

UNIVERSAL RATCHETING REVERSIBLE COMBINATION WRENCH SETS

- Ratcheting side fits up to 11 different applications: 6pt. SAE/Metric, 12pt. SAE, Metric, Square, E-Torx, Spline, 50% Rounded Off, 8 pt SAE/Metric and Ribe of Nut
- 15 degree angled offset head provides for better leverage when in use, and helps reach into difficult confined spaces
- *Heavy-duty chrome-vanadium, molybdenum and tungsten steel construction* exceeds DIN standard by 200%
- Chrome plated with a mirror finish for corrosion resistance
- 72 tooth ratchet design for less travel between ratcheting action and provides for a 5 degree sweep in confined spaces
- Reverse switch on ratchet head allows you to change direction without the need to flip the wrench over
- Custom colored roll-up velcro roll-up pouch keeps tools organized, easy to store and distinguishes SAE from Metric
- The fastener head/nut point of contacts are evenly distributed onto larger surface areas during installation and disassembly, therefore distributing pressure instead of connecting to several sharp points, which reduces damage to fastener heads or nuts

LIFETIME WARRANTY



METRIC



SAE



15°



SETS

| Code # | Description | Size |
|------------|---|--|
| 893-1-0070 | 10 pc SAE Ratcheting Reversible Combination Wrench Set in custom roll-up pouch | 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16, 3/4" |
| 893-1-0075 | 14 pc SAE Ratcheting Reversible Combination Wrench Set in custom roll-up pouch | 893-1-0070 plus 13/16", 7/8" 15/16", 1" |
| 893-1-0080 | 11 pc Metric Ratcheting Reversible Combination Wrench Set in custom roll-up pouch | 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm |
| 893-1-0085 | 13 pc Metric Ratcheting Reversible Combination Wrench Set in custom roll-up pouch | 893-1-0080 plus 16mm, 18mm |



Universal Wrenches

UNIVERSAL WRENCH SETS (CONTINUED)

INDIVIDUAL WRENCHES

SAE

| Code # | Size |
|------------|--------|
| 893-1-2425 | 1/4" |
| 893-1-2431 | 5/16" |
| 893-1-2437 | 3/8" |
| 893-1-2443 | 7/16" |
| 893-1-2450 | 1/2" |
| 893-1-2456 | 9/16" |
| 893-1-2462 | 5/8" |
| 893-1-2468 | 11/16" |
| 893-1-2475 | 3/4" |
| 893-1-0071 | 13/16" |
| 893-1-0072 | 7/8" |
| 893-1-0073 | 15/16" |
| 893-1-0074 | 1" |

METRIC

| Code # | Size |
|------------|------|
| 893-1-2408 | 8mm |
| 893-1-2409 | 9mm |
| 893-1-2410 | 10mm |
| 893-1-2411 | 11mm |
| 893-1-2412 | 12mm |
| 893-1-2413 | 13mm |
| 893-1-2414 | 14mm |
| 893-1-2415 | 15mm |
| 893-1-0081 | 16mm |
| 893-1-2417 | 17mm |
| 893-1-0082 | 18mm |
| 893-1-2419 | 19mm |

Solution Series **HARD TOOLS**

UNIVERSAL DOUBLE OFFSET BOX END WRENCH SET

- Each boxed end side fits up to 11 different applications, 6pt. SAE/Metric, 12pt. SAE/Metric, Square, E-Torx, Spline, 50% Rounded Off, 8pt. SAE/Metric and Ribe of Nut
- *Heavy-duty mirror finish chrome-vanadium, molybdenum and tungsten steel construction* increases the strength 10 times the DIN standard
- Sets come in a custom velcro roll-up pouch that keeps tools organized and easy to store
- Torque limits are twice the minimum DIN standard
- The fastener head/nut point of contacts are evenly distributed onto larger surface areas during installation and disassembly, therefore distributing pressure instead of connecting to several sharp points, which reduces damage to fastener heads or nuts

LIFETIME WARRANTY



75 degree offset head provides better leverage when in use and helps reach into difficult and confined spaces.



UNIVERSAL DOUBLE OFFSET (CONTINUED)

SETS

| Code # | Description | Size |
|------------|--|-----------------------------|
| 893-1-0119 | 13 pc Universal Double Offset Box End Wrench Set in custom roll-up pouch | 1/4" (6mm) to 1-1/4" (32mm) |
| 893-1-0120 | 9 pc Universal Double Offset Box End Wrench Set in custom roll-up pouch | 1/4" (6mm) to 3/4" (19mm) |

INDIVIDUAL WRENCHES

| Code # | Size | Code # | Size |
|------------|------------------------------|------------|--------------------------------|
| 893-1-0121 | 1/4" X 9/32" (7mm) | 893-1-0127 | 5/8" (16mm) X 21/32" (17mm) |
| 893-1-0122 | (6mm) X 9/32" (7mm) | 893-1-0128 | 11/16" (18mm) X 3/4" (19mm) |
| 893-1-0123 | 5/16" (8mm) X 11/32" (9mm) | 893-1-0129 | 25/32" (20mm) X 7/8" (22mm) |
| 893-1-0124 | 3/8" (10mm) X 7/16" (11mm) | 893-1-0130 | 15/16" (24mm) X 1" (26mm) |
| 893-1-0125 | 15/32" (12mm) X 1/2" (13mm) | 893-1-0131 | 1-1/16" (27mm) X 1-1/8" (29mm) |
| 893-1-0126 | 9/16" (14mm) X 19/32" (15mm) | 893-1-0132 | 1-3/16" (30mm) X 1-1/4" (32mm) |

Solution Series HAND TOOLS

UNIVERSAL COMBINATION WRENCH SETS

- Boxed end is universal and fits up to 11 different applications: 6pt. SAE/Metric, 12pt. SAE/Metric, Square, E-Torx, Spline, 50% Rounded Off, 8pt. SAE/Metric and Ribe of Nut
- Open end fits specified size
- Heavy-duty chrome-vanadium, molybdenum and tungsten steel construction increases the strength 10 times the DIN standard
- Chrome plated with a mirror finish for corrosion resistance
- Custom colored roll-up velcro pouch keeps tools organized, and easy to store and distinguish from SAE and Metric
- Torque limits exceed double the normal DIN standard
- 15 degree angled offset head provides better leverage when in use and helps reach into difficult confined spaces
- A true problem solver for automotive and industrial applications
- The fastener head/nut point of contacts are evenly distributed onto larger surface areas during installation and disassembly, therefore distributing pressure instead of connecting to several sharp points, which reduces damage to fastener heads or nuts.

LIFETIME WARRANTY



SAE



METRIC



Universal Wrenches

UNIVERSAL COMBINATION WRENCH SETS (CONTINUED)

| Code # | Description | Size |
|------------|---|--|
| 893-1-0135 | 10 pc SAE Universal Combination Wrench Set in custom roll-up pouch | 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16, 3/4" |
| 893-1-0136 | 14 pc SAE Universal Combination Wrench Set in custom roll-up pouch | 893-1-0135 plus 13/16", 7/8" 15/16", 1" |
| 893-1-0150 | 13 pc Metric Universal Combination Wrench Set in custom roll-up pouch | 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14, 15, 17, 19mm |
| 893-1-0151 | 15 pc Metric Universal Combination Wrench Set in custom roll-up pouch | 893-1-0150 plus 16mm, 18mm |

INDIVIDUAL WRENCHES

SAE

| Code # | Size |
|------------|--------|
| 893-1-2478 | 1/4" |
| 893-1-2479 | 5/16" |
| 893-1-2480 | 3/8" |
| 893-1-2481 | 7/16" |
| 893-1-2482 | 1/2" |
| 893-1-2483 | 9/16" |
| 893-1-2484 | 5/8" |
| 893-1-2485 | 11/16" |
| 893-1-2486 | 3/4" |
| 893-1-0146 | 13/16" |
| 893-1-0147 | 7/8" |
| 893-1-0148 | 15/16" |
| 893-1-0149 | 1" |

METRIC

| Code # | Size |
|------------|-------|
| 893-1-2487 | 6mm |
| 893-1-2488 | 7mm |
| 893-1-2489 | 8mm |
| 893-1-2490 | 9mm |
| 893-1-2491 | 10mm |
| 893-1-2492 | 11mm |
| 893-1-2493 | 12mm |
| 893-1-2494 | 13mm |
| 893-1-2495 | 14mm |
| 893-1-2496 | 15mm |
| 893-1-0164 | 16mm |
| 893-1-2497 | 17mm |
| 893-1-0165 | 18 mm |
| 893-1-2498 | 19 mm |



On the boxed end, the fastener head/nut point of contact is evenly distributed onto larger surface areas during installation and disassembly. This distributes pressure instead of connecting to several sharp points, which reduces damage to fastener heads or nut.

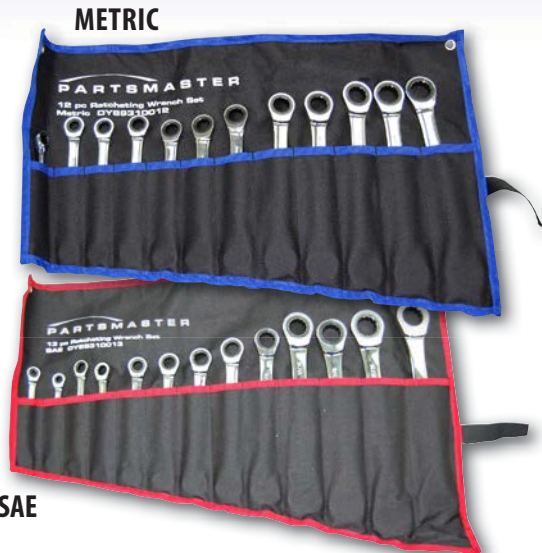
Solution Series HAND TOOLS

RATCHETING COMBINATION WRENCHES

LIFETIME WARRANTY

13 pc SAE and 12 pc Metric

- 72 tooth ratchet design for less travel between ratcheting action and provides for a 5 degree sweep in confined spaces
- Heavy-duty mirror finish chrome-vanadium steel construction provides strength and corrosion resistance
- Custom colored velcro roll-up pouch keeps tools organized, easy to store and distinguishes SAE and Metric



SETS

| Code # | Description | Size |
|------------|--|---|
| 893-1-0012 | 13 pc Metric Ratcheting Combination Wrench Set in custom roll-up pouch | 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm |
| 893-1-0013 | 14 pc SAE Ratcheting Combination Wrench Set in custom roll-up pouch | 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1" |

INDIVIDUAL WRENCHES

SAE

| Code # | Size |
|------------|--------|
| 893-1-0113 | 1/4" |
| 893-1-0213 | 5/16" |
| 893-1-0313 | 3/8" |
| 893-1-0413 | 7/16" |
| 893-1-0513 | 1/2" |
| 893-1-0613 | 9/16" |
| 893-1-0713 | 5/8" |
| 893-1-0813 | 11/16" |
| 893-1-0913 | 3/4" |
| 893-1-1013 | 13/16" |
| 893-1-1113 | 7/8" |
| 893-1-1213 | 15/16" |
| 893-1-1313 | 1" |

METRIC

| Code # | Size |
|------------|------|
| 893-1-0112 | 8mm |
| 893-1-0212 | 9mm |
| 893-1-0312 | 10mm |
| 893-1-0412 | 11mm |
| 893-1-0512 | 12mm |
| 893-1-0612 | 13mm |
| 893-1-0712 | 14mm |
| 893-1-0812 | 15mm |
| 893-1-0912 | 16mm |
| 893-1-1012 | 17mm |
| 893-1-1112 | 18mm |
| 893-1-1212 | 19mm |



Wrench Adapters

Solution Series **HAND TOOLS**

WRENCH TO RATCHET ADAPTER SET

Socket and bit adapters that increase the versatility of your tools

- Easily converts a ratcheting wrench into a low profile ratchet and a boxed end wrench into a small breaker bar
- Small, light and compact makes this a perfect addition to any mobile situation
- Fits conveniently in a tool pouch or tool box
- Converts any 6pt, 12pt or universal drive boxed end wrench into a low-profile tool that can drive 1/4", 3/8", or 1/2" square drive sockets
- Each socket adapter is equipped with a quick release button
- *Heavy-duty mirror finished chrome-vanadium steel construction*
- *Meets ASME B107.10m*

5pc SAE set consists of:

1ea. 1/4" X 3/8" socket adapter

(converts a 3/8" ratcheting wrench or boxed end wrench into a 1/4" drive ratchet)

1ea. 3/8" X 1/2" socket adapter

(converts a 1/2" ratcheting wrench or boxed end wrench into a 3/8" drive ratchet)

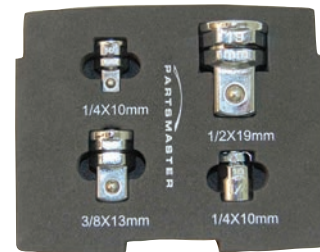
1ea. 1/2" X 3/4" socket adapter

(converts a 3/4" ratcheting wrench or boxed end wrench into a 1/2" drive ratchet)

1ea. 1/4" X 3/8" hex bit adapter

(converts a 3/8" ratcheting wrench or boxed end wrench into a 1/4" hex bit driver)

1ea. Custom EVA foam tray



5pc Metric set consists of:

1ea. 1/4" X 10mm socket adapter

(converts any 10mm ratcheting wrench or boxed end wrench into a 1/4" drive ratchet)

1ea. 3/8" X 13mm socket adapter

(converts any 13mm ratcheting wrench or boxed end wrench into a 3/8" drive ratchet)

1ea. 1/2" X 19mm socket adapter

(converts any 19mm ratcheting wrench or boxed end wrench into a 1/2" drive ratchet)

1ea. 1/4" X 10mm hex bit adapter

(converts any 10mm ratcheting wrench or boxed end wrench into a 1/4" hex bit driver)

1ea. Custom EVA foam tray



Good for installing bolts and driving screws

| Code # | Description |
|------------|--------------------------------------|
| 893-1-0099 | Wrench to Ratchet Adapter Set SAE |
| 893-1-0049 | Wrench to Ratchet Adapter Set Metric |

12PT. MULTI-TORQUE RELIEVED RADIUS COMBINATION WRENCH SETS

- Heavy-duty chrome-vanadium, molybdenum and tungsten steel construction increases the strength 10 times the DIN standard
- Chrome plated with a mirror finish for corrosion resistance
- The 12pt. Multi-Torque Boxed End Relieved Radius design allows this wrench to be used more effectively and efficiently than standard boxed end wrenches because the recessed edges allow for the boxed end to slide into position in out of position confined space applications
- 15 degree angled offset head provides for better leverage when in use and helps reach into different confined spaces
- Boxed and open ends are the same size
- Available in 12pt. SAE and Metric
- Meets ANSI B107.6 , SAE AS 954
- Wrench rack storage tree keeps wrenches organized and secure in tool boxes and mobile situations
- Custom colored roll-up velcro pouch keeps tools organized, easy to store and distinguishes SAE from Metric

LIFETIME WARRANTY

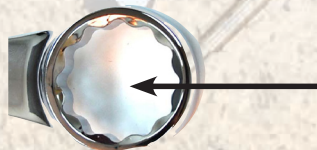
METRIC



SAE



| Code # | Description | Size |
|------------|--|--|
| 892-5-0001 | 10 pc SAE 12pt. Multi-Torque Relieved Radius Combination Wrench Set in custom roll-up pouch | 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" |
| 892-5-0016 | 11 pc SAE 12 pt. Multi-Torque Relieved Radius Combination Wrench Set | 892-5-0001 plus 13-Tool Wrench Rack Storage Tree |
| 892-5-0002 | 14 pc SAE 12pt. Multi-Torque Relieved Radius Combination Wrench Set in custom roll-up pouch | 892-5-0001 plus 13/16", 7/8", 15/16", 1" |
| 892-5-0017 | 15 pc SAE 12 pt. Multi-Torque Relieved Radius Combination Wrench Set | 892-5-0002 plus 13-Tool Wrench Rack Storage Tree |
| 892-5-0020 | 13 pc Metric 12pt. Multi-Torque Relieved Radius Combination Wrench Set in custom roll-up pouch | 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm |
| 892-5-0036 | 14 pc Metric 12 pt. Multi-Torque Relieved Radius Combination Wrench Set | 892-5-0020 plus 13-Tool Wrench Rack Storage Tree |
| 892-5-0021 | 15 pc Metric 12pt. Multi-Torque Relieved Radius Combination Wrench Set in custom roll-up pouch | 892-5-0020 plus 16mm, 18mm |
| 892-5-0037 | 16 pc Metric 12 pt. Multi-Torque Relieved Radius Combination Wrench Set | 892-5-0021 plus 13-Tool Wrench Rack Storage Tree |



The 12pt. Multi-Torque Relieved Radius Boxed End feature allows for excessive rotational force to be applied away from the corners of the fastener head or nut. This reduces the chance of rounding off or stripping the fastener or nut when assembling and/or disassembling.

Combination Wrenches

RELIEVED RADIUS COMBINATION WRENCH SETS (CONTINUED)

INDIVIDUAL WRENCHES

SAE

| Code # | Size |
|------------|--------|
| 892-5-0003 | 1/4" |
| 892-5-0004 | 5/16" |
| 892-5-0005 | 3/8" |
| 892-5-0006 | 7/16" |
| 892-5-0007 | 1/2" |
| 892-5-0008 | 9/16" |
| 892-5-0009 | 5/8" |
| 892-5-0010 | 11/16" |
| 892-5-0011 | 3/4" |
| 892-5-0012 | 13/16" |
| 892-5-0013 | 7/8" |
| 892-5-0014 | 15/16" |
| 892-5-0015 | 1" |

METRIC

| Code # | Size |
|------------|------|
| 892-5-0022 | 6mm |
| 892-5-0023 | 7mm |
| 892-5-0024 | 8mm |
| 892-5-0025 | 9mm |
| 892-5-0026 | 10mm |
| 892-5-0027 | 11mm |
| 892-5-0028 | 12mm |
| 892-5-0029 | 13mm |
| 892-5-0030 | 14mm |
| 892-5-0031 | 15mm |
| 892-5-0032 | 16mm |
| 892-5-0033 | 17mm |
| 892-5-0034 | 18mm |
| 892-5-0035 | 19mm |



Sets also available with
13-Tool Wrench Rack
Storage Tree

LIFETIME WARRANTY

CROSS-TORQUE WRENCHES

- Ergonomic twist design allows user to grip the wide side of the wrench body to provide more torque and less stress on hands
- Eliminates the need for a breaker bar for high torque removal and installation applications
- Heavy-duty mirror finish chrome vanadium steel construction provides strength and corrosion resistance
- Meets ANSI/DIN strength and dimensional standards



The two ends are rotationally positioned 90° from each other. This means the contact area of the tool on the hand is greatly enlarged. As a result, hand stress and pain associated with loosening or tightening fasteners is significantly reduced.



SAE



METRIC

SETS

| Code # | Description | Size |
|------------|--|--|
| 893-1-0260 | 10 pc SAE Cross-Torque Wrench Set in custom roll-up pouch | 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" |
| 893-1-0261 | 13 pc SAE Cross-Torque Wrench Set in custom roll-up pouch | 893-1-0260 plus 13/16", 7/8", 15/16" |
| 893-1-0276 | 15 pc Metric Cross-Torque Wrench Set in custom roll-up pouch | 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm |
| 893-1-0277 | 20 pc Metric Cross-Torque Wrench Set in custom roll-up pouch | 893-1-0276 plus 20mm, 21mm, 22mm, 23mm, 24mm |



Box end has a deep well and the handle is offset at 12° enabling Cross-Torque to access recessed fasteners and clear nearby obstacles during wrench rotation.

