



# TREATMENTS AND SOLVENTS

## OCTANE BOOSTER

- Safe for turbos, oxygen sensors and catalytic converters
- Suitable for use in fuel injected and carbureted engines
- Provides more boost than most other brands
- Promotes clean fuel burn for fewer emissions
- 15 oz. bottle (treats up to 25 gallons of fuel)
- Not street legal #.....20026



277

LUC

## ENGINE BREAK-IN OIL ADDITIVE

- Protects camshaft lifters and valve train during break-in period of motor
- Exclusive blend of extreme pressure additive
- 50ml will increase the zinc content of your motor oil
- Designed for race applications requiring additional extreme pressure additives
- Dyno testing shows a more efficient break-in when used resulting in less engine run time prior to race day
- Not designed for passenger car use
- 473 ml #.....10063



277

LUC

## MOTORCYCLE OCTANE BOOSTER

- Safe for turbos, oxygen sensors and catalytic converters
- Suitable for use in fuel injected and carbureted engines
- Provides more boost than most other brands
- Promotes clean fuel burn for fewer emissions
- 2 oz #.....10725



277

LUC

## HEAVY DUTY OIL STABILIZER

- Controls noise, heat and wear in manual transmissions and differentials
- Use in gear oil to stop leaks, reduce operating temperatures and increase the life of the gear oil



#.....	Size.....
20001	1 quart
20002	1 gallon



277

LUC

## SYNTHETIC OIL STABILIZER

- Use in new equipment which requires synthetic oils or any equipment that needs enhanced performance
- Protects new and used heavy-duty and high-performance transmissions, gear boxes and engines



#.....	Size.....
20130	1 quart
20131	1 gallon



277

LUC

## GUN OIL

- Excellent for long-term storage
- Use on fishing reels
- Excellent household lubricant
- 2 oz #.....10006



277

LUC

# TREATMENTS AND SOLVENTS



## AUTOMATIC TRANSMISSION FLUID CONDITIONER

- Prevents slipping, leaks and wear
- Provides smooth, quiet operation
- Conditions seals, improves shifting and reduces noise and shudder
- Compatible with all ATF fluids, conventional and synthetic
- Will not void new car warranty
- 20 oz

#.....20441



**277**  
**LUC**



## SUPER COOLANT

- Lower cylinder head temperatures allow advanced ignition timing, and more horsepower!
- Protection for 6 metals commonly found in cooling systems, particularly ALUMINUM
- Reduces operating temps up to 20 degrees and more
- Prevents deposits, corrosion and electrolysis
- Protects heater core
- Lubricates water pump
- 16 oz

#.....20640



**277**  
**LUC**



## INTAKE MEDIC® AIR INTAKE CLEANER

- Maintain the efficient operation of the air intake components: throttle valve body, butterfly and idle intake control valves
- 340 g

#.....M4712C



**205**  
**RAD**



## CARB MEDIC®

- Cleans and removes gums, varnish and other deposits to restore carburetor and fuel injector efficiency while driving
- Reduces knock, ping, and run-on. Smooths rough idling and hesitation
- 350 ml

#.....M4816C



**205**  
**RAD**



## CARB MEDIC® CARBURETOR CLEANER

- Cleans carburetor; choke linkage and manifold heat controls
- Will not harm catalytic converters or oxygen sensors
- 354 g

#.....M4814C



**205**  
**RAD**



## MOTOR MEDIC® OIL TREATMENT

- Reduces thinning of oil at operating temperatures, which in turn will reduce oil consumption and exhaust smoking in older cars and reduce wear in newer cars
- 443 ml

#.....M1815C



**205**  
**RAD**



## EXHAUST MEDIC®

- Designed to reduce carbon monoxide, hydrocarbons and nitrogen oxide emissions
- 350 ml

#.....M5512C



**205**  
**RAD**





# TREATMENTS AND SOLVENTS

## TRANS-MEDIC® ADDITIVE

- Reduces friction in automatic transmissions
- Eliminates transmission slippage
- Helps to smooth rough shifting and sluggish action
- 350 ml

#.....M3612C



205  
RAD



## VALVE-MEDIC® ADDITIVE

- Frees up noisy valve lifters by dissolving varnish and gum
- 350 ml

#.....M3712C



205  
RAD



## MOTOR FLUSH

- Flushes out deposits and free valves and rings
- Works in all gas or diesel engines
- 946 ml

#.....MF2C



205  
RAD



## DIESEL MILEMAX® MILEAGE IMPROVER

- Cleans injectors
- Reduces emissions
- Improves fuel economy
- 946 ml

#.....M6732C



205  
RAD



## CONCENTRATED FUEL SYSTEM CLEANER

- For vehicles with larger fuel tanks
- Reduces stalling and emissions, cleans injectors and valves, pistons and combustion chambers
- 1 bottle treats 130 liters
- 473 ml

#.....MSUV16C



205  
RAD



## FUEL STABILIZER

- For storage and everyday use in all two and four cycle engines
- Prevents formation of gum, varnish and rust in fuel system
- 350 ml

#.....M5312C



205  
RAD



## INJECTOR PLUS®

- Removes injector system deposits on foreign and domestic gasoline and diesel engines in only one treatment
- 350 ml

#.....M5212C



205  
RAD



## INJECTOR CLEANER

- As preventive maintenance, to restore fuel economy and power lost through deposit buildup, which alters injector spray pattern and flow properties
- 350 ml

#.....M4912C



205  
RAD





# TREATMENTS AND SOLVENTS



## OCTANE PLUS®

- Removes deposits, which tend to cause engine's octane requirements to rise
- 350 ml

# ..... M5112C



205

RAD



## LEAD SUBSTITUTE

- Allows older engines designed for use with "leaded" gasoline to run safely with low lead or unleaded fuels when used as directed
- 350 ml

# ..... M5012C



205

RAD



## MASS AIR FLOW SENSOR CLEANER

- Fast drying with no residue
- Dissolves grease, dirt & flux
- Improves air to fuel ratio
- 212 g

# ..... MAS7C



205

RAD



## STOP SMOKIN'® OIL ADDITIVE

- Use in gasoline and diesel engines
- Reduce oil consumption and exhaust smoking in older cars and reduces wear
- 428 ml

# ..... M5714C



205

RAD



## ANTI-RUST & WATER PUMP LUBE

- A water soluble oil lubricant with corrosion inhibitors compounded to lubricate and protect metals in automotive cooling systems
- Reduces foaming and inhibits evaporation of coolant
- 325 ml

# ..... C1012C



205

RAD



## SUPER RADIATOR FLUSH

- Unclogs and cleans cooling systems easily and efficiently
- Contains only mild organic acids
- Safe for use on aluminum as well as all other metals
- 650 ml

# ..... C2124C



205

RAD



## MOTOR TREATMENT

- Cleans injectors, stabilizes fuel, adds lubricity, frees lifters, de-icer and antigel

# ..... Size

SF-128 1 gallon / 3,78 L

SF-16 16 oz / 473 ml



241

SEA







# TREATMENTS AND SOLVENTS

## SPRAY CLEANER AND LUBE

- Cleans carbon deposits from intake systems, intake valves, and combustion chambers of your engine
- 100% pure petroleum for use in 2-cycle and 4-cycle gasoline engines
- Oxygen sensor safe
- 415 ml

# ..... SS-14



241

SEA



## TRANS TUNE® TRANSMISSION CLEANER

- Cleans valves and other parts when changing fluid and filters
- Smooths rough or erratic shifting
- Removes deposits from valve bodies
- Prolongs transmission life
- 473 ml

# ..... TF-16C-12



241

SEA



## FUEL INJECTOR & CARB CLEANER

- 155 ml

# ..... 17116



192

STP



## GAS TREATMENT

- Prevents gasoline freeze-up
- Removes water
- 155 ml

# ..... 17115



192

STP



## SUPER CONCENTRATED FUEL INJECTOR CLEANER

- Unclogs dirty fuel injectors
- 2x concentrated
- Treats up to 79 litres

# ..... 17111



192

STP



## OCTANE BOOSTER

- Boosts octane plus cleans combustion chambers
- Helps stop knock and ping
- Stops engine run on
- 155 ml

# ..... 17112



192

STP



## OIL TREATMENT

- For 6 or 8 cylinder engines
- Anti-wear protection
- Fights viscosity breakdown and oil thinning
- Reduces oil consumption
- 400 ml

# ..... 17124



192

STP



# TREATMENTS AND SOLVENTS



## BIO-CIRCLE® INDUSTRIAL PARTS CLEANER/DEGREASER

- Solvent-free, safe to use on all metals
- Removes oil, fat, grease, soot, wax, protein, etc.
- MRO, production and quality control

# ..... Size .....  
55-A 007 20 L



602

WSM

## MULTI-PURPOSE CLEANER DEGREASER (BIODEGRADABLE)

- Use on: engines, tools, grills, outdoor furniture, kitchens, bathrooms, stainless steel, fiberglass, concrete, etc.

# ..... Size .....  
08010-66 946 ml  
08010-16 3.78 L  
08010-10 20 L  
08010-06 208 L



212

CAS

## ENGINE DEGREASER

- Quickly lifts grease & grime off engines
- Automobiles, boats, construction applications, metal parts, machinery
- 567 g Aerosol

# ..... 75025



218

CRC

## SUPER CITRUS™ DEGREASER

- Removes grease, oil and lubricants with no water wash-off
- Evaporates quickly and leaves no residue
- 567 g Aerosol

# ..... 73170



218

CRC

## TYME® I CARBURETOR & COLD PARTS CLEANER

- Two phase water rinse, cold tank liquid parts cleaner, designed to quickly remove carbon, varnish and grease
- Aluminum, carburetor components, carburetors, corroded machinery, motors, small metal parts, steel, steel alloys
- 1 Gallon

# ..... 14101



218

CRC

## FOAMY KLEEN ENGINE SHAMPOO

- Non-Flammable, high foaming cleaner
- Safe on rubber, metal, plastic or painted surfaces
- 454 g

# ..... 825



201

KLF

## CARBURETOR AND METAL PARTS CLEANER

- Rapidly cleans finely machined metal parts without requiring complete disassembly

# ..... Size .....  
651 4 L  
652 9.1 L  
653 20 L



201

KLF



# TREATMENTS AND SOLVENTS

## ENGINE KLEEN

- Double action cleans off oil and grease plus dried-on dirt
- Will not affect rubber, metal, plastic or painted surface
- 454g

# ..... 824



201

KLF



## ENGINE SHAMPOO

- Safely cleans and shampoos trucks, cars, construction, marine and motorcycle engines.

# ..... Size  
645 4 L  
646 20 L



201

KLF



## 100% PURE ACE METHYL HYDRATE

- Designed for heavy-duty applications where dilution to local requirements is desired and economy is important

# ..... Size  
984 1 L  
985 4 L



201

KLF



## KLEEN-SOLV

- Multi-purpose cleaning solvent (can also be used as a thinner for paints and varnishes)
- 20L

# ..... 116



201

KLF



## CITRUS ENGINE BRITE® DEGREASER

- Heavy duty cleaning formula is packed with powerful degreasing solvents that quickly and easily remove the toughest grease, dirt and grime
- Orange citrus scent
- 453 g

# ..... CEB1C



205

RAD



## ENGINE BRITE® DEGREASER

- Heavy duty cleaning formula is packed with powerful degreasing solvents that quickly and easily remove the toughest grease, dirt and grime
- 454 g

# ..... EB1C



205

RAD



## ENGINE BRITE® GEL HEAVY DUTY ENGINE DEGREASER

- Fast-acting, highly effective, gel formula sprays on and stays on until the job's done!
- Safely removes grease, dirt, and grime from engines
- 425 g

# ..... EBGELC



205

RAD



## HYDROSEAL® II CARBURETOR & PARTS CLEANER

- Powerful, heavy-duty hard parts cleaning compound
- Contains no carcinogens or chlorinated solvents
- Non-corrosive and odorless
- 3.78 L

# ..... HS3C



205

RAD





# TREATMENTS AND SOLVENTS



## ACETONE

- Strong solvent, excellent for dissolving two part epoxies before they set, for cleaning fibreglass repair tools and for thinning fibreglass resins
- Removes the sticky of adhesive labels and it cleans lacquer application tools
- To clean vinyl or fibreglass surfaces, mix with water to reduce its strength and slow down the evaporation rate

#	Size
13-260	473 ml
13-261	946 ml
13-264	3.78 L
13-268	18.9 L



**424**  
**REC**



## LACQUER THINNER

- 3.78 L

# ..... 13-354



**424**  
**REC**



## METHYL HYDRATE

- Cleans windows, when mixed with water
- Used as fuel for fondue stoves and marine unpressurized alcohol stoves
- Dissolves gums, resins, and celluloid
- 3.78 L

# ..... 13-391



**424**  
**REC**



## VARSOL®

- Cleaning, degreasing and thinning agent with many applications

# ..... Size .....

13-371	1 L
13-374	3.78 L



**424**  
**REC**



**424**  
**REC**

## SOLVENT

- Removes oil and grease
- Thins varnishes and oil-based paints
- Cleans up around the garage

# ..... Size .....

13-224	3.78 L
13-228	18.9 L





# OILS AND LUBRICANTS

## AIR TOOL OIL

#	Size
AT-12	12 oz
ATC-17	946 ml



533

AGS



## AIR TOOL ANTI-FREEZE

- Keeps pneumatic tools lubricated and working properly in temperatures down to -32°C (-25°F)

#	Size
ATA-12	10 oz



533

AGS



## BELT-EASE® BELT DRESSING

- Clear, clean belt dressing adds traction and stops belt slippage
- Silences squeaks and squeals

#	Size
BDC-6	114 g Aerosol



533

AGS



## SIL-GLYDE® BRAKE LUBRICANT

- Silicone based brake lubricant is compatible with rubber and eliminates disc brake squeal

#	Size
BK-4	4 oz
BK-8	8 oz
BK-12	12 oz



533

AGS



## SIL-GLYDE® LUBRICATING COMPOUND

- Lubricates - Silences - Freeze-Proofs - Protects
- Weatherproofs and performs from -20°F to +500°F. Dripless. Applications: Trunk seals, rubber bumpers, speedometer cables, brake parts, window channels, hood strips and pads, rubber gaskets

#	Size
SG-8	8 oz



533

AGS



## DOOR-EASE® STICK LUBRICANT

- Stops squeaking and sticking
- Prevents wear on any exposed surface, while lubricating much cleaner than greases and oils

#	Size
DCE-3	45 g



533

AGS



## RU-GLYDE® TIRE MOUNTING LUBE

#	Size
RGC-18	3.785 L



533

AGS



## QUICK-LIFT® SNOW PLOW HYDRAULIC FLUID

- Special formulation hydraulic fluid with anti-wear additives designed to give superior cold weather performance down to -40°C (-40°F)
- Adds protection for metal components and is compatible with other leading snow plow fluids

#	Size
QL-17	1 quart



533

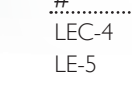
AGS



## LOCK-EASE® GRAPHITED LOCK FLUID

- Seals out moisture and provides protection against freezing, rust and wear

#	Size
LEC-4	45 ml
LE-5	46 ml aerosol



533

AGS



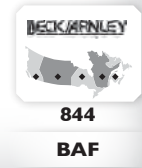
533

AGS



## PREMIUM ATF-HP AND MATIC J AUTOMATIC TRANSMISSION FLUID

#	Type	Application	Size
252-2001	Matic J/D/HP	Subaru, Nissan, Infiniti, etc	946 ml
252-2002	T-IV	Toyota, Lexus, Scion, etc	946 ml
252-2003	SPIII	Hyundai, Kia, etc	946 ml
252-2004	Z-I	Honda, Acura, etc	1 L
252-2005	M5	Mazda, etc	946 ml
252-2006	WS	Toyota, Lexus, Scion, etc	946 ml



## PREMIUM OE QUALITY ANTIFREEZE/COOLANT

- Provides superior corrosion and rust protection
- Asian Imports formulation contains no amines or borates and is free of silicates
- European Imports formulation specifies silicates in Euro Concentrate and in Euro ++ Concentrate, but not in Euro SF+ Concentrate. None contains borates, phosphates or amines.

#	Color	Application	Size
252-1001C	Green Concentrate	Acura, Daewoo, Geo, Honda, Hyundai, Infiniti, Kia, Mazda, Mitsubishi, Nissan, Subaru, and Suzuki	3.78 L
252-1002C	Red Concentrate	Lexus and Toyota	3.78 L
252-1501C	Extended Life Blue	Acura, Honda, Infiniti, Mazda, Mitsubishi, Nissan, Subaru, and Suzuki	3.78 L
252-1502C	Extended Life Pink	Acura, Honda, Infiniti, Mazda, Mitsubishi, Nissan, Subaru, and Suzuki	3.78 L
252-1020	Blue Euro Concentrate	Audi, BMW, Mini, Volkswagen and Volvo	3.78 L
252-1021	Lilac Euro SF+ Concentrate	Audi, Land Rover, and Volkswagen	3.78 L
252-1022	Violet Euro ++ Concentrate	Audi and Volkswagen	3.78 L



**844**  
**BAF**

## PREMIUM OE FULLY SYNTHETIC MOTOR OIL OW-20

- Unique all-season motor oil blended specifically for Asian OE ultra fuel efficient vehicle engines
- Features the same lubricant technology that OEMs use as factory fill
- SAE OW-20

# ..... 252-4001



**844**  
**BAF**

## PENTOSIN POWER STEERING FLUID

- Broad temperature range makes it well suited for any climate
- Helps maintain life of Power Steering
- Meets or exceeds OEM specifications

# ..... 252-0020



**844**  
**BAF**





# OILS AND LUBRICANTS

## DIELECTRIC GREASE

- Provides a moisture-proof barrier that lubricates and protects electrical equipment from salt, dirt, and corrosion
- High dielectric strength
- 0.33 oz

# ..... 30536



**220**  
**HEN**



## VIPERLUBE® HIGH PERFORMANCE SYNTHETIC GREASE

- NLGI Grade 2/Severe Duty GC-LB Grease. NSF H1 rated for incidental food contact
- 10.1 oz

# ..... 36786



**220**  
**HEN**



## AIR TOOL OIL

- 10 weight, non-detergent oil

# ..... Size .....

1001-4 4 oz

1001-16 16 oz

1001-32 32 oz



**507**  
**MIL**



## COMPRESSOR OIL

- Working temperature: 20° F to 440° F

# ..... Size .....

1002 1 gallon

1002-32 32 oz Flip Top



**507**  
**MIL**



## CHAIN & WIRE ROPE LUBRICANT

- Specifically formulated blend of synthetic lubricants and an organic molybdenum, anti-wear additive that penetrates deep and leaves a tough film that lubricates and protects
- 284 g

# ..... 73050



**218**  
**CRC**



## BELT DRESSING

- Eliminates squeaks and prolongs belt life, prevents slippage and glazing, and removes oil, grease and glaze
- For use on all types of belts, such as serpentine, flat and v-type belts
- 213 g

# ..... 75350



**218**  
**CRC**



## FREEZE-OFF®

- The freezing effect cracks rusted surfaces allowing FREEZE OFF to reach deeper and work more effectively than other penetrants
- Drops the temperature of the area sprayed
- 326 g

# ..... 75222



**218**  
**CRC**



## ENGINE STOR® FOGGING OIL

- As fogging fluid, it protects outboard motors, marine engines & internal combustion engines. As long term metal protectant, it keeps pistons, rings & cylinder walls corrosion free
- Also protects electrical connections in use/storage
- 369 g

# ..... 75027



**218**  
**CRC**





## DRY GRAPHITE LUBRICANT

- Ideal where petroleum products must be avoided
- Resists dirt, dust and oil build-up
- Wide effective temperature range up to 850°F constant
- Gaskets, transfer belts, conveyor belts, motors, plant machinery and handling equipment, rubber moldings, high temperature, low load, or high rpm slides, rollers, wheels, gears, chains & hoists
- 320 g

# ..... 75101



218  
CRC



## POWER LUBE® MULTI-PURPOSE LUBRICANT

- Quickly penetrates, lubricates, stops squeals, fights corrosion & loosens rusted parts

#	Size
75005	454 g
75007	3.785 L
75009	19 L



218  
CRC



## HEAVY DUTY SILICONE® LUBRICANT

- Forms a colorless, odorless, non-staining film that lubricates & protects in most metal to non-metal applications
- Wood, metal and rubber surfaces
- Use in moist and harsh environments.
- Not for use as an appearance cleaner or on paint
- 213 g

# ..... 75074



218  
CRC



## DI-ELECTRIC GREASE

- A non-curing compound used for sealing, protecting & electrical insulating
- Improves electrical performance by reducing arcing, voltage drop & other conditions. Ideal for lubricating plastic & rubber.
- 93.55 g

# ..... 75106



218  
CRC



## AIR TOOL OIL

- 444 ml

# ..... 74095



218  
CRC



## WHITE LITHIUM GREASE

- Perfect for use as a break-in lubricant for bearings or as a general purpose lubricant and corrosion inhibitor for tools, machinery and equipment
- 454 g aerosol

# ..... 14200



218  
CRC





# OILS AND LUBRICANTS

## AIR TOOL OIL

#	Size
4168	4 L
4169	500 ml



201  
KLF



## POWER STEERING FLUID

- Meets the service fill requirements of all North American car and truck manufacturers, plus many imports except Honda and Audi vehicles
- For top-up or complete fill-up
- Prevents foaming
- Works at low temperatures and resists high temperatures



#	Size
583	350 ml
585	500 ml
586	1 L
587	4 L



## HYDRAULIC JACK OIL

- Paraffinic formulation for trouble free operation
- Retards rust and oxidation

#	Size
924	1 L
925	4 L



201  
KLF



201  
KLF

## KLEEN-SLIP SILICONE GREASELESS LUBRICANT

- Sticks safely on rubber, metal, wood, glass, most plastics and nylon
- Operates from -40°C to 204°C

#	Size
740	198 g
742	350 g



201  
KLF



## POWER STEERING FLUID & SEALER

- Prevents leaks and foaming

#	Size
684	350 ml
685	500 ml



201  
KLF



## WHITE GREASE

- High melting point sulphide system
- Designed to resist water washout
- Suitable where No. 2 grease is specified

#	Size
907	225 g
909	400 g
914	450 g



201  
KLF



## QUICK PENETRATING SOLVENT

- Quickly loosen bolts, nuts, screws and pipes

#	Size
804	4 L
805	20 L
807	285 g
809	205 L



201  
KLF







## ANTI-SEIZE LUBRICANT

- Brush top

#	Color	Size
38604	Copper	454 g
38605	Copper	8 oz
38619	Silver	8 oz
38620	Silver	16 oz



220

HEN



## HEAVY-DUTY ANTI-SEIZE

- Metal-Free with excellent lubricity
- Provides outstanding lubrication to all metals including stainless steel, aluminum, and soft metals up to 2400°F (1315°C)
- 1.2 lb. brush-top

# ..... 51606



220

HEN



## FREEZE & RELEASE

- Instantly freezes seized and rusted parts (bolts, nuts, studs)
- Range of -45°F (-43°C)
- Can be dismantled after 1–2 minutes penetration time
- 400 ml (13.52 oz.)

