3/8-19	3/8-19
9024-08-08	1/2-14	1/2-14
9024-12-12	3/4-14	3/4-14
9024-16-16	1-11	1-11
9024-20-20	1¼-11	1¼-11

FEMALE BSP PARALLEL CAP

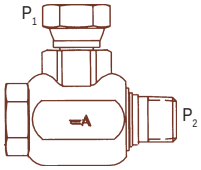


Part Number	B1 BSPP
9644-C-02	1/8-19
9644-C-04	1/4-19
9644-C-06	3/8-19
9644-C-08	1/2-14
9644-C-10	5/8-14
9644-C-12	3/4-14
9644-C-16	1-11
9644-C-20	1¼-11
9644-C-24	1½-11
9644-C-32	2½-11

Balanced Pressure Swivel Joints

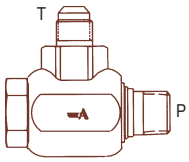
The Aeroquip FS65 90° Swivel Joint with its forged body design is available in sizes 1/4" - 1". Working pressure on 1/4 - 3/8" is 5000 psi; 1/2 - 3/4" is 3500 psi; and 1" is 3000 psi. The pressure balanced design allows the joint to swivel with low torque even under full pressure.

FEMALE PIPE SWIVEL (NPSM) X MALE PIPE



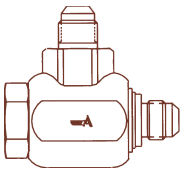
Part Number	Thread P_1	Thread P_2
FS65000-44-01	1/4	1/4
FS65000-66-01	3/8	3/8
FS65000-88-01	1/2	1/2
FS65000-1212-01	3/4	3/4
FS65000-1616-01	1	1

MALE JIC X MALE PIPE



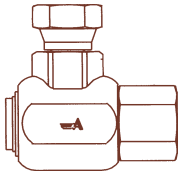
Part Number	Thread T	Thread P
FS65003-44-01	-4	1/4
FS65003-66-01	-6	3/8
FS65003-88-01	-8	1/2
FS65003-1212-01	-12	3/4
FS65003-1616-01	-16	1

MALE JIC X MALE JIC



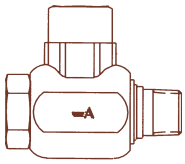
Part Number	Thread
FS65004-44-01	-4
FS65004-55-01	-5
FS65004-66-01	-6
FS65004-88-01	-8
FS65004-1010-01	-10
FS65004-1212-01	-12
FS65004-1616-01	-16

FEMALE PIPE SWIVEL (NPSM) X FEMALE PIPE



Part Number	Thread
FS65005-88-01	1/2
FS65005-1212-01	3/4
FS65005-1616-01	1

FEMALE PIPE X MALE PIPE

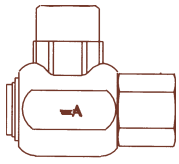


Part Number	Thread
FS65007-88-01	1/2
FS65007-1212-01	3/4
FS65007-1616-01	1

REPAIR KITS FOR FS65 SERIES SWIVEL JOINTS

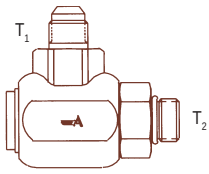
PART NO.	FITS	SEAL MATERIAL
FS65-01013-01	1/4" - 3/8" joints	Buna-N
FS65-01013-06	1/4" - 3/8" joints	Viton
FS65-01018-01	1/2" joints	Buna-N
FS65-01018-06	1/2" joints	Viton
FS65-01019-01	3/4" joints	Buna-N
FS65-01019-06	3/4" joints	Viton
FS65-01020-16-01	1" joints	Buna-N
FS65-01020-16-06	1" joints	Viton

FEMALE PIPE X FEMALE PIPE



Part Number	Thread
FS65008-88-01	1/2
FS65008-1212-01	3/4
FS65008-1616-01	1

MALE JIC X MALE SAE O'RING BOSS



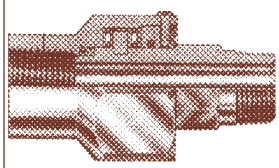
Part Number	Thread T_1	Thread T_2
FS65009-66-01	-6	-6
FS65009-88-01	-8	-8
FS65009-1212-01	-12	-12
FS65009-1616-01	-16	-16

Heavy Duty Full Flow Swivel Joints

REPAIR KITS FOR FS5900 SWIVEL JOINTS (SEALS & BACK-UP RINGS ONLY)

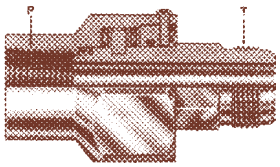
PART NO. (with Seals & Back-up Ring)	FITS	SEAL MATERIAL	PART NO. (with Seals, Back-up Rings, Bearings, & Races)
FF974-4-01	1/4" joints	Buna-N	—
FF974-6-75	3/8" joints	Hytrel/Buna	—
FF974-8-75	1/2" joints	Hytrel/Buna	—
FF974-12-75	3/4" joints	Hytrel/Buna	FF975-12-75
FF974-16-75	1" joints	Hytrel/Buna	FF975-16-75

FEMALE PIPE TO MALE PIPE



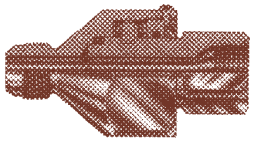
Part Number	Nominal Size	Thread
FS59004-44-01	1/4"	1/4-18
FS59004-66-75	3/8"	3/8-18
FS59004-88-75	1/2"	1/2-14
FS59004-1212-75	3/4"	3/4-14
FS59004-1616-75	1"	1-11½

FEMALE PIPE TO MALE SAE 37°



Part Number	Nominal Size	Thread P	Thread T
FS59005-1212-75	3/4"	3/4-14	1-1/16-12
FS59005-1616-75	1"	1-11-1/2	1-5/16-12

MALE SAE 37° TO FEMALE SAE 37°



Part Number	Nominal Size	Thread
FS59006-1010-75	1/2"	7/8-14
FS59006-1212-75	3/4"	1-1/16-12
FS59006-1616-75	1"	1-5/16-12

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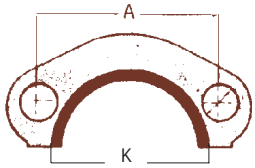
Split Flanges

Two methods can be used to determine the flange dash size and code. The first is by measuring the flange head diameter on the fitting itself (the "K" dimension). The second is by measuring the "A" dimension on the flange or the flange port. Either will determine the dash size and the code since these dimensions are exclusive to either code 61 or code 62 split flange kits. See chart for these dimensions.

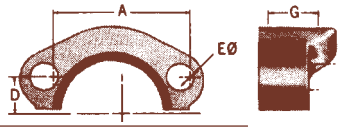


"A" Dimension (inches)	"K" Flange Head Diameter (inches)	Flange Dash Size	Maximum Operating Pressure (psi)
Code 61			
1.50	1.19	-8	5000
1.88	1.50	-12	5000
2.06	1.75	-16	5000
2.31	2.00	-20	4000
2.75	2.38	-24	3000
3.06	2.81	-32	3000

"A" Dimension (inches)	"K" Flange Head Diameter (inches)	Flange Dash Size	Maximum Operating Pressure (psi)
Code 62			
1.59	1.25	-8	6000
2.00	1.63	-12	6000
2.25	1.88	-16	6000
2.62	2.12	-20	6000
3.12	2.50	-24	6000
3.81	3.12	-32	6000

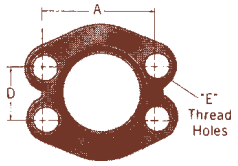
SPLIT FLANGE HALF 449-74446 - SAE J518C CODE 61

Cadmium plated, chromate finish
Standard series -- 2 required



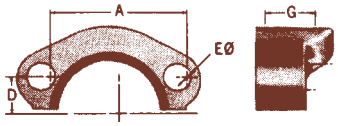
4-HOLE FLANGE FC2119 - SAE J518C CODE 61

Cadmium plated, chromate finish
Standard series



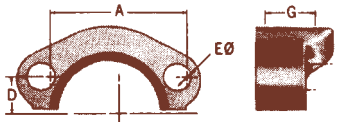
SPLIT FLANGE HALF FC3425 - SAE J518C CODE 62

Cadmium plated, chromate finish, high pressure 6000 psi series -- 2 required



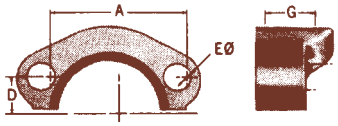
SPLIT FLANGE HALF FF593 - SAE J518 CODE 61

Zinc plated yellow, chromate finish standard series
FF593 Kit Includes: 2 flange halves, 4 grade 8 hex bolts, 4 lock washers, 1 Buna-N o-ring.



SPLIT FLANGE HALF FF595 - SAE J518 CODE 62

Zinc plated yellow, chromate finish, high pressure 6000 psi series
FF595 Kit Includes: 2 flange halves, 4 grade 8 hex bolts, 4 lock washers, 1 Buna-N o-ring.



Part Number	Dash Size	Nominal Flange Size	Flange Head Dia.	A	D	EØ	G
449-74446-8	-8	1/2	1.19	1.50	.34	.34	.50
449-74446-12	-12	3/4	1.50	1.88	.44	.41	.56
449-74446-16	-16	1	1.75	2.06	.52	.41	.62
449-74446-20	-20	1¼	2.00	2.31	.59	.47	.56
449-74446-24	-24	1½	2.38	2.75	.70	.53	.62
449-74446-32	-32	2	2.81	3.06	.84	.53	.62
449-74446-40	-40	2½	3.31	3.50	.96	.53	.75
FC2119-16-449	-16	1	1.75	2.06	1.03	3/8-16	
FC2119-20-449	-20	1¼	2.00	2.31	1.19	7/16-14	
FC2119-24-449	-24	1½	2.38	2.75	1.41	1/2-13	
FC2119-32-449	-32	2	2.00	3.06	1.69	1/2-13	
FC3425-12-449	-12	3/4	1.62	2.00	.47	.42	.75
FC3425-16-449	-16	1	1.88	2.25	.55	.50	.94
FC3425-20-449	-20	1¼	2.12	2.62	.62	.60	1.06
FC3425-24-449	-24	1½	2.50	3.12	.72	.66	1.19
FC3425-32-449	-32	2	3.12	3.81	.88	.78	1.44
FF593-8	-8	1/2	1.19	1.50	.34	.34	.50
FF593-12	-12	3/4	1.50	1.88	.44	.41	.56
FF593-16	-16	1	1.75	2.06	.52	.41	.62
FF593-20	-20	1¼	2.00	2.31	.59	.47	.56
FF593-24	-24	1½	2.38	2.75	.70	.53	.62
FF593-32	-32	2	2.81	3.06	.84	.53	.62
FF595-12	-12	3/4	1.63	2.00	.47	.42	.75
FF595-16	-16	1	1.88	2.25	.55	.50	.94
FF595-20	-20	1¼	2.12	2.62	.62	.60	1.06
FF595-24	-24	1½	2.50	3.12	.72	.66	1.19
FF595-32	-32	2	3.12	3.81	.88	.78	1.44

All dimensions in inches.

O-Rings For ORS & Split Flange Adapters & Fittings

Buna-N Nitrile Rubber O-Rings

CODE 61 - 70 DUROMETER

Part Number	I.D.	Section	Flange Dash Size
22550-210	.734	.139	-8
22550-214	.984	.139	-12
22550-219	1.296	.139	-16
22550-222	1.484	.139	-20
22550-225	1.859	.139	-24
22550-228	2.234	.139	-32
22550-232	2.734	.139	-40

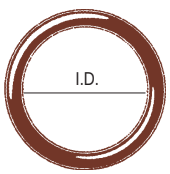
90 DUROMETER,

Operating Temperature Range: -40°C to +121°C.

Part Number	ORS Tube Size
FF9446-11	-4
FF9446-12	-6
FF9446-14	-8
FF9446-16	-10
FF9446-18	-12
FF9446-21	-16
FF9446-25	-20
FF9446-29	-24

CODE 62 - 90 DUROMETER

Part Number	I.D.	Section	Flange Dash Size
FF9446-210	.734	.139	-8
FF9446-214	.984	.139	-12
FF9446-219	1.296	.139	-16
FF9446-222	1.484	.139	-20
FF9446-225	1.859	.139	-24
FF9446-228	2.234	.139	-32



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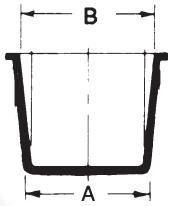
POLYETHYLENE CAPLUGS, CAPS, & PLUGS



THREADED CAPS

Part No.	Unified Thd. Size	Caps
TC-2	7/16-20	SAE/JIC #4 *ORB
TC-4	1/2-20	SAE/JIC #5 *ORB
TC-5	9/16-18	JIC #6 *ORB
TC-6	5/8-18	SAE #6
TC-8	3/4-16	SAE/JIC #8 *ORB
TC-10	7/8-14	SAE/JIC #10 *ORB
TC-13	1-1/16-12	JIC #12 *ORB
TC-14	1-1/16-14	SAE #12
TC-18	1-5/16-12	JIC #16 *ORB
TC-20	1-5/8-12	JIC #20 *ORB
TC-21	1-7/8-12	JIC #24 *ORB
TC-400	2-1/2-12	JIC #32 *ORB

THREADED PLUGS

Part No.	Unified Thd. Size	Caps
HF-6	7/16-20	SAE/JIC #4 *ORB
HF-8	1/2-20	SAE/JIC #5 *ORB
HF-10	9/16-18	JIC #6 *ORB
HF-11	5/8-18	SAE #6
HF-12	3/4-16	SAE/JIC #8 *ORB
HF-14	7/8-14	SAE/JIC #10 *ORB
HF-16	1-1/16-12	JIC #12 *ORB
HF-17	1-1/16-14	SAE #12
HF-20	1-5/16-12	JIC #16 *ORB
HF-24	1-5/8-12	JIC #20 *ORB
HF-28	1-7/8-12	JIC #24 *ORB
HF-32	2-1/2-12	JIC #32 *ORB

TAPERED CAPLUGS

Part No.	Competitor's Number	"A"	"B"	Caps	Plugs
236-X	1	.239	.239	-	-
236-L	1X	.267	.273	-	-
237-Y	2	.299	.303	-	-
229Z	2X	.331	.333	-	1/8 NPT
238D	3	.362	.364	-	#4 JIC
239E	3X	.392	.395	-	-
181	4	.422	.422	1/8 NPT	1/4 NPT & #5 JIC
240	4X	.448	.448	#4 JIC	-
189	5	.472	.484	#5 JIC	#6 JIC
189C	-	.477	.485	-	-
189-2	5X	.500	.504	-	-
241	6	.533	.544	1/4 NPT	#6 SAE
188	6X	.551	.569	#6 JIC	3/8 NPT
242	7	.590	.606	#6 SAE	-
242-2	7X	.610	.634	-	-
243	8	.642	.665	-	#8 JIC
191	8X	.678	.691	3/8 NPT	-
203	9	.691	.723	-	1/2 NPT
245	9X	.727	.761	#8 JIC	-
246	10	.752	.785	-	#10 JIC
204	11	.803	.848	1/2 NPT	-
247	11X	.819	.869	#10 JIC	-
192-2	12	.854	.894	-	3/4 NPT
248	12X	.915	.980	-	#12 JIC
249	13	.967	1.028	-	-
153	13X	.997	1.080	3/4 NPT & #12 JIC	-
193	14	1.093	1.155	-	1 NPT
250	14X	1.179	1.222	-	#16 JIC
251	15	1.226	1.290	-	-
205	15X	1.233	1.300	1 NPT & #16 JIC	-
253	16	1.312	1.401	-	-
254	17-S	1.451	1.537	-	1-1/4 NPT
195F	18	1.560	1.620	1-1/4 NPT & #20 JIC	-
196	19	1.752	1.818	-	#24 JIC & 1-1/2 NPT
206	20	1.807	1.874	-	-
259	22-S	2.017	2.083	-	-
X150	24-S	2.23	2.200	-	2 NPT
262	25-A	2.129	2.344	-	-
207	240	2.300	2.400	2 NPT & #32 JIC	#32 JIC
209	96A	3.27	3.492	3 NPT	-
342	1072	4.368	4.502	4 NPT	-

AEROQUIP

Support Clamps

Clamp Part Number	I.D.	Hose Dash Size						
		FC619	FC350 1503 FC310 2651 FC300	FC510	FC195	2556	FC802	FC807
900729-01	.438"					-4		-6
900729-1	.50"		-4	-4				-8
900729-2	.562"		-5					
900729-3	.688"						-6	
900729-4	.75"		-8	-8		-8	-8	-12
900729-5	.812"				-6	-10	-10	
900729-6	.938"		-10	-10	-8			
900729-8	1.062"		-12	-12	-10			
900729-9	1.125"							
900729-10	1.50"	-16	-20		-16			
900729-11	1.562"							
900729-12	1.75"	-20	-24					
900729-13	2.00"				-20			
900729-14	2.25"		-32		-24			
900729-15	2.75"				-32			
900729-16	2.875"							
900729-17	3.56"							
900729-18	.25"							-3, -4
900729-19	.375"							-5
900729-21	.625"		-6	-6	-4	-6		-10
900729-23	1.00"					-12		-16
900729-24	1.25"	-12	-16					-20
900729-25	1.312"			-16				
900729-27	1.188"				-12			
900729-29	2.062"							
900729-30	2.50"							

SUPPORT CLAMP

Lightweight neoprene-coated steel support clamps are designed to support hose where long runs are necessary. They not only furnish a neater installation, but prevent damage and chafing. The neoprene lining will withstand high ambient temperatures.

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Protective Sleeves

900705 STEEL PROTECTIVE COIL SLEEVE

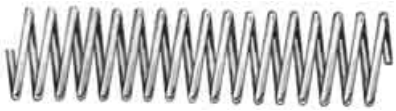
Steel protective coil sleeve is recommended for use where hose lines are subjected to excessive abrasion or accidental damage. Construction: spring steel, rust resistant.

Maximum Lengths:
-1 through -6: 30 feet
-7 through -11: 15 feet

900564 STEEL PROTECTIVE COIL SPRING SLEEVE

Protects hose cover, and reinforcement from abrasion and accidental damage. Construction: steel wire, rust resistant.

Maximum Lengths:
-1, -2, -3, -4: 30 feet
-5, -6, -7: 20 feet
-8: 12 feet



900952 PLASTIC PROTECTIVE COIL SLEEVE

Recommended to protect hose from abrasion, this light weight plastic sleeve is unaffected by air, water, oil, gasoline, hydraulic and most other fluids. This coil can also be used for group bundling of hose lines.

Temperature Range: -18°C to +82°C.

FC425 NYLON ABRASION SLEEVE

Nylon sleeve protects hose from abrasion and allows bundling of hose lines.

Part No.	I.D.	For use on hose sizes 1503-2651, FC300 FC350, FC802	FC195
900705-1	1/2”	-4-5	-
900705-2	5/8”	-6	-4
900705-3	3/4”	-8	-6
900705-4	7/8”	-10	-
900705-5	1-1/32”	-12	-8
900705-6	1-7/32”	-16	-12
900705-7	1-15/32”	-20	-16
900705-8	1-29/32”	-	-20
900705-9	1-11/16”	-24	-
900705-10	2-1/8”	-32	-24
900705-11	2-9/16”	-	-32
900564-1	39/64”	-4-5	-
900564-2	47/64”	-6	-4
900564-3	29/32”	-8	-6
900564-4	1-3/64”	-10	-8
900564-5	1-5/32”	-12	-10
900564-6	1-11/32”	-16	-12
900564-7	1-21/32”	-20	-16
900564-8	2-1/8”	-	-20
900952-4	1/4”	-	-
900952-6	3/8”	-4	-
900952-8	1/2”	-5	-
900952-10	5/8”	-6	-4
900952-12	3/4”	-8-10	-6-8
900952-16	1”	-16	-10-12
900952-22	1-3/8”	-20-24	-16
900952-30	1-7/8”	-32	-20-24-32
FC425-12	.71”	-4-5	-
FC425-16	1.00”	-6-8	-4-6
FC425-20	1.25”	-10-12	-8-10
FC425-24	1.59”	-16	-12
FC425-28	1.75”	-20	-16
FC425-32	2.07”	-24	-
FC425-38	2.38”	-32	-20
FC425-40	2.54”	-	-24
FC425-46	2.86”	-	-
FC425-54	3.34”	-40	-32
FC425-59	3.66”	-	-

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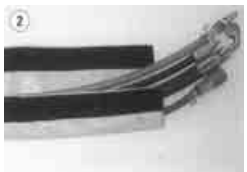
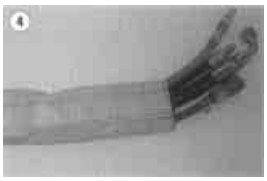
Bundling Sleeves

REUSABLE SLEEVING WITH HOOK AND LOOP CLOSURE

During use, hydraulic lines can be subject to tremendous stress and wear. Lines that are allowed to move freely are easily abraded, crimped, or cut. However, common methods for binding hydraulic lines, such as cable ties, can overly restrict movement as the lines expand and contract. Bundling sleeves from Eaton protect hydraulic lines from damage by holding them securely in place, yet provide enough flexibility for normal operation. The sleeves are easy to install and can be quickly removed when hose replacement is needed. Black colour with a urethane treatment.

Part No. FC676-2000, Fits bundle outer dia. 2”.
Part No. FC676-3000, Fits bundle outer dia. 3”.
Part No. FC676-4000, Fits bundle outer dia. 4”.
Part No. FC676-5000, Fits bundle outer dia. 5”.
Part No. FC676-6000, Fits bundle outer dia. 6”.





TECTORGUARD™
Hose & Cable Wrap

PART NO.	WRAP I.D. (inches)	WALL THICKNESS (inches)	PITCH (inches)	FT. PER ROLL
HEAVY DUTY				
SGX-16-H*	0.4920	0.0690	0.4900	100
SGX-20-H*	0.6680	0.0860	0.6100	100
SGX-25-H	0.7500	0.1000	0.9500	100
SGX-31-H	1.000	0.1220	1.2500	100
SGX-32-H	1.1040	0.1180	1.0400	100
SGX-39-H	1.2500	0.1320	1.3500	100
SGX-45-H	1.5000	0.1400	1.5000	100
SGX-50-H	1.6000	0.1500	1.5300	50
SGX-59-H	2.0000	0.1600	1.6000	100
SGX-75-H	2.4570	0.2090	1.6100	50
SGX-90-H	3.0640	0.2180	1.9700	35
SGX-102-H	3.5000	0.2500	1.9500	25
MEDIUM DUTY				
SGX-20-M	0.6680	0.0520	0.6100	100
SGX-32-M	1.0140	0.0710	1.0400	100
SGX-50-M	1.6000	0.0900	1.5300	50
SGX-75-M	2.4570	0.1250	1.6100	50
SGX-90-M	3.0640	0.1310	1.9700	35
LIGHT DUTY				
SGX-125-L	0.1250	0.0350	0.2100	100
SGX-187-L	0.1870	0.0400	0.2400	100
SGX-250-L	0.2500	0.0450	0.3750	100
SGX-375-L	0.3750	0.0520	0.4380	100
SGX-500-L	0.5000	0.0620	0.5630	100
SGX-625-L	0.6250	0.0620	0.6250	100
SGX-750-L	0.7500	0.0650	0.7500	100
SGX-1000-L	1.0000	0.0700	1.1100	100

TectorGuard Heavy and Medium Duty wrap provides superior protection from premature hose or cable failure in the factory or in the field. Manufactured from HDPE, they provide high impact protection, and are used widely in many industries. The unique double bevel design on the inside and outside edge prevents the wrap from snagging or cutting, allowing for safe and easy installation either before or after the hose or cable is in service.
TectorGuard resists oils, lubricants, gasoline, and most solvents — and has a high resistance to ultraviolet weathering. It also withstands ambient temperatures ranging from -73°C to 104°C.

TectorGuard Light Duty is used widely in the electrical industry for harnessing, bundling, and insulating wires, cables, and other types of conductors manufactured from LDPE. TectorGuard protects against abrasion while allowing wires to be broken out of the assembly at any point.

*Outside bevel only.

AEROQUIP
Quick Disconnect Couplings

FD15 SERIES OIL SAMPLING VALVE — 50 - 300 PSI

In-line sampling of system fluids is made without system shutdown, usually in less than one minute, and without fluid contamination. Application: Engine oil, lubricating oil, transmission fluid and hydraulic fluids in mobile construction equipment, military vehicles, trucks and stationary equipment. Buna-N.
Part No. FD15-1000-2, 1/8" NPTF inlet ports.
Part No. FD15-1000-4*, 1/4" NPTF inlet ports.

*The 1/4" NPTF version is qualified to MIL-V-81940/2-1 and its performance is representative of the other inlet port configurations listed above.

FD35 SERIES ARC LATCH™ — FOR 10,000 PSI HIGH PRESSURE APPLICATIONS

The FD35 Series Arc Latch design has a greater surface contact area for long surface life in rugged high pressure applications. Maximum operating pressure is 10,000 psi. Safety sleeve lock prevents accidental disconnection. Heavy duty back-up ring prevents o-ring extrusion. Heat treated and plated steel for greater wear and corrosion resistance. Self-sealing poppet valves provide excellent high and low pressure sealing. Standard seal material — Viton. Standard body material — zinc plated steel. -6 coupling size.
Part No. FD35-1002-6-6, Male half, female pipe/valved, 3/8-18 thread.
Part No. FD35-1001-6-6, Female half, female pipe/valved, 3/8-18 thread.

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FD45 SERIES/ INDUSTRIAL INTERCHANGE HYDRAULIC & FLUID TRANSFER COUPLING

The FD45 Quick Disconnect Coupling provides positive shutoff of a fluid system on both sides of the coupling upon disconnection. The poppet valves in each half of the coupling provide a spring actuated seal to prevent fluid leakage. They are used in fluid systems where a quick disconnection point is necessary for operating or maintenance reasons. Other valving options are available.
The FD45 Series Coupling was designed to provide an Aeroquip Quick Disconnect Coupling which would be interchangeable with the most popular general purpose quick disconnect couplings of other manufacturers. This interchangability allows the user to connect either half of the FD45 Coupling with the mating half of similar couplings made by other manufacturers.
While the FD45 Coupling was designed to mate with other manufacturers' couplings, it was also designed to Aeroquip's stringent quality standards. Aeroquip's maximum working pressure is 4000 psi in all sizes of steel and stainless steel couplings with a 12,000 psi minimum burst pressure rating to provide a 3 to 1 safety factor. The male half of the steel coupling is made of cadmium plated steel and is hardened for long service life.

Pipe Size	Complete Coupling Part No.	Male Tip Part No.	Female Body Part No.	Dust Cap Part No.	Dust Plug Part No.	Male Tip (Brass) Part No.	Female Body (Brass) Part No.	Male Tip (Stainless) Part No.	Female Body (Stainless) Part No.
1/8"	FD45-1000-2-2	FD45-1002-2-2	FD45-1003-2-2	FD45-1040-2	FD45-1041-2	FD45-1086-2-2	FD45-1101-2-2	—	—
1/4"	FD45-1000-4-4	FD45-1002-4-4	FD45-1003-4-4	FD45-1040-4	FD45-1041-4	FD45-1086-4-4	FD45-1101-4-4	FD45-1004-4-4	FD45-1005-4-4
3/8"	FD45-1000-6-6	FD45-1002-6-6	FD45-1003-6-6	FD45-1040-6	FD45-1041-6	FD45-1086-6-6	FD45-1101-6-6	FD45-1004-6-6	FD45-1005-6-6
1/2"	FD45-1000-8-10	FD45-1002-8-10	FD45-1003-8-10	FD45-1040-10	FD45-1041-10	FD45-1086-8-10	FD45-1101-8-10	FD45-1004-8-10	FD45-1005-8-10
3/4"	FD45-1000-12-12	FD45-1002-12-12	FD45-1003-12-12	FD45-1040-12	FD45-1041-12	FD45-1086-12-12	FD45-1101-12-12	FD45-1004-12-12	FD45-1005-12-12
1"	FD45-1000-16-16	FD45-1002-16-16	FD45-1003-16-16	FD45-1040-16	FD45-1041-16	FD45-1086-16-16	FD45-1101-16-16	FD45-1004-16-16	FD45-1005-16-16

Quick Disconnect Couplings

FD45 SERIES O-RINGS & BACK-UP RINGS

Coupling	O-Ring Part No.	Back-Up Ring Part No.
FD45-1003-4-4	22550-15	FF9502-4
FD45-1003-6-6	22550-116	22021-9
FD45-1003-8-10	22550-213	22021-11
FD45-1003-12-12	22550-218	22021-13
FD45-1003-16-16	22550-222	22021-17
5601-2-4	22550-112	22021-4
5601-4-4	22550-112	22021-4
5601-6-6	22550-115	22021-6
5601-8-10	22550-211	22021-10
5601-12-10	22550-211	22021-10
5601-12-12	22550-123	22021-12
5601-16-16	22550-126	22021-16

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FD89 SERIES/FLUSH-FACE COUPLINGS/ISO 16028 INTERCHANGE

Aeroquip's FD89 Series is specifically designed for those applications where quick and easy connections and no-spill performance are essential. Ideal for use where global interchange-ability with other manufacturers is important. The FD89 Series is available in sizes from 1/4" through 2" to best meet your specific size requirements. •Globally accepted interface which meets dimensional requirements of ISO 16028 •Quick and easy push-to-connect latching •Safety sleeve lock guards against accidental disconnections •The globally accepted interface meets HTMA requirements •Dual flush face valves result in minimal fluid loss, air inclusion, and easy cleaning

Pipe Size	Male Half Part No.	Female Half Part No.	Female Half Dust Cap Part No.	Male Half Dust Cap Part No.
1/4"	FD89-1002-4-4	FD89-1001-4-4	FD89-1009-4	FD89-1008-4
3/8"	FD89-1002-6-6	FD89-1001-6-6	FD89-1009-6	FD89-1008-6-6
1/2"	FD89-1002-8-6	FD89-1001-8-6	FD89-1009-6	FD89-1008-8-6
1/2"	FD89-1002-8-8	FD89-1001-8-8	FD89-1009-8-8	FD89-1008-8-8
3/4"	FD89-1002-12-8	FD89-1001-12-8	FD89-1009-12-8	FD89-1008-12-8
3/4"	FD89-1002-12-12	FD89-1001-12-12	FD89-1009-12	FD89-1008-12
1"	FD89-1002-16-16	FD89-1001-16-16	FD89-1009-16	FD89-1008-16
1¼"	FD89-1002-20-20	FD89-1001-20-20	FD89-1009-20	FD89-1008-20
1½"	FD89-1002-24-24	FD89-1001-24-24	FD89-1009-24	FD89-1008-24
2"	FD89-1002-32-32	FD89-1001-32-32	FD89-1009-32	FD89-1008-32

ORB THREAD

Convenient quick disconnect coupling system with ORB Thread. •Quick and easy push-to-connect latching •Safety sleeve lock guards against accidental disconnections •The globally accepted interface meets HTMA requirements •Dual flush face valves result in minimal fluid loss, air inclusion, and easy cleaning

Coupling Size	Thread Size	Male Half Female ORB/Valved Part No.	Female Half Female ORB/Valved Part No.	Female Half Dust Cap Part No.	Male Half Dust Cap Part No.
04	9/16-18	FD89-1004-6-4	FD89-1005-6-4	FD89-1009-4	FD89-1008-4
06	3/4-16	FD89-1004-8-6	FD89-1005-8-6	FD89-1009-6	FD89-1008-6-6
06	7/8-14	FD89-1004-10-6	FD89-1005-10-6	FD89-1009-6	FD89-1008-8-6
08	7/8-14	FD89-1004-10-8	FD89-1005-10-8	FD89-1009-8-8	FD89-1008-8-8
08	1-1/16-12	FD89-1004-12-8	FD89-1005-12-8	FD89-1009-12-8	FD89-1008-12-8
12	1-1/16-12	FD89-1004-12-12	FD89-1005-12-12	FD89-1009-12	FD89-1008-12
16	1-5/16-12	FD89-1004-16-16	FD89-1005-16-16	FD89-1009-16	FD89-1008-16
20	1-5/8-12	FD89-1004-20-20	FD89-1005-20-20	FD89-1009-20	FD89-1008-20
24	1-7/8-12	FD89-1004-24-24	FD89-1005-24-24	FD89-1009-24	FD89-1008-24
32	2½-12	FD89-1004-32-32	FD89-1005-32-32	FD89-1009-32	FD89-1008-32

5100 SERIES/LOW SPILL — CONNECT UNDER PRESSURE

•Practically no air inclusion — valve design eliminates air inclusion upon connection. •Practically no fluid spillage — valve design also prevents fluid spillage during disconnection. •Connects under pressure — utilizes mechanical advantage to connect against line pressure. •Completely serviceable — all components can be replaced. •Variety of sizes and models — the 5100 Series Coupling gives a choice of four basic designs adaptable to most industrial applications. •Wing or hex nut styles available — wing nut is used for quick connection, hex nut for confined spaces. •Bulkhead mounting — steel flange available for bulkhead mounting. •Field proven — extensive usage has made the 5100 Series Coupling an accepted standard for many applications. This all purpose coupling is designed for use with most industrial fluids including hydraulic fluids, lubricating oils, and air. Modified versions are also available for many other applications, i.e., gasoline, diesel fuel, chlorobromo methane, and water. Further information on design, installations, and applications furnished upon request.
Basic material: Brass bodies with steel mounting flange and malleable iron wing nut or steel hex nut.

Pipe Size	Complete Coupling Part No.	Male Half Part No.	Female Half Part No.	Dust Cap Part No.	Dust Plug Part No.
1/4"	5101-6	5100-S2-6	5100-S5-6	5100-S7-8	5100-S9-8
3/8"	5101-8	5100-S2-8	5100-S5-8	5100-S7-8	5100-S9-8
1/2"	5101-10	5100-S2-10	5100-S5-10	5100-S7-12	5100-S9-12
3/4"	5101-12	5100-S2-12	5100-S5-12	5100-S7-12	5100-S9-12
1"	5101-16	5100-S2-16	5100-S5-16	5100-S7-16	5100-S9-16
1¼"	5101-20	5100-S2-20	5100-S5-20	5100-S7-20	5100-S9-20
1½"	5101-24	5100-S2-24	5100-S5-24	5100-S7-24	5100-S9-24

with wing nut, less flange

male coupling half (less flange)

female coupling half with wing nut and snap ring

dust cap with chain

dust plug with chain

5100 SERIES COUPLING PARTS

Coupling Part No.	Repair Kit Part No.	Wing Nut Part No.	Hex Nut Part No.
5101-6	FF098-8	5100-25-8	5110-25-8
5101-8	FF098-8	5100-25-8	5110-25-8
5101-10	FF098-12	5100-25-12	5110-25-12
5101-12	FF098-12	5100-25-12	5110-25-12
5101-16	FF098-16	6-5100-25-16	5110-25-16
5101-20	FF098-20	6-5100-25-20	5110-25-20
5101-24	FF098-24	-	5110-25-24

5600 PUSH-PULL with pipe threads

Dust Cap

BREAKAWAY FRAME
Part No. 5603
(used with -8-10,-12-10 sizes only)

5650 PUSH-PULL Thread together connect under pressure with pipe threads

5600 SERIES/HYDRAULIC & FLUID TRANSFER COUPLING

The 5600 Series general purpose coupling features a PUSH-PULL™ latch and poppet valving in a low profile design. It is a favourite in North America and abroad.

- Push-Pull ball latch design allows quick and easy connection and disconnection of fluid lines.
- Self-sealing poppet valve provides excellent high and low pressure sealing.
- Conforms dimensionally to ISO standard 7241/1 Series A.
- Streamlined valving provides minimum pressure drop.
- Standard seal materials — Buna-N, EPR, and Viton.
- Standard body material — zinc plated steel with zinc poppet guides. (Brass poppet guide in -4 size.)

Pipe Size	Complete Coupling Part No.	Male Tip Part No.	Female Body Part No.	Dust Cap Part No.	Dust Plug Part No.
1/8"	5600-2-4	5602-2-4	5601-2-4	5657-4	5659-4
1/4"	5600-4-4	5602-4-4	5601-4-4	5657-4	5659-4
3/8"	5600-6-6	5602-6-6	5601-6-6	5657-6	5659-6
1/2"	5600-8-10	5602-8-10	5601-8-10	5657-10	5659-10
3/4"	5600-12-10	5602-12-10	5601-12-10	5657-10	5659-10
3/4"	5600-12-12	5602-12-12	5601-12-12	5657-12	5659-12
1"	5600-16-16	5602-16-16	5601-16-16	5657-16	5659-16
CONNECT UNDER PRESSURE STYLE					
1/2"	5650-8-10	5602-8-10	5651-8-10	5657-10	5659-10
3/4"	5650-12-10	5602-12-10	5651-12-10	5657-10	5659-10

FD69 SERIES ARC LATCH™ — HIGH PRESSURE WATER BLAST (10,000 PSI)

The FD69 Series "Arc Latch" design has a greater surface contact area for long service life in rugged high pressure and water blast applications. The maximum operating pressure is 10,000 psi with 40,000 psi minimum burst pressure. Safety sleeve lock guards against accidental disconnection. Smooth bore "straight through" design for high flow. Heavy duty back-up ring to prevent o-ring extrusion. Standard seal material — Buna-N. Standard body material — zinc plated steel. -8 coupling size.

Part No. FD69-1002-6-8, Male half, female pipe, 3/8-18 thread.
Part No. FD69-1002-8-8, Male half, female pipe, 1/2-14 thread.

Part No. FD69-1001-6-8, Female half, female pipe, 3/8-18 thread.
Part No. FD69-1001-8-8, Female half, female pipe, 1/2-14 thread.

FD90 SERIES/SAE J1502 INTERCHANGE

The FD90 Series diagnostic coupling is designed to connect and disconnect pressure gauges to hydraulic systems, eliminating the need for permanent gauges. The maximum operating pressure is 7,000 psi. Automatic sleeve for one hand push-to-connect operation. Flush face valving provides minimal fluid loss and low air inclusion. Self-sealing valve design allows connection and disconnection at 500 psi. Broad range of end configurations for system accessibility. Standard seal material — Buna-N. Standard seal material — zinc plated steel. -4 coupling size.

Part No. FD90-1034-2-4, Male half, female pipe/valved, 1/8-27 thread.
Part No. FD90-1034-4-4, Male half, female pipe/valved, 1/4-18 thread.

Part No. FD90-1044-3-4, Male half, male SAE o-ring/valved, 3/8-24 thread.
Part No. FD90-1044-4-4, Male half, male SAE o-ring/valved, 7/16-20 thread.
Part No. FD90-1044-5-4, Male half, male SAE o-ring/valved, 1/2-20 thread.
Part No. FD90-1044-6-4, Male half, male SAE o-ring/valved, 9/16-18 thread.

Part No. FD90-1012-2-4, Male half, male pipe/valved, 1/8-27 thread.
Part No. FD90-1012-4-4, Male half, male pipe/valved, 1/4-18 thread.

Part No. FD90-1046-6-4, Male half, metric male o-ring/valved, M14 x 1.5 thread.

Part No. FD90-1021-2-4, Female half, female pipe/valved, 1/8-27 thread.
Part No. FD90-1021-4-4, Female half, female pipe/valved, 1/4-18 thread.

Part No. FD90-1041-4-4, Female half, female SAE o-ring/valved, 7/16-20 thread.

Part No. FD90-1040-4, Dust cap for male halves.

EATON | Aeroquip

N Series — Full Flow, Interchangeable Couplings

•MIL-C-3486 interchange designed for use in compressed air service where full flow and medium duty performance is desired. •Applications: Pneumatic impact tools, low pressure fluid transfer, plant air/gas, general purpose air handling requiring high flow. •Interchange guide: MIL-C-3486; National "Series B"; Bowes.

SOCKETS — MALE PIPE THREAD

Body Size	Material			End Size
	Brass	Steel	Stainless	
1/2	4NM3B	4NM3	-	3/8-18
1/2	4NM4B	4NM4	-	1/2-14
1/2	4NM6B	4NM6	4NM6S	3/4-14

SOCKETS — COLLAR HOSE BARB

Body Size	Material			End Size (Hose I.D)
	Brass	Steel	Stainless	
1/2	4NS3B	-	-	3/8
1/2	4NCS4B	4NCS4	-	1/2
1/2	4NCS6B	4NCS6	4NCS6S	3/4

SOCKETS — FEMALE PIPE THREAD

Body Size	Material			End Size
	Brass	Steel	Stainless	
1/2	4NF3B	4NF3	-	3/8-18
1/2	4NF4B	4NF4	-	1/2-14
1/2	4NF6B	4NF6	4NF6S	3/4-14

PLUGS — MALE PIPE THREAD

Body Size	Material			End Size
	Brass	Steel	Stainless	
1/2	N4M3B	N4M3	-	3/8-18
1/2	N4M4B	N4M4	-	1/2-14
1/2	N4M6B	N4M6	N4M6S	3/4-14

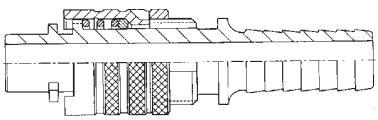
PLUGS — COLLAR HOSE BARB

Body Size	Material			End Size
	Brass	Steel	Stainless	
1/2	N4S3B	N4S3	-	3/8
1/2	N4CS4B	N4CS4	-	1/2
1/2	N4CS6B	N4CS6	N4CS6S	3/4

PLUGS — FEMALE PIPE THREAD

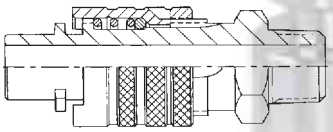
Body Size	Material			End Size
	Brass	Steel	Stainless	
1/2	N4F3B	N4F3	-	3/8-18
1/2	N4F4B	N4F4	-	1/2-14
1/2	N4F6B	N4F6	N4F6S	3/4-14

PLUGS (W/ SLEEVE LOCKING RING) — COLLAR HOSE BARB



Body Size	Material			End Size (Hose I.D)
	Brass	Steel	Stainless	
1/2	N4CS4BLS	N4CS4LS	-	1/2
1/2	N4CS6BLS	N4CS6LS	N4CS6SLS	3/4

PLUGS (W/ SLEEVE LOCKING RING) — MALE PIPE THREAD



Body Size	Material			End Size
	Brass	Steel	Stainless	
1/2	N4M4BLS	N4M4LS	-	1/2-14
1/2	N4M6BLS	N4M6LS	N4M6SLS	3/4-14

P Series — Full Flow, Interchangeable Couplings

•National/Thor industrial interchange designed for use in compressed air service where full flow and heavy duty performance is desired. •Applications: Pneumatic impact tools, low pressure fluid transfer, general purpose air handling requiring high flow. •Interchange guide: National "Series A"; Thor "Safety Coupling".

COUPLINGS (W/ SLEEVE) — COLLAR HOSE BARB

Body Size	Material		End Size (Hose I.D)
	Brass	Steel	
1/2	-	4PS3	3/8
1/2	-	4PCS4	1/2
1/2	4PCS6B	4PCS6	3/4
1/2	4PS8B	4PS8	1

COUPLINGS (W/ SLEEVE) — MALE PIPE THREAD

Body Size	Material	End Size
	Steel	
1/2	4PM3	3/8-18
1/2	4PM4	1/2-14
1/2	4PM6*	3/4-14

*Two piece design with thread adapter, 1.13 hex

COUPLINGS (W/ SLEEVE) — FEMALE PIPE THREAD

Body Size	Material		End Size
	Steel	Stainless	
1/2	4PF4	-	1/2-14
1/2	4PF6	4PF6S	3/4-14

COUPLINGS — MALE PIPE THREAD

Body Size	Material			End Size
	Brass	Steel	Stainless	
1/2	-	P4M3	-	3/8-18
1/2	-	P4M4	-	1/2-14
1/2	P4M6B	P4M6	P4M6S	3/4-14
1/2	P4M8B	P4M8	-	1-11-1/2

COUPLINGS — FEMALE PIPE THREAD

Body Size	Material		End Size
	Steel	Stainless	
1/2	P4F3	-	3/8-18
1/2	P4F4	-	1/2-14
1/2	P4F6	P4F6S	3/4-14
1/2	P4F8	-	1-11-1/2

SLEEVE LOCKING KEY

Part No. 4P-CLIP.

REPLACEMENT SEALS

Part No. 4P-SKIT, Buna-N.
Part No. F-4P-SKIT, Viton.

H Series — Double Shut-off, Interchangeable Couplings

•Widely used ISO 7241-B Interchange. This product is used in a broad variety of applications where a heavy duty double shut-off coupling is desired. •Applications: General purpose hydraulic service, oil, water, chemical, steam, gas, vacuum. •Interchange guide: ISO 7241-B; Snap-tite 72; Hansen HK; Parker 60; Faster HNV; Aeroquip FD45.