INDIVIDUAL WRENCHES

SAE

| Code # | Size |
|------------|---------------------------|
| 893-1-0262 | 1/4" X 1/4" X 5-1/8" |
| 893-1-0263 | 5/16" X 5/16" X 5-1/2" |
| 893-1-0264 | 3/8" X 3/8" X 5-7/8" |
| 893-1-0265 | 7/16" X 7/16" X 6-1/8" |
| 893-1-0266 | 1/2" X 1/2" X 6-5/8" |
| 893-1-0267 | 9/16" X 9/16" X 7-1/8" |
| 893-1-0268 | 5/8" X 5/8" X 7-3/4" |
| 893-1-0269 | 11/16" X 11/16" X 8-1/4" |
| 893-1-0270 | 3/4" X 3/4" X 9" |
| 893-1-0271 | 13/16" X 13/16" X 10-5/8" |
| 893-1-0272 | 7/8" X 7/8" X 11-1/2" |
| 893-1-0273 | 15/16" X 15/16" X 12" |

METRIC

| Code # | Size |
|------------|----------------------|
| 893-1-0278 | 6mm X 6mm X 5" |
| 893-1-0279 | 7mm X 7mm X 5-1/4" |
| 893-1-0280 | 8mm X 8mm X 5-1/2" |
| 893-1-0281 | 9mm X 9mm X 5-5/8" |
| 893-1-0282 | 10mm X 10mm X 5-7/8" |
| 893-1-0283 | 11mm X 11mm X 6-1/8" |
| 893-1-0284 | 12mm X 12mm X 6-3/8" |
| 893-1-0285 | 13mm X 13mm X 6-5/8" |
| 893-1-0286 | 14mm X 14mm X 7-1/8" |
| 893-1-0287 | 15mm X 15mm X 7-3/8" |

| Code # | Size |
|------------|-----------------------|
| 893-1-0288 | 16mm X 16mm X 7-3/4" |
| 893-1-0289 | 17mm X 17mm X 8" |
| 893-1-0290 | 18mm X 18mm X 8-1/2" |
| 893-1-0291 | 19mm X 19mm X 9" |
| 893-1-0292 | 20mm X 20mm X 10-5/8" |
| 893-1-0293 | 21mm X 21mm X 10-5/8" |
| 893-1-0294 | 22mm X 22mm X 11-1/2" |
| 893-1-0295 | 23mm X 23mm X 11-1/2" |
| 893-1-0296 | 24mm X 24mm X 12" |

**AUTOBAHN DOUBLE OPEN ENDED
WRENCH SET**

A Technological Breakthrough In Speed and Functionality

- An open-ended ratcheting wrench with no gears
- The built-in rapid release function allows speed wrenching without lifting the wrench from the fastener head or nut
- Slim profile allows easier access into confined spaces and hard to reach fastener heads and nuts
- Two tools in one, each wrench represents two sizes
- *Heavy-duty mirror finish chrome-vanadium steel* provides strength and corrosion resistance
- Custom colored roll-up velcro pouch keeps tools organized, easy to store and distinguishes SAE from Metric

LIFETIME WARRANTY

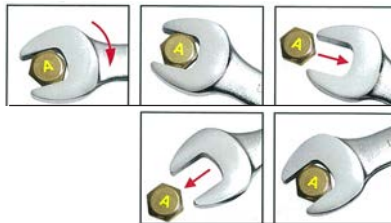
SAE



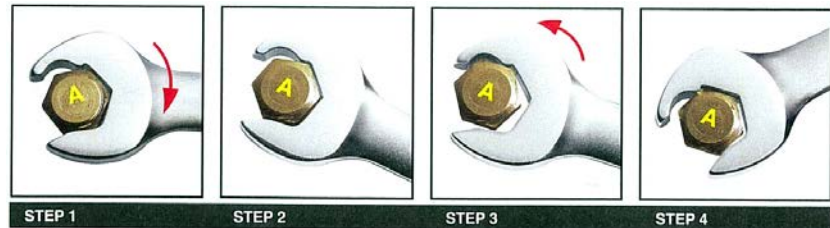
METRIC



Standard wrench



Partmaster Autobahn wrench



SETS

No need to continuously reposition your wrench during use.

| Code # | Description | Size |
|------------|---|--|
| 893-1-0090 | 9 pc Autobahn SAE Double Open Ended Wrench Set in custom roll-up pouch | 1/4" X 5/16", 3/8" X 7/16", 1/2" X 9/16", 5/8" X 11/16", 3/4" X 13/16", 7/8" X 15/16", 1" X 1-1/16", 1-1/8" X 1-1/4" |
| 893-1-0092 | 8 pc Autobahn Metric Double Open Ended Wrench Set in custom roll-up pouch | 6mm X 7mm, 8mm X 9mm, 10mm X 11mm, 12mm X 13mm, 14mm X 15mm, 16mm X 17mm, 18mm X 19mm |

INDIVIDUAL WRENCHES

SAE

| Code # | Size |
|------------|-----------------|
| 893-1-2385 | 1/4" X 5/16" |
| 893-1-2386 | 3/8" X 7/16" |
| 893-1-2387 | 1/2" X 9/16" |
| 893-1-2388 | 5/8" X 11/16" |
| 893-1-2389 | 3/4" X 13/16" |
| 893-1-2390 | 7/8" X 15/16" |
| 893-1-2391 | 1" X 1-1/16" |
| 893-1-2392 | 1-1/8" X 1-1/4" |

METRIC

| Code # | Size |
|------------|-------------|
| 893-1-2393 | 6mm X 7mm |
| 893-1-2394 | 8mm X 9mm |
| 893-1-2395 | 10mm X 11mm |
| 893-1-2396 | 12mm X 13mm |
| 893-1-2397 | 14mm X 15mm |
| 893-1-2398 | 16mm X 17mm |
| 893-1-2399 | 18mm X 19mm |

Double Open-Ended Wrenches

Solution Series
HAND TOOLS

DUAL-HEAD OPEN ENDED WRENCH SETS

LIFETIME WARRANTY

- Two tools in one each tool represents two sizes
- Slim profile allows easier-access into confined spaces and hard to reach fastener heads and nuts
- *Heavy-duty chrome-vanadium, molybdenum and tungsten steel construction* increases the strength 10 times the DIN standard
- Chrome plated with a mirror finish for corrosion resistance
- The offset 45 degree heads on each end of the wrench allows for ease of use and placement of the wrench on the fastener head or nut, especially in confined spaces
- Custom colored roll-up pouch keeps tools organized, easy to store and distinguishes SAE from Metric
- Torque limits exceed double the DIN standards
- Meets Federal Spec. ANSI B107.6, ANSI B107.9M



Also available with 13-Tool Wrench Rack Storage Tree



SAE



METRIC

SETS

| Code # | Description | Size |
|------------|---|---|
| 892-5-0040 | 6 pc SAE Dual-Head Open Ended Wrench Set in custom roll-up pouch | 1/4" X 5/16", 3/8" X 7/16", 1/2" X 9/16", 5/8" X 11/16", 3/4" X 13/16" |
| 892-5-0041 | 9 pc SAE Dual-Head Open Ended Wrench Set in custom roll-up pouch | 892-5-0040 plus 7/8" X 15/16", 1" X 1-1/16", 1-1/8" X 1-1/4" |
| 892-5-0058 | 10 pc SAE Dual-Head Open Ended | 892-5-0041 plus 13-Tool Wrench Rack Storage Tree Wrench Set |
| 892-5-0050 | 8 pc Metric Dual-Head Open Ended Wrench Set in custom roll-up pouch | 6mm X 7mm, 8mm X 9mm, 10mm X 11mm, 12mm X 13mm, 14mm X 15mm, 16mm X 17mm, 18mm X 19mm |
| 892-5-0059 | 9 pc Metric Dual-Head Open Ended | 892-5-0050 plus 13-Tool Wrench Rack Storage Tree |

INDIVIDUAL WRENCHES

SAE

| Code # | Size |
|------------|-----------------|
| 892-5-0042 | 1/4" X 5/16" |
| 892-5-0043 | 3/8" X 7/16" |
| 892-5-0044 | 1/2" X 9/16" |
| 892-5-0045 | 5/8" X 11/16" |
| 892-5-0046 | 3/4" X 13/16" |
| 892-5-0047 | 7/8" X 15/16" |
| 892-5-0048 | 1" X 1-1/16" |
| 892-5-0049 | 1-1/8" X 1-1/4" |

METRIC

| Code # | Size |
|------------|-------------|
| 892-5-0051 | 6mm X 7mm |
| 892-5-0052 | 8mm X 9mm |
| 892-5-0053 | 10mm X 11mm |
| 892-5-0054 | 12mm X 13mm |
| 892-5-0055 | 14mm X 15mm |
| 892-5-0056 | 16mm X 17mm |
| 892-5-0057 | 18mm X 19mm |

Solution Series HAND TOOLS

SQUIRT SERIES MINIATURE WRENCH SETS

Squirt Mini Double Open End / Angle Head Wrench Set

- A 15 degree and 80 degree angled wrench designed to fit where other wrenches cannot
- Meets ASME B107.6 and ASME B107.9 standards
- *Heavy-duty mirror finish chrome-vanadium steel* provides strength and corrosion resistance
- The perfect wrench for hard to reach confined space applications such as office furniture, electronics and small equipment
- The perfect mobile tool that can easily be stored in a tool pouch, tool caddy or tool box
- Fits all common small SAE and Metric hex fasteners and nuts

SETS

| Code # | Description | Size |
|------------|---|---|
| 892-5-0440 | 8 pc. SAE Double Open End / Angle Head Mini Wrench Set In custom pouch | 7/32", 15/64", 1/4", 9/32", 5/16" 1/32", 3/8", 7/16" |
| 892-5-0450 | 8 pc Metric Double Open End / Angle Head Mini Wrench Set In custom pouch | 5mm, 5.5mm, 6mm, 7mm, 8mm 9mm, 10mm, 11mm |

Squirt Miniature Combination Wrench Set

- Meets ASME B107.6 and B107.9 standards
- *Heavy-duty mirror finish chrome-vanadium steel* provides strength and corrosion resistance
- The perfect wrench for hard to reach confined space applications such as office furniture, electronics and small equipment
- The perfect mobile tool that can easily be stored in a tool pouch, tool caddy or tool box
- Fits all common small SAE and Metric hex fasteners and nuts

SETS

| Code # | Description | Size |
|------------|--|---|
| 892-5-0400 | 10 pc SAE Combination Mini Wrench Set in custom pouch | 3/16", 5/32", 7/32", 15/64", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" |
| 892-5-0420 | 10 pc Metric Combination Mini Wrench Set in custom pouch | 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 8mm, 9mm, 10mm, 11mm |

LIFETIME WARRANTY



SAE



METRIC



SAE



METRIC



Wrenches

Solution Series HAND TOOLS

COMBINATION REVERSIBLE DUAL-JAW ADJUSTABLE/PIPE WRENCH

LIFETIME WARRANTY

- Special reversible jaw provides the functions of both an adjustable wrench and a pipe wrench
- Dual calibrated scale on head determines both SAE and Metric fastener size
- Special teeth angle enables constant gripping power
- *Heavy-duty chrome-vanadium steel construction* provides strength and anti-corrosion
- Ergonomic handle reduces hand fatigue and offers additional tool strength
- Custom roll-up velcro pouch keeps tools organized and easy to store



SETS

| Code # | Description | Size |
|------------|---|-------------------|
| 893-1-0022 | 5 pc Combination Reversible Dual-Jaw Adjustable/Pipe Wrench | 6" - 12" in pouch |

| Code # | Length | Max Jaw Opening SAE | Max Jaw Opening Metric | End Hole For Nut |
|------------|--------|---------------------|------------------------|------------------|
| 893-1-0223 | 6" | 7/8" | 22mm | 10mm |
| 893-1-0224 | 8" | 1-1/8" | 28mm | 14mm |
| 893-1-0225 | 10" | 1-5/16" | 34mm | 17mm |
| 893-1-0226 | 12" | 1-9/16" | 40mm | 19mm |



Pipe Wrench Mode



Standard Mode



By reversing the jaw, the grip is changed!

AUTOBAHN ERGONOMIC COMBINATION RATCHETING AND ADJUSTABLE WRENCH SET

LIFETIME WARRANTY

A Technological Breakthrough In Speed and Functionality

- A wrench with the combination function: Ratcheting and Adjustable
- Easy and convenient, allows ratcheting without lifting off the fastener head or nut providing a greater ease of use especially in confined spaces
- Powerful, light and convenient
- *Heavy-duty chrome-vanadium steel* provides strength and corrosion resistance
- Ergonomic anti-slip traction groove handle reduces worker hand fatigue
- Dual calibrated scale on head determines both SAE and Metric fastener size
- Fast patented ratchet function jaw provides efficiency, allowing the user to get the job done faster
- Meets and exceeds ASME standards by 30%

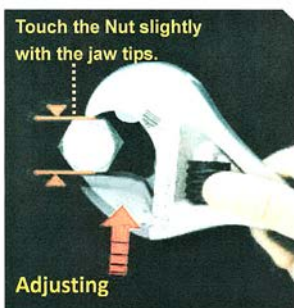


SET

| Code # | Description | Size |
|------------|--|-------------|
| 893-1-0230 | 4 pc Autobahn Ergonomic Combination Ratcheting and Adjustable Wrench Set in Custom Fold-Over Pouch | 6", 8", 10" |

| Code # | Size | Jaw Opening (inch/metric) | Nut Size |
|------------|------|---------------------------|---------------------------|
| 893-1-0227 | 6" | 3/16"-3/4", (6mm-20mm) | 5/32"-7/16", (3.5mm-12mm) |
| 893-1-0228 | 8" | 3/16"-1", (6mm-24mm) | 5/32"-5/8", (3.5mm-16mm) |
| 893-1-0229 | 10" | 5/16"-1-5/32", (8mm-30mm) | 3/16"-3/4", (5mm-20mm) |

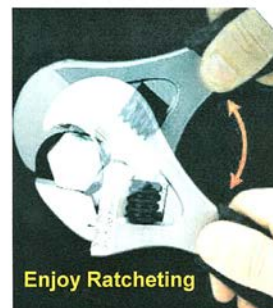
Step 1.



Step 2.



Step 3.



**Solution Series
HAND TOOLS**

**13-TOOL WRENCH RACK STORAGE
TREE ORGANIZER**

- Extremely versatile
- With hanging slots, wrench sets can be hung on pegboards, walls or in any other desired hanging location
- With built in hand transport handle and locking tree finger's, wrenches can easily be transported securely to the jobsite without fear of loosing any wrenches
- Handle folds up to save space in tool box
- Made of impact resistant, non-marring, fuel and solvent resistant material



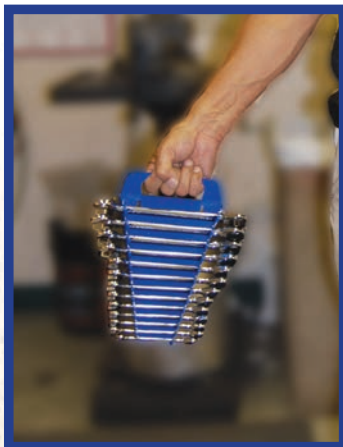
| Code # | Description |
|------------|------------------------------------|
| 893-5-0003 | 13-Tool Wrench Rack Tree Organizer |



Easily organize and locate wrenches in drawer



Allows visual observation of missing wrenches



Built in hand transport handle



Empty Tree Rack



Tool Holder

Solution Series **HAND TOOLS**

SNAP-RING TOOL HOLDER

- Heavy-duty 7/32" x 6" Spring Steel Tool Holder will always retain it's original shape
- Conveniently fastens to a loop on your tool pouch enabling the Technician to carry specific Boxed End Wrenches, Combination Wrenches, other tools with lanyard holes, tapes etc. without fear of loosing them
- Tool Ring provides a means of accountability, accessibility and organization when only specific wrenches are needed, especially in a mobile situation and assures the user of returning with what they left with
- No need to take the entire set of wrenches to the job anymore, no more wrenches in your pockets, no lost wrenches inside the tool pouch
- Zinc plated for corrosion resistance
- Perfect holder for a welder's torch lighter (713-0-0000)

LIFETIME WARRANTY



Code #

Description

893-5-0004

Snap-Ring Tool Holder



Cross-Over Sockets

Solution Series
HAND TOOLS

CROSS-OVER SOCKET SYSTEM

- Chrome-molybdenum steel and a special heat treatment create a softer more flexible steel composition that absorbs pressure and rebounds under heavy torquing situations
- Chrome and black oxide color easily identifies itself from other sockets
- Will drive a hex bolt head or hex nut that is up to 70% rounded off*
- Meets ANSI, BS and DIN requirements, ASME B107.5M-2002 (metric) and ASME B107.2 (SAE) standards
- Can be used with standard drive tools, 18 volt ratchet and pneumatic ratchets and impact wrenches
- Carries a worldwide patent

LIFETIME WARRANTY



3/8" DRIVE

| Code # | Description | Size |
|------------|--|---|
| 893-2-0020 | 11 pc SAE 3/8" Drive Standard Cross-Over Socket Set 5/16" - 7/8" on a Custom Rubber Ball Socket Rail | 5/16", 3/8", 7/16" 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8" |
| 893-2-0026 | 13 pc SAE 3/8" Drive Standard Cross-Over Socket Set 5/16" - 1" on a Rubber Ball Socket Rail | 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1" |
| 893-2-0054 | 11 pc SAE 3/8 Drive Deep Well Cross-Over Socket Set 5/16" - 7/8" on a Magnetic Base Rota-Hold Socket Rail | 5/16", 3/8", 7/16" 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8" |
| 893-2-0022 | 11 pc Metric 3/8" Drive Standard Cross-Over Socket Set 10mm - 19mm on a Custom Rubber Ball Socket Rail | 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm |
| 893-2-0055 | 12 pc Metric 3/8 Drive Deep Well Cross-Over Socket Set 9 mm - 19 mm on a Magnetic Base Rota-Hold Socket Rail | 9mm, 10mm, 11mm, 12mm, 13mm, 14mm 15mm, 16mm, 17mm, 18mm, 19mm |

* 70% rounded off feature only available on 3/8" drive up to 7/8" and 19mm 1/2" drive up to 15/16" standard

CROSS-OVER SOCKETS (CONTINUED)

INDIVIDUAL SOCKETS

SAE STANDARD

| Code # | Size |
|------------|---------|
| 893-1-2620 | 5/16" |
| 893-1-2621 | 3/8" |
| 893-1-2622 | 7/16" |
| 893-1-2623 | 1/2" |
| 893-1-2624 | 9/16" |
| 893-1-2625 | 5/8" |
| 893-1-2626 | 11/16" |
| 893-1-2627 | 3/4" |
| 893-1-2628 | 13/16" |
| 893-1-2629 | 7/8" |
| 893-1-2618 | 15/16"* |
| 893-1-2619 | 1"* |

METRIC STANDARD

| Code # | Size |
|------------|------|
| 893-1-2640 | 10mm |
| 893-1-2641 | 11mm |
| 893-1-2642 | 12mm |
| 893-1-2643 | 13mm |
| 893-1-2644 | 14mm |
| 893-1-2645 | 15mm |
| 893-1-2646 | 16mm |
| 893-1-2647 | 17mm |
| 893-1-2648 | 18mm |
| 893-1-2649 | 19mm |

DEEP

SAE STANDARD

| Code # | Size |
|------------|--------|
| 893-1-2725 | 5/16" |
| 893-1-2726 | 3/8" |
| 893-1-2727 | 7/16" |
| 893-1-2728 | 1/2" |
| 893-1-2729 | 9/16" |
| 893-1-2730 | 5/8" |
| 893-1-2731 | 11/16" |
| 893-1-2732 | 3/4" |
| 893-1-2733 | 13/16" |
| 893-1-2734 | 7/8" |

METRIC STANDARD

| Code # | Size |
|------------|------|
| 893-1-2735 | 9mm |
| 893-1-2736 | 10mm |
| 893-1-2737 | 11mm |
| 893-1-2738 | 12mm |
| 893-1-2739 | 13mm |
| 893-1-2740 | 14mm |
| 893-1-2741 | 15mm |
| 893-1-2742 | 16mm |
| 893-1-2743 | 17mm |
| 893-1-2744 | 18mm |
| 893-1-2745 | 19mm |

* Does not offer 70% rounded off feature

Cross-Over Sockets

CROSS-OVER SOCKETS (CONTINUED)



1/2" DRIVE

| Code # | Description | Size |
|------------|--|---|
| 893-2-0021 | 11 pc SAE 1/2" Drive Standard Cross-Over Socket Set 3/8" - 15/16" on a Custom Magnetic Base Rubber Ball Socket Rail | 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" |
| 893-2-0024 | 10 pc SAE 1/2" Drive Standard Cross-Over Socket Set 1" - 1-1/2" on a Magnetic Base Rota-Hold Socket Rail | 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16, 1-1/2" |
| 893-2-0044 | 21 pc SAE 1/2" Drive Standard Cross-Over Socket Set 3/8" - 1-1/2" on 2 Magnetic Base Rubber Ball Rails | 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16, 1-1/2" |
| 893-2-0056 | 10 pc SAE 1/2" Drive Deep Well Cross-Over Socket Set 3/8" - 7/8" on a Magnetic Base Rota-Hold Socket Rail | 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8" |
| 893-2-0057 | 7 pc SAE 1/2" Drive Deep Well Cross-Over Socket Set 15/16" - 1-1/4" on a Magnetic Base Rota-Hold Socket Rail | 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4" |
| 893-2-0060 | 17 pc SAE 1/2" Drive Deep Well Cross-Over Socket Set 3/8" - 1-1/4" on 2 Magnetic Base Rota-Hold Socket Rails | 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4" |
| 893-2-0023 | 12 pc Metric 1/2" Drive Standard Cross-Over Socket Set 10mm - 19mm on a Custom Magnetic Base Rubber Ball Socket Rail | 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm |
| 893-2-0058 | 12 pc Metric 1/2" Drive Deep Well Cross-Over Socket Set 10mm - 20mm on a Magnetic Base Rota-Hold Socket Rail | 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm |
| 893-2-0059 | 10 pc Metric 1/2" Drive Deep Well Cross-Over Socket Set 21mm - 32mm on a Magnetic Base Rota-Hold Socket Rail | 21mm, 22mm, 24mm, 25mm, 26mm, 27mm, 29mm, 30mm, 32mm |
| 893-2-0061 | 22 pc Metric 1/2" Drive Deep Well Cross-Over Socket Set 10mm - 32mm on 2 Magnetic Base Rota-Hold Socket Rails | 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 24mm, 25mm, 26mm, 27mm, 29mm, 30mm, 32mm |

CROSS-OVER SOCKETS (CONTINUED)

1/2" DRIVE

INDIVIDUAL SOCKETS

SAE STANDARD

| Code # | Size |
|------------|---------|
| 893-1-2630 | 3/8" |
| 893-1-2631 | 7/16" |
| 893-1-2632 | 1/2" |
| 893-1-2633 | 9/16" |
| 893-1-2634 | 5/8" |
| 893-1-2635 | 11/16" |
| 893-1-2636 | 3/4" |
| 893-1-2637 | 13/16" |
| 893-1-2638 | 7/8" |
| 893-1-2639 | 15/16" |
| 893-1-2690 | 1" |
| 893-1-2691 | 1-1/16" |
| 893-1-2692 | 1-1/8" |
| 893-1-2693 | 1-3/16" |
| 893-1-2694 | 1-1/4" |
| 893-1-2695 | 1-5/16" |
| 893-1-2696 | 1-3/8" |
| 893-1-2697 | 1-7/16" |
| 893-1-2698 | 1-1/2" |

METRIC STANDARD

| Code # | Size |
|------------|------|
| 893-1-2650 | 10mm |
| 893-1-2651 | 11mm |
| 893-1-2652 | 12mm |
| 893-1-2653 | 13mm |
| 893-1-2654 | 14mm |
| 893-1-2655 | 15mm |
| 893-1-2656 | 16mm |
| 893-1-2657 | 17mm |
| 893-1-2658 | 18mm |
| 893-1-2659 | 19mm |