# ..... 996456



220

HEN



## GEAR, CHAIN AND CABLE LUBRICANT

- Protects and prolongs the life of gears, chains, wire rope, and cable
- Repels dirt, sand, and dust
- 12 oz

# ..... 81251



220

HEN



## MOLY DRY FILM LUBRICANT

- Resistant up to 750°F (400°C) as a dry film lubricant, 2400°F (1315°C) as an anti-seize
- 12 oz

# ..... 39895



220

HEN



## FLUID FILM® PENETRANT & LUBRICANT

#	Size
1450	145 g
3300	333 g
4300	20 L
3700	3.79 L



487

NLS



## NORTHLAND BREAK-THRU HEAVY DUTY FAST PENETRATING OIL

- Breaks loose rusted joints & bolts, controls rust, corrosion & squeaks
- Contains no silicones / teflons
- 370 g

# ..... C10



487

NLS





# OILS AND LUBRICANTS

## MPG – MULTI-PURPOSE GREASE WITH MOLYBDENUM

- Reduces wear and maintenance, provides extreme pressure properties, protects against oxidation and extends component life

#	Size
5970-A	400 g
5971	454 g



**417**  
**MLY**



## ANTI-SCUFF PASTE (AS/40)

- Prevents scuffing and scoring of mechanical components
- Provides extreme pressure protection
- Protects against galling and corrosion
- Extends component life
- Effective brake lube

#	Size
3350	85 g



**417**  
**MLY**



## COPASLIP® ANTI-SEIZE COMPOUND

- Will not harden or soften under extreme temperature and operating conditions
- Operating range from -40°C to +1100°C (-35°F to +2000°F)
- Prevents metal-to-metal contact
- Provides permanent protection against rust and corrosion



**417**  
**MLY**

#	Size
3471	57 g
3472	250 g
3473	454 g



## RUST PENETRANT

#	Description	Size
PF501	Heavy Duty Silicone	276 g Aerosol
PF508	Battery Terminal Sealer	284 g Aerosol



**075**  
**PFM**



## DEEP CREEP® PENETRATING LUBRICANT

- 100% petroleum formula quickly penetrates rusted parts, lubricates moving metal parts, disperses moisture, and cuts through grease, engine varnish and road tar
- 355 ml



# ..... DC-14

**241**  
**SEA**



## COPPER ANTI-SEIZE COMPOUND

- Semi-synthetic grease carrier
- Electrically conductive
- Inhibits rusting, cold welding and galvanic corrosion
- USA Mil-Spec A-907

#	Size
09127	227 g
09124	454 g



**203**  
**PTX**



## SILVER ANTI-SEIZE LUBRICANT

- Salt, corrosion and moisture resistant

#	Size
31875	5 g
133H	113 g
81464	241 g
76764	454 g



**203**  
**PTX**





## ULTRA SLICK® ENGINE ASSEMBLY LUBE

- Meets or exceeds OEM performance specs for engine assembly
- 118 ml

# ..... 81950



**203**  
**PTX**



## BELT DRESSING

- Prevents belt slippage due to heat, cold, dampness, dust and glazing
- Eliminates belt slipping and squealing
- 369 g

# ..... 120DA



**203**  
**PTX**



## CHAIN LUBE

- Aerosol
- Applications: motorcycle, bicycles, chain saws and any chain-driven vehicle or equipment
- 340 g

# ..... 29221



**203**  
**PTX**



## SUPER PENETRATING OIL

- Quickly loosens seized metal parts due to rust, corrosion, carbon, scale, paints and varnishes
- 340 g

# ..... 29219



**203**  
**PTX**



## SILICONE SPRAY LUBRICANT

- Lubricates and waterproofs all types of mechanical equipment
- Does not attract dust or dirt
- Protects and renews rubber mountings, bushings and weather-stripping
- 320 g

# ..... 29220



**203**  
**PTX**



## DIELECTRIC TUNE-UP GREASE

- Prevents voltage leakage around any electrical connection
- Protects electrical connections, ignition parts and wiring from moisture, salt, dirt and corrosion
- 85 g

# ..... 22065



**203**  
**PTX**



## DIELECTRIC TUNE-UP GREASE

#	Size
31880	5 g
67VR	9.5 g
22064	85 g



**203**  
**PTX**







# OILS AND LUBRICANTS

## STOP SLIP BELT DRESSING

- A spray on belt dressing for V-type and Flat Belts, which improves frictional characteristics of belt surfaces
- 170 g

# ..... M208C



205  
RAD



## DRY GRAPHITE

- Contains no oils or moisture-based diluents
- Inert to water, oils and alkalis
- Effective from -37°C to +537°C
- 325 g

# ..... BGS1



205  
RAD



## SUPER OIL

- Lubricates electric motors, locks, sewing machines etc
- 118 ml

# ..... L1004C



205  
RAD



## HYDRAULIC JACK OIL

# ..... J132C



205  
RAD



## SULFLO CUTTING OIL

- Suspends sulphur particles-speeding work by more than 50% and increasing tool life
- 946 ml

# ..... SUL2C



205  
RAD



## MULTI-PURPOSE WHITE LITHIUM GREASE

- 454 g

# ..... L666



205  
RAD



## LIQUID WRENCH® INDUSTRIAL CHAIN LUBRICANT WITH MOLY

- Withstands high temperatures and adheres to surfaces under high RPM's
- Sprays on and penetrates like oil, sets like grease
- 350 g

# ..... L716C



205  
RAD



## LIQUID WRENCH® DRY LUBE WITH PTFE

- Long Lasting dry lubricant film
- Superior lubricity with no oily residue
- 311 g

# ..... L512C



205  
RAD





## LIQUID WRENCH® PENETRANT

- Quick-acting, fast-penetrating solvent that loosens rusted nuts, bolts and parts in seconds
- 118 ml

#.....L104C



**205**  
**RAD**

## LIQUID WRENCH® SUPER PENETRANT

- Quick-acting, fast penetrating solvents that loosens rusted nuts, bolts, and parts in seconds

#.....Size  
L106C 170 g Aerosol



**205**  
**RAD**

## LIQUID WRENCH® SUPER LUBRICANT

- Frees rusted parts and helps stop corrosion
- Displaces water from wet surfaces and leaves a rust inhibiting film
- It dries out engines, spark plugs, coils, switches and wiring. Harmless to fabrics, plastic, leather
- Similar product to WD40, CRC and LPS
- 312 g

#.....L212C



**205**  
**RAD**

## LIQUID WRENCH® NON-FLAMMABLE SUPER LUBRICANT

- Aerosol applicator and spray tube
- Fast penetrating solvents free rusted and frozen bolts and parts
- Rust inhibitor protects metal parts from corrosion
- PTFE increases lubricity
- 311 g

#.....L312C



**205**  
**RAD**

## LIQUID WRENCH® HEAVY DUTY SILICONE LUBRICANT

- Stops squeaks, rust and corrosion
- Brightens rubber, vinyl and leather, and protects aluminum and chrome from pitting
- 311 g

#.....M914C



**205**  
**RAD**

## LIQUID WRENCH® WHITE LITHIUM GREASE

- Aerosol sprays on as a liquid, and then sets up as lubricating grease that will not melt, run, wash off or freeze
- 290 g

#.....L616C



**205**  
**RAD**



# OILS AND LUBRICANTS

## POWER STEERING FLUID

- Meets service requirements of GM, Ford, and Chrysler
- 500 ml

# ..... M2716C



205

RAD



## HONDA POWER STEERING FLUID

- For Honda Vehicles has been blended with detergent additives, anti-foaming agents and an anti-wear additive
- 341 ml

# ..... M2714HC



205

RAD



## SYNTHETIC POWER STEERING FLUID

- Meets most European and Japanese OEM specifications
- Suitable for power steering, central hydraulic systems, level control, hydro-pneumatic systems
- 354 ml

# ..... M2712SC



205

RAD



## POWER STEERING FLUID

- 946 ml

# ..... M2732C



205

RAD



## MULTI-PURPOSE LUBRICANT

# ..... Size

01105 155 g

01110 3.78 L

01111 311 g

01122 342 g

01211 311 g



269

WD4



## SMART STRAW LUBRICANT

- Features a permanently attached straw that sprays two ways: simply flip it up for a precision stream and down for a regular spray action
- 325 g

# ..... 01153



269

WD4



## SPRAY APPLICATOR

- 473 ml

# ..... 01100



269

WD4







## 3-IN-ONE® WHITE LITHIUM GREASE

• 290 g

# ..... 01142



## 3-IN-ONE® HOUSEHOLD OIL

• 88.7 ml

# ..... 01135



## 3-IN-ONE® SILICONE SPRAY LUBRICANT

• 311 g

# ..... 01141



## 3-IN-ONE® GARAGE DOOR LUBRICANT

- Lubricates pulleys, bearings, springs, chains and door tracks
- No oily mess, works fast and dries quickly

# ..... 01143



## FIFTH-WHEEL GREASE

#	Size
01086-30	15.876 kg
01086-34	237 ml



## CASTROL CHAINLUBE

- Penetrates and cleans chains
- 250 g

# ..... 0167-99



## PYROPLEX®

### Pyroplex Blue

- Enhanced load carrying ability is coupled with dramatic oxidative characteristics
- High temperature structural stability for heavily loaded bearings

### Pyroplex Red

- High temperature, EP, lithium complex grease
- For automotive, fleet, industrial, farm and off-highway applications

#	Size
01049-19	Blue 14oz (cartridge)





# OILS AND LUBRICANTS

## CASTROL MP MULTI-PURPOSE CHASSIS GREASE

- NLGI #2 lithium based water resistant grease for automotive and light truck applications

#	Size
00969-81	400 g cartridge
00969-55	450 g cartridge
00969-02	2 kg
00969-18	55 kg



## POWER STEERING FLUID

- Suitable for most power steering systems
- 500 ml

# ..... 00789-47



## SYNTEC GEAR OIL

- Synthetic formula provides protection, durability and performance
- Surpasses conventional API GL-5 and MT-1 gear oils
- Superior high and low temperature performance
- Improved thermal stability
- Meets the requirements of Mack GO-H/S

#	Size
02016-11	60.57
02016-75	946 ml



## HYPO C GEAR OIL

- Provides excellent performance in a manual transmissions and differentials
- Exceeds API GL-5 and MT-1 performance specifications
- Meets the service fill requirements of conventional and limited slip differentials

#	Size
00658-75	946 ml
00658-31	4 L
00658-10	20 L
00658-11	60 L
00658-05	205



## SNOWMOBILE INJECTOR OIL

- Meets the engine protection of all makes of snowmobiles including APITC or NMMA TC-VV3 specifications
- Exceeds API Service TC
- 4 L



# ..... 00174-31



## SYNGEAR®

# ..... 01024-30

- Heavy-duty synthetic Gear Oil
- Cold weather performance and stability
- API GL-5, API MT-1 (75W-90), Mack Go-J Plus (75W-90), MIL-PRF-2105E. Accepted by Eaton-Rockwell for use with their Extended Warranty programs

## SYNGEAR® CD-50

# ..... 01025-59

- Improved load carrying capacity, wear, thermal & oxidative stability
- Lower running temperatures
- Improved low temperature operability for gear shift, cold starts, equipment durability & fuel economy
- 18.93 L





## 2-STROKE MOTORCYCLE OIL

- Recommended for both injection and pre-mix systems, suitable for use in 2-stroke motorcycles, scooters, ATV's, and others
- High-detergent formulation
- Meets APITC and JASO FB

#	Size
00020-48	250 ml
00020-47	500 ml
00020-42	1 L



**212**  
**CAS**

## GRAND PRIX MOTORCYCLE 2-STROKE OIL

- Recommended for both injection and pre-mix systems
- Helps prevent ring sticking, plug fouling and port clogging
- Contains a dye mixing reminder
- Exceeds SAE miscibility/fluidity grade 2

# 00980-42



**212**  
**CAS**

## SNOWMOBILE OIL

- 50:1 mix or injector
- Meets APITC or NMMA,TC-W3 specs; exceeds API service TC
- Low ASL detergent additive helps prevent hard carbon, varnish and lacquer deposits
- Corrosion inhibitors
- 1 L

#	Size
00174-42	1 L
00174-47	500 ml



**212**  
**CAS**

## POWER STEERING FLUID

- Meets or exceeds technical specifications GM9985010, DaimlerChrysler MS5931 and Ford ESW M2C128D

#	Size
15-881	1 L
15-883	350 ml



**424**  
**REC**

## OUTBOARD MOTOR OIL

- Certified by NMMA for use in all water cooled 2-cycle outboard engines where TC-W11 or TC-W3 oils are recommended
- Recommended for oil injected and pre-mix systems
- Fuel/oil mixing ratios of up to 100:1
- Exceeds SAE miscibility/fluidity grade 3

#	Size
01547-31	4 L
01547-47	500 ml



**212**  
**CAS**

## CHAIN SAW OIL

- Better ability to resist throw off
- Good resistance to chain corrosion
- Increased chain life
- Better metal surface coverage and protection

#	Grade	Size
14-004	Light	3.78 L
14-204	Heavy	3.78 L



**424**  
**REC**





# OILS AND LUBRICANTS

## SUPER LUBE® MULTI-PURPOSE AEROSOL

- With Syncolon® (PTFE), USDA/NSF listed, rated H-1 for use in federally inspected meat and poultry plants

#	Size
31110	11 oz
31040	6 oz



213

CDI



## SUPER LUBE® OIL WITH PTFE (HIGH VISCOSITY)

- With Syncolon® (PTFE)
- Blend of premium synthetic PAO oil, Mineral oil, PTFE micron sized powder and powerful additives that provide superior lubrication protection against friction, wear, rust and corrosion
- Safe on metal, rubber, plastic, wood, leather, fabric and painted surfaces
- USDA/NSF listed H-1 for incidental food contact

# ..... 51010



213

CDI



## SUPER LUBE® MULTI-PURPOSE SYNTHETIC GREASE

- USDA/NSF listed Food Grade lubricant NLGI-2, rated H-1 for incidental food contact
- Will not run, drip, melt or separate
- Range of -45°F to +450°F
- Compatible with most other lubricants
- Lasts 3 to 4 times longer than conventional grease

#	Size
41150	400 g
41160	400 g
21030	3 oz



213

CDI



## SUPER LUBE® ANTI-CORROSION GEL

- High molecular weight synthetic connector gel used as a dielectric compound and as a corrosion inhibitor for plugs, connectors, electrical terminals, electrical fittings, spark plugs and coil connectors

# ..... 82003



213

CDI



## SEMI-SYNTHETIC ASSEMBLY LUBE

- Use to pre lube camshaft, bearings, lifters and valve train
- Prevents seizing, galling and scuffing
- Perfect for engine building
- Contains Zinc, Moly and other extreme pressure additives for maximum protection during engine break-in
- Compatible with all oils, conventional or synthetic

#	Size
10153	8 oz
10152	4 oz



277

LUC





## SEMI-SYNTHETIC AUTOMATIC TRANSMISSION FLUID

- Smooth, precise shifting
- Prevents wear and tear
- 1 quart

# ..... 20052



277

LUC



## RED 'N' TACKY GREASE

- Fortified with a high degree of extreme pressure additives
- Provides a TRUE Timken load much higher than other greases
- Rust and oxidation inhibitors
- Water resistant
- 397 g

# ..... 20005-60



277

LUC



## TOOL BOX BUDDY

- Extends tool life
- Protects under extreme operating temperatures
- Disperses water and resists blowout
- 2 oz

# ..... 10070



277

LUC



## X-TRA HEAVY DUTY GREASE

- Lasts four times longer than regular grease
- Virtually waterproof
- All temperature stable

# ..... Format

20330 1 lb

20301-60 14,5 oz



277

LUC



## HEAVY DUTY 85/140 GEAR OIL

- This formula is fortified with special anti-wear agents and lubricity agents to control wear and drag as well as special additives to control heat
- This feature is not found in ordinary gear oils
- 1 quart

# ..... 20042



277

LUC



## HUB OIL

- Stop leaks in steering axles and trailer hubs on heavy duty trucks
- Prevents downtime
- Extremely heat resistant

# ..... 20088



277

LUC



## HEAVY DUTY 80/90 GEAR OIL

- Fortified with special anti-wear agents and lubricity agents to control wear and drag as well as special additives to control heat
- These features are not found in ordinary gear oils

# ..... Size

20043 1 quart

20046 1 gallon



277

LUC



## 5TH WHEEL AND SLIDER LUBE

- Inexpensive alternative to grease for 5th wheels and sliders
- Virtually waterproof
- Lasts twice as long as grease
- Eliminate greasy mess on chassis and air hoses
- 16 oz

# ..... 20030



277

LUC





# OILS AND LUBRICANTS

## AIR TOOL LUBRICANT AND TOOL BOX BUDDY

- It combats rust and varnish and coats the working parts with a cushion of waterproof lubricants that resist blowout
- Protects under extreme operating temperatures
- Disperses water

#	Size
---	------

20200	1 quart
-------	---------

20216	1 pint
-------	--------

## AIR TOOL LUBRICANT

- Protects under extreme operating temperatures
- Disperses water and resists blowout
- 475 ml

#	10200
---	-------



277

LUC



## 75/90 SYNTHETIC GEAR OIL

- Non-foaming, super slick, long lasting lubricant
- For heavy duty or high performance applications
- Withstands high temperatures

#	Size
---	------

20047	1 quart
-------	---------

20048	1 gallon
-------	----------



## SYNTHETIC 75/140 GEAR OIL

- Designed to stand up to high temperatures without losing its lubricity
- High performance

#	Size
---	------

20121	1 quart
-------	---------

20122	1 gallon
-------	----------



277

LUC



277

LUC

## SEMI SYNTHETIC 2-CYCLE OIL

- Clean burning "Smokeless"
- Meets requirements for "low smoke" oils
- Suitable for use in air-cooled engines
- Surpasses Mercury, Evinrude and Johnson Motors requirements
- Prevents carbon deposits
- Prevents piston burning and corrosion caused by combustion residue
- Meets ISO GD and JASO FD
- Exceeds API TCA

#	Size
---	------

20110	1 quart
-------	---------

20115	1 gallon
-------	----------

20120	1 pint
-------	--------



## SEMI-SYNTHETIC 2-CYCLE LAND & SEA OIL

- Surpasses Mercury, Evinrude and Johnson Motors requirements
- Expect longer ring life, less fuel consumption and no filter clogging
- Prevents piston and cylinder scuffing
- Mix ratio is 50:1. A "TRUE" smokeless formula
- 946 ml

#	20467
---	-------



277

LUC



277

LUC







## HIGH PERFORMANCE GEAR LUBRICANT

- SAE 80W-90 EP (API GL-5)
- Anti-rust characteristics
- High oxidation stability

#	Size
29062	946 ml
11043	20 L
11052	60 L



217

QKR

## FULL SYNTHETIC GEAR LUBRICANTS

- For vehicles with manual transmissions and conventional or limited slip (GL-5 only) differentials, especially where extremely low temperature shifting can be a problem
- For high performance and heavy-duty applications
- Thermally stable
- Reduces bearing and gear distress
- Minimizes chatter, oxidation and foaming

#	Description	Size
5062869	SAE 75W-140 (API GL-5)	946 ml
5066713	SAE 75W-90 (API GL-5)	946 ml
5036425	SAE 75W-140 (API GL-5)	19 L



217

QKR

## 2-CYCLE MOTOR OILS

- 2-Cycle NMMA Certified Service (TC-W3, F/M 4)
- Premium formulation blended from high viscosity index, paraffin base stocks
- A coupling agent to enhance oil-gasoline mixtures



217

QKR

#	Size
11079	500 ml
550023769	5 L



## FULL SYNTHETIC EP GREASE

- NLGI GC-LB
- Purple
- Contains a lithium complex soap thickener
- High ASTM dropping point, water resistant
- Suitable for ABS systems and heavy-duty industrial applications where an NLGI No. 2 grease is specified
- 397 g



# 5063365



217

QKR

## CONVENTIONAL GREASES

#	Description	Format
11023	Multi-Purpose Grease & Wheel Bearing Lubricant (NLGI GC-LB)	400 g
11025	Multi-Purpose Lubricant Lithium EP (NLGI LB)	400 g
26084	Multi-Purpose Grease & Wheel Bearing Lubricant (NLGI GC-LB)	1454 g
24084	Multi-Purpose Grease & Wheel Bearing Lubricant (NLGI GC-LB)	1.8 kg
32084	Multi-Purpose Grease & Wheel Bearing Lubricant (NLGI GC-LB)	16 kg



217

QKR



# OILS AND LUBRICANTS

## POWER STEERING FLUID

- Meets specifications for GM 9985010, Ford M2C-128C&D, AM406C, and Saginaw steering gear 5691754
- Protects against breakdown caused by wear, oxidation and foaming
- Assures subzero steering performance
- 350 ml

# ..... 17110



162  
STP



## MULTI-PURPOSE GREASE /GM

- Lubricates at temperatures ranging from -40°F to 400°F
- NLGI #2 Grade GC-LB Lithium Complex EP Grease
- GM 1051344; NLGI GC-LB; Supersedes GM 1051195
- 450 g

# ..... 504971



210  
VAL



## VALPLEX EP® GREASE

- Extreme protection, use for wheel bearings, suspension & universal joints
- NLGI 2 Lithium complex grease
- Superior resistance to water wash-out
- 500 g

# ..... 504972



210  
VAL



## CRIMSON™ GREASE

- Multi-purpose lithium soap grease designed for commercial fleets, dyed red for easy identification
- Contains select extreme pressure additives to protect and lubricate during heavy shock loading periods

# ..... Format

VV70120 55 kg

VV701240 400 g

# ..... VV985



210  
VAL



210  
VAL



## SYNPOWER® FULL SYNTHETIC GEAR OIL

- Contains additives to assist in protecting gear teeth
- Maintains excellent low temperature fluid protection down to -50°F (-46°C)
- Contains special additives to reduce chattering in limited-slip differentials
- Recommended for (conventional and limited slip) manual transmissions where an API GL-5 or MT-1 fluid is specified

#	Description	Size
VV975	75W-90	946 ml
VV982	75W-140	946 ml



210  
VAL





## SYNTHETIC GEAR OIL

- Available in SAE 75W-90 viscosity grade of either API GL-4 or API GL-5 and also 75W-140 GL-5 service classifications
- API GL-5 product is suitable for use in limited-slip differentials



**221**  
**PEN**

#	Description	Size
56076	SAE 75W-90 (GL-4)	946 ml
4469	SAE 75W-90 (GL-5)	19 L
5066747	SAE 75W-90 (GL-5)	946 ml
5036403	SAE 75W-140 (GL-5)	19 L
5066748	SAE 75W-140 (GL-5)	946 ml



## GEARPLUS® MULTI-PURPOSE GEAR LUBRICANT

- Suitable for use in hypoid or spiral bevel gear differentials and industrial gear units where API Service GL-5 and SAE 80W or 80W-90 viscosity grades are specified
- Especially suited for limited-slip differentials as make-up or refill fluid
- Excellent replacement fluid for rebuilt limited-slip units



**221**  
**PEN**

#	Description	Size
4964	SAE 80W-90 (GL-5, MT-1)	19 L
4965	SAE 80W-90 (GL-5, MT-1)	60 L
2741	SAE 80W-90 (GL-5, MT-1)	946 ml



## MULTI-PURPOSE 302EP BLACK GREASE WITH MOLY

- Ideal for steering and suspension parts, ball joints and wheel bearings of vehicles equipped with conventional brakes (excluding disc brakes)
- Can be used for boat-trailer wheel bearings
- Water-resistant

# ..... 7717



**221**  
**PEN**



## POWER STEERING FLUID

- Provides protection in domestic and most foreign automobile power steering systems
- Check owner's manual for exact recommendations.
- 350 ml

# ..... 2747



**221**  
**PEN**



## PREMIUM WHEEL BEARING 707L RED GREASE

- High dropping point
- Excellent lubricant for vehicles with disc brake and ABS systems and ideal for chassis lubrication

# ..... 79167



**221**  
**PEN**



## SUPER HEAVY DUTY DOT 3 BRAKE FLUID

- Suitable for use in all ABS, disc and drum brake systems
- Formulated from glycol and glycol ether
- High boiling point with thermal stability
- Meets or exceeds requirements of Chrysler and General Motors
- 350 ml

# ..... 2745



**221**  
**PEN**







# OILS AND LUBRICANTS

## FOOD GRADE SCREW COMPRESSOR OIL

- Authorized by the USDA for use in federally inspected meat and poultry plants
- Complies with the requirements of 'FDA 21CFR 178.3570' for lubricants with incidental food contact
- Kosher certified



670

DVA

#	Description	Size
DEV-3500	30 Weight, ISO 100	5 gallons
DEV-3501	30 Weight, ISO 100	1 gallon

## SYNTHETIC COMPRESSOR OIL

- Maximizes compressor life by operating at cooler temperatures with superior film, strength, lubricity, and corrosion protection
- Preferred lubricant for both high and low temperature applications
- 4 L



670

DVA

# OJ2000



## COMPRESSOR OIL

- Specially formulated and approved for use in Devair compressor pumps
- Helps to reduce corrosion and carbon build up and extend overall compressor life
- Meets Devair pump warranty specifications



670

DVA

#	Weight	Size
PR-20-4	20	4 L
PR-30-4	30	4 L
PR-30-K4	30	4 L



## SYNTHETIC ROTARY SCREW COMPRESSOR OIL

- Maximizes compressor life by operating at cooler temperatures with superior film, strength, lubricity, and corrosion protection
- Preferred lubricant for both high and low temperature applications



670

DVA

#	Size
DEV-3000-K1	1 gallon
DEV-3000	5 gallons





## JERRYCANS

#	Model No.	Description	Litres	Gallons
07539	AB25	Gas	25	6.6
07622	AB20	Gas	20	5.3
07079	AB10	Gas	10	2-1/2
07081	AB5	Gas	5	1-1/4
07649	D20	Gas	20	5.3
03609	RV520	Gas Jeep Style	20	5.3
03711	D520	Diesel Jeep Style	20	5.3
07624	K20	Kerosene	20	5.3
04933	N/A	Military (Water)	20	5.3