SOCKETS — FEMALE THREAD

Body Size	Material			Thread Configuration		
	Brass	Steel	Stainless	NPTF	ORB	BSPP
1/8	1HF1-B	1HF1	1HF1-S	1/8-27	-	-
1/4	2HF2-B	2HF2	2HF2-S	1/4-18	-	-
1/4	-	2HOF3	2HOF3-S	-	9/16-18	-
1/4	2HBF2-B	2HBF2	-	-	-	1/4-19
3/8	3HF3-B	3HF3	3HF3-S	3/8-18	-	-
3/8	-	3HOF4	3HOF4-S	-	3/4-16	-
3/8	3HBF3-B	3HBF3	-	-	-	3/8-19
1/2	4HF4-B	4HF4	4HF4-S	1/2-14	-	-
1/2	-	4HOF5	4HOF5-S	-	7/8-14	-
1/2	4HBF4-B	4HBF4	-	-	-	1/2-14
3/4	6HF6-B	6HF6	6HF6-S	3/4-14	-	-
3/4	-	6HOF6	6HOF6-S	-	1-1/16-12	-
3/4	6HBF6-B	6HBF6	-	-	-	3/4-14
1	8HF8-B	8HF8	8HF8-S	1-11½	-	-
1	-	8HOF8	8HOF8-S	-	1-5/16-12	-
1	8HBF8-B	8HBF8	-	-	-	1-11
1¼	10HF10-B	10HF10	10HF10-S	1¼-11½	-	-
1¼	-	10HBF10	10HBF10-S	-	-	1¼-11
1½	12HF12-B	12HF12	12HF12-S	1½-11½	-	-
1½	-	12HBF12	12HBF12-S	-	-	1½-11

PLUGS — FEMALE THREAD

Body Size	Material			Thread Configuration		
	Brass	Steel	Stainless	NPTF	ORB	BSPP
1/8	H1F1-B	H1F1	H1F1-S	1/8-27	-	-
1/4	H2F2-B	H2F2	H2F2-S	1/4-18	-	-
1/4	-	H2OF3	H2OF3-S	-	9/16-18	-
1/4	H2BF2-B	H2BF2	-	-	-	1/4-19
3/8	H3F3-B	H3F3	H3F3-S	3/8-18	-	-
3/8	-	H3OF4	H3OF4-S	-	3/4-16	-
3/8	H3BF3-B	H3BF3	-	-	-	3/8-19
1/2	H4F4-B	H4F4	H4F4-S	1/2-14	-	-
1/2	-	H4OF5	H4OF5-S	-	7/8-14	-
1/2	H4BF4-B	H4BF4	-	-	-	1/2-14
3/4	H6F6-B	H6F6	H6F6-S	3/4-14	-	-
3/4	-	H6OF6	H6OF6-S	-	1-1/16-12	-
3/4	H6BF6-B	H6BF6	-	-	-	3/4-14
1	H8F8-B	H8F8	H8F8-S	1-11½	-	-
1	-	H8OF8	H8OF8-S	-	1-5/16-12	-
1	H8BF8-B	H8BF8	-	-	-	1-11
1¼	H10F10-B	H10F10	H10F10-S	1¼-11½	-	-
1¼	-	H10BF10	H10BF10-S	-	-	1¼-11
1½	H12F12-B	H12F12	H12F12-S	1½-11½	-	-
1½	-	H12BF12	H12BF12-S	-	-	1½-11

DUST CAPS & PLUGS

Perfecting offers a full range of elastomer dust caps and plugs for H Series couplings. These should be used as standard equipment on most installations.

Body Size	Dust Cap For Plugs	Dust Plug For Sockets
1/8	H1-DC	1H-DP
1/4	H2-DC	2H-DP
3/8	H3-DC	3H-DP
1/2	H4-DC	4H-DP
3/4	H6-DC	6H-DP
1	H8-DC	8H-DP
1½	H12-ADC*	12H-ADP*

*Made from machined aluminum.

SOCKETS (STEAM SERVICE) — FEMALE THREAD

Note: The sockets above come equipped with special compound EPDM seals for steam service and zinc plated steel flanged sleeves. To order brass plugs for steam service with the same special compound EPDM seal, designate as HS2F2-B, HS3F3-B, HS4F4-B, HS6F6-B, or HS8F8-B.

Body Size	Material	Thread Config.
	Brass	NPTF
1/4	2HSF2-B	1/4-18
3/8	3HSF3-B	3/8-18
1/2	4HSF4-B	1/2-14
3/4	6HSF6-B	3/4-14
1	8HSF8-B	1-11½

K Series — Double Shut-Off, Interchangeable Couplings

•Popular ISO 7241-A Interchange. This product is used in a wide variety of general purpose, medium duty, double shut-off applications. •Applications: Agricultural implements, chemical, fuel, and oil, fluid transfer and dynamic impulse, vacuum, test stands, steel mills, stamp and press operations, general purpose hydraulic service. •Interchange guide: ISO 7241-A; Snap-tite 61; Hansen IA; Parker 6600; Faster ANV; Aeroquip FD56 (5600).

SOCKETS — FEMALE THREAD

Body Size	Material	Thread Configuration		
	Steel	NPTF	ORB	BSPP
1/4	2KF2	1/4-18	-	-
1/4	2KBF2	-	-	1/4-19
3/8	3KF3	3/8-18	-	-
3/8	3KOF3	-	9/16-18	-
3/8	3KBF3	-	-	3/8-19
1/2	4KF4	1/2-14	-	-
1/2	4KOF4	-	3/4-16	-
1/2	4KBF4	-	-	1/2-14
3/4	6KF6	3/4-14	-	-
3/4	6KOF6	-	1-1/16-12	-
3/4	6KBF6	-	-	3/4-14
1	8KF8	1-11½	-	-
1	8KOF8	-	1-5/16-12	-
1	8KBF8	-	-	1-11

PLUGS — FEMALE THREAD

Body Size	Material	Thread Configuration		
	Steel	NPTF	ORB	BSPP
1/4	K2F2	1/4-18	-	-
1/4	K2BF2	-	-	1/4-19
3/8	K3F3	3/8-18	-	-
3/8	K3OF3	-	9/16-18	-
3/8	K3BF3	-	-	3/8-19
1/2	K4F4	1/2-14	-	-
1/2	K4OF4	-	3/4-16	-
1/2	K4BF4	-	-	1/2-14
3/4	K6F6	3/4-14	-	-
3/4	K6OF6	-	1-1/16-12	-
3/4	K6BF6	-	-	3/4-14
1	K8F8	1-11½	-	-
1	K8OF8	-	1-5/16-12	-
1	K8BF8	-	-	1-11

DUST CAPS & PLUGS

Perfecting offers a full range of elastomer dust caps and plugs for K Series couplings. These should be used as standard equipment on most installations.

Body Size	Dust Cap For Plugs	Dust Plug For Sockets
1/4	K2-DC	2K-DP
3/8	K3-DC	3K-DP
1/2	K4-DC	4K-DP
3/4	K6-DC	6K-DP
1	K8-DC	8K-DP

V Series — Double Shut-Off, Interchangeable Couplings

•The V Series is designed to interchange with the Snap-tite H Series. The product is used in applications where high flow and a variety of end configurations is desired. •Applications: General purpose hydraulic service (including impulse), petrochemical, water, chemical, gas. •Interchange guide: Snap-tite H; Faster TNV.

SOCKETS (VALVED) — FEMALE THREAD

Body Size	Material	Thread Configuration		
	Steel	NPTF	ORB	BSPP
1/4	2VF2	1/4-18	-	-
1/4	2VOF2	-	7/16-20	-
1/4	2VBF2	-	-	1/4-19
3/8	3VF3	3/8-18	-	-
3/8	3VOF3	-	9/16-18	-
3/8	3VBF3	-	-	3/8-19
1/2	4VF4	1/2-14	-	-
1/2	4VOF4	-	3/4-16	-
1/2	4VBF4	-	-	1/2-14
3/4	6VF6	3/4-14	-	-
3/4	6VOF6	-	1-1/16-12	-
3/4	6VBF6	-	-	3/4-14
1	8VF8	1-11½	-	-
1	8VOF8	-	1-5/16-12	-
1	8VBF8	-	-	1-11
1¼	10VF10	1¼-11½	-	-
1¼	10VBF10	-	-	1¼-11
1½	12VF12	1½ -11½	-	-
1½	12VBF12	-	-	1½-11
2	16VF16	2-11½	-	-
2	16VBF16	-	-	2-11

PLUGS (VALVED) — FEMALE THREAD

Body Size	Material	Thread Configuration		
	Steel	NPTF	ORB	BSPP
1/4	V2F2	1/4-18	-	-
1/4	V2OF2	-	7/16-20	-
1/4	V2BF2	-	-	1/4-19
3/8	V3F3	3/8-18	-	-
3/8	V3OF3	-	9/16-18	-
3/8	V3BF3	-	-	3/8-19
1/2	V4F4	1/2-14	-	-
1/2	V4OF4	-	3/4-16	-
1/2	V4BF4	-	-	1/2-14
3/4	V6F6	3/4-14	-	-
3/4	V6OF6	-	1-1/16-12	-
3/4	V6BF6	-	-	3/4-14
1	V8F8	1-11½	-	-
1	V8OF8	-	1-5/16-12	-
1	V8BF8	-	-	1-11
1¼	V10F10	1¼-11½	-	-
1¼	V10BF10	-	-	1¼-11
1½	V12F12	1½-11½	-	-
1½	V12BF12	-	-	1½-11
2	V16F16	2-11½	-	-
2	V16BF16	-	-	2-11

SOCKETS (VALVED) — MALE THREAD

Body Size	Material	Thread Config.
	Steel	NPTF
1/4	2VM2	1/4-18
3/8	3VM3	3/8-18
1/2	4VM4	1/2-14
3/4	6VM6	3/4-14
1	8VM8	1-11½
1¼	10VM10	1¼-11½
1½	12VM12	1½-11½
2	16VM16	2-11½

PLUGS (VALVED) — MALE THREAD

Body Size	Material	Thread Config.
	Steel	NPTF
1/4	V2M2	1/4-18
3/8	V3M3	3/8-18
1/2	V4M4	1/2-14
3/4	V6M6	3/4-14
1	V8M8	1-11½
1¼	V10M10	1¼-11½
1½	V12M12	1½-11½
2	V16M16	2-11½

W Series — Double Shut-Off, Interchangeable Couplings

•The W Series is designed to interchange with the Aeroquip 5100 Series. The coupling is used in heavy duty applications where low air inclusion, fluid loss, and connect under pressure are desired. •Applications: Mobile hydraulic, transportation, chemical, fuel, oil, or water, steam and gas, fluid transfer, vacuum, off shore oil, general purpose hydraulic service. •Interchange guide: Parker 6100; Faster FB; Aeroquip 5100; Snap-tite 78.

SOCKETS — FEMALE THREAD

Body Size	Material	Thread Config.
	Steel	NPTF
3/4	6WF4-B	1/2-14
3/4	6WF6-B	3/4-14
1	8WF8-B	1-11½
1¼	10WF10-B	1¼-11½

PLUGS — FEMALE THREAD

Body Size	Material	Thread Config.
	Steel	NPTF
3/4	W6F4-B	1/2-14
3/4	W6F6-B	3/4-14
1	W8F8-B	1-11½
1¼	W10F10-B	1¼-11½

BULKHEAD MOUNTING FLANGES

Body Size	Steel	Bolt Hole A	Bolt Circle B
3/4	W6-BMF	.201	2.13
1	W8-BMF	.201	2.38
1¼	W10-BMF	.201	2.63

HT Series — Double Shut-Off, Interchangeable Couplings

•HTMA interchange (3/8 size only), medium duty design, for applications where low air inclusion and fluid loss are desirable. •Applications: Mobile hydraulic tools, fluid transfer and dynamic impulse, railway and construction maintenance industries, public utility (hoists) hydraulic applications, general purpose hydraulic service. •Interchange guide: HTMA (Hydraulic Tool Manufacturer's Association) and NFPA T3.20.15; Aeroquip FD49 (3/8" only); Parker FF (3/8" only); Hansen FF (3/8" only).

SOCKETS — FEMALE THREAD

Body Size	Material	Thread Config.
	Steel	NPTF
3/8	3HTF3	3/8-18
3/8	3HTF4	1/2-14
3/4	6HTF6	3/4-14
1	8HTF8	1-11½

PLUGS — FEMALE THREAD

Body Size	Material	Thread Config.
	Steel	NPTF
3/8	HT3F3	3/8-18
3/8	HT3F4	1/2-14
3/4	HT6F6	3/4-14
1	HT8F8	1-11½

PERFECTING COUPLINGS

ST Series — Automatic Connect

•Flat face design prevents air inclusion and fluid loss. •Grooved sleeves for versatility and bulkhead mounting. •Superior flow and pressure capability. •Fully interchange-Series Generation 3 couplings.

COUPLER — FEMALE THREAD

Body Size	Material	Thread Config.
	Steel	NPTF
3/4	6STF6	3/4-14
1	8STF8	1-11½

NIPPLES — FEMALE THREAD

Body Size	Material	Thread Config.
	Steel	NPTF
3/4	ST6F6	3/4-14
1	ST8F8	1-11½

T Series — Double Shut-Off, Interchangeable Couplings

•Hydraulic ram coupling, screw together heavy duty design, for applications where high pressure capability is desired. •Applications: Fluid transfer and dynamic impulse, portable hydraulic rams or jacks, hydraulic test stands and pumps. •Interchange guide: Parker 3000; Enerpac C604; Faster PVV.

METAL SCREW-TYPE PLUG FOR SOCKETS
Part No. 2T-DP, 1/4 body size.
Part No. 3T-DP, 3/8 body size.

METAL SCREW-TYPE DUST CAP FOR PLUGS
Part No. T2-DC, 1/4 body size.
Part No. T3-DC, 3/8 body size.

SOCKETS — MALE THREAD

Body Size	Material	Thread Config.
	Steel	NPTF
1/4	2TM2	1/4-18
3/8	3TM3	3/8-18

PLUGS — FEMALE THREAD

Body Size	Material	Thread Config.
	Steel	NPTF
1/4	T2F2	1/4-18
3/8	T3F3	3/8-18

WS Series — High Pressure Wingstyle

Performance Specifications	Operating Bar (PSI)	Coupled Burst Bar (PSI)	Flow Rate
3/4" Steel	345 (5000)	1380 (20,000)	102 LPM (27 GPM)
1" Steel	345 (5000)	1380 (20,000)	170 LPM (45 GPM)
1¼" Steel	345 (5000)	1035 (15,000)	265 LPM (70 GPM)
1½" Steel	345 (5000)	1035 (15,000)	416 LPM (110 GPM)
2" Steel	345 (5000)	1035 (15,000)	908 LPM (240 GPM)

•Sleeve is cast using a unique process that provides better surface finishes, tighter tolerance control, and excellent repeatability.
•Heavy duty hammer lugs are designed to provide optimum durability during connection and disconnection.
•Seals are easily field replaceable, including the valve seal, which can be replaced without having to replace the entire valve.
•WS-Series couplings comply with applicable Det Norske Veritas North Sea standards for coupling applications.
•Unique 'Initial-Thread' profile will ensure nipple longevity in the toughest environments.

COUPLER — FEMALE THREAD

Body Size	Material	Thread Config.
	Steel	NPTF
3/4"	6WSF6	3/4"-14
1"	8WSF8	1"-11½
1¼"	10WSF10	1¼"- 11½
1½"	12WSF12	1½"- 11½
2"	16WSF16	2"- 11½

NIPPLE — FEMALE THREAD

Body Size	Material	Thread Config.
	Steel	NPTF
3/4"	WS6F6	3/4"-14
1"	WS8F8	1"-11½
1¼"	WS10F10	1¼"- 11½
1½"	WS12F12	1½"- 11½
2"	WS16F16	2"- 11½

COUPLER — RIGID DUST PLUG

•Cap Lanyard: Steel Chain •Body Material: Aluminum

Body Size	Part No.
3/4"	6WSDP-A
1"	8WSDP-A
1¼"	10WSDP-A
1½"	12WSDP-A
2"	16WSDP-A

NIPPLE — RIGID DUST CAP

•Cap Lanyard: Steel Chain •Body Material: Aluminum

Body Size	Part No.
3/4"	WS6DC-A
1"	WS8DC-A
1¼"	WS10DC-A
1½"	WS12DC-A
2"	WS16DC-A

SEAL KITS

•Includes: Body seal, Teflon™ Back-up and nitrile valve seal.

Body Size	Part No.
3/4"	6WS-SKIT
1"	8WS-SKIT
1¼"	10WS-SKIT
1½"	12WS-SKIT
2"	16WS-SKIT

WS Series — Blowout Prevention Safety Coupling

Performance Specifications	Operating Bar (PSI)	Coupled Burst Bar (PSI)	Flow Rate
3/4" Steel	345 (5000)	1380 (20,000)	102 LPM (27 GPM)
1" Steel	345 (5000)	1380 (20,000)	170 LPM (45 GPM)
1¼" Steel	345 (5000)	1035 (15,000)	265 LPM (70 GPM)
1½" Steel	345 (5000)	1035 (15,000)	416 LPM (110 GPM)
2" Steel	345 (5000)	1035 (15,000)	908 LPM (240 GPM)

•Fire tested and certified to 700°C for 5 minutes in accordance with EUB Directive 36: Drilling Blowout Prevention (Certificate #C26959).
•Designed for hazardous area service where couplings are required to operate under fire conditions in an emergency.
•Sleeve is cast using a unique process that provides better surface finishes, tighter tolerance control, and excellent repeatability.
•Blowout Prevention Couplings are individually marked with the BOP series designation and manufacturing date code.

BLOWOUT NIPPLE — FEMALE THREAD

Body Size	Material	Thread Config.
	Steel	NPTF
3/4"	WS6F6-BOP	3/4"-14
1"	WS8F8-BOP	1"-11½
1¼"	WS10F10-BOP	1¼"- 11½
1½"	WS12F12-BOP	1½"- 11½
2"	WS16F16-BOP	2"- 11½

***BLOWOUT* COUPLER — FEMALE THREAD**

Body Size	Material	Thread Config.
	Steel	NPTF
3/4"	6WSF6-BOP	3/4"-14
1"	8WSF8-BOP	1"-11½
1¼"	10WSF10-BOP	1¼"- 11½
1½"	12WSF12-BOP	1½"- 11½
2"	16WSF16-BOP	2"- 11½

E Series — Full Flow, Interchangeable Couplings

•"Straight-Thru" Industrial interchange, for fluid transfer applications where unrestricted flow and high operating pressures are desired. •Applications: Pressure washer, water/soap transfer, general fluid transfer. •Interchange guide: Parker ST; Hansen ST.

SOCKETS — FEMALE PIPE THREAD

Body Size	Material		End Size
	Brass*	Stainless	
1/8	1EF1-B	1EF1-S	1/8-27
1/4	2EF2-B	2EF2-S	1/4-18
3/8	3EF3-B	3EF3-S	3/8-18
1/2	4EF4-B	4EF4-S	1/2-14
3/4	6EF6-B	6EF6-S	3/4-14
1	8EF8-B	8EF8-S	1-11½
1¼	10EF10-B	-	1¼-11½
1½	12EF12-B	-	1½-11½
2	16EF16-B	-	2-11½

*E Series 1¼ through 2 body size brass sockets are built standard with zinc plated steel sleeves.

PLUGS — FEMALE PIPE THREAD

Body Size	Material			End Size
	Brass	Steel	Stainless	
1/8	E1F1-B	E1F1	E1F1-S	1/8-27
1/4	E2F2-B	E2F2	E2F2-S	1/4-18
3/8	E3F3-B	E3F3	E3F3-S	3/8-18
1/2	E4F4-B	E4F4	E4F4-S	1/2-14
3/4	E6F6-B	E6F6	E6F6-S	3/4-14
1	E8F8-B	E8F8	E8F8-S	1-11½
1¼	E10F10-B	E10F10	-	1¼-11½
1½	E12F12-B	E12F12	-	1½-11½
2	E16F16-B	E16F16	-	2-11½

SOCKETS — MALE PIPE THREAD

Body Size	Material		End Size
	Brass*	Stainless	
1/8	1EM1-B	1EM1-S	1/8-27
1/4	2EM2-B	2EM2-S	1/4-18
3/8	3EM3-B	3EM3-S	3/8-18
1/2	4EM4-B	4EM4-S	1/2-14
3/4	6EM6-B	6EM6-S	3/4-14
1	8EM8-B	8EM8-S	1-11½

*E Series 1¼ through 2 body size brass sockets are built standard with zinc plated steel sleeves.

PLUGS — MALE PIPE THREAD

Body Size	Material			End Size
	Brass	Steel	Stainless	
1/8	E1M1-B	E1M1	E1M1-S	1/8-27
1/4	E2M2-B	E2M2	E2M2-S	1/4-18
3/8	E3M3-B	E3M3	E3M3-S	3/8-18
1/2	E4M4-B	E4M4	E4M4-S	1/2-14
3/4	E6M6-B	E6M6	E6M6-S	3/4-14
1	E8M8-B	E8M8	E8M8-S	1-11½
1¼	E10M10-B	E10M10	-	1¼-11½
1½	E12M12-B	E12M12	-	1½-11½
2	E16M16-B	E16M16	-	2-11½

SOCKETS — HOSE BAR

Body Size	Material	End Size
	Brass	
1/4	2ES2-B	1/4
3/8	3ES3-B	3/8
1/2	4ES4-B	1/2
3/4	6ES6-B	3/4
1	8ES8-B	1

PLUGS — HOSE BARB

Body Size	Material		End Size (Hose I.D)
	Brass	Steel	
1/4	E2S2-B	E2S2	1/4
3/8	E3S3-B	E3S3	3/8
1/2	E4S4-B	E4S4	1/2
3/4	E6S6-B	E6S6	3/4
1	E8S8-B	E8S8	1

HC Series — Full Flow, Interchangeable Couplings

•Specialty (garden hose) coupling, designed for low pressure fluid transfer use where economy and maximum flow are desirable. •Application: Low pressure washer systems, garden hose, agricultural, cleaning systems, general fluid transfer. •Interchange guide: Hansen GH.

COUPLER — FEMALE GARDEN HOSE THREAD

Body Size	Material	End Size
	Brass	
3/4	6HCFG6B	3/4-11-1/2 GH

PLUGS — MALE GARDEN HOSE THREAD

Body Size	Material	End Size
	Brass	
3/4	HC6MG6-B	3/4-11-1/2 GH

PIONEER
Hydraulic Quick Disconnect Couplings

4000 SERIES - GENERAL PURPOSE
The 4000 Series couplers are a rugged, general purpose coupling with a single acting sleeve. These couplers will only connect when the system is not operating or when all pressure has been relieved.

Complete Coupling #	Thread Size	Working Pressure	Male Tip #	Female Body #
4000-2	1/4" NPT	2200 lb.	4010-2	4050-2
4000-3	3/8" NPT	2500 lb.	4010-3	4050-3
4000-4	1/2" NPT	2500 lb.	8010-4	4050-4
4000-5	3/4" NPT	2500 lb.	8010-5	4050-5
4000-6	1" NPT	2000 lb.	4010-6	4050-6
4000-7	1¼" NPT	1000 lb.	4010-7	4050-7
4000-8	1½" NPT	1000 lb.	4010-8	4050-8
4000-15	3/4"-16 ORB	2500 lb.	8010-15	4050-15
4000-16P	7/8"-14 ORB	2500 lb.	8010-16	4050-16

3000 SERIES - EXTREME PRESSURE
The 3000 Series is designed for extreme high pressure applications found on portable hydraulic rams. These couplers use a threaded sleeve which mates with matching threads on the male tip.

Complete Coupling #	Thread Size	Working Pressure	Male Tip #	Female Body #
3000-2	1/4" NPT	10000 lb.	3010-2	3050-2
3000-3	3/8" NPT	10000 lb.	3010-3	3050-3

4100 SERIES - HIGH FLOW
The 4100 Series coupler has the same features as the 4000 Series except it offers a higher flow rate.

Complete Coupling #	Thread Size	Working Pressure	Male Tip #	Female Body #
4100-5	3/4" NPT	2000 lb.	4110-5	4150-5

8200 SERIES - CONNECT UNDER PRESSURE
The 8200 Series coupler is designed for use on either an open centre or closed centre hydraulic system that has a control valve. Featuring a double-acting sleeve permits easy one hand connection to a clamp mounted female body. The 8200 Series coupler will permit connection of the female body to the male tip while either or both halves are under pressure.

Complete Coupling #	Thread Size	Working Pressure	Male Tip #	Female Body #
8200-4	1/2" NPT	2500 lb.	8010-4	8250-4

5000 SERIES - CONNECT UNDER PRESSURE
The 5000 Series coupler is designed for applications where uncoupling or recoupling under trapped pressure is a requirement. No remote valving is required to connect under pressure.

Complete Coupling #	Thread Size	Working Pressure	Male Tip #	Female Body #
5000-4	1/2" NPT	2200 lb.	8010-4	5050-4

4200 SERIES - GENERAL PURPOSE
The 4200 Series coupler has the same features as the 4000 Series except it utilizes a double acting sleeve for one-handed connection when female body is clamp mounted.

Complete Coupling #	Thread Size	Working Pressure	Male Tip #	Female Body #
4200-4	1/2" NPT	2500 lb.	8010-4	4250-4

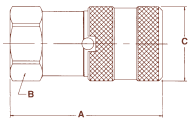
9200 SERIES - LEVER COUPLERS
The 9200 Series coupler is designed to work on many agricultural implements. The 9200 Series will connect or disconnect at zero pressure even with pressurized lines. These couplers come with colour coded levers to identify your raise and lower lines. These lever couplers are found OEM in many applications.

Female Body #	Handle Colour	Working Pressure	Male Tip #
9250-4R	Red	2500 lb.	8010-4

Non-Spill Quick Couplings

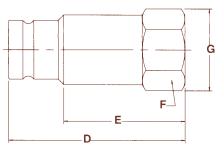
FF SERIES
Designed for the mobile equipment market and are used extensively on skid steer loaders. The non-spill feature eliminates hydraulic spillage and air inclusion when connecting or disconnecting hydraulic attachments. FF Series are also ideal for many other applications where hydraulic spillage is a concern and global interchangeability with other manufacturers is important.

COUPLERS



Part No.	Body Size (In.)	Thread Size	Dimensions (In.)		
			Overall Length (A)	Hex Size (B)	Largest Dia. (C)
FF-501-8FP	1/2	1/2-14 NPSF	2.67	1.37	1.58
FF-501-10FO	1/2	7/8-14 UNF	2.86	1.37	1.58
FF-751-12FO	3/4	1-1/16-12 UNF	3.73	1.75	1.94

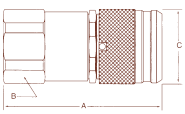
NIPPLES



Part No.	Body Size (In.)	Thread Size	Dimensions (In.)			
			Overall Length (D)	Exposed Length (E)	Hex Size (F)	Largest Dia. (G)
FF-502-8FP	1/2	1/2-14 NPSF	2.75	2.11	1.12	1.30
FF-502-10FO	1/2	7/8-14 UNF	2.97	2.29	1.12	1.30
FF-752-12FO	3/4	1-1/16-12 UNF	3.58	2.64	1.50	1.73

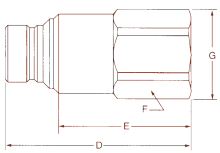
FE SERIES
These couplings were designed for the mobile equipment market and are used extensively on skid steer loaders. The non-spill feature eliminates hydraulic spillage and air inclusion when connecting or disconnecting hydraulic attachments. FE Series are ideal for many other applications where hydraulic spillage is a concern and global interchangeability with other manufacturers is important. Steel body; zinc plated with yellow chromate finish. Flush face valving; anti blow-out NBR nitrile with BFT seal.

COUPLERS



Part No.	Body Size (In.)	Thread Size	Dimensions (In.)		
			Overall Length (A)	Hex Size (B)	Largest Dia. (C)
FE-501-8FP-NL	1/2	1/2-14 NPSF	2.65	1.38	1.58
FE-501-12FO-NL	1/2	1-1/16-12 UNF	3.10	1.38	1.58
FE-621-12FO-NL	5/8	1-1/16-12 UNF	3.67	1.62	1.74

NIPPLES

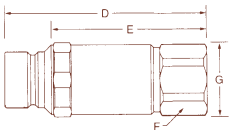


Part No.	Body Size (In.)	Thread Size	Dimensions (In.)			
			Overall Length (D)	Exposed Length (E)	Hex Size (F)	Largest Dia. (G)
FE-502-8FP	1/2	1/2-14 NPSF	2.77	1.96	1.25	1.38
FE-502-12FO	1/2	1-1/16-12 UNF	3.05	2.20	1.38	1.50
FE-622-12FO	5/8	1-1/16-12 UNF	3.40	2.60	1.50	1.65

Non-Spill Quick Couplings

FEC SERIES

Pioneer FEC Series nipples provide connect-under-residual pressure capability with up to 3625 psi of trapped pressure. These nipples are ideal for applications where residual pressure makes reconnection difficult. This series of nipples are commonly found on hydraulic attachments used in skid steer applications. Mates with FE and FF Series couplers.



Part No.	Body Size (In.)	Thread Size	Dimensions (In.)			
			Overall Length (D)	Exposed Length (E)	Hex Size (F)	Largest Dia. (G)
FEC-502-8FP	1/2	1/2-14 NPSF	3.50	2.68	1.125	1.22
FEC-502-10FO	1/2	7/8-14 UNF	3.50	2.68	1.125	1.22
FEC-502-12FO	1/2	1-1/16-12 UNF	3.79	2.97	1.500	1.65

Quick Coupling Accessories

QUICK COUPLING KITS

Part No. 8500-4, Contains 2 of the 8200-4 couplers along with 1 of the 5006-4 clamps and a set of dust plugs and caps.

Part No. 9500-4, Contains 2 of the 9250-4 bodies and 1 of the 9006-4 breakaway clamps and 1 set of automatic dust covers. *NOTE*: To complete this kit you must purchase 2 of the 8010-4 tips separately.

BREAKAWAY CLAMPS

Part No. 5001-4, Single breakaway clamp for 1/2" coupler bodies
Part No. 5006-4, Double breakaway clamp for 1/2" coupler bodies
Part No. 9006-4, Double breakaway clamp for 9200 Series lever couplers
Part No. 9507-4-IH, Nylon automatic dustcover kit for 9006-4 clamp

5001-4

5006-4

9006-4

METAL DUST CAPS & PLUGS

Part No. 3005-2, Dust plug to fit 3000-2 coupler
Part No. 3005-3, Dust plug to fit 3000-3 coupler
Part No. 3009-3, Dust cap to fit 3000-3 coupler
Part No. 5005-4, Dust plug to fit all 1/2" NPT coupler bodies
Part No. 5009-4, Dust cap to fit all 1/2" NPT coupler bodies

RUBBER DUST CAPS & PLUGS

Part No. 5205-2, Dust plug to fit 4000-2 coupler
Part No. 5205-3, Dust plug to fit 4000-3 coupler
Part No. 5205-4, Dust plug to fit all 1/2" coupler bodies
Part No. 5205-5, Dust plug to fit 4100-5 coupler
Part No. 5205-6, Dust plug to fit 4000-6 coupler
Part No. 5209-2, Dust cap to fit 4000-2 coupler
Part No. 5209-3, Dust cap to fit 4000-3 coupler
Part No. 5209-4, Dust cap to fit all 1/2" coupler tips
Part No. 5209-5, Dust cap to fit 4100-5 coupler
Part No. 5209-6, Dust cap to fit 4000-6 coupler

Adapters & Interchange Couplers

ADAPTERS

Part No. 4060-4, Adapts Pioneer male tip to John Deere female body
Part No. 4065-4, Adapts John Deere male tip to Pioneer female body
Part No. 4065-4LS, Adapts John Deere male tip to new Deere and Ford bodies
Part No. 4067-4, Adapts John Deere male tip to International Harvester bodies
Part No. 4068-4, Adapts John Deere male tip to old style J.I. Case bodies
Part No. 4070-4, Adapts Pioneer male tip to International Harvester female body
Part No. 4075-4L, Adapts International Harvester male tip to new Deere and Ford bodies
Part No. 4076-4, Adapts International Harvester male tip to John Deere female body
Part No. 4080-4, Adapts Pioneer male tip to old style J.I. Case female body
Part No. 4085-4, Adapts old style J.I. Case male tip to Pioneer female body

INTERCHANGE COUPLERS

Part No. 4056-4, 1/2" NPT John Deere female body
Part No. 4056-15, 3/4"-16 ORB John Deere female body
Part No. 4057-4, 1/2" NPT International Harvester female body
Part No. 5060-4, 1/2" NPT John Deere male tip
Part No. 5060-15, 3/4"-16 ORB John Deere male tip
Part No. 5070-4, 1/2" NPT International Harvester male tip
Part No. 5070-16, 7/8"-14 ORB International Harvester male tip
Part No. 5077-4, 1/2" NPT old style International Harvester male tip
Part No. 5077-16, 7/8"-14 old style International Harvester male tip
Part No. 5080-4, 1/2" NPT old style J.I. Case male tip

4060-4

4065-4

4065-4LS

4070-4

4080-4

4056-4

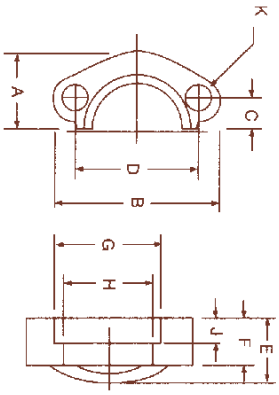
5077-16

5060-4

5070-4

ANCHOR FLANGE

All measurements are in inches



Split Flange - Code 61

Part No.	Flange Size (in.)	A ± .030	B ± .030	C ± .010	D ± .010	E ± .030	F ± .016	G ± .010	H ± .010	J ± .005	K ± .010	Working Press Max
12-SFO	.75	.98	2.56	.438	1.875	.88	.56	1.531	1.265	.245	.406	5000
16-SFO	1.00	1.11	2.75	.515	2.062	.94	.62	1.781	1.515	.295	.406	5000
20-SFO	1.25	1.39	3.12	.594	2.312	.88	.56	2.031	1.720	.295	.469	4000
24-SFO	1.50	1.58	3.69	.703	2.750	1.00	.62	2.406	2.000	.295	.531	3000
32-SFO	2.00	1.86	4.00	.844	3.062	1.03	.62	2.844	2.470	.355	.531	3000
40-SFO	2.50	2.09	4.50	1.000	3.500	1.50	.75	3.344	2.950	.355	.531	2500
48-SFO	3.00	2.53	5.31	1.219	4.188	1.62	.88	4.031	3.580	.355	.656	2000

Split Flange - Code 62

12-SFXO	.75	1.14	2.81	.469	2.000	1.12	.75	1.656	1.280	.325	.406	6000
16-SFXO	1.00	1.33	3.19	.547	2.250	1.31	.94	1.906	1.530	.355	.469	6000
20-SFXO	1.25	1.48	3.75	.625	2.625	1.50	1.06	2.156	1.750	.385	.531	6000
24-SFXO	1.50	1.83	4.44	.719	3.125	1.69	1.19	2.531	2.030	.475	.656	6000
32-SFXO	2.00	2.20	5.25	.875	3.812	2.06	1.44	3.156	2.660	.475	.781	6000

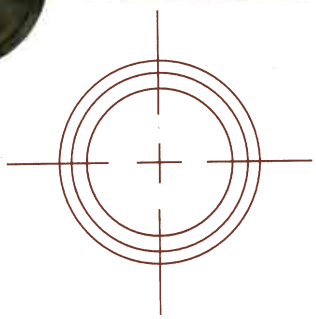
NEW

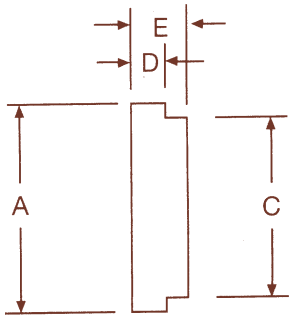
Flange Plug - Code 61

Part No.	SIZE	A	C	D	E
8-FOP	0.50	1.188	0.940	0.265	0.500
12-FOP	0.75	1.500	1.250	0.265	0.560
16-FOP	1.00	1.750	1.500	0.315	0.560
20-FOP	1.25	2.000	1.700	0.315	0.560
24-FOP	1.50	2.380	1.980	0.315	0.620
32-FOP	2.00	2.810	2.450	0.375	0.620

Flange Plug - Code 62

12-FOPX	0.75	1.625	1.250	0.345	0.687
16-FOPX	1.00	1.875	1.500	0.375	0.812
20-FOPX	1.25	2.125	1.718	0.405	1.000
24-FOPX	1.50	2.500	2.000	0.495	1.187
32-FOPX	2.00	3.125	2.625	0.495	1.500





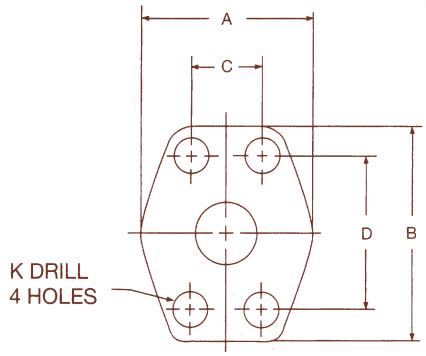
NEW

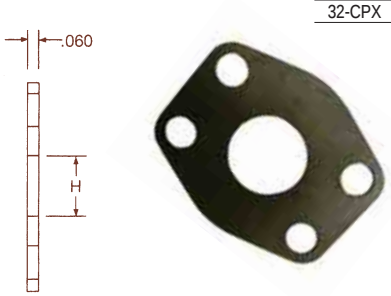
Connector Plate - Code 61

Part No.	SIZE	A	B	C	D	H	K Drill Dia.
8-CP	0.50	1.81	2.12	0.688	1.500	0.50	0.344
12-CP	0.75	2.06	2.56	0.875	1.875	0.75	0.406
16-CP	1.00	2.31	2.75	1.031	2.062	1.00	0.406
20-CP	1.25	2.88	3.12	1.188	2.312	1.25	0.469
24-CP	1.50	3.25	3.69	1.406	2.750	1.50	0.531
32-CP	2.00	3.81	4.00	1.688	3.062	2.00	0.531

Connector Plate - Code 62

12-CPX	0.75	2.38	2.81	0.937	2.000	0.750	0.406
16-CPX	1.00	2.75	3.19	1.093	2.250	1.000	0.469
20-CPX	1.25	3.06	3.75	1.250	2.625	1.250	0.531
24-CPX	1.50	3.75	4.44	1.437	3.125	1.500	0.656
32-CPX	2.00	4.50	5.25	1.750	3.812	2.000	0.781





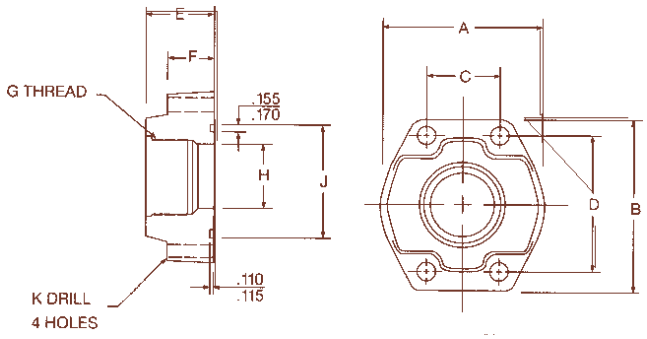
All measurements are in inches

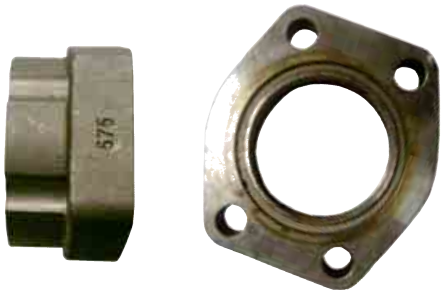
4 BOLT NPT THREAD FLANGES - Code 61 - 3000 PSI

Part No.	Pipe Size	Pad Size	A	B	C	D	E	F	G Thread NPTF	H	J Min.	J Max.	K Drill Dia.	K Tap UN-2B
W43-12-12U	.75	.75	2.06	2.56	.875	1.875	1.25	.84	.75	.75	1.250	1.255	.406	3/8-16
W43-16-16U	1.00	1.00	2.31	2.75	1.031	2.062	1.38	.97	1.00	1.00	1.560	1.565	.406	3/8-16
W43-20-20U	1.25	1.25	2.88	3.12	1.188	2.312	1.50	1.03	1.25	1.25	1.750	1.755	.469	7/16-14
W43-24-24U	1.50	1.50	3.25	3.69	1.406	2.750	1.62	1.09	1.50	1.50	2.115	2.125	.531	1/2-13
W43-32-32U	2.00	2.00	3.81	4.00	1.688	3.062	1.62	1.09	2.00	2.00	2.490	2.500	.531	1/2-13
W43-40-40U	2.50	2.50	4.28	4.50	2.000	3.500	2.00	1.47	2.50	2.50	2.995	3.005	.531	1/2-13
W43-48-48U	3.00	3.00	5.16	5.31	2.438	4.188	2.25	1.59	3.00	3.00	3.615	3.625	.656	5/8-11

4 BOLT NPT THREAD FLANGES - Code 62 - 6000 PSI

W44-12-12U	.75	.75	2.38	2.81	.937	2.00	1.25	.760	.75	.75	1.250	1.255	.406	3/8-16
W44-16-16U	1.00	1.00	2.75	3.19	1.093	2.25	1.50	.922	1.00	1.00	1.560	1.565	.469	7/16-14
W44-20-20U	1.25	1.25	3.06	3.75	1.25	2.625	1.50	.940	1.25	1.25	1.750	1.755	.531	1/2-13
W44-24-24U	1.50	1.50	3.75	4.44	1.437	3.125	1.75	.940	1.50	1.50	2.115	2.125	.656	5/8-11
W44-32-32U	2.00	2.00	4.50	5.25	1.75	3.812	1.75	.957	2.00	2.00	2.490	2.500	.781	3/4-10



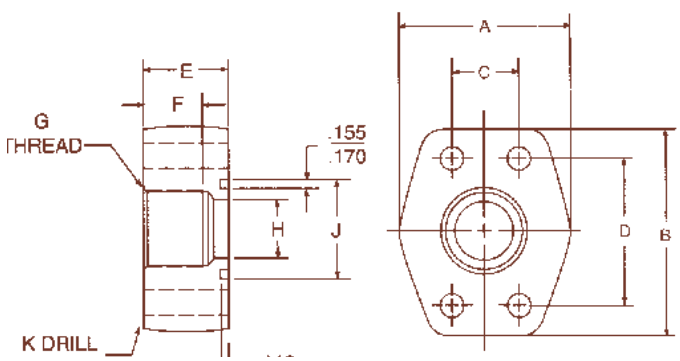


4 BOLT ORB STRAIGHT THREAD FLANGES - Code 61 - 3000 PSI

Part No.	ORB Size	Pad Size	A	B	C	D	E	F	G Straight Thread	H	J Min.	J Max.	K Drill Dia.	K Tap UN-2B
W46-12-12U	.75	.75	2.06	2.56	.875	1.875	1.25	.84	1-1/16-12	.75	1.250	1.255	.406	3/8-16
W46-16-16U	1.00	1.00	2.31	2.75	1.031	2.062	1.38	.97	1-5/16-12	1.00	1.560	1.565	.406	3/8-16
W46-20-20U	1.25	1.25	2.88	3.12	1.188	2.312	1.50	1.03	1-5/8-12	1.25	1.750	1.755	.469	7/16-14
W46-24-24U	1.50	1.50	3.25	3.69	1.406	2.750	1.62	1.09	1-7/8-12	1.50	2.115	2.125	.531	1/2-13

4 BOLT ORB STRAIGHT THREAD FLANGES - Code 62 - 6000 PSI

W48-12-12U	.75	.75	2.38	2.81	.937	2.00	1.25	.750	1-1/16-12	.75	1.250	1.255	.406	3/8-16
W48-16-16U	1.00	1.00	2.75	3.19	1.093	2.25	1.50	.750	1-5/16-12	1.00	1.560	1.565	.469	7/16-14
W48-20-20U	1.25	1.25	3.06	3.75	1.25	2.625	1.50	.750	1-5/8-12	1.25	1.750	1.755	.531	1/2-13
W48-24-24U	1.50	1.50	3.75	4.44	1.437	3.125	1.75	.750	1-7/8-12	1.50	2.115	2.125	.656	5/8-11
W48-32-32U	2.00	2.00	4.50	5.25	1.75	3.812	1.75	.750	2-1/2-12	2.00	2.490	2.500	.781	3/4-10



TL SERIES

•2500 psi, intermittent surge pressures to 5000 psi
•Standard - double acting cylinders

Part No.	Ship Weight	I.D. x Stroke	Dimension in inches between pin centres		Shaft Dia.	Port Size (NPT)
			Retracted	Extended		
20TL04	17	2" x 4"	14¼	18¼	1⅛"	⅜"
20TL06	18	2" x 6"	16¼	22¼	1⅛"	⅜"
20TL08	20	2" x 8"	20¼	28¼	1⅛"	⅜"
20TL10	21	2" x 10"	20¼	30¼	1⅛"	⅜"
20TL12	22	2" x 12"	22¼	34¼	1⅛"	⅜"
20TL14	24	2" x 14"	24¼	38¼	1⅛"	⅜"
20TL16	25	2" x 16"	26¼	42¼	1⅛"	⅜"
20TL18	26	2" x 18"	28¼	46¼	1⅛"	⅜"
20TL20	28	2" x 20"	30¼	50¼	1⅛"	⅜"
20TL24	30	2" x 24"	34¼	58¼	1⅛"	⅜"
20TL30	34	2" x 30"	40¼	70¼	1⅛"	⅜"
25TL04	18	2½" x 4"	14¼	18¼	1⅛"	⅜"
25TL06	20	2½" x 6"	16¼	22¼	1⅛"	⅜"
25TL08	22	2½" x 8"	20¼	28¼	1⅛"	⅜"
25TL10	23	2½" x 10"	20¼	30¼	1⅛"	⅜"
25TL12	24	2½" x 12"	22¼	34¼	1⅛"	⅜"
25TL14	26	2½" x 14"	24¼	38¼	1⅛"	⅜"
25TL16	28	2½" x 16"	26¼	42¼	1⅛"	⅜"
25TL18	31	2½" x 18"	28¼	46¼	1¼"	⅜"
25TL20	32	2½" x 20"	30¼	50¼	1¼"	⅜"
25TL24	35	2½" x 24"	34¼	58¼	1¼"	⅜"
25TL30	40	2½" x 30"	40¼	70¼	1¼"	⅜"
25TL36	45	2½" x 36"	46¼	82¼	1¼"	⅜"
30TL04	23	3" x 4"	14¼	18¼	1¼"	½"
30TL06	25	3" x 6"	16¼	22¼	1¼"	½"
30TL08	28	3" x 8"	20¼	28¼	1¼"	½"
30TL10	30	3" x 10"	20¼	30¼	1¼"	½"
30TL12	32	3" x 12"	22¼	34¼	1¼"	½"
30TL14	34	3" x 14"	24¼	38¼	1¼"	½"
30TL16	36	3" x 16"	26¼	42¼	1¼"	½"
30TL18	39	3" x 18"	28¼	46¼	1¼"	½"
30TL20	41	3" x 20"	30¼	50¼	1¼"	½"
30TL24	48	3" x 24"	34¼	58¼	1½"	½"
30TL30	55	3" x 30"	40¼	70¼	1½"	½"
30TL36	62	3" x 36"	46¼	82¼	1½"	½"
35TL04	30	3½" x 4"	14¼	18¼	1¼"	½"
35TL06	33	3½" x 6"	16¼	22¼	1¼"	½"
35TL08	36	3½" x 8"	20¼	28¼	1¼"	½"
35TL10	38	3½" x 10"	20¼	30¼	1¼"	½"
35TL12	41	3½" x 12"	22¼	34¼	1¼"	½"
35TL14	43	3½" x 14"	24¼	38¼	1¼"	½"
35TL16	46	3½" x 16"	26¼	42¼	1¼"	½"
35TL18	51	3½" x 18"	28¼	46¼	1½"	½"
35TL20	54	3½" x 20"	30¼	50¼	1½"	½"
35TL24	59	3½" x 24"	34¼	58¼	1½"	½"
35TL30	67	3½" x 30"	40¼	70¼	1½"	½"
35TL36	75	3½" x 36"	46¼	82¼	1½"	½"
40TL04	37	4" x 4"	14¼	18¼	1¼"	½"
40TL06	39	4" x 6"	16¼	22¼	1¼"	½"
40TL08	43	4" x 8"	20¼	28¼	1¼"	½"
639198	42	4" x 8"	18¼	26¼	1¼"	½"
40TL10	45	4" x 10"	20¼	30¼	1¼"	½"
40TL12	48	4" x 12"	22¼	34¼	1¼"	½"
40TL14	50	4" x 14"	24¼	38¼	1¼"	½"
40TL16	53	4" x 16"	26¼	42¼	1¼"	½"
40TL18	59	4" x 18"	28¼	46¼	1½"	½"
40TL20	62	4" x 20"	30¼	50¼	1½"	½"
40TL24	68	4" x 24"	34¼	58¼	1½"	½"
40TL30	91	4" x 30"	40¼	70¼	2"	½"
40TL36	102	4" x 36"	46¼	82¼	2"	½"
40TL48	125	4" x 48"	58¼	106¼	2"	½"
50TL08	71	5" x 8"	20¼	28¼	1½"	½"
50TL10	75	5" x 10"	22¼	32¼	1½"	½"
50TL12	87	5" x 12"	24¼	36¼	2"	½"
50TL14	92	5" x 14"	26¼	40¼	2"	½"
50TL16	96	5" x 16"	28¼	44¼	2"	½"
50TL18	101	5" x 18"	30¼	48¼	2"	½"
50TL20	106	5" x 20"	32¼	52¼	2"	½"
50TL24	116	5" x 24"	36¼	60¼	2"	½"
50TL30	131	5" x 30"	42¼	72¼	2"	½"
50TL36	145	5" x 36"	48¼	84¼	2"	½"