SAE DEEP

| Code # | Size |
|------------|---------|
| 893-1-2748 | 3/8" |
| 893-1-2749 | 7/16" |
| 893-1-2750 | 1/2" |
| 893-1-2751 | 9/16" |
| 893-1-2752 | 5/8" |
| 893-1-2753 | 11/16" |
| 893-1-2754 | 3/4" |
| 893-1-2755 | 13/16" |
| 893-1-2756 | 7/8" |
| 893-1-2758 | 15/16" |
| 893-1-2759 | 1" |
| 893-1-2760 | 1-1/16" |
| 893-1-2761 | 1-1/8" |
| 893-1-2762 | 1-3/16" |
| 893-1-2763 | 1-1/4" |

METRIC DEEP

| Code # | Size | Code # | Size |
|------------|------|------------|------|
| 893-1-2764 | 10mm | 893-1-2779 | 26mm |
| 893-1-2765 | 11mm | 893-1-2780 | 27mm |
| 893-1-2766 | 12mm | 893-1-2781 | 29mm |
| 893-1-2767 | 13mm | 893-1-2782 | 30mm |
| 893-1-2768 | 14mm | 893-1-2783 | 32mm |
| 893-1-2769 | 15mm | | |
| 893-1-2770 | 16mm | | |
| 893-1-2771 | 17mm | | |
| 893-1-2772 | 18mm | | |
| 893-1-2773 | 19mm | | |
| 893-1-2774 | 20mm | | |
| 893-1-2775 | 21mm | | |
| 893-1-2776 | 22mm | | |
| 893-1-2777 | 24mm | | |
| 893-1-2778 | 25mm | | |

* Does not offer 70% rounded off feature

Cross-Over Sockets

CROSS-OVER SOCKETS (CONTINUED)

3/4" DRIVE

| Code # | Description | Size |
|------------|---|---|
| 893-2-0036 | 24 pc SAE 3/4" Drive Standard Socket Set 3/4" - 2" on 3 Metal Socket Rails | 3/4", 13/16", 7/8", 15/16", 1", 1-1/16" 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8" 1-7/16, 1-1/2", 1-9/16", 1-5/8", 1-11/16" 1-3/4", 1-13/16, 1-7/8", 1-15/16", 2" |
| 893-2-0033 | Set 893-2-0036 with metal tool box | |
| 893-2-0038 | 8 pc SAE 3/4" Drive Standard Socket Set 3/4" - 1-1/8" on a Metal Socket Rail | 3/4", 13/16", 7/8", 15/16", 1", 1-1/16" 1-1/8" |
| 893-2-0039 | 8 pc SAE 3/4" Drive Standard Socket Set 1-13/16" - 1-9/16" on a Metal Socket Rail | 1-3/16", 1-1/4", 1-5/16", 1-3/8" 1-7/16", 1-1/2", 1-9/16" |
| 893-2-0040 | 8 pc SAE 3/4" Drive Standard Socket Set 1-5/8" - 2" on a Metal Socket Rail | 1-5/8", 1-11/16", 1-3/4", 1-13/16" 1-7/8", 1-15/16", 2" |
| 893-2-0037 | 24 pc SAE 3/4" Drive Deep Well Socket Set 3/4" - 2" on 3 Metal Socket Rails | 3/4", 13/16", 7/8", 15/16", 1", 1-1/16" 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8" 1-7/16, 1-1/2", 1-9/16", 1-5/8", 1-11/16" 1-3/4", 1-13/16, 1-7/8", 1-15/16", 2" |
| 893-2-0034 | Set 893-2-0037 with metal tool box | |
| 893-2-0041 | 8 pc SAE 3/4" Drive Deep Well Socket Set 3/4" - 1-1/8" on a Metal Socket Rail | 3/4", 13/16", 7/8", 15/16", 1", 1-1/16" 1-1/8" |
| 893-2-0042 | 8 pc SAE 3/4" Drive Deep Well Socket Set 1-13/16" - 1-9/16" on a Metal Socket Rail | 1-3/16", 1-1/4", 1-5/16", 1-3/8" 1-7/16", 1-1/2", 1-9/16" |
| 893-2-0043 | 8 pc SAE 3/4" Drive Deep Well Socket Set 1-5/8" - 2" on a Metal Socket Rail | 1-5/8", 1-11/16", 1-3/4", 1-13/16" 1-7/8", 1-15/16", 2" |



CROSS-OVER SOCKETS (CONTINUED)

3/4" DRIVE (CONTINUED)

INDIVIDUAL SOCKETS

STANDARD

| Code # | Size |
|------------|----------|
| 893-1-2668 | 3/4" |
| 893-1-2669 | 13/16" |
| 893-1-2670 | 7/8" |
| 893-1-2671 | 15/16" |
| 893-1-2672 | 1" |
| 893-1-2673 | 1-1/16" |
| 893-1-2674 | 1-1/8" |
| 893-1-2675 | 1-3/16" |
| 893-1-2676 | 1-1/4" |
| 893-1-2677 | 1-5/16" |
| 893-1-2678 | 1-3/8" |
| 893-1-2679 | 1-7/16" |
| 893-1-2680 | 1-1/2" |
| 893-1-2681 | 1-9/16" |
| 893-1-2682 | 1-5/8" |
| 893-1-2683 | 1-11/16" |
| 893-1-2684 | 1-3/4" |
| 893-1-2685 | 1-13/16" |
| 893-1-2686 | 1-7/8" |
| 893-1-2687 | 1-15/16" |
| 893-1-2688 | 2" |

DEEP WELL

| Code # | Size |
|------------|----------|
| 893-1-2699 | 3/4" |
| 893-1-2700 | 13/16" |
| 893-1-2701 | 7/8" |
| 893-1-2702 | 15/16" |
| 893-1-2703 | 1" |
| 893-1-2704 | 1-1/16" |
| 893-1-2705 | 1-1/8" |
| 893-1-2706 | 1-3/16" |
| 893-1-2707 | 1-1/4" |
| 893-1-2708 | 1-5/16" |
| 893-1-2709 | 1-3/8" |
| 893-1-2710 | 1-7/16" |
| 893-1-2711 | 1-1/2" |
| 893-1-2712 | 1-9/16" |
| 893-1-2713 | 1-5/8" |
| 893-1-2714 | 1-11/16" |
| 893-1-2715 | 1-3/4" |
| 893-1-2716 | 1-13/16" |
| 893-1-2717 | 1-7/8" |
| 893-1-2718 | 1-15/16" |
| 893-1-2719 | 2" |



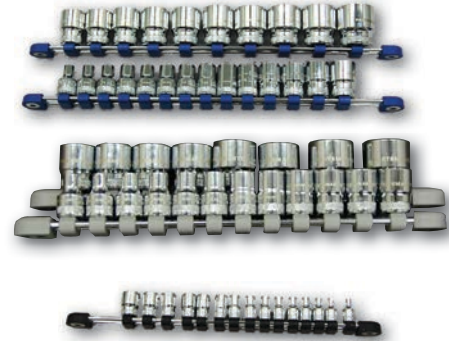
Universal Sockets

UNIVERSAL SOCKET SYSTEM

LIFETIME WARRANTY

Standard and Deep Well Sockets

- One socket does it all! Universal socket fits up to 11 different head styles: Square, 6pt SAE/Metric, 8 pt SAE/Metric, 12 pt SAE/Metric, 30% rounded-off, Spline, E-Torx, and Ribe of nut
- Custom made exclusive rail has rubber ball mounts that allow socket to snap on for a tight fit
- Magnetic base sticks to steel surfaces, making the sockets easily accessible while on the job
- *Heavy-duty mirror finish chrome-vanadium, molybdenum and tungsten steel construction* increases the strength 10 times the DIN standard and provides corrosion resistance



SETS

| Code # | Description | Size |
|------------|---|---|
| 893-1-0040 | 16pc 1/4" Drive Universal Standard Socket Set 1/8" - 9/16" with a Custom Magnetic Base Rubber Ball Socket Rail | 1/8"(3.2mm), 5/32"(4mm), (4.5mm), 3/16"(5mm) 7/32"(5.5mm), (6mm), 1/4", 9/32"(7mm), 5/16"(8mm) 11/32"(9mm), 3/8"(10mm), 7/16"(11mm), 15/32"(12mm) 1/2"(13mm), 9/16"(14mm) |
| 893-1-0037 | 15pc 1/4" Drive Universal Deep Well Socket Set 1/8" - 9/16" with a Custom Magnetic Base Rubber Ball Socket Rail | 5/32"(4mm), (4.5mm), 3/16"(5mm) 7/32"(5.5mm), (6mm), 1/4", 9/32"(7mm), 5/16"(8mm) 11/32"(9mm), 3/8"(10mm), 7/16"(11 mm), 15/32"(12mm) 1/2"(13mm), 9/16"(14mm) |

INDIVIDUAL UNIVERSAL SOCKETS, 1/4" DRIVE

STANDARD

| Code # | Size |
|------------|---------------|
| 893-1-2032 | 1/8" (3.2mm) |
| 893-1-2040 | 5/32" (4mm) |
| 893-1-2045 | 4.5mm |
| 893-1-2050 | 3/16" (5mm) |
| 893-1-2055 | 7/32" (5.5mm) |
| 893-1-2060 | 6mm |
| 893-1-2062 | 1/4" |
| 893-1-2070 | 9/32" (7mm) |
| 893-1-2080 | 5/16" (8mm) |
| 893-1-2090 | 11/32" (9mm) |
| 893-1-2100 | 3/8" (10mm) |
| 893-1-2110 | 7/16" (11mm) |
| 893-1-2112 | 15/32" (12mm) |
| 893-1-2113 | 1/2" (13mm) |
| 893-1-2114 | 9/16" (14mm) |

DEEP WELL

| Code # | Size |
|------------|---------------|
| 893-1-3040 | 5/32" (4mm) |
| 893-1-3045 | 4.5mm |
| 893-1-3050 | 3/16" (5mm) |
| 893-1-3055 | 7/32" (5.5mm) |
| 893-1-3060 | 6mm |
| 893-1-3062 | 1/4" |
| 893-1-3070 | 9/32" (7mm) |
| 893-1-3080 | 5/16" (8mm) |
| 893-1-3090 | 11/32" (9mm) |
| 893-1-3100 | 3/8" (10mm) |
| 893-1-3110 | 7/16" (11mm) |
| 893-1-3112 | 15/32" (12mm) |
| 893-1-3113 | 1/2" (13mm) |
| 893-1-3114 | 9/16" (14mm) |

UNIVERSAL SOCKETS (CONTINUED)

3/8" DRIVE

SETS

| Code # | Description | Size |
|------------|---|--|
| 893-1-0041 | 22 pc 3/8" Drive Universal Standard Socket Set 1/4" - 15/16" with 2 Custom Magnetic Rubber Ball Socket Rails | 1/4", (6mm), 9/32"(7mm), 5/16"(8mm), 11/32"(9mm) 3/8"(10mm), 7/16"(11mm), 15/32"(12mm), 1/2"(13mm) 9/16"(14mm), 19/32"(15mm), 5/8"(16mm), 21/32"(17mm) 11/16"(18mm), 3/4"(19mm), 25/32"(20mm), 13/16"(21mm) 7/8"(22mm), 29/32"(23mm), 15/16"(24mm) |
| 893-1-0038 | 22 pc 3/8" Drive Universal Deep Well Socket Set 1/4" - 15/16" with 2 Custom Magnetic Rubber Ball Socket Rails | 1/4", (6mm), 9/32"(7mm), 5/16"(8mm), 11/32"(9mm) 3/8"(10mm), 7/16"(11mm), 15/32"(12mm), 1/2"(13mm) 9/16"(14mm), 19/32"(15mm), 5/8"(16mm), 21/32"(17mm) 11/16"(18mm), 3/4"(19mm), 25/32"(20mm), 13/16"(21mm) 7/8"(22mm), 29/32"(23mm), 15/16"(24mm) |

INDIVIDUAL UNIVERSAL SOCKETS, 3/8" DRIVE

STANDARD

| Code # | Size |
|------------|---------------|
| 893-1-2205 | 1/4" |
| 893-1-2206 | 6mm |
| 893-1-2207 | 9/32" (7mm) |
| 893-1-2208 | 5/16" (8mm) |
| 893-1-2209 | 11/32" (9mm) |
| 893-1-2210 | 3/8" (10mm) |
| 893-1-2211 | 7/16" (11mm) |
| 893-1-2212 | 15/32 (12mm) |
| 893-1-2213 | 1/2" (13mm) |
| 893-1-2214 | 9/16" (14mm) |
| 893-1-2215 | 19/32 (15mm) |
| 893-1-2216 | 5/8" (16mm) |
| 893-1-2217 | 21/32" (17mm) |
| 893-1-2218 | 11/16" (18mm) |
| 893-1-2219 | 3/4" (19mm) |
| 893-1-2220 | 25/32" (20mm) |
| 893-1-2221 | 13/16" (21mm) |
| 893-1-2222 | 7/8" (22mm) |
| 893-1-2223 | 29/32" (23mm) |
| 893-1-2224 | 15/16" (24mm) |

DEEP WELL

| Code # | Size |
|------------|---------------|
| 893-1-3205 | 1/4" |
| 893-1-3206 | 6mm |
| 893-1-3207 | 9/32" (7mm) |
| 893-1-3208 | 5/16" (8mm) |
| 893-1-3209 | 11/32" (9mm) |
| 893-1-3210 | 3/8" (10mm) |
| 893-1-3211 | 7/16" (11mm) |
| 893-1-3212 | 15/32 (12mm) |
| 893-1-3213 | 1/2" (13mm) |
| 893-1-3214 | 9/16" (14mm) |
| 893-1-3215 | 19/32 (15mm) |
| 893-1-3216 | 5/8" (16mm) |
| 893-1-3217 | 21/32" (17mm) |
| 893-1-3218 | 11/16" (18mm) |
| 893-1-3219 | 3/4" (19mm) |
| 893-1-3220 | 25/32" (20mm) |
| 893-1-3221 | 13/16" (21mm) |
| 893-1-3222 | 7/8" (22mm) |
| 893-1-3223 | 29/32" (23mm) |
| 893-1-3224 | 15/16" (24mm) |



Universal Sockets

Solution Series
HAND TOOLS

UNIVERSAL SOCKETS (CONTINUED)

1/2" DRIVE



SETS

| Code # | Description | Size |
|------------|--|--|
| 893-1-0042 | 26 pc 1/2" Drive Universal Standard Socket Set 5/16" - 1-1/4" with 2 Custom Rubber Ball Rails | 5/16"(8mm), 11/32"(9mm), 3/8"(10mm), 7/16"(11mm), 15/32"(12mm), 1/2"(13mm), 9/16"(14mm), 19/32"(15mm) 5/8"(16mm), 21/32"(17mm), 11/16"(18mm), 3/4"(19mm) 25/32"(20mm), 13/16"(21mm), 7/8"(22mm), 29/32"(23mm) 15/16"(24mm), 31/32"(25mm), 1"(26mm), 1-1/16"(27mm) 1-3/32"(28mm), 1-1/8"(29mm), 1-3/16"(30mm), 1-1/4"(32mm) |
| 893-1-0039 | 26 pc 1/2" Drive Universal Deep Well Socket Set 5/16" - 1-1/4" with 2 Custom Rubber Ball Rails | 5/16"(8mm), 11/32"(9mm), 3/8"(10mm), 7/16"(11mm), 15/32"(12mm), 1/2"(13mm), 9/16"(14mm), 19/32"(15mm) 5/8"(16mm), 21/32"(17mm), 11/16"(18mm), 3/4"(19mm) 25/32"(20mm), 13/16"(21mm), 7/8"(22mm), 29/32"(23mm) 15/16"(24mm), 31/32"(25mm), 1"(26mm), 1-1/16"(27mm) 1-3/32"(28mm), 1-1/8"(29mm), 1-3/16"(30mm), 1-1/4"(32mm) |

INDIVIDUAL UNIVERSAL SOCKETS, 1/2" DRIVE

STANDARD

| Code # | Size |
|------------|----------------|
| 893-1-2308 | 5/16" (8mm) |
| 893-1-2309 | 11/32" (9mm) |
| 893-1-2310 | 3/8" (10mm) |
| 893-1-2311 | 7/16" (11mm) |
| 893-1-2312 | 15/32" (12mm) |
| 893-1-2313 | 1/2" (13mm) |
| 893-1-2314 | 9/16 (14mm) |
| 893-1-2315 | 19/32" (15mm) |
| 893-1-2316 | 5/8" (16mm) |
| 893-1-2317 | 21/32" (17mm) |
| 893-1-2318 | 11/16" (18mm) |
| 893-1-2319 | 3/4" (19mm) |
| 893-1-2320 | 25/32" (20mm) |
| 893-1-2321 | 13/16" (21mm) |
| 893-1-2322 | 7/8" (22mm) |
| 893-1-2323 | 29/32" (23mm) |
| 893-1-2324 | 15/16" (24mm) |
| 893-1-2325 | 31/32" (25mm) |
| 893-1-2326 | 1" (26mm) |
| 893-1-2327 | 1-1/16" (27mm) |
| 893-1-2328 | 1-3/32" (28mm) |
| 893-1-2329 | 1-1/8" (29mm) |
| 893-1-2330 | 1-3/16" (30mm) |
| 893-1-2332 | 1-1/4" (32mm) |

DEEP WELL

| Code # | Size |
|------------|----------------|
| 893-1-3308 | 5/16" (8mm) |
| 893-1-3309 | 11/32" (9mm) |
| 893-1-3310 | 3/8" (10mm) |
| 893-1-3311 | 7/16" (11mm) |
| 893-1-3312 | 15/32" (12mm) |
| 893-1-3313 | 1/2" (13mm) |
| 893-1-3314 | 9/16 (14mm) |
| 893-1-3315 | 19/32" (15mm) |
| 893-1-3316 | 5/8" (16mm) |
| 893-1-3317 | 21/32" (17mm) |
| 893-1-3318 | 11/16" (18mm) |
| 893-1-3319 | 3/4" (19mm) |
| 893-1-3320 | 25/32" (20mm) |
| 893-1-3321 | 13/16" (21mm) |
| 893-1-3322 | 7/8" (22mm) |
| 893-1-3323 | 29/32" (23mm) |
| 893-1-3324 | 15/16" (24mm) |
| 893-1-3325 | 31/32" (25mm) |
| 893-1-3326 | 1" (26mm) |
| 893-1-3327 | 1-1/16" (27mm) |
| 893-1-3328 | 1-3/32" (28mm) |
| 893-1-3329 | 1-1/8" (29mm) |
| 893-1-3330 | 1-3/16" (30mm) |
| 893-1-3332 | 1-1/4" (32mm) |

RELIEVED RADIUS CONSTANT CONTACT SOCKET SYSTEM

LIFETIME WARRANTY

6 pt. and 12 pt.

- Heavy-duty mirror finish chrome-vanadium steel construction provides strength and corrosion resistance
- Thin-walled design is engineered to accept extreme rotational force, fit into confined spaces, satisfy the professional and last a lifetime
- Available in 1/4", 3/8" and 1/2" drive SAE and Metric, 6 and 12 pt

1/4" DRIVE



6 pt.

12 pt.

A relieved radius at the corners of the socket provides constant contact and allows for excessive rotational force to be applied away from the actual corners of the fastener head or hex nut. This reduces the chance of rounding off or stripping the fastener or nut when assembling and/or disassembling.

6 pt. SAE, Standard

1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2", 9/16"

| Bulk Pack (no rail) | With metal Socket Clip Rail | With magnetic base Rota-Hold Socket Rail | With magnetic base Rubber Ball Socket Rail |
|---------------------|-----------------------------|--|--|
| 892-6-0100 (14 pc) | 892-6-0101 (15 pc) | 892-6-0102 (15 pc) | 892-6-0103 (15 pc) |

6 pt. Metric, Standard

3.2mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm

| Bulk Pack (no rail) | With metal Socket Clip Rail | With magnetic base Rota-Hold Socket Rail | With magnetic base Rubber Ball Socket Rail |
|---------------------|-----------------------------|--|--|
| 892-6-0105 (14 pc) | 892-6-0106 (15 pc) | 892-6-0107 (15 pc) | 892-6-0104 (15 pc) |

6 pt. SAE, Deep

5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2", 9/16"

| Bulk Pack (no rail) | With metal Socket Clip Rail | With magnetic base Rota-Hold Socket Rail | With magnetic base Rubber Ball Socket Rail |
|---------------------|-----------------------------|--|--|
| 892-6-0108 (13 pc) | 892-6-0109 (14 pc) | 892-6-0110 (14 pc) | 892-6-0114 (14 pc) |

6 pt. Metric, Deep

4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm

| Bulk Pack (no rail) | With metal Socket Clip Rail | With magnetic base Rota-Hold Socket Rail | With magnetic base Rubber Ball Socket Rail |
|---------------------|-----------------------------|--|--|
| 892-6-0111 (13 pc) | 892-6-0112 (14 pc) | 892-6-0113 (14 pc) | 892-6-0115 (14 pc) |

Sockets

RELIEVED RADIUS SOCKETS (CONTINUED)

1/4" Drive 6 pt.