830

SCE



## CHAINSAW COMBO CAN

• J63 6L Gas / 2.25L Oil

# 03615



830

SCE



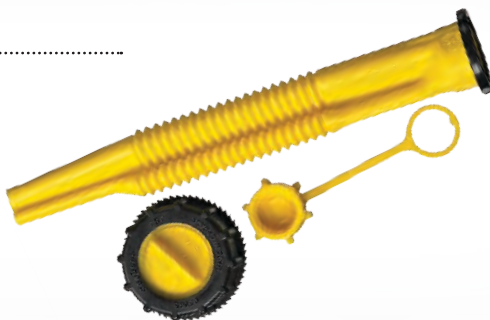
## REPLACEMENT PARTS

#	Description
03583	3-pc kit w/out flexible spout
03647	4-pc kit w/out flexible spout
03629	Flexible spout only



830

SCE





## STOP FLOW SPOUT

# ..... 03632



830  
SCE

## GAS CAN STOPPERS

• 3 per pack

# ..... 08499



830  
SCE

## MAXFLO™ FLO N'GO PUMPING SYSTEM

# ..... 08338



830  
SCE

## DRAIN PANS

#	Model	Description	Litres	Gallons
03894	DPI184	Round	18	5
06985	DPI155	Square	18	5
06976	DPI15A	Square (green)	18	5
06984	DPI12	Closed	11.4	3



830  
SCE

## POLYPROPYLENE BATTERY BOX

#	Size (in)
03796	10.75 × 7.25
03797	12.875 × 7.25



830  
SCE





## 26-PIECE TORSION SCREWDRIVER BIT PRO SET

- Includes 1/4" quick change extension
- Torsion cold forged manufacturing process creates superior fitment
- Specially heat treated for hardness = durability
- Cylindrical body geometry allows for greater torque load
- Greater fitment, torque rating, and prolonged life and durability



835

VIS

#.....4935548

## 40-PIECE SCREWDRIVER BIT SET

Includes:

- 1" insert bits: #1 Phillips(2), #2 Phillips(7), #3 Phillips(2), #1 Square Recess(1), #2 Square Recess(5), #3 Square Recess(1), 6-8 Slotted(1), 8-10 Slotted(1), 10-12 Slotted(1), TORX® T10(1), T15(1), T20(1), T25(1), T27(1), T30(1), T40(1), Hex Head 3/32"(1), 7/64"(1), 1/8"(1), 9/64"(1), 5/32"(1), 3/16"(1), 7/32"(1)
- 2" power bits: #2 and #3 Phillips(1 each), #2 and #3 square recess(1 each)
- 2-1/4" magnetic bit holder

#.....3057018



835

VIS

## 41-PIECE SCREWDRIVING BIT SET

- Shank Size 1/4 In,
- Includes Insert Bits(2) #1 (6) #2, (2) #3, Square 1 #1 (4) #2 (1) #3 | Each 6-8, 8-10, 10-12, (2) 6 In #2, Power Bits(1) #1, (3) #2, (2) #3 | Each 8-10, 10-12, Square #1, (3) #3, (2) #3, (2) Magnetic Bit Holders, 1/4 In and 5/16 In Nut Setters

#.....3057041



835

VIS

## 31-PIECE FASTENER DRIVE TOOL AND SPEEDBOR® BIT SET WITH SOFT CASE

- Patented Blue-Groove® point and cutting edge for faster chip removal
- Secure inserts
- S2 tool steel

#.....3057031



835

VIS



## UTILITY KNIFE

- Patented auto blade lock
- Hinged end cap with snap closure
- Storage conveniently holds 3 extra blades
- Stainless steel blade guide

#	Length (mm)
2086100	9
2086102	18



**835**  
**VIS**

## BLUE BLADE™ BI-METAL UTILITY KNIFE

- Quick change button
- Belt clip
- Wire stripper notch

# ..... 2089100



**835**  
**VIS**

## SAFETY KNIFE

- Self-retracting spring action
- Two blade positions - 2mm extension for box cutting and full extension for general use
- Tool-free entry

# ..... 2088600



**835**  
**VIS**

## PROTOUCH™ SNAP KNIVES

- Solid cast aluminum
- Easy discharge of used blades and automatic reload of new blade

# ..... Size (mm) .....  
2086200 9



**835**  
**VIS**

## BI-METAL SNAP BLADES

- High-speed steel delivers a hardened cutting edge that stays sharp 3x longer than carbon blades

#	Description (mm)	Qty/ Pack
2086403	18	3
2086405	18	50



**835**  
**VIS**

## BI-METAL SAFETY BLADES

- Blunted ends inhibit puncture wounds
- Speed tip penetrates surfaces easily

# ..... Qty/ Pack .....  
2088100 5



**835**  
**VIS**



## PROFESSIONAL MANUAL PUMP & SPRAYER

- Compressed air/manual pump and sprayer features a wide mouth on sprayer tank, a heavy-duty metal pump plunger-rod, adjustable nozzle and large handle, 0.75 L



069

FBS

#	Description
50100	Viton
50101	EPDM



## PUMP & SPRAYER

- Compressed air/manual pump and sprayer, 1.6 L



069

FBS

#	Description
50400	Viton
50401	EPDM



## BIRCHMEIER PUMP & SPRAYER

- Chemical applicator; ideal for spraying and foaming solutions and dispensing a wide range of chemical products for automotive
- Fan jet stainless steel nozzle, acid resistant, 30° C max temp, 29 PSI
- 1.5 L



069

FBS

#	Description
50800	Viton (red) o-ring
50801	EPDM (blue) o-ring



## BMS2010/PA PISTON PUMP SPRAYER

- Super Maxi 1.0 solvent resistant sprayer is designed to handle the application of aggressive solvents, wax and grease removers
- Fan-jet nozzle adjusts from stream to mist, special BMS2010 o-ring, 50° C max temp., 176.0 PSI
- 1 L



069

FBS

#	Description
50330	



## REPAIR KITS FOR PUMP & SPRAYER

- Includes nozzle

#	Description
50170	Viton
50180	EPDM



069

FBS







## SUPER MET-AL MARKER™

- Metal tip permanent marker with oil-based paint for all surfaces
- Ultra fine tip for precision marking (1.4mm)
- Quick drying
- Waterproof
- Heat resistant up 316 °C (600 °F)

#	Color
M1600	Green
M1500	Blue
M1323	Black
M1324	Yellow
M1326	Red
M1295	White



**150**  
**AME**



## PUMP ACTION MARKER

- Industrial quality marker for most surfaces
- Quick drying
- Long lasting fibre tip
- Bright opaque colour

#	Color
M4002	Black
M4001	Yellow
M4003	Red
M4000	White



**150**  
**AME**



## INDUSTRIAL FUNNELS

- Made of flexible, durable, spark-proof, dent-proof, rust-proof, clear polyethylene
- Features a handy hang-up tab and one 100 mesh filter



**622**  
**DYL**

#	Size (in)	Capacity
13003	3	6 oz (177 ml)
13005	5	24 oz (710 ml)
13009	9	144 oz (4.26 L)



## ANTI-SPLASH FUNNEL

- Flexible clear polyethylene
- Spark-proof
- Hang-up tab
- 100 mesh filter



**622**  
**DYL**

#	Size (in)	Capacity
13015	5	24 oz (710 ml)
13019	9	144 oz (4.26 L)



## FUNNEL SET

#	Description (in)
13503	4, 5, 6
13511	2, 3, 4, 5



**622**  
**DYL**





## REPLACEMENT FUNNEL FILTER

- 2"
- 100 Mesh # ..... 13100.



622

DYL



## MULTI-PURPOSE FUNNELS

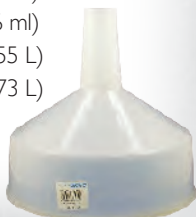
- Flexible clear polyethylene
- Spark-proof
- Hang-up tab

#	Size (in)	Capacity
13504	4	8 oz (237 ml)
13505	5	14 oz (414 ml)
13506	6	32 oz (946 ml)
13508	8	120 oz (3.55 L)
13510	10	160 oz (4.73 L)



622

DYL



## 2-IN-1 FLEXIBLE SPOUT FUNNEL

- Mesh filter
- 10" detachable spout

# ..... 14015.



622

DYL



## SUPER FUNNEL

- 18" length

# ..... 14018.



622

DYL



## AUTOMOTIVE FUNNEL

- Flexible clear polyethylene
- Spark-proof
- Hang-up tab
- 100 mesh filter

#	Size (in)	Capacity
13008	8	120 oz (3.55 L)



622

DYL



## TRACTOR FUNNEL

- Heavy duty galvanized steel
- Gold mesh filter

#	Diameter (in)	Capacity (qt)
13811	9-1/2	8 (7.5 L)



622

DYL



## OFFSET TRANSMISSION FUNNELS

- Gold mesh filter

#	Diameter (in)	Capacity
14007	7	2 L
14008	7	2 L



622

DYL





## TRANSMISSION FUNNEL

- Galvanized metal
- 14" Length
- Mesh filter

# ..... Diameter (in) .....  
14014 5



**622**  
**DYL**

## TRANSMISSION FUNNEL

- 16" detachable spout

# ..... 14017



**622**  
**DYL**

## INDUSTRIAL PUMP OILERS

- Seamless steel body
- Brass pump mechanism
- Supplied with flexible and rigid metal spouts

#	Description	Capacity
13604	Pistol	4.4 oz. (125 cc)
13607	Thumb Pump	7 oz. (200 cc)
13610	Thumb Pump	10.6 oz. (300 cc)
13617	Thumb Pump	17 oz. (500 cc)
13624	Thumb Pump	24 oz. (700 cc)



**622**  
**DYL**



## BATTERY FILLER

- Safety nozzle/push-in style
- Automatic shut-off

# ..... Capacity .....  
14014 1/2 gal (2 L)



**622**  
**DYL**



## RADIATOR FILLER

- 2-1/2 gal. (9.46 L)

# ..... 14030



**622**  
**DYL**



## MEASURER W/O LID

- Imperial & Metric
- 84 oz. (2.5 L)

# ..... 14025



**622**  
**DYL**



## MEASURER W/LID & NOZZLE

- Suitable for water, oil, gasoline and anti-freeze

# ..... Capacity .....  
14040 1 gallon (4 L)  
14045 152 oz (4.5 L)



**622**  
**DYL**







# TOOLS AND SHOP ACCESSORIES

## METAL MEASURER

- Heavy duty galvanized steel
- Flex spout
- 4 quarts (4 L)



# ..... 14140



**622**  
**DYL**

## RATIOMASTER™ MIXING CUP

- Revolutionary patented mixing cup
- Accurately measures 2 cycle ratios: 25:1, 32:1, 40:1 and 50:1



**622**  
**DYL**



# ..... 14027

## HIGH-DENSITY POLYETHYLENE DRAIN PANS

#	Diameter (in)	Capacity
14022	23-1/2	16 L
14023	32	24 L



**622**  
**DYL**

## 3-PIECE UNIBIT DRILL BIT SET

- Single-flute cutting edge for greater control
- 3 flatted shank prevents slipping in drill chuck
- Non-skid self-starting tip eliminates skidding and the need for center punching
- Full lifetime warranty

#	Tip
10502CB	Speedpoint
10502ZR	Standard



**835**  
**VIS**



## UNIBIT COBALT STEP DRILL BIT

- 6X longer life vs. the competition
- M35 grade Cobalt HSS
- Radial concave flute
- Speedpoint™ tip
- Laser-marked sizes

#	Description	Holes (in)	Steps	Increments (in)
10231CB	#1	1/8 - 1/2	13	1/32
10232CB	#2	3/16 - 1/2	6	1/16
10233CB	#3	1/4 - 3/4	9	1/16
10234CB	#4	3/16 - 7/8	12	1/16
10220CB	#20	9/16 - 1	8	1/16 (+)



**835**  
**VIS**



## UNIBIT STEP DRILL SET

- Non-skid self-starting tip eliminates skidding and the need for center punching
- Single-flute cutting edge for greater control
- 3 flatted shank prevents slipping in drill chuck

#	Contents
10225	4-piece set includes HSS #1, 2, 4, and 21 sizes




**835**  
**VIS**



## HIGH SPEED STEEL FRACTIONAL HOLE ENLARGING DRILL BIT


- Single-flute cutting edge for greater control
- 3 flatted shank prevents slipping in drill chuck
- A true round hole every time
- Ideal for drilling holes into thin materials such as stainless steel, copper, brass, aluminum, plastic and laminates
- Pilot hole required

<b>IRWIN</b>	<b>835</b>	#	Description	Holes (in)	Steps	Increments (in)
	<b>VIS</b>	10220	#20	9/16 - 1	8	1/8
		10221	#21	13/16 - 1-3/8	10	1/8



## HIGH SPEED STEEL FRACTIONAL SELF-STARTING BIT

- New Speedpoint™ tip penetrates faster
- Single-flute cutting edge for greater control
- Hex shank prevents slipping in drill chuck
- Ideal for drilling holes into thin materials such as stainless steel, copper, brass, aluminum, plastic and laminates

<b>IRWIN</b>	<b>835</b>	#	Description	Holes (in)	Steps	Max. Thickness (in)
	<b>VIS</b>	10231	#1	1/8 - 1/2	13	1/8
		10232	#2	3/16 - 1/2	6	3/8
		10233	#3	1/4 - 3/4	9	1/8
		10234	#4	3/16 - 7/8	12	1/8
		10235	#5	1/4 - 1-3/8	10	1/8
		10239	#9	7/8 - 1-1/2	2	1/8
		10310	#10	1/2	N/A	N/A
		10314	#14	1-7/32	N/A	N/A
		10311ZR	#12	7/8	11	N/A
		10312ZR	#12	3/8	N/A	N/A
		10313ZR	#13	1-1/8	N/A	N/A



## TITANIUM METRIC SELF-STARTING BIT

- New Speedpoint™ tip penetrates faster
- Single-flute cutting edge for greater control
- 3 flatted shank prevents slipping in drill chuck
- Ideal for drilling holes into thin materials such as stainless steel, copper, brass, aluminum, plastic and laminates

<b>IRWIN</b>	<b>835</b>	#	Description	Holes (mm)	Steps	Max. Thickness (mm)
	<b>VIS</b>	16104	#4MT	4 - 22	10	5



## TITANIUM FRACTIONAL SELF-STARTING BIT

- New Speedpoint™ tip penetrates faster
- Single-flute cutting edge for greater control
- 3 flatted shank prevents slipping in drill chuck
- Ideal for drilling holes into thin materials such as stainless steel, copper, brass, aluminum, plastic and laminates

<b>IRWIN</b>	<b>835</b>	#	Description	Holes (in)	Steps	Max. Thickness (in)
	<b>VIS</b>	15104	#4T	3/16 - 7/8	12	1/8





## LEFT-HAND COBALT HIGH SPEED STEEL DRILL BIT SET

- 5-piece pouched set includes drill bit sizes 5/64", 1/4", 19/64", 5/32", and 7/64"
- Constructed of M-42 8 percent cobalt high speed steel
- Mechanics Length
- 135° split point

# ..... 30520



835

VIS

## HIGH SPEED STEEL LETTER SIZE STRAIGHT SHANK DRILL BIT

- M-2 high speed steel
- Jobber Length
- 118° point

#	Size	Twist Length (in)	Overall Length (in)
40117	Let. Q	3-1/16	4-3/4
40118	Let. R	3-1/16	4-3/4
40121	Let. U	3-5/8	5



835

VIS

## 11-PIECE RECIPROCATING SAW BLADE KIT

- Bi-Metal Blades
- Contains metal and wood cutting blades for most cutting applications

# ..... 4935496



835

VIS

## 6-PIECE JIG SAW BLADE SET

- For wood and metal

# ..... 3072001



835

VIS

## NAIL EMBEDDED WOOD CUTTING RECIPROCATING BLADES

- Use with materials 3/16" (5 mm) and thicker
- Bi-metal construction
- 8% Cobalt keeps teeth sharp longer



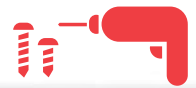
#	Material	Length (in)	TPI	Blade Thickness (in)	Qty/Pack
372156P5	Bi-metal	12	6	.050	5
372656P5	Bi-metal	6	6	.050	5
372956P5	Bi-metal	9	6	.050	5



835

VIS





## METAL CUTTING RECIPROCATING BLADES WITH WELDTEC

- Cuts all metals including non-ferrous, pipe, conduit, stainless and sheet metal
- Cuts 1/8" - 1/2" (3.2 - 13 mm) thickness
- Bi-metal
- Weldtec tooth design makes the blade stronger and last longer

#	Material	Length (in)	TPI	Blade Thickness (in)	Qty/Pack
372614P5	WeldTec Bi-metal	6	14	.035	5
372618P5	WeldTec Bi-metal	6	18	.035	5
372624P5	WeldTec Bi-metal	6	24	.035	5
372818P5	WeldTec Bi-metal	8	18	.035	5
372118P5	WeldTec Bi-metal	12	18	.035	5



**IRWIN**

**835**  
**VIS**

## METAL & WOOD CUTTING RECIPROCATING BLADES WITH WELDTEC

- Cuts composition materials, plastic, pipe, carbon steel and stainless steel
- Cuts 1/8" and thicker
- Electronic beam weld for stronger, longer lasting teeth
- Bi-metal

#	Material	Length (in)	TPI	Blade Thickness (in)	Qty/Pack
372610P5	WeldTec Bi-metal	6	10	.035	5
372810P5	WeldTec Bi-metal	8	10	.050	5



**IRWIN**

**835**  
**VIS**

## DEMOLITION RECIPROCATING BLADES

For heavy duty and demolition applications in wood and metal

- Use with materials 3/16" (5mm) and thicker
- Bi-metal construction
- 8% Cobalt

#	Material	Length (in)	TPI	Blade Thickness (in)	Qty/Pack
372666P5	Bi-metal	6	6	.062	5
372960P5	Bi-metal	9	10	.062	5
372966P5	Bi-metal	9	6	.062	5



**IRWIN**

**835**  
**VIS**

## GENERAL PURPOSE 17-PIECE BI-METAL HOLE SAW KIT

- Includes 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/2, 3", 1/2" hex, 1/2" hex, and pilot drills (3)

# ..... 3073004

**IRWIN**

**835**  
**VIS**





# TOOLS AND SHOP ACCESSORIES

## SST+™ QUICK SHANK HIGH PERFORMANCE HSS DRILL BITS

- Exclusive Quick Shank that ensures fast and secure tightening

#	Drill Size (in)	Flute Length (in)	Overall Length (in)	#	Drill Size (in)	Flute Length (in)	Overall Length (in)
01-A004	1/16	3/16	1-3/16	01-A018	9/32	2-11/16	4-5/16
01-A005	5/64	15/16	1-15/16	01-A019	19/64	2-15/16	4-5/8
01-A006	3/32	1-3/16	2-1/4	01-A020	5/16	2-15/16	4-5/8
01-A007	7/64	1-5/16	2-3/8	01-A021	21/64	2-15/16	4-5/8
01-A008	1/8	1-7/16	2-9/16	01-A022	11/32	3-3/16	4-15/16
01-A009	9/64	1-9/16	2-3/4	01-A023	23/64	3-3/16	4-15/16
01-A010	5/32	1-11/16	2-15/16	01-A024	3/8	3-7/16	5-1/4
01-A011	11/64	1-7/8	3-1/8	01-A025	25/64	3-7/16	5-1/4
01-A012	3/16	2-1/16	3-3/8	01-A026	13/32	3-7/16	5-1/4
01-A013	13/64	2-1/16	3-3/8	01-A027	27/64	3-11/16	5-9/16
01-A014	7/32	2-1/4	3-11/16	01-A028	7/16	3-11/16	5-9/16
01-A015	15/64	2-1/4	3-11/16	01-A029	29/64	3-11/16	5-9/16
01-A016	1/4	2-1/2	4	01-A030	15/32	4	5-15/16
01-A017	17/64	2-11/16	4-5/16	01-A031	31/64	4	5-15/16
				01-A032	1/2	4	5-15/16



600

WAM



## SST+™ DRILL BIT SETS

- Drill bit sizes are clearly marked on inside panels for easy identification and selection
- Packaged in sturdy metal index containers

#	Photo	Description	#	Photo	Description
01-E 621	A	SST + Jobber	01-E 818	C	SST + 3/8" Reduced Shank
01-E 121	A	SST + Quick Shank	01-E 229	C	SST + Stub Length
01-E 606	B	SST + Jobber	01-E 619	D	SST + Jobber
01-E 618	C	SST + Jobber	01-E 708	E	SST + 1/2" Prentice
01-E 118	C	SST + Quick Shank	01-E 625	F	SST + Metric



600

WAM



## SST+™ QUICK SHANK HSS DRILL BITS

- Six long flats for perfect centering of the bit and positive drilling especially with keyless chucks

#	Drill Size (in)	Flute Length (in)	Overall Length (in)	#	Drill Size (in)	Flute Length (in)	Overall Length (in)
01-H 004	1/16	3/8	1-5/16	01-H 119	19/64	1-5/16	2-15/16
01-H 005	5/64	1/2	1-1/2	01-H 120	5/16	1-7/16	3-1/8
01-H 006	3/32	9/16	1-11/16	01-H 121	21/64	1-7/16	3-1/8
01-H 007	7/64	5/8	1-13/16	01-H 122	11/32	1-9/16	3-5/16
01-H 108	1/8	11/16	1-15/16	01-H 123	23/64	1-9/16	3-5/16
01-H 109	9/64	13/16	2-1/16	01-H 124	3/8	1-11/16	3-1/2
01-H 110	5/32	7/8	2-3/16	01-H 125	25/64	1-11/16	3-1/2
01-H 111	11/64	15/16	2-5/16	01-H 126	13/32	1-11/16	3-1/2
01-H 112	3/16	1	2-7/16	01-H 127	27/64	1-7/8	3-3/4
01-H 113	13/64	1	2-7/16	01-H 128	7/16	1-7/8	3-3/4
01-H 114	7/32	1-1/8	2-5/8	01-H 129	29/64	1-7/8	3-3/4
01-H 115	15/64	1-1/8	2-5/8	01-H 130	15/32	2	4
01-H 116	1/4	1-1/4	2-3/4	01-H 131	31/64	2	4
01-H 117	17/64	1-5/16	2-15/16	01-H 132	1/2	2	4
01-H 118	9/32	1-5/16	2-15/16				



**600**  
**WAM**



## SST+™ HIGH PERFORMANCE HSS DRILL BITS STUB LENGTH

- Exclusive self centering 130° "Speed tip"

#	Drill Size	Flute Length (in)	Overall Length (in)	#	Drill Size	Flute Length (in)	Overall Length (in)
01-J 001	1	1-1/2	2-5/8	01-J 022	22	7/8	2-3/16
01-J 002	2	1-1/8	2-5/8	01-J 023	23	7/8	2-3/16
01-J 003	3	1-1/8	2-5/8	01-J 024	24	7/8	2-3/16
01-J 004	4	1	2-7/16	01-J 025	25	7/8	2-3/16
01-J 005	5	1	2-7/16	01-J 026	26	7/8	2-3/16
01-J 006	6	1	2-7/16	01-J 027	27	13/16	2-1/16
01-J 007	7	1	2-7/16	01-J 028	28	13/16	2-1/16
01-J 008	8	1	2-7/16	01-J 029	29	13/16	2-1/16
01-J 009	9	1	2-7/16	01-J 030	30	11/16	1-15/16
01-J 010	10	1	2-7/16	01-J 031	31	5/8	1-13/16
01-J 011	11	1	2-7/16	01-J 032	32	5/8	1-13/16
01-J 012	12	1	2-7/16	01-J 033	33	5/8	1-13/16
01-J 013	13	1-5/16	2-5/16	01-J 034	34	5/8	1-13/16
01-J 014	14	1-5/16	2-5/16	01-J 035	35	5/8	1-13/16
01-J 015	15	1-5/16	2-5/16	01-J 036	36	5/8	1-13/16
01-J 016	16	1-5/16	2-5/16	01-J 037	37	9/16	1-11/16
01-J 017	17	1-5/16	2-5/16	01-J 038	38	9/16	1-11/16
01-J 018	18	1-5/16	2-5/16	01-J 039	39	9/16	1-11/16
01-J 019	19	7/8	2-3/16	01-J 040	40	9/16	1-11/16
01-J 020	20	7/8	2-3/16				
01-J 021	21	7/8	2-3/16				