TH SERIES

•3000 psi, intermittent surge pressures to 6000 psi
•Standard - double acting cylinders

Part No.	Ship Weight	I.D. x Stroke	Dimension in inches between pin centres		Shaft Dia.	Port Size (NPT)
			Retracted	Extended		
20TH08	20	2" x 8"	20¼	28¼	1⅛"	#8
20TH10	21	2" x 10"	20¼	30¼	1⅛"	#8
20TH12	22	2" x 12"	22¼	34¼	1⅛"	#8
20TH14	24	2" x 14"	24¼	38¼	1⅛"	#8
20TH16	25	2" x 16"	26¼	42¼	1⅛"	#8
20TH18	26	2" x 18"	28¼	46¼	1⅛"	#8
20TH20	28	2" x 20"	30¼	50¼	1⅛"	#8
20TH24	30	2" x 24"	34¼	58¼	1⅛"	#8
25TH08	22	2½" x 8"	20¼	28¼	1⅛"	#8
25TH10	23	2½" x 10"	20¼	30¼	1⅛"	#8
25TH12	24	2½" x 12"	22¼	34¼	1⅛"	#8
25TH14	26	2½" x 14"	24¼	38¼	1⅛"	#8
25TH16	29	2½" x 16"	26¼	42¼	1¼"	#8
25TH18	31	2½" x 18"	28¼	46¼	1¼"	#8
25TH20	32	2½" x 20"	30¼	50¼	1¼"	#8
25TH24	35	2½" x 24"	34¼	58¼	1¼"	#8
30TH08	28	3" x 8"	20¼	28¼	1¼"	#8
30TH10	30	3" x 10"	20¼	30¼	1¼"	#8
30TH12	32	3" x 12"	22¼	34¼	1¼"	#8
30TH14	35	3" x 14"	24¼	38¼	1¼"	#8
30TH16	39	3" x 16"	26¼	42¼	1½"	#8
30TH18	41	3" x 18"	28¼	46¼	1½"	#8
30TH20	43	3" x 20"	30¼	50¼	1½"	#8
30TH24	48	3" x 24"	34¼	58¼	1½"	#8
35TH08	36	3½" x 8"	20¼	28¼	1¼"	#8
35TH10	38	3½" x 10"	20¼	30¼	1¼"	#8
35TH12	41	3½" x 12"	22¼	34¼	1¼"	#8
35TH14	43	3½" x 14"	24¼	38¼	1¼"	#8
35TH16	48	3½" x 16"	26¼	42¼	1½"	#8
35TH18	51	3½" x 18"	28¼	46¼	1½"	#8
35TH20	54	3½" x 20"	30¼	50¼	1½"	#8
35TH24	59	3½" x 24"	34¼	58¼	1½"	#8
40TH08	44	4" x 8"	20¼	28¼	1⅜"	#8
40TH10	46	4" x 10"	20¼	30¼	1⅜"	#8
40TH12	48	4" x 12"	22¼	34¼	1⅜"	#8
40TH14	52	4" x 14"	24¼	38¼	1⅜"	#8
40TH16	61	4" x 16"	26¼	42¼	1¾"	#8
40TH18	64	4" x 18"	28¼	46¼	1¾"	#8
40TH20	67	4" x 20"	30¼	50¼	1¾"	#8
40TH24	74	4" x 24"	34¼	58¼	1¾"	#8
50TH08	78	5" x 8"	20¼	28¼	2"	#8
50TH10	78	5" x 10"	22¼	32¼	2"	#8
50TH12	88	5" x 12"	24¼	36¼	2"	#8
50TH14	93	5" x 14"	26¼	40¼	2"	#8
50TH16	97	5" x 16"	28¼	44¼	2"	#8
50TH18	102	5" x 18"	30¼	48¼	2"	#8
50TH20	107	5" x 20"	32¼	52¼	2"	#8
50TH24	117	5" x 24"	36¼	60¼	2"	#8

TL SERIES

TH SERIES

MONARCH INDUSTRIES

Tie Rod Hydraulic Cylinder Parts & Accessories

MONARCH INDUSTRIES

'TL' SERIES

Cylinder Number	Repair Kit	Clevis Cap	Rod Cap	Piston	Rod	Clevis
20TL04	639572	492805	492806	492548	492848	492650
20TL06	639572	492805	492806	492548	492850	492650
20TL08	639572	492805	492806	492548	492699	492650
20TL10	639572	492805	492806	492548	492852	492650
20TL12	639572	492805	492806	492548	492853	492650
20TL14	639572	492805	492806	492548	492854	492650
20TL16	639572	492805	492806	492548	492855	492650
20TL18	639572	492805	492806	492548	492856	492650
20TL20	639572	492805	492806	492548	492857	492650
20TL24	639572	492805	492806	492548	492860	492650
20TL30	639572	492805	492806	492548	492862	492650
25TL04	639573	492807	492808	492529	492848	492650
25TL06	639573	492807	492808	492529	492850	492650
25TL08	639573	492807	492808	492529	492699	492650
25TL10	639573	492807	492808	492529	492852	492650
25TL12	639573	492807	492808	492529	492853	492650
25TL14	639573	492807	492808	492529	492854	492650
25TL16	639573	492807	492808	492529	492855	492650
25TL18	639574	492807	492809	492529	492642	492650
25TL20	639574	492807	492809	492529	492643	492650
25TL24	639574	492807	492809	492529	492644	492650
25TL30	639574	492807	492809	492529	492646	492650
25TL36	639574	492807	492809	492529	492648	492650
30TL04	639575	492810	492812	492520	492866	492652
30TL06	639575	492810	492812	492520	492868	492652
30TL08	639575	492810	492812	492520	492700	492652
30TL10	639575	492810	492812	492520	492869	492652
30TL12	639575	492810	492812	492520	492870	492652
30TL14	639575	492810	492812	492520	492872	492652
30TL16	639575	492810	492812	492520	492873	492652
30TL18	639575	492810	492812	492520	492875	492652
30TL20	639575	492810	492812	492520	492876	492652
30TL24	639576	492810	492814	492520	492631	492652
30TL30	639576	492810	492814	492520	492632	492652
30TL36	639576	492810	492814	492520	492634	492652
35TL04	639577	492820	492822	492528	492866	492652
35TL06	639577	492820	492822	492528	492868	492652
35TL08	639577	492820	492822	492528	492700	492652
35TL10	639577	492820	492822	492528	492869	492652
35TL12	639577	492820	492822	492528	492870	492652
35TL14	639577	492820	492822	492528	492872	492652
35TL16	639577	492820	492822	492528	492873	492652
35TL18	639578	492820	492824	492528	492629	492652
35TL20	639578	492820	492824	492528	492630	492652
35TL24	639578	492820	492824	492528	492631	492652
35TL30	639578	492820	492824	492528	492632	492652
35TL36	639578	492820	492824	492528	492634	492652
40TL04	639579	492830	492832	492527	492866	492652
40TL06	639579	492830	492832	492527	492868	492652
40TL08	639579	492830	492832	492527	492700	492652
40TL10	639579	492830	492832	492527	492869	492652
40TL12	639579	492830	492832	492527	492870	492652
40TL14	639579	492830	492832	492527	492872	492652
40TL16	639579	492830	492832	492527	492873	492652
40TL18	639580	492830	492834	492527	492629	492652
40TL20	639580	492830	492834	492527	492630	492652
40TL24	639580	492830	492834	492527	492631	492652
40TL30	639582	492830	492838	492527	492796	492652
40TL36	639582	492830	492838	492527	492798	492652
40TL48	639582	492830	492838	492527	492795	492652
50TL08	639583	492840	492842	494763	494820	492654
50TL10	639583	492840	492842	494763	492799	492654
50TL12	639584	492840	492846	494763	494830	492654
50TL14	639584	492840	492846	494763	494831	492654
50TL16	639584	492840	492846	494763	494832	492654
50TL18	639584	492840	492846	494763	494833	492654
50TL20	639584	492840	492846	494763	494834	492654
50TL24	639584	492840	492846	494763	494835	492654
50TL30	639584	492840	492846	494763	494836	492654
50TL36	639584	492840	492846	494763	494837	492654

'TH' SERIES

Cylinder Number	Repair Kit	Clevis Cap	Rod Cap	Piston	Rod	Clevis
20TH08	639542	492672	492665	494765	492699	492650
20TH10	639542	492672	492665	494765	492852	492650
20TH12	639542	492672	492665	494765	492853	492650
20TH14	639542	492672	492665	494765	492854	492650
20TH16	639542	492672	492665	494765	492855	492650
20TH18	639542	492672	492665	494765	492856	492650
20TH20	639542	492672	492665	494765	492857	492650
20TH24	639542	492672	492665	494765	492860	492650
25TH08	639555	492674	492673	494726	492699	492650
25TH10	639555	492674	492673	494726	492852	492650
25TH12	639555	492674	492673	494726	492853	492650
25TH14	639555	492674	492673	494726	492854	492650
25TH16	639556	492674	492727	494726	492641	492650
25TH18	639556	492674	492727	494726	492642	492650
25TH20	639556	492674	492727	494726	492643	492650
25TH24	639556	492674	492727	494726	492644	492650
30TH08	639558	492675	492670	494719	492700	492652
30TH10	639558	492675	492670	494719	492869	492652
30TH12	639558	492675	492670	494719	492870	492652
30TH14	639558	492675	492670	494719	492872	492652
30TH16	639559	492675	492728	494719	492628	492652
30TH18	639559	492675	492728	494719	492629	492652
30TH20	639559	492675	492728	494719	492630	492652
30TH24	639559	492675	492728	494719	492631	492652
35TH08	639561	492676	492677	494738	492700	492652
35TH10	639561	492676	492677	494738	492869	492652
35TH12	639561	492676	492677	494738	492870	492652
35TH14	639561	492676	492677	494738	492872	492652
35TH16	639562	492676	492730	494738	492628	492652
35TH18	639562	492676	492730	494738	492629	492652
35TH20	639562	492676	492730	494738	492630	492652
35TH24	639562	492676	492730	494738	492631	492652
40TH08	639564	492680	492685	494730	492800	492652
40TH10	639564	492680	492685	494730	494826	492652
40TH12	639564	492680	492685	494730	494827	492652
40TH14	639564	492680	492685	494730	494828	492652
40TH16	639566	492680	492695	494730	494783	492652
40TH18	639566	492680	492695	494730	494784	492652
40TH20	639566	492680	492695	494730	494785	492652
40TH24	639566	492680	492695	494730	494787	492652
50TH08	639571	492720	492725	494760	437191	492655
50TH10	639571	492720	492725	494760	437192	492655
50TH12	639571	492720	492725	494760	437193	492655
50TH14	639571	492720	492725	494760	437194	492655
50TH16	639571	492720	492725	494760	437195	492655
50TH18	639571	492720	492725	494760	437196	492655
50TH20	639571	492720	492725	494760	437197	492655
50TH24	639571	492720	492725	494760	437199	492655

STROKE CONTROLS

Part No. 638655, Fits shaft size 1⅛": For use on all 2" and 2½" x 8 cylinders.
Part No. 638656, Fits shaft size 1¼": For use on all 3" and 3½" x 8 cylinders.
Part No. 638657, Fits shaft size 1⅜": For use on 40TH08 cylinder only.
Part No. 638658, Fits shaft size 1½": For use on 50TL08 cylinder only.

STROKE CONTROL SPACERS

Part No. 639070, Fits shaft size 1⅛" *.
Part No. 639120, Fits shaft size 1¼" *.
Part No. 639240, Fits shaft size 1½" *.
*Spacer kit consists of 5 segments: (2) 1" segments, (1) 1¼" segment, (1) 1½" segment, (1) 1¾" segment.

RETAINER KITS

Part No. 640091, 1" pin retainers - 2 pins c/w 4 hair pins.
Part No. 638666, 1¼" pin retainers - 2 pins c/w 4 cotter pins.
Part No. 640110, Pack of 12 hair pin retainers.
Part No. 638668, Pack of 12, 3/16" x 1½" cotter pin retainers.

BREATHER FILTERS

NOTE: Breather filters are used on hydraulic systems or for changing double acting cylinder to single acting application.
Part No. 640368, ⅜" NPT breather filter.
Part No. 640370, ½" NPT breather filter.

Cylinder Pins

Replacement pins for air and hydraulic cylinders. Supplied with clips. Usable length is measured between clips.

Part No.	Dia.	Usable Length
55030	1"	2¾"
55031	1"	3¼"

Stroke Control Segments

For air and hydraulic cylinders. Cast aluminum alloy.

Part No.	Fits Shaft Sizes	Width
55003	1⅛" to 1¼" diameter	¾"
55004	1⅛" to 1¼" diameter	1"
55005	1⅛" to 1¼" diameter	1¼"
55006	1⅛" to 1¼" diameter	1½"
55007	1⅜" to 1½" diameter	¾"
55008	1⅜" to 1½" diameter	1"
55009	1⅜" to 1½" diameter	1¼"
55010	1⅜" to 1½" diameter	1½"
55011	2" diameter	1"
55012	2" diameter	1½"
55013	2" diameter	2"
55014	2" diameter	4¼"

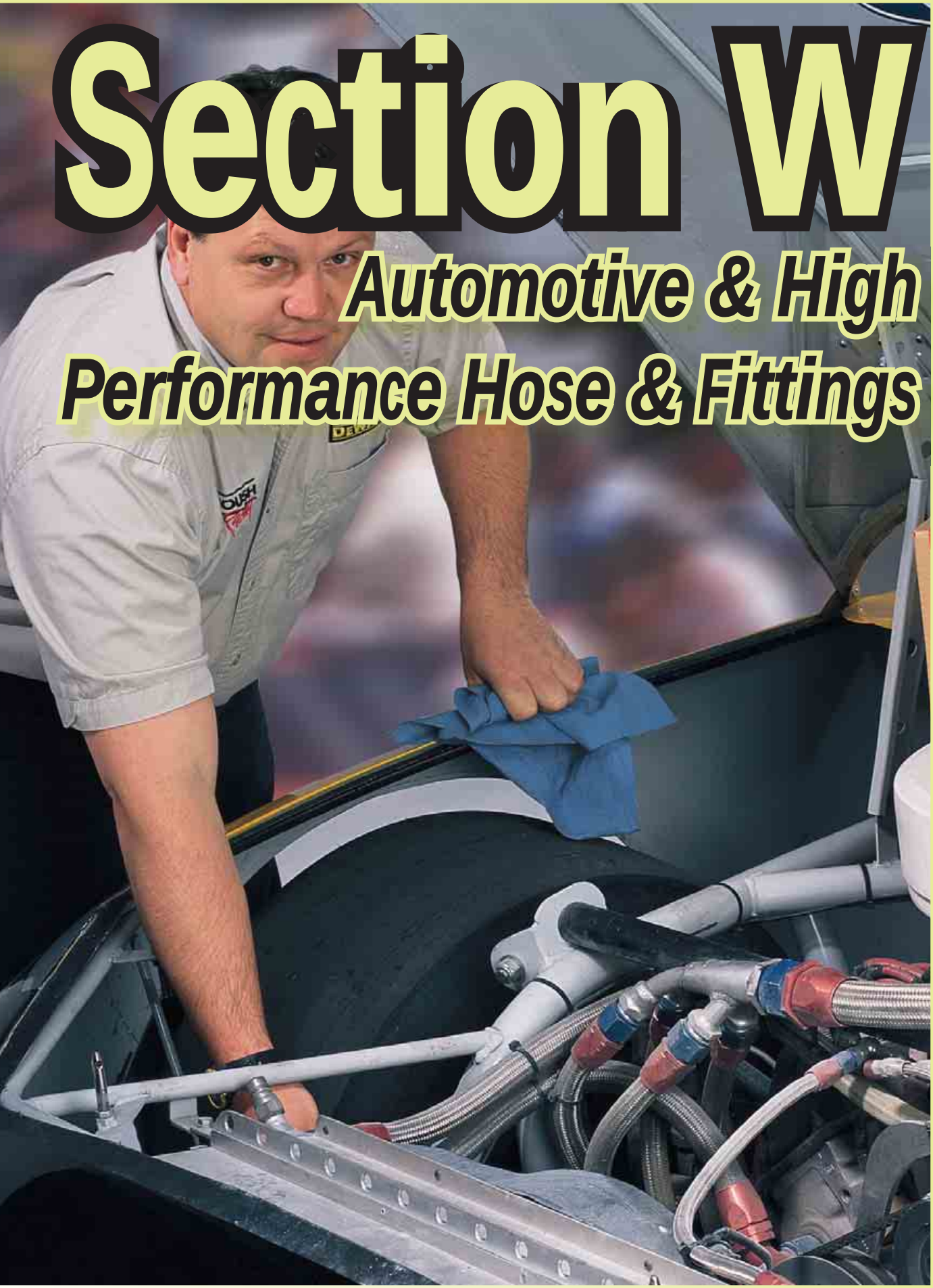
Gregg Distributors

Gregg

100% Canadian!!!

Section W

Automotive & High Performance Hose & Fittings



CELEBRATING 40 YEARS
40
1968
Gregg
2008

AQP® Racing Hose

Stainless steel braid for superior performance

AQP Racing Hose is compatible with petroleum and synthetic lubricants, hydrocarbon fuels and liquid engine coolants. It operates at higher temperatures for longer periods. Light and flexible, it is easy to work with, and its stainless steel cover will ensure long lasting durability. AQP Racing Hose also features AQP elastomer inner tube that is resistant to oxidation, the effects of ozone and other various agents present in the air.

Temperature Range: Continuous operating temperature from -48°C to +149°C.

Applications: Fuel, Lube, Coolant, Air lines.

Part Number	Hose Dash Size	Hose I.D. (inches)	Hose O.D. (inches)	Max. Operating Pressure (psi)	Min. Burst (psi)
FBA0400	-4	.22	.44	1000	6000
FBA0600	-6	.34	.55	1000	6000
FBA0800	-8	.44	.65	1000	5000
FBA1000	-10	.56	.80	1000	5000
FBA1200	-12	.69	.94	1000	4000
FBA1600	-16	.88	1.15	750	3000
FBA2000	-20	1.13	1.41	500	2000

Pro Clamp™ Hose Connectors

Pro Clamp™ connectors are made of red anodized aluminum to give you band clamp connections a professional look. The Pro Clamp™ connector can be used on any rubber or stainless steel braid hose. Pro Clamp™ connectors should not be used on brake lines, air conditioning, power steering or other high pressure lines. Pro Clamp™ connectors come complete with a quality band clamp.

Part Number	Hose & Fitting Dash Size
FCM1001	-4
FCM1002	-6
FCM1003	-8
FCM1004	-10
FCM1005	-12
FCM1006	-16
FCM1007	-20

Stainless Steel Overbraid

Stainless Steel Overbraid is used to dress up existing rubber hoses. Simply slip it over current radiator hoses and can be clamped with the Aeroquip PRO-CLAMP™ connectors for a finished hose assembly look. Stainless Overbraid provides no additional performance for the hose, yet provides added abrasion resistance and good looks.

Part Number	Nominal I.D.	Hose O.D. Range	Overbraid I.D.
FBR1200	3/4"	1/2" to 1"	3/4"
FBR2400	1-1/2"	1-1/8" to 2-1/4"	1-1/2"

AQP® Racing Reusable Fittings

STRAIGHT FITTING
S.A.E. 37° (JIC/AN) SWIVEL

Steel Swivel w/ aluminum socket

Part Number	Hose & Fitting Dash Size
FCM1011	-4

Aluminum Swivel

Part Number	Hose & Fitting Dash Size
FCM1012	-6
FCM1013	-8
FCM1014	-10
FCM1015	-12
FCM1016	-16
FCM1017	-20

45° ELBOW FITTING
S.A.E. 37° (JIC/AN) SWIVEL
*non-swivel

Steel Swivel w/ aluminum socket

Part Number	Hose & Fitting Dash Size
FCM1021*	-4

Aluminum Swivel

Part Number	Hose & Fitting Dash Size
FCM4022	-6
FCM4023	-8
FCM4024	-10
FCM4025	-12
FCM4026	-16
FCM1027*	-20

90° ELBOW FITTING
S.A.E. 37° (JIC/AN) SWIVEL
*non-swivel

Steel Swivel w/ aluminum socket

Part Number	Hose & Fitting Dash Size
FCM1031*	-4

Aluminum Swivel

Part Number	Hose & Fitting Dash Size
FCM4032	-6
FCM4033	-8
FCM4034	-10
FCM4035	-12
FCM4036	-16

120° ELBOW FITTING
S.A.E. 37° (JIC/AN) SWIVEL

Aluminum Swivel

Part Number	Hose & Fitting Dash Size
FCM4042	-6
FCM4043	-8
FCM4044	-10
FCM4045	-12

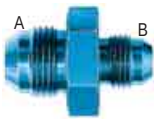
Blue Anodized Aluminum Adapters – Flare to Flare

FLARE UNION (AN 815)

Part Number	Dash Size
FCM2050	-3
FCM2051	-4
FCM2052	-6
FCM2053	-8
FCM2054	-10
FCM2055	-12
FCM2056	-16

UNION REDUCER (AN 919)

Part Number	Dash Size A	Dash Size B
FCM2160	-8	-6
FCM2163	-10	-8
FCM2167	-12	-10
FCM2170	-16	-12



UNION TEE (AN 824)

Part Number	Dash Size
FCM2060	-3
FCM2061	-4
FCM2062	-6
FCM2063	-8
FCM2064	-10
FCM2065	-12
FCM2066	-16

FEMALE FLARE SWIVEL

Part Number	Dash Size
FCM2914	-4
FCM2915	-6
FCM2916	-8

BULKHEAD UNION (AN 832)

Part Number	Dash Size
FCM2071	-4
FCM2072	-6
FCM2073	-8
FCM2074	-10
FCM2075	-12
FCM2076	-16

LOCKNUT (AN 924)

Part Number	Dash Size
FCM2099	-4
FCM2100	-6
FCM2103	-8
FCM2104	-10
FCM2105	-12
FCM2106	-16

FLARE PLUG (AN 806)

Part Number	Dash Size
FCM3712	-3
FCM3713	-4
FCM3714	-6
FCM3715	-8
FCM3716	-10
FCM3717	-12

Blue Anodized Aluminum Adapters – Pipe Thread Adapters

ALLEN HEAD PIPE PLUG (AN 932)

Part Number	Dash Size
FCM3685	1/8"
FCM3686	1/4"
FCM3687	3/8"
FCM3749	1/2"
FCM3750	3/4"

PIPE BUSHING (AN 912)

Part Number	Dash Size A	Dash Size B
FCM2137	3/8"	1/4"
FCM2138	3/8"	1/8"
FCM2139	1/2"	3/8"
FCM2140	1/2"	1/4"

Blue Anodized Aluminum Adapters – Flare to Pipe Adapters

MALE AN TO PIPE (AN 816)

Part Number	Dash Size A	Dash Size B
FCM2000	-3	1/8"
FCM2001	-4	1/8"
FCM2002	-4	1/4"
FCM2003	-6	1/8"
FCM2004	-6	1/4"
FCM2005	-6	3/8"
FCM2006	-8	1/4"
FCM2007	-8	3/8"
FCM2008	-8	1/2"
FCM2185	-10	3/8"
FCM2009	-10	1/2"
FCM2010	-12	1/2"
FCM2011	-12	3/4"
FCM2012	-16	1"

45° MALE AN TO PIPE (AN 823)

Part Number	Dash Size A	Dash Size B
FCM2020	-3	1/8"
FCM2021	-4	1/8"
FCM2022	-6	1/4"
FCM2023	-8	3/8"
FCM2024	-10	1/2"
FCM2025	-12	3/4"
FCM2026	-16	1"

90° AN TO PIPE (AN 822)

Part Number	Dash Size A	Dash Size B
FCM2030	-3	1/8"
FCM2031	-4	1/8"
FCM2032	-4	1/4"
FCM2033	-6	1/8"
FCM2034	-6	1/4"
FCM2035	-6	3/8"
FCM2036	-8	1/4"
FCM2037	-8	3/8"
FCM2038	-8	1/2"
FCM2039	-10	1/2"
FCM2040	-12	3/4"
FCM2041	-16	1"

Blue Anodized Aluminum Adapters – Flare to ORB

O-RING BOSS PLUG (AN 814)

Part Number	Dash Size
FCM3724	-6

O-RING BOSS TO MALE 37°

Part Number	Dash Size
FCM2955	-12

Anodized Aluminum Adapters – Miscellaneous

45° MALE TO FEMALE FLARE SWIVEL

•Red and blue body

Part Number	Dash Size
FCM3148	-6
FCM3149	-8
FCM3150	-10
FCM3151	-12

90° MALE TO FEMALE FLARE SWIVEL

•Red and blue body

Part Number	Dash Size
FCM3155	-6
FCM3156	-8
FCM3157	-10
FCM3158	-12

FEMALE SWIVEL TEE LINE

•Blue body

Part Number	Dash Size
FCM2281	-4
FCM2282	-6
FCM2283	-8
FCM2284	-10
FCM2285	-12
FCM2286	-16

PRESSURE GAUGE ADAPTER LINE

•Blue body

Part Number	Dash	Dash Size A	Dash Size B
FCM2276	-6	1/4"	1/8"
FCM2277	-6	3/8"	1/8"
FCM2278	-8	1/4"	1/8"
FCM2279	-8	3/8"	1/8"

Aluminum Carburetor Adapters

Holley single feed 600-660 series, 4010/4011 series and all two barrel series with 9/16-24 thread

Part Number	Hose Size
FCM2113	-6

Holley dual feed 750 through Dominator 1350 series and Quadrajet up to 1974 with 7/8-20 thread

Part Number	Hose Size
FCM2114	-6

Holley dual feed 750 through Dominator 1350 series and Quadrajet up to 1974 with 7/8-20 thread

Part Number	Hose Size
FCM2110	-8

Holley dual feed 750 through Dominator 1350 series and Quadrajet up to 1974 with 7/8-20 thread

Part Number	Hose Size
FCM2193	-6

Holley dual feed 750 through Dominator 1350 series and Quadrajet up to 1974 with 7/8-20 thread

Part Number	Hose Size
FCM2192	-8

Carter AFB two and four barrel with 5/8-20 thread

Part Number	Hose Size
FCM2112	-6

Aluminum Fuel Pump Adapters

Inverted flare 5/8-18 thread

Part Number	Hose Size
FCM2108	-6

Inverted flare 1/2-20 thread

Part Number	Hose Size
FCM2111	-6

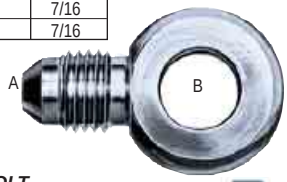
S.A.E. 37° Male Flare to Female Inverted Flare Brake Adapters

Part Number	Hose Size A	Brake Size B
FCM2936	-3	3/8 - 24
FCM2937	-4	3/8 - 24

S.A.E. Banjo Brake Adapters

S.A.E. 37° FLARE TO BANJO

Part Number	Hose Size A	Brake Size B
FCM2949	-3	3/8
FCM2938	-4	3/8
FCM2939	-3	7/16
FCM2940	-4	7/16



S.A.E. BANJO BOLT

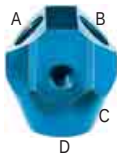
Part Number	Thread Size
FCM2921	3/8 - 24
FCM2922	7/16 - 20

Replacement Aluminum Crushwashers

For use with Banjo fittings and carburetor adapters

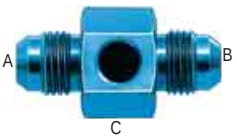
Part Number	Dash Size
FCM3642	-3
FCM3513	-4
FCM3516	-10

Blue Anodized Aluminum Fuel Blocks



Part Number	Pipe Size A	Pipe Size B	Pipe Size C	Pipe Size D
FCM2178	1/4"	1/4"	1/8"	3/8"
FCM2179	3/8"	3/8"	1/8"	1/2"

Blue Anodized Aluminum In-Line Fuel Pressure Adapter



Part Number	Dash Size A	Dash Size B	Pipe Size C
FCM2183	-6	-6	1/8"
FCM2184	-8	-8	1/8"

Vise Jaw Inserts for Anodized Fitting Protection

These vise jaw inserts are a must for race teams, engine builders, and street rodders. Keep your good-looking fittings from Aeroquip looking good even after assembly. Vise jaw inserts firmly hold the hex of the fitting during assembly, without marring the anodized finish. Can be used with any size fitting from -03 to -32. With magnetic backs, allowing quick set-ups and easy transfer between vises. Sold as a pair.
Part No. FCM3661.

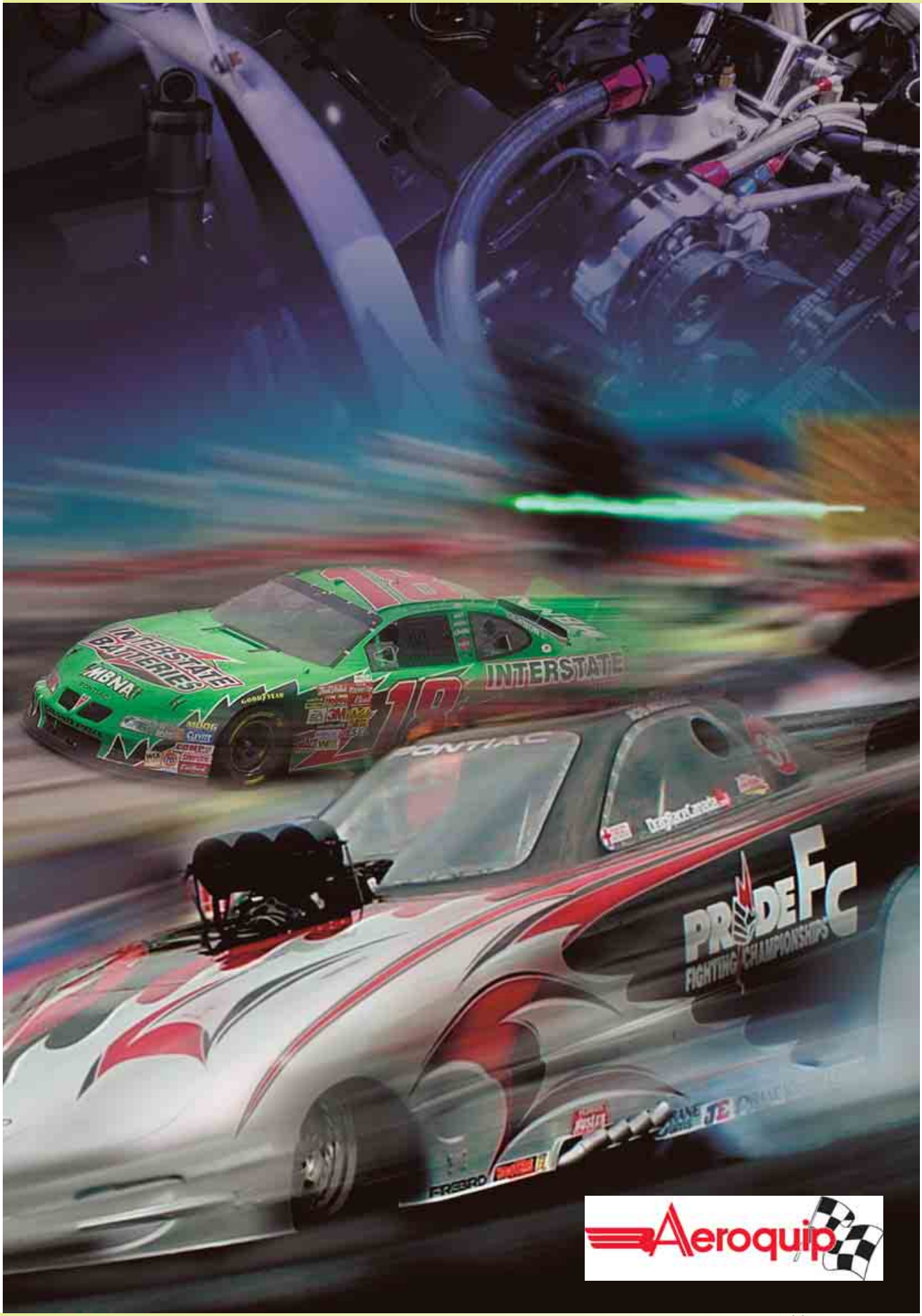
Quick Disconnect Brake & Clutch Coupling

Allows rapid connection/disconnection of brake and clutch lines without fluid loss, air inclusion, and the need to bleed the line. Coupling also includes a safety clip on lanyard to prevent accidental disconnection. Available with -03 or -04 SAE 37° (JIC/AN) threads. Male half includes jam nut for bulkhead mounting. Temperature range -40°C to 121°C. For use with non-petroleum brake fluids. Seal material — EPR.

Part Number	Dash Size	Max. Operating Pressure	Air Inclusion (C.C. max.)	Fluid Loss (C.C. max.)	Length Connector (inches)	Total Weight (lbs.)
FCM1073	-3	3000	.02	.10	4.10	.34
FCM1074	-4	3000	.02	.10	4.25	.36

Aluminum Wrench Set

Sturdy anodized aluminum wrenches designed to fit the hexes and minimize marking of Aeroquip anodized aluminum fittings for AQP Racing Hose in sizes from -6 through -20. Colour coded by size.
Part No. FCM3410.


INTERSTATE BATTERIES
MBNA
18
INTERSTATE
PONTIAC
PRIDE FC
FIGHTING CHAMPIONSHIPS
FREBRD
Aeroquip

Section X

Industrial Hose, Fittings, & Couplings

Hose Finder Index

AIR HOSE:
Goodyear Industrial:
Horizon Air-Water Hose....X1
Ortac Multi-Purpose Hose....X1
Gorilla Multi-Purpose Hose....X1
Explorer Plus Air Hose....X1
Ultrabraid™ Steel Air Heavy Duty Hose....X1
Plicord Steel Air & Multipurpose Hose....X1
Pyroflex II Hot Air Hose....X1
Kuri-Tec Industrial:
PVC Air & Water Hose....X2
Tundra-Air™ Low Temp Air-Water Hose....X2
Polyurethane Air Tool Hose....X2

AIR HOSE ASSEMBLIES:
Goodyear Industrial:
Horizon Air-Water Hose Assemblies....X2
Ortac Multi-Purpose Hose Assemblies....X3
Explorer Plus Air Hose Assemblies....X3
Kuri-Tec Industrial:
PVC Air & Water Hose Assemblies....X3
Tundra-Air™ Air-Water Hose Assemblies....X3
Polyurethane Air Tool Hose Assemblies....X3
Polyurethane Hose Assemblies....X4

WATER HOSE:
Goodyear Industrial:
Horizon Air-Water Hose....X1
Explorer Plus Air Hose....X1
Garden Hose....X4
Plicord Green Washdown Hose....X4
Primeline PVC Discharge Hose....X4
Plicord Water Discharge Hose....X4
Spiraflex Premier Suction & Discharge Hose....X4
Contractor's Water Suction & Discharge Hose....X4
Neptune 3000 Hose....X5
Whitewater High Pressure Hose....X5
Galvanator 3000 Cleaning Equipment Hose....X5
Gauntlet 3000 Cleaning Equipment Hose....X5
Neptune 1500 Cleaning Equipment Hose....X5
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Kuri-Tec Industrial:
PVC Air & Water Hose....X2
R.V./Marine Hose....X6
Tigerflex Spa Hose....X6
Single Jacket Mill Discharge Hose....X6
Tigerflex PVC Suction & Discharge Hose....X6
Series BW Water Hose....X6
Blue PVC Water Discharge Hose....X6
Brown HD Water Discharge Hose....X6
Polyspring Suction & Discharge Hose....X16
PVC Suction & Discharge Hose (Dry/Liquid Application)....X16
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WATER HOSE ASSEMBLIES:
Goodyear Industrial:
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Explorer Plus Air Hose Assemblies....X3
Garden Hose Assemblies....X7
Plicord Water Discharge Hose Assemblies....X7
Contractor's Water Suction Hose Assemblies....X7
Neptune 3000 Hose Assemblies....X5
Whitewater High Pressure Hose Assemblies....X8

WATER HOSE ASSEMBLIES:
Kuri-Tec Industrial:
PVC Air & Water Hose Assemblies....X3
R.V./Marine Hose Assemblies....X8
PVC Garden Hose Assembly....X8
Tigerflex PVC Suction & Discharge Hose Assemblies....X8
Blue PVC Water Discharge Hose Assemblies....X8
Brown HD Water Discharge Hose Assemblies....X8
Industrial Rubber:
Industrial Garden Hose Assemblies....X9

STEAM & WELDING HOSE:
Goodyear Industrial:
Whitewater High Pressure Hose....X8
Ultrabraid Steel Steam Hose....X9
Gemini Twin-Line Welding Hose....X9

STEAM & WELDING HOSE ASSEMBLIES:
Goodyear Industrial:
Whitewater High Pressure Hose Assemblies....X8
Gemini Twin-Line Welding Hose Assemblies....X9

PETROLEUM HOSE:
Goodyear Industrial:
Premium Farm Fuel Hose....X9
Arctic Ortac Fuel Discharge Hose....X9
Arctic Softwall Plus Fuel Discharge Hose....X9
Plicord Arctic Ortac Fuel Discharge Hose with Static Wire....X10
Arctic Fuel Discharge Hose....X10
Flexsteel Gasoline Pump Hose....X10
Insta-Grip I Air & Multipurpose Hose....X10
Plicord Type A2 (Fuel Fill) Hose....X10
Plicord Flexwing Petroleum Hose....X10
Petroleum Hose....X10
Plicord Black Flextra® II Hose....X10
Plicord Arctic Flexwing Hose....X10
Plicord Arctic Tank Truck Hose....X10
Paladin™ Petroleum Transfer Hose....X10
Pyroflex Hot Tar & Asphalt Petroleum Transfer Hose....X11
Pyroflex Hot Tar Wand Petroleum Transfer Hose....X11
Kuri-Tec Industrial:
Tigerflex PVC Oil Transfer/Vapour Recovery Hose....X11
Thermoid Industrial:
Flex-Loc Push On Hose....X11
Ebonite L.T. (Low Temp.) Hose....X11

PETROLEUM HOSE ASSEMBLIES:
Goodyear Industrial:
Premium Farm Fuel Hose Assemblies - Punch Locked....X12
Artic Softwall Plus Fuel Hose Assemblies with Static Wire - Punch Locked....X12
Plicord Arctic Ortac Fuel Hose Assemblies with Static Wire - Punch Locked....X12
Arctic Softwall Plus Fuel Hose Assemblies with Static Wire & Petroleum Fittings....X12
Plicord Arctic Ortac Fuel Hose Assemblies with Static Wire & Petroleum Fittings....X12
Flexsteel Gasoline Pump Hose Assemblies with Petroleum Fittings....X12

COMPOSITE HOSE:
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Heavy Duty Petroleum Composite Hose....X13
Chemical PG Composite Hose....X13
Composite Hose Ends & Components....X13

COMPOSITE HOSE ASSEMBLIES:
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Artrac Material Handling Hose....X14
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Plicord Black Softwall Hose....X14
Tan Flextra Bulk Transfer Hose....X14
Plicord Blast Hose....X14
Plicord Blast Whip Hose....X14
Kuri-Tec Industrial:
Tigerflex Ureflex Material Handling Hose....X14
Tigerflex Polyurethane Suction & Discharge Hose....X14
Tigerflex Spiral Double Bolt Clamps....X14
PVC Suction & Discharge Hose (Dry/Liquid Application)....X16
PVC Suction & Discharge Hose (Dry Application)....X16
Kanaflex® Industrial:
180 AR Abrasive Suction Hose....X15
Powerlock Clamps....X15

CHEMICAL TRANSFER HOSE:
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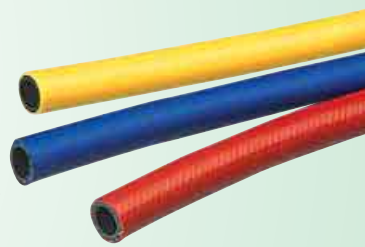
Fabchem Chemical Transfer Hose....X15
N/R Paint Spray Hose....X15
Kuri-Tec Industrial:
Eva-Anhydrous Hose....X15
PVC Chemical Spray Hose....X15

FOOD & BEVERAGE HOSE:
Goodyear Industrial:
White Flextra Food Hose....X17
Kuri-Tec Industrial:
Reinforced Vinyl Tubing....X16
Polyethylene Tubing....X16
Clear Vinyl Tubing....X16
Polyspring Suction & Discharge Hose....X16
PVC Suction & Discharge Hose (Dry/Liquid Application)....X16
PVC Suction & Discharge Hose (Dry Application)....X16

UNREINFORCED TUBING:
Kuri-Tec Industrial:
Polyurethane Tubing....X17
Nylon Tubing....X17

PVC/THERMOPLASTIC HOSE/DUCTING:
Thermoid:
Ultraflex Hose/Ducting....X17



HORIZON AIR-WATER HOSE

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
HOR-25-1	1/4"	0.500"	200 psi
HOR-25-2	1/4"	0.527"	250 psi
HOR-31-1	5/16"	0.582"	200 psi
HOR-31-2	5/16"	0.594"	250 psi
HOR-38-1	3/8"	0.669"	200 psi
HOR-38-2	3/8"	0.700"	250 psi
HOR-50-1	1/2"	0.811"	200 psi
HOR-50-2	1/2"	0.838"	250 psi
HOR-63-2	5/8"	0.976"	250 psi
HOR-75-1	3/4"	1.118"	200 psi
HOR-75-2	3/4"	1.141"	250 psi
HOR-100-2	1"	1.440"	200 psi
HOR-125-2	1-1/4"	1.750"	200 psi
HOR-150-2	1-1/2"	2.000"	200 psi

General industrial service, air-water and water soluable spray applications, Diamond Drill service. Temperature range of -29°C to 88°C. Tube: Black versigard. Reinforcement: Synthetic cord. Cover: Red versigard. Please see page X2 for assemblies.

ORTAC MULTI-PURPOSE HOSE

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
ORT-25-1	1/4"	0.531"	250 psi
ORT-25-2	1/4"	0.625"	300 psi
ORT-31-2	5/16"	0.688"	250 psi
ORT-38-1	3/8"	0.688"	250 psi
ORT-38-2	3/8"	0.750"	300 psi
ORT-50-1	1/2"	0.844"	250 psi
ORT-50-2	1/2"	0.906"	300 psi
ORT-63-2	5/8"	1.063"	250 psi
ORT-75-2	3/4"	1.125"	250 psi
ORT-100-2	1"	1.469"	300 psi
ORT-125-2	1-1/4"	1.750"	300 psi
ORT-150-2	1-1/2"	2.000"	300 psi

High quality multi-purpose hose recommended for air, water, and petroleum service in most general plant applications. Temperature range of -29°C to 82°C. Tube: Chemigum (high ORS). Reinforcement: Synthetic fibre. Cover: Red carbryn (ORS, MSHA). Please see page X3 for assemblies.

GORILLA MULTI-PURPOSE HOSE

PART NO.	I.D.	O.D.	MAX WORK PRESSURE
GOR-25	1/4"	0.625"	500 psi
GOR-38	3/8"	0.750"	500 psi
GOR-50	1/2"	0.906"	500 psi
GOR-75	3/4"	1.188"	500 psi
GOR-100	1"	1.500"	500 psi
GOR-125	1-1/4"	1.797"	500 psi
GOR-150	1-1/2"	2.031"	500 psi
GOR-200	2"	2.625"	500 psi

Premium quality multi-purpose hose for air, oil, water, kerosene and some other liquids. Temperature range of -40°C to 88°C. Tube: Black chemigum (ORS). Reinforcement: Flexten cord. Cover: Yellow carbryn (U.S. MSHA approved).

EXPLORER PLUS AIR HOSE

PART NO.	I.D.	O.D.	MAX. WORK PRESSURE
EPA-50-400	1/2"	0.94"	400 psi
EPA-75-400	3/4"	1.18"	400 psi
EPA-100-400	1"	1.47"	400 psi
EPA-125-400	1-1/4"	1.75"	400 psi
EPA-150-400	1-1/2"	2.02"	400 psi
EPA-200-400	2"	2.54"	400 psi

Versatile heavy duty air hose for mining, construction, and industrial applications where higher pressures are encountered. Temperature range of -40°C to 93°C. Tube: Black synthetic. Reinforcement: Synthetic yarn. Cover: Abrasion and weather resistant yellow synthetic (wrapped finish). Please see page X3 for assemblies.