INDIVIDUAL SOCKETS

| SAE 6 PT STANDARD | | SAE 6 PT DEEP WELL | | METRIC 6 PT STANDARD | | METRIC 6 PT DEEP WELL | |
|-------------------------|--------|--------------------------|--------|----------------------------|-------|-----------------------------|-------|
| Code # | Size | Code # | Size | Code # | Size | Code # | Size |
| 892-6-0120 | 1/8" | 892-6-0150 | 5/32" | 892-6-0134 | 3.2mm | 892-6-0163 | 4mm |
| 892-6-0121 | 5/32" | 892-6-0151 | 3/16" | 892-6-0135 | 4mm | 892-6-0164 | 4.5mm |
| 892-6-0122 | 3/16" | 892-6-0152 | 7/32" | 892-6-0136 | 4.5mm | 892-6-0165 | 5mm |
| 892-6-0123 | 7/32" | 892-6-0153 | 1/4" | 892-6-0137 | 5mm | 892-6-0166 | 5.5mm |
| 892-6-0124 | 1/4" | 892-6-0154 | 9/32" | 892-6-0138 | 5.5mm | 892-6-0167 | 6mm |
| 892-6-0125 | 9/32" | 892-6-0155 | 5/16" | 892-6-0139 | 6mm | 892-6-0168 | 7mm |
| 892-6-0126 | 5/16" | 892-6-0156 | 11/32" | 892-6-0140 | 7mm | 892-6-0169 | 8mm |
| 892-6-0127 | 11/32" | 892-6-0157 | 3/8" | 892-6-0141 | 8mm | 892-6-0170 | 9mm |
| 892-6-0128 | 3/8" | 892-6-0158 | 13/32" | 892-6-0142 | 9mm | 892-6-0171 | 10mm |
| 892-6-0129 | 13/32" | 892-6-0159 | 7/16" | 892-6-0143 | 10mm | 892-6-0172 | 11mm |
| 892-6-0130 | 7/16" | 892-6-0160 | 15/16" | 892-6-0144 | 11mm | 892-6-0173 | 12mm |
| 892-6-0131 | 15/16" | 892-6-0161 | 1/2" | 892-6-0145 | 12mm | 892-6-0174 | 13mm |
| 892-6-0132 | 1/2" | 892-6-0162 | 9/16" | 892-6-0146 | 13mm | 892-6-0175 | 14mm |
| 892-6-0133 | 9/16" | | | 892-6-0147 | 14mm | | |

1/4" Drive 12 pt.

12 pt. SAE, Standard

5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 17/32", 9/16"



| Bulk Pack (no rail) | With metal Socket Clip Rail | With magnetic base Rota-Hold Socket Rail | With magnetic base Rubber Ball Socket Rail |
|------------------------|--------------------------------|---|---|
| 892-5-0500 (12 pc) | 892-5-0501 (13 pc) | 892-5-0502 (13 pc) | 892-5-0512 (13 pc) |

12 pt. Metric, Standard

4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm

| Bulk Pack (no rail) | With metal Socket Clip Rail | With magnetic base Rota-Hold Socket Rail | With magnetic base Rubber Ball Socket Rail |
|------------------------|--------------------------------|---|---|
| 892-5-0503 (13 pc) | 892-5-0504 (14 pc) | 892-5-0505 (14 pc) | 892-5-0513 (14 pc) |

12 pt. SAE, Deep

5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 17/32", 9/16"

| Bulk Pack (no rail) | With metal Socket Clip Rail | With magnetic base Rota-Hold Socket Rail | With magnetic base Rubber Ball Socket Rail |
|------------------------|--------------------------------|---|---|
| 892-5-0506 (12 pc) | 892-5-0507 (13 pc) | 892-5-0508 (13 pc) | 892-5-0514 (13 pc) |

RELIEVED RADIUS SOCKETS (CONTINUED)**1/4" Drive 12 pt. (CONTINUED)****12 pt. Metric, Deep**

4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm

**Bulk Pack
(no rail)**

892-5-0509 (13 pc)

**With metal
Socket Clip Rail**

892-5-0510 (14 pc)

**With magnetic base
Rota-Hold Socket Rail**

892-5-0511 (14 pc)

**With magnetic base
Rubber Ball Socket Rail**

892-5-0515 (14 pc)

INDIVIDUAL SOCKETS**SAE
12 PT
STANDARD****Code # Size**

892-5-0520 5/32"
 892-5-0521 3/16"
 892-5-0522 7/32"
 892-5-0523 1/4"
 892-5-0524 9/32"
 892-5-0525 5/16"
 892-5-0526 11/32"
 892-5-0527 3/8"
 892-5-0528 7/16"
 892-5-0529 1/2"
 892-5-0530 17/24"
 892-5-0531 9/16"

**SAE
12 PT
DEEP WELL****Code # Size**

892-5-0545 5/32"
 892-5-0546 3/16"
 892-5-0547 7/32"
 892-5-0548 1/4"
 892-5-0549 9/32"
 892-5-0550 5/16"
 892-5-0551 11/32"
 892-5-0552 3/8"
 892-5-0553 7/16"
 892-5-0554 1/2"
 892-5-0555 17/32"
 892-5-0556 9/16"

**METRIC
12 PT
STANDARD****Code # Size**

892-5-0532 4mm
 892-5-0533 4.5mm
 892-5-0534 5mm
 892-5-0535 5.5mm
 892-5-0536 6mm
 892-5-0537 7mm
 892-5-0538 8mm
 892-5-0539 9mm
 892-5-0540 10mm
 892-5-0541 11mm
 892-5-0542 12mm
 892-5-0543 13mm
 892-5-0544 14mm

**METRIC
12 PT
DEEP WELL****Code # Size**

892-5-0557 4mm
 892-5-0558 4.5mm
 892-5-0559 5mm
 892-5-0560 5.5mm
 892-5-0561 6mm
 892-5-0562 7mm
 892-5-0563 8mm
 892-5-0564 9mm
 892-5-0565 10mm
 892-5-0566 11mm
 892-5-0567 12mm
 892-5-0568 13mm
 892-5-0569 14mm

3/8" DRIVE**6 pt. SAE, Standard**

1/4", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"

**Bulk Pack
(no rail)**

892-6-0200 (15 pc)

**With metal
Socket Clip Rail**

892-6-0201 (16 pc)

**With magnetic base
Rota-Hold Socket Rail**

892-6-0202 (16 pc)

**With magnetic base
Rubber Ball Socket Rail**

892-6-0203 (16 pc)

6 pt. Metric, Standard

6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm

**Bulk Pack
(no rail)**

892-6-0205 (19 pc)

**With metal
Socket Clip Rail**

892-6-0206 (21 pc)

**With magnetic base
Rota-Hold Socket Rail**

892-6-0207 (20 pc)

**With 2 magnetic base
Rubber Ball Socket Rails**

892-6-0204 (21 pc)

Sockets

RELIEVED RADIUS SOCKETS (CONTINUED)

3/8" Drive 6 pt. (CONTINUED)

6 pt. SAE, Deep

1/4", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"

| Bulk Pack (no rail) | With metal Socket Clip Rail | With magnetic base Rota-Hold Socket Rail | With magnetic base Rubber Ball Socket Rail |
|------------------------|--------------------------------|---|---|
| 892-6-0208 (15 pc) | 892-6-0209 (16 pc) | 892-6-0210 (16 pc) | 892-6-0214 (16 pc) |

6 pt. Metric, Deep

6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 22mm, 23mm, 24mm

| Bulk Pack (no rail) | With metal Socket Clip Rail | With magnetic base Rota-Hold Socket Rail | With magnetic base Rubber Ball Socket Rail |
|------------------------|--------------------------------|---|---|
| 892-6-0211 (19 pc) | 892-6-0212 (21 pc) | 892-6-0213 (20 pc) | 892-6-0215 (21 pc) |

INDIVIDUAL SOCKETS

SAE 6 PT STANDARD

| Code # | Size |
|------------|--------|
| 892-6-0220 | 1/4" |
| 892-6-0221 | 5/16" |
| 892-6-0222 | 11/32" |
| 892-6-0223 | 3/8" |
| 892-6-0224 | 13/32" |
| 892-6-0225 | 7/16" |
| 892-6-0226 | 15/32" |
| 892-6-0227 | 1/2" |
| 892-6-0228 | 9/16" |
| 892-6-0229 | 5/8" |
| 892-6-0230 | 11/16" |
| 892-6-0231 | 3/4" |
| 892-6-0232 | 13/16" |
| 892-6-0233 | 7/8" |
| 892-6-0234 | 15/16" |

SAE 6 PT DEEP WELL

| Code # | Size |
|------------|--------|
| 892-6-0260 | 1/4" |
| 892-6-0261 | 5/16" |
| 892-6-0262 | 11/32" |
| 892-6-0263 | 3/8" |
| 892-6-0264 | 13/32" |
| 892-6-0265 | 7/16" |
| 892-6-0266 | 15/32" |
| 892-6-0267 | 1/2" |
| 892-6-0268 | 9/16" |
| 892-6-0269 | 5/8" |
| 892-6-0270 | 11/16" |
| 892-6-0271 | 3/4" |
| 892-6-0272 | 13/16" |
| 892-6-0273 | 7/8" |
| 892-6-0274 | 15/16" |

METRIC 6 PT STANDARD

| Code # | Size |
|------------|------|
| 892-6-0235 | 6mm |
| 892-6-0236 | 7mm |
| 892-6-0237 | 8mm |
| 892-6-0238 | 9mm |
| 892-6-0239 | 10mm |
| 892-6-0240 | 11mm |
| 892-6-0241 | 12mm |
| 892-6-0242 | 13mm |
| 892-6-0243 | 14mm |
| 892-6-0244 | 15mm |
| 892-6-0245 | 16mm |
| 892-6-0246 | 17mm |
| 892-6-0247 | 18mm |
| 892-6-0248 | 19mm |
| 892-6-0249 | 20mm |
| 892-6-0250 | 21mm |
| 892-6-0251 | 22mm |
| 892-6-0252 | 23mm |
| 892-6-0253 | 24mm |

METRIC 6 PT DEEP WELL

| Code # | Size |
|------------|------|
| 892-6-0275 | 6mm |
| 892-6-0276 | 7mm |
| 892-6-0277 | 8mm |
| 892-6-0278 | 9mm |
| 892-6-0279 | 10mm |
| 892-6-0280 | 11mm |
| 892-6-0281 | 12mm |
| 892-6-0282 | 13mm |
| 892-6-0283 | 14mm |
| 892-6-0284 | 15mm |
| 892-6-0285 | 16mm |
| 892-6-0286 | 17mm |
| 892-6-0287 | 18mm |
| 892-6-0288 | 19mm |
| 892-6-0289 | 20mm |
| 892-6-0290 | 21mm |
| 892-6-0291 | 22mm |
| 892-6-0292 | 23mm |
| 892-6-0293 | 24mm |



RELIEVED RADIUS SOCKETS (CONTINUED)

3/8" Drive 12 pt.

12 pt. SAE, Standard

1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 17/32", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 31/32"

**Bulk Pack
(no rail)**

**With metal
Socket Clip Rail**

**With magnetic base
Rota-Hold Socket Rail**

**With 2 magnetic base
Rubber Ball Socket Rails**

892-5-0600 (16 pc)

892-5-0601 (17 pc)

892-5-0602 (17 pc)

892-5-0612 (18 pc)

12 pt. Metric, Standard

6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm

**Bulk Pack
(no rail)**

**With 2 metal
Socket Clip Rails**

**With magnetic base
Rota-Hold Socket Rail**

**With 2 magnetic base
Rubber Ball Socket Rails**

892-5-0603 (19 pc)

892-5-0604 (21 pc)

892-5-0605 (20 pc)

892-5-0613 (21 pc)

12 pt. SAE, Deep

1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 17/32", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 31/32"

**Bulk Pack
(no rail)**

**With metal
Socket Clip Rail**

**With magnetic base
Rota-Hold Socket Rail**

**With 2 magnetic base
Rubber Ball Socket Rails**

892-5-0606 (16 pc)

892-5-0607 (17 pc)

892-5-0608 (17 pc)

892-5-0614 (18 pc)

12 pt. Metric, Deep

6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm

**Bulk Pack
(no rail)**

**With 2 metal
Socket Clip Rails**

**With magnetic base
Rota-Hold Socket Rail**

**With 2 magnetic base
Rubber Ball Socket Rails**

892-5-0609 (19 pc)

892-5-0610 (21 pc)

892-5-0611 (20 pc)

892-5-0615 (21 pc)

INDIVIDUAL SOCKETS

SAE 12 PT STANDARD

Code # Size

892-5-0620 1/4"
892-5-0621 9/32"
892-5-0622 5/16"
892-5-0623 11/32"
892-5-0624 3/8"
892-5-0625 7/16"
892-5-0626 1/2"
892-5-0627 17/32"
892-5-0628 9/16"

Code # Size

892-5-0629 5/8"
892-5-0630 11/16"
892-5-0631 3/4"
892-5-0632 13/16"
892-5-0633 7/8"
892-5-0634 15/16"
892-5-0635 31/32"

SAE 12 PT DEEP WELL

Code # Size

892-5-0640 1/4"
892-5-0641 9/32"
892-5-0642 5/16"
892-5-0643 11/32"
892-5-0644 3/8"
892-5-0645 7/16"
892-5-0646 1/2"
892-5-0647 17/32"

Code # Size

892-5-0648 9/16"
892-5-0649 5/8"
892-5-0650 11/16"
892-5-0651 3/4"
892-5-0652 13/16"
892-5-0653 7/8"
892-5-0654 15/16"
892-5-0655 31/32"

Sockets

RELIEVED RADIUS SOCKETS (CONTINUED)

INDIVIDUAL SOCKETS

3/8" Drive 12 pt. (CONTINUED)

METRIC 12 PT STANDARD

METRIC 12 PT DEEP WELL

| Code # | Size | Code # | Size | Code # | Size | Code # | Size |
|------------|------|------------|------|------------|------|------------|------|
| 892-5-0675 | 6mm | 892-5-0685 | 16mm | 892-5-0656 | 6mm | 892-5-0666 | 16mm |
| 892-5-0676 | 7mm | 892-5-0686 | 17mm | 892-5-0657 | 7mm | 892-5-0667 | 17mm |
| 892-5-0677 | 8mm | 892-5-0687 | 18mm | 892-5-0658 | 8mm | 892-5-0668 | 18mm |
| 892-5-0678 | 9mm | 892-5-0688 | 19mm | 892-5-0659 | 9mm | 892-5-0669 | 19mm |
| 892-5-0679 | 10mm | 892-5-0689 | 20mm | 892-5-0660 | 10mm | 892-5-0670 | 20mm |
| 892-5-0680 | 11mm | 892-5-0690 | 21mm | 892-5-0661 | 11mm | 892-5-0671 | 21mm |
| 892-5-0681 | 12mm | 892-5-0691 | 22mm | 892-5-0662 | 12mm | 892-5-0672 | 22mm |
| 892-5-0682 | 13mm | 892-5-0692 | 23mm | 892-5-0663 | 13mm | 892-5-0673 | 23mm |
| 892-5-0683 | 14mm | 892-5-0693 | 24mm | 892-5-0664 | 14mm | 892-5-0674 | 24mm |
| 892-5-0684 | 15mm | | | 892-5-0665 | 15mm | | |

1/2" DRIVE

1/2" Drive 6 pt.



6 pt. SAE, Standard

5/16", 3/8", 7/16", 15/32", 1/2", 9/16", 19/32", 5/8", 21/32", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"

| Bulk Pack (no rail) | With 2 metal Socket Clip Rails | With 2 magnetic base Rota-Hold Socket Rails | With 2 magnetic base Rubber Ball Socket Rails |
|---------------------|--------------------------------|---|---|
|---------------------|--------------------------------|---|---|

892-6-0300 (20 pc) 892-6-0301 (22 pc) 892-6-0302 (22 pc) 892-6-0303 (22 pc)

6 pt. Metric, Standard

8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 25mm, 26mm, 27mm, 28mm, 29mm, 30mm, 32mm

| Bulk Pack (no rail) | With 2 metal Socket Clip Rails | With 2 magnetic base Rota-Hold Socket Rails | With 2 magnetic base Rubber Ball Socket Rails |
|---------------------|--------------------------------|---|---|
|---------------------|--------------------------------|---|---|

892-6-0304 (24 pc) 892-6-0305 (26 pc) 892-6-0306 (26 pc) 892-6-0307 (26 pc)

RELIEVED RADIUS SOCKETS (CONTINUED)

1/2" Drive 6 pt. (CONTINUED)

6 pt. SAE, Deep

5/16", 3/8", 7/16", 15/32", 1/2", 9/16", 19/32", 5/8", 21/32", 5/8", 21/32", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"

**Bulk Pack
(no rail)**

**With 2 metal
Socket Clip Rail**

**With 2 magnetic base
Rota-Hold Socket Rails**

**With 2 magnetic base
Rubber Ball Socket Rails**

892-6-0308 (20 pc)

892-6-0309 (22 pc)

892-6-0310 (22 pc)

892-6-0314 (22 pc)

6 pt. Metric, Deep

8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 25mm, 26mm, 27mm, 28mm, 29mm, 30mm, 32mm

**Bulk Pack
(no rail)**

**With 2 metal
Socket Clip Rails**

**With 2 magnetic base
Rota-Hold Socket Rails**

**With 2 magnetic base
Rubber Ball Socket Rails**

892-6-0311 (24 pc)

892-6-0312 (26 pc)

892-6-0313 (26 pc)

892-6-0404 (26 pc)

INDIVIDUAL SOCKETS

**SAE
6 PT
STANDARD**

**SAE
6 PT
DEEP WELL**

**METRIC
6 PT
STANDARD**

**METRIC
6 PT
DEEP WELL**

Code #

Size

Code #

Size

Code #

Size

Code #

Size

892-6-0315 5/16"
892-6-0316 3/8"
892-6-0317 7/16"
892-6-0318 15/32"
892-6-0319 1/2"
892-6-0320 9/16"
892-6-0321 19/32"
892-6-0322 5/8"
892-6-0323 21/32"
892-6-0324 11/16"
892-6-0325 3/4"
892-6-0326 25/32"
892-6-0327 13/16"
892-6-0328 7/8"
892-6-0329 15/16"
892-6-0330 1"
892-6-0331 1-1/16"
892-6-0332 1-1/8"
892-6-0333 1-3/16"
892-6-0334 1-1/4"

892-6-0360 5/16"
892-6-0361 3/8"
892-6-0362 7/16"
892-6-0363 15/32"
892-6-0364 1/2"
892-6-0365 9/16"
892-6-0366 19/32"
892-6-0367 5/8"
892-6-0368 21/32"
892-6-0369 11/16"
892-6-0370 3/4"
892-6-0371 25/32"
892-6-0372 13/16"
892-6-0373 7/8"
892-6-0374 15/16"
892-6-0375 1"
892-6-0376 1-1/16"
892-6-0377 1-1/8"
892-6-0378 1-3/16"
892-6-0379 1-1/4"

892-6-0335 8mm
892-6-0336 9mm
892-6-0337 10mm
892-6-0338 11mm
892-6-0339 12mm
892-6-0340 13mm
892-6-0341 14mm
892-6-0342 15mm
892-6-0343 16mm
892-6-0344 17mm
892-6-0345 18mm
892-6-0346 19mm
892-6-0347 20mm
892-6-0348 21mm
892-6-0349 22mm
892-6-0350 23mm
892-6-0351 24mm
892-6-0352 25mm
892-6-0353 26mm
892-6-0354 27mm
892-6-0355 28mm
892-6-0356 29mm
892-6-0357 30mm
892-6-0358 32mm

892-6-0380 8mm
892-6-0381 9mm
892-6-0382 10mm
892-6-0383 11mm
892-6-0384 12mm
892-6-0385 13mm
892-6-0386 14mm
892-6-0387 15mm
892-6-0388 16mm
892-6-0389 17mm
892-6-0390 18mm
892-6-0391 19mm
892-6-0392 20mm
892-6-0393 21mm
892-6-0394 22mm
892-6-0395 23mm
892-6-0396 24mm
892-6-0397 25mm
892-6-0398 26mm
892-6-0399 27mm
892-6-0400 28mm
892-6-0401 29mm
892-6-0402 30mm
892-6-0403 32mm

Sockets

RELIEVED RADIUS SOCKETS (CONTINUED)



1/2" Drive 12 pt.