**600**  
**WAM**







# TOOLS AND SHOP ACCESSORIES

## HIGH PERFORMANCE COBALT HSS DRILL BITS

#	Drill Size (in)	Flute Length (in)	Overall Length (in)	#	Drill Size (in)	Flute Length (in)	Overall Length (in)
01-A 501	1/64	3/16	13/16	01-A 517	17/64	2-11/16	4-5/16
01-A 502	1/32	3/8	1-3/16	01-A 518	9/32	2-11/16	4-5/16
01-A 503	3/64	5/8	1-1/2	01-A 519	19/64	2-15/16	4-5/8
01-A 504	1/16	13/16	1-11/16	01-A 520	5/16	2-15/16	4-5/8
01-A 505	5/64	15/16	1-15/16	01-A 521	21-64	2-15/16	4-5/8
01-A 506	3/32	1-3/16	2-1/4	01-A 522	11/32	3-3/16	4-15/16
01-A 507	7/64	1-5/16	2-3/8	01-A 523	23/64	3-3/16	4-15/16
01-A 508	1/8	1-7/16	2-9/16	01-A 524	3/8	3-7/16	5-1/4
01-A 509	9/64	1-9/16	2-3/4	01-A 525	25/64	3-7/16	5-1/4
01-A 510	5/32	1-11/16	2-15/16	01-A 526	13/32	3-7/16	5-1/4
01-A 511	11/64	1-7/8	3-1/8	01-A 527	27/64	3-11/16	5-9/16
01-A 512	3/16	2-1/16	3-3/8	01-A 528	7/16	3-11/16	5-9/16
01-A 513	13/64	2-1/16	3-3/8	01-A 529	29/64	3-11/16	5-9/16
01-A 514	7/32	2-1/4	3-11/16	01-A 530	15/32	4	5-15/16
01-A 515	15/64	2-1/4	3-11/16	01-A 531	31/64	4	5-15/16
01-A 516	1/4	2-1/2	4	01-A 532	1/2	4	5-15/16

### Wire Gauge Sizes

#	Drill Size (in)	Flute Length (in)	Overall Length (in)
01-B 501	1	2-1/4	3-11/16
01-B 502	2	2-1/4	3-11/16
01-B 503	3	2-1/4	3-11/16
01-B 504	4	2-1/16	3-3/8
01-B 505	5	2-1/16	3-3/8
01-B 506	6	2-1/16	3-3/8
01-B 507	7	2-1/16	3-3/8
01-B 508	8	2-1/16	3-3/8
01-B 509	9	2-1/16	3-3/8
01-B 510	10	2-1/16	3-3/8
01-B 511	11	2-1/16	3-3/8
01-B 512	12	2-1/16	3-3/8
01-B 513	13	1-7/8	3-1/8
01-B 514	14	1-7/8	3-1/8
01-B 515	15	1-7/8	3-1/8
01-B 516	16	1-7/8	3-1/8
01-B 517	17	1-7/8	3-1/8
01-B 518	18	1-7/8	3-1/8
01-B 519	19	1-11/16	2-15/16
01-B 520	20	1-11/16	2-15/16
01-B 521	21	1-11/16	2-15/16
01-B 522	22	1-11/16	2-15/16
01-B 523	23	1-11/16	2-15/16

### Wire Gauge Sizes

#	Drill Size (in)	Flute Length (in)	Overall Length (in)
01-B 524	24	1-11/16	2-15/16
01-B 525	25	1-11/16	2-15/16
01-B 526	26	1-9/16	2-3/4
01-B 527	27	1-9/16	2-3/4
01-B 528	28	1-9/16	2-3/4
01-B 529	29	1-9/16	2-3/4
01-B 530	30	1-7/16	2-9/16
01-B 531	31	1-5/16	2-3/8
01-B 532	32	1-5/16	2-3/8
01-B 533	33	1-5/16	2-3/8
01-B 534	34	1-5/16	2-3/8
01-B 535	35	1-5/16	2-3/8
01-B 536	36	1-5/16	2-3/8
01-B 537	37	1-3/16	2-1/4
01-B 538	38	1-3/16	2-1/4
01-B 539	39	1-3/16	2-1/4
01-B 540	40	1-3/16	2-1/4
01-B 541	41	1-3/16	2-1/4
01-B 542	42	1-3/16	2-1/4
01-B 543	43	1-1/16	2-1/16
01-B 544	44	1-1/16	1-15/16
01-B 545	45	15/16	1-15/16
01-B 546	46	15/16	1-15/16



## HIGH PERFORMANCE COBALT HSS DRILL BITS (CONT'D)

### Wire Gauge Sizes

#	Drill Size (in)	Flute Length (in)	Overall Length (in)
01-B 547	47	15/16	1-15/16
01-B 548	48	7/8	1-13/16
01-B 549	49	7/8	1-13/16
01-B 550	50	7/8	1-13/16
01-B 551	51	13/16	1-11/16
01-B 552	52	13/16	1-11/16
01-B 553	53	11/16	1-9/16

### Wire Gauge Sizes

#	Drill Size (in)	Flute Length (in)	Overall Length (in)
01-B 554	54	11/16	1-9/16
01-B 555	55	5/8	1-1/2
01-B 556	56	5/8	1-1/2
01-B 557	57	9/16	1-7/16
01-B 558	58	1/2	1-5/16
01-B 559	59	1/2	1-5/16
01-B 560	60	1/2	1-5/16

### Metric Sizes

#	Drill Size (mm)	Flute Length (mm)	Overall Length (mm)
01-D 510	1.00	12	34
01-D 512	1.25	16	38
01-D 515	1.50	20	43
01-D 517	1.75	22	46
01-D 520	2.00	24	49
01-D 522	2.25	27	53
01-D 525	2.50	30	57
01-D 527	2.75	33	61
01-D 529	2.90	33	61
01-D 530	3.00	33	61
01-D 532	3.25	36	65
01-D 533	3.30	36	65
01-D 535	3.50	39	70
01-D 537	3.75	39	70
01-D 540	4.00	43	75
01-D 542	4.20	43	75
01-D 543	4.25	43	75
01-D 545	4.50	47	80
01-D 547	4.75	47	80
01-D 550	5.00	52	86
01-D 552	5.25	52	86
01-D 555	5.50	57	93
01-D 557	5.75	57	93
01-D 560	6.00	57	93
01-D 562	6.25	63	101
01-D 565	6.50	63	101
01-D 567	6.70	63	101

### Metric Sizes

#	Drill Size (mm)	Flute Length (mm)	Overall Length (mm)
01-D 568	6.75	69	109
01-D 570	7.00	69	109
01-D 572	7.25	69	109
01-D 575	7.50	69	109
01-D 577	7.75	75	117
01-D 580	8.00	75	117
01-D 582	8.25	75	117
01-D 585	8.50	75	117
01-D 587	8.75	81	125
01-D 590	9.00	81	125
01-D 592	9.25	81	125
01-D 595	9.50	81	125
01-D 597	9.75	87	133
01-D 600	10.00	87	133
01-D 602	10.20	87	133
01-D 603	10.25	87	133
01-D 605	10.50	87	133
01-D 607	10.75	94	142
01-D 610	11.00	94	142
01-D 612	11.25	94	142
01-D 615	11.50	94	142
01-D 617	11.75	101	151
01-D 620	12.00	101	151
01-D 622	12.25	101	151
01-D 625	12.50	101	151
01-D 627	12.75	101	151
01-D 630	13.00	101	151



600

WAM



## VP™ COUNTERSINKS TAPPING BITS

- M2 HSS
- 82° point angle for deburring and chamfering in steel, stainless and nonferrous metals
- Variable pitch design
- Also available: VP™ Countersink Set Part No. 01U950, which includes 1/4", 3/8", 1/2", 3/4" and cutting lubricant.

#	Diameter (in)	Shank Diameter (in)	Overall Length (in)
01-U004	1/4	1/4	2
01-U005	5/16	1/4	2
01-U006	3/8	1/4	2
01-U008	1/2	3/8	2
01-U010	5/8	3/8	2-1/4
01-U012	3/4	1/2	2-1/4
01-U100	1	1/2	2-1/4



600

WAM

## CARBIDE BURRS

- First grade tungsten carbide
- Exclusive tooth design
- Advanced flute geometry
- High strength brazed joint
- 1/4" shank

### Standard Length

#	Shape	Diameter (in)	Length (in)
01-V001	Cylindrical	1/4	5/8
01-V002	Cylindrical	3/8	3/4
01-V004	Cylindrical	1/2	1
01-V005	Cylindrical	1/4	5/8
01-V006	Round Nose	3/8	3/4
01-V007	Round Nose	1/2	1
01-V009	Ball	1/4	7/32
01-V010	Ball	3/8	5/16
01-V026	Ball	1/2	7/16
01-V011	Ball	5/8	9/16
01-V013	Tapered	1/2	1
01-V014	Tree	3/8	3/4
01-V015	Tree	1/2	1
01-V017	Cone	1/4	5/8
01-V031	Cone	3/8	1-1/6
01-V032	Cone	1/2	1-1/8
01-V018	Conical	1/2	7/8
01-V027	Egg	3/8	5/8
01-V028	Egg	1/2	7/8
01-V029	Flame	5/16	3/4
01-V030	Flame	1/2	1-1/4
01-V601	Cylindrical	1/4	5/8
01-V602	Cylindrical	3/8	3/4
01-V604	Cylindrical	1/2	1

### Standard Length

#	Shape	Diameter (in)	Length (in)
01-V605	Cylindrical	1/4	5/8
01-V606	Round Nose	3/8	3/4
01-V607	Round Nose	1/2	1
01-V609	Ball	1/4	7/32
01-V610	Ball	3/8	5/16
01-V626	Ball	1/2	7/16
01-V613	Tapered	1/2	1
01-V614	Tree	3/8	3/4
01-V615	Tree	1/2	1
01-V003	Cylindrical	3/8	3/4
01-V008	Cylindrical Round Nose	1/2	1
01-V016	Tree	1/2	1
01-V036	Cone	3/8	1-1/4
01-V033	Cylindrical Round Nose	1/2	1
01-V034	Tree	1/2	1
01-V035	Cone	1/2	1-1/8
01-V020	Cylindrical	1/8	9/16
01-V021	Ball	1/8	1/8
01-V022	Tree	1/8	1/2
01-V023	Tapered	1/8	1/2
01-V024	Cone	1/8	1/2
01-V025	Conical	1/8	7/16



## CARBIDE BURRS (CONT'D)

6 inches

#	Shape	Diameter (in)	Length (in)
01-V038	Cylindrical	7/16	1
01-V039	Cylindrical	5/16	3/4
01-V040	Cylindrical	7/16	1
01-V044	Tapered	1/4	5/8
01-V045	Tapered	5/16	3/4
01-V046	Tapered	3/8	3/4
01-V041	Tree	1/4	5/8
01-V042	Tree	5/16	5/8
01-V043	Tree	7/16	1
01-V051	Cone	5/16	7/8

6 inches

#	Shape	Diameter (in)	Length (in)
01-V052	Cone	5/8	3/16
01-V047	Conical	1/4	1/2
01-V048	Conical	1/4	3/4
01-V049	Conical	1/4	1
01-V050	Conical	3/8	5/8
01-V644	Tapered	1/4	5/8
01-V646	Tapered	3/8	3/8
01-V641	Tree	1/4	5/8
01-V631	Cone	3/8	1-1/16
01-V652	Cone	5/8	3/16

Sets

#	Set Description
01-V 990K	01-V 002, 006, 011, 015, 018
01-V 992K	01-V 020, 021, 022, 023, 024, 025
01-V 993K	01-V 033, 034, 035
01-V 994K	01-V 002, 006, 013, 015



600

WAM





# TOOLS AND SHOP ACCESSORIES

## SST+™ PRENTICE DRILL BITS

- Fits any 1/2" chuck and make it possible to drill holes up to 1-1/2"
- Extra hard tip allows to drill many more holes between re-sharpening

#	Drill Size (in)	Flute Length (in)	Overall Length (in)	#	Orifices (po)	Flute Length (in)	Overall Length (in)
01-M 533	33/64	3-1/8	6	01-M 553	53/64	3-1/8	6
01-M 534	17/32	3-1/8	6	01-M 554	27/32	3-1/8	6
01-M 535	35/64	3-1/8	6	01-M 555	55/64	3-1/8	6
01-M 536	9/16	3-1/8	6	01-M 556	7/8	3-1/8	6
01-M 537	37/64	3-1/8	6	01-M 557	57/64	3-1/8	6
01-M 538	19/32	3-1/8	6	01-M 558	29/32	3-1/8	6
01-M 539	39/64	3-1/8	6	01-M 559	59/64	3-1/8	6
01-M 540	5/8	3-1/8	6	01-M 560	15/16	3-1/8	6
01-M 541	41/64	3-1/8	6	01-M 561	61/64	3-1/8	6
01-M 542	21/32	3-1/8	6	01-M 562	31/32	3-1/8	6
01-M 543	43/64	3-1/8	6	01-M 563	63/64	3-1/8	6
01-M 544	11/16	3-1/8	6	01-M 600	1	3-1/8	6
01-M 545	45/64	3-1/8	6	01-M 604	1-1/16	3-1/8	6
01-M 546	23/32	3-1/8	6	01-M 608	1-1/8	3-1/8	6
01-M 547	47/64	3-1/8	6	01-M 612	1-3/16	3-1/8	6
01-M 548	3/4	3-1/8	6	01-M 616	1-1/4	3-1/8	6
01-M 549	49/64	3-1/8	6	01-M 617	1-5/16	3-1/8	6
01-M 550	25/32	3-1/8	6	01-M 618	1-3/8	3-1/8	6
01-M 551	51/64	3-1/8	6	01-M 619	1-7/16	3-1/8	6
01-M 552	13/16	3-1/8	6	01-M 620	1-1/2	3-1/8	6



## SST+™ REDUCED SHANK

- Allows drilling larger holes with drills that have a 3/8" chuck capacity
- 130° self-centering point

#	Drill Size (in)	Flute Length (in)	Overall Length (in)	#	Drill Size (in)	Flute Length (in)	Overall Length (in)
01-R 225	25/64	3-7/16	5-1/4	01-R 231	31/64	4	5-15/16
01-R 226	13/32	3-7/16	5-1/4	01-R 232	1/2	4	5-15/16
01-R 227	27/64	3-11/16	5-9/16	01-R 234	17/32	4-13/16	6-5/8
01-R 228	7/16	3-11/16	5-9/16	01-R 236	9/16	4-13/16	6-5/8
01-R 229	29/64	3-11/16	5-9/16	01-R 240	5/8	5-3/16	7-1/8
01-R 230	15/32	4	5-15/16				





# PNEUMATIC ACCESSORIES

## SAFETY GRIP CHUCK CLIP

- Fits all standard single-head air chucks

# ..... S-692



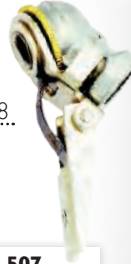
**507**

**MIL**

## CHUCK CLIP W/FEMALE CHUCK

- 1/4" NPT

# ..... S-698



**507**

**MIL**

## FEMALE SINGLE HEAD CHUCK

- 1/4" NPT

# ..... S-699



**507**

**MIL**

## AIR COUPLERS AND PLUGS

#	Description	Style	Size	SCFM	Max PSI	Per Card
S-775	ARO210 Coupler	A	1/4 NPT(F)	34	300	1
S-776	ARO210 Coupler	A	1/4 NPT(M)	34	300	1
S-777	ARO210 Plug	A	1/4 NPT(M)	34	300	2
S-778	ARO210 Plug	A	1/4 NPT(F)	34	300	2
1813	Coupler	G	3/8 NPT(F)	99	300	1
1814	Coupler	G	3/8 NPT(M)	99	300	1
S-1815	Air Coupler:	G	1/2 NPT(F)	99	300	1
S-1816	Air Coupler	G	1/2 NPT(M)	99	300	1
1819	Plug	G	3/8 NPT(M)	99	300	1
1820	Plug	G	3/8 NPT(F)	99	300	1
S-1817	Plug	G	1/2 NPT(M)	99	300	1
S-1818	Plug	G	1/2 NPT(F)	99	300	1
S-1833	Air Coupler:	H	1/4 NPT(F)	67	300	1
1834	Air Coupler	H	1/4 NPT(M)	67	300	1
S-1835	Air Coupler	H	3/8 NPT(F)	67	300	1
S-1836	Air Coupler	H	3/8 NPT(M)	67	300	1
S-1839	Plug	H	1/4 NPT(M)	67	300	2
S-1840	Plug	H	1/4 NPT(F)	67	300	2
S-1837	Plug	H	3/8 NPT(M)	67	300	2
S-1838	Plug	H	3/8 NPT(F)	67	300	2
S-790	Air Coupler:	L	1/4 NPT(F)	32	300	1
794	Air Coupler:	L	1/4 NPT(M)	32	300	1



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## AIR COUPLERS AND PLUGS (CONT'D)

S-791	Plug	L	1/4 NPT(M)	32	300	2
S-792	Plug	L	1/4 NPT(F)	32	300	2
S-715	Air Coupler:	M	1/4NPT(F)	40	300	1
S-716	Air Coupler	M	1/4 NPT(M)	40	300	1
S-718	Air Coupler	M	3/8 NPT(F)	40	300	1
S-719	Air Coupler	M	3/8 NPT(M)	40	300	1
S-727	Plug	M	1/4 NPT(M)	40	300	2
S-728	Plug	M	1/4 NPT(F)	40	300	2
S-732	Plug	M	3/8 NPT(F)	40	300	2
S-733	Plug	M	3/8 NPT(M)	40	300	2
S-1803	Coupler	P	1/4NPT(F)	68	300	1
1804	Coupler	P	1/4NPT(M)	68	300	1
S-1805	Coupler	P	3/8 NPT(F)	68	300	1
S-1806	Coupler	P	3/8 NPT(M)	68	300	1
S-1809	Plug	P	1/4 NPT(M)	68	300	2
S-1810	Plug	P	1/4 NPT(F)	68	300	2
S-1807	Plug	P	3/8 NPT(M)	68	300	2
S-1808	Plug	P	3/8 NPT(F)	68	300	2
S-785	Air Coupler:	T	1/4 NPT(F)	40	300	1
S-786	Air Coupler	T	1/4 NPT(M)	40	300	1
S-783	Plug	T	1/4 NPT(M)	40	300	2
S-784	Plug	T	1/4 NPT(F)	40	300	1
S-764	Hi-Flow Coupler	V	1/4 NPT(F)	74	300	1
S-765	Hi-Flow Coupler	V	1/4 NPT(M)	74	300	1
S-766	Hi-Flow Coupler	V	3/8 NPT(F)	74	300	1
S-767	Hi-Flow Coupler	V	3/8 NPT(M)	74	300	1
S-760	Hi-Flow Brass Plug	V	1/4 NPT(M)	74	300	2
S-761	Hi-Flow Brass Plug	V	1/4 NPT(F)	74	300	2
S-762	Hi-Flow Brass Plug	V	3/8 NPT(M)	74	300	2
S-763	Hi-Flow Brass Plug	V	3/8 NPT(F)	74	300	2
S-760-1	Hi-Flow Steel Plug	V	1/4 NPT(M)	74	300	2
S-761-1	Hi-Flow Steel Plug	V	1/4 NPT(F)	74	300	2
S-762-1	Hi-Flow Steel Plug	V	3/8 NPT(M)	74	300	2
S-763-1	Hi-Flow Steel Plug	V	3/8 NPT(F)	74	300	2
S-99705	Push-Button Safety Coupler	M	1/4 NPT(F)	40	225	1
S-99706	Push-Button Safety Coupler	M	1/4 NPT(M)	40	225	1
S-99773	Push-Button Safety Coupler	A	1/4 NPT(F)	34	225	1
S-99774	Push-Button Safety Coupler	A	1/4 NPT(M)	34	225	1
S-99787	Push-Button Safety Coupler	T	1/4 NPT(F)	40	225	1
S-99788	Push-Button Safety Coupler	T	1/4 NPT(M)	40	225	1



S-1833



S-1834



S-1837



S-1838



S-785



S-786



S-783



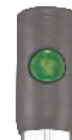
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S-99705



S-99706



S-99787



S-99788



# PNEUMATIC ACCESSORIES



## BLOW-GUNS

#	Description	SCFM	Max Working Pressure	Max Nozzle Pressure
107	Safety button	11.4	150	30
120	Safety lever	10.6	150	30
131	Safety Blo-Guns, 4"	5.5	150	30
133	Safety Blo-Guns, 10"	4.5	150	30
132	Volume safety	18.0	150	30
S-148	Compact safety	11.7	150	30
150	Full-flow safety lever	10.0	150	30
S153	Rubber tip	11.4	150	30
S-154	Rubber tip with 45° bent tube	11.4	150	30
S-166	Comfort grip, 4"	11.4	142	N/A
S-167	Comfort grip, 10"	11.4	142	N/A
S-174	Comfort grip, 4", rubber tip	13	110	N/A
S-175	Comfort grip, 4", safety tip	13	110	30



507

MIL

## ADJUSTABLE POCKET BLO-GUN

- Fits A-Style or any 1/4" ARO 210 style coupler.



507

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# ..... S-116

## RUBBER TIP FOR BLO-GUN

- Dual thread to fit 7/16"-27 and 1/8" NPS



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# ..... 152



## SIPHON SPRAY BLOW-GUN KIT

- Excellent for degreasing engines, garage bays and parts, spraying livestock, plants and flowers
- Maximum working pressure: 150 PSI
- SCFM 14.0 @ 100 PSI

# ..... S-157



507

MIL







## PRESSURE GAUGES

- Brass mechanism
- Max. pressure : 75% of dial range
- Max. operating temperature : -13°F to 120°F



#	NPT (po)	Mount	Range (PSI)	Face (in)
1189	1/8	Mini center back	0-160	1-1/2
1190	1/4	Center back	0-60	2
1191	1/4	Center back	0-160	2
1192	1/4	Center back	0-300	2
1193	1/4	Bottom	0-60	2
1194	1/4	Bottom	0-160	2
1195	1/4	Bottom	0-300	2



**507**  
**MIL**

## AIR REGULATORS

- Aluminum die-cast body
- Medium pressure (5 to 125 PSI), except for models 1114-8 and 1115-8 (10 to 250 PSI)

#	NPT (in)	Max SCFM
1113	1/4	50
1114	3/8	80
1115	1/2	100
1114-8	3/8	80
1115-8	1/2	100



**507**  
**MIL**



## FLEXHYBRID® SYNTHETIC POLYMER AIR HOSE

- Good resistance to oils, heat, ozone and abrasion
- Red

25'	50'	Hose ID (in)	Fittings (M) NPT	Max. Pressure
70.115	70.119	1/4	1/4	300 PSI
70.316	70.318	3/8	1/4	300 PSI
70.415	70.419	1/2	3/8	300 PSI



**502**  
**TRG**

## MAXAIR® RUBBER AIR HOSE

- Good resistance to oils
- Excellent abrasion resistance
- Good resistance to cold, heat and ozone
- Red



**502**  
**TRG**

25' 50'  
71.315S 71.319S





# PNEUMATIC ACCESSORIES

## AIRFLEX® PREMIUM RUBBER AIR HOSE

- Medium resistance to oils
- Excellent abrasion resistance
- Good resistance to cold, heat and ozone
- Red

15'	25'	35'	50'	100'
71.111	71.114	71.116	71.118	71.150
71.311	71.314	71.316	71.318	71.350
71.312	71.315	71.317	71.319	71.355
71.411	71.414	71.416	71.418	71.450
71.412	71.415	71.417	71.419	71.453



## THERMOFLEX® PVC AIR HOSE

- Ideal hose for applications in contact with paints and solvents
- Non-marking pin-pricked cover
- UV, weather, chemical and abrasion resistant
- Complies with RMA's Class B designation for medium/high oil resistance
- Blue

25'	35'	50'	100'	Hose ID (in)	Fittings (M) NPT	Max. Pressure.
72.114	72.116	72.118	72.150	1/4	1/4	300 PSI
72.314	72.316	72.318	72.350	3/8	3/8	300 PSI
72.315	72.317	72.319	72.355	3/8	1/4	300 PSI
72.414	72.416	72.418	72.450	1/2	1/2	300 PSI
72.415	72.417	72.419	72.455	1/2	3/8	300 PSI
72.520	--	72.560	72.580	3/4	3/4	250 PSI



## EASYFLEX® ULTRA FLEXIBLE PVC AIR HOSE

- Easily re-coiled after use
- Non-marking outer cover
- Good resistance to oils and abrasion
- Yellow, Red, Blue



25'	35'	50'	100'	Color	Hose ID (in)	Fittings (M) NPT	Max. Pressure
72.364	72.366	72.368	72.370	Yellow	3/8	1/4	300 PSI
72.324	72.326	72.328	72.330	Red	3/8	1/4	300 PSI
72.384	72.386	72.388	72.390	Blue	3/8	1/4	300 PSI