ULTRABRAID™ STEEL AIR HEAVY DUTY HOSE

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
USA-50	1/2"	.905"	750 psi
USA-75	3/4"	1.14"	750 psi
USA-100	1"	1.44"	750 psi
USA-125	1-1/4"	1.81"	500 psi
USA-150	1-1/2"	1.98"	500 psi
USA-200	2"	2.54"	500 psi

Ultrabraid Steel Air is a heavy duty, wrapped finish, wire braided air hose for use in severe industrial applications as well as for service in mines, quarries, and construction jobs. Tube: Black Chemigum® synthetic rubber, RMA Class B medium-high oil resistance. Reinforcement: Braided (1) steel wire. Cover: Yellow Chemivic® synthetic rubber (wrapped impression), RMA Class B (Medium - High Oil Resistance) MSHA approved. Temperature: -40°C to 104°C.

PLICORD® STEEL AIR & MULTIPURPOSE HOSE

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PSA-300	3"	3-52/64"	500 psi
PSA-400	4"	4-58/64"	500 psi

A high pressure air hose for heavy duty service in construction, mines, quarries, and industry. Tube: Black SBR/Nitrile, RMA Class B (Medium - High Oil resistance). Reinforcement: Spiral plied steel wire. Cover: Yellow Plioflex® (wrapped impression), RMA Class B (Medium - High Oil Resistance). Temperature: -32°C to 82°C.

Please see a Gregg Distributors representative if you require specific application recommendations.

PYROFLEX II HOT AIR HOSE

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PHA-300	3"	3.547"	50 psi
PHA-400	4"	4.609"	50 psi

Designed to handle hot air to the tank on dry bulk material trucks. Capable of handling temperatures up to 163°C in continuous service. Tube: Black versigard. Reinforcement: Synthetic fabric with wire helix. Cover: Black versigard.

GOODYEAR
INDUSTRIAL HOSE

AIR HOSE
Kuri-Tec® Industrial

Kuri Tec

PVC AIR & WATER HOSE

Flexible PVC compound reinforced with high tensile strength yarn. Economical, lightweight, low temperature alternative to rubber hose. Complies with RMA's Class B designation for medium oil resistance. Applications include transfer of air, water, and mild water soluble chemicals. Excellent air supply line for pneumatic tools and paint spray systems. Temperature range of -26°C to 65°C. Please see page X3 for assemblies.

PART NO.	I.D.	O.D.	MAX. WORK. PRES. @ 20°C	COLOUR
K1171-04	1/4"	0.475"	300 psi	Yellow
K1171-06	3/8"	0.600"	300 psi	Yellow
K1174-04	1/4"	0.475"	300 psi	Red
K1174-06	3/8"	0.600"	300 psi	Red
K1176-04	1/4"	0.475"	300 psi	Blue
K1176-06	3/8"	0.600"	300 psi	Blue
K1176-08	1/2"	0.750"	300 psi	Blue
K1136-12	3/4"	1.125"	250 psi	Blue

These hoses, made from specially formulated compounds of high grade PVC resin, are engineered to be tough and flexible at very low temperatures. The superior physical properties and design of the hose makes it outperform other general purpose PVC and rubber hoses in cold weather air tool applications. Please see page X3 for assemblies.

TUNDRA-AIR™ LOW TEMPERATURE AIR & WATER HOSE

CONSTRUCTION:
•Tube - high grade low temperature PVC compound
•Reinforcement - high tensile strength polyester yarn
•Cover - high grade low temperature PVC compound, yellow colour

FEATURES:
•Excellent low temperature flexibility •Extremely easy to handle, even in cold weather where other PVC hoses become stiff •Excellent abrasion resistance •Resilient material avoids permanent deformation caused by stresses •Medium Class B oil resistance •Non-marking pin-pricked cover •Light weight •Silicone-free materials

APPLICATIONS:
•Outdoor air and water hose for use in cold weather, where flexibility is required. •Ideal for in-plant applications that require very easy handling in tight workspaces. •In-plant freezer applications requiring air or water service •A versatile, lightweight multi-function hose for air, water, or mild chemical use.

SERVICE TEMPERATURE RANGE: -40°F (-40°C) to 150°F (+65°C)

PART NO.	I.D.	O.D.	MAX. WORK. PRES. @ 20°C
K1231-04	1/4"	.500"	300 psi
K1231-06	3/8"	.625"	300 psi
K1231-08	1/2"	.781"	300 psi

POLYURETHANE AIR TOOL HOSE

An extremely lightweight, tough, flexible pneumatic air tool hose that is suitable for a wide range of industrial and construction applications. The light weight and flexibility of this hose helps to cut down on work related injuries. Good flex fatigue and resilience characteristics. Excellent resistance to oils and solvents; complies with RMA's Class A designation. Tube: Clear ether-based polyurethane. Reinforcement: High tensile strength yarn. Cover: Ether-based polyurethane. Surface temperature range: -40°C to 85°C •Superior cut resistance •High abrasion resistance (provides extra long life compared with PVC or rubber) •Good resistance to hydrolysis and algae in warm water applications •Non-marking, silicone free core and cover •Non-conductive compounds •For use with pneumatic air tools such as roofing nailers, sanders, chippers, impact wrenches, etc.; auto repair and body shops; construction sites; marine applications; spray painting equipment
Please see page X5 for assemblies.

PART NO.	I.D.	O.D.	MAX. WORK. PRES. @ 20°C
K5090-04	1/4"	.395"	250 psi
K5090-06	3/8"	.560"	250 psi
K5090-08	1/2"	.688"	225 psi

Please see a Gregg Distributors representative if you require specific application recommendations.

AIR HOSE ASSEMBLIES
Goodyear Industrial

GOODYEAR INDUSTRIAL HOSE

HORIZON AIR-WATER HOSE ASSEMBLIES

COMPLETE HOSE ASSEMBLY PART NO.	ASSEMBLY SIZE	MAXIMUM WORK. PRESSURE	COUPLED
HA-HOR-25-1-25-4	1/4" x 25 ft.	200 psi	1/4"
HA-HOR-25-1-50-4	1/4" x 50 ft.	200 psi	1/4"
HA-HOR-25-2-25-4	1/4" x 25 ft.	250 psi	1/4"
HA-HOR-25-2-50-4	1/4" x 50 ft.	250 psi	1/4"
HA-HOR-31-1-25-4	5/16" x 25 ft.	200 psi	1/4"
HA-HOR-31-1-50-4	5/16" x 50 ft.	200 psi	1/4"
HA-HOR-31-2-25-4	5/16" x 25 ft.	250 psi	1/4"
HA-HOR-31-2-50-4	5/16" x 50 ft.	250 psi	1/4"
HA-HOR-38-1-25-4	3/8" x 25 ft.	200 psi	1/4"
HA-HOR-38-1-50-4	3/8" x 50 ft.	200 psi	1/4"
HA-HOR-38-2-25-4	3/8" x 25 ft.	250 psi	1/4"
HA-HOR-38-2-50-4	3/8" x 50 ft.	250 psi	1/4"
HA-HOR-38-1-25-6	3/8" x 25 ft.	200 psi	3/8"
HA-HOR-38-1-50-6	3/8" x 50 ft.	200 psi	3/8"
HA-HOR-38-2-25-6	3/8" x 25 ft.	250 psi	3/8"
HA-HOR-38-2-50-6	3/8" x 50 ft.	250 psi	3/8"
HA-HOR-50-1-25-6	1/2" x 25 ft.	200 psi	3/8"
HA-HOR-50-1-50-6	1/2" x 50 ft.	200 psi	3/8"
HA-HOR-50-2-25-6	1/2" x 25 ft.	250 psi	3/8"
HA-HOR-50-2-50-6	1/2" x 50 ft.	250 psi	3/8"
HA-HOR-50-1-25-8	1/2" x 25 ft.	200 psi	1/2"
HA-HOR-50-1-50-8	1/2" x 50 ft.	200 psi	1/2"
HA-HOR-50-2-25-8	1/2" x 25 ft.	250 psi	1/2"
HA-HOR-50-2-50-8	1/2" x 50 ft.	250 psi	1/2"

General industrial service, air-water and water soluble spray applications, Diamond Drill service. Temperature range of -29°C to 88°C. Tube: Black versigard. Reinforcement: Synthetic cord. Cover: Red versigard.

Double Punch Locked at Each End; c/w 2 Chicago fittings.
Part No. HA-HOR-75-2-50-UC, 3/4" x 50 ft. Horizon 250 psi hose assembly.
Part No. HA-HOR-100-2-50-UC, 1" x 50 ft. Horizon 200 psi hose assembly.

HA-HOR-100-2-50-UC

HA-HOR-38-1-25-6

AIR HOSE ASSEMBLIES
Goodyear Industrial

GOODYEAR INDUSTRIAL HOSE

ORTAC MULTI-PURPOSE HOSE ASSEMBLIES

High quality multi-purpose hose recommended for air, water, and petroleum service in most general plant applications. Temperature range of -29°C to 82°C. Tube: Chemigum (high ORS). Reinforcement: Synthetic fibre. Cover: Red carbryn (ORS, MSHA).

COMPLETE HOSE ASSEMBLY PART NO.	ASSEMBLY SIZE	MAXIMUM WORK. PRESSURE	COUPLED
HA-ORT-25-1-25-4	1/4" x 25 ft.	250 psi	1/4"
HA-ORT-25-1-50-4	1/4" x 50 ft.	250 psi	1/4"
HA-ORT-25-2-25-4	1/4" x 25 ft.	300 psi	1/4"
HA-ORT-25-2-50-4	1/4" x 50 ft.	300 psi	1/4"
HA-ORT-31-2-25-4	5/16" x 25 ft.	250 psi	1/4"
HA-ORT-31-2-50-4	5/16" x 50 ft.	250 psi	1/4"
HA-ORT-38-1-25-4	3/8" x 25 ft.	250 psi	1/4"
HA-ORT-38-1-50-4	3/8" x 50 ft.	250 psi	1/4"
HA-ORT-38-2-25-4	3/8" x 25 ft.	300 psi	1/4"
HA-ORT-38-2-50-4	3/8" x 50 ft.	300 psi	1/4"
HA-ORT-38-1-25-6	3/8" x 25 ft.	250 psi	3/8"
HA-ORT-38-1-50-6	3/8" x 50 ft.	250 psi	3/8"
HA-ORT-38-2-25-6	3/8" x 25 ft.	300 psi	3/8"
HA-ORT-38-2-50-6	3/8" x 50 ft.	300 psi	3/8"
HA-ORT-50-1-25-6	1/2" x 25 ft.	250 psi	3/8"
HA-ORT-50-1-50-6	1/2" x 50 ft.	250 psi	3/8"
HA-ORT-50-2-25-6	1/2" x 25 ft.	300 psi	3/8"
HA-ORT-50-2-50-6	1/2" x 50 ft.	300 psi	3/8"
HA-ORT-50-1-25-8	1/2" x 25 ft.	250 psi	1/2"
HA-ORT-50-1-50-8	1/2" x 50 ft.	250 psi	1/2"
HA-ORT-50-2-25-8	1/2" x 25 ft.	300 psi	1/2"
HA-ORT-50-2-50-8	1/2" x 50 ft.	300 psi	1/2"

EXPLORER PLUS AIR HOSE ASSEMBLIES

Versatile heavy duty air hose for mining, construction, and industrial applications where higher pressures are encountered. Temperature range of -40°C to 93°C. Tube: Black synthetic. Reinforcement: Synthetic yarn. Cover: Abrasion and weather resistant yellow synthetic (wrapped finish).

Explorer hose assembly c/w 2 hose stems with wing nut fastened by clamp style couplings:
Part No. HA-EPA-75-400-50-DB, 3/4" x 50 ft.
Part No. HA-EPA-100-400-50-DB, 1" x 50 ft.
Part No. HA-EPA-125-400-50-DB, 1¼" x 50 ft.
Part No. HA-EPA-150-400-50-DB, 1½" x 50 ft.
Part No. HA-EPA-200-400-50-DB, 2" x 50 ft.

Explorer hose assembly c/w 2 Chicago fittings and double punch locked at each end:
Part No. HA-EPA-75-400-50-UC, 3/4" x 50 ft.
Part No. HA-EPA-100-400-50-UC, 1" x 50 ft.
Part No. HA-EPA-125-400-50-UC, 1¼" x 50 ft.
Part No. HA-EPA-150-400-50-UC, 1½" x 50 ft.
Part No. HA-EPA-200-400-50-UC, 2" x 50 ft.

Kuri-Tec® Industrial

PVC AIR & WATER HOSE ASSEMBLIES

Conveniently assembled and wrapped for display purposes. All hoses come with crimped-on brass 1/4" male NPT fittings.

PART NO.	DESCRIPTION	COLOUR
HS1171-04X25	1/4" x 25 ft.	Yellow
HS1171-04X50	1/4" x 50 ft.	Yellow
HS1171-06X25	3/8" x 25 ft.	Yellow
HS1171-06X50	3/8" x 50 ft.	Yellow
HS1174-04X25	1/4" x 25 ft.	Red
HS1174-04X50	1/4" x 50 ft.	Red
HS1174-06X25	3/8" x 25 ft.	Red
HS1174-06X50	3/8" x 50 ft.	Red
HS1176-04X25	1/4" x 25 ft.	Blue
HS1176-04X50	1/4" x 50 ft.	Blue
HS1176-06X25	3/8" x 25 ft.	Blue
HS1176-06X50	3/8" x 50 ft.	Blue

Flexible PVC compound reinforced with high tensile strength yarn. Economical, lightweight, low temperature alternative to rubber hose. Complies with RMA's Class B designation for medium oil resistance. Applications include transfer of air, water, and mild water soluble chemicals. Excellent air supply line for pneumatic tools and paint spray systems. Temperature range of -26°C to 65°C.

TUNDRA-AIR™ LOW TEMPERATURE AIR & WATER HOSE ASSEMBLIES

Conveniently assembled and wrapped for display purposes. Hose assemblies are furnished with the following fittings: 1/4" ID - 1/4" x 1/4" M NPT, 3/8" ID - 3/8" x 1/4" M NPT.

Part No. HS1231-04X25, 1/4" x 25 ft.
Part No. HS1231-04X50, 1/4" x 50 ft.
Part No. HS1231-04X100, 1/4" x 100 ft.
Part No. HS1231-06X25, 3/8" x 25 ft.
Part No. HS1231-06X50, 3/8" x 50 ft.
Part No. HS1231-06X100, 3/8" x 100 ft.

These hoses, made from specially formulated compounds of high grade PVC resin, are engineered to be tough and flexible at very low temperatures. The superior physical properties and design of the hose makes it outperform other general purpose PVC and rubber hoses in cold weather air tool applications. Temperature range of -40°F (-40°C) to 150°F (+65°C).

POLYURETHANE AIR TOOL HOSE ASSEMBLIES

Conveniently assembled in 25 ft., 50 ft., or 100 ft. lengths.

Part No. HS5090-04X25, 1/4" x 25 ft.
Part No. HS5090-04X50, 1/4" x 50 ft.
Part No. HS5090-04X100, 1/4" x 100 ft.
Part No. HS5090-06X25, 3/8" x 25 ft.
Part No. HS5090-06X50, 3/8" x 50 ft.
Part No. HS5090-06X100, 3/8" x 100 ft.
Part No. HS5090-08X25, 1/2" x 25 ft.
Part No. HS5090-08X50, 1/2" x 50 ft.

Kuri Tec®

Please see a Gregg Distributors representative if you require specific application recommendations.

AIR HOSE ASSEMBLIES

Kuri-Tec® Industrial

Kuri Tec

POLYURETHANE SELF-STORE AIR HOSE ASSEMBLIES — C/W 1/4" SWIVEL FITTINGS

Part No. HSC2846-04X10, 1/4" x 10 ft.
Part No. HSC2846-04X15, 1/4" x 15 ft.
Part No. HSC2846-04X20, 1/4" x 20 ft.
Part No. HSC2846-04X25, 1/4" x 25 ft.
Part No. HSC2846-04X30, 1/4" x 30 ft.
Part No. HSC2846-04X50, 1/4" x 50 ft.
Part No. HSC2846-06X10, 3/8" x 10 ft.
Part No. HSC2846-06X15, 3/8" x 15 ft.
Part No. HSC2846-06X20, 3/8" x 20 ft.
Part No. HSC2846-06X25, 3/8" x 25 ft.
Part No. HSC2846-06X50, 3/8" x 50 ft.
Part No. FSP-404, 1/4" male swivel hose fitting.
Part No. FSP-606, 3/8" male swivel hose fitting.

Polyurethane Hose Features:
•Blue non-marking polyurethane
•4" pigtail and 20" whip end
•Highly kink, abrasion, and oil resistant
•Flexible and lightweight
•Can be used to transfer air, fluids, and chemicals
•Temperature range of -18°C to +85°C

Please see a Gregg Distributors representative if you require specific application recommendations.

WATER HOSE

Goodyear Industrial

GARDEN HOSE

For lawn, garden, and low pressure water service. Tube: Versigard (non ORS). Reinforcement: Synthetic cord. Cover: Green versigard (smooth finish - non ORS). Please see page X11 for assemblies.
Part No. GH-1, 1/2" green rubber garden hose.

GOODYEAR INDUSTRIAL HOSE

PLICORD GREEN WASHDOWN HOSE

Plicord green washdown hose is a quality water discharge hose for the environments typically found in paper mills and other industrial operations. Tube: Black Plioflex synthetic rubber. Reinforcement: Spiral plied synthetic fabric Cover: Green Plioflex synthetic rubber (wrapped impression). Temperature: -32°C to 93°C.

PART NO.	I.D.	O.D.	MAX. PRESSURE
PGW-75	3/4"	1-11/64"	150 psi

PRIMELINE PVC DISCHARGE HOSE

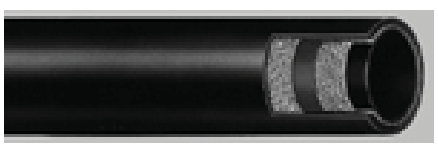
Recommended for water discharge service. 3:1 safety factor. Temperature range of -23°C to 65°C. Tube: Black pliovic. Reinforcement: Two spiral and one longitudinal fibre. Cover: Grey pliovic.

PART NO.	I.D.	MAX. WORK. PRESSURE
PVC-150	1-1/2"	75 psi
PVC-200	2"	60 psi
PVC-250	2-1/2"	60 psi
PVC-300	3"	50 psi
PVC-400	4"	45 psi
PVC-600	6"	35 psi

PLICORD WATER DISCHARGE HOSE

Used for medium and heavy duty water discharge service in mines and construction work. Temperature range of -32°C to 82°C. Tube: Plioflex. Reinforcement: Synthetic fabric. Cover: Black plioflex (wrapped finish). Please see page X7 for assemblies.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PWD-125	1-1/4"	1.500"	150 psi
PWD-150	1-1/2"	1.734"	150 psi
PWD-200	2"	2.281"	150 psi
PWD-250	2-1/2"	2.750"	150 psi
PWD-300	3"	3.328"	150 psi
PWD-400	4"	4.344"	150 psi
PWD-600	6"	6.375"	150 psi



SPIRAFLEX PREMIER SUCTION & DISCHARGE HOSE

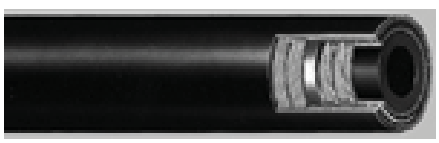
Medium duty suction and discharge hose designed for use in agricultural, construction, and general industrial service. Safety factor — 3:1 burst. Temperature range of -40°C to 70°C. Tube: Black TPE. Cover: Yellow thermoplastic helix.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PRE-125	1-1/4"	1.65"	50 psi
PRE-150	1-1/2"	1.84"	50 psi
PRE-200	2"	2.43"	50 psi
PRE-250	2-1/2"	2.94"	50 psi
PRE-300	3"	3.52"	43 psi
PRE-400	4"	4.61"	38 psi

CONTRACTOR'S WATER SUCTION & DISCHARGE HOSE

Economical general purpose water suction and discharge hose. Its lightweight construction affords ease of handling and makes tight bends without kinking. Ideally suited for a wide range of construction jobs. Temperature range of -32°C to 82°C. Tube: Black plioflex. Reinforcement: Synthetic fabric with wire helix. Cover: Black plioflex (wrapped finish). Please see page X7 for assemblies.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
CWS-125	1-1/4"	1.61"	100 psi
CWS-150	1-1/2"	1.88"	100 psi
CWS-200	2"	2.40"	100 psi
CWS-250	2-1/2"	2.93"	100 psi
CWS-300	3"	3.46"	100 psi
CWS-400	4"	4.54"	100 psi
CWS-600	6"	6.66"	75 psi



POWER WASH FITTINGS

1/4" and 3/8" bite to wire power wash fittings. Only for use with the following Goodyear hoses: •Neptune 3000 •Gauntlet® 3000 •NOT intended for use with Whitewater and Galvanator 3000 High Pressure Hose

NPTF MALE SOLID

PART NO.	HOSE SIZE	THREAD SIZE
PW44MP	1/4"	1/4-18
PW66MP	3/8"	3/8-18

NPTF MALE SWIVEL

PART NO.	HOSE SIZE	THREAD SIZE
PW44PS	1/4"	1/4-18
PW66PS	3/8"	3/8-18

NEPTUNE 3000 HOSE

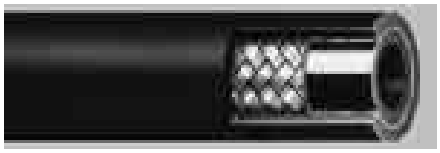
Specifically designed for use on pressure washers with working pressures of 3000 psi and temperatures to 121°C. Compounded to be resistant to the cleaning chemical used in the pressure washing industry. Tube: Chemigum, ORS, RMA Class A. Reinforcement: Braided high strength wire. Cover: Blue, oil resistant synthetic rubber RMA Class B. Please see page X7 for assemblies.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
NEP-25	1/4"	.531"	3000 psi
NEP-38	3/8"	.688"	3000 psi
NEP-50	1/2"	.813"	3000 psi

WHITEWATER HIGH PRESSURE HOSE

Designed for use on either steam cleaner machines or combination steam cleaner/pressure washer machines. Whitewater handles steam up to 163°C at 350 psi with a safety factor in excess of 10:1. Whitewater handles hot water up to 121°C at 3000 psi with a 4:1 safety factor. The tube and cover compounds used in Whitewater are resistant to the chemicals used in the pressure washer and steam cleaner market. Tube: Black, heat resistant synthetic rubber, RMA Class C. Reinforcement: One wire braid. Cover: Black, heat and oil resistant synthetic, RMA Class B. Please see page X8 for assemblies.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
WHI-38	3/8"	.688"	3000 psi
WHI-50	1/2"	.813"	2500 psi



GALVANATOR™ 3000 CLEANING EQUIPMENT HOSE

Designed for pressure washer equipment. Its rust resistant reinforcement and superior abrasion resistant cover provides maximum protection against adverse affects of water, oil, and animal fats. Tube: Black Chemigum®. Reinforcement: Braided (2) steel wires. Cover: Yellow Carbryn® (wrapped finish); ORS, RMA Class A (High Oil Resistance). Temperature: -29°C to 121°C. Note: not recommended for steam service.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
GAL-38	3/8"	.692"	3000 psi
GAL-50	1/2"	.820"	3000 psi

GAUNTLET® 3000 CLEANING EQUIPMENT HOSE

Designed for pressure washer machines with working pressure up to 3000 psi. Its super abrasion resistant cover provides maximum protection against adverse affects of oil and animal fats. Tube: Black Chemigum®. Reinforcement: Braided (1) steel wire. Cover: Yellow oil resistant Carbryn®; RMA Class A (High Oil Resistance). Temperature: -29°C to 121°C. Note: not recommended for steam service.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
GAU-38	3/8"	.692"	3000 psi
GAU-50	1/2"	.820"	3000 psi

NEPTUNE® 1500 CLEANING EQUIPMENT HOSE

Designed for pressure washer equipment and carpet cleaners, agricultural sprayers and high pressure air lines. Tube: Chemigum®. Reinforcement: Braided (1) synthetic yarn (3/4" - 2 Braid) Cover: Gray oil resistant synthetic rubber, RMA Class B (Medium - High Oil Resistance). Temperature: -29°C to 93°C. Note: not recommended for steam service.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
CPT-25	1/4"	.585"	1500 psi

GOODYEAR
INDUSTRIAL HOSE

Please see a Gregg Distributors representative if you require specific application recommendations.

BEND RESTRICTORS

Bend restrictors are recommended for use on pressure washer hoses. They are designed to provide longer service life by preventing excessive bending behind the fitting. Recommended for temperatures up to 121°C.

Part No. 4888-8796, Black thermoplastic restrictor for Neptune 1/4" I.D. hose.

Part No. 4888-8804, Black thermoplastic restrictor for Neptune 3/8" I.D. hose.

Part No. 4888-8812, Black thermoplastic restrictor for Neptune 1/2" I.D. hose.

Part No. 4888-8820*, Black synthetic rubber restrictor for Whitewater 3/8" I.D. hose.

**Note: Recommended for temperatures up to 163°C.*

WATER HOSE
Kuri-Tec® Industrial

R.V./MARINE HOSE
Non-toxic white PVC reinforced with high tensile strength yarn covered with a clear non-toxic PVC. Compounded with FDA certified materials. Certified with I.A.P.M.O. for use in recreational vehicle cold water systems. Applications include water pressure lines and drinking water lines in R.V. and pleasure crafts. Temperature range of 0°C to 52°C. Please see page X8 for assemblies.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE @ 20°C
136-08	1/2"	.688"	150 psi

Kuri Tec®

Please see a Gregg Distributors representative if you require specific application recommendations.

TIGERFLEX® SPA HOSE
Flexible PVC construction with smooth bore interior for efficient transfer of water. Designed for installation of hot tubs, spas, swimming pools, and filters, etc. Solid cream in colour. Requires less fittings than rigid pipe therefore saves on costs. Temperature range of -20°C to 65°C.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE@ 22°C
F16MCR	1/2"	0.827"	100 psi
F20MCR	3/4"	1.055"	100 psi
F27MCR	1"	1.323"	100 psi
F36MCR	1-1/4"	1.665"	80 psi
F42MCR	1-1/2"	1.902"	70 psi
F52MCR	2"	2.382"	70 psi

TIGERFLEX® PVC SUCTION & DISCHARGE HOSE
General purpose PVC clear hose with either white, green or black helix. Designed for water suction and discharge service in industrial and agricultural applications. Smooth bore construction allows full flow. Some applications include construction and mining, suitable for air seeder equipment, irrigation lines, liquid fertilizer transfer, etc. Temperature range of -20°C to 65°C. Please see page X8 for assemblies.

PART NO. w/ WHITE HELIX	PART NO. w/ GREEN HELIX	PART NO. w/ BLACK HELIX	I.D.	O.D.	MAX. WORK. PRESSURE @ 20°C
H075	K075	-	3/4"	0.94"	110 psi
H100	K100	B100	1"	1.26"	85 psi
H125	K125	-	1-1/4"	1.51"	85 psi
H150	K150	-	1-1/2"	1.76"	70 psi
H200	K200	-	2"	2.32"	65 psi
H250	K250	B250	2-1/2"	2.87"	65 psi
H300	K300	-	3"	3.41"	65 psi
H400	K400	-	4"	4.55"	55 psi
-	K600	-	6"	6.75"	40 psi

SERIES BW WATER HOSE
HMW PVC clear construction allows for visual confirmation that material is flowing. HMW PVC body provides sub-zero flexibility. Smooth cover makes clamping easy. Clear body with blue helix provides easy identification. General applications: •General water suction and transfer •Construction, rental, and mining •Agricultural applications •Irrigation lines. Service Temperature Range: -40°C to 65.5°C

PART NO.	I.D.	O.D.	APPROX. BEND RADIUS	MAX.WORKING PRESSURE @ 20°C	VACUUM RATING @ 20°C
BW075	0.75"	0.94"	3"	115 psi	Full
BW100	1"	1.26"	3"	90 psi	Full
BW125	1.25"	1.51"	4"	90 psi	Full
BW150	1.5"	1.79"	5"	90 psi	Full
BW200	2"	2.38"	7"	90 psi	Full
BW250	2.5"	2.89"	8"	70 psi	Full
BW300	3"	3.44"	10"	65 psi	Full
BW400	4"	4.57"	15"	55 psi	Full
BW500	5"	5.57"	25"	45 psi	28
BW600	6"	6.77"	30"	40 psi	28

SINGLE JACKET MILL DISCHARGE HOSE
100% polyester single jacket discharge hose with rubber lining. Applications include washdown bays, plant clean-up and construction pumps. Temperature range of -31°C to 85°C.

PART NO.	I.D.	MAX. WORK. PRESSURE @ 20°C
SJMD-150	1-1/2"	150 psi
SJMD-200	2"	150 psi
SJMD-250	2-1/2"	150 psi

BLUE PVC WATER DISCHARGE HOSE
A tough, economical PVC water discharge hose featuring polyester yarn reinforcement and homogeneous PVC cover and tube. For applications requiring low to medium working pressure. Ideally suited for construction, agricultural, mining, drip irrigation, and general water discharge applications. Homogeneous virgin PVC construction eliminates separation of tube and cover. High tensile polyester yarn reinforcement provides strength and durability. Good for temperatures from -21°C to 54°C. Reel length 300 ft. Please see page X8 for assemblies.

PART NO.	SIZE I.D.	MAX. WORK. PRESSURE
SF10B-075	3/4"	70 psi
SF10B-100	1"	70 psi
SF10B-125	1-1/4"	70 psi
SF10B-150	1-1/2"	70 psi.
SF10B-200	2"	70 psi
SF10B-250	2-1/2"	60 psi
SF10B-300	3"	55 psi
SF10B-400	4"	45 psi
SF10B-600	6"	40 psi
SF10B-800	8"	35 psi

BROWN HEAVY DUTY WATER DISCHARGE HOSE
Constructed with premium quality PVC tube and cover, reinforced with two spiral plies and longitudinal synthetic cords. Use for agricultural, quarry, irrigation, mining, construction and industrial applications. Excellent as a portable hydrant or relay supply line hose. May be coiled or racked when wet. Resists kinking and twisting. High working pressure. High ozone resistance. Good for temperatures from -21°C to 54°C. Reel length 300 ft. Please see page X8 for assemblies.

PART NO.	SIZE I.D.	MAX. WORK. PRESSURE
SF50R-150	1-1/2"	120 psi.
SF50R-200	2"	115 psi
SF50R-250	2-1/2"	115 psi
SF50R-300	3"	100 psi
SF50R-400	4"	100 psi
SF50R-600	6"	80 psi
SF50R-800	8"	50 psi

WATER HOSE
Kanaflex® Industrial

Kanaflex®

300 EPDM is a heavy duty liquid suction hose used for dewatering and other construction applications, agricultural chemicals, etc. Offers long life and abrasion resistance; features an exposed helix for easy handling and dragging. It is lightweight, economical, and flexible even in low temperatures. Its temperature range is -40°C to 70°C. Construction: EPDM rubber sidewall with polyethylene helix, smooth bore, slightly corrugated O.D.

300 EPDM LIQUID SUCTION HOSE

PART NO.	I.D.	O.D.	MIN. BEND RADIUS	MAX. WORKING PRESSURE @ 22°C	VACUUM RATING
300EPDM100	1"	1.34"	1.9"	50 psi	29.8"
300EPDM125	1-1/4"	1.65"	3.2"	50 psi	29.8"
300EPDM150	1-1/2"	1.84"	3.2"	50 psi	29.8"
300EPDM200	2"	2.43"	5.2"	50 psi	29.8"
300EPDM250	2-1/2"	2.94"	5.6"	50 psi	29.8"
300EPDM300	3"	3.52"	7.1"	43 psi	29.8"
300EPDM400	4"	4.61"	11.0"	38 psi	29.8"
300EPDM600	6"	6.69"	20.0"	23 psi	28.0"

WATER HOSE ASSEMBLIES
Goodyear Industrial

GREEN RUBBER GARDEN HOSE ASSEMBLIES

For lawn, garden, and low pressure water service. Tube: Versigard (non ORS). Reinforcement: Synthetic cord. Cover: Green versigard (smooth finish - non ORS).
Part No. GHC-50, 1/2" x 50 ft.
Part No. GHC-100, 1/2" x 100 ft.

Please see a Gregg Distributors representative if you require specific application recommendations.

PLICORD WATER DISCHARGE HOSE ASSEMBLIES

Complete with female and male aluminum camlock. Double punch locked at each end. For medium and heavy duty water discharge service in mines and construction work. Temperature range of -32°C to 82°C. Tube: Plioflex. Reinforcement: Synthetic fabric. Cover: Black plioflex (wrapped finish).

50 ft. Plicord Water Discharge Hose Assemblies:
Part No. HA-PWD-150-50-CE, 1-1/2" x 50 ft.
Part No. HA-PWD-200-50-CE, 2" x 50 ft.
Part No. HA-PWD-300-50-CE, 3" x 50 ft.
Part No. HA-PWD-400-50-CE, 4" x 50 ft.
Part No. HA-PWD-600-50-CE, 6" x 50 ft.

100 ft. Plicord Water Discharge Hose Assemblies:
Part No. HA-PWD-150-100-CE, 1-1/2" x 100 ft.
Part No. HA-PWD-200-100-CE, 2" x 100 ft.
Part No. HA-PWD-300-100-CE, 3" x 100 ft.
Part No. HA-PWD-400-100-CE, 4" x 100 ft.
Part No. HA-PWD-600-100-CE, 6" x 100 ft.

CONTRACTOR'S WATER SUCTION HOSE ASSEMBLIES

Complete with female aluminum camlock, king nipple and suction strainer. Double punch locked at each end. An economical general purpose water suction and discharge hose. Its lightweight construction affords ease of handling and makes tight bends without kinking. Ideally suited for a wide range of construction jobs. Temperature range of -32°C to 82°C. Tube: Black plioflex. Reinforcement: Synthetic fabric with wire helix. Cover: Black plioflex (wrapped finish).
Part No. HA-CWS-200-20CS, 2" x 20 ft.
Part No. HA-CWS-300-20CS, 3" x 20 ft.
Part No. HA-CWS-400-20CS, 4" x 20 ft.

NEPTUNE 3000 HOSE ASSEMBLIES

Neptune 3000 hose is specially designed for use on pressure washers with working pressures of 3000 psi and temperatures to 121°C. Compounded to be resistant to the cleaning chemicals used in the pressure washing industry. Tube: Chemigum, ORS, RMA, Class A. Reinforcement: Braided high strength wire. Cover: Blue oil resistant synthetic rubber RMA Class B. *Note: (2) solid MNPT crimp-on ends.*

Includes 2 Goodyear 1/4" MNPT crimp-on ends and 2 bend restrictors:
Part No. HA-NEP-25-25-4, 1/4" x 25 ft.
Part No. HA-NEP-25-50-4, 1/4" x 50 ft.
Part No. HA-NEP-25-75-4, 1/4" x 75 ft.
Part No. HA-NEP-25-100-4, 1/4" x 100 ft.

Includes 2 Goodyear 3/8" MNPT crimp-on ends and 2 bend restrictors:
Part No. HA-NEP-38-25-6, 3/8" x 25 ft.
Part No. HA-NEP-38-50-6, 3/8" x 50 ft.
Part No. HA-NEP-38-60-6, 3/8" x 60 ft.
Part No. HA-NEP-38-75-6, 3/8" x 75 ft.
Part No. HA-NEP-38-100-6, 3/8" x 100 ft.

Includes 2 Aeroquip 1/2" MNPT crimp-on ends and 2 bend restrictors:
Part No. HA-NEP-50-25-8, 1/2" x 25 ft.
Part No. HA-NEP-50-50-8, 1/2" x 50 ft.
Part No. HA-NEP-50-75-8, 1/2" x 75 ft.
Part No. HA-NEP-50-100-8, 1/2" x 100 ft.

GOODYEAR INDUSTRIAL HOSE

WATER HOSE ASSEMBLIES

Goodyear Industrial

WHITEWATER HIGH PRESSURE HOSE ASSEMBLIES

Whitewater hose is designed for use on either steam cleaner machines or combination steam cleaner/pressure washer machines. Whitewater handles steam up to 163°C at 350 psi with a safety factor in excess of 10:1. It also handles hot water up to 121°C at 3000 psi with a 4:1 safety factor. The tube and cover compounds used in Whitewater are resistant to the chemicals used in the pressure washer and steam cleaner market. Tube: Black, heat resistant synthetic rubber, RMA Class C. Reinforcement: One wire braid. Cover: Black, heat and oil resistant synthetic, RMA Class B. *Note: (1) solid and (1) swivel MNPT crimp-on ends.*

Includes 2 Aeroquip 3/8" MNPT crimp-on ends and 2 bend restrictors:

Part No. HA-WHI-38-25-6, 3/8" x 25 ft.
Part No. HA-WHI-38-50-6, 3/8" x 50 ft.
Part No. HA-WHI-38-60-6, 3/8" x 60 ft.
Part No. HA-WHI-38-75-6, 3/8" x 75 ft.
Part No. HA-WHI-38-100-6, 3/8" x 100 ft.

Includes 2 Aeroquip 1/2" MNPT crimp-on ends and 2 bend restrictors:

Part No. HA-WHI-50-25-8, 1/2" x 25 ft.
Part No. HA-WHI-50-50-8, 1/2" x 50 ft.
Part No. HA-WHI-50-75-8, 1/2" x 75 ft.
Part No. HA-WHI-50-100-8, 1/2" x 100 ft.

Please see a Gregg Distributors representative if you require specific application recommendations.

Kuri-Tec® Industrial

R.V./MARINE HOSE ASSEMBLIES

Conveniently assembled and wrapped for display purposes. All hoses come with male/female spun garden hose connections. Non-toxic white PVC reinforced with high tensile strength yarn covered with a clear non-toxic PVC. Compounded with FDA certified materials. Certified with I.A.P.M.O. for use in recreational vehicle cold water systems. Applications include water pressure lines and drinking water lines in R.V. and pleasure crafts. Temperature range of 0°C to 52°C.
Part No. HS136-08X25, 1/2" x 25 ft.
Part No. HS136-08X50, 1/2" x 50 ft.

PVC GARDEN HOSE ASSEMBLY

Assembled and packaged in coupled lengths for display purposes. Blue PVC compound uniquely blended to make this hose look and feel like comparable rubber hose and to stay flexible at low temperatures. Its lightweight features make it an easier hose to handle than conventional rubber assemblies. Temperature range of -26°C to 65°C.
Part No. HS1176-08X50, 1/2" x 50 ft. - coupled.

TIGERFLEX PVC SUCTION & DISCHARGE HOSE ASSEMBLIES

Complete with female aluminum camlock, king nipple, and strainer. Double punch locked at each end. General purpose PVC clear hose with green helix. Designed for water suction and discharge service in industrial and agricultural applications. Smooth bore construction allows full flow. Some applications include construction and mining, irrigation lines, liquid fertilizer transfer, etc. Temperature range of -20°C to 65°C.
Part No. HA-K200-20-CS, 2" x 20 ft.
Part No. HA-K300-20-CS, 3" x 20 ft.
Part No. HA-K400-20-CS, 4" x 20 ft.

BLUE PVC WATER DISCHARGE HOSE ASSEMBLIES

A tough, economical PVC water discharge hose featuring polyester yarn reinforcement and homogeneous PVC cover and tube. For applications requiring low to medium working pressure. Ideally suited for construction, agricultural, mining, drip irrigation, and general water discharge applications. Homogeneous virgin PVC construction eliminates separation of tube and cover. High tensile polyester yarn reinforcement provides strength and durability. Good for temperatures from -21°C to 54°C. Hose assemblies come complete with female and male aluminum camlocks, and are double punch locked at each end.
Part No. HA-SF10B-150-50-CE, 1-1/2" x 50 ft. PVC 70 psi hose assembly.
Part No. HA-SF10B-200-50-CE, 2" x 50 ft. PVC 70 psi hose assembly.
Part No. HA-SF10B-300-50-CE, 3" x 50 ft. PVC 55 psi hose assembly.
Part No. HA-SF10B-400-50-CE, 4" x 50 ft. PVC 45 psi hose assembly.
Part No. HA-SF10B-600-50-CE, 6" x 50 ft. PVC 40 psi hose assembly.

Part No. HA-SF10B-150-100-CE, 1-1/2" x 100 ft. PVC 70 psi hose assembly.
Part No. HA-SF10B-200-100-CE, 2" x 100 ft. PVC 70 psi hose assembly.
Part No. HA-SF10B-300-100-CE, 3" x 100 ft. PVC 55 psi hose assembly.
Part No. HA-SF10B-400-100-CE, 4" x 100 ft. PVC 45 psi hose assembly.
Part No. HA-SF10B-600-100-CE, 6" x 100 ft. PVC 40 psi hose assembly.

BROWN HEAVY DUTY WATER DISCHARGE HOSE ASSEMBLIES

Constructed with premium quality PVC tube and cover, reinforced with two spiral plies and longitudinal synthetic cords. Use for agricultural, quarry, irrigation, mining, construction and industrial applications. Excellent as a portable hydrant or relay supply line hose. May be coiled or racked when wet. Resists kinking and twisting. High working pressure. High ozone resistance. Good for temperatures from -21°C to 54°C. All hose assemblies come complete with female and male aluminum camlocks, and are double punch locked at each end.
Part No. HA-SF50R-150-50-CE, 1-1/2" x 50 ft. PVC 120 psi hose assembly.
Part No. HA-SF50R-200-50-CE, 2" x 50 ft. PVC 115 psi hose assembly.
Part No. HA-SF50R-300-50-CE, 3" x 50 ft. PVC 100 psi hose assembly.
Part No. HA-SF50R-400-50-CE, 4" x 50 ft. PVC 100 psi hose assembly.
Part No. HA-SF50R-600-50-CE, 6" x 50 ft. PVC 80 psi hose assembly.

Part No. HA-SF50R-150-100-CE, 1-1/2" x 100 ft. PVC 120 psi hose assembly.
Part No. HA-SF50R-200-100-CE, 2" x 100 ft. PVC 115 psi hose assembly.
Part No. HA-SF50R-300-100-CE, 3" x 100 ft. PVC 100 psi hose assembly.
Part No. HA-SF50R-400-100-CE, 4" x 100 ft. PVC 100 psi hose assembly.
Part No. HA-SF50R-600-100-CE, 6" x 100 ft. PVC 80 psi hose assembly.

Kuri Tec®

WATER HOSE ASSEMBLIES
Industrial Rubber

Please see a Gregg Distributors representative if you require specific application recommendations.

INDUSTRIAL GARDEN HOSE ASSEMBLIES

Industrial water hose assemblies are manufactured from black industrial grade rubber hose. It is a more robust, kink-resistant hose than conventional garden hose assemblies. All assemblies come with machined brass garden hose connections.

Part No. CWB-050-150-GH2, 1/2" x 25 ft.
Part No. CWB-050-150-GH5, 1/2" x 50 ft.
Part No. CWB-050-150-GH7, 1/2" x 75 ft.
Part No. CWB-050-150-GH10, 1/2" x 100 ft.

Part No. CWB-063-200-GH2, 5/8" x 25 ft.
Part No. CWB-063-200-GH5, 5/8" x 50 ft.
Part No. CWB-063-200-GH7, 5/8" x 75 ft.
Part No. CWB-063-200-GH10, 5/8" x 100 ft.

Part No. CWB-075-150-GH2, 3/4" x 25 ft.
Part No. CWB-075-150-GH5, 3/4" x 50 ft.
Part No. CWB-075-150-GH7, 3/4" x 75 ft.
Part No. CWB-075-150-GH10, 3/4" x 100 ft.

STEAM & WELDING HOSE/HOSE ASSEMBLIES
Goodyear Industrial

ULTRABRAID STEEL STEAM HOSE

Designed to meet the most severe steam hose applications. For service to 250 psi and 218°C saturated steam. 10:1 safety factor. Tube: Black chlorobutyl. Reinforcement: Steel wire. Cover: Red pyrosyn (wrapped finish).

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
FSS-50	1/2"	1.06"	250 psi
FSS-75	3/4"	1.31"	250 psi
FSS-100	1"	1.59"	250 psi
FSS-125	1-1/4"	1.86"	250 psi
FSS-150	1-1/2"	2.09"	250 psi
FSS-200	2"	2.74"	250 psi

GEMINI TWIN-LINE WELDING HOSE

Premium quality hose produced to rigid specifications to withstand tough welding environments and provide long wear and handling ease. Temperature range of -40°C to 93°C. Tube: Grade R - versigard, black. Reinforcement: Synthetic fibre. Cover: Grade R - versigard, red for acetylene/green for oxygen. Please see listing at right for assemblies.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
L100-25	1/4"	.531"	200 psi

GEMINI TWIN-LINE WELDING HOSE ASSEMBLIES

Premium quality hose produced to rigid specifications to withstand tough welding environments and provide long wear and handling ease. Temperature range of -40°C to 93°C. Tube: Grade R - versigard, black. Reinforcement: Synthetic fibre. Cover: Grade R - versigard, red for acetylene/green for oxygen.

Gemini Welding Hose Assembly c/w 2, 9/16-18 thread L.H. (acetylene) and 2, 9/16-18 thread R.H. (oxygen) fittings. Crimped with brass ferrules.

Part No. HA-L100-25-25-4, 1/4" x 25 ft.
Part No. HA-L100-25-30-4, 1/4" x 30 ft.
Part No. HA-L100-25-50-4, 1/4" x 50 ft.
Part No. HA-L100-25-75-4, 1/4" x 75 ft.
Part No. HA-L100-25-100-4, 1/4" x 100 ft.

GOODYEAR INDUSTRIAL HOSE

PETROLEUM HOSE
Goodyear Industrial

PREMIUM FARM FUEL HOSE

Premium Farm Fuel hose is designed for agricultural fuel dispensing service. This hose is suitable for unleaded and alcohol extended fuels. It has a temperature range of -37°C to 82°C. Tube: Black chemigum. Reinforcement: Synthetic cord. Cover: Black wingprene. Please see page X12 for assemblies.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
AGF-75	3/4"	1.094"	75 psi
AGF-100	1"	1.375"	75 psi
AGF-125*	1-1/4"	1.80"	250 psi

*Has a red cover.