12 pt. SAE, Standard

5/16", 11/32", 3/8", 13/32", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 31/32", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"

| Bulk Pack (no rail) | With 2 metal Socket Clip Rail | With 2 magnetic base Rota-Hold Socket Rails | With 2 magnetic base Rubber Ball Socket Rails |
|------------------------|----------------------------------|--|--|
| 892-5-0700 (19 pc) | 892-5-0701 (21 pc) | 892-5-0702 (21 pc) | 892-5-0712 (21 pc) |

12 pt. Metric, Standard

8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 25mm, 26mm, 27mm, 28mm, 29mm, 30mm, 32mm

| Bulk Pack (no rail) | With 2 metal Socket Clip Rail | With 2 magnetic base Rota-Hold Socket Rails | With 2 magnetic base Rubber Ball Socket Rails |
|------------------------|----------------------------------|--|--|
| 892-5-0703 (24 pc) | 892-5-0704 (26 pc) | 892-5-0705 (26 pc) | 892-5-0713 (26 pc) |

12 pt. SAE, Deep

5/16", 11/32", 3/8", 13/32", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 31/32", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"

| Bulk Pack (no rail) | With 2 metal Socket Clip Rail | With 2 magnetic base Rota-Hold Socket Rails | With 2 magnetic base Rubber Ball Socket Rails |
|------------------------|----------------------------------|--|--|
| 892-5-0706 (19 pc) | 892-5-0707 (21 pc) | 892-5-0708 (21 pc) | 892-5-0698 (21 pc) |

12 pt. Metric, Deep

8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 25mm, 26mm, 27mm, 28mm, 29mm, 30mm, 32mm

| Bulk Pack (no rail) | With 2 metal Socket Clip Rail | With 2 magnetic base Rota-Hold Socket Rails | With 2 magnetic base Rubber Ball Socket Rails |
|------------------------|----------------------------------|--|--|
| 892-5-0709 (24 pc) | 892-5-0710 (26 pc) | 892-5-0711 (26 pc) | 892-5-0699 (26 pc) |

RELIEVED RADIUS SOCKETS (CONTINUED)

1/2" Drive 12 pt. (CONTINUED)

INDIVIDUAL STANDARD SOCKETS

| SAE 12 PT STANDARD | | SAE 12 PT DEEP WELL | | METRIC 12 PT STANDARD | | METRIC 12 PT DEEP WELL | |
|--------------------------|---------|---------------------------|---------|-----------------------------|------|------------------------------|------|
| Code # | Size | Code # | Size | Code # | Size | Code # | Size |
| 892-5-0714 | 5/16" | 892-5-0757 | 5/16" | 892-5-0733 | 8mm | 892-5-0776 | 8mm |
| 892-5-0715 | 11/32" | 892-5-0758 | 11/32" | 892-5-0734 | 9mm | 892-5-0777 | 9mm |
| 892-5-0716 | 3/8" | 892-5-0759 | 3/8" | 892-5-0735 | 10mm | 892-5-0778 | 10mm |
| 892-5-0717 | 13/32" | 892-5-0760 | 13/32" | 892-5-0736 | 11mm | 892-5-0779 | 11mm |
| 892-5-0718 | 7/16" | 892-5-0761 | 7/16" | 892-5-0737 | 12mm | 892-5-0780 | 12mm |
| 892-5-0719 | 1/2" | 892-5-0762 | 1/2" | 892-5-0738 | 13mm | 892-5-0781 | 13mm |
| 892-5-0720 | 9/16" | 892-5-0763 | 9/16" | 892-5-0739 | 14mm | 892-5-0782 | 14mm |
| 892-5-0721 | 5/8" | 892-5-0764 | 5/8" | 892-5-0740 | 15mm | 892-5-0783 | 15mm |
| 892-5-0722 | 11/16" | 892-5-0765 | 11/16" | 892-5-0741 | 16mm | 892-5-0784 | 16mm |
| 892-5-0723 | 3/4" | 892-5-0766 | 3/4" | 892-5-0742 | 17mm | 892-5-0785 | 17mm |
| 892-5-0724 | 13/16" | 892-5-0767 | 13/16" | 892-5-0743 | 18mm | 892-5-0786 | 18mm |
| 892-5-0725 | 7/8" | 892-5-0768 | 7/8" | 892-5-0744 | 19mm | 892-5-0787 | 19mm |
| 892-5-0726 | 15/16" | 892-5-0769 | 15/16" | 892-5-0745 | 20mm | 892-5-0788 | 20mm |
| 892-5-0727 | 31/32" | 892-5-0770 | 31/32" | 892-5-0746 | 21mm | 892-5-0789 | 21mm |
| 892-5-0728 | 1" | 892-5-0771 | 1" | 892-5-0747 | 22mm | 892-5-0790 | 22mm |
| 892-5-0729 | 1-1/16" | 892-5-0772 | 1-1/16" | 892-5-0748 | 23mm | 892-5-0791 | 23mm |
| 892-5-0730 | 1-1/8" | 892-5-0773 | 1-1/8" | 892-5-0749 | 24mm | 892-5-0792 | 24mm |
| 892-5-0731 | 1-3/16" | 892-5-0774 | 1-3/16" | 892-5-0750 | 25mm | 892-5-0793 | 25mm |
| 892-5-0732 | 1-1/4" | 892-5-0775 | 1-1/4" | 892-5-0751 | 26mm | 892-5-0794 | 26mm |
| | | | | 892-5-0752 | 27mm | 892-5-0795 | 27mm |
| | | | | 892-5-0753 | 28mm | 892-5-0796 | 28mm |
| | | | | 892-5-0754 | 29mm | 892-5-0797 | 29mm |
| | | | | 892-5-0755 | 30mm | 892-5-0798 | 30mm |
| | | | | 892-5-0756 | 32mm | 892-5-0799 | 32mm |

Hex Wobbles

**Solution Series
HAND TOOLS**

HEX WOBBLER SOCKET BALL DRIVER SET, 3/8" DRIVE

LIFETIME WARRANTY

- Innovative design drives even at a 30 degree angle, offering greater access when clearance, obstructions or confined spaces are a problem
- 3/8" Drive socket provides for easier use and greater torque on fasteners
- Comes with additional #2 Phillips bit and a 5/32" slotted bit for use on common fastener heads
- *Heavy-duty chrome-vanadium steel construction* provides strength and corrosion resistance
- Ball drivers and bit tips are coated with a gray corrosion resistant finish
- Custom made exclusive rail has rubber ball mounts that allow socket to snap on for a tight fit
- Magnetic base sticks to steel surfaces, making sockets easily accessible while on the job



Use Hex Wobblers with the Stwobblers Socket Extensions to reach those hard-to-access fasteners!



Phillips head Flat head

| Code # | Description | Size |
|------------|--|---|
| 893-1-0055 | 11 pc SAE Hex Wobble Socket Ball Driver Set on a | 1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 3/8", 5/32" Slotted Bit, #2 Phillips Bit and Custom Magnetic Base Rubber Ball Socket Rail |
| 893-1-0056 | 11 pc Metric Hex Wobble | 3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 5/32" Slotted Bit, #2 Phillips Bit and Socket Ball Driver Set Custom Magnetic Base Rubber Ball Socket Rail |

INDIVIDUAL SOCKETS, 3/8" DRIVE

SAE

| Code # | Size |
|------------|-------------------------|
| 893-1-2512 | 1/8" |
| 893-1-2515 | 5/32" |
| 893-1-2518 | 3/16" |
| 893-1-2521 | 7/32" |
| 893-1-2525 | 1/4" |
| 893-1-2528 | 9/32" |
| 893-1-2531 | 5/16" |
| 893-1-2537 | 3/8" |
| 893-1-2590 | 5/32 Slotted Driver Bit |
| 893-1-2591 | #2 Phillips Driver Bit |

METRIC

| Code # | Size |
|------------|------|
| 893-1-2503 | 3mm |
| 893-1-2504 | 4mm |
| 893-1-2505 | 5mm |
| 893-1-2506 | 6mm |
| 893-1-2507 | 7mm |
| 893-1-2508 | 8mm |
| 893-1-2509 | 9mm |
| 893-1-2510 | 10mm |

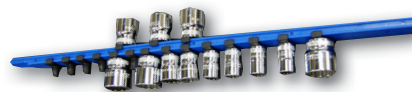
**Solution Series
HAND TOOLS**

**MAGNETIC BASE ROTA-HOLD
SOCKET ORGANIZER**

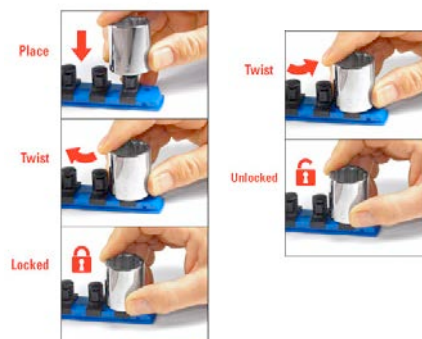
LIFETIME WARRANTY

- Available in 1/4" drive, 3/8" drive, 1/2" drive
- With a simple twist, your sockets are firmly secured in a locked position
- Twist in the reverse direction and your sockets are free to remove
- Provides a secure and durable socket fit that also allows for easy, smooth socket engagement and removal
- Add, remove, and insert clips on any portion and side of the socket organizer
- Add Sidewinder and/or Forward mount ratchet and extension holder to conveniently hold or transport sockets, ratchets and extensions all at once

Note: Magnetic base does not function when sockets are loaded on both sides of the rail.



5 Easy steps to operate



| Code # | Description |
|--------|-------------|
|--------|-------------|

| | |
|------------|---|
| 893-5-0007 | 1/4" drive X 13" w/15 clips and magnetic base |
| 893-5-0008 | 3/8" drive X 18" w/17 clips and magnetic base |
| 893-5-0009 | 1/2" drive X 18" w/17 clips and magnetic base |

Magnetic Base Rota-Hold Socket Organizer Accessories

Rota-Hold Sidewinder Ratchet and Extension Holder

- Have one or more ratchets and extensions of various lengths attached to the rail, available at your fingertips
- No more searching for ratchets and extensions
- Made of high-impact durable plastic

Note: Magnetic base does not function when Rota-Hold Sidewinder Ratchet and Extension Holders are attached.

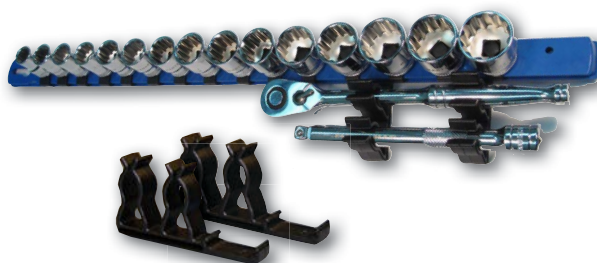
Rota-Hold Forward Mount Ratchet and Extension Holder

- Allows user to fill up partially consumed rails, creating an even balance
- Made of high-impact durable plastic
- Provides more efficient storage and transportation of socket sets
- Securely hold two 3/8" drive or two 1/2" drive Rota-hold rails
- Simple push button release allows user to remove socket rail

| Code # | Description |
|--------|-------------|
|--------|-------------|

| | |
|------------|---|
| 893-5-0011 | 1/4" drive Rota-Hold Sidewinder Ratchet and Extension Holder |
| 893-5-0013 | 3/8" drive Rota-Hold Sidewinder Ratchet and Extension Holder |
| 893-5-0015 | 1/2" drive Rota-Hold Sidewinder Ratchet and Extension Holder |
| 893-5-0010 | 1/4" drive Rota-Hold Forward Mount Ratchet and Extension Holder |
| 893-5-0012 | 3/8" drive Rota-Hold Forward Mount Ratchet and Extension Holder |
| 893-5-0014 | 1/2" drive Rota-Hold Forward Mount Ratchet and Extension Holder |
| 893-5-0026 | Rota-Hold Socket Rail Tray |

Sockets, Ratchets and extensions sold separately



Socket Holders

Solution Series **HAND TOOLS**

MAGNETIC BASE ROTA-HOLD SOCKET ORGANIZER WITH SOCKET AND EXTENSION HOLDERS

LIFETIME WARRANTY



| Code # | Description |
|------------|---|
| 893-5-0020 | Rota-Hold 1/4" drive Socket Organizer with Forward Mount Ratchet and Extension Holder |
| 893-5-0021 | Rota-Hold 1/4" drive Socket Organizer with Sidewinder Ratchet and Extension Holder |
| 893-5-0022 | Rota-Hold 3/8" drive Socket Organizer with Forward Mount Ratchet and Extension Holder |
| 893-5-0023 | Rota-Hold 3/8" drive Socket Organizer with Sidewinder Ratchet and Extension Holder |
| 893-5-0024 | Rota-Hold 1/2" drive Socket Organizer with Forward Mount Ratchet and Extension Holder |
| 893-5-0025 | Rota-Hold 1/2" drive Socket Organizer with Sidewinder Ratchet and Extension Holder |



MAGNETIC BASE RUBBER BALL SOCKET RAIL

- Rubber ball mounts allow sockets to snap on for a tight fit
- Magnetic base sticks to steel surfaces making sockets easily accessible on the job
- Color coded for easy drive size identification

| Code # | Description |
|------------|--|
| 893-5-0031 | 1/4" drive Rubber Ball Socket Rail, 15 position with magnetic base (Black) |
| 893-5-0032 | 3/8" drive Rubber Ball Socket Rail, 15 position with magnetic base (Grey) |
| 893-5-0033 | 1/2" drive Rubber Ball Socket Rail, 15 position with magnetic base (Blue) |



METAL SOCKET CLIP RAIL

- Neatly stores and organizes sockets
- Can be placed in tool box or mounted to wall
- Durable all steel construction

| Code # | Description |
|------------|--|
| 893-5-0028 | 1/4" drive Metal Socket Rail with 16 clips |
| 893-5-0029 | 3/8" drive Metal Socket Rail with 16 clips |
| 893-5-0030 | 1/2" drive Metal Socket Rail with 16 clips |
| 893-5-0035 | 3/4" drive Metal Socket Rail with 10 clips |



**Solution Series
HAND TOOLS**
**ROLLIN' THUNDER SWIVEL
HEAD RATCHETS**

- Reach and ratchet in out-of-position, hard to reach, confined spaces
- Rolling ratchet head allows user to reposition the ratchet head 1 degree to 360 degrees, allowing ratcheting to be accomplished in any position or situation
- *Heavy-duty chrome-vanadium construction* provides strength and mirror chrome plated or corrosion resistance
- Comfort grip handle and repositionable head promote Ergonomics by reducing awkward positioning reducing the affects of forceful exertions
- Push button quick release function allows rapid removal of sockets and extensions
- Forward and reverse lever type with 48-tooth gear construction
- Meets ASNI/ASME B107.10 m-1996

Code # Size

| | |
|------------|------------|
| 893-1-0009 | 1/4" drive |
| 893-1-0010 | 3/8" drive |
| 893-1-0011 | 1/2" drive |

Rolling joint function between head and handle provides easy access in confined, hard-to-reach applications.

LIFETIME WARRANTY


Ratchets

**Solution Series
HAND TOOLS**

EXTRA LONG FLEX-HEAD RATCHETS

- 36 fine tooth ratchet design for maximum torque
- Less than 10 degree sweep for use in tight confined spaces
- Extra long flex-head for easier access to confined areas and enhanced Ergonomics
- Push button socket release design
- Meets ANSI/ASME B107.10 M-1996
- *Heavy-duty mirror finish chrome-vanadium steel* provides maximum strength and durability
- Ergonomic comfort grip rubber handle for a stronger grip and reduced operator fatigue
- Polished chrome plating for corrosion resistance and easy cleaning
- Extra long ratchet with rubber grip handle

LIFETIME WARRANTY



| Code # | Size | Length |
|------------|----------------------------|--------|
| 893-1-0023 | 1/4" Drive | 12" |
| 893-1-0024 | 3/8" Drive | 18" |
| 893-1-0025 | 1/2" Drive | 24" |
| 893-1-0036 | 1/4", 3/8", 1/2" 3 pc. Set | |



**Solution Series
HAND TOOLS**

DUAL-HEAD RATCHETS

Stubby and Full Length Offset

- Dual-head means 2 ratchets in one
- 72 fine tooth ratchet design for less travel between ratcheting action and provides for a 5 degree sweep in confined spaces
- *Heavy-duty mirror finish chrome-vanadium steel* handle and head provide strength and corrosion resistance
- Meets ANSI/ASME B107.10 M-1996
- Tough Ergonomic comfort grip handle for better user comfort and reduced hand fatigue

LIFETIME WARRANTY



| Code # | Description | Size |
|------------|--------------------------------------|----------------------------------|
| 893-1-0002 | Dual-Head Full Length Offset Ratchet | 3/8" X 1/2" Drive X 10" (OAL) |
| 893-1-0004 | Dual-Head Full Length Offset Ratchet | 1/4" X 3/8" Drive X 7-7/8" (OAL) |
| 893-1-0006 | Dual-Head Stubby Ratchet | 3/8" X 1/2" Drive X 5-1/4" (OAL) |
| 893-1-0008 | Dual-Head Stubby Ratchet | 1/4" X 3/8" Drive X 5-1/4" (OAL) |

**RATCHET REVERSIBLE
EXTENDABLE RATCHET**

- Easy-to-use spring loaded slide mechanism allows handle to be extended, providing greater torque and access to hard to reach areas
- 72 tooth ratchet design provides a 5 degree sweep, enabling ratcheting engagement in tight, confined spaces
- Ergonomic comfort grip handle for better grip and reduced operator fatigue
- Simple spring loaded push button feature for fast and easy socket engagement and removal
- *Heavy-duty chrome-vanadium steel* provides maximum strength and durability
- Polished chrome finish for corrosion resistance and easy cleaning

LIFETIME WARRANTY



| Code # | Drive Size | Retracted/ Extended Length | Incremental Extensions | Total Usable Handle Lengths and Extensions |
|------------|------------------------|-------------------------------|---------------------------|---|
| 893-1-0026 | 1/4" | 6" - 7-3/4" | 2 | 3) Position 1 - Completely Closed 6" Position 2 - 1st Extension 6-3/4" Position 3 - 2nd Extension 7-3/4" |
| 893-1-0027 | 3/8" | 8-1/2" - 12-9/16" | 3 | 4) Position 1 - Completely Closed 8-1/2" Position 2 - 1st Extension 9-7/8" Position 3 - 2nd Extension 11-5/16" Position 4 - 3rd Extension 12-9/16" |
| 893-1-0028 | 1/2" | 12" - 17-5/8" | 5 | 6) Position 1 - Completely Closed 12" Position 2 - 1st Extension 13-1/8" Position 3 - 2nd Extension 14-1/4" Position 4 - 3rd Extension 15-3/8" Position 5 - 4th Extension 16-1/2" Position 6 - 5th Extension 17-5/8" |
| 893-1-0034 | 1/4", 3/8", 1/2" | 3 pc. Set | | |
| 893-1-0035 | 1/4", 3/8", 1/2", 3/4" | 4 pc. Set | | |



Easy-to-use spring loaded slide mechanism allows handle to be extended, providing greater torque and access to hard to reach areas



Ratchets

**Solution Series
HAND TOOLS**

LIFETIME WARRANTY

3/4" DRIVE RATCHET REVERSIBLE EXTENDABLE RATCHET

- Heavy-duty solid bar mirror finish chrome-vanadium steel construction provides strength and corrosion resistance
- Heavy-duty S10C steel tube for strength and mirror chrome plated for corrosion resistance
- 24-tooth gear head provides solid strength and a 15 degree sweep
- Overall length 27" including ratchet head
- Handle has 3 extensions of 3-3/4" increments



| Code # | Description | Close/ Extended Length | Incremental Extensions | Total Usable Handle Lengths and Extensions |
|--------|-------------|---------------------------|---------------------------|---|
|--------|-------------|---------------------------|---------------------------|---|

| | | | | |
|------------|-------------------------------|-------------------|---|---|
| 893-1-0029 | 3/4" Drive Extendable Ratchet | 19-1/2" - 30-1/2" | 3 | 4) Position 1 - Completely Closed 19-1/2" Position 2 - 1 st Extension 23" Position 3 - 2 nd Extension 26-1/2" Position 4 - 3 rd Extension 30-1/2" |
|------------|-------------------------------|-------------------|---|---|



Extendable

**Solution Series
HAND TOOLS**

LOW PROFILE MICRO HEAD TEAR DROP RATCHETS

- Heavy-duty solid bar mirror finish chrome-vanadium steel construction provides strength and corrosion resistance
- 72-tooth gear head provides a 5 degree sweep enabling ratcheting engagement in tight confined spaces
- Push-button, quick release feature allows for smooth and easy socket replacement
- Locking pin on drive bar assures the user that the socket will not fall off
- Recessed forward / reverse lever is designed for easy access and to avoid the work zone

LIFETIME WARRANTY



| Code # | Description | Length |
|--------|-------------|--------|
|--------|-------------|--------|

| | | |
|------------|------------|----------|
| 892-6-0500 | 1/4" drive | 5" |
| 892-6-0505 | 3/8" drive | 7-3/4" |
| 892-6-0510 | 1/2" drive | 9-13/16" |

**Solution Series
HAND TOOLS****COMFORT GRIP ERGONOMIC RATCHETING
BREAKER BAR**

- Tri-lobular comfort grip Ergonomic handle with fatigue resistant thumb traction grooves
- Ergonomic pivoting head reduces fatigue caused by awkward positioning
- Ratchet head swivels 180 degrees
- *Heavy-duty mirror finish chrome-vanadium steel construction* provides strength and corrosion resistance
- 3-way ratcheting action: forward, locked and reverse

LIFETIME WARRANTY

| Code # | Description | Length | Max. Torque |
|------------|--------------------------|--------|-----------------------|
| 893-1-0015 | 3/8" Ratchet breaker bar | 15" | 148 ft/ lbs (20 kg/m) |
| 893-1-0018 | 1/2" Ratchet breaker bar | 18" | 376 ft/ lbs (52 kg/m) |
| 893-1-0033 | 2pcs Ratchet breaker bar | | |

4 PC RATCHETING ADAPTER SET IN CUSTOM EVA FOAM TRAY

The Partsmaster Solution to non-ratcheting 1/4", 3/8" and 1/2" drive tools

- A simple solution to non-ratcheting breaker bars, t-bars, speeder handles, torque wrenches, spinning t-handles and straight handled locking hand drive extension sets
- The male drive side is constructed of a heavy-duty, chrome-moly alloy with a 48-52 Rockwell-C hardness
- The female receiving side is constructed of a heavy-duty chrome-vanadium alloy with a 42-45 Rockwell-C hardness
- 24-teeth provide solid strength and a 15 degree sweep
- Maximum Torque:

| | | |
|----------|----------|----------|
| | Ft./lbs. | In./lbs. |
| 1/4" DR. | 47 | 564 |
| 3/8" DR. | 188 | 2257 |
| 1/2" DR. | 470 | 5642 |



| Code # | Description |
|------------|------------------------|
| 892-8-5410 | Ratcheting Adapter Set |

STWOBBLES SOCKET EXTENSIONS

- Wobble joint allows access to hard to reach nuts and bolts
- Locks in straight and provides a rigid length to reach nuts and bolts
- *Heavy-duty mirror finish chrome-vanadium steel construction* provides strength and anti-corrosion
- Bright chrome finish provides easy cleanup and makes tools corrosion resistant
- Knurled shank for a better grip for handling and finger tightening
- Superior tolerances offered by a spring loaded ball bearing keeper won't fall apart and lose sockets
- Meets ASME B107.10 M



| Code # | Description | Length |
|------------|-------------------------------|------------------|
| 893-1-0050 | 1/4 set | 2", 4", 6" |
| 893-1-0051 | 3/8 set | 3", 6", 10" |
| 893-1-0052 | 1/2 set | 3", 5", 10" |
| 893-1-0053 | 1/4, 3/8, 1/2 deluxe set | All 9 extensions |
| 893-1-2542 | 1/4" Drive Stwobble Extension | 2" |
| 893-1-2544 | 1/4" Drive Stwobble Extension | 4" |
| 893-1-2546 | 1/4" Drive Stwobble Extension | 6" |
| 893-1-2583 | 3/8" Drive Stwobble Extension | 3" |
| 893-1-2586 | 3/8" Drive Stwobble Extension | 6" |
| 893-1-2588 | 3/8" Drive Stwobble Extension | 10" |
| 893-1-2593 | 1/2" Drive Stwobble Extension | 3" |
| 893-1-2594 | 1/2" Drive Stwobble Extension | 5" |
| 893-1-2595 | 1/2" Drive Stwobble Extension | 10" |