## SUPERFLEX® SYNTHETIC RUBBER AIR HOSE

- Maximum resistance to oil, gasoline, kerosene, fuel oils, lubricating oils and other petroleum based products
- Excellent weather and ozone resistance
- Excellent abrasion resistance
- Red



25'	35'	50'	100'	Hose ID (in)	Fittings (M) NPT	Max. Pressure.
75.114	--	75.118	75.150	1/4	1/4	250PSI
75.314	--	75.318	75.350	3/8	3/8	250PSI
75.315	75.317	75.319	75.355	3/8	1/4	250PSI
75.414	--	75.418	75.450	1/2	1/2	250PSI
75.415	--	75.419	75.453	1/2	3/8	250PSI
75.525	75.535	75.560	75.600	3/4	3/4	250PSI
75.625	--	75.660	75.680	1	1	250PSI



**502**  
**TRG**

## TOPFLEX® "LOCK-ON" SYNTHETIC RUBBER AIR HOSE

- Accepts reusable "lock-on" fittings
- Performs well at both high and low temperatures
- Excellent abrasion resistance
- Excellent oil resistance
- Black



15'	25'	35'	50'	100'	Hose ID (in)	Fittings (M) NPT	Max. Pressure.
	77.125	77.126	77.128		1/4	1/4	300 PSI
	77.335		77.338	77.340	3/8	3/8	300 PSI
77.341	77.345	77.346	77.348		3/8	1/4	300 PSI
			77.438	77.440	1/2	1/2	300 PSI
	77.445	77.446	77.448		1/2	3/8	300 PSI



**502**  
**TRG**

## SELF-STORING NYLON AIR HOSE

- Nylon 12
- Excellent resistance to many industrial chemicals, oils and solvents
- Red

#	Hose ID (in)	Total Length(ft)	Working Length (ft)	Coil ID (in)	Swivel Fitting (M) NPT.	Max. Pressure
11.421	1/4	12-1/2	10	3 1/2	1/4	200 PSI
11.441	1/4	25	20	3 1/2	1/4	200 PSI
11.481	1/4	50	40	3 1/2	1/4	200 PSI
11.621	3/8	12-1/2	10	5 1/2	3/8	200 PSI
11.626	3/8	12-1/2	10	5 1/2	1/4	200 PSI
11.641	3/8	25	20	5 1/2	3/8	200 PSI
11.646	3/8	25	20	5 1/2	1/4	200 PSI
11.681	3/8	50	40	5 1/2	3/8	200 PSI
11.686	3/8	50	40	5 1/2	1/4	200 PSI
11.822	1/2	12-1/2	10	6 1/2	1/2	150 PSI
11.842	1/2	25	20	6 1/2	1/2	150 PSI
11.882	1/2	50	40	6 1/2	1/2	150 PSI



**502**  
**TRG**



# PNEUMATIC ACCESSORIES

## FLEXCOIL® POLYURETHANE AIR HOSE

- Good resistance to oils, fuels, and water
- Highly abrasion resistant and non-marking
- Ether based Polyurethane
- Red, Blue

Hose ID (in)	Total Length(ft)	Working Length (ft)	# red	# blue	Swivel Fitting (M) NPT
1/4	15	12	17.610	17.610.07	1/4
1/4	20	16	17.615	17.615.07	1/4
1/4	25	20	17.620	17.620.07	1/4
1/4	30	24	17.625	17.625.07	1/4
1/4	50	40	17.650	17.650.07	1/4
3/8	15	12	17.710	--	3/8
3/8	15	12	17.714	--	1/4
3/8	20	16	17.715	--	3/8
3/8	20	16	17.719	--	1/4
3/8	25	20	17.720	--	3/8
3/8	25	20	17.724	--	1/4
3/8	30	24	17.725	--	3/8
3/8	30	24	17.729	--	1/4
3/8	50	40	17.750	3/8	
3/8	50	40	17.754	1/4	



502

TRG

## MAXAIR® POLYURETHANE AIR HOSE

- Good resistance to oils, fuels, and water
- Highly abrasion resistant and non-marking
- Light Blue



#	Hose ID (in)	Total Length(ft)	Working Length (ft)	Coil ID (in)	Fitting (M) NPT	Supply End	Tool End
14.620	1/4	25	20	3 1/4	1/4	Pivot	Rigide
14.650	1/4	50	40	3 1/4	1/4	Pivot	Rigide
14.724	3/8	25	20	3 5/8	1/4	Pivot	Rigide
14.754	3/8	50	40	3 5/8	1/4	Pivot	Rigide



502

TRG





# HARDWARE AND REPAIR

## 125-PIECE GROMMET ASSORTMENT

• 1/8" to 1"

# ..... 10108



622

DYL



## GREASE FITTINGS ASSORTMENTS

#	Description	Pieces
00108	Metric	110
00112	SAE	100



622

DYL

## FUSE ASSORTMENTS

#	Description	Pieces
00119	Mini	101
00121	Standard	100
10110	Standard	80
10118	Assortment	92



622

DYL

## DYNAKITS

#	Description	Pieces	Size
00140	Standard Plug-In Fuses	50	5
00141	Mini Plug-In Fuses	50	5
00160	Cotter Pins (Small)	215	8
00161	Cotter Pins (Large)	40	12
00163	S.A.E. Grease Fittings	40	12



622

DYL

## O-RING KITS

#	Description	Pieces
00150	SAE	407
00151	Metric	419



622

DYL





## COTTER PIN ASSORTMENTS

#	Description	Pieces
10102	1/16 to 5/32	560
10103	1/8 to 5/16 (large)	150



**622**  
**DYL**



## 300-PIECE "E" RETAINER RINGS ASSORTMENT

- 1/16" to 7/8"

# ..... 10104



**622**  
**DYL**



## 150-PIECE HAIR PIN ASSORTMENT

- 3/32" to 5/32"

# ..... 10105



**622**  
**DYL**



## 300-PIECE SNAP RING ASSORTMENT

- 1/8" to 1-1/4"

# ..... 10106



**622**  
**DYL**



## 160-PIECE WIRE TERMINALS ASSORTMENT

- Contains: Ring, male, female, splice, spade, butt, bullet male and bullet female



**622**  
**DYL**

# ..... 10107





# HARDWARE AND REPAIR

## TRIDON™ REGULAR GEAR CLAMPS

- Clamps feature a 301 Stainless Steel (12.7mm wide) band and a 301 Stainless Steel housing\*
- HS clamps have a Carbon/steel/zinc plated (8mm slotted hex head) screw
- HAS clamps have a 305 SS (8mm slotted hex head) screw.

\*Some housings are manufactured using carbon steel zinc plated housing.

#	#	Size Range (in)	Size Range (mm)	Qty/box
HS6	HAS6	3/8 – 7/8	10 - 22	10
HS8	HAS8	7/16 – 1	11 - 25	10
HS10	HAS10	1/2 – 1-1/16	13 - 27	10
HS12	HAS12	1/2 – 1-1/4	13 - 32	10
HS16	HAS16	11/16 – 1-1/2	17 - 38	10
HS20	HAS20	3/4 – 1-3/4	19 - 44	10
HS24	HAS24	1 – 2	25 - 51	10
HS28	HAS28	1-1/4 – 2-1/4	32 - 57	10
HS32	HAS32	1-1/2 – 2-1/2	38 - 63	10
HS36	HAS36	1-3/4 – 2-3/4	44 - 70	10
HS40	HAS40	2 – 3	51 - 76	10
HS44	HAS44	2-1/4 – 3-1/4	57 - 82	10
HS48	HAS48	2-1/2 – 3-1/2	64 - 89	10
HS52	HAS52	2-3/4 – 3-3/4	70 - 95	10
HS56	HAS56	3 – 4	76 - 101	10
HS60	HAS60	3-1/4 – 4-1/4	83 - 108	10
HS64	HAS64	2-1/2 – 4-1/2	64 - 114	10
HS72	HAS72	3 – 5	76 - 127	10
HS80	HAS80	3-1/2 – 5-1/2	89 - 140	10
HS84	HAS84	3-3/4 – 5-3/4	95 - 146	10
HS88	HAS88	4 – 6	102 - 152	10
HS96	HAS96	4-1/2 – 6-1/2	114 - 165	10
HS104	HAS104	5 – 7	127 - 178	10
HS116	HAS116	5-3/4 – 7-3/4	146 - 196	1
HS128	HAS128	6-1/2 – 8-1/2	165 - 216	1
HS152	HAS152	2 – 10	51 - 254	1
HS164	HAS164	1-3/4 – 10-3/4	44 - 273	1
HS188	HAS188	2-1/16 – 12-1/4	52 - 311	1
HS200	HAS200	11 – 13	280 - 330	1
HS212	HAS212	11-3/4 – 13-3/4	299 - 349	1
HS224	HAS224	12-1/2 – 14-1/2	318 - 368	1
HS236	HAS236	13-1/4 – 15-1/4	337 - 387	1
HS248	HAS248	1-3/4 – 16	44 - 406	1
HS270	HAS270	15-3/8 – 17-3/4	391 - 441	1
HS312	HAS312	18 – 20	457 - 508	1
HS390	HAS390	22-7/8 – 24-7/8	581 - 632	1



**520**

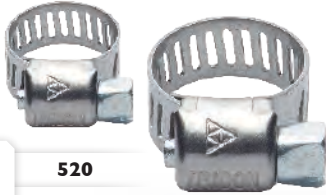
**IDL**





## TRIDON™ MICRO GEAR CLAMPS

- Clamps feature a 301 Stainless Steel (8.0mm wide) band and a 301 Stainless Steel housing
- MH clamps have a Carbon/steel/zinc plated (6mm slotted hex head) screw
- MAH clamps have a 305 SS (6mm slotted hex head) screw.



**520**

**IDL**

#	#	Size Range (in)	Size Range (mm)	Qty/box
MH4	MAH4	1/4 – 5/8	6 - 16	10
MH5	MAH5	7/16 – 11/16	7 - 17	10
MH6	MAH6	5/16 – 7/8	8 - 22	10
MH8	MAH8	3/8 – 3/4	10 - 25	10
MH10	MAH10	3/8 – 1-1/16	10 - 27	10
MH12	MAH12	1/2 – 1-1/4	13 - 32	10
MH16	MAH16	1/2 – 1-1/2	13 - 38	10
MH20	MAH20	3/4 – 1-3/4	19 - 44	10
MH24	MAH24	1 – 2	26 - 51	10
MH28	MAH28	1-1/4 – 2-1/4	32 - 57	10
MH32	MAH32	1-1/2 – 2-1/2	38 - 63	10
MH36	MAH36	1-3/4 – 2-3/4	45 - 70	10

## RUBBER CORK SHEET

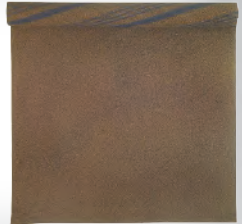
- Used in sealing oil, coolant, or gasoline
- Recommended for use on valve cover & oil pan gaskets



**151**

**FEL**

#	Thickness (in)	Size (in)
3007	1/8	18 x 36
3008	1/4	18 x 36
3005	1/16	18 x 36
3006	3/32	18 x 36
3018	1/16	10 x 26
3019	1/8	10 x 26
3026	3/32	10 x 26



## PRO-RAMIC® 301

- High temperature-facing material that is mechanically clinched to one side of a perforated steel core
- Recommended for use exhaust manifold gasket & exhaust pipe flange gaskets
- 12" x 28" x 3/64" sheet

# ..... 3009



**151**

**FEL**

## KARROPAK® GASKET MATERIAL

- Pliable, chemically-treated fibrous sheet packing
- Designed for use in sealing oil, water, & gasoline



#	Thickness (in)	Format	Size (in x ft)	#	Thickness (in)	Format	Size (in x ft)
3011	1/64	Sheet	36 x 3	3047	1/16	Sheet	12 x 3
3020	1/16	Sheet	36 x 3	3051	1/64	Roll	36 x 45
3022	1/64	Sheet	18 x 3	3053	1/32	Roll	36 x 45
3023	1/32	Sheet	18 x 3	3054	1/16	Roll	36 x 30
3025	1/16	Sheet	18 x 3	3091	1/64	Roll	18 x 150
3027	1/32	Sheet	36 x 3	3092	1/64	Roll	18 x 30
3031	1/64	Roll	36 x 150	3093	1/32	Roll	18 x 150
3033	1/32	Roll	36 x 150	3094	1/16	Roll	18 x 75
3041	1/64	Roll	36 x 75	3095	1/64	Roll	18 x 75
3043	1/32	Roll	36 x 75	3096	1/32	Roll	18 x 75
3044	1/16	Roll	36 x 45	3097	1/16	Roll	18 x 45
3045	1/64	Sheet	12 x 3	3098	1/32	Roll	18 x 30
3046	1/32	Sheet	12 x 3	3099	1/16	Roll	18 x 15



**151**

**FEL**





# HARDWARE AND REPAIR

## RUBBER-CELLULOSE GASKET MATERIAL

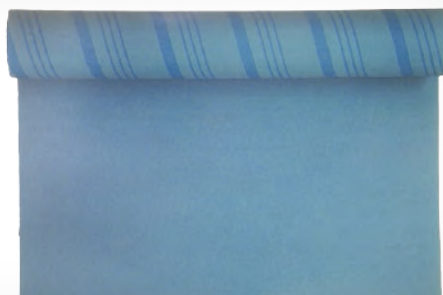
- Used in sealing water or coolant
- Recommended for use on water outlet, thermostat housing & water pump gaskets

#	Thickness (in)	Size (in)
3030	3/64	18 × 36
3075	3/64	10 × 26



**I51**

**FEL**



## 4-PIECE MATERIAL ASSORTMENT PAK

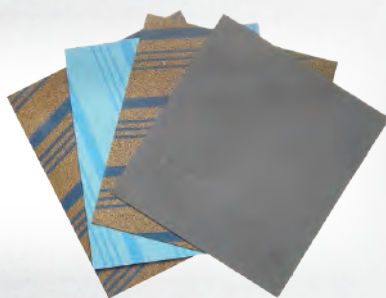
- Includes 2 cork-rubber; 1 rubber-cellulose & 1 rubber-fiber sheet

# ..... 3060



**I51**

**FEL**



## RUBBER-FIBER GASKET MATERIAL SHEET

- Used in sealing oil, coolant or gasoline
- Recommended for use on timing cover, axle flange & differential carrier gaskets

#	Thickness (in)	Size (in)
3127	1/16	18 × 36
3137	1/32	18 × 36
3157	1/32	10 × 26
3187	1/16	10 × 26



**I51**

**FEL**



## RUBBER-FIBER ANTI-STICK SHEET

- Used in sealing oil, coolant or gasoline
- Recommended for use on timing cover, axle flange & differential carrier gasket applications

#	Thickness (in)	Size (in)
3149-1	1/32	25 × 25
3149-3	1/16	25 × 25



**I51**

**FEL**





## SAE THREAD REPAIR KITS

- Coarse kits in sizes #8 through 1-1/2" and Fine kits in sizes #10 through 1-1/2"
- All kits contain a Heli-Coil tap, installation tool, a quantity of inserts and detailed instructions

### Coarse

#	Thread Size & Length	Drill Size (in)
5521-2	8-32 x .246	11/64
5521-4	1/4-20 x .375	17/64
5521-5	5/16-18 x .469	21/64
5521-6	3/8-16 x .562	25/64
5521-7	7/16-14 x .656	29/64
5521-8	1/2-13 x .750	17/32
5521-10	5/8-11 x .938	21/32
5521-12	3/4-10 x 1.125	25/32

### Fine

#	Thread Size & Length	Drill Size (in)
5528-3	10-32 x .285	13/64
5528-4	1/4-28 x .375	17/64
5528-5	5/16-24 x .469	21/64
5528-6	3/8-24 x .562	25/64
5528-7	7/16-20 x .656	29/64
5528-8	1/2-20 x .750	33/64
5528-9	9/16-18 x .844	37/64
5528-10	5/8-18 x .938	41/64
5528-12	3/4-16 x 1.125	49/64

## METRIC THREAD REPAIR KITS

- Coarse kits in sizes M5 through M20 and Fine kits M8 through M16

### Coarse

#	Thread Size & Length	Drill Size (in)
5546-5	M5 x 0.8 x 7.5 mm	13/64
5546-6	M6 x 1 x 9.0 mm	1/4
5546-7	M7 x 1 x 10.5 mm	9/32
5546-8	M8 x 1.25 x 12.0 mm	21/64
5546-9	M9 x 1.25 x 13.5 mm	23/64
5546-10	M10 x 1.5 x 15.0 mm	13/32
5546-11	M11 x 1.5 x 16.5 mm	29/64
5521-12	M12 x 1.75 x 18.0 mm	31/64
5521-14	M14 x 2 x 21.0 mm	37/64
5521-16	M16 x 2 x 24.0 mm	21/32
5521-18	M18 x 2.5 x 27.0 mm	47/64
5521-20	M20 x 2.5 x 30.0 mm	13/16

### Fine

#	Thread Size & Length	Drill Size (in)
5542-8	M8x1 x 12.0 mm	21/64
5542-10	M10x1 x 15.0 mm	13/32
5542-11	M11x1 x 16.5 mm	7/16
5543-10	M10x1.25 x 15.0 mm	13/32
5543-11	M11x1.25 x 16.5 mm	29/64
5543-12	M12x1.25 x 18.0 mm	31/64
5544-12	M12x1.5 x 18.0 mm	31/64
5544-14	M14x1.5 x 21.0 mm	9/16
5544-16	M16x1.5 x 24.0 mm	21/32

HeliCoil

483

HEL



HeliCoil

483

HEL





# HARDWARE AND REPAIR

## SAV-A-THREAD RETHREADING KIT

- Permanently repair stripped spark plug opening threads



#.....Size.....  
5334-14 M14x1.25



483

HEL

## SPARK PLUG INSERT KITS

- Available in sizes M10, M12, M14, M18, and 7/8"
- Each kit contains a piloted reamer tap (no drilling necessary), an installation tool, and a quantity of inserts.
- M12 and M14 kits contain several insert lengths to accommodate all spark plug reaches
- NOTE: Do NOT use Heli-Coil wire inserts to repair taper seat spark plug ports



483

HEL



#	Thread Size	Reach	Inserts
5523-10	10-1.0 mm	1/2"	24
5523-12	12-1.25 mm	1/2", 3/4"	12
5523-14	14-1.25 mm	3/8", 7/16", 1/2", 3/4", .472	6
5523-18	18-1.5 mm	1/2"	24
550	7/8-18	1/2" - 5/8"	10

## POP RIVETS



483

HEL



Rivet Dia. (in)	Head Dia. (in)	Grip Range (in)	Steel Rivet/ Steel Mandrel	Alum. Rivet/ Alum. Mandrel	Qty/Box
1/8	1/4	1/16 - 1/8	57438	57473	25
1/8	1/4	3/16 - 1/4	57442	57477	20
1/8	1/4	5/16 - 3/8	57446	57480	15
3/16	3/8	... 1/8	--	57487	15
3/16	3/8	1/8 - 1/4	--	57488	15
3/16	3/8	1/4 - 3/8	--	57490	15



## RIVETS

- 100-piece shop pack  
(also available in 500-piece pack)



483

HEL



Rivet Dia. (in)	Head Dia. (in)	Grip Range (in)	Plated Steel Rivet/ Steel Mandrel	SS Rivet/ Steel Mandrel	SS Rivet/ SS Mandrin
3/32	3/16	... 1/8	59435	--	--
3/32	3/16	1/8 - 1/4	59436	--	--
1/8	1/4	1/32 - 1/16	59437	--	--
1/8	1/4	1/16 - 1/8	59438	59560	59540
1/8	.220	1/16 - 1/8	59439	--	--
1/8	3/8	1/16 - 1/8	59440	--	--
1/8	1/4	1/8 - 3/16	59441	59561	59541
1/8	.220	1/8 - 3/16		--	--
1/8	1/4	3/16 - 1/4	59442	59562	59542
1/8	.220	3/16 - 1/4	59443	--	--
1/8	3/8	3/16 - 1/4	59444	--	--
1/8	1/4	1/4 - 5/16	59445	--	--
1/8	1/4	5/16 - 3/8	59446	59563	59543
1/8	1/4	3/8 - 1/2	59447	59573	59544
5/32	5/16	1/16 - 1/8	59448	59564	59545
5/32	5/16	1/8 - 3/16	59449	--	--
5/32	5/16	3/16 - 1/4	59450	59565	59546
5/32	5/16	1/4 - 3/8	59451	59566	59547
3/16	3/8	1/16 - 1/8	59453	59567	59548
3/16	3/8	1/8 - 1/4	59454	59568	59549
3/16	5/8	1/8 - 1/4	59455	--	--
3/16	3/8	1/4 - 3/8	59456	59569	59550
3/16	5/8	1/4 - 3/8	59457	--	--
3/16	3/8	3/8 - 1/2	59458	59570	59551
3/16	5/8	3/8 - 1/2	59459	--	--
3/16	3/8	1/2 - 5/8	59460	--	--
3/16	5/8	1/2 - 5/8	59461	--	--
3/16	3/8	5/8 - 3/4	59462	--	--
3/16	5/8	5/8 - 3/4	59463	--	--
1/4	1/2	1/16 - 1/4	59464	--	--
1/4	1/2	1/4 - 3/8	59465	--	--
1/4	1/2	3/8 - 1/2	59466	--	--
1/4	1/2	5/8 - 3/4	59467	--	--





# HARDWARE AND REPAIR

## ALUMINUM RIVETS

- 100-piece shop pack  
(also available in 500-piece pack)

Rivet Dia. (in)	Head Dia. (in)	Grip Range (in)	Alum. Rivet/ Alum. Mandrel	Alum. Rivet/ Steel Mandrel
3/32	3/16	... 1/8	59470	59503
3/32	3/16	1/8 - 1/4	59471	59504
1/8	1/4	1/32 - 1/16	59472	59505
1/8	1/4	1/16 - 1/8	59473	59506
1/8	.220	1/16 - 1/8	59474	59507
1/8	3/8	1/16 - 1/8	59475	59508
1/8	1/4	1/8 - 3/16	59476	59509
1/8	.220	1/8 - 3/16	--	59510
1/8	1/4	3/16 - 1/4	59477	59511
1/8	.220	3/16 - 1/4	--	59512
1/8	3/8	3/16 - 1/4	59478	59513
1/8	1/4	1/8 - 3/16	59479	59514
1/8	1/4	1/8 - 3/16	59480	59515
1/8	1/4	1/8 - 3/16	59481	59516
5/32	5/16	1/16 - 1/8	59482	59517
5/32	5/16	1/8 - 3/16	59483 / HEL	59518
5/32	5/16	3/16 - 1/4	59484	59519
5/32	5/16	1/4 - 3/8	59485	59520
5/32	5/16	3/8 - 1/2	59486	59521
3/16	3/8	1/16 - 1/8	59487	59522
3/16	3/8	1/8 - 1/4	59488	59523
3/16	5/8	1/8 - 1/4	59489	59524
3/16	3/8	1/4 - 3/8	59490	59525
3/16	5/8	1/4 - 3/8	59491	59526
3/16	3/8	3/8 - 1/2	59492	59527
3/16	5/8	3/8 - 1/2	59493	59528
3/16	3/8	1/2 - 5/8	59494	59529
3/16	5/8	1/2 - 5/8	59495	59530
3/16	3/8	5/8 - 3/4	59496	59531
3/16	5/8	5/8 - 3/4	59497	59532
1/4	1/2	1/16 - 1/4	59498	59533
1/4	1/2	1/4 - 3/8	59499	59534
1/4	1/2	3/8 - 1/2	--	59535
1/4	1/2	5/8 - 3/4	59500	59536

### Back-up Plates

Hole Size (in)	Material	#	Qty/Pkg	#	Qty/Box
1/8	Alum.	57662	100	59661	30
1/8	Alum.	57661	100	59662	30
9503	Steel	59660	100	59660	40



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## BACK-UP PLATES

- These back-up plates are used with all rivet tools
- Used when additional strength is required or when the hole is oversized



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#	Size (in)	Material	Qty
239-493	1/8	Plated Steel	100
239-494	3/16	Plated Steel	100
239-492	3/16	Aluminium	100

## MECHANIC'S WIRE

- 18 gauge (.047")
- 330'



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# ..... 314-218.