ARCTIC ORTAC FUEL DISCHARGE HOSE WITH STATIC WIRE

Arctic Ortac is a premium multi-purpose hose for air, oil, water, kerosene, and some chemical applications. Stays flexible and can be reeled up at temperatures as low as -54°C. Tube: Black, low temperature, oil resistant ECO. Reinforcement: Braided synthetic cord. Cover: Black with blue stripe (smooth jacket) ultra-low temperature, oil resistant synthetic rubber.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PAO-25	1/4"	0.629"	300 psi
PAO-38	3/8"	0.748"	300 psi
PAO-50	1/2"	0.960"	300 psi

ARCTIC SOFTWALL PLUS FUEL DISCHARGE HOSE WITH STATIC WIRE

This is a premium gas pump hose designed specially for extremely cold environments. Remains flexible where temperatures of -54°C are encountered. ULC and UL approved. Tube: Black, low temperature synthetic rubber. Reinforcement: Braided synthetic cord with anti-static wire. Cover: Black, low temperature synthetic rubber (wrapped jacket). Please see page X12 for assemblies.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
ASW-75	3/4"	1.125"	300 psi
ASW-100	1"	1.500"	300 psi

PETROLEUM HOSE
Goodyear Industrial

GOODYEAR INDUSTRIAL HOSE

PLICORD ARCTIC ORTAC FUEL DISCHARGE HOSE WITH STATIC WIRE

Multi-purpose hose for air, oil, water, kerosene, and some chemical applications. Can be statically grounded. Remains flexible and can be reeled at temperatures as low as -46°C. Tube: Black, low temperature, oil resistant ECO. Reinforcement: Synthetic fabric. Cover: Ultra-low temperature, blue with white stripe synthetic (wrapped jacket). Please see page X12 for assemblies.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
ASW-125	1-1/4"	1.781"	300 psi
ASW-150	1-1/2"	2.109"	300 psi

ARCTIC FUEL DISCHARGE HOSE

A low temperature construction for air, water, oil, kerosene, fuel oil, and some chemical operations where temperatures fall as low as -54°C. Tube: Black low temp, oil resistant synthetic rubber. Cover: Blue ultra-low temperature, oil resistant synthetic rubber. Reinforcement: Synthetic cord; static bonding wire built into the hose for static grounding. Temperature: -54°C to 82°C.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
ESW-100	1"	1.500"	300 psi
ESW-125	1-1/4"	1.781"	300 psi
ESW-150	1-1/2"	2.109"	300 psi

FLEXSTEELGASOLINE PUMP HOSE

A premium gas pump hose where long life is a desirable factor. ULC listed for use on gasoline dispensing pumps, especially where reel-type pumps are used. This hose has excellent cold weather characteristics with a temperature range of -37°C to 82°C. Tube: Black chemigum. Reinforcement: High tensile wire braid. Cover: Black wingprene (wrapped finish). Please see page X12 for assemblies.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
FGP-75	3/4"	1.125"	250 psi
FGP-100	1"	1.500"	150 psi

INSTA-GRIP I AIR & MULTIPURPOSE HOSE

For use with push-on fittings at maximum working pressure of 300 psi. For low pressure hydraulic pneumatic systems such as robotics, shop air systems, general industrial, maintenance and automotive applications. Temperature range of -40°C to 93.3°C. Tube: Chemigum®, oil and heat resistant synthetic rubber, RMA Class A (High Oil Resistance). Reinforcement: Braided (1) high strength synthetic yarn laid at an angle for strength and coupling holding ability. Cover: Black, oil, weather and abrasion resistant Carbryn® rubber, RMA Class A - (High Oil Resistance).

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
INS-25	1/4"	.50"	300 psi
INS-38	3/8"	.670"	300 psi
INS-50	1/2"	.760"	300 psi
INS-62	5/8"	.925"	300 psi
INS-75	3/4"	1.055"	300 psi

PLICORD® TYPE A2 (FUEL FILL) HOSE

The Plicord SAE J1527 Type A2, ISO 7840 and CE Fuel Fill hose is for gasoline tanks. It is the connection from the fuel fill port down to the fuel tank. Temperature range ambient. Tube: Chemigum®. Reinforcement: Spiral plied synthetic fabric with wire helix. Cover: Chemivic® (Wrapped impression).

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PFF-125	1-1/4"	1-55/64"	100 psi
PFF-188	1-7/8"	2-19/64"	100 psi
PFF-200	2"	2-27/64"	50 psi
PFF-238	2-3/8"	2-51/64"	50 psi

Please see a Gregg Distributors representative if you require specific application recommendations.

PLICORD FLEXWING PETROLEUM HOSE

Used in tank truck, bulk petroleum stations, and other petroleum operations to transfer gasoline, and other petroleum base products under pressure, gravity flow, or suction. All sizes are rated at full vacuum and are capable of handling temperatures of -37°C to 93°C. Tube: Chemigum. Reinforcement: Synthetic fabric and double wire helix. Cover: Black chemivic.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PFP-100	1"	1.500"	150 psi
PFP-125	1-1/4"	1.766"	150 psi
PFP-150	1-1/2"	2.031"	150 psi
PFP-200	2"	2.547"	150 psi
PFP-250	2-1/2"	3.063"	150 psi
PFP-300	3"	3.563"	150 psi
PFP-400	4"	4.609"	150 psi
PFP-600	6"	6.687"	150 psi

PETROLEUM HOSE

Designed for use in tank truck or in-plant applications for the transfer of DILUTED industrial chemicals and petroleum waste, sludge and sediments. It is not recommended for refined petroleum products or concentrated industrial chemicals. Tube: Black Nitrile. Cover: Black SBR (wrapped cover) with white stripe. Reinforcement: Spiral synthetic fabric with wire helix. Temperature: -32°C to 82°C.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
EFP-200	2"	2.547"	150 psi
EFP-300	3"	3.563"	150 psi
EFP-400	4"	4.609"	150 psi

PLICORD BLACK FLEXTRA® II HOSE

Used by tank trucks, bulk petroleum stations and other operations to transfer gasoline and other petroleum base products under pressure, gravity flow, or suction service, where a flexible hose is required. Suitable for temperatures to -40°C. (Not for use where aromatic content exceeds 50%.) Tube: Black chemigum. Reinforcement: Synthetic fabric plies with double wire helix. Cover: Black wingprene (corrugated).

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PBF-200	2"	2.500"	150 psi
PBF-250	2-1/2"	3.031"	150 psi
PBF-300	3"	3.500"	150 psi
PBF-400	4"	4.578"	150 psi

PLICORD ARCTIC FLEXWING HOSE

Used for handling petroleum based products or as a general purpose hose in temperatures down to -54°C, for suction and/or discharge. Tube: Black chemigum. Reinforcement: Synthetic fabric with double wire helix. Cover: Blue wingprene (wrapped finish).

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PAF-150	1-1/2"	2.000"	150 psi
PAF-200	2"	2.500"	150 psi
PAF-250	2-1/2"	3.094"	150 psi
PAF-300	3"	3.578"	150 psi
PAF-400	4"	4.703"	150 psi

PLICORD ARCTIC TANK TRUCK HOSE

Used for the transfer of petroleum based products under suction, low pressure discharge or gravity flow. Flexibility maintained at temperatures down to -54°C. Tube: Black chemigum. Reinforcement: Spiral double wire helix between synthetic fabric. Cover: Blue wingprene (corrugated).

PART NO.	I.D.	O.D.	BEND RADIUS	MAX. WORK. PRESSURE
PAL-200	2"	2.530"	4"	150 psi
PAL-300	3"	3.550"	5.5"	150 psi
PAL-400	4"	4.590"	8"	150 psi

PALADIN® PETROLEUM TRANSFER HOSE

Designed as a lightweight and flexible hose to transfer gasoline and other petroleum products under pressure, gravity flow or medium suction (up to 23" Hg) at ambient temperatures. Maximum aromatic content 70%. Outer PVC helix provides abrasion resistance and low coefficient of friction. Temperature: -40°C to 71°C. Tube: Black Nitrile synthetic rubber (static dissipating). Reinforcement: Synthetic fabric plies. Cover: Black Chemivic® synthetic rubber with orange Pliovic® outer helix (static wire in the outer helix)

PART NO.	I.D.	O.D.	BEND RADIUS	MAX. WORK. PRESSURE
PFD-300	3"	3.92"	3"	150 psi
PFD-400	4"	4.85"	5"	75 psi

Crimp Sleeves for Paladin® Hose
Stainless Steel.
Part No. CSSS300402, For 3" hose.
Part No. CSSS400502, For 4" hose.

Banding Coil for Paladin® Hose
Part No. PBC-300, For 3" hose.
Part No. PBC-400, For 4" hose.

PETROLEUM HOSE
Goodyear Industrial

GOODYEAR INDUSTRIAL HOSE

PYROFLEX® HOT TAR & ASPHALT PETROLEUM TRANSFER HOSE

Used for the transfer of high temperature petroleum based materials such as tar, asphalt, and hot oils. It is suitable for suction and discharge service on tank trucks, tank cars, or at bulk stations. Heat resistant tube and Flexten reinforcement. Temperature: -32°C to 177°C. Tube: Black Chemigum® (special heat resistant) synthetic rubber (Oil Resistant). Reinforcement: Spiral plied Flexten® with wire helix. Cover: Black Wingprene® synthetic rubber (Oil Resistant) with spiral red stripe.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PHT-150	1-1/2"	2-14/64"	150 psi
PHT-200	2"	2-47/64"	150 psi
PHT-300	3"	3-46/64"	150 psi
PHT-400	4"	4-52/64"	150 psi

PYROFLEX® HOT TAR WAND PETROLEUM TRANSFER HOSE

A high quality wand hose used in asphalt crack filling applicator and dispensing service. Temperature: -32°C to 204°C. Tube: Black Chemigum® (special heat resistant). Reinforcement: Spiral plied (2) steel wire. Cover: Black Wingprene® (wrapped finish) flame retardant.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PHW-100	1"	1-39/64"	300 psi

Kuri Tec®

tigerflex

Kuri-Tec® Industrial

TIGERFLEX® PVC OIL TRANSFER/VAPOUR RECOVERY HOSE

Special PVC construction provides durability and meets the requirements of controlled collection, recovery, and transfer of hydrocarbon emissions. Banding sleeves are recommended to relieve the stress behind each fitting. Temperature range of -15°C to 65°C.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE @ 20°C
WOR-150	1-1/2"	1.92"	50 psi
WOR-200	2"	2.40"	40 psi
WOR-300	3"	3.64"	40 psi

Thermoid® Industrial

Please see a Gregg Distributors representative if you require specific application recommendations.

FLEX-LOC PUSH-ON HOSE

Flex-Loc push-on hose saves time, cost, and labour for applications involving air, water, oil, and mild solvents in factories, warehouses, agriculture, and numerous other job sites. 4:1 safety factor. Features a rugged, RMA Class A oil resistant NBR tube and nitrile/PVC cover reinforced with two sprial aramid fibres. Exceptionally flexible and kink-resistant. Temperature range of -62°C to 93°C.

PART NO.	I.D.	O.D.	WORKING PRESSURE
761-4	1/4"	0.500"	250 psi
761-6	3/8"	0.625"	250 psi
761-8	1/2"	0.750"	250 psi
761-10	5/8"	0.906"	250 psi
761-12	3/4"	1.031"	250 psi

EBONITE L.T. (LOW TEMPERATURE) HOSE

Ebonite L.T. is an innovative flat corrugated tank truck hose with special low temperature compounds. Exceptional lightweight and sub-zero performance (to -54°C) are possible because of a design that begins with a low temperature nitrile tube, adds a two-ply polyester cord/wire dual helix reinforcement, then tops it off with an abrasion resistant ORC cover that has a special flattened corrugated construction. This unique combination of compounds and construction makes Ebonite L.T. light, easy to handle, and "fight-free", even in the coldest Canadian winters. Its abrasion resistant qualities add significantly to durability, long service life, and overall economy.

PART NO.	I.D.	O.D.	BEND RADIUS	MAX. WORKING PRESSURE
ELT-150	1-1/2"	2.063"	3"	150 psi
ELT-200	2"	2.563"	4"	150 psi
ELT-300	3"	3.563"	5-1/2"	150 psi
ELT-400	4"	4.625"	7-1/2"	150 psi

Goodyear Industrial

PREMIUM FARM FUEL HOSE ASSEMBLIES — PUNCH LOCKED

Premium Farm Fuel hose is designed for agricultural fuel dispensing service. This hose is suitable for unleaded and alcohol extended fuels. It has a temperature range of -37°C to 82°C. Tube: Black chemigum. Reinforcement: Synthetic cord. Cover: Black wingprene.

Complete with 2, 3/4" MNPT king nipples with punch lock clamps:

Part No. HA-AGF-75-10-12PL, 3/4" x 10 ft.
Part No. HA-AGF-75-15-12PL, 3/4" x 15 ft.
Part No. HA-AGF-75-25-12PL, 3/4" x 25 ft.
Part No. HA-AGF-75-50-12PL, 3/4" x 50 ft.

Complete with 2, 1" MNPT king nipples with punch lock clamps:

Part No. HA-AGF-100-10-16PL, 1" x 10 ft.
Part No. HA-AGF-100-15-16PL, 1" x 15 ft.
Part No. HA-AGF-100-25-16PL, 1" x 25 ft.
Part No. HA-AGF-100-50-16PL, 1" x 50 ft.

ARCTIC SOFTWALL PLUS FUEL HOSE ASSEMBLIES WITH STATIC WIRE — PUNCH LOCKED

This is a premium gas pump hose designed specially for extremely cold environments. Remains flexible where temperatures of -54°C are encountered. ULC and UL approved. Tube: Black low temperature synthetic rubber. Reinforcement: Braided synthetic cord with anti-static wire. Cover: Black low temperature synthetic rubber (wrapped finish).

Complete with 2, 3/4" MNPT king nipples with punch lock clamps:

Part No. HA-ASW-75-10-12PL, 3/4" x 10 ft.
Part No. HA-ASW-75-15-12PL, 3/4" x 15 ft.
Part No. HA-ASW-75-25-12PL, 3/4" x 25 ft.
Part No. HA-ASW-75-50-12PL, 3/4" x 50 ft.

Complete with 2, 1" MNPT king nipples with punch lock clamps:

Part No. HA-ASW-100-10-16PL, 1" x 10 ft.
Part No. HA-ASW-100-15-16PL, 1" x 15 ft.
Part No. HA-ASW-100-25-16PL, 1" x 25 ft.
Part No. HA-ASW-100-50-16PL, 1" x 50 ft.

PLICORD ARCTIC ORTAC FUEL HOSE ASSEMBLIES WITH STATIC WIRE — PUNCH LOCKED

Plicord Arctic Ortac hose with static wire is a multi-purpose hose for air, oil, water, kerosene, and some chemical applications. Can be statically grounded. Remains flexible and can be reeled at temperatures as low as -46°C. Tube: Black, low temperature, oil resistant ECO. Reinforcement: Synthetic fabric. Cover: Ultra-low temperature, blue synthetic (wrapped finish).

Complete with static wire and 2, 1¼" MNPT king nipples with punch lock clamps:

Part No. HA-ASW-125-10-20PL, 1¼" x 10 ft.
Part No. HA-ASW-125-15-20PL, 1¼" x 15 ft.
Part No. HA-ASW-125-25-20PL, 1¼" x 25 ft.
Part No. HA-ASW-125-50-20PL, 1¼" x 50 ft.

ARCTIC SOFTWALL PLUS FUEL HOSE ASSEMBLIES WITH STATIC WIRE & PETROLEUM FITTINGS

This is a premium gas pump hose designed specially for extremely cold environments. Remains flexible where temperatures of -54°C are encountered. ULC and UL approved. Tube: Black low temperature synthetic rubber. Reinforcement: Braided synthetic cord with anti-static wire. Cover: Black low temperature synthetic rubber (wrapped finish).

Complete with 1, 3/4" MNPT swivel and 1 solid 3/4" MNPT fitting:

Part No. HA-ASW-75-10-12, 3/4" x 10 ft.
Part No. HA-ASW-75-15-12, 3/4" x 15 ft.
Part No. HA-ASW-75-25-12, 3/4" x 25 ft.
Part No. HA-ASW-75-50-12, 3/4" x 50 ft.

Complete with 2 solid 1" MNPT fittings:

Part No. HA-ASW-100-10-16, 1" x 10 ft.
Part No. HA-ASW-100-12-16, 1" x 12 ft.
Part No. HA-ASW-100-15-16, 1" x 15 ft.
Part No. HA-ASW-100-17-16, 1" x 17 ft.
Part No. HA-ASW-100-25-16, 1" x 25 ft.

PLICORD ARCTIC ORTAC FUEL HOSE ASSEMBLIES WITH STATIC WIRE & PETROLEUM FITTINGS

Plicord Arctic Ortac hose with static wire is a multi-purpose hose for air, oil, water, kerosene, and some chemical applications. Can be statically grounded. Remains flexible and can be reeled at temperatures as low as -46°C. Tube: Black, low temperature, oil resistant ECO. Reinforcement: Synthetic fabric. Cover: Ultra-low temperature, blue synthetic (wrapped finish).

Complete with static wire and 2 solid 1¼" MNPT fittings:

Part No. HA-ASW-125-15-20, 1¼" x 15 ft.
Part No. HA-ASW-125-24-20, 1¼" x 24 ft.
Part No. HA-ASW-125-28-20, 1¼" x 28 ft.
Part No. HA-ASW-125-32-20, 1¼" x 32 ft.

FLEXSTEEL GASOLINE PUMP HOSE ASSEMBLIES WITH PETROLEUM FITTINGS

Premium gas pump hose used where long life is a desirable factor. ULC listed for use on gasoline dispensing pumps, especially where reel-type pumps are used. This hose has excellent cold weather characteristics with a temperature range of -37°C to 82°C. Tube: Black chemigum. Reinforcement: High tensile wire braid. Cover: Black wingprene (wrapped finish).

Complete with 3/4" MNPT solid fittings on each end:

Part No. HA-FGP-75-.75-12, 3/4" x 9".
Part No. HA-FGP-75-1-12, 3/4" x 12".

Complete with 1, 3/4" MNPT swivel and 1 solid 3/4" MNPT fitting:

Part No. HA-FGP-75-8.6-12, 3/4" x 8-1/2 ft.
Part No. HA-FGP-75-9-12, 3/4" x 9 ft.
Part No. HA-FGP-75-9.6-12, 3/4" x 9-1/2 ft.
Part No. HA-FGP-75-10.6-12, 3/4" x 10-1/2 ft.
Part No. HA-FGP-75-12-12, 3/4" x 12 ft.
Part No. HA-FGP-75-13-12, 3/4" x 13 ft.
Part No. HA-FGP-75-15-12, 3/4" x 15 ft.
Part No. HA-FGP-75-16-12, 3/4" x 16 ft.
Part No. HA-FGP-75-17-12, 3/4" x 17 ft.
Part No. HA-FGP-75-18-12, 3/4" x 18 ft.
Part No. HA-FGP-75-20-12, 3/4" x 20 ft.

Complete with 2 solid 1" MNPT fittings:

Part No. HA-FGP-100-13-16, 1" x 13 ft.
Part No. HA-FGP-100-15-16, 1" x 15 ft.
Part No. HA-FGP-100-17-16, 1" x 17 ft.

Please see a Gregg Distributors representative if you require specific application recommendations.

GOODYEAR INDUSTRIAL HOSE

PETROLEUM GG

Designed for a wide range of fuel, oil and lubricant applications where light weight and flexibility are essential.
Typical Applications: Rail car and tank truck loading and delivery, storage tank transfer, refinery process, drumming, manifolding, batching, and blending.
Conveyants Handled: Light distillates — gasoline, diesel fuel, paraffin, kerosene and 100% aromatics. Not recommended for corrosive and aggressive chemicals.
Features: •Complete product compatibility — for safe handling of all types of hydrocarbon conveyants •Light weight — easy to handle in loading and delivery •Flexible — even at low temperatures •Tough PVC outer cover — resists dragging wear and abrasion •Safe and dependable — tested to industry standard 1-1/2 times rated working pressure •Double end-to-end electrical continuity — prevents static electricity build-up and internal arcing

Inner Wire: Galvanized steel
Outer Wire: Galvanized steel
Carcass: Multiple layers of polypropylene fabric, film, and polyester barrier layers
Cover: Abrasion-resistant PVC-impregnated fabric
Temperature Range: -30°C to +100°C
Colour: Black with blue stripe

PART NO.	I.D.	MAX. WORK. PRESSURE*	MIN. BEND RADIUS
755-150	1½"	200 psi	5"
755-200	2"	200 psi	5"
755-300	3"	200 psi	7"
755-400	4"	150 psi	10"

HEAVY DUTY PETROLEUM

Appropriate for transfer of conveyants from storage tanks, process piping or loading arms to rail cars and tank trucks.
Typical Applications: Ideal for transfer from storage tanks, process piping or loading arms to rail car or tank truck, tank-to-process handling and manifolding/batching.
Conveyants Handled: Light distillates — gasoline, diesel fuel, paraffin, kerosene and 100% aromatics as well as black oils and heavy lubricants. Not recommended for corrosive and aggressive chemicals.
Features: •Complete product compatibility — for safe handling of all types of hydrocarbon conveyants, 100% aromatics and other non-aggressive chemicals and solvents •Durable — easy to handle •Retains flexibility — even at very low temperatures •Tough PVC outer cover — resists dragging wear and abrasion •Safe and dependable — tested to industry standard 1-1/2 times rated working pressure •Double end-to-end electrical continuity — prevents static electricity build-up and internal arcing

Inner Wire: Galvanized steel
Outer Wire: Galvanized steel
Carcass: Multiple layers of polypropylene fabric, film, and polyester barrier layers
Cover: Abrasion-resistant PVC-impregnated fabric
Temperature Range: -30°C to +100°C
Colour: Black with white stripe

PART NO.	I.D.	MAX. WORK. PRESSURE*	MIN. BEND RADIUS
775-400	4"	200 psi	13"

CHEMICAL PG

For low-pressure transfer applications in over-the-road vehicles, storage tank and rail car loading and unloading. Designed for use where light weight and flexibility are essential.
Typical Applications: Tank-to-process chemicals handling, storage tank transfer and batching, drumming, manifolding, blending, etc., rail car and tank truck loading and delivery.
Conveyants Handled: Suited for a wide range of inorganic and organic liquids and petroleum products at rated discharge pressure or full suction.
Features: •Lightweight — easy to handle •Flexible — even at low temperatures •Tough PVC outer cover — resists dragging wear and abrasion •Polypropylene liner with a polypropylene and polyester carcass — for maximum chemical resistance •Safe and dependable — offers maximum flexibility •Double end-to-end electrical continuity — prevents static electricity build-up and internal arcing •Special polypropylene coated inner wire — fast dissipation of static electrical charges

Inner Wire: Polypropylene-coated steel
Outer Wire: Galvanized steel
Carcass: Polypropylene fabrics, films and polyester barrier layers
Cover: Abrasion-resistant PVC-coated fabric
Temperature Range: -30°C to +100°C
Colour: Yellow with blue stripe

PART NO.	I.D.	MAX. WORK. PRESSURE*	MIN. BEND RADIUS
765-100	1"	200 psi	4"
765-150	1½"	200 psi	5"
765-200	2"	200 psi	7"
765-300	3"	200 psi	8"
765-400	4"	150 psi	12"

Composite Hose Ends & Components

FERRULES — Carbon Steel

PART NO. ..... SIZE

CSF-100 ..... 1"
CSF-150 ..... 1-1/2"
CSF-200 ..... 2"
CSF-300 ..... 3"
CSF-400 ..... 4"

CSFH-400 ..... 4"
To be used with:
- HD Petroleum Hose
- Chemical PG Hose

RUBBER SEALS

PART NO. ..... SIZE

SEAL-100 ..... 1"
SEAL-150 ..... 1-1/2"
SEAL-200 ..... 2"
SEAL-300 ..... 3"
SEAL-400 ..... 4"

RETAINING RINGS — Carbon Steel

PART NO. ..... SIZE

CSR-100 ..... 1"
CSR-150 ..... 1-1/2"
CSR-200 ..... 2"
CSR-300 ..... 3"
CSR-400 ..... 4"

INSERTS — Carbon Steel or Stainless Steel

Carbon Steel:
PART NO. ..... SIZE

CSNPT-100 ..... 1" MNPT
CSNPT-150 ..... 1½" MNPT
CSNPT-200 ..... 2" MNPT
CSNPT-300 ..... 3" MNPT
CSNPT-400 ..... 4" MNPT

Stainless Steel:
SSNPT-100 ..... 1" MNPT
SSNPT-150 ..... 1½" MNPT
SSNPT-200 ..... 2" MNPT
SSNPT-300 ..... 3" MNPT
SSNPT-400 ..... 4" MNPT

VICTAULIC INSERTS — Carbon Steel or Stainless Steel

Carbon Steel:
PART NO. ..... SIZE

CSVIC-100 ..... 1"
CSVIC-150 ..... 1-1/2"
CSVIC-200 ..... 2"
CSVIC-300 ..... 3"
CSVIC-400 ..... 4"

Stainless Steel:
SSVIC-100 ..... 1"
SSVIC-150 ..... 1-1/2"
SSVIC-200 ..... 2"
SSVIC-300 ..... 3"
SSVIC-400 ..... 4"

Please see a Gregg Distributors representative if you require specific application recommendations.

Composite Hose Assemblies

Petroleum GG Composite Hose Assembly, coupled with male NPT fittings:
Part No. GD970960GG0000, 6" x 7 ft.
Part No. GD970960GG0001, 6" x 8 ft.
Part No. GD970960GG0002, 6" x 9 ft.
Part No. GD970960GG0003, 6" x 10 ft.
Part No. GD970960GG0004, 6" x 11 ft.
Part No. GD970960GG0005, 6" x 12 ft.
Part No. GD970960GG0006, 6" x 13 ft.

Petroleum GG Composite Hose Assembly, coupled with Victaulic fittings:
Part No. GD970960GG0007, 6" x 7 ft.
Part No. GD970960GG0008, 6" x 8 ft.
Part No. GD970960GG0009, 6" x 9 ft.
Part No. GD970960GG0010, 6" x 10 ft.
Part No. GD970960GG0011, 6" x 11 ft.
Part No. GD970960GG0012, 6" x 12 ft.
Part No. GD970960GG0013, 6" x 13 ft.

ABRASIVE MATERIAL HANDLING HOSE

Goodyear Industrial

GOODYEAR INDUSTRIAL HOSE

ARTRAC MATERIAL HANDLING HOSE

Recommended for high abrasion service. Static, material handling suction blower and ducting hose. Suitable for grain vac applications. Limited chemical resistance. Temperature range of -34°C to 65°C. Tube: Thermoplastic alloyed blend of Nitrile rubber, polyurethane, and PVC. Reinforcement: Rigid PVC helix. Cover: Black thermoplastic alloyed blend of Nitrile rubber, polyurethane, and PVC.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
ART-300	3"	3.77"	40 psi
ART-400	4"	4.85"	40 psi
ART-500	5"	5.96"	40 psi
ART-600	6"	7.08"	40 psi

SPIRAL CLAMPS

Steel, double bolt clamp designed specifically for use with Kanaflex, Pac Echo, and Goodyear spiral hoses. Clockwise spiral only.

Part No. SC300, 3" Spiral clamp.
Part No. SC400, 4" Spiral clamp.
Part No. SC500, 5" Spiral clamp.
Part No. SC600, 6" Spiral clamp.
Part No. SC800, 8" Spiral clamp.

PLICORD BLACK SOFTWALL HOSE

Used in tank truck service to carry dry cement in discharge applications. Temperature range of -40°C to 88°C. Tube: Static conductive, black natural (1/8" tube). Reinforcement: Synthetic fabric. Cover: Black plioflex (wrapped finish).

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PBS-400	4"	4.453"	50 psi
PBS-500	5"	5.469"	50 psi

TAN FLEXTRA® BULK TRANSFER HOSE

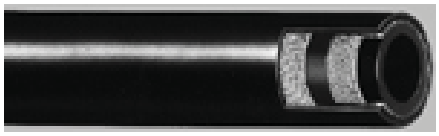
For tank truck and in-plant service. Used to convey non-oily abrasive materials such as sand, limestone, plastic pellets and dry abrasive food products. Do not use where static electricity is a problem. Temperature range of -40°C to 82°C. Tube: Pureten® gum rubber (FDA compliant). Reinforcement: Spiral plied synthetic fabric with wire helix. Cover: Tan Plioflex® gum rubber (corrugated) with yellow spiral stripe (Wrapped impression)

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
TAN-200	2"	2-39/64"	75 psi
TAN-300	3"	3-41/64"	75 psi
TAN-400	4"	4-44/64"	75 psi
TAN-500	5"	5-50/64"	75 psi
TAN-600	6"	6-50/64"	75 psi

PLICORD BLAST HOSE

Heavy duty hose for steel shot or sandblasting in cleaning or finishing metal, stone, glass, and other surfaces where severe external and internal abrasion is encountered. Temperature range of -32°C to 82°C. Tube: 5/16" black static conductive tufsyn. Reinforcement: Synthetic fabric. Cover: Black plioflex (wrapped finish).

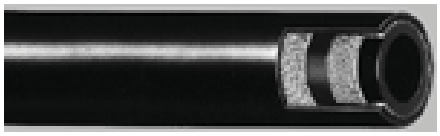
PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
UBB-50	1/2"	1.141"	150 psi
UBB-75	3/4"	1.500"	150 psi
UBB-100	1"	1.875"	150 psi
UBB-125	1-1/4"	2.156"	150 psi
UBB-150	1-1/2"	2.375"	150 psi
UBB-200	2"	2.875"	150 psi



PLICORD BLAST WHIP HOSE

Plicord Blast Whip hose is designed for most blasting operations. It has a reduced outside diameter for extra flexibility, thus reducing operator fatigue. The multiple layers of braid help resist flexing, kinking, and pulling while being flexible and easy to handle. This hose has a static conductive tube and will handle temperatures of -32°C to 82°C. Tube: Black tufsyn. Reinforcement: Two ply synthetic fabric. Cover: Black plioflex (wrapped finish).

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PBW-100	1"	1.520"	150 psi
PBW-125	1-1/4"	1.875"	150 psi



Kuri-Tec® Industrial

TIGERFLEX® UREFLEX MATERIAL HANDLING HOSE

Smooth polyurethane lining — provides resistance to abrasion and eliminates material build-up. All black HMW PVC convoluted cover — formulated with anti-static compound. Also provides sub-zero flexibility. Applications: •Industrial vacuum machines •Pneumatic conveying systems for powder, pellets or granular materials •Abrasive material transfer •Grain handling •Sand/shot blast recovery line •Roof rock cleaning •Fly ash collection •Hydrovacs •Service Temperature Range: -40°C to 65.5°C

PART NO.	I.D.	O.D.	MIN. BEND RADIUS	MAX.WORKING PRESSURE @ 20°C	VACUUM RATING @ 20°C
UF300	3"	3.64"	4"	40 psi	Full
UF400	4"	4.76"	6"	35 psi	Full
UF500	5"	5.75"	10"	35 psi	28"
UF600	6"	6.81"	12"	30 psi	28"
UF800	8"	9.18"	18"	30 psi	28"
UF1000	10"	11.62"	20"	20 psi	25"

tigerflex

Kuri Tec

TIGERFLEX® POLYURETHANE SUCTION & DISCHARGE HOSE

Polyurethane lined abrasion resistant PVC material handling hose for dry applications. Thick smooth polyurethane lining provides additional abrasion resistance and eliminates material build-up. Blue HMW PVC convoluted cover formulated with anti-static compound provides sub-zero flexibility. Applications include abrasive material transfer, grain handling, air seeder equipment, industrial vacuum equipment, sand/shot blast recovery line, and roof rock cleaning. Temperature range of -40°C to 65°C.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE @ 20°C
UF2-150	1-1/2"	1.88"	50 psi
UF2-200	2"	2.44"	40 psi
UF2-250	2-1/2"	3.12"	40 psi
UF2-300	3"	3.70"	40 psi
UF2-400	4"	4.82"	35 psi
UF2-500	5"	5.81"	35 psi

TIGERFLEX® SPIRAL DOUBLE BOLT CLAMPS

For use on Tigerflex spiral hoses only with convoluted cover (counter-clockwise spiral only). Provides adequate holding power.

PART NO.	FITS HOSE I.D.
SDBC-1.5	1-1/2"
SDBC-2	2"
SDBC-2.5	2-1/2"
SDBC-3	3"
SDBC-4	4"
SDBC-5	5"
SDBC-6	6"
SDBC-8	8"
SDBC-10	10"

Please see a Gregg Distributors representative if you require specific application recommendations.

ABRASIVE MATERIAL HANDLING HOSE
Kanaflex® Industrial

180 AR ABRASIVE SUCTION HOSE

Heavy duty abrasion resistant suction hose for vacuum trucks or handling abrasives such as crushed rock, sand, pea gravel, cement powder, dry fertilizer, iron ore, and grains. This lightweight, flexible hose is extremely abrasion resistant and static dissipating with no grounding wire. It has a temperature range of -40°C to 70°C.

PART NO.	I.D.	O.D.	MIN. BEND RADIUS	MAX.WORKING PRESSURE @ 22°C	VACUUM RATING
180AR300	3"	3.50"	3.0"	35 psi	29.8"
180AR400	4"	4.63"	4.5"	30 psi	29.8"
180AR500	5"	5.63"	5.0"	30 psi	28.0"
180AR600	6"	6.73"	9.2"	30 psi	28.0"
180AR800	8"	9.04"	15.0"	30 psi	27.0"

POWERLOCK CLAMPS

Steel, double bolt clamp designed specifically for use with Kanaflex corrugated hose shown above.

Part No. PC300, 3" Powerlock clamp.
Part No. PC400, 4" Powerlock clamp.
Part No. PC500, 5" Powerlock clamp.
Part No. PC600, 6" Powerlock clamp.
Part No. PC800, 8" Powerlock clamp.

CHEMICAL TRANSFER HOSE
Goodyear Industrial

GOODYEAR INDUSTRIAL HOSE

FABCHEM CHEMICAL TRANSFER HOSE

Fabchem Chemical Transfer hose is a significant improvement in transferring chemicals. Fabchem handles 98% of common industrial chemicals. This hose has a wide operating temperature range of -40°C to 70°C. Tube: Clear plyocin. Reinforcement: Synthetic fabric with double wire helix. Cover: Green versigard (corrugated).

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
FCT-150	1-1/2"	1.969"	200 psi
FCT-200	2"	2.547"	200 psi
FCT-250	2-1/2"	3.141"	200 psi
FCT-300	3"	3.625"	200 psi
FCT-400	4"	4.672"	200 psi

N/R PAINT SPRAY HOSE

Used for paint spray applications on spray pumps. Will handle spraying paints, duco, lacquer, solvent fluids, drying oils, lacquer thinners, turpentine, and gasoline. Temperature range of -18°C to 66°C. Tube: Nylon. Reinforcement: Braided high strength synthetic yarn. Cover: Black wingprene.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
PSH-38	3/8"	0.688"	750 psi

Kuri-Tec® Industrial

Kuri Tec®

Please see a Gregg Distributors representative if you require specific application recommendations.

EVA-ANHYDROUS HOSE

Ethylene vinyl acetate, reinforced with polyester yarn, is a rubber-like compound of thermoplastics. It is highly flexible, extremely tough, with a very good stress and crack resistance at low temperatures. Applications include agricultural spraying, low pressure lawn spray, sight gauges, and transfer of liquids, gases, and chemicals at low pressure. Temperature range of -23°C to 65°C.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE @ 21°C
K4350-06	3/8"	0.594"	300 psi
K4350-08	1/2"	0.719"	250 psi
K4350-12	3/4"	0.970"	150 psi
K4350-16	1"	1.313"	150 psi

PVC CHEMICAL SPRAY HOSE

Yellow ribbed PVC construction reinforced with high tensile spiraled yarn makes this hose both economical and durable. Some features of the hose include lightweight, easy recoiling, chemical resistance of quality PVC and corrugated cover for reduced drag friction. Applications include agricultural spraying, vineyard spraying, nursery spraying, and building wash down. Temperature range of -5°C to 65°C. (Not recommended for high pressure tree spray applications.)

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE @ 20°C
K4131-06	3/8"	0.625"	600 psi
K4131-08	1/2"	0.790"	600 psi

FOOD & BEVERAGE HOSE
Kuri-Tec® Industrial

REINFORCED VINYL TUBING
Blue tinted cover and tube compounded from non-toxic PVC ingredients in compliance with applicable FDA requirements. Reinforced with spiraled polyester yarn and with multiple longitudinal polyester yarn to reduce elongation under pressure. Applications include pneumatic lines, glue lines, air and water lines, food and beverage dispensing, lubrication lines, and transfer of powdered foods. Temperature range of -4°C to 65°C.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE @ 20°C
K3150-03	3/16"	0.375"	250 psi
K3150-04	1/4"	0.438"	250 psi
K3150-05	5/16"	0.531"	250 psi
K3150-06	3/8"	0.594"	225 psi
K3150-08	1/2"	0.750"	200 psi
K3150-10	5/8"	0.891"	200 psi
K3150-12	3/4"	1.031"	150 psi
K3150-16	1"	1.300"	125 psi
K3150-20	1-1/4"	1.620"	100 psi
K3150-24	1-1/2"	1.938"	100 psi
K3150-32	2"	2.490"	75 psi

POLYETHYLENE TUBING
Low density polyethylene tubing, natural colour. Food grade certified, economical, and lightweight. Excellent resistance to solvents and cracking. Chemically inert. Ideal for the transfer of air and liquids in industrial applications. Applications include water lines, pneumatic logic control lines, and vending equipment. Temperature range of -45°C to 60°C.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE @ 20°C
220-0440	0.170"	0.250"	140 psi
220-0562	0.188"	0.313"	150 psi
220-0662	0.250"	0.375"	125 psi
220-0862	0.375"	0.500"	100 psi
220-1062	0.500"	0.625"	75 psi

Please see a Gregg Distributors representative if you require specific application recommendations.

CLEAR VINYL TUBING
High quality flexible PVC compound made with Kuri-Tec formulation. High gloss crystal clear appearance with glass smooth interior to reduce sediment build-up. Non-toxic blue tint in compliance with FDA requirements to enhance clarity. Applications include laboritories, water lines, air conditioning and refrigeration drainage, bottling plants, printing press equipment, ice making machines, furnace drainage, and transfer of weak chemicals and acids. Temperature range of -4°C to 65°C.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE @ 20°C
K010-0204	1/8"	0.250"	65 psi
K010-0305	3/16"	0.3125"	55 psi
K010-0306	3/16"	0.375"	60 psi
K010-0406	1/4"	0.375"	55 psi
K010-0408	1/4"	0.500"	60 psi
K010-0507	5/16"	0.438"	50 psi
K010-0608	3/8"	0.500"	45 psi
K010-0609	3/8"	0.563"	50 psi
K010-0610	3/8"	0.625"	55 psi
K010-0810	1/2"	0.625"	30 psi
K010-0811	1/2"	0.688"	40 psi
K010-0812	1/2"	0.750"	45 psi
K010-1014	5/8"	0.875"	40 psi
K010-1216	3/4"	1.000"	35 psi
K010-1418	7/8"	1.125"	30 psi
K010-1620	1"	1.250"	25 psi
K010-2024	1-1/4"	1.500"	20 psi
K010-2430	1-1/2"	1.875"	30 psi
K010-3240	2"	2.500"	35 psi

Kuri Tec®

POLYSPRING™ SUCTION & DISCHARGE HOSE
Crystal clear PVC hose reinforced with a spring wire. Compounded from non-toxic PVC ingredients in compliance with applicable FDA requirements. This hose features full vacuum rating, anti-kinking, chemical and ozone resistance, and clear visual flow. Applications include food and beverage dispensing, air and water supply lines, car wash, coolant lines, pneumatic parts transfer. Temperature range of -4°C to 65°C.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE @ 20°C
K7160-04	1/4"	0.447"	150 psi
K7160-06	3/8"	0.600"	100 psi
K7160-08	1/2"	0.736"	100 psi
K7160-10	5/8"	0.861"	100 psi
K7160-12	3/4"	1.028"	70 psi
K7160-16	1"	1.290"	70 psi

PVC SUCTION & DISCHARGE HOSE (DRY/ LIQUID APPLICATION)
Heavy duty PVC food grade material handling hose for dry or liquid applications. Smooth bore construction and cover. Complies with all applicable FDA and USDA requirements and 3-A Sanitary Standards. Allows visual confirmation that material is flowing. Applications include pneumatic conveying systems for powder, pellets or granular materials, transfer of liquid or dry dairy products, fish processing equipment, syrup and juice transfer, and poultry cleaning operations. Temperature range of -20°C to 65°C.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE @ 20°C
FT-075	3/4"	0.94"	115 psi
FT-100	1"	1.28"	100 psi
FT-125	1-1/4"	1.56"	90 psi
FT-150	1-1/2"	1.80"	85 psi
FT-200	2"	2.36"	85 psi
FT-250	2-1/2"	2.88"	65 psi
FT-300	3"	3.42"	55 psi
FT-400	4"	4.51"	50 psi

PVC SUCTION & DISCHARGE HOSE (DRY APPLICATION)
Heavy duty PVC food grade material handling hose for dry applications. Smooth bore construction and convoluted cover design. Complies with all applicable FDA and USDA requirements and 3-A Sanitary Standards. Allows visual confirmation that material is flowing. Applications include pneumatic conveying systems for powder, pellets or granular materials, food transfer systems, and poultry cleaning operations. Temperature range of -20°C to 65°C.

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE @ 20°C
WT-100	1"	1.30"	55 psi
WT-125	1-1/4"	1.60"	50 psi
WT-150	1-1/2"	1.92"	50 psi
WT-200	2"	2.40"	40 psi
WT-250	2-1/2"	2.99"	40 psi
WT-300	3"	3.64"	40 psi
WT-400	4"	4.72"	35 psi

FOOD & BEVERAGE HOSE
Goodyear Industrial

WHITE FLEXTRA® FOOD HOSE

Lightweight, highly flexible hose for transferring oily and non-oily edibles under pressure on tank truck or in-plant service. Temperature range of -32°C to 121°C. Tube: White Chemivic® (FDA, 3-A and USDA compliant). Reinforcement: Spiral plied synthetic fabric with wire helix. Cover: White corrugated Chemivic® synthetic rubber (Wrapped impression)

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE
WFL-150	1-1/2"	2-1/64"	150 psi
WFL-200	2"	2-35/64"	150 psi
WFL-300	3"	3-39/64"	150 psi
WFL-400	4"	4-41/64"	150 psi

GOODYEAR INDUSTRIAL HOSE

UNREINFORCED TUBING
Kuri-Tec® Industrial

Please see a Gregg Distributors representative if you require specific application recommendations.

Kuri Tec®

POLYURETHANE TUBING

Ester based polyurethane tubing with transparent blue tint. Designed for use under severe operating conditions for transfer of air and fluids. Highly resistant to abrasion, ozone, solvents, and fuel. Some applications include insulating sleeves, metering pumps, lubrication lines, small engine fuel lines, granular transfer lines, abrasive slurry transfer, and robotics control lines. Temperature range of -40°C to 85°C. (Not recommended for the transfer of water above 38°C).

PART NO.	I.D.	O.D.	MAX. WORK. PRESSURE @ 20°C
2600-0204	1/8"	0.250"	100 psi
2600-0305	3/16"	0.313"	75 psi
2600-0406	1/4"	0.375"	60 psi
2600-0507	5/16"	0.438"	50 psi
2600-0608	3/8"	0.500"	45 psi
2600-0812	1/2"	0.750"	60 psi

NYLON TUBING

Nylon tube has high mechanical properties, an extremely high pressure rating, and a wide temperature range. The loss of mechanical strength at elevated temperatures is much less than with other types of plastic tube. It retains its flexibility at sub-zero temperatures. Nylon tube is odourless, tasteless, non-toxic, fungus and corrosion resistant, readily sterilized in steam or boiling water. This tube has excellent chemical resistance being unaffected by gasoline, oils, greases, organic solvents, refrigerants, most alkalis, and diluted acids.

PART NO.	I.D.	O.D.	MAX. BURST PRESSURE
485-2	0.096"	0.125"	1000 psi
485-3	0.138"	0.188"	1000 psi
485-4	0.190"	0.250"	1000 psi
485-5	0.242"	0.313"	1000 psi
485-6	0.295"	0.375"	1000 psi
485-8	0.400"	0.500"	1000 psi

PVC/THERMOPLASTIC HOSE/DUCTING
Thermoid

ULTRAFLEX® TPU (THERMO-PLASTIC URETHANE)

Type TPU is constructed of a helical wire reinforced thermoplastic urethane that offers excellent abrasion resistance for material handling applications. A tough, versatile, lightweight, flexible hose/ducting that can be used in a wide variety of applications. Offered in black. Temperature range: -54°C to 93°C.

PART NO.	SIZE
TPU-200	2"
TPU-250	2.5"
TPU-300	3"
TPU-400	4"
TPU-500	5"
TPU-600	6"
TPU-800	8"
TPU-1000	10"
TPU-1200	12"

ULTRAFLEX® TPR (THERMO-PLASTIC RUBBER)

Type TPR features a helical wire reinforced thermoplastic rubber suitable for a wide variety of air handling, fume control, and dust collection applications. It offers good abrasion resistance, superior chemical resistance, excellent ozone and weathering resistance, as well as good resistance to flex fatigue. Offered in black. Temperature range: -51°C to 135°C continuous; 149°C intermittent.

PART NO.	SIZE
TPR-200	2"
TPR-250	2.5"
TPR-300	3"
TPR-400	4"
TPR-500	5"
TPR-600	6"
TPR-800	8"
TPR-1000	10"
TPR-1200	12"

PROPANE HOSE ASSEMBLIES

Type I Propane Hose Assemblies With Brass Ends

All Propane Hose Assemblies are C.G.A. approved. Used throughout the propane industry — on recreational vehicles, camping equipment, torches, construction heaters, tank manifolds, etc.
Working Pressure: up to 350 p.s.i.

MALE POL x MALE INV. FL.