Straight lock feature provides a rigid length to reach nuts and bolts



Wobble joint feature allows access to hard to reach nuts and bolts

Extensions

Solution Series **HAND TOOLS**

LIGHTED SOCKET EXTENSION SET

- Finger switch on/off lever
- Convenient to use - simply attach extension and direct light to subject
- No more flashlight in mouth or in free hand
- No more hassle with trouble lights
- 3 pc set with 6 extra batteries
- *Heavy-duty mirror finish chrome-vanadium steel construction* provides strength and anti-corrosion
- Meets ASME B107.10 M



| Code # | Description |
|------------|--|
| 893-1-0043 | 3/8" and 1/2" drive, 1/2" M X 3/8" F adapter and 6 batteries |



CROSS-OVER SOCKET EXTENSIONS

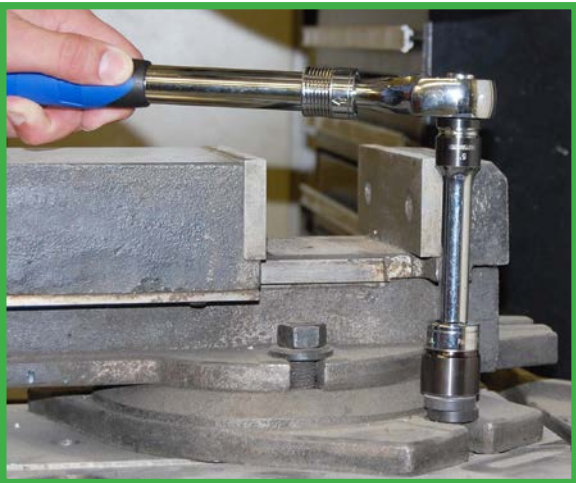
- Impact-grade chrome -molybdenum steel and a special heat treatment create a softer more flexible steel composition that absorbs pressure and rebounds under heavy torquing situations
- *Heavy-duty mirror finish* provides strength, corrosion resistance, and reduces flash rusting commonly associated with all standard black oxide pneumatic extensions
- Chrome and black oxide color easily identifies it from other extensions
- Meets ANSI, BS, and DIN requirements, ANSI B107.2 Standards
- Can be used with standard drive tools , 18-volt ratchets, and pneumatic impacts
- Each extension's length is lasered on the extension for easy length identification
- The perfect complement to the Solution Series Cross-Over Sockets
- Lifetime warranty

LIFETIME WARRANTY



| Code # | Description | Length |
|------------|-----------------------------------|------------------|
| 893-2-0050 | 3/8" drive set | 3", 5", 10" |
| 893-2-0051 | 1/2" drive set | 3", 5", 10" |
| 893-2-0052 | 3/4" drive set | 3", 6" |
| 893-2-0053 | 3/8", 1/2", 3/4" drive deluxe set | All 8 extensions |

Easy Identification



Can be used with standard drive tool, 18-volt ratchets, and pneumatic ratchets and impact wrenches

**10 PC SCREWDRIVER SET
WITH ERGONOMIC COMFORT GRIP
TRACTION GROOVE HANDLES**

- Magnetized precision ground black oxide tips
- Slip resistant Ergonomic handle manufactured from impact resistant TPR material with anti-fatigue thumb traction grooves
- Hex bolsters on shanks makes it easy to use a wrench to loosen difficult screws
- *Heavy-duty chrome-vanadium go-through hex steel shafts* with metal striking caps
- Go-through shafts with barbs in handle prevent handle/shank slippage
- Set includes all popular Phillips and slotted sizes



Magnetic tips on every driver in set!



Partsmaster 10-piece screwdriver sets allow for use of a wrench, and to fit into those tight confined spaces!

SET

| Code # | Description | Size |
|------------|-----------------------|---|
| 811-0-0330 | 10 pc Screwdriver Set | All Phillips and slotted screwdrivers below |

INDIVIDUAL SIZES

| Code # | Type | Tip Size | Length |
|------------|----------|----------|--------|
| 811-0-0331 | Phillips | PH 1 | 3" |
| 811-0-0332 | Phillips | PH 2 | 4" |
| 811-0-0333 | Phillips | PH 3 | 6" |
| 811-0-0334 | Phillips | PH 2 | Stubby |
| 811-0-0335 | Slotted | 3/16" | 3" |
| 811-0-0336 | Slotted | 1/4" | 4" |
| 811-0-0337 | Slotted | 5/16" | 6" |
| 811-0-0338 | Slotted | 1/4" | Stubby |
| 811-0-0339 | Slotted | 1/4" | 6" |
| 811-0-0340 | Slotted | 3/8" | 3-1/2" |

Screwdrivers

Solution Series **HAND TOOLS**

ALL-IN-ONE SCREWDRIVER

- Heavy-duty chrome-vanadium steel shaft fits all Phillips on one end and 1/4" slotted on the other
- Patented design tip fits all standard Phillips heads
- Meets ASME B107.15



Code #

Size

811-0-0341

All-In-One Screwdriver

Solution Series **HAND TOOLS**

9 PC 14-IN-1 MINIATURE ERGONOMIC PRECISION DUAL HEAD SCREWDRIVER AND TORX DRIVER SET

- Heavy-duty chrome-vanadium molybdenum steel
- 14 tools-in-one
- Compact, light and convenient enough to carry in a tool pouch
- Consists of all the small, hard to find Phillips, slotted and torx driver heads
- Interchangeable hex shanks are easily adjusted to any length the shank allows by simply loosening then tightening the Ergonomic handle nut to the desired length
- Rotating Ergonomic handle cap allows user to perform fine manipulation with palm and fingertip control with less effort and a less awkward grip
- Slip resistant Ergonomic handle manufactured from impact resistant TPR material
- Anti-corrosive coated tips



Code #

Description

811-0-0450

9 pc 14 in 1 Miniature Ergonomic Precision Dual Head Screwdriver and Torx Driver Set
Set Consists of: Slotted 2.0, Slotted 3.0, Slotted 4.0, Phillips 0.0, Phillips 0, Phillips 1, Torx 5, 6, 7, 8, 9, 10, 15, 20

1000V Screwdrivers

Solution Series
HAND TOOLS

14 PC 1000 – VOLT INTERCHANGEABLE ERGONOMIC COMFORT GRIP QUICK DISCONNECT SCREWDRIVER AND TORX DRIVER SET

- Quick change Ergonomic comfort grip handle reduces hand fatigue and allows user a greater grip with less effort to improve torque as well as user performance and comfort
- Individual interchangeable quick disconnect drivers allow user to quickly and efficiently change out sizes without downtime
- Interchangeable quick release rotating caps allow user to perform fine manipulation with palm and finger tip control
- Custom roll-up pouch
- Compact, light and convenient enough to carry in a tool pouch and for every day use
- Extra securing flaps inside pouch for circuit tester
- Anti-corrosive magnetic tips
- Meets insulation standards: DIN EN 60900, IEC 900 and VDE 0682/part 201
- Tools meet 10,000 volt test standards; certified to 1000 volt AC or 1500 volt DC



Warning:

- **Never work on live or energized circuits or equipment**
- Insulated tools are not intended for use on live or energized circuits
- Always disconnect and de-energize all equipment and circuits
- Visually inspect your 1000-Volt tools before use
- If insulation appears to be penetrated, loose, damaged or worn, discard and replace the tool

| Code # | Description |
|------------|--|
| 811-0-0600 | 14 pc 1000 Volt Interchangeable Ergonomic Comfort Grip Quick Disconnect Screwdriver and Torx Driver Set Set Consists of: Phillips 0, Phillips 1, Phillips 2, Torx – T15, Torx – T20 Slotted, 2.5, 3, 4, 5.5, 6.5 Interchangeable Blades, Quick Change Handle, Two Color-Coded Quick Change Rotating Caps and Custom Roll-up Pouch |

INDIVIDUAL DRIVERS

| Code # | Description |
|------------|-------------|
| 811-0-0601 | Phillips #0 |
| 811-0-0602 | Phillips #1 |
| 811-0-0603 | Phillips #2 |
| 811-0-0604 | Torx T20 |
| 811-0-0605 | Torx T15 |
| 811-0-0606 | Slotted 2.5 |
| 811-0-0607 | Slotted 3 |
| 811-0-0608 | Slotted 4 |
| 811-0-0609 | Slotted 5.5 |
| 811-0-0610 | Slotted 6.5 |



Check out the demo video!

**Solution Series
HAND TOOLS**

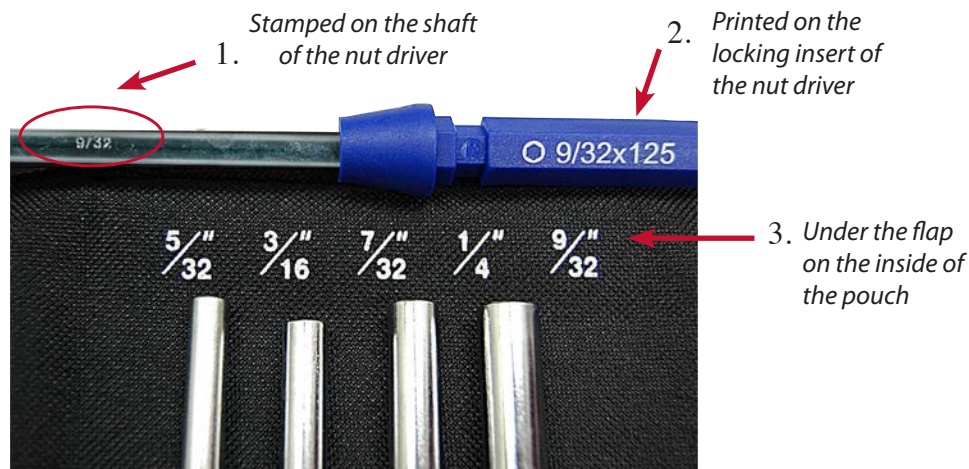
LIFETIME WARRANTY

**INTERCHANGEABLE ERGONOMIC
COMFORT GRIP QUICK DISCONNECT
DEEP WELL NUT DRIVER SET**



- Quick change Ergonomic comfort grip handle reduces hand fatigue and provides greater torque as well as user performance and comfort
- Individual interchangeable quick disconnect drivers allow user to quickly and efficiently changeout sizes without downtime
- Heavy-duty chrome-vanadium steel shaft
- Wide variety of sizes – 10 SAE and 10 Metric
- Deep open wells for working on the nut side of long threaded fasteners
- Compact, light and convenient enough to carry in a tool pouch and for everyday use
- Custom roll-up pouch

Each insert has three size identification locations:



| Code # | Description |
|------------|--|
| 893-2-0045 | 12 pc SAE - 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", Quick change Ergonomic handle and custom roll-up velcro lock pouch |
| 893-2-0046 | 12 pc Metric - 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, Quick change Ergonomic handle and custom roll-up velcro lock pouch |



Simply twist/release to change out sizes



Deep well feature provides access to nuts attached to long threaded fasteners

Nut Drivers

Solution Series **HAND TOOLS**

9 PC MINIATURE ERGONOMIC PRECISION SAE AND METRIC HEX DRIVER SETS

- Heavy-duty chrome-vanadium molybdenum steel
- 7 tools-in-one
- Custom carrying case
- Compact, light and convenient enough to carry in a tool pouch
- Consists of all the small, hard to find Metric/SAE hex driver heads
- Interchangeable hex shanks are easily adjusted to any length the shank allows by simply loosening then tightening the Ergonomic handle nut to the desired length needed
- Rotating Ergonomic handle cap allows user to perform fine manipulation with palm and fingertip control, reducing hand fatigue
- Slip resistant handle manufactured from impact resistant TPR material



9 pc Miniature Ergonomic
Precision SAE Hex Driver Set



9 pc Miniature Ergonomic
Precision Metric Hex Driver Set

| Code # | Description |
|------------|---|
| 893-1-0100 | 9 pc Miniature Ergonomic Precision SAE Hex Driver Set w/custom Carrying Case Set Consists of: 3/32", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", Ergonomic handle with rotating cap and custom carrying case |
| 893-1-0110 | 9 pc Miniature Ergonomic Precision Metric Hex Driver Set w/custom Carrying Case Set Consists of: 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, Ergonomic handle with rotating cap and custom carrying case |

**Solution Series
HAND TOOLS**

ERGONOMIC DUAL DRIVER

An Ergonomic Dual-Position Ratcheting Magnetic 1/4" Bit Driver

- Ergonomic dual-position handle
- With the push of a button, the Ergonomic handle converts from a straight drive grip to a pistol grip to reduce hand fatigue
- The 30 degree pistol grip position greatly reduces operator fatigue
- The rotating collar creates a 3-position ratcheting driver: *forward, locked and reverse*
- A 5" knurled shaft allows for extra gripping power, and for finger speed tightening and extracting
- Super strong recessed magnetic tip
- Built-in push button release 6-bit storage inside the handle
- 45-tooth ratcheting gear provides for fine manipulation in confined spaces
- A perfect complement to the 204 pc Master Security Bit Kit



| Code # | Description |
|------------|------------------------|
| 811-1-0345 | Ratcheting Dual Driver |



Release button for storage compartment



Bit Drivers

Solution Series **HAND TOOLS**

1/4" RATCHET REVERSIBLE ERGONOMIC BIT DRIVER

- Works with all 1/4" hex bits
- The smallest, lowest profile head in the industry
- 52-tooth reversible gear head allows for fine manipulation and use in confined spaces
- Only requires 7 degrees of sweep for ratchet engagement
- *Heavy-duty mirror finish chrome-vanadium steel* handle and head provide strength and corrosion resistance
- Comfortable, soft, Ergonomic handle provides a sure grip and reduces hand fatigue
- Flush recessed reversible switch
- A perfect complement to the 204 pc Master Security Bit Kit

LIFETIME WARRANTY



52-tooth reversible gear head



7 degrees of sweep

Solution Series **HAND TOOLS**

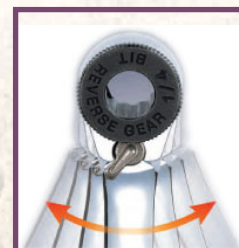
1/4" COMBINATION RATCHET REVERSIBLE/FIXED BIT DRIVER

- Works with all 1/4" hex bits
- The smallest, lowest profile head in the industry
- 52-tooth reversible gear head allows for fine manipulation and use in confined spaces
- Only requires 7 degrees of sweep for ratchet engagement
- *Heavy-duty mirror finish chrome-vanadium steel construction* provides strength and corrosion resistance
- Flush recessed reversible switch
- Fixed 1/4" head for adjustable applications when tightening then backing off are part of the process
- Fixed head when torquing and direct drive are required
- Fixed head allows for quick tightening or loosening of fasteners when ratcheting is not required
- Fixed head allows for torqued on fasteners to be loosened first, then flip over to the ratcheting head for rapid disassembly
- A perfect complement to the 204 pc Master Security Bit Kit

LIFETIME WARRANTY



52-tooth reversible gear head



7 degrees of sweep

| Code # | Description |
|------------|--|
| 893-1-0067 | 1/4" Ratchet Reversible Ergonomic Bit Driver |

| Code # | Description |
|------------|--|
| 893-1-0066 | 1/4" Combination Ratchet Reversible/Fixed Bit Driver |

Solution Series **HAND TOOLS**

HEX BIT HOLDERS

| Code # | Description |
|------------|--------------------------------------|
| 811-0-0879 | 1/4" X 60mm Magnetic Bit Holder |
| 811-0-0880 | 1/4" X 65mm Quick release Bit Holder |



204 PC MASTER SECURITY BIT DRIVER KIT

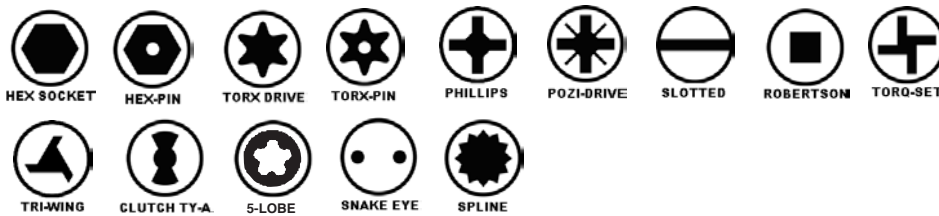
204 pc set includes:

- 139 pc - 25mm bits
 - 26 pc - 50mm bits
 - 13 pc - 75mm bits
 - 20 pc - nut drivers
 - 2 pc - bit adapters
 - Wing nut driver
 - 1/4" Quick Change X 1/4" Square Drive, Quick Change Socket Driver
 - 1/4" Quick Change X 3/8" Square Drive, Quick Change Socket Driver
- Driver bits are made of CR-V steel with each size clearly marked. Custom durable blow molded plastic carrying case with handle.



| Code # | Description |
|------------|---------------------------------------|
| 811-0-0900 | 204 pc Master Security Bit Driver Kit |

Screw Drives



215 PC DELUXE MASTER SECURITY BIT DRIVER KIT

Includes contents of 811-0-0900 plus:

- All-in-1 screwdriver handle and bit - 811-0-0341
- Ratcheting dual driver - 811-1-0345
- Mini bit ratcheting tool w/handle - 893-1-0067
- Mini combination ratcheting/fixed tool - 893-1-0066
- 4" magnetic bit extension - 893-1-0068
- 8" magnetic bit extension - 893-1-0069
- Jointed swivel driver - 811-0-0158
- #1 Cryocut double ended 4-flute Phillips countersink bit - 811-0-0155
- #2 Cryocut double ended 4-flute Phillips countersink bit - 811-0-0156
- #3 Cryocut double ended 4-flute Phillips countersink bit - 811-0-0157



| Code # | Description |
|------------|---|
| 811-0-0905 | Deluxe Master Security Bit Driver Kit |
| 811-0-0906 | Tools for Deluxe Bit Set (Bits and Case not Included) |

Hex Bits

HEX DRIVER BITS

- Made of CR-V steel
- Bit sizes are clearly marked

PHILLIPS

| Size | Length | Code # |
|------|--------|------------|
| 00 | 25mm | 811-0-0722 |
| 0 | 25mm | 811-0-0723 |
| 1 | 25mm | 811-0-0724 |
| 2 | 25mm | 811-0-0725 |
| 3 | 25mm | 811-0-0726 |
| 4 | 25mm | 811-0-0727 |
| 2 | 50mm | 811-0-0817 |
| 3 | 50mm | 811-0-0818 |
| 2 | 75mm | 811-0-0845 |
| 3 | 75mm | 811-0-0846 |



SLOTTED

| Size | Length | Code # |
|------|--------|------------|
| #2 | 25mm | 811-0-0710 |
| #2.5 | 25mm | 811-0-0711 |
| #3 | 25mm | 811-0-0712 |
| #3.5 | 25mm | 811-0-0713 |
| #4 | 25mm | 811-0-0714 |
| #4.5 | 25mm | 811-0-0715 |
| #5 | 25mm | 811-0-0716 |
| #5.5 | 25mm | 811-0-0717 |
| #6 | 25mm | 811-0-0718 |
| #6.5 | 25mm | 811-0-0719 |
| #7 | 25mm | 811-0-0720 |
| #8 | 25mm | 811-0-0721 |



ROBERTSON (SQUARE DRIVE)

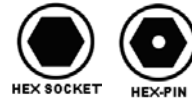
| Size | Length | Code # |
|------|--------|------------|
| 0 | 25mm | 811-0-0773 |
| 1 | 25mm | 811-0-0774 |
| 2 | 25mm | 811-0-0775 |
| 3 | 25mm | 811-0-0776 |



HEX DRIVER BITS (CONTINUED)

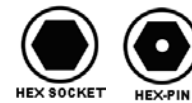
HEX DRIVE, FRACTIONAL

| Size | Length | Hex Socket Code # | Hex Pin Code # |
|-------|--------|-------------------|----------------|
| 1/16" | 25mm | 811-0-0746 | - |
| 5/64" | 25mm | 811-0-0747 | 811-0-0808 |
| 3/32" | 25mm | 811-0-0748 | 811-0-0809 |
| 7/64" | 25mm | 811-0-0749 | 811-0-0810 |
| 1/8" | 25mm | 811-0-0750 | 811-0-0811 |
| 9/64" | 25mm | 811-0-0751 | 811-0-0812 |
| 5/32" | 25mm | 811-0-0752 | 811-0-0813 |
| 3/16" | 25mm | 811-0-0753 | - |
| 7/32" | 25mm | 811-0-0754 | - |
| 1/4" | 25mm | - | - |



HEX DRIVE, METRIC

| Size | Length | Hex Socket Code # | Hex Pin Code # |
|-------|--------|-------------------|----------------|
| 1.5mm | 25mm | 811-0-0734 | - |
| 2mm | 25mm | 811-0-0735 | 811-0-0802 |
| 2.5mm | 25mm | 811-0-0736 | 811-0-0803 |
| 3mm | 25mm | 811-0-0737 | 811-0-0804 |
| 3.5mm | 25mm | 811-0-0738 | - |
| 4mm | 25mm | 811-0-0739 | 811-0-0805 |
| 4.5mm | 25mm | 811-0-0740 | - |
| 5mm | 25mm | 811-0-0741 | 811-0-0806 |
| 5.5mm | 25mm | 811-0-0742 | - |
| 6mm | 25mm | 811-0-0743 | 811-0-0807 |
| 7mm | 25mm | 811-0-0744 | - |
| 8mm | 25mm | 811-0-0745 | - |
| 3mm | 50mm | 811-0-0823 | - |
| 4mm | 50mm | 811-0-0824 | - |
| 5mm | 50mm | 811-0-0825 | - |
| 6mm | 50mm | 811-0-0826 | - |
| 3mm | 75mm | 811-0-0847 | - |
| 4mm | 75mm | 811-0-0848 | - |
| 5mm | 75mm | 811-0-0849 | - |
| 6mm | 75mm | 811-0-0850 | - |