## GREASE FITTINGS

- 25 pieces per pack

#	Description
904-610	1/8 NPT straight
904-688	1/8 NPT 45° elbow
904-613	1/8 NPT 90° elbow
904-627	1/4 NPT straight
904-641	1/4-28 straight
904-652	1/4-28 straight long
904-691	1/4-28 90° elbow
904-701	6 mm x 1.0 straight
904-702	8 mm x 1.0 straight
904-703	10 mm x 1.0 straight

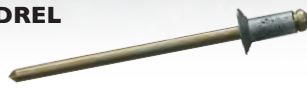


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# HARDWARE AND REPAIR

## STEEL RIVET – STEEL MANDREL



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### Steel Rivet / Steel Mandrel

Box #	Qty/box	Hang Pack #	Qty/Pack	Rivet Diam.	Grip Range	Head Type	Length
239-210	500	239-810	50	1/8(.125)	1/16 - 1/8	Csk.	.276
239-211	500	239-811	50	1/8(.125)	1/16 - 1/8	Domed	.232
239-213	500	239-813	50	1/8(.125)	1/8 - 3/16	Csk.	.316
239-214	500	239-814	50	1/8(.125)	1/8 - 3/16	Domed	.294
239-216	500	239-816	50	1/8(.125)	3/16 - 1/4	Domed	.357
239-217	500	239-817	50	1/8(.125)	3/16 - 1/4	Domed	.357
239-218	500	--	--	1/8(.125)	3/16 - 1/4	L. Flange	.357
239-223	500	--	--	1/8(.125)	5/16 - 3/8	Domed	.481
239-226	500	--	--	1/8(.125)	3/8 - 1/2	Domed	.625
239-229	500	--	--	5/32(.156)	1/16 - 1/8	Domed	.254
239-235	500	--	--	5/32(.156)	3/16 - 1/4	Domed	.397
239-238	500	--	--	5/32(.156)	1/4 - 3/8	Domed	.504
239-250	250	*239-850	25	3/16(.188)	1/16 - 1/8	Domed	.277
239-253	250	*239-853	25	3/16(.188)	1/8 - 1/4	Domed	.402
239-256	250	--	--	3/16(.188)	1/4 - 3/8	Domed	.527
239-257	250	--	--	3/16(.188)	1/4 - 3/8	L. Flange	.527
239-259	250	--	--	3/16(.188)	3/8 - 1/2	Domed	.652
239-260	250	--	--	3/16(.188)	3/8 - 1/2	L. Flange	.652
239-262	250	--	--	3/16(.188)	1/2 - 5/8	Domed	.777
239-263	250	--	--	3/16(.188)	1/2 - 5/8	L. Flange	.777
239-265	250	--	--	3/16(.188)	5/8 - 3/4	Domed	.902
239-266	250	--	--	3/16(.188)	5/8 - 3/4	L. Flange	.902

### Stainless Steel Rivet / Steel Mandrel

Box #	Qty/box	Hang Pack #	Qty/Pack	Rivet Diam.	Grip Range	Head Type	Length
5195-111	100	--	--	1/8(.125)	1/16 - 1/8	Domed	.232
5195-114	100	--	--	1/8(.125)	1/8 - 3/16	Domed	.294
5195-117	100	--	--	1/8(.125)	3/16 - 1/4	Domed	.357
5195-123	100	--	--	1/8(.125)	5/16 - 3/8	Domed	.481
5195-126	100	--	--	1/8(.125)	3/8 - 1/2	Domed	.625
5195-150	100	--	--	3/16(.188)	1/16 - 1/4	Domed	.277
5195-153	100	--	--	3/16(.188)	1/8 - 1/4	Domed	.402
5195-156	100	--	--	3/16(.188)	1/4 - 3/8	Domed	.527
5195-159	100	--	--	3/16(.188)	3/8 - 1/2	Domed	.652

### Stainless Steel Rivet / Stainless Steel Mandrel

Box #	Qty/box	Hang Pack #	Qty/Pack	Rivet Diam.	Grip Range	Head Type	Length
5195-211	100	--	--	1/8(.125)	1/16 - 1/8	Domed	.232
5195-214	100	--	--	1/8(.125)	1/8 - 3/16	Domed	.294
5195-217	100	--	--	1/8(.125)	3/16 - 1/4	Domed	.357
5195-223	100	--	--	1/8(.125)	5/16 - 3/8	Domed	.481
5195-226	100	--	--	1/8(.125)	3/8 - 1/2	Domed	.625
5195-250	100	--	--	3/16(.188)	1/16 - 1/4	Domed	.277
5195-253	100	--	--	3/16(.188)	1/8 - 1/4	Domed	.402
5195-256	100	--	--	3/16(.188)	1/4 - 3/8	Domed	.527
5195-259	100	--	--	3/16(.188)	3/8 - 1/2	Domed	.652



## ALUMINUM RIVETS – ALUMINUM MANDREL

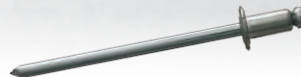


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Box #	Qty/box	Hang Pack #	Qty/Pack	Rivet Diam.	Grip Range	Head Type	Length
239-011	500	239-611	50	1/8(.125)	1/16 - 1/8	Domed	.232
239-014	500	239-614	50	1/8(.125)	1/8 - 3/16	Domed	.294
239-017	500	239-617	50	1/8(.125)	3/16 - 1/4	Domed	.357
239-018	500	--	--	1/8(.125)	3/16 - 1/4	L. Flange	.357
239-023	500	--	--	1/8(.125)	5/16 - 3/8	Domed	.481
239-026	500	--	--	1/8(.125)	3/8 - 1/2	Domed	.625
239-038	500	--	--	5/32(.156)	1/4 - 3/8	Domed	.504
239-047	250	*239-647	25	3/16(.188)	1/16 - 1/8	Domed	.277
239-053	250	*239-653	25	3/16(.188)	1/8 - 1/4	Domed	.402
239-056	250	--	--	3/16(.188)	1/4 - 3/8	Domed	.527
239-057	250	--	--	3/16(.188)	1/4 - 3/8	L. Flange	.527
239-059	250	--	--	3/16(.188)	3/8 - 1/2	Domed	.652
239-060	250	--	--	3/16(.188)	3/8 - 1/2	L. Flange	.652

## ALUMINUM RIVET – STEEL MANDREL



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Box #	Qty/box	Hang Pack #	Qty/Pack	Rivet Diam.	Grip Range	Head Type	Length
239-111	500	239-711	50	1/8(.125)	1/16 - 1/8	Domed	.232
239-114	500	239-714	50	1/8(.125)	1/8 - 3/16	Domed	.294
239-117	500	239-717	50	1/8(.125)	3/16 - 1/4	Domed	.357
239-150	250	*239-750	25	3/16(.188)	1/16 - 1/8	Domed	.277
239-153	250	*239-753	25	3/16(.188)	1/8 - 1/4	Domed	.402
239-156	250	--	--	3/16(.188)	1/4 - 3/8	Domed	.527
239-159	250	--	--	3/16(.188)	3/8 - 1/2	Domed	.652
239-160	250	--	--	3/16(.188)	3/8 - 1/2	L. Flange	.652

## GRADE 2 HEX NUTS

# Coarse	# Fine	Size (in)	Width Across Flats	Thickness	Qty/box
081-014	082-014	1/4	7/16	7/32	100
081-016	082-016	5/16	1/2	17/64	100
081-018	082-018	3/8	9/16	21/64	100
081-020	082-020	7/16	11/16	3/8	50
081-022	082-022	1/2	3/4	7/16	50
081-023	082-023	9/16	7/8	31/64	25
081-024	082-024	5/8	15/16	35/64	25
081-026	082-026	3/4	1-1/8	41/64	20
081-028	082-028	7/8	1-5/16	3/4	20
081-030	082-030	1	1-1/2	55/64	20
081-032	082-032	1-1/8	1-11/16	31/32	15
081-034	082-034	1-1/4	1-7/8	1-1/16	15
081-037	082-037	1-3/8	2-1/16	1-11/64	10
081-038	082-038	1-1/2	2-1/4	1-9/32	10



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# HARDWARE AND REPAIR

## PLATED GRADE 2 HEX NUTS

# Coarse	# Fine	Size (in)	Width Across Flats	Thickness	Qty/box
083-014	084-014	1/4	7/16	7/32	100
083-016	084-016	5/16	1/2	17/64	100
083-018	084-018	3/8	9/16	21/64	100
083-020	084-020	7/16	11/16	3/8	50
083-022	084-022	1/2	3/4	7/16	50
083-023	084-023	9/16	7/8	31/64	25
083-024	084-024	5/8	15/16	35/64	25
083-026	084-026	3/4	1-1/8	41/64	20
083-028	084-028	7/8	1-5/16	3/4	20
083-030	084-030	1	1-1/2	55/64	20



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## GRADE 5 HEX NUTS

# Coarse	# Fine	Size (in)	Qty/box	# Coarse	# Fine	Size (in)	Qty/box
085-014	086-014	1/4	100	085-023	086-023	9/16	25
085-016	086-016	5/16	100	085-024	086-024	5/8	25
085-018	086-018	3/8	100	085-026	086-026	3/4	20
085-020	086-020	7/16	50	085-028	086-028	7/8	20
085-022	086-022	1/2	50	085-030	086-030	1	20

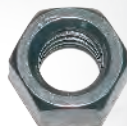


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## PLATED GRADE 5 HEX NUTS

# Coarse	# Fine	Size (in)	Qty/box	# Coarse	# Fine	Size (in)	Qty/box
087-014	088-014	1/4	100	087-023	088-023	9/16	25
087-016	088-016	5/16	100	087-024	088-024	5/8	25
087-018	088-018	3/8	100	087-026	088-026	3/4	20
087-020	088-020	7/16	50	087-028	088-028	7/8	20
087-022	088-022	1/2	50	087-030	088-030	1	20



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## FLANGE NUTS

- Provide better load distribution
- Flange bridges oversize or elongated holes
- TENSILOCK - one-piece, hardened, ratchet teethed base
- (B) STANDARD - in regular and large flange (L) patterns

### Dimensions

Tensilock	Standard	Thread Size	Hex F	Thick H	Flange M
118-014	118-114	1/4-20	7/16	15/16	19/32
118-016	118-116	5/16-18	1/2	9/32	43/64
	118-117	5/16-18L	1/2	23/64	13/16
118-018	118-118	3/8-16	9/16	11/32	47/64
	118-119	3/8-16L	9/16	25/64	29/32
	118-120	7/16-14	11/16	25/64	59/64
118-022	118-122	1/2-13	3/4	29/64	1-1/64



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## GRADE 8 METRIC HEX NUTS

• High tensile nuts conform to ISO-Metric specifications

Dia.(D)	M3	M4	M5	M6	M7	M8	M10
A.F.(W)	5.5	7	8	10	10	13	17
Thick.(T)	2.4	3.2	4	5	5.5	6.5	8
Coarse - Pitch (mm)	0.5	0.7	0.8	1	1	1.25	1.50
Coarse No.	670-003	670-004	670-005	670-006	670-007	670-008	670-010
Qty/Box	100	100	100	100	100	100	100
Fine Pitch - (mm)	--	--	--	--	--	1.0	1.25
Fine No.	--	--	--	--	--	670-208	670-210
Qty/Box	--	--	--	--	--	25	25
Xfine Pitch - (mm)	--	--	--	--	--	--	1.0
XFine No.	--	--	--	--	--	--	670-750
Qty/Box	--	--	--	--	--	--	25

Dia.(D)	M12	M14	M16	M18	M20	M24
A.F.(W)	19	22	24	27	30	36
Thick.(T)	9.5	11	13	15	16	16
Coarse - Pitch (mm)	1.75	2	2	2.5	2.5	3
Coarse No.	670-012	670-014	670-016	670-018	670-020	670-024
Qty/Box	50	25	25	25	25	25
Fine Pitch - (mm)	1.5	1.5	1.5	1.5	1.5	--
Fine No.	670-212	670-214	670-216	670-218	670-220	--
Qty/Box	25	25	25	25	25	--
Xfine Pitch - (mm)	1.25	--	--	--	--	--
XFine No.	670-765	--	--	--	--	--
Qty/Box	25	--	--	--	--	--



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## METRIC FLANGE NUTS

#	Size	Qty
244-986	M6x1.0	25
244-987	M8x1.25	25
244-988	M10x1.5	25
244-990	M12x1.75	25
244-996	M6x1.0	25
244-997	M8x1.25	25
244-998	M10x1.25	25



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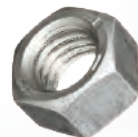
## HEX MACHINE SCREW NUTS

#	Size
184-006	6-32
184-008	8-32
184-010	10-24
184-011	10-32
184-012	12-24
184-014	1/4-20



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# HARDWARE AND REPAIR

## POZI-LOK® STOP NUTS

- Nylon insert torque locknuts for Grade 2 and Grade 5 screws
- Vibration resist, may be re-used up to 50 times
- Nylon collar prevents liquid seepage and internal corrosion



#	Coarse		Fine		Dimensions	
	Size	#	Size	Qty/Box	A Width	B Width
104-014	1/4-20	109-014	1/4-28	100	7/16	.313
108-016	5/16-18	109-016	5/16-24	100	1/2	.344
108-018	3/8-16	109-018	3/8-24	100	9/16	.453
108-020	7/16-14	109-020	7/16-20	50	5/8	.453
108-022	1/2-13	109-022	1/2-20	50	3/4	.594
108-023	9/16-12	109-023	9/16-18	25	7/8	.641
108-024	5/8-11	109-024	5/8-18	25	15/16	.750
108-026	3/4-10	109-026	3/4-16	20	1-1/16	.875
--	--	109-028	7/8-14	20	1-1/4	.984
--	--	109-030	1-14	20	1-7/16	1.047



## PHOSPHATE-COATED 'U' NUTS

#	Size	Thread	#	Size	Thread
240-614	1/4-20	Multi	240-715	#14 L	Single
240-615	1/4-20 L	Multi	240-726	M6.3	Single
240-616	5/16-18	Multi	240-604	M4x0.7	Multi
240-617	5/16-18 L	Multi	240-605	M4x0.7	Multi
240-618	3/8-16 L	Multi	240-606	M6x1	Multi
240-619	3/8-16	Multi	240-607	M6x1 L	Multi
240-706	#6	Single	240-608	M8x1.25 L	Multi
240-708	#8	Single	240-609	M8x1.25	Multi
240-709	#8 L	Single	240-610	M10x1.5	Multi
240-710	#10	Single	240-612	M6.3x1	Multi
240-714	#14	Single			



## METRIC FLANGE HEX BOLTS

- For Asian import applications
- Class 10.9

#	Dia. x Pitch x Length	Hex F mm	Flange M mm	Qty/Box
611-267	M6x1.0x12mm	10	14	20
611-270	M6x1.0x16mm	10	14	20
611-272	M6x1.0x20mm	10	14	20
611-274	M6x1.0x25mm	10	14	20
611-276	M6x1.0x30mm	10	14	20
611-277	M6x1.0x35mm	10	14	20
611-278	M6x1.0x40mm	10	14	20
611-311	M8x1.25x12mm	12	17.5	20
611-314	M8x1.25x16mm	12	17.5	20
611-316	M8x1.25x20mm	12	17.5	20
611-318	M8x1.25x25mm	12	17.5	20
611-320	M8x1.25x30mm	12	17.5	20
611-321	M8x1.25x35mm	12	17.5	20
611-322	M8x1.25x40mm	12	17.5	20
611-324	M8x1.25x50mm	12	17.5	15





## METRIC HEX HEAD CAP BOLTS, GRADE 8

- High tensile screws made to ISO-Metric specifications
- Tensile strength 800 MPa (118,000 PSI)
- Zinc chromate plated
- Regular ISO coarse thread series

Dia. (D)	M5	M6	M7	M8	M10	M12
Size	.197"	.236"	.276"	.315"	.394"	.472"
A.F. (W)	8	10	11	13	17	19
Height (H)	3.5	4.0	5.5	5.5	7.0	8.0
Pitch (mm)	.80	1.00	1.00	1.25	1.50	1.75
<b>Length</b>						
12 mm	--	608-267	--	608-311	--	--
16 mm	608-201	608-270	--	608-314	608-364	--
20 mm	608-203	608-272	--	608-316	608-366	--
25 mm	608-205	608-274	--	608-318	608-368	608-412
30 mm	--	608-276	--	608-320	608-370	608-414
35 mm	--	608-277	--	608-321	608-371	608-415
40 mm	--	608-278	--	608-322	608-372	608-416
45 mm	--	608-279	--	608-323	608-373	608-417
50 mm	--	608-280	--	608-324	608-374	608-418
60 mm	--	--	--	608-326	608-376	608-420
70 mm	--	--	--	608-328	608-378	608-422
80 mm	--	--	--	608-330	608-380	608-424
90 mm	--	--	--	--	--	608-425
100 mm	--	--	--	--	--	608-426



## 18.8 STAINLESS STEEL FASTENERS

- Corrosion-resistant Type 300 Series (18% chromium - 8% nickel)
- Used in Marine applications, food processing equipment and wherever resistance to most acids and chemicals is required
- Non-magnetic
- UNC thread



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Diameter	1/4-20	Qty/ Box	5/16-18	Qty/ Box	3/8-16	Qty/ Box	1/2-13	Qty/ Box
3/4	5000-307	100	5000-442	100	5000-487	100	--	--
1	5000-309	100	5000-444	100	5000-489	100	5000-579	25
1-1/2	5000-313	100	5000-448	100	5000-493	100	5000-583	25
2	5000-316	100	5000-451	100	5000-496	100	5000-586	20
2-1/2	5000-318	50	5000-453	50	5000-498	50	5000-588	20
3	5000-320	25	5000-455	25	5000-500	25	5000-590	10
HEX	5026-014	100	5026-016	100	5026-018	100	5026-0	50





# HARDWARE AND REPAIR

## BODY BOLTS

#	Size	Type	Washer O.D.	Factory No.
245-322	M6x1.0x22	1	19mm	N-606676
245-325	M6x1.0x30	1	19mm	6100568
245-400	M4.2x1.41x20	4	16mm	11500434
245-405	M6x1.0x20	2	17mm	11502941
245-407	M6x1.0x25	2	17mm	11503834
245-408	M6x1.0x25	2	24mm	11503982
245-420	M6.3x1.0x20	2	17mm	11501105
245-424	M6.3x1.0x25	2	18mm	11500754
245-425	M6.3x1.0x25	2	24mm	365718
245-440	M8x1.25x30	2	24mm	11501188
245-450	M10x1.5x40	2	30mm	11501193
245-505	M6x1.0x20	3	13mm	11503800
245-325	M6x1.0x30	1	13mm	11503958
245-510	M6x1.0x35	2	17mm	11505044
245-525	M8x1.25x25	3	17mm	11503632
245-527	M8x1.25x30	3	17mm	11500971
245-610	1/4-20x1 1/4S/S	5	5/8	14007511
245-615	5/16-18x7/8	2	1-1/16	3846202
245-616	5/16-18x1	2	7/8	3968521
245-620	3/8-16x1	2	1	3986997
245-630	3/8-16x1 1/2	2	1-1/8	407217



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## METRIC FLAT WASHERS

#	Size (mm)	ID	OD	Thickness	Qty/Box
730-005	5	5.3	11.0	1.0	100
730-006	6	6.4	12.5	1.6	100
730-008	8	8.4	17.0	1.6	100
730-010	10	10.5	21.0	2.0	100
730-012	12	13.0	24.0	2.5	50
730-014	14	15.0	28.0	2.5	25
730-016	16	17.0	30.0	3.0	25
730-018	18	19.0	34.0	3.0	25
730-020	20	21.0	37.0	3.0	25



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## METRIC LOCK WASHERS

#	Size (mm)	ID	OD	Thickness	Qty/Box
740-005	5mm	5.1	8.7	1.2	100
740-006	6mm	6.1	11.1	1.6	100
740-008	8mm	8.2	14.2	2.0	100
740-010	10mm	10.2	17.2	2.2	100
740-012	12mm	12.2	20.2	2.5	50



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## SPRING LOCK WASHERS

- Non-linking
- Meet S.A.E. and the current ANSI B27.1 standard
- For Grade 2, 5, 8 or 9 bolts, and hi-collar for socket head cap screws

100's Bare	100's Plaqued	Bolt Size	Steel Section WxT	100's Bare	100's Plaqued	Bolt Size	Steel Section WxT
155-006	--	#6 (1/8)	.047 x .031	155-023	157-023	9/16	.188 x .141
155-008	--	#8 (5/32)	.055 x .040	155-024	157-024	5/8	.203 x .156
155-010	--	#10 (3/16)	.062 x .047	155-026	157-026	3/4	.234 x .188
155-012	--	#12 (7/32)	.070 x .056	155-028	157-028	7/8	.266 x .219
155-014	157-014	1/4	.109 x .062	155-030	157-030	1	.297 x .250
155-016	157-016	5/16	.125 x .078	155-032	--	1-1/8	.328 x .281
155-018	157-018	3/8	.141 x .094	155-034	--	1-1/4	.359 x .312
155-020	157-020	7/16	.156 x .109	155-036	--	1-3/8	.391 x .344
155-022	157-022	1/2	.171 x .125	155-038	--	1-1/2	.422 x .375



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## PLATED LOCK WASHERS

- 4037 high alloy steel
- Use with Grade 5, 8 or 9 bolts and for high load applications

#	Bolt Size (in)	Section W x T	Qty/Box	#	Bolt Size (in)	Section W x T	Qty/Box
101-014	1/4	.109 x .062	100	101-024	5/8	.203 x .156	50
101-016	5/16	.125 x .078	100	101-026	3/4	.234 x .188	40
101-018	3/8	.141 x .094	100	155-028	7/8	.266 x .219	40
101-020	7/16	.156 x .109	100	155-030	1	.297 x .250	40
101-022	1/2	.171 x .125	50	155-032	1-1/8	.411 x .375	20
101-023	9/16	.188 x .141	50				



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## TENSION WASHERS

- Heat treated, high carbon, plated steel washers
- Use two with each "Papcolloy" cap screw and nut to complete the system

# Coarse	Size (in)	ID	OD	Thickness	Qty/Box
101-114	1/4	9/32	5/8	.080	100
101-116	5/16	11/32	11/16	.080	100
101-118	3/8	13/32	13/16	.080	100
101-120	7/16	15/32	59/64	.080	100
101-122	1/2	17/32	1-1/16	.177	50
101-123	9/16	19/32	1-3/16	.177	50
101-124	5/8	11/16	1-5/16	.177	50
101-126	3/4	13/16	1-15/32	.177	40



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# HARDWARE AND REPAIR

## PLAIN STEEL WASHERS

1 lb Bare (454 g)	5 lb Bare (2.2 kg)	100's Bare	1 lb Plaqued (454 g)	100's Plaqued	100's Std Pkg.	Bolt Size	ID	OD	Thic- kness	Approx No. per lb
143-010	144-010	145-010	146-010	148-010	100	3/16	1/4	9/16	3/64	294
143-014	144-014	145-014	146-014	148-014	100	1/4	5/16	3/4	1/16	162
143-016	144-016	145-016	146-016	148-016	100	5/16	3/8	7/8	1/16	96
143-018	144-018	145-018	146-018	148-018	100	3/8	7/16	1	5/64	75
143-020	144-020	145-020	146-020	148-020	50	7/16	1/2	1-1/4	3/32	38
143-022	144-022	145-022	146-022	148-022	50	1/2	9/16	1-3/8	7/64	27
143-023	144-023	145-023	146-023	148-023	25	9/16	5/8	1-1/2	7/64	23
143-024	144-024	145-024	146-024	148-024	25	5/8	11/16	1-3/4	9/64	13
143-026	144-026	145-026	146-026	148-026	20	3/4	13/16	2	9/64	9
143-028	144-028	145-028	146-028	148-028	20	7/8	15/16	2-1/4	5/32	7
143-030	144-030	145-030	146-030	148-030	20	1	1-1/16	2-1/2	5/32	6
--	144-032	--	--	--	--	1-1/8	1-3/16	2-3/4	5/32	5
--	144-034	--	--	--	--	1-1/4	1-5/16	2-3/4	5/32	5
--	144-037	--	--	--	--	1-1/2	1-9/16	3-1/4	11/64	3