Cylinder to R.V. Manifolds

PART NO.	I.D.	1	2	LENGTH
D3218-4	1/4"	SNMPOLXF	1/4" inv. fl. male	18"
D3224-4	1/4"	SNMPOLXF	1/4" inv. fl. male	24"
D3230-4	1/4"	SNMPOLXF	1/4" inv. fl. male	30"
D3236-4	1/4"	SNMPOLXF	1/4" inv. fl. male	36"
D3248-4	1/4"	SNMPOLXF	1/4" inv. fl. male	48"
D3260-4	1/4"	SNMPOLXF	1/4" inv. fl. male	60"

MALE POL x MALE PIPE

Cylinder to Manifold Regulator

PART NO.	I.D.	1	2	LENGTH
D3618-4	1/4"	SNMPOLXF	1/4" MP	18"
D3624-4	1/4"	SNMPOLXF	1/4" MP	24"
D3630-4	1/4"	SNMPOLXF	1/4" MP	30"
D3660-4	1/4"	SNMPOLXF	1/4" MP	60"
D3624-6	3/8"	SNMPOLXF	1/4" MP	24"

GAS THREAD SEAL TAPE

1/2" x 240" PTFE gas thread seal tape, used for all threaded connections involving gas line installations for natural gas, propane, butane or for water, oil, and chemicals. Yellow colour for instant identification with the gas code. 10,000 psi rating with an indefinite shelf life.
Part No. 904-128.

FEMALE 45° SAE SWIVEL BOTH ENDS

Construction Heaters

PART NO.	I.D.	1	2	LENGTH
D4824-4	1/4"	3/8"	3/8"	24"
D4848-4	1/4"	3/8"	3/8"	48"
D4860-4	1/4"	3/8"	3/8"	60"
D4872-4	1/4"	3/8"	3/8"	72"
D48120-4	1/4"	3/8"	3/8"	120"
D48180-4	1/4"	3/8"	3/8"	180"
D48240-4	1/4"	3/8"	3/8"	240"
D48300-4	1/4"	3/8"	3/8"	300"
D48360-4	1/4"	3/8"	3/8"	360"
D4824-6	3/8"	3/8"	3/8"	24"
D4836-6	3/8"	3/8"	3/8"	36"
D4860-6	3/8"	3/8"	3/8"	60"
D4872-6	3/8"	3/8'	3/8"	72"
D4884-6	3/8"	3/8"	3/8"	84"
D48120-6	3/8"	3/8"	3/8"	120"
D48180-6	3/8"	3/8"	3/8"	180"
D48240-6	3/8"	3/8"	3/8"	240"
D48300-6	3/8"	3/8"	3/8"	300"

MALE POL BOTH ENDS

Joining Two Cylinders/Overfill

PART NO.	I.D.	1	2	LENGTH
D3124-4	1/4"	SYNPOLXF	SYNMPOL	24"
D3130-4	1/4"	SYNPOLXF	SYNMPOL	30"
D3160-4	1/4"	SYNPOLXF	SYNMPOL	60"

MALE PIPE x FEMALE 45° SAE

Valve to Regulator on Barbecue

PART NO.	I.D.	1	2	LENGTH
D2824-4	1/4"	3/8"	3/8"	24"
D2836-4	1/4"	3/8"	3/8"	36"
D2860-6	3/8"	3/8"	3/8"	60"
D28120-6	3/8"	3/8"	3/8"	120"
D28180-6	3/8"	3/8"	3/8"	180"

MALE POL x MALE PRIMUS

Standard Cylinder to Camping Equipment

PART NO.	I.D.	1	2	LENGTH
D3936-4HWS	1/4"	SNMPOLXF w/ handwheel	1"-20M	36"
D3948-4HWS	1/4"	SNMPOLXF w/ handwheel	1"-20M	48"
D3960-4HWS	1/4"	SNMPOLXF w/ handwheel	1"-20M	60"
D39120-4HWS	1/4"	SNMPOLXF w/ handwheel	1"-20M	120"
D39180-4HWS	1/4"	SNMPOLXF w/ handwheel	1"-20M	180"
D39240-4HWS	1/4"	SNMPOLXF w/ handwheel	1"-20M	240"

FEMALE SAE x FEMALE SAE

Construction Heaters, Universal

PART NO.	I.D.	1	2	LENGTH
DS67120-8	1/2"	1/2" fm. SAE	1/2" fm. SAE	120"
DS67300-8	1/2"	1/2" fm. SAE	1/2" fm. SAE	300"
DS67600-8	1/2"	1/2" fm. SAE	1/2" fm. SAE	600"
DS68120-12	3/4"	3/4" fm. SAE	3/4" fm. SAE	120"
DS68180-12	3/4"	3/4" fm. SAE	3/4" fm. SAE	180"
DS68240-12	3/4"	3/4" fm. SAE	3/4" fm. SAE	240"
DS68300-12	3/4"	3/4" fm. SAE	3/4" fm. SAE	300"
DS68480-12	3/4"	3/4" fm. SAE	3/4" fm. SAE	480"
DS68600-12	3/4"	3/4" fm. SAE	3/4" fm. SAE	600"

MALE PRIMUS x FEMALE PRIMUS

Disposable Cylinder to Camping Equipment or for Hooking Up Multiple Appliances

PART NO.	I.D.	1	2	LENGTH
D4060-4	1/4"	1"-20M	1"-20F	60"
D40120-4	1/4"	1"-20M	1"-20F	120"
D40180-4	1/4"	1"-20M	1"-20F	180"

MALE PIPE x MALE PIPE

Flexible Connector — Propane Pumps

PART NO.	I.D.	1	2	LENGTH
DS52180-12	3/4"	3/4" MP	3/4" MP	180"

GASOLINE Hose Couplings

PERMANENTLY ATTACHED

Coupling bodies are zinc die cast, with a brass expansion sleeve.

PART NO.	HOSE I.D.	MALE NPT	HOSE O.D.
I750*	3/4"	3/4"	1.125"
I751	3/4"	3/4"	1.141"
I752	3/4"	3/4"	1.172"
I1000	1"	1"	1.39"
I1001†	1"	1"	1.50"

*Used on Goodyear hose FGP-75 and ASW-75.
†Used on Goodyear hose FGP-100 and ASW-100.

RE-USABLE SWIVEL

Swivel lets you match your nozzle thread sizes without extra mechanical connections. Furnished with zinc plating.

PART NO.	HOSE I.D.	MALE NPT	HOSE O.D.
SR750SETS*	3/4"	3/4"	1.078"
SR751SETS	3/4"	3/4"	1.141"
SR752SETS	3/4"	3/4"	1.172"

*Used on Goodyear hose FGP-75 and ASW-75.

RE-USABLE

Couplings for curb pump hose, furnished with zinc plating.

PART NO.	HOSE I.D.	MALE NPT	HOSE O.D.
R750SETS*	3/4"	3/4"	1.078"
R751SETS	3/4"	3/4"	1.141"
R752SETS	3/4"	3/4"	1.172"
R1000SETS	1"	1"	1.281"
R1001SETS†	1"	1"	1.438"

*Used on Goodyear hose FGP-75 and ASW-75.
†Used on Goodyear hose FGP-100 and ASW-100.

H-600 SERIES RE-USABLE SWIVEL

Dubl-Grip re-attachable two-piece couplings for pump hose. These streamline couplings, made of chrome plated brass, prevent damage to hose and fit smartly on new pump equipment. Octagonal shape.

PART NO.	HOSE I.D.	MALE NPT	HOSE O.D.
H609	1"	1"	1.375"
H610	1"	1"	1.438"
H611*	1"	1"	1.50"

*Used on Goodyear FGP-100 and ASW-100 hose.

520H SERIES INTERNALLY EXPANDED PERMANENT COUPLINGS — SCOVILL STYLE

Brass, internally expanded permanent coupling. Recommended for low pressure discharge and suction service. Should be used with 520H series ferrules, shown at right.

Part No. H5211A, 1" I.D. x 1" female NPT swivel.
Part No. H5212A, 1" I.D. x 1" male NPT.
(Use ferrules R1ASA, R1BSA, R1CSA with this coupling.)

Part No. H5221A, 1¼" I.D. x 1-1/4" female NPT swivel.
Part No. H5222A, 1¼" I.D. x 1-1/4" male NPT.
(Use ferrules R125ASA, R125BSA, R125CSA with this coupling.)

Part No. H5231A, 1½" I.D. x 1-1/2" female NPT swivel.
Part No. H5232A, 1½" I.D. x 1-1/2" male NPT.
(Use ferrules R15AASA, R15ASA, R15BSA, R15CSA with this coupling.)

520H SERIES FERRULES

Permits a perfect assembly of a coupling to a corresponding size of hose within commercial tolerances regardless of wall thickness. To be used with 520H series couplings, shown at left.

PART NO.	HOSE I.D.	HOSE O.D. RANGE
R1ASA	1"	1-30/64 to 1-32/64
R1BSA	1"	1-33/64 to 1-35/64
R1CSA	1"	1-36/64 to 1-38/64
R125ASA	1¼"	1-43/64 to 1-46/64
R125BSA	1¼"	1-47/64 to 1-50/64
R125CSA	1¼"	1-51/64 to 1-54/64
R125DSA	1¼"	1-55/64 to 1-58/64
R15AASA	1½"	1-58/64 to 1-62/64
R15ASA	1½"	1-63/64 to 2-2/64
R15BSA	1½"	2-3/64 to 2-6/64
R15CSA	1½"	2-7/64 to 2-11/64
R15DSA	1½"	2-12/64 to 2-14/64
R15ESA	1½"	2-15/64 to 2-19/64

SANDBLAST Hose Couplings

Sandblast hose couplings fit snugly over the cover of sandblast hose and are fastened with screws into the hose carcass. This design allows unrestricted flow of the sand or blast material, and minimizes coupling wear. Nozzle holders are threaded to accept sand nozzles, and female NPT adapters allow attachment to the blasting machine. The couplings come complete with natural rubber gaskets and screws.

SIZE	ALUMINUM COUPLING	BRASS COUPLING	ALUMINUM NOZZLE HOLDER	BRASS NOZZLE HOLDER	ALUMINUM FEMALE NPT ADAPTER	BRASS FEMALE NPT ADAPTER
3/4"	SQC-075-A*	SQC-075-B*	SNH-075-A*	SNH-075-B*	-	-
1"	SQC-100-A†	SQC-100-B†	SNH-100-A†	SNH-100-B†	-	-
1¼"	SQC-125-A•	SQC-125-B•	SNH-125-A•	SNH-125-B•	STA-125-A	STA-125-B
1½"	SQC-150-A¶	SQC-150-B¶	SNH-150-A¶	SNH-150-B¶	STA-150-A	STA-150-B

*Used on Goodyear hoses UBB-75 and PBW-100.
†Used on Goodyear hoses UBB-100 and PBW-125.
•Used on Goodyear hose UBB-125.
¶Used on Goodyear hose UBB-150.

coupling

nozzle holder

female NPT adapter

GASKET

Universal gasket for use with sandblast hose couplings.
Part No. SRG.

2 & 4 Lug Universal Air Couplings

FITTING TYPE	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Female End	AMC	AM-3	AM-8	AM-13	AM-18	AM-23	AM-28
Male End	AMB	AM-2	AM-7	AM-12	-	-	-
Hose End	AMH	AM-1	AM-6	AM-11	AM-16	AM-21	AM-26
3-Way Tee	AM-10	AM-10	AM-10	AM-10	-	-	-
Dead End	AM-0	AM-0	AM-0	AM-0	-	-	-
Air and Water Gasket	AWR-4	AWR-4	AWR-4	AWR-4	AWR-14	AWR-14	AWR-14
Neoprene Gasket	AWS-6	AWS-6	AWS-6	AWS-6	-	-	-
Safety Clip	AC-1	AC-1	AC-1	AC-1	AC-1	AC-1	AC-1

•Malleable Iron/Plated
Note** - Sizes 3/8" to 1" are 2 lug style; 1¼" to 2" are 4 lug style.

Female End

Male End

Hose End

3-Way Tee

Dead End

Industrial Hose Fittings

Fitting Type / Size	Male Pipe Stem	Hose Splicer	Complete Hose Fitting	Hose Stem Only	Wing Nut Only	Female Spud Only	Male Spud Only	Steel Hose Mender	Combination Hose Nipples
1/2"	MS-1	-	GF-6	GB-1	B-2	GB-3	GM-3	DM-1	ST-1
3/4"	MS-6	M-6	GF-26	GB-6	B-12	GB-8	GM-8	DM-6	ST-5
1"	MS-11	M-11	GF-36	GB-11	B-12	GB-13	GM-13	DM-11	ST-10
1-1/4"	MS-16	M-16	GF-51	GB-16	B-17	GB-18	GM-18	DM-16	ST-15
1-1/2"	MS-21	M-21	GF-61	GB-21	B-17	GB-23	GM-23	DM-21	ST-20
2"	MS-26	M-26	GF-81	GB-26	B-27	GB-28	GM-28	DM-26	ST-25
2-1/2"	MS-31	M-31	GF-96	GB-31	B-32	GB-33	-	DM-31	ST-30
3"	MS-36	M-36	GF-111	GB-36	B-37	GB-38	-	DM-36	ST-35
4"	MS-46	-	GF-141	GB-46	B-47	GB-48	-	DM-46	ST-40
5"	-	-	-	-	-	-	-	-	ST-50
6"	-	-	-	-	-	-	-	DM-66	ST-60

Boss Couplings

"BOSS" MALE STEM
Steel Bar Stock
Part No. MS8X6, 1/2" hose stem x 3/8" male NPT.
Part No. MS12X16, 3/4" hose stem x 1" male NPT.

DIXON MINING FITTINGS
These lightweight fittings are designed for underground air and water service.
Part No. MFS8-16, 1/2" stem.
Part No. MFS12-16, 3/4" stem.
Part No. MFS16-16, 1" stem.
Part No. MFN16, 1" hex nut.

DIXON
The Right Connection™

STAINLESS STEEL COMBINATION NIPPLES

PART NO.	SIZE
RST1	1/2"
RST5	3/4"
RST10	1"
RST15	1-1/4"
RST20	1-1/2"
RST25	2"
RST30	2-1/2"
RST35	3"
RST40	4"
RST50	5"
RST60	6"

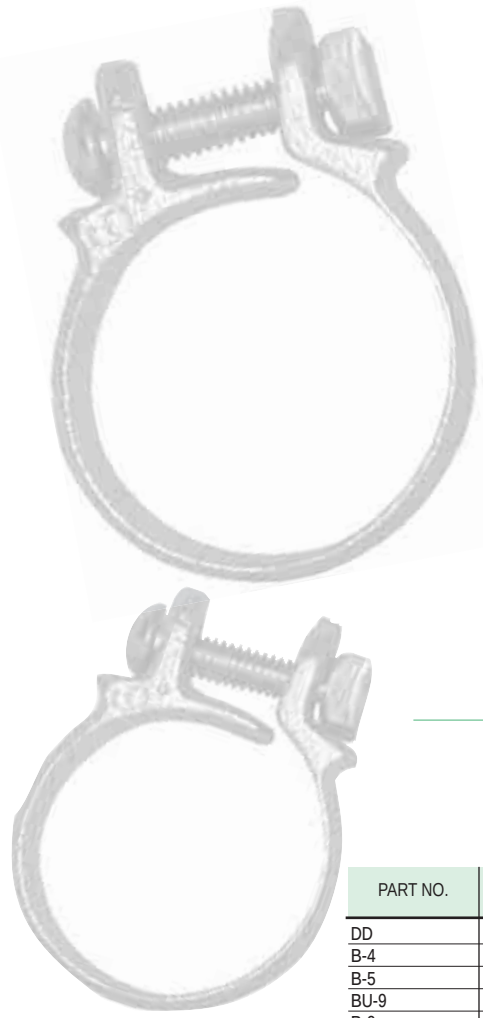
PLATED STEEL "KING"COMBINATION NIPPLES - HOSE SHANK X MALE NPT REDUCER

PART NO.	HOSE SHANK	MALE NPT
STC1005	1"	3/4"
STC1510	1-1/4"	1"
STC2015	1-1/2"	1-1/4"
STC2520	2"	1-1/2"
STC3025	2-1/2"	2"
STC3530	3"	2-1/2"
STC4035	4"	3"

PLATED STEEL "KING"COMBINATION NIPPLES - HOSE SHANK X MALE NPT INCREASER

PART NO.	HOSE SHANK	MALE NPT
STC0510	3/4"	1"
STC1015	1"	1-1/4"
STC1520	1-1/4"	1-1/2"
STC2025	1-1/2"	2"
STC2530	2"	2-1/2"
STC3035	2-1/2"	3"
STC3540	3"	4"

Hose Clamps



SERIES 700

Series 700 single bolt (band type) malleable iron-plated for use with Shank Couplings, Combination Nipples, and Pipe Nipples.

PART NO.	HOSE O.D. RANGE
8	1-13/32 to 1-9/16
12	1-7/8 to 2-1/16
13	2 to 2-1/4
15	2-1/4 to 2-1/2
17	2-1/2 to 2-3/4
18	2-5/8 to 2-7/8
19	2-7/8 to 3-1/16
20	3-1/16 to 3-1/4
22	3-7/16 to 3-5/8
23	3-5/8 to 3-13/16
26	4-1/4 to 4-1/2
27	4-7/16 to 4-5/8
27X	4-5/8 to 4-7/8
28	4-7/8 to 5-1/4

SERIES 750

Series 750 double bolt clamps, malleable iron plated.

PART NO.	HOSE O.D. RANGE
DL-32	2-5/16 to 2-5/8
400	3-1/2 to 4
463	4-1/16 to 4-5/8
525	4-11/16 to 5-1/4
550	5 to 5-1/2
600	5-5/16 to 6-1/16
675	6-1/8 to 6-7/8
769	6-15/16 to 7-5/8
818	7-11/16 to 8-3/16
875	8-1/4 to 8-7/8
988	8-15/16 to 9-7/8
1125	9-15/16 to 11-3/8

Clamp Couplings

Plated Malleable Iron. *NOTE*:
Sizes 1/2 to 3/4" - 2 bolt
Sizes 1" to 3" - 4 bolt
Size 4" - 6 bolt

PART NO.	HOSE I.D.	HOSE O.D. RANGE
DD	1/2"	52/64" to 60/64"
B-4	1/2"	60/64" to 1-4/64"
B-5	1/2"	1-4/64" to 1-12/64"
BU-9	3/4"	1-10/64" to 1-20/64"
B-9	3/4"	1-20/64" to 1-32/64"
B-10	3/4"	1-32/64" to 1-44/64"
BU-14	1"	1-34/64" to 1-46/64"
B-14	1"	1-44/64" to 1-60/64"
B-15	1"	1-60/64" to 2-8/64"
BU-19	1-1/4"	1-50/64" to 2-6/64"
BU-24	1-1/2"	2-12/64" to 2-24/64"

PART NO.	HOSE I.D.	HOSE O.D. RANGE
B-24	1-1/2"	2-24/64" to 2-36/64"
B-25	1-1/2"	2-36/64" to 2-48/64"
BU-29	2"	2-32/64" to 2-50-64"
B-29	2"	2-48/64" to 3-4/64"
B-30	2"	3-6/64" to 3-28/64"
B-34	2-1/2"	3-32/64" to 3-60/64"
B-35	3"	3-52/64" to 4-4/64"
B-39	3"	4-4/64" to 4-28/64"
BS-39	4"	4-16/64" to 4-52/64"
BU-49	4"	5-16/64" to 5-38/64"
B-49	4"	5-34/64" to 5-60/64"

DIXON
The Right Connection™

LOCKABLE CAMLOCK DUST CAPS

Dixon Lockable Camlock Dust Caps are available in brass and aluminum. The caps feature handles which fold over the top of the cap and permit the use of a lock-out or padlock to secure the cap closed and make it tamper proof.

SIZE	ALUMINUM PART NO.	BRASS PART NO.	REPLACEMENT HANDLE PART NO.
2"	AL200DCL	BR200DCL	200LHBR
3"	AL300DCL	BR300DCL	-
4"	AL400DCL	BR400DCL	-
6"	AL600DCL		

NOTE: Replacement handles do not come with pins (See page X28).

TANK TRUCK SAFETY CAPS

Part No. 300PC-AL, 3" NPT female aluminum transport tank safety cap - dry goods use only, no relief valve.
Part No. 300PC-SS, 3" NPT female stainless steel transport tank safety cap - dry goods use only, no relief valve.
Part No. 300SFC-SS, 3" NPT female fusible stainless steel transport tank safety cap, 121°C critical temperature - meets DOT specifications MC306 and MC307.

SOLID BRASS HOSE NOZZLES

Dixon Solid Brass Nozzles are a free flow solid nozzle for spraying water. These nozzles do not have any kind of shut off.

PART NO.	THREAD SIZE	THREAD TYPE	LENGTH	DISCHARGE OPENING
BN-6	3/4"	GHT	6"	1/4"
BN-7	3/4"	NPSM	6"	1/4"
BN-10	1"	NPSM	8"	5/16"
BN-12	1-1/4"	NPSM	10"	3/8"
BN-15	1-1/2"	NPSM	10"	1/2"
BN-20	2"	NPSM	12"	9/16"
BN-25	2-1/2"	NPSM	12"	1"

THREAD DESIGNATION:
GHT: Garden Hose Thread
NPSM: National Pipe Straight Mechanical

FIRE HOSE NOZZLES

Dixon Fire Hose Nozzles are designed for water applications only and pressures up to 100 psi. All nozzles come complete with a bumper on the front to help protect the nozzle from damage if dropped or if something is dropped on them. Fire hose nozzles are adjustable from straight stream to fog discharges. These nozzles are made from factory mutual approved thermoplastic.

PART NO.	THREAD SIZE	THREAD TYPE
FNB75GHT	3/4"	GHT
FNB75S	3/4"	NPS
CFB100S	1"	NPS
CFB150S	1-1/2"	NPS

Thread Designation:
GHT: Garden Hose Thread
NPS: National Pipe Thread Straight

SUCTION HOSE STRAINERS

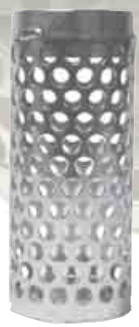
Heavy duty suction strainers are equipped with standard pipe thread for easy connection. Constructed of heavy gauge steel then plated and chromate coated for additional corrosion protection. An "open" area of over 50% allows strainers to filter out large damaging debris, yet permits sufficient water passage to keep pumps functioning at full capacity.

Standard Threaded Round Hole Type

PART NO.	THREAD SIZE	STRAINER HEIGHT
RHS-20	1-1/2"	3"
RHS-25	2"	4"
RHS-30	2-1/2"	3-1/2"
RHS-35	3"	5"
RHS-40	4"	4-1/2"
RHS-60	6"	9"

Long Thin Round Hole Type

PART NO.	THREAD SIZE	STRAINER HEIGHT
RSS-25	2"	6-5/8"
RSS-35	3"	9-1/2"



DRUM WRENCH

The Dixon Drum Plug Wrench is for removing the 2" or 3/4" bung from 205 litre drums. This drum wrench is made from a bronze material which is sparkproof and safe around flammables.
Part No. DPW.

SAFETY POP OFF VALVES

Dixon Safety Pop Off Valves meet the ASME Code; National Board Certified Safety Valves are designed to protect un-fired pressure vessels from over pressure. Maximum operating temperature is 121°C. All Dixon Safety Pop Off Valves are made with 1/4" male pipe thread and are made from an all brass construction with a chrome steel ball on a precision machined brass seat. Most common applications for these safety valves is on stationary or portable shop air compressors.

PART NO.	PRESET RELIEF PRESSURE
SV-100	100 psi
SV-125	125 psi
SV-150	150 psi
SV-175	175 psi
SV-200	200 psi

HOT WATER WASHDOWN SPRAY NOZZLE

For low pressure cleaning and sanitation applications, such as food and dairy processing, tank and drum cleaning, pharmaceutical and chemical manufacturing and meat and poultry packing. Efficient design for operator comfort.
1/2" female NPT inlet. Black cover. Variable spray pattern from solid stream to 50° hollow cone. Hose connects at base of gun for easy maneuvering. Rubber coated handle protects hands from water temperatures to 66°C. 14 GPM flow capacity. Available with brass construction. Maximum operating pressure: 150 PSI.
Part No. BWSG.

DIXON
The Right Connection™

EAGLE PRODUCTS

2 & 4 Lug Universal Air Couplings

FITTING TYPE	3/8"	1/2"	3/4"	1"	1¼"	1½"	2"
Female End	IAMC	IAM-3	IAM-8	IAM-13	IAM-18	IAM-23	IAM-28
Male End	IAMB	IAM-2	IAM-7	IAM-12	-	-	-
Hose End	IAMH	IAM-1	IAM-6	IAM-11	IAM-16	IAM-21	IAM-26
3-Way Tee	IAM-10	IAM-10	IAM-10	IAM-10	-	-	-
Dead End	IAM-0	IAM-0	IAM-0	IAM-0	-	-	-
Air and Water Gasket	IAWR-4	IAWR-4	IAWR-4	IAWR-4	IAWR-14	IAWR-14	IAWR-14

•Malleable Iron/Plated
Note** - Sizes 3/8" to 1" are 2 lug style; 1¼" to 2" are 4 lug style.

Female End

Male End

Hose End

3-Way Tee

Dead End

Industrial Hose Fittings

Fitting Type / Size	Male Pipe Stem	Hose Splicer	Hose Stem Only	Wing Nut Only	Female Spud Only	Male Spud Only	Plated Hose Mender	Combination Nipples			
								Plain	Stainless	Plated	Victaulic
1/2"	IMS-1	IM-1	IGB-1	IB-2	IGB-3	IGM-3	IDM-1	-	IRST-1	-	-
3/4"	IMS-6	IM-6	IGB-6	IB-12	IGB-8	IGM-8	IDM-6	-	IRST-5	-	-
1"	IMS-11	IM-11	IGB-11	IB-12	IGB-13	IGM-13	IDM-11	-	IRST-10	-	-
1-1/4"	IMS-16	IM-16	IGB-16	IB-17	IGB-18	IGM-18	IDM-16	-	IRST-15	-	-
1-1/2"	IMS-21	IM-21	IGB-21	IB-17	IGB-23	IGM-23	IDM-21	-	IRST-20	-	-
2"	IMS-26	IM-26	IGB-26	IB-27	IGB-28	IGM-28	IDM-26	IST-25	IRST-25	ISTC-25	ISTV-25C
2-1/2"	IMS-31	IM-31	IGB-31	IB-32	IGB-33	-	IDM-31	IST-30	IRST-30	ISTC-30	ISTV-30C
3"	IMS-36	IM-36	IGB-36	IB-37	IGB-38	-	IDM-36	IST-35	IRST-35	ISTC-35	ISTV-35C
4"	IMS-46	IM-46	IGB-46	IB-47	IGB-48	-	IDM-46	IST-40	IRST-40	ISTC-40	ISTV-40C
5"	-	-	-	-	-	-	IDM-51	IST-50	-	ISTC-50	-
6"	-	-	-	-	-	-	IDM-66	IST-60	IRST-60	ISTC-60	ISTV-60C
8"	-	-	-	-	-	-	IDM-86	IST-80	-	ISTC-80	ISTV-80C

SUCTION HOSE STRAINERS

PART NO.	THREAD SIZE	STRAINER HEIGHT
IRHS-20	1-1/2"	3"
IRHS-25	2"	4"
IRHS-30	2-1/2"	3-1/2"
IRHS-35	3"	5"
IRHS-40	4"	4-1/2"
IRHS-60	6"	9"

FOOT VALVES

PART NO.	SIZE
FV-200DP	2"
FV-250DP	2-1/2"
FV-300DP	3"
FV-400DP	4"
FV-600DP	6"
FV-800DP	8"

CLAMP COUPLINGS

Plated Malleable Iron. Note: Sizes 1/2" to 3/4" = 2 bolt. Sizes 1" to 3" = 4 bolt. Sizes 4" = 6 bolt.

PART NO.	HOSE I.D.	HOSE O.D. RANGE
IB-4	1/2"	15/16" to 1-1/16"
IB-5	1/2"	1-1/16" to 1-3/16"
IBU-9	3/4"	1-3/16" to 1-5/16"
IB-9	3/4"	1-5/16" to 1-1/2"
IB-10	3/4"	1-1/2" to 1-11/16"
IBU-14	1"	1-17/32" to 1-23/32"
IB-14	1"	1-5/8" to 1-27/32"
IB-15	1"	1-7/8" to 2-1/16"
IBU-24	1-1/2"	2-3/32" to 2-9/32"
IB-24	1-1/2"	2-1/4" to 2-7/16"
IB-25	1-1/2"	2-15/32" to 2-23/32"
IBU-29	2"	2-1/2" to 2-25/32"
IB-29	2"	2-3/4" to 3-1/16"
IB-30	2"	3-3/32" to 3-7/16"
IB-34	2-1/2"	3-1/2" to 3-15/16"
IB-35	3"	3-13/16" to 4-3/16"
IB-39	3"	4-1/16" to 4-7/16"
IBS-39	4"	4-1/4" to 4-13/16"
IBU-49	4"	5-1/4" to 5-19/32"

Automatic Shut-Off Fuel Delivery Nozzles

PART NO.	DESCRIPTION	REPLACEMENT NOZZLE SPOUT NO.
11-A	3/4" full serve nozzle - leaded	5-B
11-B	3/4" full serve nozzle - leaded, prepay	5-BB
11-AP	3/4" full serve nozzle - unleaded	5-BP
11-BP	3/4" full serve nozzle - unleaded, prepay	5-BBP
11-AK	3/4" self serve nozzle - leaded	5-BK
11-BK	3/4" self serve nozzle - leaded, prepay	5-BBK
11-AKP	3/4" self serve nozzle - unleaded	5-BKP
11-BKP	3/4" self serve nozzle - unleaded, prepay	5-BBKP
11-APF	3/4" farm use nozzle - with black hand insulator	5-BPFS
7-H	1" truck stop nozzle	5-BH
		5-BHB (12" long)
7-HB-ATT	1" truck stop nozzle - prepay w/ FlowLock™	5-BBH-0136
1290	1-1/2" automatic nozzle	5-D

OPW 11-A® - is designed with today's consumer in mind. Small, trim, light-in-weight, easy and convenient to use, the OPW 11-A is also a rugged performer that offers long life and reliable service.

OPW 11-B® - high quality automatic shut-off nozzle is designed specifically for the self-service pre-pay or card-lock systems, to help prevent gasoline spills. The OPW 11-B cannot be opened until the pumping system is pressurized, and closes automatically when the pressure is removed. This means the OPW 11-B is closed when placed back in the dispenser storage position.

OPW 7-H® - if you operate a full service truckstop, refuel your own fleet, or manage a cardlock refuelling location, the low cost, long life and durability of OPW 7-H high flow nozzles can help increase your productivity, sales, and profits.

OPW 7-HB-ATT - same as OPW7-HB, but with FlowLock™ - designed to shut-off automatically when the spout is tipped up, limiting spillage.

OPW 1290 - features: •Venturi type automatic shut-off mechanism •Aluminum body, light weight, easy to maneuver •Two-position hold-open device; one-hand control- means easy setting of flow rate •Easily replaced spout; simply remove the spout retainer nut •Right angle design provides larger lever area for better grip and easier control; permits nozzle to fit into awkward spaces close to walls and into corners •Built-in outlet check valve meets all known requirements of the Division of Measurement Standards •Dual poppets make nozzle easy to open against high inlet pressure. (Maximum static operating pressure 50 psi.)

5-B
Leaded, diesel, Kerosene

5-BBP Unleaded

11-B (splash guard sold separately)

11-A

7HB-ATT

1290

7-H

Automatic Shut-Off Nozzle Accessories

FULL HAND INSULATORS

PART NO.	COLOUR	NOZZLE NO.
6-HKG	Green	11-A
6-HKS	Silver	11-A
6-HKR	Red	11-A
6-HKBL	Black	11-A
6-HKB	Blue	11-A
6-HKW	White	11-A
6-HKY	Yellow	11-A
6-BG	Green	11-B
6-BR	Red	11-B
6-BBL	Black	11-B
6-BB	Blue	11-B
6-BY	Yellow	11-B
6-SG	Green	7H
6-SB	Black	7H
6-SBG	Green	7HB-ATT
6-SBB	Black	7HB-ATT
6-SBY	Yellow	7HB-ATT

FILLGARD® SPLASH GUARDS

PART NO.	COLOUR
6-RG	Green
6-RS	Silver
6-RR	Red
6-RBL	Black
6-RB	Blue
6-RW	White
6-RY	Yellow

FUEL DELIVERY SWIVELS

Part No. 36S-3/4, 3/4" NPT straight swivel.
Part No. 36S-1, 1" NPT straight swivel.
Part No. 45-3/4, 3/4" NPT 45° hose swivel.
Part No. 45-1, 1" NPT 45° hose swivel.
Part No. 241TPS-0241, 3/4" NPT dual plane swivel.
Part No. 20S-3/4, 3/4" NPT low temperature dual 360° swivel.
Part No. 20S-1, 1" NPT low temperature dual 360° swivel.

36S-3/4

45-3/4

241TPS-0241

20S-3/4

BREAKAWAY CONNECTOR

Fuel hose breakaway valve. Designed to be installed in fuel dispensing hoses, this coupler will break away with a pull force of less than 250 lbs. Dual valves seal automatically upon break away, limiting fuel spillage, while protecting dispensing equipment.
Part No. 66V, 3/4" NPT.
Part No. 66V-1300, 1" NPT.

FLOW LIMITERS

Part No. 44-0044, 3/4" F x 3/4" F (NPT).
Part No. 44N-1044, 3/4" F x 3/4" M (NPT).

HUSKY X — ¾" AUTOMATIC SHUT-OFF NOZZLE

•Shuts off when gas tank is full •Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal •Nozzle comes with smooth Full Grip Guard •Steel reinforced spout bushing keeps spout tip round, and acts as a captive fastener to prevent tip-end sensor damage •Standard Flo-Equalizer regulates flow to 10 GPM max. •NPT thread •Weighs 2.5 lbs.
Part No. 159404-04, Unleaded, with hold-open clip.
Part No. 159408-04, Unleaded, without hold-open clip.

(Waffle Splash Guard is optional, as seen in photo)

HUSKY X S — ¾" PRESSURE ACTIVATED PREPAY AUTOMATIC NOZZLE

•Pressure activated nozzle for self-service, full service, and unattended stations •Nozzle comes with smooth Full Grip Guard •Nozzle shuts off when a) the pump shuts off b) when the gas tank is full c) when the lever is opened before the pump is turned on d) when the leak detector has not completed its test cycle •Aluminum reinforced spout bushing keeps spout tip round, acts as a captive fastener to prevent tip-end sensor damage •Standard Flo-Equalizer regulates flow to 10 GPM max •Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal. •NPT thread •Weighs 2.6 lbs.
Part No. 159504-04, Unleaded, prepay nozzle with hold-open clip.
Part No. 159508-04, Unleaded, prepay nozzle without hold-open clip.

HUSKY X & HUSKY X S ACCESSORIES

Part No. 1473, Replacement spout.

Full Grip Hand Guard
Part No. 4145-01, blue.
Part No. 4145-02, red.
Part No. 4145-03, green.
Part No. 4145-04, black.
Part No. 4145-05, yellow.

HUSKY VIII — 1" HIGH VOLUME AUTOMATIC SHUT-OFF NOZZLE

•Automatic shut-off nozzles for Truck Stop and other high volume applications •Husky VIII nozzle shuts off when the gas tank is full •Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal •Flow rates up to 75 GPM •Spout is reinforced with a thick aluminum bushing that retains spout spring and keeps spout from rounding-in — the two leading causes of clicking-off and spit-back spillage •For diesel or gasoline •NPT thread •Weighs 4.1 lbs.
Part No. 173310-04, With hold-open clip.

HUSKY VIII S — 1" HIGH VOLUME PRESSURE ACTIVATED AUTOMATIC NOZZLE

•Automatic shut-off nozzles for Truck Stop and other high volume applications •Pressure shut-off nozzle for unattended self-service and unattended stations •Husky VIII S nozzle shuts off: a) when the pump shuts off b) when the gas tank is full c) when the lever is opened before the pump is turned on d) when the leak detector has not completed its test cycle •Flow rates up to 75 GPM •Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal •Spout is reinforced with a thick aluminum bushing that retains spout spring and keeps spout from rounding-in — the two leading causes of clicking-off and spit-back spillage •Full Grip handguard and Waffle Splash Guard is standard with these nozzles •For diesel or gasoline •NPT thread •Weighs 4.2 lbs.
Part No. 177610-04, With hold-open clip.

HUSKY VIII S & HUSKY VIII ACCESSORIES

Part No. 2279, High flow spout with bushing.

Full Grip Hand Guard
Part No. 4740-01, blue.
Part No. 4740-02, red.
Part No. 4740-03, green.
Part No. 4740-04, black.
Part No. 4740-05, yellow.

HUSKY 1-GS — 1" AUTOMATIC SHUT-OFF NOZZLE

•Automatic shut-off nozzle for farm, 12V skid tank pumps, or larger pumps without air eliminators •Nozzle shuts off when gas tank is full •Not to be used with gravity tanks; not legal for retail dispensing •Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal •Inlet size 1" •NPT thread •Weight 3.0 lbs.
Part No. 045704-04, Unleaded with hold-open clip.

Husky 1-GS Accessories
Part No. 1473, Unleaded spout.
Part No. 0554-04, Full grip hand guard, black.

HUSKY 1691 — 1½" HIGH VOLUME AUTOMATIC SHUT-OFF NOZZLE

Provides 100 GPM; 30% lighter than similar nozzles
•Designed with extra large hand opening to accommodate gloves or mittens •Check valve is in nozzle body, not the spout, for inexpensive, fast spout replacement •Self-adjusting stem packing — no field adjustment is required •Automatic shut-off, with dual poppets for easy opening •Two position hold-open latch •Right angle design allows nozzle to "fit" close to walls and corners •Cast-in protective standoffs provide durability with rough usage •For diesel or gasoline •Weighs 3.96 lbs.
Part No. 169010, With hold-open clip.

Husky 1691 Accessories
Part No. 5042, 1-3/8" O.D. replacement spout.

Fuel Dispensing Products — Accessories

SWIVELS FOR STANDARD FUEL NOZZLES

Part No. 0350, Multi-plane swivel, ¾"M x ¾"F.
Part No. 2272, 90° pump swivel, ¾"M x ¾"F.
Part No. 0087, Multi-plane swivel, 1"M x 1"F.
Part No. 5266, 1½" x 1½" high flow swivel.
Part No. 5235, 1¼" x 1¼" high flow swivel.

BREAKAWAY VALVES

Stops the flow of fuel on both sides of the separation.
Part No. 2273, ¾"F x ¾"F NPT Safe-T-Break® breakaway valve.

Part No. 3360, ¾"F x ¾"F NPT reconnectable Safe-T-Break® breakaway valve.

Part No. 3096, Scuff guard for use with #3360 breakaway valve.

Part No. 2276, 1"F x 1"F NPT reconnectable Safe-T-Break® breakaway valve (for truck and high volume fueling).

Part No. 3098, Scuff guard for use with #2276 breakaway valve.

Part No. 5812, 1"F x 1"F NPT non-reconnectable Safe-T-Break® - Includes scuff guard to protect the dispenser while hanging. Separates at less than 300 lbs. pull force.

BUSHINGS

Part No. 0385, 1"M x ¾"F bushing.

WAFFLE SPLASH GUARDS

Part No. 1808-01, Splash guard, blue.
Part No. 1808-02, Splash guard, red.
Part No. 1808-03, Splash guard, green.
Part No. 1808-04, Splash guard, black.
Part No. 1808-05, Splash guard, yellow.

HUSKY

DIXON
The Right Connection™

900 Series
angled spout

900 Series
straight spout

114DA/
112DAL

GRAVITY FEED NOZZLES & ACCESSORIES

Bayco 900 and 1250 series low pressure nozzles are designed for use with 12 volt utility pumps and gravity flow fuel dispensing.

PART NO.	DESCRIPTION	REPAIR KIT	REPLACE. SPOUT
900S	1" NPT nozzle with 1" straight spout	900SK	875-4
900B	1" NPT nozzle with 1" angled spout	900SK	875-5
900W34S	1" NPT nozzle with 3/4" straight spout	900SK	234-80-4
900W34B	1" NPT nozzle with 3/4" angled spout	900SK	234-80-5
900S34	1" NPT nozzle with 3/4" straight spout and 1" x 3/4" NPT bushing	900SK	234-80-4
900B34	1" NPT nozzle with 3/4" angled spout and 1" x 3/4" NPT bushing	900SK	234-80-5
	1-1/4" NPT low pressure gravity flow nozzle with 1-1/4" spout	1250SK	1250-3

1250

STANDARD BULK DELIVERY NOZZLES

Bayco's bulk delivery nozzles handle pressure for flows of 40 - 80 gallons per minute and have a manual shut-off.

PART NO.	DESCRIPTION	REPAIR KIT	REPLACE. SPOUT
114DA	1-1/4" NPT pressure nozzle with 1-1/2" spout	114DSK	1143A
112DAL	1-1/2" NPT pressure nozzle with 1-7/8" spout	112DSK	1125A
BL-124	1-1/2" NPT ball type nozzle with 1-5/8" spout		

HOSE SWIVELS & CHECK VALVES

Bayco Hose Swivels and Check Valves are recommended for use on fuel oil delivery nozzles
to prevent hose from twisting and kinking. Bayco Check Valves are used between hose and nozzle. Poppet opens at 2 psi.
Part No. SWMF125, 1¼" NPT male x female hose swivel.
Part No. SWMF150, 1½" NPT male x female hose swivel.

Part No. 1210, 1¼" NPT male x female check valve.
Part No. 1220, 1½" NPT male x female check valve.

Part No. 1580U, 1½" NPT male x female combination swivel/ check valve.

SWMF125/SWMF150

1210/1220

SAF-T-LOCK ANGLE VALVES

PART NO.	DESCRIPTION	REPAIR KIT
500	1" NPT female heavy duty farm tank angle valve	500K
525	1-1/4" NPT female heavy duty farm tank angle valve	

500/525

PRESSURE FILL & VENT CAPS

Part No. 2000L, 2" NPT fill and vent cap for gravity flow fuel tanks.
Part No. 2500L, 2½" NPT fill and vent cap for gravity flow fuel tanks.
Part No. 2500SFV, 2½" NPT fill and vent cap - no valves - for gravity tanks.

For gravity flow fuel tanks - fully automatic.
1. Pressure Relief Valve
Allows for escapement when temperature builds up excessive pressure. Opens at 2 psi.
2. Intake Vacuum Valve
Allows air to enter when pressure drops or when drawing off fuel. Opens at .33 psi.

•The locking feature gives you the advantage of added protection against possible pilferage. The model 2500L or 2000L is used with a fuel storage tank which has a locking lug attached to fill opening. Simply tighten cap, insert padlock and snap shut.

2000L/2500L
(Lock Not Included)

Camlocks & Accessories

SIZE	Camlock Material	PART NUMBERS											
		PART A	PART B	PART C	PART D	PART E	PART F	PART DC	PART DP	Handle w/ Ring	Pin for Handle	Gasket	Replace-ment Chain
1/2"	*Aluminum*	AL-050A	AL-050B	AL-050C	AL-050D	AL-050E	AL-050F	AL-050DC	AL-050DP	-	-	GASK-050	ACH600
3/4"	*Aluminum*	AL-075A	AL-075B	AL-075C	AL-075D	AL-075E	AL-075F	AL-075DC	AL-075DP	75HP-SP*		GASK-075	ACH600
	Brass	BR-075A	BR-075B	BR-075C	BR-075D	BR-075E	BR-075F	BR-075DC	BR-075DP	75HP-SP*		GASK-075	ACH600
1"	*Aluminum*	AL-100A	AL-100B	AL-100C	AL-100D	AL-100E	AL-100F	AL-100DC	AL-100DP	100-HP-SP	-	GASK-100	ACH600
	Bronze	BR-100A	BR-100B	BR-100C	BR-100D	BR-100E	BR-100F	BR-100DC	BR-100DP	100-HP-SP	-	GASK-100	ACH600
1-1/4"	*Aluminum*	AL-125A	AL-125B	AL-125C	AL-125D	AL-125E	AL-125F	AL-125DC	AL-125DP	ACAR12	L519-10	GASK-125	ACH600
	Bronze	BR-125A	BR-125B	BR-125C	BR-125D	BR-125E	BR-125F	BR-125DC	BR-125DP	ACAR12	L519-10	GASK-125	ACH600
1-1/2"	Aluminum	AL-150A	AL-150B	AL-150C	AL-150D	AL-150E	AL-150F	AL-150DC	AL-150DP	ACAR12	L519-10	GASK-150	ACH600
	Bronze	BR-150A	BR-150B	BR-150C	BR-150D	BR-150E	BR-150F	BR-150DC	BR-150DP	ACAR12	L519-10	GASK-150	ACH600
2"	*Aluminum*	AL-200A	AL-200B	AL-200C	AL-200D	AL-200E	AL-200F	AL-200DC	AL-200DP	ACAR12	L519-10	GASK-200	ACH600
	Bronze	BR-200A	BR-200B	BR-200C	BR-200D	BR-200E	BR-200F	BR-200DC	BR-200DP	ACAR12	L519-10	GASK-200	ACH600
	Stainless	SS-200A	SS-200B	SS-200C	SS-200D	SS-200E	SS-200F	SS-200DC	SS-200DP	ACAR12S*	L519-10	GASK-200	-
2-1/2"	*Aluminum*	AL-250A	AL-250B	AL-250C	AL-250D	AL-250E	AL-250F	AL-250DC	AL-250DP	ACAR12	L519-10	GASK-250	ACH600
	Bronze	BR-250A	-	BR-250C	BR-250D	BR-250E	BR-250F	-	BR-250DP	ACAR12	L519-10	GASK-250	ACH600
3"	*Aluminum*	AL-300A	AL-300B	AL-300C	AL-300D	AL-300E	AL-300F	AL-300DC	AL-300DP	ACAR34	L519-12	GASK-300	ACH1200
	Bronze	BR-300A	BR-300B	BR-300C	BR-300D	BR-300E	BR-300F	BR-300DC	BR-300DP	ACAR34	L519-12	GASK-300	ACH1200
	Stainless	SS-300A	SS-300B	SS-300C	SS-300D	SS-300E	SS-300F	SS-300DC	SS-300DP	ACAR34S*	L519-12	GASK-300	-
4"	*Aluminum*	AL-400A	AL-400B	AL-400C	AL-400D	AL-400E	AL-400F	AL-400DC	AL-400DP	ACAR34	L519-12	GASK-400	ACH1200
	Bronze	BR-400A	BR-400B	BR-400C	BR-400D	BR-400E	BR-400F	BR-400DC	BR-400DP	ACAR34	L519-12	GASK-400	ACH1200
	Stainless	SS-400A	SS-400B	SS-400C	SS-400D	SS-400E	SS-400F	SS-400DC	SS-400DP	ACAR34S	L519-12	GASK-400	-
5"	*Aluminum*	AL-500A	AL-500B	AL-500C	AL-500D	AL-500E	AL-500F	AL-500DC	AL-500DP	ACAR34	L519-12	GASK-500	ACH1200
	Bronze	BR-500A	-	-	BR-500D	-	-	BR-500DC	-	-	L519-12	GASK-500	ACH1200
6"	*Aluminum*	AL-600A	AL-600B	AL-600C	AL-600D	AL-600E	AL-600F	AL-600DC	AL-600DP	ACAR60	L519-14	GASK-600	ACH1200
	Bronze	BR-600A	-	BR-600C	BR-600D	BR-600E	BR-600F	BR-600DC	BR-600DP	ACAR60	L519-14	GASK-600	ACH1200

*Stainless arms; sold with pins.