Hex Bits

HEX DRIVER BITS (CONTINUED)

TORX® DRIVE

| Size | Length | Torx Drive Code # | Torx Pin Code # |
|------|--------|-------------------|-----------------|
|------|--------|-------------------|-----------------|



| | | | |
|-----|------|------------|------------|
| T5 | 25mm | 811-0-0756 | 811-0-0788 |
| T6 | 25mm | 811-0-0757 | 811-0-0789 |
| T7 | 25mm | 811-0-0758 | 811-0-0790 |
| T8 | 25mm | 811-0-0759 | 811-0-0791 |
| T9 | 25mm | 811-0-0760 | 811-0-0792 |
| T10 | 25mm | 811-0-0761 | 811-0-0793 |
| T15 | 25mm | 811-0-0762 | 811-0-0794 |
| T20 | 25mm | 811-0-0763 | 811-0-0795 |
| T25 | 25mm | 811-0-0764 | 811-0-0796 |
| T27 | 25mm | 811-0-0765 | 811-0-0797 |
| T30 | 25mm | 811-0-0766 | 811-0-0798 |
| T35 | 25mm | - | 811-0-0799 |
| T40 | 25mm | 811-0-0768 | 811-0-0800 |
| T45 | 25mm | 811-0-0769 | 811-0-0801 |
| T10 | 50mm | 811-0-0838 | - |
| T15 | 50mm | 811-0-0839 | - |
| T20 | 50mm | 811-0-0840 | - |
| T25 | 50mm | 811-0-0841 | - |
| T27 | 50mm | 811-0-0842 | - |
| T30 | 50mm | 811-0-0843 | - |
| T40 | 50mm | 811-0-0844 | - |
| T10 | 75mm | - | 811-0-0851 |
| T15 | 75mm | - | 811-0-0852 |
| T20 | 75mm | - | 811-0-0853 |
| T25 | 75mm | - | 811-0-0854 |
| T27 | 75mm | - | 811-0-0855 |
| T30 | 75mm | - | 811-0-0856 |
| T40 | 75mm | - | 811-0-0857 |



POZI-DRIVE

| Size | Length | Code # |
|------|--------|--------|
|------|--------|--------|



| | | |
|----|------|------------|
| 00 | 25mm | 811-0-0728 |
| 0 | 25mm | 811-0-0729 |
| 1 | 25mm | 811-0-0730 |
| 2 | 25mm | 811-0-0731 |
| 3 | 25mm | 811-0-0732 |
| 4 | 25mm | 811-0-0733 |
| 2 | 50mm | 811-0-0821 |
| 3 | 50mm | 811-0-0822 |



TORQ-SET

| Size | Length | Code # |
|------|--------|--------|
|------|--------|--------|



| | | |
|----|------|------------|
| 6 | 25mm | 811-0-0777 |
| 8 | 25mm | 811-0-0778 |
| 10 | 25mm | 811-0-0779 |
| 6 | 50mm | 811-0-0831 |
| 8 | 50mm | 811-0-0832 |
| 10 | 50mm | 811-0-0833 |



HEX DRIVER BITS (CONTINUED)

SPANNER (SNAKE EYE)

| Size | Length | Code # |
|------|--------|------------|
| 4 | 25mm | 811-0-0780 |
| 6 | 25mm | 811-0-0781 |
| 8 | 25mm | 811-0-0782 |
| 10 | 25mm | 811-0-0783 |
| 4 | 50mm | 811-0-0834 |
| 6 | 50mm | 811-0-0835 |
| 8 | 50mm | 811-0-0836 |
| 10 | 50mm | 811-0-0837 |



SNAKE EYE



TRI-WING

| Size | Length | Code # |
|------|--------|------------|
| 1 | 25mm | 811-0-0784 |
| 2 | 25mm | 811-0-0785 |
| 3 | 25mm | 811-0-0786 |
| 4 | 25mm | 811-0-0787 |
| 1 | 50mm | 811-0-0827 |
| 2 | 50mm | 811-0-0828 |
| 3 | 50mm | 811-0-0829 |
| 4 | 50mm | 811-0-0830 |



TRI-WING



CLUTCH TYPE-A

| Size | Length | Code # |
|------|--------|------------|
| 1 | 25mm | 811-0-0814 |
| 2 | 25mm | 811-0-0815 |
| 3 | 25mm | 811-0-0816 |



CLUTCH TY-A



5-LOBE

| Size | Length | Code # |
|------|--------|------------|
| 10 | 25mm | 811-0-0701 |
| 15 | 25mm | 811-0-0702 |
| 20 | 25mm | 811-0-0703 |
| 25 | 25mm | 811-0-0704 |
| 27 | 25mm | 811-0-0705 |
| 30 | 25mm | 811-0-0706 |
| 40 | 25mm | 811-0-0707 |
| 45 | 25mm | 811-0-0708 |
| 50 | 25mm | 811-0-0709 |



5-LOBE



Hex Bits

HEX DRIVER BITS (CONTINUED)

HOOK DRIVER BIT (WING NUT REMOVAL)

| Width | Height | Code # |
|-------|--------|--------|
|-------|--------|--------|

| | | |
|------|------|------------|
| 22mm | 25mm | 811-0-0881 |
|------|------|------------|



NUT DRIVER, FRACTIONAL

| Size | Code # |
|------|--------|
|------|--------|

| | |
|--------|------------|
| 5/32" | 811-0-0868 |
| 3/16" | 811-0-0869 |
| 7/32" | 811-0-0870 |
| 1/4" | 811-0-0871 |
| 9/32" | 811-0-0872 |
| 11/32" | 811-0-0873 |
| 5/16" | 811-0-0874 |
| 3/8" | 811-0-0875 |
| 7/16" | 811-0-0876 |
| 1/2" | 811-0-0877 |



NUT DRIVER, METRIC

| Size | Code # |
|------|--------|
|------|--------|

| | |
|-------|------------|
| 4 mm | 811-0-0858 |
| 5 mm | 811-0-0859 |
| 6 mm | 811-0-0860 |
| 7 mm | 811-0-0861 |
| 8 mm | 811-0-0862 |
| 9 mm | 811-0-0863 |
| 10 mm | 811-0-0864 |
| 11 mm | 811-0-0865 |
| 12 mm | 811-0-0866 |
| 13 mm | 811-0-0867 |



Cryocut Bits

CRYOCUT™ DOUBLE ENDED 4-FLUTE PHILLIPS/COUNTERSINK BITS

- Finally countersinking is a one step process, no need to change out from countersink to driver bit
- It's two tools in one, a countersink and Phillips driver bit
- Cryophase™ treated to promote increased wear resistance, highest torsional strength and maximum fracture resistance
- Countersinks in all types of wood, fiberglass, phenolics and plastic
- When countersinking into any thickness of metal, pre-drilling a pilot hole is required



NOTE: To prevent excessive stripping of screw head, always use lowest possible speed when using electric or battery operated drill or driver.

| Code # | Description | Overall Length | Countersink Screw Size Recommendation* |
|------------|-------------------------------------|----------------|--|
| 811-0-0155 | #1 Cryocut Phillips/Countersink Bit | 2-9/16" | #4 |
| 811-0-0156 | #2 Cryocut Phillips/Countersink Bit | 2-9/16" | #6, #8, #10 |
| 811-0-0157 | #3 Cryocut Phillips/Countersink Bit | 2-9/16" | #12, #14 |

Also available as a 4 pc kit:
811-0-0160 4 pc set Cryocut™ Phillips/Countersink and Quick Change Driver Kit



A flush finish and truly professional appearance is achieved!

* 82° Head Profile

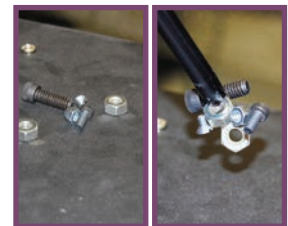
GP7 TOOL KIT

7 pc General Purpose/Non-Conductive Fastener, Nut Starter Maintenance Tool Kit

- It's two tools in one. Use each individual tool as a fastener, nut starter, magnet or scribe. Use when a non-conductive path for the user is required
- Its solid nylon body allows for flexibility in hard to reach and confined applications
- Compact and light enough to fit in a tool pouch and tool box
- Versatile enough to be used by general maintenance personnel, electricians, instrument and control technicians, machinists, equipment mechanics, auto-truck and diesel mechanics, welders, hobbyists and more
- Each tool is individually tested to ensure protection to 1000 volt AC or 1500 volt DC
- Meets IEC 60900 standards and ASTM F 1505-01 standards
- Made in the USA

Warning:

- **Never work on live or energized circuits or equipment.**
- Insulated tools are not intended for use on live or energized circuits.
- Always disconnect and de-energize all equipment and circuits.
- Visually Inspect 1000 volt tools regularly before use.



Magnet



Scribe

Code

Description

893-1-0233 GP7 Tool Kit
7 pc General Purpose/Non-Conductive Fastener, Nut Starter Maintenance Tool Kit

Kit Includes:

893-1-0234 Non-conductive magnet
893-1-0235 Non-conductive scribe
893-1-0236 Non-conductive slotted fastener holder
893-1-0237 Non-conductive square drive/Robertson, socket head and torx universal fastener holder
893-1-0238 Non-conductive nut starter
893-1-0239 Non-conductive Phillips fastener holder



Universal

(Square Drive/Robertson, Socket Head and Torx)



Slotted



Nut starter

Phillips

Solution Series
HAND TOOLS

**8 PC ERGONOMIC COMFORT
GRIP FOLD-UP STAR-BALL
HEX KEY SET**

The Partsmaster Solution for hard to reach ,out of position torx fastener assembly and disassembling applications on Automobiles, Equipment, Electronics, Furniture, Power Equipment, Safety and Anti-Theft applications, ATV's, Appliances, Toys, Sporting Equipment, Farm and Lawn Equipment and more.

- Ergonomic Comfort Grip TPR Handle provides strength, comfort and a custom raised rib "Anti-Slip Super Grip" torquing feature to reduce hand injuries
- Star-Ball end allows for a 20 degree angle of offset torque and ease of entrance to fasteners in offset,confined and hard to reach areas
- Star-Ball Hex Keys are made of a heavy-duty SNCM-V Steel that is hardened, machined and heat-treated to 59-60 Rockwell-C with a shiny anti-corrosion black-oxide finish
- 8 sizes T9 thru T40 (T9, T10, T15, T20, T25, T27, T30, T40)



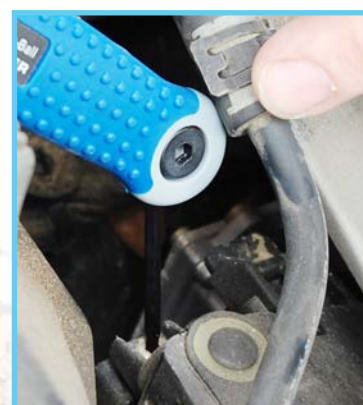
| Code # | Description |
|------------|-------------------------------|
| 893-1-0249 | Star-Ball Fold-Up Hex Key Set |



Precise Star-Ball ends are machined for an exact fit



Anti-Slip Super Grip



Simply using Partsmaster's Star-Ball Hex Keys, turns difficult tasks into simple solutions

Solution Series HAND TOOLS

AUTOBAHN ERGONOMIC AUTO-ADJUST PLIER SYSTEM

LIFETIME WARRANTY

Faster, easier, safer!

- Automatically adjusts to any size with just one hand
- Available in 3 sizes: 7", 10", 12" w/pouch
- State-of-the-art innovation in a water pump plier design
- Faster, easier and safer to operate than any other pliers on the market
- Aggressive jaw gripping feature significantly reduces burring on material surface
- Heavy-duty CrV (chrome-vanadium) steel construction
- Heavy-duty 56HRC hardened jaw teeth
- Ergonomic grip handles and built in absorbing spring provide increased comfort and help reduce hand fatigue
- Self locking jaw design grips tighter than conventional pliers
- Meets and exceeds DIN specifications and ISO standards



Aggressive jaw gripping feature significantly reduces burring on material surface



SET

| Code # | Description |
|------------|---|
| 893-1-0300 | 7" - 12" Autobahn Ergonomic-Auto Adjust Plier Set w/pouch |

| Code # | Size | Jaw Width | Jaw Depth | Jaw Opening | Maximum Pipe Range Capacity | Maximum Hex Nut Capacity | Adjustable Positions |
|------------|------|-----------|-----------|-------------|-----------------------------|--------------------------|----------------------|
| 893-1-0301 | 7" | 5/16" | 1-3/16" | 1-3/8" | 1/8" - 1/2" | 1-3/16" | 11 |
| 893-1-0302 | 10" | 5/16" | 1-3/8" | 2" | 1/4" - 1" | 1-9/16" | 12 |
| 893-1-0303 | 12" | 3/8" | 1-5/8" | 2-3/16" | 1/2" - 1-1/2" | 2" | 14 |

SUPER CROSS PLIERS

Today's machinery designs are compact and more efficient, making access for making repairs difficult to achieve without the right tools. Super Cross Pliers utilize dual-pivoting points to deliver an extra-long reach and a powerful grip. Super Cross Pliers provide extended access and a strong grip for working screws, washers, nuts, hoses, tubes, clamps, low voltage electrical terminal connections, and more. Compare Super Cross dual pivot pliers to ordinary single pivot extra-long pliers – Super Cross Pliers own the advantage.

- Dual-pivoting points minimizes handle opening and maximizes jaw opening while maintaining a slender profile
- Pistol grip stabilizes tool control for a steady approach when reaching and gripping obscure points of engagement
- Straight handles facilitate fastener (rotational) removal in hard-to-reach locations
- Forged, quenched & tempered chrome-vanadium tool steel for optimum toughness and strength
- Finished with a fine and uniform satin finish
- Non-slip rubber sleeved handles provide a slip-resistant grip
- Ergonomic design: reduces repetitive motions, awkward positions and use of excessive force

Needle Nose (Straight Nose and 45° Bent Nose) - Electrical terminals; hose & tube pinching; aligning sheet metal screw holes; retrieval of dropped components in confined spaces

Bull (Flat) Nose Pliers - Electrical terminals; hose & tube pinching; aligning sheet metal screw holes

Ring-Nose Styles - Spark plug wire boots, hose clamps, hose tube barbed connections

Wire Cutting Pliers - Cuts automotive (low volt) wire, hose / tube, and 3/32" soft street wire

Super Cross Pliers



Single Pivot Extra-Long Pliers



Tube is 1" I.D. X 7" long



SUPER CROSS PLIERS & SIDE CUTTER

| Code # | Pliers Style | Handle Style, Overall Length |
|------------|--------------------------------------|------------------------------|
| 893-1-0320 | Needle Nose Pliers, Straight Reach | Straight Handle, 13-1/4" |
| 893-1-0321 | Bull Nose Pliers, Straight Reach | Straight Handle, 13-1/4" |
| 893-1-0322 | Needle Nose Pliers, 45° Reach | Straight Handle, 13" |
| 893-1-0323 | Needle Nose Pliers, Straight Reach | Pistol Grip Handle, 13" |
| 893-1-0324 | Bull Nose Pliers, Straight Reach | Pistol Grip Handle, 13" |
| 893-1-0325 | Needle Nose Pliers, 45° Reach | Pistol Grip Handle, 13" |
| 893-1-0326 | Ring Nose Pliers, Small Ring, 5/16" | Straight Handle, 12" |
| 893-1-0327 | Ring Nose Pliers, Medium Ring, 9/16" | Straight Handle, 13" |
| 893-1-0328 | Ring Nose Pliers, Large Ring, 3/4" | Straight Handle, 12-3/4" |
| 893-1-0329 | Wire Cutting Pliers, Side Cutting | Straight Handle, 11-3/8" |

SUPER CROSS PLIERS & SIDE CUTTERS SETS

| | |
|------------|---|
| 893-1-0330 | Straight Handle - Straight & Bent Needle Nose & Bull Nose, 3pc |
| 893-1-0331 | Straight Handle - Straight & Bent Needle Nose, Bull Nose & Wire Cutters, 4pc |
| 893-1-0332 | Pistol Grip Handle - Straight & Bent Needle Nose & Bull Nose, 3pc |
| 893-1-0333 | Pistol Grip Handle - Straight & Bent Needle Nose, Bull Nose – Straight Handle Wire Cutters, 4pc |
| 893-1-0334 | Straight Handle - Ring Nose Pliers (Large, Medium & Small Ring), 3pc Set |
| 893-1-0335 | Straight Handle - Ring Nose Pliers & Wire Cutters, 4pc Set |
| 893-1-0336 | Super Cross Pliers Assortment, 10pc Set |



TIGER TOOTH LOCKING PLIERS

- Features a high quality chrome-moly steel body and heat treated chrome vanadium jaws for long-lasting performance and a hammered bright chrome plated finish for corrosion resistance
- State of the art high quality locking mechanism keeps locking bar in place even if pliers are dropped
- Curved jaw pliers allow four points of contact that surround bolt head, nut or pipe fitting, providing additional grip strength, and are great for use with rounded fasteners, pipe and fittings, and includes a built in wire cutting feature
- Straight jaw pliers provide optimal contact with work piece and securely hold flat, hex and square shaped pieces
- Knurled adjustment knob allows simple size and clamping pressure changes

CURVED JAW

| Code # | Length | Jaw Capacity |
|------------|--------|--------------|
| 898-4-0105 | 5" | 1-1/4" |
| 898-4-0107 | 7" | 1-5/8" |
| 898-4-0110 | 10" | 1-7/8" |

ASSORTMENT

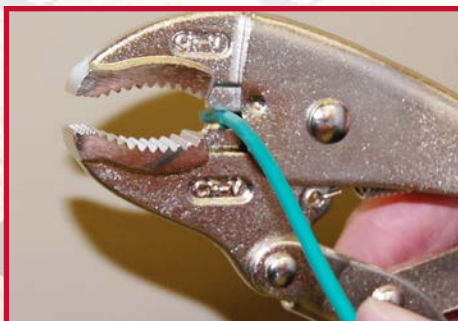
| Code # | Description | Sizes |
|------------|-------------|-------------|
| 898-4-0100 | 3 pc Set | 5", 7", 10" |

STRAIGHT JAW

| Code # | Length | Jaw Capacity |
|------------|--------|--------------|
| 898-4-0207 | 7" | 1-3/8" |
| 898-4-0210 | 10" | 1-5/8" |

ASSORTMENT

| Code # | Description | Sizes |
|------------|-------------|---------|
| 898-4-0200 | 2 pc Set | 7", 10" |



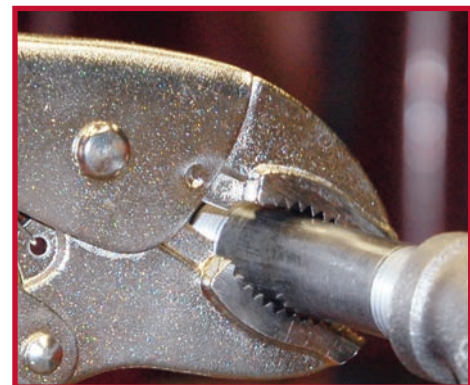
Curved jaw features built in wire cutter



Curved Jaw



Straight Jaw



Curved shape jaw provides additional gripping power by surrounding fastener or pipe fitting



Straight jaw provides optimal contact to hold flat, hex and square work pieces

Locking Pliers

Solution Series
HAND TOOLS

BARRACUDA LOCKING PLIERS

- Long nose design provides better access and grip in hard to reach applications and areas that fingers and other tools can't get to
- Features a high quality chrome-moly tool steel body and heat treated chrome-vanadium jaws for long-lasting performance and a hammered chrome plated finish for corrosion resistance
- State-of-the-art high quality locking mechanism keeps locking bar in place even if pliers are dropped
- Knurled adjustment knob allows simple size and clamping pressure change
- Great for precision work



| Code # | Length | Max Jaw Capacity |
|--------|--------|------------------|
|--------|--------|------------------|

| | | |
|------------|----|--------|
| 898-4-0306 | 6" | 1-7/8" |
| 898-4-0309 | 9" | 2-1/2" |

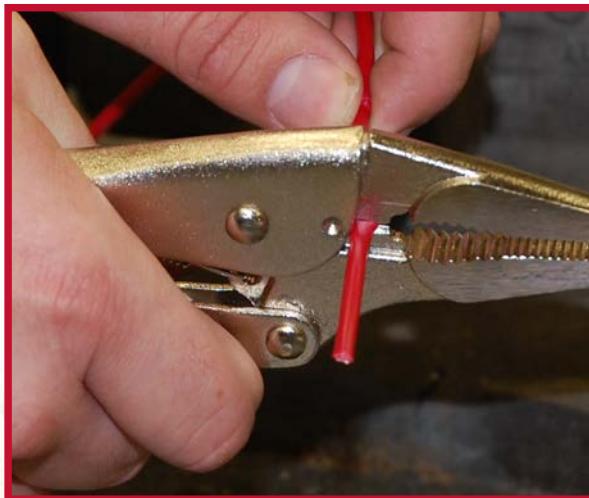
Assortment

| Code # | Description | Sizes |
|--------|-------------|-------|
|--------|-------------|-------|

| | | |
|------------|----------|--------|
| 898-4-0300 | 2pc. set | 6", 9" |
|------------|----------|--------|



Long nose design provides access to areas fingers can't reach



Built in wire cutter

Solution Series HAND TOOLS

BEAK PLIERS

- Excellent for removing rounded hex shape fasteners, wallowed socket head cap screws, and for installation and removal of pipe nipples with little or no egg shaping
- Features a high quality chrome-moly steel body and heat treated chrome-vanadium jaws for long-lasting performance and a hammered bright chrome plated finish for corrosion resistance
- State-of-the-art high quality locking mechanism keeps locking bar in place even if pliers are dropped
- Knurled adjustment knob allows simple size and clamping pressure change
- The Tiger Tooth version has a saw tooth jaw that provides additional clamping and grip
- The Smooth Jaw version allows clamping of sensitive surfaces where marring is not desired
- Excellent choice for clamping angle iron