## S.A.E. WASHERS

- Made from Strip Steel
- Smooth, flat surfaces, free from burrs

100's Bare	100's Bare	100's Plaqued	100's Std Pkg.	Bolt Size	ID	OD	Thic- kness	Approx No. per lb
--	--	154-002	100	#2	3/32	1/4	1/32	2500
--	--	154-004	100	#4	1/8	5/16	1/32	1650
--	--	154-006	100	#6 (1/8)	5/32	3/8	3/64	800
149-008	--	154-008	100	#8	3/16	7/16	3/64	550
149-010	151-010	154-010	100	#10 (3/16)	7/32	1/2	1/16	350
149-014	151-014	154-014	100	1/4	9/32	5/8	1/16	225
149-016	151-016	154-016	100	5/16	11/32	11/16	1/16	200
149-018	151-018	154-018	100	3/8	13/32	13/16	1/16	140
149-020	151-020	154-020	50	7/16	15/32	59/64	1/16	105
149-022	151-022	154-022	50	1/2	17/32	1-1/16	3/32	55
149-023	151-023	154-023	25	9/16	19/32	1-3/16	3/32	45
149-024	151-024	154-024	25	5/8	21/32	1-5/16	3/32	36
149-026	151-026	154-026	20	3/4	13/16	1-1/2	1/8	22
149-028	151-028	154-028	20	7/8	15/16	1-3/4	1/8	16
149-030	151-030	154-030	20	1	1-1/16	2	1/8	12



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## FLAT FENDER WASHER

#	Bolt Size (in)	OD (in)	ID (in)	Thickness
162-393	3/16	1	13/64	3/64
162-394	3/16	3/4	13/64	3/64
162-395	1/4	1-1/4	9/32	1/16
162-396	5/16	1	11/32	1/16
162-397	5/16	1-1/4	11/32	1/16
162-398	3/8	1-1/2	13/32	1/16
162-399	5/16	1-1/2	11/32	1/16
162-400	1/2	2	17/32	1/16

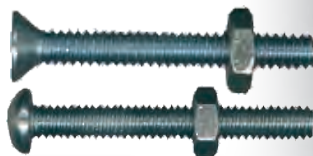


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## STOVE BOLTS

# Flat	# Round	Size (po)	# Flat	# Round	Size (po)	# Flat	# Round	Size (po)
195-087	196-087	1/8 x 1/2	195-204	196-204	3/16 x 3	195-453	196-453	5/16 x 2-1/2
195-089	196-089	1/8 x 3/4	195-305	196-305	1/4 x 1/2	195-455	196-455	5/16 x 3
195-091	196-091	1/8 x 1	195-306	196-306	1/4 x 5/8	195-493	196-493	3/8 x 1-1/2
195-093	196-093	1/8 x 1-1/4	195-307	196-307	1/4 x 3/4	195-496	196-496	3/8 x 2
195-095	196-095	1/8 x 1-1/2	195-309	196-309	1/4 x 1	195-498	196-498	3/8 x 2-1/2
195-189	196-189	3/16 x 1/2	195-311	196-311	1/4 x 1-1/4	195-500	196-500	3/8 x 3
195-191	196-191	3/16 x 3/4	195-313	196-313	1/4 x 1-1/2			
195-193	196-193	3/16 x 1	195-315	196-315	1/4 x 1-3/4			
195-320	196-320	1/4 x 3	195-316	196-316	1/4 x 2			
195-195	196-195	3/16 x 1-1/4	195-317	196-317	1/4 x 2-1/4			
195-197	196-197	3/16 x 1-1/2	195-318	196-318	1/4 x 2-1/2			
195-199	196-199	3/16 x 1-3/4	195-444	196-444	5/16 x 1			
195-200	196-200	3/16 x 2	195-448	196-448	5/16 x 1-1/2			
195-202	196-202	3/16 x 2-1/2	195-451	196-451	5/16 x 2			



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## FULLY THREADED STEEL UNI-RODS®

- Zinc-plated or bare metal
- Can be bent to shape without heating
- Used to make eye bolts, stud bolts, anchor bolts, etc.
- Just cut to length

Diameter	Plated 36"	Bare 36"	Plated 12"	Diameter	Plated Meter	Plated 300mm
1/4-20	141-314	141-354	141-204	M6	141-706	141-606
5/16-18	141-316	141-356	141-206	M8	141-708	141-608
3/8-16	141-318	141-358	141-208	M10	141-710	141-610
7/16-14	141-320	141-360	--	M12	141-712	141-612
1/2-13	141-322	141-362	141-212			
5/8-11	141-324	141-364	--			
3/4-10	141-326	141-366	--			
7/8-9	141-328	141-368	--			
1-8	141-330	141-370	--			



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# HARDWARE AND REPAIR

## LICENCE PLATE BOLTS

#	Size
245-902	1/4-20 x 5/8 assembly
245-903	14 x 5/8 indented hex
245-906	14 x 5/8 universal nylon nut
245-908	M6 x 20 bolt & M6 nut nylon
245-909	1/4-20 x 1/2 bolt & nut nylon
245-910	14 x 5/8 screw



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## TRIM FASTENERS

#	Factory No.	Application
247-056	22512276	GM Front End Stone Shield
247-210	25016383	GM Dash Panel
247-211	1605396, 3885775	GM, Ford, Chrysler; Radiator
247-212	20514862	GM Screen Shroud
247-215	332364, 359358	GM, Ford, Chrysler Fender
247-216	1619321	GM Radiator Apron
247-222	1631564, N804379-S	GM, Ford Bumper
247-230	480534, 384051-S	GM, Ford, Cowl Insulation
247-231	385595-S	Ford Hood Insulation
247-232	N803170-S	Ford Fascia
247-235	20032850, 387258-S	GM, Ford, Chrysler Mud Shield
247-236	2998430	Chrysler; Radiator Grill
247-237	6501067	Chrysler Fascia
247-238	4341060	Chrysler Hood Insulated
247-240	N-800505-S	Ford Radiator Attachment
247-245	385330-S, 6003351	Ford Grill, Chrysler Hood
247-248	20064875	GM Hood Insulation
247-249	3078511, 3977775	GM Hood Insulation (5pcs)
247-250	389809	GM Hood Insulation
247-252	386553-S	Ford Hood Insulation
247-253	388908-S	Ford Hood Insulation



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## OIL PAN GASKETS

• 25-piece package

#	Type	Size	#	Type	Size
263-801	Fibre	9/16 x 13/16 x 3/32	263-818	Nylon	12mm x 25mm
263-802	Fibre	5/8 x 7/8 x 3/32	263-820	Nylon	11/16 x 1
263-803	Fibre	11/16 x 7/8 x 3/32	263-824	Nylon	13/16 x 1-1/16
263-804	Fibre	3/4 x 1-1/16 x 3/32	263-828	Nylon	31/64 x 1-1/4
263-805	Fibre	13/16 x 1 x 3/32	263-855	Copper	31/64 x 3/4
263-807	Fibre	.920 x 1-1/8 x 3/32	263-856	Copper	19/32 x 13/16
263-808	Fibre	12mm x .748 x 3/32	263-857	Copper	5/8 x 1
263-809	Fibre	16mm x 1.062 x 3/32	263-860	Copper	3/4 x 1-1/16
263-810	Fibre	18mm x 1.062 x 3/32	263-800	Fibre	1/2 x 3/4 x 3/32
263-815	Nylon	31/64 x 3/4	263-870	Aluminum	14mm x 20mm
263-816	Nylon	9/16 x 13/16	263-873	Aluminum	18mm x 26mm
263-817	Nylon	5/8 x 15/16	263-875	Rubber/Metal	12mm x 25mm



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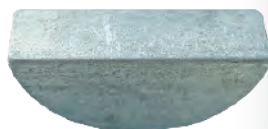
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## WOODRUFF KEYS

- S.A.E. 1035 Carbon Steel
- Used on armature shafts of starters and generators, etc

#	Size (Width x Diameter)	#	Size (Width x Diameter)	#	Size (Width x Diameter)
302-010	1/16 x 1/2	302-140	7/32 x 1	302-250	5/16 x 1-1/2
302-020	3/32 x 1/2	302-150	1/4 x 1	302-257	3/8 x 1-1/2
302-030	1/8 x 1/2	302-152	5/16 x 1	302-270	1/4 x 2-1/8
302-040	3/32 x 5/8	302-160	3/16 x 1-1/8	302-280	5/16 x 2-1/8
302-050	1/8 x 5/8	302-170	7/32 x 1-1/8	302-290	3/8 x 2-1/8
302-060	5/32 x 5/8	302-180	1/4 x 1-1/8	302-291	3/8 x 2-3/4
302-061	3/16 x 5/8	302-183	5/16 x 1-1/8	302-292	5/16 x 2-3/4
302-070	1/8 x 3/4	302-190	3/16 x 1-1/4		
302-080	5/32 x 3/4	302-200	7/32 x 1-1/4		
302-090	3/16 x 3/4	302-210	1/4 x 1-1/4		
302-091	1/4 x 3/4	302-214	5/16 x 1-1/4		
302-100	5/32 x 7/8	302-215	3/8 x 1-1/4		
302-110	3/16 x 7/8	302-010	1/16 x 1/2		
302-120	7/32 x 7/8	302-220	1/4 x 1-3/8		
302-121	1/4 x 7/8	302-236	3/8 x 1-3/8		
302-130	3/16 x 1	302-240	1/4 x 1-1/2		



## UNIVERSAL O-RINGS

- Used in automotive, agricultural and industrial equipment maintenance
- Nitrile Compound (Buna-N Rubber) resists petroleum oils, greases, automotive gasoline, alcohols, glycols, fuel oil, propane and many other fluids

#	Nominal Size			#	Nominal Size		
	ID	OD	Section		ID	OD	Section
304-001	1/8	1/4	1/16	304-017	7/8	1-1/8	1/8
304-002	5/32	9/32	1/16	304-018	15/16	1-3/16	1/8
304-003	3/16	5/16	1/16	304-019	1-1/4	1/8	1/8
304-004	7/32	11/32	1/16	304-020	1-1/16	1-5/16	1/8
304-005	1/4	3/8	1/16	304-021	1-1/8	1-3/8	1/8
304-006	5/16	7/16	1/16	304-022	1-3/16	1-7/16	1/8
304-007	3/8	1/2	1/16	304-023	1-1/4	1-1/2	1/8
304-008	3/8	9/16	3/32	304-024	1-5/16	1-9/16	1/8
304-009	7/16	5/8	3/32	304-025	1-3/8	1-5/8	1/8
304-010	1/2	11/16	3/32	304-026	1-7/16	1-11/16	1/8
304-011	9/16	3/4	3/32	304-027	1-1/2	1-3/4	1/8
304-012	5/8	13/16	3/32	304-028	1-1/2	1-7/8	3/16
304-013	11/16	7/8	3/32	304-029	1-5/8	2	3/16
304-014	3/4	15/16	3/32	304-030	1-3/4	2-1/8	3/16
304-015	3/4	1	1/8	304-031	1-7/8	2-1/4	3/16
304-016	13/16	1-1/16	1/8				





# HARDWARE AND REPAIR

## ELECTRO PLATED COTTER PINS

• Length is measured under the head to the end of the shortest leg

#	Diameter in	Length in	#	Diameter in	Length in
165-030	3/64	1/2	165-167	5/32	1
165-032	3/64	3/4	165-169	5/32	1-1/4
165-043	1/16	1/2	165-171	5/32	1-1/2
165-045	1/16	3/4	165-173	5/32	1-3/4
165-047	1/16	1	165-174	5/32	2
165-049	1/16	1-1/4	165-176	5/32	2-1/2
165-051	1/16	1-1/2	165-178	5/32	3
165-053	1/16	1-3/4	165-193	3/16	1
165-054	1/16	2	165-195	3/16	1-1/4
165-065	5/64	3/4	165-197	3/16	1-1/2
165-067	5/64	1	165-200	3/16	2
165-087	3/32	1/2	165-202	3/16	2-1/2
165-089	3/32	3/4	165-204	3/16	3
165-091	3/32	1	165-313	1/4	1-1/2
165-093	3/32	1-1/4	165-316	1/4	2
165-095	3/32	1-1/2	165-318	1/4	2-1/2
165-097	3/32	1-3/4	165-320	1/4	3
165-098	3/32	2	165-322	1/4	3-1/2
165-100	3/32	2-1/2	165-324	1/4	4
165-115	7/64	1	165-448	5/16	1-1/2
165-119	7/64	1-1/2	165-451	5/16	2
165-137	1/8	1/2	165-456	5/16	2-1/2
165-139	1/8	3/4	165-455	5/16	3
165-141	1/8	1	165-457	5/16	3-1/2
165-143	1/8	1-1/4	165-459	5/16	4
165-145	1/8	1-1/2	165-496	3/8	2
165-147	1/8	1-3/4	165-498	3/8	2-1/2
165-148	1/8	2	165-500	3/8	3
165-150	1/8	2-1/2	165-502	3/8	3-1/2
165-152	1/8	3	165-504	3/8	4



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## COPPER TUBING

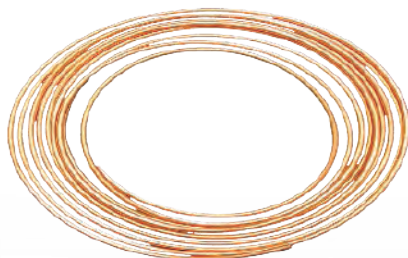
- Seamless and fully annealed alloy
- For refrigeration, gasoline and oil lines on automobiles, trucks, marine and diesel engines, oil burners, water lines, industrial and general purpose use
- 25' coil

#	OD (in)	Wall (in)
901-221	1/8	.030
901-231	3/16	.030
901-241	1/4	.030
901-251	5/16	.032
901-261	3/8	.032
901-271	1/2	.032
901-281	7/8	.035
901-291	3/4	.035



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## STEEL TUBING

- Tin coated and annealed
- .028 wall thickness, 25' length

#	Tube Size OD (in)
901-131	3/16
901-141	1/4
901-151	5/16
901-161	3/8



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## BRASS SHIM STOCK

- Uniform and accurate in thickness, hard temper

#	Thickness	Roll Size (in)	#	Thickness	Roll Size (in)
305-301	.001	3 x 36	305-602	.002	6 x 100
305-302	.002	3 x 36	305-603	.003	6 x 100
305-303	.003	3 x 36	305-604	.004	6 x 100
305-304	.004	3 x 36	305-605	.005	6 x 100
305-305	.005	3 x 36	305-606	.006	6 x 100
305-306	.006	3 x 36	305-607	.007	6 x 100
305-307	.007	3 x 36	305-608	.008	6 x 100
305-308	.008	3 x 36	305-609	.009	6 x 100
305-310	.010	3 x 36	305-610	.010	6 x 100
305-312	.012	3 x 36	305-612	.012	6 x 100
305-315	.015	3 x 36	305-615	.015	6 x 100
305-601	.001	6 x 100	305-620	.020	6 x 100



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## TAILPIPE HANGER 518 SERIES

- Fits 1-1/2" to 2-1/2" pipe
- Extra thick vibration absorbing rubber
- 11 gauge steel

#.....518513



510

MRW







# HARDWARE AND REPAIR

## MUFFLER CLAMPS

### Standard Duty

#	Description (in)	Size (in)
510118	1-1/8	5/16
510114	1-1/4	5/16
510138	1-3/8	5/16
510112	1-1/2	5/16
510134	1-3/4	5/16
510178	1-7/8	5/16
510200	2	5/16
510214	2-1/4	5/16

### Heavy-Duty

#	Description (in)	Size (in)
517112	1-1/2	3/8
517134	1-3/4	3/8
517158	1-5/8	3/8
517178	1-7/8	3/8
517200	2	3/8
517218	2-1/8	3/8
517214	2-1/4	3/8
517212	2-1/2	3/8

### Heavy-Duty, Slotted Hole Clamps

#	Description (in)	Size (in)
MC7112-050	1-1/2	3/8
MC7134-050	1-3/4	3/8
MC7158-050	1-5/8	3/8
MC7178-050	1-7/8	3/8
MC7200-050	2	3/8
MC7212-050	2-1/2	3/8
MC7214-050	2-1/4	3/8
MC7218-050	2-1/8	3/8
MC7234-050	2-3/4	3/8
MC7300-050	3	3/8
MC7314-050	3-1/4	3/8
MC7312-050	3-1/2	3/8
MC7400-050	4	3/8
MC7412-020	4-1/2	3/8
MC7500-020	5	3/8
MC7112A-100	1-1/2	3/8
MC7134A-050	1-3/4	3/8
MC7212A-050	2-1/2	3/8
MC7218A-100	2-1/8	3/8
MC7234A-050	2-3/4	3/8
MC7300A-050	3	3/8
MC7512-020	5-1/2	3/8
MC7600-020	6	3/8



510

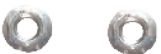
MRW

## FLANGE MOUNTING KITS

#	Application
ES423	Chrysler
ES491	Honda 64mm



ES423



ES491



510

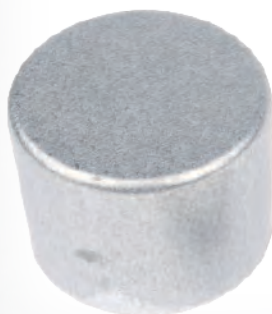
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## SPEEDI-SLEEVE

- Thin-walled, high-quality sleeve, for worn seal counterfaces at shaft ends
- Simply push in position over the worn shaft, and it is as good as new - if not better!

Nominal Shaft Diameter (in)	Shaft Diam. Range		Width on Shaft	Overall Width	Flange Diameter	Installation Depth (Z)
	Min. (in)	Max. (in)	(in ± 031) (X)	(in ± 031) (Y)	(in ± 063) (Y)	
0.472	0.469	0.475	0.236	0.331	0.61	1.875
			TO			
8	7.995	8.005	1	1.25	8.375	1.75



## RADIAL SHAFT SEALS

Shaft (ID)	Bore (D)	Nominal Seal Width
1	1.828	0.25
	Å	
8. 1/4	9.252	0.5



590

SKF



# HARDWARE AND REPAIR

## DOMESTIC BRAKE LINES – SAE INVERTED FLARE

- Fittings: BLF-10 and BLF-16
- Union: BLU-4



533

AGS

Poly-Armour Catalog No.	Size (in)	Edelmann	Weatherhead
PA-408	1/4 × 8	408ST	S408
PA-412	1/4 × 12	412ST	S412
PA-420	1/4 × 20	420ST	S420
PA-430	1/4 × 30	430ST	S430
PA-440	1/4 × 40	440ST	S440
PA-451	1/4 × 51	451ST	S451
PA-460	1/4 × 60	460ST	S460
PA-472	1/4 × 72	472PVF	--

## DOMESTIC BRAKE LINES – SAE INVERTED FLARE

- Fitting: BLF-14
- Union: BLU-5



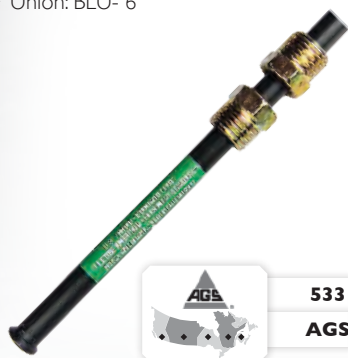
533

AGS

Poly-Armour Catalog No.	Size (in)	Edelmann	Weatherhead
PA-508	5/16 × 8	508ST	S508
PA-512	5/16 × 12	512ST	S512
PA-520	5/16 × 20	520ST	S520
PA-530	5/16 × 30	530ST	S530
PA-540	5/16 × 40	540ST	S540
PA-551	5/16 × 51	551ST	S551
PA-560	5/16 × 60	560ST	S560
PA-572	5/16 × 72	572PVF	--

## DOMESTIC BRAKE LINES – SAE INVERTED FLARE

- Fitting: BLF-15
- Union: BLU-6



533

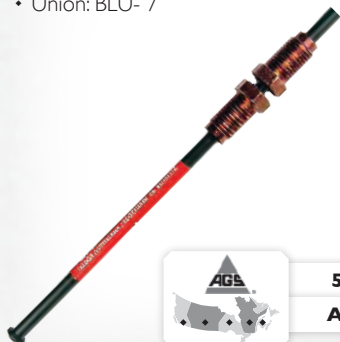
AGS

Poly-Armour Catalog No.	Size (in)	Edelmann	Weatherhead
PA-608	3/8 × 8	608ST	S608
PA-612	3/8 × 12	612ST	S612
PA-620	3/8 × 20	620ST	S620
PA-630	3/8 × 30	630ST	S630
PA-640	3/8 × 40	640ST	S640
PA-651	3/8 × 51	651ST	S651
PA-660	3/8 × 60	660ST	S660
PA-672	3/8 × 72	672PVF	--



## BRITISH LINE – ISO BUBBLE FLARE

- Fitting: BLF-38
- Union: BLU- 7



**533**

**AGS**

Poly-Armour Catalog No.	Size (in)	Edelmann	Weatherhead
PAB-308	3/16 × 8	5308ST	SB308
PAB-312	3/16 × 12	5312ST	SB312
PAB-320	3/16 × 20	5320ST	SB320
PAB-330	3/16 × 30	533 / AGS0ST	SB330
PAB-340	3/16 × 40	5340ST	SB340
PAB-351	3/16 × 51	5351ST	SB351
PAB-360	3/16 × 60	5360ST	SB360

## JAPANESE LINE – SAE INVERTED FLARE/METRIC

- Fitting: BLF-40
- Union: BLU- 9



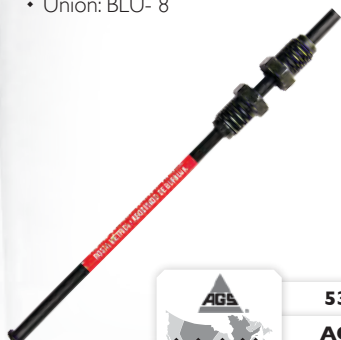
**533**

**AGS**

Poly-Armour Catalog No.	Size (in)	Edelmann	Weatherhead
PAJ-308	3/16 × 8	4308ST	SJ308
PAJ-312	3/16 × 12	4312ST	SJ312
PAJ-320	3/16 × 20	4320ST	SJ320
PAJ-330	3/16 × 30	4330ST	SJ330
PAJ-340	3/16 × 40	4340ST	SJ340
PAJ-351	3/16 × 51	4351ST	SJ351
PAJ-360	3/16 × 60	4360ST	SC360

## EUROPEAN LINE – ISO BUBBLE FLARE/METRIC

- Fitting: BLF-39
- Union: BLU- 8



**533**

**AGS**

Poly-Armour Catalog No.	Size (in)	Edelmann	Weatherhead
PAE-308	3/16 × 8	6308ST	SC308
PAE-312	3/16 × 12	6312ST	SC312
PAE-320	3/16 × 20	6320ST	SC320
PAE-330	3/16 × 30	6330ST	SC330
PAE-340	3/16 × 40	6340ST	SC340
PAE-351	3/16 × 51	6351ST	SC351
PAE-360	3/16 × 60	6360ST	SC360
PAE-372	3/16 × 72	--	--
PAE-384	3/16 × 84	--	--





# HARDWARE AND REPAIR

## BRAKE LINE COIL

- Use PAC-325 to fabricate 3/16" Domestic, European, Japanese, British, and adapter brake lines
- Use PAC-425 to fabricate 1/4" Domestic and adapter brake lines

#	Size(in x ft)
PAC-325	3/16 x 25
PAC-425	1/4 x 25



533

AGS

## FUEL & TRANSMISSION LINE COIL

- Use PAC-525 to fabricate 5/16" fuel and transmission lines
- Use PAC-625 to fabricate 3/8" fuel and transmission lines

#	Size(in x ft)
PAC-525	5/16 x 25
PAC-625	3/8 x 25



533

AGS

## BRAKE LINE COIL

- Use to fabricate 3/16" Domestic, European, Japanese, British, and adapter brake lines

#	Size(in x ft)
CNC-3100	3/16 x 100
CNC-325	3/16 x 25
CNC-4100	1/4 x 100
CNC-425	1/2 x 25



533

AGS



# AUTOMOTIVE DETAILING

## MOTHERS® MAG ALUMINUM POLISH

- Mothers® secret formula balances a brilliant shine with easy use
- For aluminum wheels and parts, brass, alloys and accessories

#	Format
05101	283 g
35100	141 g



413

MOT



## BACK-TO-BLACK® EXTERIOR BUMPER & TRIM CARE

- Trim treatment is great for all sorts of exterior hardware in all colors
- Apply to sun-burnt plastic, rubber and vinyl to revive factory-new shine
- 453.6 g (16 oz)

# ..... 36108



413

MOT



## MOTHERS® CARPET AND UPHOLSTERY CLEANER

- Reveals the true color and character of your interior
- Removes stubborn stains
- Works on vinyl, velour, cloth, carpet, and sheepskin
- pH balanced
- 24 oz spray bottle

# ..... 05424



413

MOT



## MOTHERS® CHROME POLISH

- Protects chrome with advanced polymers
- Resists smudges and fingerprints
- Use on wheels, bumpers, mirrors, headlight bezels and chrome accessories
- Safe on black chrome and on glass