PART A
Male Adapter - Female NPT

PART B
Female Coupler - Male NPT

PART C
Female Coupler - Hose Shank

PART D
Female Coupler - Female NPT

PART E
Male Adapter - Hose Shank

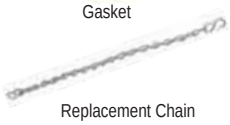
PART F
Male Adapter - Male NPT

PART DC
Dust Cap for Male Adapter c/w Security Chain

PART DP
Dust Plug for Female Coupler c/w Security Chain

Handle with Ring & Pin
(pin sold separately)

Gasket



Replacement Chain

Pressure Ratings:
Recommendations based on the use of mating Dixon fittings at ambient temperature (70°F/21°C) with standard Buna-N Seal installed. Dixon, Boss-Lock and EZ Boss-Lock couplers and adapters maximum working pressure:

Sizes:	½"	¾" - 2"	2½"	3"	4"	5" & 6"
PSI:	150	250	150	125	100	75

BAYCO

LOCKING DUST CAPS

Part No. AL400DCL, 4" aluminum locking dust cap.
Part No. BR300DCL, 3" bronze locking dust cap.
Part No. BR400DCL, 4" bronze locking dust cap.

SAFETY CHAINS/REPLACEMENT RINGS

Part No. SLC-6, 6" aluminum safety chain c/w snap hook used to lock down camlock arms
Part No. ACH600, 6" aluminum chain with 'S' hooks for 1/2" - 2½" camlock caps and plugs
Part No. ACH1200, 12" plated steel chain with 'S' hooks for 4" - 6" camlock caps and plugs.
Part No. R1075SP, Standard ring for camlock arm.

replacement ring

90° ELBOWS & ADAPTERS

Part No. AL200L, 2" female camlock x 2" female NPT aluminum 90° elbow.
Part No. AL300L, 3" female camlock x 3" female NPT aluminum 90° elbow.
Part No. 4030FA-AL, 3" male camlock x 4" female NPT aluminum adapter.

Female Camlock
Female NPT Elbow

ALUMINUM DOUBLE MALE ADAPTERS

Part No. AL200-200AA, 2" x 2".
Part No. AL300-200AA, 3" x 2".
Part No. AL300-300AA, 3" x 3".
Part No. AL400-300AA, 4" x 3".
Part No. AL400-400AA, 4" x 4".
Part No. AL600-400AA, 6" x 4".

ALUMINUM COUPLER TO ADAPTER CAMLOCKS

Part No. AL200-300CA, 2" x 3".
Part No. AL300-200CA, 3" x 2".
Part No. AL400-200CA, 4" x 2".
Part No. AL400-300CA, 4" x 3".
Part No. AL600-400CA, 6" x 4".
Part No. 3040-DAAL, 3" x 4".

ALUMINUM COUPLER TO COUPLER CAMLOCKS

Part No. 200-DDAL, 2" x 2".
Part No. 300-DDAL, 3" x 3".
Part No. 400-DDAL, 4" x 4".

STAINLESS STEEL COUPLER TO ADAPTER CAMLOCKS

Part No. SS300-200CA, 3" x 2".
Part No. SS400-300CA, 4" x 3".

"EZ BOSS-LOCK" TYPE D COUPLERS

Type D cam and groove female coupler x female NPT.
Part No. AD150EZ, 1½".
Part No. AD200EZ, 2".
Part No. AD300EZ, 3".
Part No. AD400EZ, 4".

"EZ BOSS-LOCK" TYPE C COUPLERS

Type C cam and groove female coupler x hose shank.
Part No. AC150EZ, 1½".
Part No. AC200EZ, 2".
Part No. AC300EZ, 3"
Part No. AC400EZ, 4".

"EZ BOSS-LOCK" TYPE B COUPLERS

Type B cam and groove female coupler x male NPT.
Part No. AB150EZ, 1½".
Part No. AB200EZ, 2".
Part No. AB300EZ, 3".
Part No. AB400EZ, 4".

"EZ BOSS-LOCK" TYPE H DUST CAPS

Type H dust caps.
Part No. AH150EZ, 1½".
Part No. AH200EZ, 2".
Part No. AH300EZ, 3"
Part No. AH400EZ, 4".

BRASS "EZ BOSS-LOCK" COUPLERS

Brass.
Part No. BD100EZ, 1".
Part No. BD200EZ, 2".
Part No. BD300EZ, 3".
Part No. BD400EZ, 4".

BRASS "EZ BOSS-LOCK" DUST CAPS

Brass.
Part No. BH100EZ, 1".
Part No. BH200EZ, 2".
Part No. BH300EZ, 3".

PRESSURE RELIEF VALVES

2" male NPT.
Part No. 2180-15, Air relief valve - 15 lb.
Part No. 2180-18, Air relief valve - 18 lb.
Part No. 2182M-15, Blower/tanker relief valve - 15 lb.
Part No. 2182M-18, Blower/tanker relief valve - 18 lb.

2180-

2182M-

IN-LINE SIGHT GLASS

Designed for dry bulk transfer hose. Includes aluminum bodies, Buna seals, acrylic sight glasses, stainless steel hardware and bronze cam arms.
Part No. 3544CA, 4" CA sight glass adapter.
Part No. 3533CA, 3" CA sight glass adapter.

BAYCO

Tank Car Products

VACUUM RELIEF VALVE
1½" male NPT vacuum relief valve.
Part No. 1120.

FLANGED VALVES
Flanged swing check valve — metal-to-metal seal.
Part No. 3000N, 3" round.
Part No. 3030SQ, 3" square.

3000N

3030SQ

CAMLOCK TANK CAR ADAPTERS
Aluminum or bronze; leather gaskets also available.
Part No. AL500-300TCA, 5" x 3" aluminum.
Part No. AL500-400TCA, 5" x 4" aluminum.

Part No. BR500-300TCA, 5" x 3" bronze.
Part No. BR500-400TCA, 5" x 4" bronze.

Part No. TCA-GASK, Replacement leather gasket.

TANK TRUCK FAUCETS
Part No. 4400, 4" tank truck main body faucet c/w handle.
Part No. 4401, 4" x 22° faucet adapter c/w sight glass and buna seal.
Part No. 4425, Replacement sight glass and buna seal for #4401.
Part No. 4433, Replacement buna seal for #4400.

4400

4401

API ADAPTERS
Part No. 5204LNG, 4" API adapter - load only, with bronze wear ring, no cap.
Part No. 5204NG, 4" API bottom load valve — fixed handle, w/o sight glass, ALH nose ring.
Part No. 5000-24, API cap and chain assembly for #5204LNG and #5204NG.
Part No. 5201-16, Replacement handle for API adapters.

5000-24

5204LNG

5204NG

GRAVITY UNLOADING DROP ADAPTERS FOR API
Part No. 4500, 4" ring - 8 bolt flange with hanger pin.
Part No. 4501, Outlet, 3" x 4" x 22½° adapter with sight glass and gaskets.
Part No. 4502, Outlet, 4" x 4" x 22½° adapter with sight glass and gaskets.
Part No. 4425, Replacement sight glass and buna seal for #4501.
Part No. 4502-5, Replacement sight glass and buna seal for #4502.
Part No. 4433, Replacement buna seal for #4502.

4500

4501/4502

TIGHT FILL ELBOWS
Part No. 6000-15, 3" female coupler inlet with hardware.
Part No. 6000-14, 4" female coupler inlet with hardware.
Part No. 6000-16, 3" male coupler inlet with hardware.
Part No. 6000-17, 4" male coupler inlet with hardware.
Part No. 6200, 4" tight fill elbow with side lever release handle.
Part No. 6200T, 4" tight fill elbow with side lever release handle and anti-spill sleeve.
Part No. 6000-10, Replacement sight glass for 6000 series elbows.

6000-14

6200T & 6200

Vapour Recovery Products

VAPOUR RECOVERY HOSE COUPLERS & ADAPTERS
Part No. VRC3000AL, 3" aluminum vapour hose coupler with probe.
Part No. VR4000, 4" vapour return valve, bulb design with sight glass and drain plug.
Part No. VR4030CS-AL, 4" coupler x 3" aluminum vapour hose coupler with poppet.
Part No. VR4050AL, 4" aluminum vapour cap.
Part No. VR4086BY, 4" alloy service station vapour adapter.
Part No. VR6200, Two-point vapour recovery elbow with 3" adapter outlet.

VR4050AL

VR4086BY

BAYCO

SIZE	PART NUMBERS										
	Camlock Material	Part A	Part B	Part C	Part D	Part E	Part F	Part DC	Part DP	Handle Ring & Pin	Gasket
1/2"	*Aluminum*	EAAL-050A	EAAL-050B	EAAL-050C	EAAL-050D	EAAL-050E	EAAL-050F	EAAL-050DC	EAAL-050DP	-	CG-050-NBR
3/4"	*Aluminum*	EAAL-075A	EAAL-075B	EAAL-075C	EAAL-075D	EAAL-075E	EAAL-075F	EAAL-075DC	EAAL-075DP	-	CG-075-NBR
	Brass	EABR-075A	EABR-075B	EABR-075C	EABR-075D	EABR-075E	EABR-075F	EABR-075DC	EABR-075DP	-	CG-075-NBR
	Stainless	EASS-075A	EASS-075B	EASS-075C	EASS-075D	EASS-075E	EASS-075F	EASS-075DC	EASS-075DP	HS-075-SS	CG-075-NBR
1"	*Aluminum*	EAAL-100A	EAAL-100B	EAAL-100C	EAAL-100D	EAAL-100E	EAAL-100F	EAAL-100DC	EAAL-100DP	HF-100-BSS	CG-100-NBR
	Brass	EABR-100A	EABR-100B	EABR-100C	EABR-100D	EABR-100E	EABR-100F	EABR-100DC	EABR-100DP	HF-100-BSS	CG-100-NBR
	Stainless	EASS-100A	EASS-100B	EASS-100C	EASS-100D	EASS-100E	EASS-100F	EASS-100DC	EASS-100DP	HS-100-SS	CG-100-NBR
1-1/4"	*Aluminum*	EAAL-125A	EAAL-125B	EAAL-125C	EAAL-125D	EAAL-125E	EAAL-125F	EAAL-125DC	EAAL-125DP	HF-200-BSS	CG-125-NBR
	Brass	EABR-125A	EABR-125B	EABR-125C	EABR-125D	EABR-125E	EABR-125F	EABR-125DC	EABR-125DP	HF-200-BSS	CG-125-NBR
	Stainless	EASS-125A	EASS-125B	EASS-125C	EASS-125D	EASS-125E	EASS-125F	EASS-125DC	EASS-125DP	HS-200-SS	CG-125-NBR
1-1/2"	*Aluminum*	EAAL-150A	EAAL-150B	EAAL-150C	EAAL-150D	EAAL-150E	EAAL-150F	EAAL-150DC	EAAL-150DP	HF-200-BSS	CG-150-NBR
	Brass	EABR-150A	EABR-150B	EABR-150C	EABR-150D	EABR-150E	EABR-150F	EABR-150DC	EABR-150DP	HF-200-BSS	CG-150-NBR
	Stainless	EASS-150A	EASS-150B	EASS-150C	EASS-150D	EASS-150E	EASS-150F	EASS-150DC	EASS-150DP	HS-200-SS	CG-150-NBR
2"	*Aluminum*	EAAL-200A	EAAL-200B	EAAL-200C	EAAL-200D	EAAL-200E	EAAL-200F	EAAL-200DC	EAAL-200DP	HF-200-BSS	CG-200-NBR
	Brass	EABR-200A	EABR-200B	EABR-200C	EABR-200D	EABR-200E	EABR-200F	EABR-200DC	EABR-200DP	HF-200-BSS	CG-200-NBR
	Stainless	EASS-200A	EASS-200B	EASS-200C	EASS-200D	EASS-200E	EASS-200F	EASS-200DC	EASS-200DP	HS-200-SS	CG-200-NBR
2-1/2"	*Aluminum*	EAAL-250A	EAAL-250B	EAAL-250C	EAAL-250D	EAAL-250E	EAAL-250F	EAAL-250DC	EAAL-250DP	HF-200-BSS	CG-250-NBR
	Brass	EABR-250A	EABR-250B	EABR-250C	EABR-250D	EABR-250E	EABR-250F	EABR-250DC	EABR-250DP	HF-200-BSS	CG-250-NBR
3"	*Aluminum*	EAAL-300A	EAAL-300B	EAAL-300C	EAAL-300D	EAAL-300E	EAAL-300F	EAAL-300DC	EAAL-300DP	HF-300-BSS	CG-300-NBR
	Brass	EABR-300A	EABR-300B	EABR-300C	EABR-300D	EABR-300E	EABR-300F	EABR-300DC	EABR-300DP	HF-300-BSS	CG-300-NBR
	Stainless	EASS-300A	EASS-300B	EASS-300C	EASS-300D	EASS-300E	EASS-300F	EASS-300DC	EASS-300DP	HS-300-SS	CG-300-NBR
4"	*Aluminum*	EAAL-400A	EAAL-400B	EAAL-400C	EAAL-400D	EAAL-400E	EAAL-400F	EAAL-400DC	EAAL-400DP	HF-300-BSS	CG-400-NBR
	Brass	EABR-400A	EABR-400B	EABR-400C	EABR-400D	EABR-400E	EABR-400F	EABR-400DC	EABR-400DP	HF-300-BSS	CG-400-NBR
	Stainless	EASS-400A	EASS-400B	EASS-400C	EASS-400D	EASS-400E	EASS-400F	EASS-400DC	EASS-400DP	HS-300-SS	CG-400-NBR
5"	*Aluminum*	EAAL-500A	EAAL-500B	EAAL-500C	EAAL-500D	EAAL-500E	EAAL-500F	EAAL-500DC	EAAL-500DP	HF-300-BSS	CG-500-NBR
6"	*Aluminum*	EAAL-600A	EAAL-600B	EAAL-600C	EAAL-600D	EAAL-600E	EAAL-600F	EAAL-600DC	EAAL-600DP	HF-600-BSS	CG-600-NBR

A

B

C

D

ITEM DESCRIPTION:

A ..... Male Adapter - Female Thread
B ..... Female Coupler - Male Thread
C ..... Female Coupler - Hose Shank
D ..... Female Coupler - Female Thread
E ..... Male Adapter - Hose Shank
F ..... Male Adapter - Male Thread
DC ..... Dust Cap for Male Adapter
DP ..... Dust Plug for Female Coupler

E

F

DC

DP

Insta-Lock™ Couplings & Accessories

SIZE	Coupling Material	PART NUMBERS Part A	Part B	Part C	Part D	Part E	Part F	DC Dust Cap	DP Dust Plug
1"	*Aluminum*	A100AL	B100AL	C100AL	D100AL	E100AL	F100AL	DC100AL	DP100AL
	Stainless	A100SS	B100SS	C100SS	D100SS	E100SS	F100SS	DC100SS	DP100SS
1¼"	*Aluminum*	A125AL	B125AL	C125AL	D125AL	E125AL	F125AL	DC125AL	DP125AL
	Stainless	A125SS	B125SS	C125SS	D125SS	E125SS	F125SS	DC125SS	DP125SS
1½"	*Aluminum*	A150AL	B150AL	C150AL	D150AL	E150AL	F150AL	DC150AL	DP150AL
	Stainless	A150SS	B150SS	C150SS	D150SS	E150SS	F150SS	DC150SS	DP150SS
2"	*Aluminum*	A200AL	B200AL	C200AL	D200AL	E200AL	F200AL	DC200AL	DP200AL
	Stainless	A200SS	B200SS	C200SS	D200SS	E200SS	F200SS	DC200SS	DP200SS
2½"	*Aluminum*	A250AL	B250AL	C250AL	D250AL	E250AL	F250AL	DC250AL	DP250AL
3"	*Aluminum*	A300AL	B300AL	C300AL	D300AL	E300AL	F300AL	DC300AL	DP300AL
	Stainless	A300SS	B300SS	C300SS	D300SS	E300SS	F300SS	DC300SS	DP300SS
4"	*Aluminum*	A400AL	B400AL	C400AL	D400AL	E400AL	F400AL	DC400AL	DP400AL
	Stainless	A400SS	B400SS	C400SS	D400SS	E400SS	F400SS	DC400SS	DP400SS
6"	*Aluminum*	A600AL	B600AL	C600AL	D600AL	E600AL	F600AL	DC600AL	DP600AL

ITEM DESCRIPTION:

A ..... Male Adapter - Female Thread
B ..... Female Coupler - Male Thread
C ..... Female Coupler - Hose Shank
D ..... Female Coupler - Female Thread
E ..... Male Adapter - Hose Shank
F ..... Male Adapter - Male Thread
DC .... Dust Cap for Male Adapter
DP..... Dust Plug for Female Coupler

INSTA-LOCK™ INTERLOCKING FERRULES

SIZE	PART NUMBER — Stainless Steel	PART NUMBER — Carbon Steel	PART NUMBER — Carbon Steel	PART NUMBER — Carbon Steel	PART NUMBER — Carbon Steel	PART NUMBER — Carbon Steel
1"	FRSS100140	-	-	-	-	-
1¼"	FRSS125156	-	-	-	-	-
1½"	-	FRCS150212	FRCS150208	FRCS150216	-	-
2"	FRSS200244	FRCS200244	FRCS200232	FRCS200236	FRCS200240	FRCS200248
3"	FRSS300344	FRCS300344	FRCS300336	FRCS300340	FRCS300348	-
4"	FRSS400448	FRCS400448	FRCS400444	FRCS400452	-	-

INSTA-LOCK™ REPAIR KITS

SIZE	PART NUMBER — Stainless Steel Handles	PART NUMBER — Brass Handles
1"	100SGMP	100BGMP
1¼"	150SGMP	150BGMP
1½"	150SGMP	150BGMP
2"	200SGMP	200BGMP
2½"	200SGMP	200BGMP
3"	300SGMP	300BGMP
4"	300SGMP	300BGMP
6"	-	600BGMP

INSTA-LOCK™ GASKETS

SIZE	PART NUMBER — Nitrile*	PART NUMBER — Viton**
1"	G100BN	G100VT
1¼"	G125BN	G125VT
1½"	G150BN	G150VT
2"	G200BN	G200VT
2½"	G250BN	-
3"	G300BN	G300VT
4"	G400BN	G400VT
6"		-

*Nitrile = BN; Black **Viton = VT; Black with yellow stripe

MONARCH

Self Priming Centrifugal Pumps

Gasoline Engine Driven Centrifugal Pumps - BSGF Series w/ Iron Clad - These general purpose pumps are designed for liquid transfer and contractor dewatering using a semi-open impeller. Features: rugged stamped steel base for firm mounting, cast iron casing with 2" suction and discharge, priming and drain plugs for standard 3/4" garden hose, self lubricating mechanical seal, carbon ceramic faces, Viton bellows to resist most agricultural chemicals and liquid fertilizers, and four vane/semi-open grey cast iron impeller with "blind hole" for engine shaft protection.

PART NO.	SUCTION & DISCHARGE NPT	DESCRIPTION
BSGF-8	2"	Briggs & Stratton, 3.5 hp, with 3 qt. fuel tank
BSGF-10	2"	Briggs & Stratton standard, 5.5 hp, with 3 qt. fuel tank

PERFORMANCE CHART

PUMP NO.	TOTAL HEAD IN FEET							
	30	40	50	60	70	80	90	100
	CAPACITY IN U.S. GPM							
BSGF-8	135	120	105	85	65	37		
BSGF-10	170	165	155	140	118	95	65	30

BANJO

Aluminum Solids Handling Pumps — 2" & 3" Gas Driven Pumps

Features: •Self-priming centrifugal pumps •High Volume - 150 GPM to 300 GPM •Solids Handling - 2" pumps: 1" solids, 3" pumps: 1¼" solids •Steel trash strainer included to eliminate clogging •Heavy duty roll cage sold separately

2" X 2" PORT SIZE, 5.5 HP PUMP
MODEL 200PH-2S5
•Port size: 2" x 2"
•Engine: Honda GX160, 5.5 HP
•Four stroke air cooled OHV
•C/W oil alert

Part No. 60-55520-2S5.

3" X 3" PORT SIZE, 5.5 HP PUMP
MODEL 300PH-3S5
•Port size: 3" x 3"
•Engine: Honda GX160, 5.5 HP
•Four stroke air cooled OHV
•C/W oil alert

Part No. 60-55530-3S5.

HEAVY DUTY ROLL CAGE
•Port size: 3" x 3"
•Engine: Honda GX160, 5.5 HP
•Four stroke air cooled OHV
•C/W oil alert

Part No. 62-50000HD.

Polypropylene Transfer Pumps — 2" & 3" Gas Driven Pumps

2" X 2" PORT SIZE, 5.0 HP PUMP
MODEL 200PGC-5
•Port size: 2" x 2"
•Engine: Honda GC160, 5.0 HP
•Four stroke air cooled OHV

Part No. 60-55020.

2" X 2" PORT SIZE, 5.5 HP PUMP
MODEL 200PH-5.5
•Port size: 2" x 2"
•Engine: Honda GX160, 5.5 HP
•Four stroke air cooled OHV

Part No. 60-55520.

2" X 2" PORT SIZE, 5.5 HP PUMP
MODEL 200PH-5.5OA
•Port size: 2" x 2"
•Engine: Honda GX160, 5.5 HP
•Four stroke air cooled OHV
•C/W oil alert and roll cage

Part No. 60-55520-OA.

3" X 3" PORT SIZE, 5.5 HP PUMP
MODEL 300PH-5.5
•Port size: 3" x 3"
•Engine: Honda GX160, 5.5 HP
•Four stroke air cooled OHV

Part No. 60-55530.

Note: Some pump images may not be exact.

BANJO®

3" X 3" PORT SIZE, 6.5 HP PUMP
MODEL 300PH-6.5
•Port size: 3" x 3"
•Engine: Honda GX200, 6.5 HP
•Four stroke air cooled OHV

Part No. 60-56530.

3" X 3" PORT SIZE, 5.5 HP PUMP
MODEL 300PH-5.5OA
•Port size: 3" x 3"
•Engine: Honda GX160, 5.5 HP
•Four stroke air cooled OHV
•C/W oil alert and standard roll cage

Part No. 60-55530-OA.

Polypropylene Bolted Ball Valves

FEATURES: •Glass-filled polypropylene for strength and durability -- will never rust or corrode. •Unique internal design -- the body fits snugly into the specially designed flanges. •Self-aligning ball -- rotates freely against Teflon seats. •Low torque design -- for easier operation.

Part No.	Description
V050	1/2" Full Port
V075	3/4" Full Port
V100	1" Standard Port
V100FP	1" Full Port
V125	1-1/4" Standard Port
V125FP	1-1/4" Full Port
V150	1-1/2" Full Port

Part No.	Description
V200	2" Standard Port
V200FP	2" Full Port
V300	3" Standard Port
V300FP	3" Full Port
V400	4" Standard Port
VA150	1-1/2" Full Port 90° Nozzle
VA200	2" Standard Port 90° Nozzle
VA200FP	2" Full Port 90° Nozzle

Polypropylene Single Union Valves

FEATURES: •Corrosion resistant polypropylene. •Teflon ball seats. •EPDM O-rings. •Maximum operating pressure 100 psi at 21° C.

Part No.	Description
UV050FP	1/2" Single Union
UV075FP	3/4" Single Union
UV100FP	1" Single Union
UV125FP	1-1/4" Single Union
UV150FP	1-1/2" Single Union
UV200FP	2" Single Union

Polypropylene Couplers

A

B

C D

E

F

FEATURES

•The most complete line available.
•Corrosion resistant glass-filled polypropylene.
•Manufactured to exacting specifications.
•Smooth operating 304 stainless steel cam levers.
•Standard with EPDM gaskets.

CAP

PL

Item	SIZE & PART NUMBER							
	1/2"*	3/4"	1"	1-1/4"**	1-1/2"	2"	3"	4"
A	75A1/2	75A3/4	100A	125A	150A	200A	300A	400A
B	75B1/2	75B3/4	100B	125B	150B	200B	300B	400B
C	050C	075C	100C	125C	150C	200C	300C	400C
D	050D	075D	100D	125D	150D	200D	300D	400D
E	050E	075E	100E	125E	150E	200E	300E	400E
F	050F	075F	100F	125F	150F	200F	300F	400F
CAP	075CAP	075CAP	100125CAP	100125CAP	150CAP	200CAP	300CAP	400CAP
PL	75PL	75PL	100125PL	100125PL	150PL	200PL	300PL	400PL

ITEM DESCRIPTION:

A .....Male Adapter - Female Thread
B .....Female Coupler - Male Thread
C .....Female Coupler - Hose Shank
D .....Female Coupler - Female Thread
E .....Male Adapter - Hose Shank
F .....Male Adapter - Male Thread
CAP .....Dust Cap for Male Adapter
PL .....Dust Plug for Female Coupler

NOTE: *1/4", 3/8" and 1/2" series couplings interchange with 3/4" size couplings. Coupling ends are 3/4" size.
**1-1/4" series couplings interchange with 1" size couplings. Coupling ends are 1" size.

BANJO
Miscellaneous Products

- Couplings & Fittings
- Nozzle Valves
- Electric Valves
- Stainless Steel Valves & Couplings
- Flanges
- Strainers
- Pumps & Accessories

Please ask for more information on the Banjo line of polypropylene accessories.

BANJO®

EAGLE PRODUCTS

Polypropylene Couplers

A

B

C

D

PL

E

F

ITEM DESCRIPTION:

A ..... Male Adapter - Female Thread
B ..... Female Coupler - Male Thread
C ..... Female Coupler - Hose Shank
D ..... Female Coupler - Female Thread
E ..... Male Adapter - Hose Shank
F ..... Male Adapter - Male Thread
CAP ..... Dust Cap for Male Adapter
PL ..... Dust Plug for Female Coupler

CAP

Item	SIZE & PART NUMBER						
	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	3"
A	EAPO050A	EAPO075A	EAPO100A	EAPO125A	EAPO150A	EAPO200A	EAPO300A
B	EAPO050B	EAPO075B	EAPO100B	EAPO125B	EAPO150B	EAPO200B	EAPO300B
C	EAPO050C	EAPO075C	EAPO100C	EAPO125C	EAPO150C	EAPO200C	EAPO300C
D	EAPO050D	EAPO075D	EAPO100D	EAPO125D	EAPO150D	EAPO200D	EAPO300D
E	EAPO050E	EAPO075E	EAPO100E	EAPO125E	EAPO150E	EAPO200E	EAPO300E
F	EAPO050F	EAPO075F	EAPO100F	EAPO125F	EAPO150F	EAPO200F	EAPO300F
CAP	EAPO050CAP	EAPO075CAP	EAPO100CAP	EAPO125CAP	EAPO150CAP	EAPO200CAP	EAPO300CAP
PL	EAPO-050PL	EAPO075PL	EAPO100PL	EAPO125PL	EAPO150PL	EAPO200PL	EAPO300PL

VALVES

Foot Valves, Bronze Check Valves, & Safety Cable Whip Checks

BRONZE CHECK VALVES

Pressure rating - 200 PSI. Spring loaded valve arrangement for either vertical or horizontal installations.

PART NO.	SIZE
627710	1/2"
627720	3/4"
627730	1"
627740	1¼"
627750	1½"
627760	2"

IRON BODY FOOT VALVE w/ LEATHER FLAPPER

PART NO.	SIZE
540-1-1/4	1-1/4"
540-1-1/2	1-1/2"
540-2	2"
540-2-1/2	2-1/2"
540-3	3"
540-4	4"
540-6	6"

SAFETY CABLE WHIP CHECKS

These safety cables are designed to keep the tooling that is being used in a restrained position, should there be an incident of hose failure.

Part No. WHIP-S, Fits 1/2" to 1¼" hose.
Part No. WHIP-L, Fits 1½" to 3" hose.

HOSE GATE VALVE - DOUBLE ACTING - FLANGE TO PIPE

PART NO.	PIPE SIZE	BODY	STEM	DISCS
G1003	3	Steel	Brass	Stainless Steel
FG1003	3	Steel	Steel	Stainless Steel
G1004	4	Steel	Brass	Stainless Steel
FG1004	4	Steel	Steel	Stainless Steel
ASG1003	3	Aluminum	Stainless Steel	Stainless Steel
SSG1003	3	316 Stainless Steel	316 Stainless Steel	316 Stainless Steel

Packing: 3 Teflon Suspensoid Rings

FLANGED GATE VALVE - DOUBLE ACTING - ROUND FLANGED (FLANGED X FLANGED)

PART NO.	PIPE SIZE	BODY	STEM	DISCS
G1013	3	Steel	Brass	Stainless Steel
G1014	4	Steel	Brass	Stainless Steel
FG1014	4	Steel	Steel	Stainless Steel
ASG1013	3	Aluminum	Stainless Steel	Stainless Steel
ASG1014	4	Aluminum	Stainless Steel	Stainless Steel
SSG1013	3	316 Stainless Steel	316 Stainless Steel	316 Stainless Steel

Packing: 3 Teflon Suspensoid

GROOVED GATE VALVE - DOUBLE ACTING

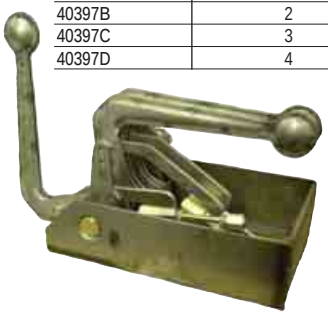
PART NO.	PIPE SIZE	BODY	STEM	DISCS	PACKING
G1034	4	Steel	Brass	Stainless Steel	3 Teflon

DELMAR ALUMINUM MECHANICAL EMERGENCY VALVES - FLANGED OUTLET

PART NO.	PIPE SIZE	BODY	TRIM	DISCS	PACKING
A41031F	3	Aluminum	Brass, Alum, Steel	Buna-N	Non-Asbestos
A41029F	4	Aluminum	Brass, Alum, Steel	Buna-N	Non-Asbestos

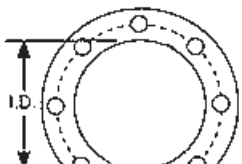
UNIVERSAL MECHANICAL EMERGENCY VALVE OPERATORS

PART NO.	NO. OF COMPARTMENTS
40397A	1
40397B	2
40397C	3
40397D	4



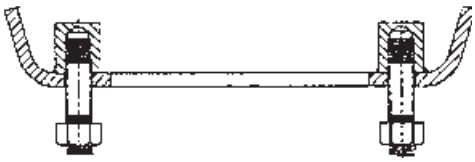
ROUND FLANGE GASKETS

PART NO.	NOM SIZE	MATERIAL	THICKNESS	I.D.
10232A	2	Cork & Buna-N	3/32	2-9/16
10100A	2	Teflon envelope	9/64	2-1/4
RGA301CB	3	Cork & Buna-N	3/32	3-11/16
RGA301TF	3	Teflon envelope	9/64	3-1/4
RGA401CB	4	Cork & Buna-N	3/32	4-11/16
10100C	4	Teflon envelope	9/64	4-5/16
RGA401NA	4	Non-Asbestos	3/32	4-11/16
10232E	4	Cork & Buna-N	1/8	6-1/8
G15266TF	4	Teflon envelope	11/64	5-3/4
G15266NA	4	Non-Asbestos	1/8	6-1/8



DRAIN POCKETS WITH SOCKETS & STUDS (SUMPS)

PART NO.	MATERIAL
A40043B	Aluminum



LONG RADIUS BELLED BENDS

PART NO.	PIPE/TUBING NOM SIZE	PIPE/TUBING O.D.	MATERIAL	THICKNESS	DESCRIPTION
40113C	2	2-3/8	Steel	.0598	45°
40113A	2	2-3/8	Steel	.0598	90°
40126C	2	2-3/8	Aluminum	.125	45°
40126A	2	2-3/8	Aluminum	.125	90°
40090C	3	3-1/2	Steel	.0598	45°
40090A	3	3-1/2	Steel	.0598	90°
40111D	3	3-1/2	Aluminum	.125	30°
40111C	3	3-1/2	Aluminum	.125	45°
40111A	3	3-1/2	Aluminum	.125	90°
40112C	4	4-1/2	Steel	.0598	45°
40112A	4	4-1/2	Steel	.0598	90°
40127C	4	4-1/2	Aluminum	.125	45°
40127A	4	4-1/2	Aluminum	.125	90°

SHORT RADIUS BELLED BENDS

PART NO.	PIPE/TUBING NOM SIZE	PIPE/TUBING O.D.	MATERIAL	THICKNESS	DESCRIPTION
40262C	2	2-3/8	Steel	.0598	45°
40262A	2	2-3/8	Steel	.0598	90°
40634C	2	2-3/8	Aluminum	.125	45°
40634A	2	2-3/8	Aluminum	.125	90°
40263D	3	3-1/2	Steel	.598	30°
40263C	3	3-1/2	Steel	.0598	45°
40263A	3	3-1/2	Steel	.0598	90°
40633D	3	3-1/2	Aluminum	.125	30°
40633C	3	3-1/2	Aluminum	.125	45°
40633A	3	3-1/2	Aluminum	.125	90°
40264D	4	4-1/2	Steel	.0598	30°
40264C	4	4-1/2	Steel	.0598	45°
40264A	4	4-1/2	Steel	.0598	90°
40591C	4	4-1/2	Aluminum	.125	45°
40591A	4	4-1/2	Aluminum	.125	90°

FLUED FLANGES

PART NO.	PIPE SIZE	MATERIAL
20056A	3	Steel
20189C	3	Aluminum
20080A	4	Steel
S20080A	4	Stainless
20189D	4	Aluminum

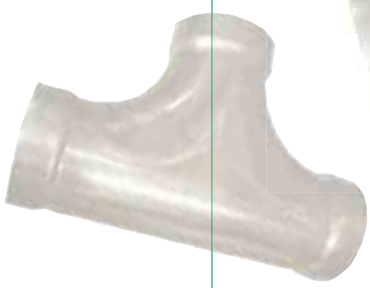
ALLEGHENY
VALVE COMPANY
WARREN, PA. 16365

BELLED TEES (LONG & SHORT RADIUS)

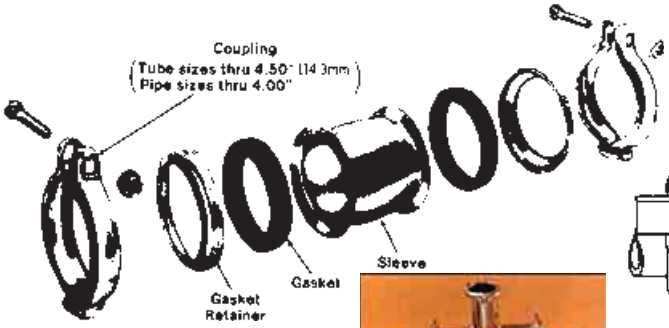
PART NO.	PIPE/TUBING NOM SIZE	PIPE/TUBING O.D.	MATERIAL	THICKNESS	R	D
40158A	2	2-3/8	Steel	.0598	3	8-3/8
40158B	3	3-1/2	Steel	.0598	4-1/2	11-3/8
40585B	3	3-1/2	Steel	.0598	3	8-3/8
40279B	3	3-1/2	Aluminum	.125	4-1/2	11-3/8
40727B	3	3-1/2	Aluminum	.125	3	8-3/8
40158C	4	4-1/2	Steel	.0598	6	14-1/8
40585C	4	4-1/2	Steel	.0598	4	10-3/8
40279C	4	4-1/2	Aluminum	.125	6	14-1/8
40727C	4	4-1/2	Aluminum	.125	4	10-3/8

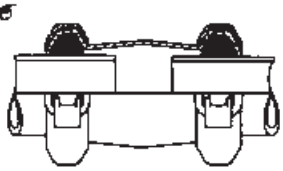
LONG RADIUS BELLED LATERALS (STYLE A)

PART NO.	PIPE/TUBING NOM SIZE	PIPE/TUBING O.D.	MATERIAL	THICKNESS	DESCRIPTION
40338B	2	2-3/8	Steel	.0598	45°
40339B	3	3-1/2	Steel	.0598	45°



Flexmaster Joints are available in both standard and self-restrained styles. The self-restrained style, using Buna-N gaskets, maintains a firm, positive grip on the pipe or tube, preventing it from moving along the pipe or tubing. Flexmaster Joints are designed for up to 300 psi (2.07 MPa) service, depending on restraint and depending on size. They absorb vibration and shock and are ideal for making quick connections and disconnections when repairing or dismantling a system. They are especially suited for joining oil, air, and water lines.





PIPE JOINT w/ STANDARD or SELF-RESTRAINED GASKETS	
Size Range	Pressure Rating
050-088	300 psi (2.07 MPa)
100-175	200 psi (1.38 MPa)
200-288	200 psi (1.38 MPa)
300-600	150 psi (1.03 MPa)
Gasket Temperature Ratings	
Buna Rubber	-25°F to +215°F (-32°C to +102°C)

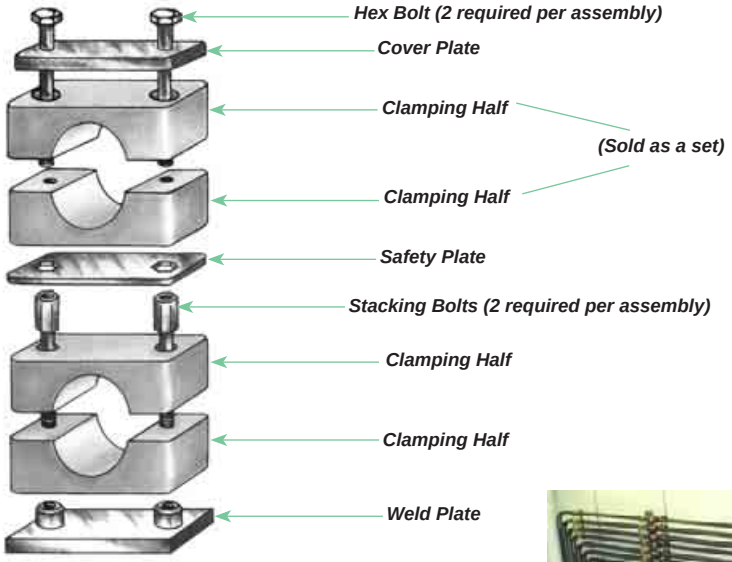
PIPE SIZE	PIPE O.D.	STANDARD JOINT	JOINT LENGTH	STANDARD GASKET	BUNA-N-HIGH TEMP GASKET	SILICONE GASKET	GASKET RETAINER	CLAMP COUPLING
.50"	.840"	NH1600C050BO225	2.25"	NK1000063C050			NK1000023-050	NH100085-050YF
.75"	1.050"	NH1600C075BO250	2.50"	NK1000063C075	NK1000063N075	NK1000063S075	NK1000023-075	NH100085-075YF
1.00"	1.315"	NH1600C100BO288	2.88"	NK1000063C100	NK1000063N100	NK1000063S100	NK1000023-100	NH100085-100YF
1.25"	1.660"	NH1600C125BO325	3.25"	NK1000063C125	NK1000063N125	NK1000063S125	NK1000023-125	NH100085-125YF
1.50"	1.900"	NH1600C150BO350	3.50"	NK1000063C150	NK1000063N150	NK1000063S150	NK1000023-150	NH100085-150YF
2.00"	2.375"	NH1600C200BO400	4.00"	NK1000063C200	NK1000063N200	NK1000063S200	NK1000023-200	NH100085-200YF
2.50"	2.875"	NH1600C250BO650	6.50"	NK1000063C250	NK1000063N250	NK1000063S250	NK1000023-250	NH100085-250YF
3.00"	3.500"	NH1600C300BO650	6.50"	NK1000063C300	NK1000063N300	NK1000063S300	NK1000023-300	NH100085-300YF
3.50"	4.000"	NH1600C350BO650	6.50"	NK1000063C350			NK1000023-350	NH100085-350YF
4.00"	4.500"	NH1600C400BO650	6.50"	NK1000063C400	NK1000063N400	NK1000063S400	NK1000023-400	NH100085-400YF
5.00"	5.563"	NH1600C500BO650	6.50"	NK1000063C500			NK1000023-500	NH100085-500YF
6.00"	6.625"	NH1600C600BO650	6.50"	NK1000063C600		NK1000063S600	NK1000023-600	NH100085-600YF

PIPE SIZE	PIPE O.D.	SELF RESTRAINED JOINT	JOINT LENGTH	SELF RESTRAINED GASKET	GASKET RETAINER	CLAMP COUPLING
.50"	.840"	NH1650C050BO225	2.25"	NK1000061C050	NK1000023-050	NH100085-050YF
.75"	1.050"	NH1650C075BO250	2.50"	NK1000061C075	NK1000023-075	NH100085-075YF
1.00"	1.315"	NH1650C100BO288	2.88"	NK1000061C100	NK1000023-100	NH100085-100YF
1.25"	1.660"	NH1650C125BO325	3.25"	NK1000061C125	NK1000023-125	NH100085-125YF
1.50"	1.900"	NH1650C150BO350	3.50"	NK1000061C150	NK1000023-150	NH100085-150YF
2.00"	2.375"	NH1650C200BO400	4.00"	NK1000061C200	NK1000023-200	NH100085-200YF
2.50"	2.875"	NH1650C250BO650	6.50"	NK1000061C250	NK1000023-250	NH100085-250YF
3.00"	3.500"	NH1650C300BO650	6.50"	NK1000061C300	NK1000023-300	NH100085-300YF
3.50"	4.000"	NH1650C350BO650	6.50"	NK1000061C350	NK1000023-350	NH100085-350YF
4.00"	4.500"	NH1650C400BO650	6.50"	NK1000061C400	NK1000023-400	NH100085-400YF
5.00"	5.563"	NH1650C500BO650	6.50"	NK1000061C500	NK1000023-500	NH100085-500YF
6.00"	6.625"	NH1650C600BO650	6.50"	NK1000061C600	NK1000023-600	NH100085-600YF

TUBE SIZE	TUBE O.D.	STANDARD TUBE GASKET	SILICONE TUBE GASKET
1.00"	1.00"	NK1000064C100	NK1000064S100
1.25"	1.25"	NK1000064C125	NK1000064S125
1.50"	1.50"	NK1000064C150	NK1000064S150
1.75"	1.75"	NK1000064C175	
2.00"	2.00"	NK1000064C200	NK1000064S200
2.25"	2.25"	NK1000064C225	
2.50"	2.50"	NK1000064C250	NK1000064S250
3.00"	3.00"	NK1000064C300	NK1000064S300
5.00"	5.00"	NK1000064C500	

Pipe Clamps

Easy To Use - Maintenance Free. Engineering, plant, and maintenance personnel appreciate the Behringer Clamp's rugged construction, simplicity and clean design. All systems can be quickly and effectively secured and are virtually maintenance free. Our modular clamp design assures greater flexibility in assembly, adjustment and stacking, as well as an endless variety of application configurations to suit every need.



Unlimited Mounting Options
(subject to stock availability)

BEHRINGER®

Polypropylene Clamping Halves
(Sold as a set)

T - Tube
P - Pipe

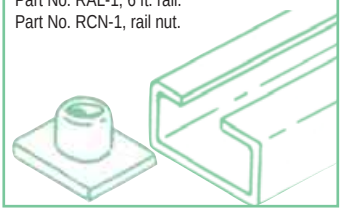
Standard Series

Group	Size (inches)	Clamping O.D. (inches)	Clamping Halves Part No.	Cover Plates Part No.	Weld Plates Part No.	Stacking Bolts Part No.	Safety Plates Part No.	Hex Bolts Part No.
1	1/4 T	.250	1025-PP	COP-1	STW-1	STB-1	SAF-1	HEX-1
	3/8 T	.375	1038-PP	COP-1	STW-1	STB-1	SAF-1	HEX-1
	1/8 P	.405	10405-PP	COP-1	STW-1	STB-1	SAF-1	HEX-1
2	1/2 T	.500	2050-PP	COP-2	STW-2	STB-2	SAF-2	HEX-2
	1/4 P	.540	20540-PP	COP-2	STW-2	STB-2	SAF-2	HEX-2
	5/8 T	.625	2062-PP	COP-2	STW-2	STB-2	SAF-2	HEX-2
	3/8 P	.675	20675-PP	COP-2	STW-2	STB-2	SAF-2	HEX-2
3	1/4 T	.250	3025-PP	COP-3	STW-3	STB-3	SAF-3	HEX-3
	1/4 P	.540	30540-PP	COP-3	STW-3	STB-3	SAF-3	HEX-3
	3/8 P	.675	30675-PP	COP-3	STW-3	STB-3	SAF-3	HEX-3
	3/4 T	.750	3075-PP	COP-3	STW-3	STB-3	SAF-3	HEX-3
	1/2 P	.840	30840-PP	COP-3	STW-3	STB-3	SAF-3	HEX-3
	7/8 T	.875	3087-PP	COP-3	STW-3	STB-3	SAF-3	HEX-3
	1 T	1.000	3100-PP	COP-3	STW-3	STB-3	SAF-3	HEX-3
4	3/4 P	1.050	41050-PP	COP-4	STW-4	STB-4	SAF-4	HEX-4
	1-1/8 T	1.125	41125-PP	COP-4	STW-4	STB-4	SAF-4	HEX-4
5	1-1/4 T	1.250	5125-PP	COP-5	STW-5	STB-5	SAF-5	HEX-5
	1 P	1.315	51315-PP	COP-5	STW-5	STB-5	SAF-5	HEX-5
	1-1/2 T	1.500	5150-PP	COP-5	STW-5	STB-5	SAF-5	HEX-5
	1-1/4 P	1.660	51660-PP	COP-5	STW-5	STB-5	SAF-5	HEX-5
6	1-3/4 T	1.750	6175-PP	COP-6	STW-6	STB-6	SAF-6	HEX-6
	1-1/2 P	1.900	61900-PP	COP-6	STW-6	STB-6	SAF-6	HEX-6
	2 T	2.000	6200-PP	COP-6	STW-6	STB-6	SAF-6	HEX-6
7	2-1/4 T	2.250	7225-PP	COP-7	STW-7	STB-7	SAF-7	HEX-7
	2 P	2.375	72375-PP	COP-7	STW-7	STB-7	SAF-7	HEX-7
	2-1/2 P	2.875	72875-PP	COP-7	STW-7	STB-7	SAF-7	HEX-7
	3 T	3.000	7300-PP	COP-7	STW-7	STB-7	SAF-7	HEX-7
	3-1/2 T	3.500	7350-PP	COP-7	STW-7	STB-7	SAF-7	HEX-7
	3 P	3.500	73500-PP	COP-7	STW-7	STB-7	SAF-7	HEX-7

Standard Series
Application: Pressures under 1500 psi, pneumatic and low pressure hydraulic
(up to 3" pipe).

RAIL MOUNTING

Standard Series Rail can be mounted with weld plate or 2 RCN-1 rail nuts.
Part No. RAL-1, 6 ft. rail.
Part No. RCN-1, rail nut.



WELD STRIPS

Part No. ST-GRW-02-C-4FT, GRW2.
Part No. ST-GRW-03-C-4FT, GRW3.
Part No. ST-GRW-04-C-4FT, GRW4.
Part No. ST-GRW-05-C-4FT, GRW5.
Part No. ST-GRW-06-C-4FT, GRW6.

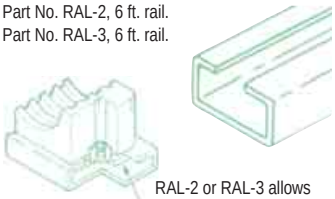
BEHRINGER Pipe Clamps Heavy Series

Single Heavy Series
Application: For line pressures over 1500 psi, outdoor environments, reduces pipe vibration, shock and hammer (up to 8" pipe).

Group	Size	Clamping O.D.	Clamping Halves Part No.	Cover Plates Part No.	Weld Plates Part No.	Stacking Bolts Part No.	Safety Plates Part No.	Hex Bolts Part No.
H3	1/4 T	.250	H3025-PP	SCP-H3	SWP-H3	STB-H3	SAF-H3	HEX-H3
	3/8 T	.375	H3038-PP	SCP-H3	SWP-H3	STB-H3	SAF-H3	HEX-H3
	1/2 T	.500	H3050-PP	SCP-H3	SWP-H3	STB-H3	SAF-H3	HEX-H3
	1/4 P	.540	H30540-PP	SCP-H3	SWP-H3	STB-H3	SAF-H3	HEX-H3
	5/8 T	.625	H3062-PP	SCP-H3	SWP-H3	STB-H3	SAF-H3	HEX-H3
	3/8 P	.675	H30675-PP	SCP-H3	SWP-H3	STB-H3	SAF-H3	HEX-H3
H4	3/4 T	.750	H4075-PP	SCP-H4	SWP-H4	STB-H4	SAF-H4	HEX-H4
	1/2 P	.840	H40840-PP	SCP-H4	SWP-H4	STB-H4	SAF-H4	HEX-H4
	1 T	1.000	H4100-PP	SCP-H4	SWP-H4	STB-H4	SAF-H4	HEX-H4
	3/4 P	1.050	H41050-PP	SCP-H4	SWP-H4	STB-H4	SAF-H4	HEX-H4
H5	1-1/4 T	1.250	H5125-PP	SCP-H5	SWP-H5	STB-H5	SAF-H5	HEX-H5
	1 P	1.315	H51315-PP	SCP-H5	SWP-H5	STB-H5	SAF-H5	HEX-H5
	1-1/2 T	1.500	H5150-PP	SCP-H5	SWP-H5	STB-H5	SAF-H5	HEX-H5
	1-1/4 P	1.660	H51660-PP	SCP-H5	SWP-H5	STB-H5	SAF-H5	HEX-H5
H6	1-1/4 P	1.660	H61660-PP	SCP-H6	SWP-H6	STB-H6	SAF-H6	HEX-H6
	1-1/2 P	1.900	H61900-PP	SCP-H6	SWP-H6	STB-H6	SAF-H6	HEX-H6
	2 P	2.375	H62375-PP	SCP-H6	SWP-H6	STB-H6	SAF-H6	HEX-H6
	2 T	2.000	H6200-PP	SCP-H6	SWP-H6	STB-H6	SAF-H6	HEX-H6
H7	2-1/2 P	2.875	H72875-PP	SCP-H7	SWP-H7	N/A	N/A	HEX-H7
	3 T	3.000	H7300-PP	SCP-H7	SWP-H7	N/A	N/A	HEX-H7
	3-1/2 T	3.500	H7350-PP	SCP-H7	SWP-H7	N/A	N/A	HEX-H7
H8	4 T	4.000	H8400-PP	SCP-H8	SWP-H8	N/A	N/A	HEX-H8
	4-1/2 T	4.500	H8450-PP	SCP-H8	SWP-H8	N/A	N/A	HEX-H8
	5 T	5.000	H8500-PP	SCP-H8	SWP-H8	N/A	N/A	HEX-H8
H9	5 P	5.563	H95563-PP	SCP-H9	SWP-H9	N/A	N/A	HEX-H9
	6 P	6.625	H96625-PP	SCP-H9	SWP-H9	N/A	N/A	HEX-H9

RAIL MOUNTING
RAL-2 or RAL-3
Allows lateral slide of weld plate (SWP)

Group No. H3, H4, H5 use Part No. RAL-2 only.
Group No. H6 use RAL-3 only
Part No. RAL-2, 6 ft. rail.
Part No. RAL-3, 6 ft. rail.



RAL-2 or RAL-3 allows lateral slide of weld plate (SWP)

RAL-4 MOUNTING

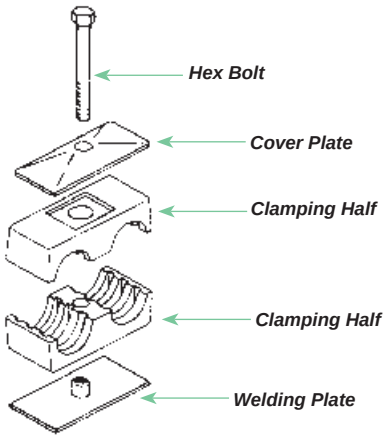
For Group No.'s H3, H4, H5, H6, H7, H8.
Part No. RAL-4, 2 meter rail.
Part No. RCN-7, Rail nut for group H3, H4, H5.
Part No. RCN-8, Rail nut for group H6.

3/16" Thick!

BEHRINGER®

Twin Series

Twin Series
Application: Pressures up to 1000 psi, pneumatics and low pressure hydraulics (up to 1¼" pipe).



Group	Size	Clamping O.D.	Clamping Halves Part No.	Cover Plates Part No.	Weld Plates Part No.	Hex Bolts Part No.
T2	1/4 x 1/4 T	.250	T2025-PP	TCP-T2	TWP-T2	HEX-T2
	3/8 x 3/8 T	.375	T2038-PP	TCP-T2	TWP-T2	HEX-T2
	1/2 x 1/2 T	.500	T2050-PP	TCP-T2	TWP-T2	HEX-T2
	1/4 x 1/4 P	.540	T20540-PP	TCP-T2	TWP-T2	HEX-T2
	5/8 x 5/8 T	.625	T2062-PP	TCP-T2	TWP-T2	HEX-T2
	3/8 x 3/8 P	.675	T20675-PP	TCP-T2	TWP-T2	HEX-T2
T3	3/4 x 3/4 T	.750	T3075-PP	TCP-T3	TWP-T3	HEX-T3
	1/2 x 1/2 P	.840	T30840-PP	TCP-T3	TWP-T3	HEX-T3
	7/8 x 7/8 T	.875	T3087-PP	TCP-T3	TWP-T3	HEX-T3
	1 x 1 T	1.000	T3100-PP	TCP-T3	TWP-T3	HEX-T3
T4	3/4 x 3/4 P	1.050	T41050-PP	TCP-T4	TWP-T4	HEX-T4
T5	1-1/4 x 1-1/4 T	1.250	T5125-PP	TCP-T5	TWP-T5	HEX-T5
	1 x 1 P	1.315	T51315-PP	TCP-T5	TWP-T5	HEX-T5
	1-1/4 x 1-1/4 P	1.660	T51660-PP	TCP-T5	TWP-T5	HEX-T5

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Useful Weights • Measures • Formulas • Conversions

Tap & Drill

Thread Size

Nom. Size	Threads Per Inch
0	80
1	64
1	72
2	56
2	64
3	48
3	56
4	40
4	48
5	40
5	44
6	32
6	40
8	32
8	36
10	24
10	32
12	24
12	28
1/4	20
1/4	28
5/16	18
5/16	24
3/8	16
3/8	24
7/16	14
7/16	20
1/2	13
1/2	20
9/16	12
9/16	18
5/8	11
5/8	18
3/4	10
3/4	16
7/8	9
7/8	14
1	8
1	12
1	14
$1^{1/8}$	7
$1^{1/8}$	12
$1^{1/4}$	7
$1^{1/4}$	12
$1^{3/8}$	6
$1^{3/8}$	12
$1^{1/2}$	6
$1^{1/2}$	12

Cutting Taps

Tap Drill	Dec. Equiv. of Tap Drill	Theoret. % of Thread
3/64	.0469	81
53	.0595	67
53	.0595	75
50	.0700	69
49	.0730	64
46	.0810	67
45	.0820	73
43	.0890	71
42	.0935	68
38	.1015	72
37	.1040	71
7/64	.1094	70
32	.1160	68
29	.1360	72
28	.1405	71
24	.1520	70
20	.1610	68
16	.1770	69
14	.1820	68
6	.2040	70
2	.2210	71
G	.2610	72
J	.2770	73
O	.3160	71
R	.3390	66
V	.3770	73
25/64	.3906	67
7/16	.4375	65
29/64	.4531	72
31/64	.4844	63
33/64	.5156	72
35/64	.5469	72
37/64	.5781	65
21/32	.6562	66
11/16	.6875	65
25/32	.7812	72
13/16	.8125	77
57/64	.8906	65
59/64	.9219	72
15/16	.9375	67
1	1.0000	67
$1^{3/64}$	1.0469	72
$1^{1/8}$	1.1250	67
$1^{11/64}$	1.1719	72
$1^{7/32}$	1.2188	72
$1^{19/64}$	1.2969	72
$1^{11/32}$	1.3438	72
$1^{27/64}$	1.4219	72

Forms Taps

Tap Drill	Dec. Equiv. of Tap Drill	Theoret. % of Thread
54	.0550	60
51	.0670	55
51	.670	60
47	.0785	60
47	.0785	70
43	.0890	65
43	.0890	75
39	.0995	65
38	.1015	70
33	.1130	65
32	.1160	55
1/8	.1250	60
30	.1285	55
25	.1495	65
24	.1520	65
18	.1695	70
16	.1770	60
9	.1960	70
8	.1990	70
1	.2280	65
A	.2340	65
L	.2900	60
M	.2950	65
S	.3480	65
T	.3580	60
Y	.4040	70
Z	.4130	75
15/32	.4688	60
	.4779	65
17/32	.5312	55
	.5380	65
37/64	.5781	70
	.6004	65
45/64	.7031	65
23/32	.7188	70

Metric Tap Drill Sizes & Percentages of Threads

Nom. Size	Pitch	Tap Drill Size mm	Theoret. % of Thread
		Tap	Recommended Metric Drill
M1.6	0.35	1.25	77
		1.3	66
M1.8	0.35	1.45	77
		1.5	66
M2	0.4	1.6	77
M2.2	0.45	1.75	77
M2.5	0.45	2.05	77
M3	0.5	2.5	77
M4	0.6	2.9	77
	0.7	3.3	77
M4.5		3.4	66
M5	0.75	3.75	77
M6	0.8	4.2	77
M6.3	1	5	77
M8	1	5.3	77
M7	1	6	77
M8	1.25	6.75	77
		6.8	74
M8	1	7	77
M10	1.5	8.5	77
M10	1.25	8.75	77
M12	1.75	10.2	79
		10.3	75
M12	1.25	11	62
M14	2	12	77
M14	1.5	12.5	77
M16	2	14	77
M16	1.5	14.5	77
M18	2.5	15.5	77
M18	1.5	16.5	77
M20	2.5	17.5	77
M20	1.5	18.5	77
M22	2.5	19.5	77
M22	1.5	20.5	77
M24	3	21	77
M24	2	22	77
M27	3	24	77
M27	2	25	77
M30	3.5	26.5	77
M30	2	28	77
M33	3.5	29.5	77
M33	2	31	77
M36	4	32	77
M36	3	33	77
M39	4	35	77
M39	3	36	77

Nominal Pipe Size	TAPER				STRAIGHT	
	Drill	Decimal	Drill	Decimal	Drill	Decimal
1/16	D	.2460	D	.2460	1/4	.2500
1/8	Q	.3320	21/64	.3281	11/32	.3438
1/4	7/16	.4375	27/64	.4219	7/16	.4375
3/8	9/16	.5625	9/16	.5625	37/64	.5781
1/2	45/64	.7031	11/16	.6875	23/32	.7187
3/4	29/32	.9062	57/64	.8906	59/64	.9220
1	$1^{9/64}$	1.141	$1^{1/8}$	1.125	$1^{5/32}$	1.156
$1^{1/4}$	$1^{31/64}$	1.484	$1^{15/32}$	1.469	$1^{1/2}$	1.500
$1^{1/2}$	$1^{47/64}$	1.734	$1^{23/32}$	1.719	$1^{3/4}$	1.750
2	$2^{13/64}$	2.203	$2^{3/16}$	2.188	$2^{7/32}$	2.219
21/2	$2^{5/8}$	2.625	$2^{19/32}$	2.594	$2^{21/32}$	2.656
3	$3^{1/4}$	3.250	$2^{7/32}$	3.219		
31/2	$3^{3/4}$	3.750				
4	$4^{1/4}$	4.250				

Metric Tap Drill Sizes

Diameter & Pitch	Metric Drill	Inch Drill
5 x .80	4.20	11/64
6 x 1.00	5.00	13/64
7 x 1.00	6.00	15/64
8 x 1.25	6.75	17/64
10 x 1.50	8.50	11/32
12 x 1.75	10.25	13/32

Note: Nominal outside diameter minus the pitch equals the tap drill size for 75% thread contact area.

Taps & Dies

TAP DRILL SIZE CHART

THREAD	DRILL
0-80	3/64
M1.6-.35	1.25M
1-64	54
M1.8-.35	1.45M
1-72	53
M2.0-.4	1.60M
2-56	51
M2.2-.45	1.75M
2-64	50
3-48	47
M2.5-.45	2.05M
3-56	45
4-40	43
4-48	42
M3.0-.5	2.50M
5-40	38
5-44	37
6-32	36
6-40	33
M3.5-.6	2.90M
M4.0-.7	3.30M
8-32	29
8-36	29
M4.5-.75	26

THREAD	DRILL
10-24	25
10-32	21
M5.0-.8	4.20M
12-24	16
12-28	14
M6.0-1	5.0M
1/4-20	7
1/4-28	3
M7.0-1	6.0M
5/16-18	F
M8.0-1.25	H
5/16-24	I
M8.0-1	7.0M
3/8-16	5/16
3/8-24	Q
M10-1.5	8.5M
M10-1.25	11/32
7/16-14	U
7/16-20	25/64
M12-1.75	Y
1/2-13	27/64
M12-1.25	10.8M
1/2-20	29/64
M14-2	12.0M

THREAD	DRILL
9/16-12	31/64
M14-1.5	12.5M
9/16-18	33/64
M16-2	14.0M
5/8-11	17/32
M16-1.5	14.5M
5/8-18	37/64
M18-2.5	15.5M
M18-1.5	16.5M
3/4-10	21/32
3/4-16	11/16
M20-2.5	17.5M
M20-1.5	18.5M
7/8-9	49/64
M22-2.5	19.5M
M22-1.5	20.5M
7/8-14	13/16
M24-3	21.0M
M24-2	22.0M
1-8	7/8
1-12	59/64
1-14	15/16

From FT.-LB. to IN. LB.

FT LB	0 IN LB	1 IN LB	2 IN LB	3 IN LB	4 IN LB	5 IN LB	6 IN LB	7 IN LB	8 IN LB	9 IN LB
0	0	12	24	36	48	60	72	84	96	108
10	120	132	144	156	168	180	192	204	216	228
20	240	252	264	276	288	300	312	324	336	348
30	360	372	384	396	408	420	432	444	456	468
40	480	492	504	516	528	540	552	564	576	588
50	600	612	624	636	648	660	672	684	696	708
60	720	732	744	756	768	780	792	804	816	828
70	840	852	864	876	888	900	912	924	936	948
80	960	972	984	996	1008	1020	1032	1044	1056	1068
90	1080	1092	1104	1116	1128	1140	1152	1164	1176	1188
100	1200									

From IN.-LB. to FT.-LB.

IN LB	0 FT LB	1 FT LB	2 FT LB	3 FT LB	4 FT LB	5 FT LB	6 FT LB	7 FT LB	8 FT LB	9 FT LB
0	0	0.083	1.670	0.250	0.333	0.417	0.500	0.583	0.667	0.750
10	0.833	0.917	1.000	1.083	1.167	1.250	1.333	1.417	1.500	1.588
20	0.167	1.750	1.833	1.917	2.000	2.083	2.167	2.250	2.333	2.417
30	2.500	2.583	2.667	2.750	2.833	2.917	3.000	3.083	3.167	3.250
40	3.333	3.417	3.500	3.583	3.667	3.750	3.833	3.917	4.000	4.083
50	4.167	4.250	4.333	4.417	4.500	4.583	4.667	4.750	4.833	4.917
60	5.000	5.083	5.167	5.250	5.333	5.417	5.500	5.583	5.667	5.750
70	5.833	5.917	6.000	6.083	6.167	6.250	6.333	6.417	6.500	6.583
80	6.667	6.750	6.833	6.917	7.000	7.083	7.167	7.250	7.333	7.417
90	7.500	7.583	7.667	7.750	7.833	7.917	8.000	8.083	8.167	8.250
100	8.333									

Conversion Formulas

FT x 12 = IN LB
IN LB/12 = FT LB
IN LB x 1.152 = CMKG
CMKG x .8677 = IN LB

FT LB x .1383 = MKG
MKG x 7.7233 = FT LB
INCHES x 25.4 = MM
MM x .0394 = INCHES

Conversion Table
METRIC TO ENGLISH

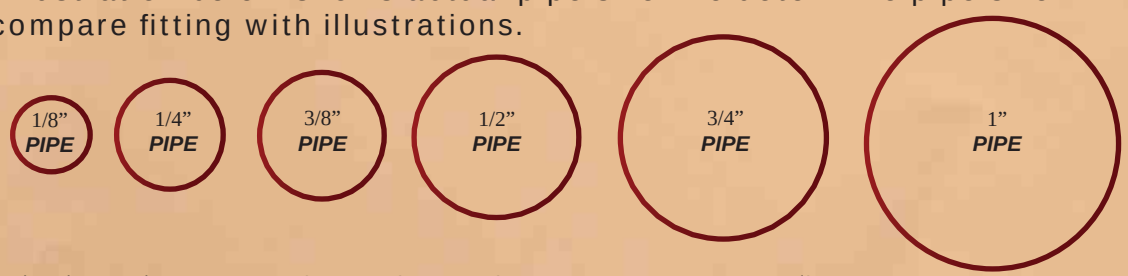
When You Know	MULTIPLY BY: * = Exact Very Accurate	Approximate	To Find
LENGTH			
millimetres	0.0393701	0.04	inches
centimetres	0.3937008	0.4	inches
metres	3.280840	3.3	feet
metres	1.093613	1.1	yards
kilometres	0.621371	0.6	miles
WEIGHT			
grains	0.00228571	0.0023	ounces
grams	0.03527396	0.035	ounces
kilograms	2.204623	2.2	pounds
tonnes	1.1023113	1.1	short tons
VOLUME			
millilitres		0.2	teaspoons
millilitres	0.06667	0.067	tablespoons
millilitres	0.03381402	0.03	fluid ounces
litres	61.02374	61.024	cubic inches
litres	2.113376	2.1	pints
litres	1.056688	1.06	quarts
litres	0.26417205	0.26	gallons
litres	0.03531467	0.35	cubic feet
cubic metres	61023.74	61023.7	cubic inches
cubic metres	35.31467	35.0	cubic feet
cubic metres	1.3079506	1.3	cubic yards
cubic metres	264.17205	264.0	gallons
AREA			
sq. centimetres	0.1550003	0.16	square inches
sq. centimetres	0.00107639	0.001	square feet
sq. metres	10.76391	0.8	square feet
sq. metres	1.195990	1.2	square yards
sq. kilometres		0.4	square miles
hectares	2.471054	2.5	acres
TEMPERATURE			
Celsius*	9/5 (after subtracting 32)		Fahrenheit

Conversion Table
ENGLISH TO METRIC

When You Know	MULTIPLY BY: * = Exact Very Accurate	Approximate	To Find
LENGTH			
inches	*25.4		millimetres
inches	*2.54		centimetres
feet	*0.3048		metres
feet	*30.48		centimetres
yards	*0.9144	0.9	metres
miles	*1.609344	1.6	kilometres
WEIGHT			
grains	15.43236	15.4	grams
ounces	*28.349523125	28.0	grams
ounces	*0.028349523125	.028	kilograms
pounds	*0.45359237	0.45	kilograms
short ton	*0.90718474	0.9	tonnes
VOLUME			
teaspoons		5.0	millilitres
tablespoons		15.0	millilitres
fluid ounces	29.57353	30.0	millilitres
cups		0.24	litres
pints	*0.473176473	0.47	litres
quarts	*0.946352946	0.95	litres
gallons	*3.785411784	3.8	litres
cubic inches	*0.016387064	0.02	litres
cubic feet	*0.028316846592	0.03	cubic metres
cubic yards	*0.764554857984	0.76	cubic metres
AREA			
square inches	*6.4516	6.5	square centimetres
square feet	*0.09290304	0.09	square metres
square yards	*0.83612736	0.8	square metres
square miles		2.6	square kilometres
acres	*0.40468564224	0.4	hectares
TEMPERATURE			
Fahrenheit	* 5/9 (after subtracting 32)		Celsius

Pipe Fittings (Taper Pipe Threads)

•Illustration below shows actual pipe size. To determine pipe size compare fitting with illustrations.



Threads Per Inch	27	18	18	14	14	11-1/2
Approx. O.D.	13/32	9/16	11/16	27/32	1-1/16	1-5/16

Measurement Table

Conventional Measure	Metric Exact Conversion Millilitre (ml)	Metric Standard Measure Millilitre (ml)
SPOONS		
1/4 teaspoon (tsp.)	1.2 ml	1 ml
1/2 teaspoon (tsp.)	2.4 ml	2 ml
1 teaspoon (tsp.)	4.7 ml	5 ml
2 teaspoons (tsp.)	9.4 ml	10 ml
1 tablespoon (tbsp.)	14.2 ml	15 ml
CUPS		
1/4 cup (4 tbsp.)	56.8 ml	50 ml
1/3 cup (5-1/3 tbsp.)	75.6 ml	75 ml
1/2 cup (8 tbsp.)	113.7 ml	125 ml
2/3 cup (10-2/3 tbsp.)	151.2 ml	150 ml
3/4 cup (12 tbsp.)	170.5 ml	175 ml
1 cup (16 tbsp.)	227.3 ml	240 ml
4-1/2 cups	1022.9 ml	1000 ml (1 L)
DRY MEASUREMENTS		
Ounces (oz.)	**Grams (g)**	**Grams (g)**
1 oz.	28.3 g	30 g
2 oz.	56.7 g	55 g
3 oz.	85.0 g	85 g
4 oz.	113.4 g	125 g
5 oz.	141.7 g	140 g
6 oz.	170.1 g	170 g
7 oz.	198.4 g	200 g
8 oz.	226.8 g	250 g
16 oz.	453.6 g	500 g
32 oz.	907.2 g	1000 g (1 kg)

Conventional Quart (qt.)	Metric Litre (L)
1 qt.	1.2 L
1-1/4 qt.	1.5 L
1-2/3 qt.	2 L
2 qt.	2.5 L
3-1/3 qt.	4 L
4-1/4 qt.	5 L

Fahrenheit (°F)	Celsius (°C)
175°	80°
200°	95°
225°	110°
250°	120°
275°	140°
300°	150°
325°	160°
350°	175°
375°	190°
400°	205°
425°	220°
450°	230°
475°	240°
500°	260°

Weight or Measure	Metric Equivalent
8 ounces	240 ml
4 ounces	120 ml
2 ounces	60 ml
1 ounce	30 ml
1 gallon	3.8 litres
1 quart	.95 litres
1 pint	480 ml
1 cup	240 ml
3/4 cup	180 ml
2/3 cup	160 ml
1/2 cup	120 ml
1/3 cup	80 ml
1/4 cup	60 ml
1 tablespoon	15 ml
1 teaspoon	5 ml

Useful Conversions

When You Know:	Multiply By:	To Find:
TORQUE		
Pound - inch	0.11298	newton-metres (N-m)
Pound - foot	1.3558	newton-metres
LIGHT		
Foot candles	1.0764	lumens/metres^2 (lm/m^2)
FUEL PERFORMANCE		
Miles/gallon	0.4251	kilometres/litre (km/L)
SPEED		
Miles/hour	1.6093	kilometres/hr (km/h)
FORCE		
kilogram	9.807	newtons (n)
ounce	0.278	newtons
pound	4.448	newtons
POWER		
Horsepower	0.746	kilowatts (kw)
PRESSURE OR STRESS		
Inches of water	0.2491	kilopascals (kPa)
Pounds/sq. in.	6.895	kilopascals
ENERGY OR WORK		
BTU	1055.0	joules (J)
Foot - pound	1.3558	joules
Kilowatt-hour	3600000.0	joules (J = one W/s)

Measuring Systems

English			Metric		
LENGTH					
12 inches	=	1 foot	1 kilometre	=	1000 metres
36 inches	=	1 yard	1 hectometre	=	100 metres
3 feet	=	1 yard	dekametre	=	10 metres
5,280 feet	=	1 mile	1 metre	=	1 metre
16.5 feet	=	1 rod	1 decimetre	=	0.1 metre
320 rods	=	1 mile	1 centimetre	=	0.01 metre
6 feet	=	1 fathom	1 millimetre	=	0.001 metre
WEIGHT					
27.34 grains	=	1 dram	1 tonne	=	1,000,000 grams
438 grains	=	1 ounce	1 kilogram	=	1000 grams
16 drams	=	1 ounce	1 hectogram	=	100 grams
16 ounces	=	1 pound	1 dekagram	=	10 grams
2000 pounds	=	1 short ton	1 gram	=	1 gram
2240 pounds	=	1 long ton	1 decigram	=	0.1 gram
25 pounds	=	1 quarter	1 centigram	=	0.01 gram
4 quarters	=	1 cwt	1 milligram	=	0.001 gram
VOLUME					
8 ounces	=	1 cup	1 hectolitre	=	100 litres
16 ounces	=	1 pint	1 dekalitre	=	10 litres
32 ounces	=	1 quart	1 litre	=	1 litre
2 cups	=	1 pint	1 decilitre	=	0.1 litre
2 pints	=	1 quart	1 centilitre	=	0.01 litre
4 quarts	=	1 gallon	1 millilitre	=	0.001 litre
8 pints	=	1 gallon	1000 millilitre	=	1 litre

AREA					
144 sq. inches	=	1 sq. foot	100 sq. millimetres	=	1 sq. centimetre
9 sq. feet	=	1 sq. yard	100 sq. centimetres	=	1 sq. decimetre
43,560 sq. st.	=	160 sq. rods	100 sq. decimetres	=	1 sq. metre
160 sq. rods	=	1 acre	10,000 sq. metres	=	1 hectare
640 acres	=	1 sq. mile			

TEMPERATURE

FAHRENHEIT		CELSIUS
32 degrees F	Water freezes	0 degrees C
68 degrees F	Reasonable room temperature	20 degrees C
98.6 degrees F	Normal body temperature	37 degrees C
173 degrees F	Alcohol boils	78.34 degrees C
212 degrees F	Water boils	100 degrees C

Fractions, Decimals & Millimetres

Inch Fraction	Decimal	mm	Inch Fraction	Decimal	mm
1/64	.0156	.396	33/64	.5164	13.096
1/32	.0312	.793	17/32	.5312	13.493
3/64	.0468	1.190	35/64	.5468	13.890
1/16	.0625	1.587	9/16	.5625	14.287
5/64	.0781	1.984	37/64	.5781	14.684
3/32	.0937	2.381	19/32	.5937	15.081
7/64	.1093	2.778	39/64	.6093	15.478
1/8	.1250	3.175	5/8	.6250	15.875
9/64	.1406	3.571	41/64	.6406	16.271
5/32	.1562	3.968	21/32	.6562	16.668
11/64	.1718	4.365	43/64	.6718	17.065
3/16	.1875	4.762	11/16	.6875	17.462
13/64	.2031	5.159	45/64	.7031	17.859
7/32	.2187	5.556	23/32	.7187	18.256
15/64	.2343	5.953	47/64	.7343	18.653
1/4	.2500	6.350	3/4	.7500	19.050
17/64	.2656	6.746	49/64	.7656	19.446
9/32	.2812	7.143	25/32	.7812	19.843
19/64	.2968	7.540	51/64	.7968	20.240
5/16	.3125	7.937	13/16	.8125	20.637
21/64	.3281	8.334	53/64	.8281	21.034
11/32	.3437	8.731	27/32	.8437	21.431
23/64	.3593	9.128	55/64	.8593	21.828
3/8	.3750	9.525	7/8	.8750	22.225
25/64	.3906	9.921	57/64	.8906	22.621
13/32	.4062	10.318	29/32	.9062	23.018
27/64	.4218	10.715	59/64	.9218	23.415
7/16	.4375	11.112	15/16	.9375	23.812
29/64	.4531	11.509	61/64	.9531	24.209
15/32	.4687	11.906	31/32	.9687	24.606
31/64	.4843	12.303	63/64	.9843	25.003
1/2	.5000	12.700	1	1.00	25.400

FT.-LB. to KGM or MKP to NM Conversion Table

Foot Pounds (Ft. Lbs)	Kilo-gram Meters (Kgm or mkp)	Newton Meters (Nm)	Newton Meters (Nm)	Foot Pounds (Ft. Lbs)	Kilo-gram Meters (Kgm or mkp)	Kilo-gram Meters (Kgm or mkp)	Newton Meters (Nm)	Foot Pounds (Ft. Lbs)
5	0.69	6.78	10	7.38	1.02	1	9.81	7.23
10	1.38	13.56	20	14.75	2.04	2	19.61	14.47
15	2.07	20.34	30	22.13	3.06	3	29.42	21.70
20	2.76	27.12	40	29.50	4.08	4	39.23	28.93
25	3.46	33.90	50	36.88	5.10	5	49.04	36.17
30	4.15	40.68	60	44.26	6.12	6	58.84	43.40
35	4.84	47.46	70	51.63	7.14	7	68.65	47.87
40	5.53	54.24	80	59.01	8.16	8	78.46	50.63
45	6.22	61.02	90	66.38	9.18	9	88.26	65.10
50	6.91	67.80	100	13.76	10.20	10	98.07	72.33
55	7.60	74.58	110	81.14	11.22	11	107.88	79.57
60	8.29	81.36	120	88.51	12.24	12	117.68	86.80
65	8.98	88.14	130	95.89	13.26	13	127.49	94.03
70	9.67	94.92	140	103.26	14.28	14	137.30	101.27
75	10.37	101.70	150	110.64	15.30	15	147.11	108.50
80	11.06	108.48	160	118.02	16.32	16	156.91	115.74
85	11.75	115.26	170	125.39	17.34	17	166.72	122.97
90	12.44	122.04	180	132.77	18.36	18	176.53	130.20
95	13.13	128.82	190	140.14	19.38	19	186.33	137.43
100	13.82	135.60	200	147.52	20.40	20	196.14	144.67
105	14.51	142.38	210	154.90	21.42	21	205.95	151.90
110	15.20	149.16	220	162.27	22.44	22	215.75	159.13
115	15.89	155.94	230	169.65	23.46	23	225.37	166.37
120	16.58	162.72	240	177.02	24.48	24	235.37	173.60
125	17.28	169.50	250	184.40	25.50	25	245.18	180.84
130	17.97	176.28	260	191.78	26.52	26	254.98	188.08
135	18.66	183.06	270	199.15	27.54	27	264.79	195.30
140	19.35	189.84	280	206.53	28.56	28	274.60	202.54
145	20.04	196.62	290	213.91	29.58	29	284.41	209.77
150	20.73	203.40	300	221.29	30.60	30	294.22	217.00
155	21.42	210.18	310	228.67	31.62	31	304.03	224.23
160	22.11	216.96	320	236.05	32.64	32	313.84	231.46
165	22.80	223.74	330	243.43	33.66	33	323.65	238.69
170	23.49	230.52	340	250.81	34.68	34	333.46	245.92
175	24.19	237.70	350	258.30	35.70	35	343.35	253.05
180	24.88	244.08	360	265.68	36.72	36	353.16	260.28
185	25.57	250.86	370	273.06	37.74	37	362.97	267.51
190	26.26	257.64	380	280.44	38.76	38	372.78	274.74
195	26.95	264.42	390	287.82	39.78	39	382.59	281.97
200	27.64	271.20	400	295.20	40.80	40	392.40	289.20
205	28.33	277.98	410	302.58	41.82	41	402.21	296.43
210	29.02	284.76						
215	29.71	291.54						
220	30.40	298.32						
225	31.09	305.10						
230	31.78	311.88						
235	32.47	318.66						
240	33.16	325.44						
245	33.85	332.22						
250	34.54	339.00						
260	35.88	352.56						
270	37.26	366.12						
280	38.64	379.68						
290	40.02	393.24						
300	41.40	406.80						

Conversion Formulas

1 CMKG = 13.887 IN-OZ
1 CMKG = 0.867 IN-LB
1 MKG = 7.233 FT-LB
1 KPCM = 1 CMKG
1 CMKG = 0.98 Nm
1 FT-LB = 12 IN-LB

1 dNm = 14.16 IN-OZ
1 Nm = 8.8507 IN-LB
1 Nm = 0.73756 FT-LB
1 KPM = 1 MKG
1 MKG = 9.80665 Nm

Dry Torque Recommendations

S.A.E.

Diameter	Grade 5 Coarse	Grade 5 Fine	Grade 6 Coarse	Grade 6 Fine	Grade 8 Coarse	Grade 8 Fine
1/4	108*	120*	132*	156*	17	19
5/16	17	20	23	25	34	37
3/8	31	35	40	45	60	68
7/16	50	55	64	72	96	108
1/2	75	85	98	110	145	165
9/16	110	120	140	160	210	235
5/8	150	170	195	220	290	330

*Any torque less than 15-lb is given in in.-lb.

Metric

Diameter (mm)	Pitch	Grade 8.8	Grade 12.9
6	1.00	84*	132*
7	1.00	132*	20
8	1.25	18	29
8	1.00	20	32
10	1.50	33	58
10	1.25	35	61
10	1.00	38	64
12	1.75	59	100
12	1.50	65	110

*Any torque less than 15 ft-lb is given in in.lb.

Lubricated Torque Recommendations

(Reduced 33%)

S.A.E.

Diameter	Grade 5 Coarse	Grade 5 Fine	Grade 6 Coarse	Grade 6 Fine	Grade 8 Coarse	Grade 8 Fine
1/4	72*	80*	88*	104*	136*	152*
5/16	135*	160*	15	17	22	25
3/8	21	23	26	30	40	45
7/16	33	37	43	48	64	72
1/2	50	57	65	73	96	110
9/16	73	80	93	107	140	157
5/8	100	113	130	147	193	220

*Any torque less than 15-lb is given in in.-lb.

Metric

Diameter (mm)	Pitch	Grade 8.8	Grade 12.9
6	1.00	56*	88*
7	1.00	88*	160*
8	1.25	144*	19
8	1.00	160*	21
10	1.50	22	39
10	1.25	23	41
10	1.00	25	43
12	1.75	39	67
12	1.50	43	73

*Any torque less than 15 ft-lb is given in in.lb.

Drill Sizes

DECIMAL EQUIVALENTS • Fractional • Wire • Metric • Letter Sizes

DRILL SIZE	DECIMAL
0.10	.0039
97	.0059
96	.0063
95	.0067
94	.0071
93	.0075
92	.0079
0.20	.0079
91	.0083
90	.0087
89	.0091
88	.0095
87	.0100
86	.0105
85	.0110
84	.0115
0.30	.0118
83	.0120
82	.0125
81	.0130
80	.0135
0.35	.0138
79	.0145
1/64	.0156
0.40	.0157
78	.0160
0.45	.0177
77	.0180
0.50	.0197
76	.0200
75	.0210
0.55	.0217
74	.0225
0.60	.0236
73	.0240
72	.0250
0.65	.0256
71	.0260
0.70	.0276
70	.0280
69	.0292
0.75	.0295
68	.0310
1/32	.0312
0.80	.0315
67	.0320
66	.0330
0.85	.0335
65	.0350
0.90	.0354
64	.0360
63	.0370
0.95	.0374
62	.0380
61	.0390
1.00	.0394
60	.0400
59	.0410
1.05	.0413
58	.0420
57	.0430
1.10	.0433
1.15	.0453
56	.0465
3/64	.0469
1.20	.0472
1.25	.0492
1.30	.0512
55	.0520
1.35	.0531
54	.0550
1.40	.0551
1.45	.0571
1.50	.0591
53	.0595
1.55	.0610
1/16	.0625
1.60	.0630
52	.0635
1.65	.0650
1.70	.0669
51	.0670
1.75	.0689
50	.0700
1.80	.0709
1.85	.0728
49	.0730
1.90	.0748
48	.0760
1.95	.0768
5/64	.0781
47	.0785
2.00	.0787
2.05	.0807
46	.0810
45	.0820
2.10	.0827
2.15	.0846
44	.0860
2.20	.0866
2.25	.0886
43	.0890
2.30	.0906
2.35	.0925
42	.0935
3/32	.0938
2.40	.0945
41	.0960
2.45	.0965
40	.0980
2.50	.0984
39	.0995
38	.1015
2.60	.1024
37	.1040
2.70	.1063
36	.1065
7/64	.1094
35	.1100
2.80	.1102
34	.1110
33	.1130
2.90	.1142
32	.1160
3.00	.1181
31	.1200
3.10	.1220
1/8	.1250
3.20	.1260
3.25	.1280
30	.1285
3.30	.1299
3.40	.1339
29	.1360
3.50	.1378
28	.1405
9/64	.1406
3.60	.1417
27	.1440
3.70	.1457
26	.1470
25	.1495
3.80	.1496
24	.1520
3.90	.1535
23	.1540
5/32	.1562
22	.1570
4.00	.1575
21	.1590
20	.1610
4.10	.1614
4.20	.1654
19	.1660
4.30	.1693
18	.1695
11/64	.1719
17	.1730
4.40	.1732
16	.1770
4.50	.1772
15	.1800
4.60	.1811
14	.1820
13	.1850
4.70	.1850
3/16	.1875
12	.1890
4.80	.1890
11	.1910
4.90	.1929
10	.1935
9	.1960
5.00	.1969
8	.1990
5.10	.2008
7	.2010
13/64	.2031
6	.2040
5.20	.2047
5	.2055
5.30	.2087
4	.2090
5.40	.2126
3	.2130
5.50	.2165
7/32	.2188
5.60	.2205
2	.2210
5.70	.2244
1	.2280
5.80	.2283
5.90	.2323
A	.2340
15/64	.2344
6.00	.2362
B	.2380
6.10	.2402
C	.2420
6.20	.2441
D	.2460
6.30	.2480
1/4	.2500
E	.2500
6.40	.2520
6.50	.2559
F	.2570
6.60	.2598
G	.2610
6.70	.2638
17/64	.2656
H	.2660
6.80	.2677
6.90	.2717
I	.2720
7.00	.2756
J	.2770
7.10	.2795
K	.2810
9/32	.2812
7.20	.2835
7.30	.2874
L	.2900
7.40	.2913
M	.2950
7.50	.2953
19/64	.2969
7.60	.2992
N	.3020
7.70	.3031
7.80	.3071
7.90	.3110
5/16	.3125
8.00	.3150
O	.3160
8.10	.3189
8.20	.3228
P	.3230
8.30	.3268
21/64	.3281
8.40	.3307
Q	.3320
8.50	.3346
8.60	.3386
R	.3390
8.70	.3425
11/32	.3438
8.80	.3465
S	.3480
8.90	.3504
9.00	.3543
T	.3580
9.10	.3583
23/64	.3594
9.20	.3622
9.30	.3661
U	.3680
9.40	.3701
9.50	.3740
3/8	.3750
V	.3770
9.60	.3780
9.70	.3819
9.80	.3858
W	.3860
9.90	.3898
25/64	.3906
10.00	.3937
X	.3970
10.20	.4016
Y	.4040
10.30	.4058
13/32	.4062
Z	.4130
10.50	.4134
27/64	.4219
10.80	.4252
11.00	.4331
7/16	.4375
11.20	.4409
11.50	.4528
29/64	.4531
11.80	.4646
15/32	.4688
12.00	.4724
12.20	.4803
31/64	.4844
12.50	.4921
1/2	.5000
13.00	.5118
33/64	.5156
17/32	.5312
13.50	.5315
35/64	.5469
14.00	.5512
9/16	.5625
14.50	.5709
37/64	.5781
15.00	.5906
19/32	.5938
39/64	.6094
15.50	.6102
5/8	.6250
16.00	.6299
41/64	.6406
16.50	.6496
21/32	.6562
17.00	.6693
43/64	.6719
11/16	.6875
17.50	.6890
45/64	.7031
18.00	.7087
23/32	.7188
18.50	.7283
47/64	.7344
19.00	.7480
3/4	.7500
49/64	.7656
19.50	.7677
25/32	.7812
20.00	.7874
51/64	.7969
20.50	.8071
13/16	.8125
21.00	.8268
53/64	.8281
27/32	.8438
21.50	.8465
55/64	.8594
22.00	.8661
7/8	.8750
22.50	.8858
57/64	.8906
23.00	.9055
29/32	.9062
59/64	.9219
23.50	.9252
15/16	.9375
24.00	.9449
61/64	.9531
24.50	.9646
31/32	.9688
25.00	.9843
63/64	.9844
1”	1.0000

Millimetres - Inches

mm	Inches	mm	Inches	mm	Inches
1	0.0394	34	1.3396	67	2.6398
2	0.0788	35	1.3790	68	2.6792
3	0.1182	36	1.4184	69	2.7186
4	0.1576	37	1.4578	70	2.7580
5	0.1970	38	1.4972	71	2.7974
6	0.2364	39	1.5366	72	2.8368
7	0.2758	40	1.5760	73	2.8762
8	0.3152	41	1.6154	74	2.9156
9	0.3546	42	1.6548	75	2.9550
10	0.3940	43	1.6942	76	2.9944
11	0.4334	44	1.7336	77	3.0338
12	0.4728	45	1.7730	78	3.0732
13	0.5122	46	1.8124	79	3.1126
14	0.5516	47	1.8518	80	3.1520
15	0.5910	48	1.8912	81	3.1914
16	0.6304	49	1.9306	82	3.2308
17	0.6698	50	1.9700	83	3.2702
18	0.7092	51	2.0094	84	3.3096
19	0.7486	52	2.0488	85	3.3490
20	0.7880	53	2.0882	86	3.3884
21	0.8274	54	2.1276	87	3.4278
22	0.8668	55	2.1670	88	3.4672
23	0.9062	56	2.2064	89	3.5066
24	0.9456	57	2.2458	90	3.5460
25	0.9850	58	2.2852	91	3.5854
26	1.0244	59	2.3246	92	3.6248
27	1.0638	60	2.3640	93	3.6642
28	1.1032	61	2.4034	94	3.7036
29	1.1426	62	2.4428	95	3.7430
30	1.1820	63	2.4822	96	3.7824
31	1.2214	64	2.5216	97	3.8218
32	1.2608	65	2.5610	98	3.8612
33	1.3002	66	2.6004	99	3.9006

Metric Conversion Factors

1. To convert column I to column II - multiply column I by column III
2. To convert column II to column I - multiply column II by column IV

Quantity	I Canadian Unit	II Metric Unit	III	IV
Mass	grain	mg	64.798	0.015
	oz.	g	28.349	0.035
	lb.	kg (kilogram)	0.453	2.204
	ton (2000 lb.)	tonne	0.907	1.102
Volume	fl. oz.	ml	28.413	0.035
	quart	litre	1.136	0.879
	gallon	litre	4.546	0.219
Length	in.	cm	2.54	0.393
	ft.	m (metre)	0.304	3.280
	yd.	m	0.914	1.093
	mile	km	1.609	0.621
Area	sq. in.	cm^2	6.451	0.155
	sq. ft.	m^2	0.092	10.763
	sq. yd.	m^2	0.836	1.195
	acre	ha	0.404	2.417
	sq. mi.	km^2	2.589	0.386
Cubic	cu. in.	cm^3	16.387	0.061
	cu. ft.	m^3	0.028	35.314
	cu. yd.	m^3	0.764	1.307
Pressure	lb. per sq. in. (psi)	kPa	6.894	0.145
	in. of water	Pa (pascal)	249.089	0.004
	in. of mercury	kPa	3.386	0.295
Energy	ft. lb. (force)	J (joule)	1.355	0.737
	kwatt. hr.	MJ	3.6	0.277
	Btu.	J		0.000
Power	Ft. lb. (force) per sec.	W (watt)	1.355	0.737
	h.p.	W	745.699	0.001
	BTU. per hr.	W	0.293	3.412

Notes

Notes

Notes

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