# ..... 35208



413

MOT



## POWERBALL 4LIGHTS® HEADLIGHT RESTORATION KIT

- Designed to quickly and safely restore, maintain and protect all types of smooth, shiny plastic and acrylic headlights to crystal clarity and leaves a protective oxidation inhibiting polymer layer to guard against future degradation from the elements
- Removes yellowing and stains
- Buffs out unsightly hairline scratches, smudges, and flaws
- 226.8 g (8 oz)

# ..... 37250



413

MOT



## MOTHERS® LEATHER CLEANER

- High-traffic leather interiors, convertibles with leather and essentially every other smooth leather requires care regularly
- pH-balanced formula that safely lifts impregnated dirt, grime and stains from your precious leather interior
- 355 ml

# ..... 36412



413

MOT





## MOTHERS® LEATHER CONDITIONER

- Formulated with lanolin and neat's foot oil
- Leaves a protective barrier to seal out the detrimental effects of the sun, time and daily abuse
- 355 ml

#.....36312



**413**  
**MOT**



## MOTHERS® POWERMETAL® METAL POLISH

- Extraordinary liquid metal polish
- Use by hand or with the PowerBall® polishing tool
- Ideal for all polishable metals
- Cleans aluminum, brass, stainless steel, gold, silver and more

#.....35148



**413**  
**MOT**



## MOTHERS® SHOWTIME

- Made for that show sparkle
- Removes that layer of dust and gets you ready for the judges
- Instant detailer cleans off fingerprints and smudges, while hiding minor imperfections and spider webbing
- 473 ml

#.....38216



**413**  
**MOT**



## MOTHERS® POWERBALL®

- Foam polishing tool designed to revitalize billet, diamond plate, polished aluminum, stainless steel, plastic lenses, convertible top windows and much more
- Use with plastic, chrome, aluminum and billet polishes, ideal on any uncoated, polishable metal finish
- Compresses to fit tight spaces
- Brings intricate metalwork to a mirror-like finish

#.....	Size.....
35140	Regular
35141	Mini



**413**  
**MOT**



## MOTHERS® PROTECTANT

- Mothers preserves protectant is formulated to recondition and maintain the original condition and appearance of dashboards, vinyl, bumpers, trim, tires and more
- No oily surface-coating film
- Ozone and smog resistant, UV shielding
- Protects for 30 days

#.....	Size.....
35316	16 oz
05324	24 oz



**413**  
**MOT**



## MOTHERS® POWERCONE®

- Combined with Mothers® metal polish, provides a deep, mirror-like shine
- Conical shape ideal for getting into small areas

#.....35146



**413**  
**MOT**



## CALIFORNIA GOLD® SCRATCH REMOVER

- Works on restoring high mileage paint and remove surface scratches
- 226.8 g (8 oz)

#.....38408



**413**  
**MOT**





# AUTOMOTIVE DETAILING

## TO-GO AUTO CLEANING WIPES

- Auto cleaning wipes in a convenient in-car storage pouch
- 650 ml

# ..... 11020



219  
ARM



## ORIGINAL PROTECTANT WIPES

- Help prevent cracking, fading, discoloration & premature aging. Renew & revitalize vinyl, rubber & plastic
- 25 wipes

# ..... 10859



219  
ARM



## CLEANING WIPES

- Specially formulated to clean the car dash, vinyl, fabric, carpet, consoles, leather, and more
- 25 wipes

# ..... 10869



219  
ARM



## ULTRASHINE® PROTECTANT WIPES

- Leave a long lasting high-gloss shine
- 20 wipes

# ..... 32063



219  
ARM



## ORANGE CLEANING WIPES

- Formulated with degreasers and leaves a crisp, clean, citrus fragrance
- 25 wipes

# ..... 10925



219  
ARM



## CAR WASH

- Rich, foaming lather rinses clean even in cold water and leaves your car spot-free and streak-free
- 715 ml

#	Size
25101	715 ml
25102	1.89 L



219  
ARM



## GLASS WIPES

- 25 wipes

# ..... 10850



219  
ARM



## MULTI PURPOSE CLEANER

- Removes tough ground-in dirt, grease, road grime, tar and brake dust without discoloring auto carpets or upholstery
- 473 ml

# ..... 11068



219  
ARM



## LEATHER WIPES

- Contain cleansing agents, conditioners and blocking agents that help protect against spills, stains, cracking, fading, discoloration & premature aging
- 20 wipes

# ..... 10856



219  
ARM







## ORIGINAL PROTECTANT – IMPROVED

- Improved UV protection ArmorAll

#	Size
10125	118 ml
11300	300 ml
78021	475 ml
12035	1.89 L



**219**  
**ARM**

## TIRE FOAM® PROTECTANT

- Fleet Chemicals
- Cleans tires within minutes without wiping and leaves a lustrous shine
- 567 g

# ..... 78173



**219**  
**ARM**



## ORIGINAL PROTECTANT

- 950 ml

# ..... 78024



**219**  
**ARM**

## ULTRA SHINE® PROTECTANT

- High shine protectant
- 475 ml

# ..... 32062



**219**  
**ARM**



## OXI MAGIC® CARPET AND UPHOLSTERY CLEANER

- Works like magic on coffee, juice, cola, tea, mud/dirt, grass and motor oil
- 650 ml

# ..... 10926



**219**  
**ARM**

## ALUMINUM POLISH

- Ammonia-free product
- Perfect for cleaning and polishing ncoated aluminum
- Non-scratching or hazing

#	Size
1824	75 ml tube
1831	750 ml can



**613**  
**AOS**



## METALLIC POLISH

- Created for superior results on all metal surfaces
- Provides intensive, yet gentle cleaning
- Removes oxidation, tarnishes and stains
- Protects against future rust and tarnish

#	Size
1000	3.33 oz tube
1100	750 ml can
1188	400 ml bottle
1210	250 ml bottle



**613**  
**AOS**

## INDUSTRIAL STAINLESS STEEL CLEANER

- Removes grease and oily residues
- Neutral in color and odor
- Also cleans brass, anodized and enameled metal surfaces
- 500 ml spray bottle (16.9 fl/oz)

# ..... 1700



**613**  
**AOS**





# AUTOMOTIVE DETAILING

## GLASS CLEANER WITH AMMONIA PF 514

- Streak free, non-smear, and will not leave a film
- 650 ml (22 oz)

# ..... 400-10



333

CXF



## GLASS CLEANER

- Helps remove labels and stickers from glass, mirrors, plastics, acrylics, fibreglass, computer screens, counters, stainless steel and chrome
- 510 g

# ..... 14100



218

CRC



## EMPTY TRIGGER BOTTLE

- 24 oz sprayer with measurements

# ..... 14021



218

CRC



## HI FOAM CAR WASH SOAP

# ..... Size  
DCW20 20 L



609

DSS



## SPONGES AND WASH MITTS

#	Description
2240	Large bone sponge
2241	Large sponge
2246	2-in-1 scrub & wash bug sponge
2247	Nylon bug sponge
2249	Wax applicator
2250	Large wash mitt simulated lambswool



074

ILI

## BLACK DASHBOARD CLEANER

- Revolutionary interior surface cleaner and protectant that gently penetrates and conditions
- Anti-static ingredients
- Repels dust and film
- Leaves a pleasant lemon or wild cherry scent

#	Fragrance	Format
291	Lemon	380g / 600 ml
293	Wild Cherry	380g / 600 ml



201

KLF

## ARMASHINE CARPET AND UPHOLSTERY CLEANER

- Cleans and refreshes upholstery and carpets
- 500 ml

# ..... 271



201

KLF



## MULTI-KLEEN

- Economical concentrated heavy-duty cleaner
- Excellent for both commercial and domestic use



201

KLF

#	Size
174	710 ml
175	4 L
176	20 L





## MULTI-KLEEN PLUS

- Industrial strength, multi-purpose cleaner
- Super concentrated, non-abrasive and biodegradable

#	Size
184	710 ml
186	4 L
187	20 L



201  
KLF

## GLASS CLEANER

- Professional product for cleaning windows, mirrors, Formica and porcelain, chrome, paintworks and steel surfaces
- 550 g

# ..... 885



201  
KLF



## ARMASHINE LIQUID GLASS CLEANER

- Cuts through road grime, oily dirt, dust and smokers film
- 725 ml

# ..... 269



201  
KLF

## ARMASHELL PAINT AND FIBERGLASS RECONDITIONER

- Penetrates and dissolves surface accumulation of oxidation, sun dried dead paint, road film and stubborn grime
- 425 ml

# ..... 275



201  
KLF



## ARMASHINE PROTECTANT

- Protects and beautifies vinyl, treated leather, rubber and plastic surfaces

#	Size
192	500 ml
193	750 ml
194	4 L



201  
KLF

## ARMASHINE TIRE FOAM

- Cleans, shines and protects tires in minutes
- Protective enduring shine restores tires' original lustre
- 600 g

# ..... 198



201  
KLF



## GOLDEN WAX WASH POWDER

- Cleans and waxes in one step!

#	Size
1224	3 kg
1226	13.6 kg



201  
KLF

## WASH'N WAX LIQUID

- Dries without spotting or streaks

#	Size
851	450 ml
852	4 L
853	20 L



201  
KLF





# AUTOMOTIVE DETAILING

## DRYING TOWELS

#	Size (sq.ft.)	Description
6-2361	3	Ultra-absorbent
6-2367	6	Microfiber



515  
MAL

## 12" TIRE BRUSH

# 4-2522



515  
MAL

## FLOW-THRU WASH BRUSH

- Extra soft bristle
- Aluminum handle
- Adjustable water-saver valve

#	Length (in)
5-2607	43
5-2611	60

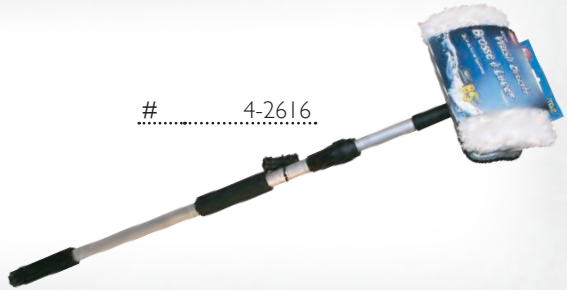


515  
MAL

## TELESCOPIC FLOW-THRU WASH BRUSH

- Extra soft bristle
- 10" contoured brush head
- Aluminum handle
- Adjustable water saver valve
- Extends to 65"

# 4-2616



515  
MAL

## MICROFIBER 2-IN-1 WASH & SCRUB MITT

# 6-2307



515  
MAL

## WASH BUCKET

- 2 Gallons

# 864 BLACK



515  
MAL





## DIAMOND CUT COMPOUND 2.0

- Super fast low-dusting, low-splatter formula
- Ideal for high solids paint
- Use with rotary buffers
- 32 oz



# ..... M8532



**605**  
**MEG**

## PLAST-X® CLEAR PLASTIC CLEANER & POLISH

- Removes fine scratches, oxidation & grime
- Use alone by hand, or as a refill for Meguiar's® One-Step Headlight Restoration Kit (G1900C)



# ..... G12310C



**605**  
**MEG**

## MIRROR GLAZE® CLEANER

- Diminishing Abrasives™ cleaner cuts quickly, then reduce to a polishing rouge
- Buffered Abrasive™ cleaner action lubricates the finish to prevent scouring



# ..... Description



**605**  
**MEG**

M0416C Heavy-cut cleaner  
M0116C Medium-cut cleaner  
M0216C Fine-cut cleaner

## MIRROR GLAZE® SWIRL REMOVER 2.0

- Removes fine scratches and swirl marks, while providing a dark, dramatic shine
- Reduces splatter and makes application and wipe-downs easier



# ..... M0916C



**605**  
**MEG**

## MIRROR GLAZE® CLEAR PLASTIC POLISH

- Provides a finishing touch for maximum clarity and brilliance, and leaves an anti-static coating that helps repel damaging dust and dirt



# ..... M1008



**605**  
**MEG**

## SCRATCHX® 2.0 CLEANER

- Clear Coat safe
- Quickly and safely removes fine scratches, fingernail marks, paint transfer and parking lot scuffs



# ..... G10307C



**605**  
**MEG**

## MIRROR GLAZE® CLEAR PLASTIC CLEANER

- Non-abrasive, alcohol-free cleaner aggressively cleans and removes scratches on clear plastic without harming the surface.
- Follow with Meguiar's Plastic Polish for a perfect finish
- 8 oz



# ..... M1708



**605**  
**MEG**



# AUTOMOTIVE DETAILING

## OXIDATION REMOVER

- Removes moderate oxidation, scratches, stains and tough water spots on all fibreglass gel coat marine or RTV surfaces

#..... M4916C



605

MEG



## MIRROR GLAZE® VINYL & RUBBER CLEANER/CONDITIONER

- Complex formula that cleans, penetrates and rejuvenates vinyl and rubber surfaces
- Offers a durable protection which blocks UV rays
- Restores shine and colors
- Leaves the surface rich and natural

#..... M4016C



605

MEG



## MIRROR GLAZE® HEAVY-DUTY VINYL CLEANER

- Deep cleans even white textured vinyl
- Vinyl tops, seats and bumpers, golf bags, luggage and boat interiors
- 16 oz

#..... M3916



605

MEG



## PROFESSIONAL VINYL AND RUBBER CLEANER

- Cleans, penetrates and rejuvenates vinyl and rubber surfaces
- Screens out damaging UV rays
- Restores life and color and leaves a natural, rich matte finish
- 1 gallon

#..... M4001



605

MEG



## GOLD CLASS® RICH LEATHER CLEANER/CONDITIONER

- Cleans, shines and protects for car and home
- Conditioners nourish leather for a supple feel and look
- Leaves no white residue
- Great for perforated leather

#..... Description.....

G10900C Wipes (25)

G10916C Spray Bottle



605

MEG



## GOLD CLASS® RICH LEATHER CLEANER AND CONDITIONER LOTION

- One-step treatment that safely cleans and protects all types of leather and leaves the surface rich and natural
- Mild cleaners provide safe cleaning action without stripping nutrients and protection
- Special oils moisturize and condition the leather so it remains rich and supple
- Totally pH balanced and leaves no artificial slickness

#..... G7214



605

MEG



## QUICK INTERIOR DETAILER® PROTECTANT

- Safely cleans and enhances all interior surfaces
- Restores and protects the original finish

#..... G13616C



605

MEG





## FINAL INSPECTION® PROTECTANT

- Fast, mist-on, wipe-off for a "Show Car Shine"
- Spray and wipe for quick clean-up of compound polish and residue
- Ideal for use before customer delivery, to evaluate paint repairs or to look for surface defects
- Excellent as clay lubrication



#.....M3416C

**605  
MEG**



## HOT SHINE® TIRE GLOSS

- | #.....  | Description.....                   |
|---------|------------------------------------|
| G12115C | Aerosol –<br>High gloss protection |
| G12024C | Spray –<br>Long lasting shine      |



**605  
MEG**



## HOT RIMS® ALL WHEEL CLEANER

- Moderately aggressive cleaner for use on all factory-coated or painted wheels
- Unique foaming agents remove stubborn road residue and grime



#.....G9524C

**605  
MEG**



## DEEP CRYSTAL® CAR WASH

- Special sudsing ingredients safely remove dirt and grime
- Will not strip wax protection like dishwashing detergents



#.....G10464C

**605  
MEG**



## ULTIMATE WASH & WAX

- Clear coat safe
- Carnauba & synthetic polymer technology in our most premium wash
- Leaves a deep, glossy, just-waxed shine



#.....G17748C

**605  
MEG**



## QUIK DETAILER® WAX

- Maintains the vehicle's appearance
- Lubricates the surface whenever the vehicle is clayed
- Removes harmful contaminants before they damage your paint finish



#.....A3316C

**605  
MEG**



## ULTIMATE QUIK DETAILER® WAX

- Safely removes dust and surface contaminants in-between washing
- Hydrophobic polymer technology darkens the finish, adding protection and water beading



#.....G14422C

**605  
MEG**



## ONE STEP CLEANER WAX

- A non-abrasive formula that cleans polishes and protects all fiberglass gel coat marine or RTV surfaces in one step
- Removes light oxidation and haze, minor scratches, and swirls while providing long-lasting protection against salt air, corrosion and the sun's ultraviolet rays



#.....M5016C

**605  
MEG**







# AUTOMOTIVE DETAILING

## CLEANER WAX

- One step wax specially formulated to produce eye dazzling results on all finishes
- Rich conditioning oils
- Use Even Coat® applicator to apply cleaner wax and remove with a microfiber towel or ultra plush super terry towel for removal



605

MEG

#.....A1216C



## NXT GENERATION® SPRAY WAX

- The fastest way to add gloss and protection with superior polymer technology
- 24 oz

#.....G12824



605

MEG



## NXT GENERATION® TECH WAX® 2.0 PROTECTION

- Advanced Hydrophobic Polymer Technology Synthetic Wax that provides maximum protection and relentless water beading
- Produces deep gloss, vibrant colour, and amazing shine

#.....G12718C



605

MEG



## CLEANER/WAX

- One-step application cleans, polishes and protects
- Apply by hand or machine
- Removes light oxidation
- Creates long lasting, high gloss finish

#.....M0616C



605

MEG



## GOLD CLASS® CARNAUBA PLUS PREMIUM WAX

- Premium liquid carnauba wax leaves deeper reflections and a brilliant shine

#.....G7016C



605

MEG



## HI-TECH YELLOW PASTE WAX

- This high-tech yellow carnauba wax with silicones, polymers and other specialty waxes will enhance the depth of your car's color
- 11 oz

#.....M2611



605

MEG



## HI-TECH YELLOW LIQUID WAX

- Carnauba wax blended with silicones, polymers and other waxes
- Adds richness and depth of colour

#.....M2616C



605

MEG







## LIQUID MACHINE GLAZE

- Lets you achieve a deep, rich gloss unmatched by any other polish, glaze, wax, or sealant
- Rich nutrients penetrate and revitalize all paint finishes
- Buffing residue wipes off easily (use with a rotary buffer only)
- Also works on fibreglass and plastic
- 16 oz



# ..... M0316



**605**  
**MEG**

## QUIK INTERIOR DETAILER® WIPES

- Safely cleans and enhances all interior surfaces
- Restores and protects the original finish



# ..... G13600C



**605**  
**MEG**

## FOAM APPLICATOR PADS

- 4 reusable, machine-washable pads
- Spreads product evenly
- Ideal for use on paint, wheels and tires



# ..... W0004



**605**  
**MEG**

## 8" CUT N' SHINE® WOOL PAD

- Aggressive cutting without creating swirls
- Quick change Velcro backing system



# ..... W4000



**605**  
**MEG**

## WATER MAGNET® DRYING TOWEL

- Absorbs up to three times the water of traditional terry towels
- Creates a spot-free finish
- 22" x 30" waffle textured towel, trimmed with premium satin edges to prevent scratching



# ..... X-2000



**605**  
**MEG**

## SPRAY NINE® MULTI-PURPOSE CLEANER & DISINFECTANT

- The original... And NONE BETTER
- USDA approved, it safely cleans and degreases as well as disinfects surfaces from harmful viruses, germs and bacteria



# ..... Format .....



**203**

C26832 945 ml  
C26804 4 L  
C26820 20 L  
C26822 650 ml

## NO TOUCH® AUTO GLASS STRIPPER®

- Good on silicone build-up, hard water stains, mud, oil, bugs and tar



# ..... C23319



**203**

## GREZ-OFF CLEANER

- Biodegradable formula with powerful water-soluble solvents

# ..... Format .....

CI2532 946 ml  
CI2501 3.78 L  
CI2520 20 L  
CI2545 208 L



**203**





# AUTOMOTIVE DETAILING

## SLICK MIST® SPEED WAX

- Premium paint gloss intensifier
- Shines and protects in one easy application
- Excellent results on chrome, glass and vinyl decals
- Use on wet or dry surfaces
- 24 oz



277

LUC

# ..... 20160



## SLICK MIST® SPEED WAX

- Pina Colada fragrance
- pH Neutral (7-8)
- UV Resistant / Protection
- 24 oz



277

LUC

# ..... 20514



## NO TOUCH® TIRE CARE

- Spray on and walk away
- U.V. protection
- Satin finish
- 510 g



277

LUC

# ..... 36070



## NO TOUCH® TIRE CARE

- Spray on and walk away
- U.V. protection
- High gloss finish
- 510 g



277

LUC

# ..... 36079



## NO TOUCH® WET'N'PROTECT TIRE SHINE

- Spray on clean tires
- Wet look, ultra high gloss, streak-free shine
- Prevents cracking and swelling
- 425 g



277

LUC

# ..... 36081



## NO TOUCH® SERIOUSLY WET TIRE SHINE

- Protects tires from UV and ozone damage
- Prevents cracking and swelling
- 425 g



277

LUC

# ..... 36089



## NO TOUCH® ALL WHEEL CARE

- Loosens road grime and brake dust
- Leaves a shine and protective barrier
- Contains no acids
- 567 g



277

LUC

# ..... 36062





## TOP GUN® ALL PURPOSE CLEANER

• 16 oz

# ..... TGIC



205  
RAD



## TAR & BUG REMOVER

- Dissolves road tar, loosens bug deposits, and removes tree sap and other stains from auto finishes and metal surfaces
- 340 g

# ..... TRIC



205  
RAD



## BUG REMOVER WITH WAX

- Removes dried-on bug splatter, tree sap, grease and oil
- Leaves a glossy protective barrier
- 975 ml

# ..... BUG33C



205  
RAD



## AUTO DEODORIZER

- For cloth interiors
- Kills odours and inside smell and leaves a fresh scent
- 975 ml

# ..... DEOD33C



205  
RAD



## FOAMING GLASS CLEANER

• 550 ml

# ..... GCIC



205  
RAD



## TIRE SHINE

- Just spray on an leave, no need to wipe
- Lasting shine and protection
- 481 g

# ..... FTS21C



205  
RAD



## FOAMING CARPET AND UPHOLSTERY CLEANER

- Deep cleans carpets, fabric, vinyl and leather
- 623 g

# ..... MPC22C



205  
RAD



## WHEEL CLEANER

- Foaming action removes dirt grime and brake dust
- Safe on all wheels
- 623 g

# ..... FWC22C



205  
RAD





# AUTOMOTIVE DETAILING

## HIGH FOAM CAR WASH

• 3.78 L

#.....5069151



249

RNX



## WASH & WAX® WITH CARNAUBA WAX BEADS

• 1.83 L

#.....5056567



249

RNX



## X-TREME CLEAN® CLEANER

- Restores headlights and clear plastic by removing haze and discoloration
- Strips heavy residue, dirt, bugs, film and road grime from windshields and glass
- An ideal windshield prep for Rain X® Original Treatment
- 355 ml



249

RNX

#.....800001313



## ANTI-FOG® TOWELETTE

- For use on automotive and marine interior glass and mirrors
- Prevents interior fogging before the problem begins
- Removes smoke residue
- 207 ml



249

RNX

#.....BCAF21212CN



## GLASS TREATMENT/REPELLENT

- Seals microscopic pores in glass with a non-stick invisible barrier
- Repels rain, sleet and snow
- Allows easy removal of frost, ice, salt and bug splatter
- 473 ml



249

RNX

#.....BCRX11413CN6



## GLASS CLEANER

- Automotive strength glass cleaner
- Safe for permanently tinted windows
- 680 ml

#.....5076784



249

RNX



## ORIGINAL GLASS TREATMENT

- Improves visibility by repelling rain, sleet and snow
- Helps easily remove frost, ice, salt, mud and bugs
- 207 ml

#.....BCRX11212CN6



249

RNX







## BUGS-B-GONE® CLEANER

- Highly versatile auto and truck cleaner specially formulated to safely remove bugs and other organic residues from windshields, front grilles, bumpers or any vehicle surface



**241**  
**SEA**

#	Format
BBG1	16 oz / 473 ml
BBG4	1 gallon / 3.78 L
BBG5	8 oz / 236 ml
BBG-2	2 oz / 60 ml



## CHAMOIS



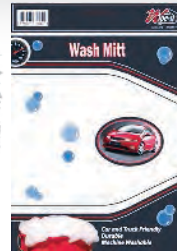
#	Description	Format (sq.ft.)
RCH-NB2	Natural	2
RCH-NB3	Natural	3
RCH-N35	Natural	3.5
RMFPU-4	Synthetic (Dry-Tex)	4



**582**  
**WIP**

## WASH MITTS

#	Description
RWM-P	Regular
RWM-D	Plush



**582**  
**WIP**

## MICROFIBER DETAILING CLOTHS

#	Size (in)	Description
RMF-5R	14 x 14	Red, pack of 5
RMFB-1616	16 x 16	Blue, pack of 5



**582**  
**WIP**