Smooth Jaw



Tiger Tooth

Smooth Jaw Beak Pliers

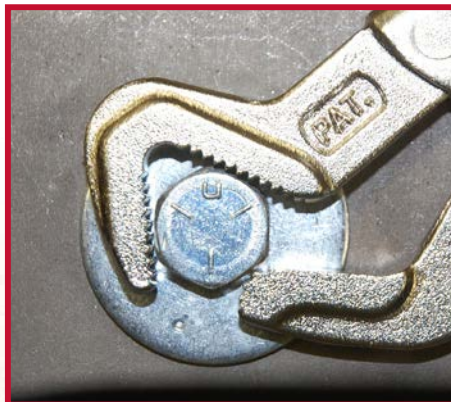
| Code # | Length | Jaw Capacity |
|------------|--------|--------------|
| 898-4-0402 | 8" | 2 |

Tiger Tooth Beak Pliers

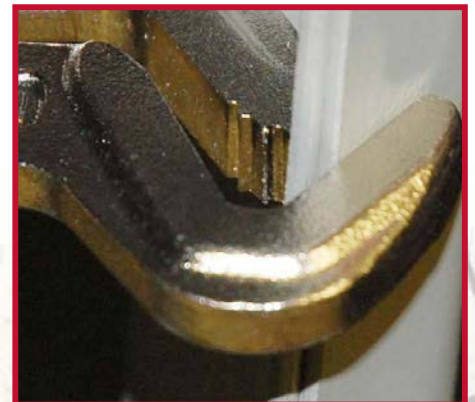
| Code # | Length | Jaw Capacity |
|------------|--------|--------------|
| 898-4-0404 | 8" | 2 |



The Smooth Jaw version allows clamping of sensitive surfaces where marring is not desired



The Tiger Tooth version features a saw tooth jaw that provides additional clamping strength on all 3 sides for removing rounded hex fasteners, wallowed socket head cap screws, pipe nipples, rounded hex plugs, and more



Angle iron clamping made quick and easy with the Beak Pliers

Inspection Mirrors

Solution Series
HAND TOOLS

GP6 GENERAL PURPOSE INSPECTION AND RETRIEVER KIT

- Inspect and retrieve with the same mobile kit, no more searching for magnets and mirrors
- Safely, easily and conveniently fits in a tool pouch and/or tool box
- Kit provides all you need to retrieve and inspect, stored in a protective pouch
- Clear resolution mirrors
- Excellent selection of tools for confined space retrieval and inspection applications
- Compact telescoping magnet lifts up to 1-1/2 lbs

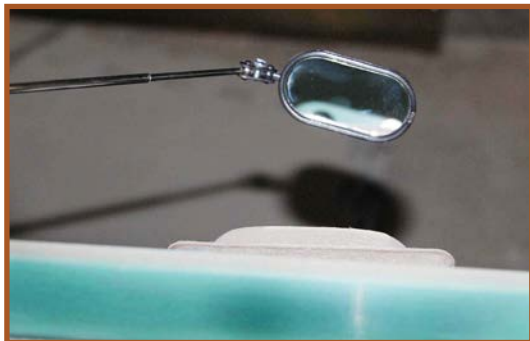


| Code # | Description |
|--------|-------------|
|--------|-------------|

| | |
|-------------------------------|--|
| 893-1-0240 6 pc kit | GP-6 General Purpose Inspection Mirror Set |
|-------------------------------|--|

Kit Includes:

| | | |
|------------|--------------------------------|--------------------------------------|
| 893-1-0241 | Inspection Mirror 2-1/4" Round | 7" to 14" Extension |
| 893-1-0242 | Inspection Mirror 1-1/4" Round | 7" Fixed, Swivel Head, Nonconductive |
| 893-1-0243 | Inspection Mirror 1-1/4" Round | 6-1/4" to 24" Extension |
| 893-1-0244 | Inspection Mirror 1 X 2" Oval | 7" to 25" Extension |
| 893-1-0245 | Lift Magnet 1-1/2 lb | 5-1/2" to 22-1/2" Extension |



Mirror is designed to be used in confined spaces



Use retriever to lift items up to 1-1/2 lbs

**Solution Series
HAND TOOLS**

**ERGONOMIC COMFORT GRIP CLAW
FINGER FLEXIBLE PICK UP TOOL**

- 4-finger claw design for retrieving dropped parts, fasteners, nonmagnetic items and tools
- Claws can open up to 1" wide
- 24" flexible body holds shape to reach around various spaces
- Ergonomic comfort grip TPR handle with rounded knob provides increased comfort and reduced hand fatigue

LIFETIME WARRANTY



| Code # | Description |
|------------|--|
| 893-1-0030 | Ergonomic Comfort Grip Claw Finger Flexible Pick Up Tool |

**Solution Series
HAND TOOLS**

**ERGONOMIC COMFORT GRIP
MAGNETIC FLEXIBLE PICK UP
TOOL**

- Powerful 3 lbs magnetic pick up tool with shielded sides for targeted pick-up
- Only sticks when you want it to (upon deployment of the magnet)
- Ideal for retrieving dropped parts, fasteners, and tools
- 24" flexible body holds shape to reach around various spaces
- Ergonomic comfort grip TPR handle with rounded knob provides increased comfort and reduced hand fatigue

LIFETIME WARRANTY



| Code # | Description |
|------------|---|
| 893-1-0031 | Ergonomic Comfort Grip Magnetic Flexible Pick Up Tool |

Solution Series **HAND TOOLS**

BOTTLENOSE VOLT DETECT

Multi-function audio/visual, non-contact pocket sized voltage tester

- Indicates voltage from 100-600 VAC
- UL listed
- Dual indicators of voltage, audio and visual with built-in LED light and beeper
- Signals hot wire with respect to ground
- Three voltage detection levels and a power-off mode:
 - Low Level – Red light glows once along with one beep
 - Medium Level – Green light glows twice along with two beeps
 - High Level – Yellow light glows three times along with three beeps
 - Power-off Mode – Push button, one beep, no light (if the user does not turn the Bottlenose volt detect off, the unit will automatically shut off after 10 minutes of non-use)
- Has a safety rating of CAT III 600V
- Pocket-size with pocket clip provides the user with the perfect mobile voltage tester
- Locates breaks in circuits and cables
- Easy to use! Just run the flat tip along a plugged in power cord, supply cord, power strip, wall switch or receptacle. When the Bottlenose Volt Detect glows and beeps, you are assured that voltage is present. General maintenance personnel, electricians, bio-med technicians, instrument and control technicians, service technicians, safety departments, welders and homeowners can easily and safely check for voltage.



Designed to fit perfectly in the open slot available in our Partsmaster 14-piece 1000-volt Interchangeable Ergonomic Comfort Grip QuickDisconnect Screwdriver and Torx Set



Wall switch

Wave the Bottlenose on the outside of the cover, observing audio and visual indicators of voltage



Wall receptacle

Wave the Bottlenose on the outside of the cover/or insert the flat bottlenose tip into the receptacle, observing audio and visual indicators of voltage



Cords and Cables

Run the Bottlenose along the plugged in power source, observing audio and visual indicators of voltage

Code #

893-2-0035

Description

Bottlenose Volt Detect Electric Circuit Tester

Wire Strippers

Solution Series
HAND TOOLS

COMFORT GRIP ERGONOMIC SAFETY STRIP-CUT PLIER

LIFETIME WARRANTY

The only wire stripper and cable tie cutter combination plier on the market

- Razor sharp, precision ground stripping stations consistently and accurately strip insulation without nicking the smallest conductors
- Safety guards slide behind cable ties, straps and lacing on bundles without fear of any invasion into the outer bundle sheathing
- Custom Ergonomic cushion comfort grip handles are designed to fit your hand, maximize natural hand contraction motion, and are assisted with an auto return spring
- Simple and easy to operate thumb slide locking/unlocking lever
- Excellent for all cable tie strap widths
- Heat-treated alloy steel jaws and handles are a Rockwell 53-58Rc
- Heat-treated alloy steel and scissor action cutter provides long life and clean cuts when cutting plastic, copper and aluminum wire
- Precisely strips 12ga.-22ga. stranded and 10ga.-20ga. solid copper and aluminum wire
- Designed for electricians, instrument and control technicians, maintenance and repair technicians, assembly personnel, shipping and receiving personnel, installers, home owners and much more



Code

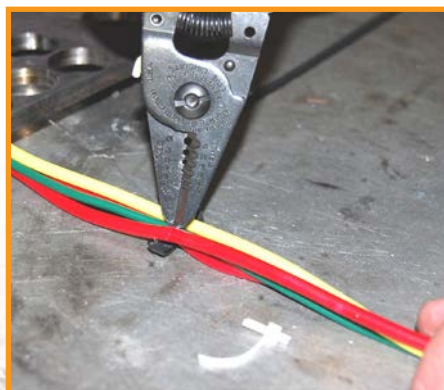
Description

893-1-0248

Ergonomic Safety Strip-Cut Plier



*Cuts cable tie without damaging
outer shield*



*Cuts cable ties from bundled wires
without damaging insulation*



*Strips stranded and solid copper
and aluminum wire*

**Solution Series
HAND TOOLS**

INDEX-TEND PRY BAR SYSTEM

LIFETIME WARRANTY

Partsmaster's solution in the preventative maintenance industry for a multi-positioning/multi-extending highly functional problem solving pry bar

- Heavy-duty chrome-vanadium steel construction
- High gloss lacquer finished S10C steel tube for corrosion resistance
- Handle extends and retracts for greater leverage and easier storage
- Foot indexes for varied degrees of access and storage
- Meets ASME B107.60-2004
- Meets and exceeds ANSI requirements
- Handle extends in 1/2" increments
- Foot indexes 240 degrees in 20 degree increments



| Code # | Description | Close/ Extended Length | Incremental Extensions | Total Positions Foot Indexes | Total Positions Handle Extends |
|--------|-------------|---------------------------|---------------------------|---------------------------------|-----------------------------------|
|--------|-------------|---------------------------|---------------------------|---------------------------------|-----------------------------------|

| | | | | | |
|------------|--------------------------|--------------------|------|----|----|
| 893-2-0015 | Small Index-Tend Pry Bar | 13-3/8" to 18-1/2" | 1/2" | 12 | 13 |
| 893-2-0016 | Large Index-Tend Pry Bar | 24-5/8" to 37" | 1/2" | 12 | 27 |



Lifts a heavy cabinet



With the push of a button, the handle converts this...



Easily stores in tool boxes

Pry Bars

Solution Series
HAND TOOLS

ALIGNING CROW-PRY BAR

LIFETIME WARRANTY

Partsmaster's solution in the preventative maintenance industry for a multi-extending, highly functional, problem-solving, aligning crow and pry bar

- Heavy-duty chrome-vanadium steel construction
- High gloss laquer finished S10C steel tube for corrosion resistance
- Handle extends and retracts for greater leverage and easier storage
- Meets and exceeds ANSI requirements
- Handle extends in 1/2" increments



| Code # | Description | Close/ Extended Length | Incremental Extensions | Total Positions Handle Extends |
|--------|-------------|---------------------------|---------------------------|-----------------------------------|
|--------|-------------|---------------------------|---------------------------|-----------------------------------|

| | | | | |
|------------|-----------------------|------------|------|----|
| 893-2-0017 | Aligning Crow-Pry Bar | 22" to 32" | 1/2" | 20 |
|------------|-----------------------|------------|------|----|

Extends from this



to this...



Easily stores in tool boxes



Hole Alignment



Pry Bar

**Solution Series
HAND TOOLS**

**COMFORT GRIP ERGONOMIC MINI
PRY BAR/WRECKING BAR SET**

Pry Bar

- Small and compact but designed for high leverage, especially in confined spaces
- Comfort grip Ergonomic handle with anti-fatigue thumb traction grooves
- *Heavy-duty chrome-vanadium steel construction*
- Go-through shafts with barbs in handle prevent handle/shank slippage

Wrecking Bar

- Ideal for pulling nails/tacks and scraping, especially in confined spaces
- Nail slots at both ends allow for easy access and leverage
- Solid stainless steel construction
- Corrosion resistant



| Code # | Description |
|------------|---|
| 893-2-0010 | 2 pc Comfort Grip Ergonomic Mini Pry Bar Wrecking Bar Set |
| 893-2-0013 | 5 pc Combination Scraper/ Comfort Grip Ergonomic Pry Bar/Wrecking Bar Set |

**Solution Series
HAND TOOLS**

**MULTI-PURPOSE SCRAPER/PRY
BAR SET**

- Ideal for pulling, prying, scraping and nail/tack removal
- Extremely sharp scraper edges allow for easy removal of the most problematic materials
- Solid stainless steel construction
- Set includes 5-1/2", 7-1/4" and 9-1/4"



| Code # | Description |
|------------|--|
| 893-2-0004 | 3 pc Multi Purpose Scraper/Pry Bar Set |

INDIVIDUAL SCRAPER/PRY BARS

| Code # | Size |
|------------|--------|
| 893-2-0005 | 5-1/2" |
| 893-2-0007 | 7-1/2" |
| 893-2-0009 | 9-1/4" |

Solution Series HAND TOOLS

LOCK AND LOAD PUNCH AND CHISEL SET

- Quick change Ergonomic comfort grip handle reduces hand fatigue, and increases safety and operator comfort
- Punches and chisels are made from precision ground heavy-duty chrome-vanadium tool steel that provides high performance and impact resistance
- Ergonomic handle is made with a high quality AISI 4140 steel core for added durability
- Lock and load feature on handle securely holds punches and chisels in place and allows fast, efficient style change outs
- Set contains several styles of punches and chisels for a wide variety of maintenance applications
- Custom blow mold case allows for organization, quick and easy inventory control, and the perfect mobile punch and chisel set



814-1-0050



814-1-0070

| Code # | Description |
|--------|-------------|
|--------|-------------|

| | |
|------------|--|
| 814-1-0050 | 14 pc Lock and Load Small Punch and Chisel Set |
|------------|--|

Set includes:

Custom Blow Mold Case

Flat Chisel: 3/8" (814-1-0051), 1/2" (814-1-0052), 5/8" (814-1-0053)

Taper Punch: 1/16" (814-1-0055), 1/8" (814-1-0056), 5/32" (814-1-0057)

Pin Punch: 1/8" (814-1-0058), 5/32" (814-1-0059), 3/16" (814-1-0060)

Cape Chisel: 5/32" (814-1-0054)

Center Punch: 0" (814-1-0061), 1/8" (814-1-0062)

Ergonomic Comfort Grip Handle (814-1-0063)

| | |
|------------|---|
| 814-1-0070 | 14 pc Lock and Load Medium Punch and Chisel Set |
|------------|---|

Set includes:

Custom Blow Mold Case

Flat Chisel: 1/2" (814-1-0071), 5/8" (814-1-0072), 3/4" (814-1-0073), 7/8" (814-1-0074), 1" (814-1-0075)

Taper Punch: 1/8" (814-1-0077), 1/4" (814-1-0078)

Pin Punch: 1/4" (814-1-0080), 3/16" (814-1-0079)

Cape Chisel: 1/4" (814-1-0076)

Center Punch: 1/8" (814-1-0081), 3/16" (814-1-0082)

Ergonomic Comfort Grip Handle (814-1-0083)



Lock and load feature on handle securely holds punches and chisels in place and allows fast, efficient style change outs



Punches and chisels are made from precision ground heavy-duty chrome-vanadium steel

Hammer Set

Solution Series
HAND TOOLS

LOCK AND LOAD INTERCHANGEABLE HAMMER SET

- 10 hammers in one convenient set
- Quick-change Ergonomic comfort grip handle features a slip resistant grip with an easy to use push button double locking head
- Hammer heads are made from heat-treated chrome-vanadium AISI 6150 tool steel
- Handle is made from high quality 42 Rc tool steel with a solid metal core
- Custom blow molded case provides organization and ease of mobility



Lock and load feature on handle securely holds hammer heads in place and allows fast, efficient style change outs

| Code # | Description |
|--------|-------------|
|--------|-------------|

| | |
|----------------------|--------------------------------|
| 814-2-0015 | 12 pc Lock and Load Hammer Set |
| <i>Set includes:</i> | |
| 814-2-0025 | Hammer Handle |
| 814-2-0016 | Mini Anvil |
| 814-2-0017 | Round Circle Head |
| 814-2-0018 | Large Peen Head |
| 814-2-0019 | Small Peen Head |
| 814-2-0020 | Angled Half Curve Head |
| 814-2-0021 | Half Curve Head |
| 814-2-0022 | Half Round Square Face Head |
| 814-2-0023 | Small Pointed Chisel Head |
| 814-2-0024 | Large Pointed Chisel Head |
| 814-2-0026 | Pointed Pin Head |



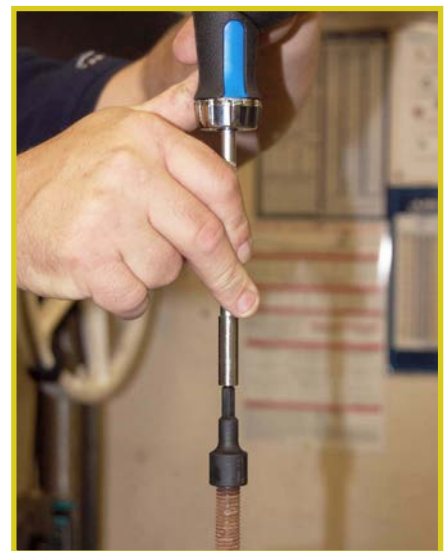
Set contains a variety of head styles for a variety of maintenance, auto repair, sheet metal, and fabrication applications

Gorilla Extractors

Solution Series **HAND TOOLS**

8PC. IMPACT GRADE GORILLA GRIP EXTRACTOR SET, 1/4" HEX DRIVE

- Difficult extractions made easily with impact grade 1/4" quick-change extractors
- Super strong chrome-moly tool steel assures extraction of even the hardest materials
- Easily extracts rusted, corroded, and stripped out rounded off hex head machine screws, hex drill screws, cap screws, socket head capscrews, pan head machine and hex tapping screws, studs, nuts, round head machine screws, fillister head machine screws, tamper resistant screws, exposed stripped set screws, threaded rod and other fasteners within the 15/64" / 6mm to 9/16" / 14mm outside diameter parameters
- Can be used with 1/4" dual driver, 18-volt electric drill / screwdriver, air pneumatic drivers, 1/4" ratchet reversible driver and wrench to ratchet adapters (1/4" X 3/8" and 1/4" X 10mm hex bit adapter)



| Code # | Description | | | |
|------------------|---|----------------------|---------------|--|
| 893-2-0100 | 8pc. Impact Grade Gorilla Extractor Set | | | |
| Size | Material | HRC | Length | |
| 15/64" / 6mm | Cr-Mo 4140 | 50+ | 2-1/2" | |
| 5/16" / 8mm | Cr-Mo 4140 | 50+ | 2-1/2" | |
| 3/8" / 10mm | Cr-Mo 4140 | 50+ | 2-1/2" | |
| 7/16" / 11mm | Cr-Mo 4140 | 50+ | 2-1/2" | |
| 15/32" / 12mm | Cr-Mo 4140 | 50+ | 2-1/2" | |
| 1/2" / 13mm | Cr-Mo 4140 | 50+ | 2-1/2" | |
| 9/16" / 14mm | Cr-Mo 4140 | 50+ | 2-1/2" | |
| Blow Molded Case | Plastic | 8" X 4-1/4" X 1-1/4" | | |



Use with Solution Series Ratcheting Dual Driver, 18-Volt Drill, and Wrench to Ratchet Adapters

GORILLA SOCKET EXTRACTOR

The Cross-Over Socket System Crosses Over Into Pure Extraction With The Cross-Over Gorilla Extractor System



- Two true extraction sockets in one. They reduce socket inventory and save time and money while providing both inch and metric fastener extraction in one socket. They can be used with standard drive tools, 18-volt ratchets, pneumatic impact guns, pneumatic ratchets and side-by-side with X-Tractalloy®
- Each socket is precisely engineered to extract both inch and metric applications
- Precisely engineered socket extractors for extracting damaged, worn, stripped, corroded and seized hex head fasteners, studs, socket head cap screws, threaded rod, tension control bolts, carriage bolts, machine screws, hex washer tap screws, hex washer drill screws, hex lag screws, square head bolts, plow bolts, step bolts, hex tapping screws, hex nuts, panel nuts, square nuts, pipe nuts, wheel nuts, broken wing nuts, locknuts, socket shoulder bolts, brass fittings and pipe fittings
- Chrome and black-oxide color/coating easily identifies it from other sockets and aids against flash rusting
- Will extract all hex head fasteners and nuts in all Partsmaster's 40 and 72-hole fastener systems in USS, SAE and Metric
- Chrome-molybdenum steel and a special heat treatment creates a softer more flexible steel composition that absorbs pressure and rebounds under heavy torquing
- Meets ANSI, BS and DIN requirements, ASMEB107.5M-2002 (Metric) and ASMEB107.2 (SAE) standards

| Code # | Description | Sizes |
|------------|---|---|
| 893-2-0110 | 8 pc 3/8" Drive SAE/Metric Cross-Over Gorilla Extractor Set on Rota-Hold Socket Rail | 5/16"(8mm), 3/8"(10mm), 7/16"(11mm), 15/32"(12mm), 1/2"(13mm), 9/16"(14mm), 19/32"(15mm) |
| 893-2-0111 | 10 pc 1/2" SAE/Metric Drive Cross-Over Gorilla Extractor Set on Rota-Hold Socket Rail | 5/8"(16mm), 11/16"(17mm), 3/4"(19mm), 13/16"(21mm), 7/8"(22mm), 15/16"(24mm), 1"(25mm), 1-1/8"(29mm), 1-3/16"(30mm) |
| 893-2-0112 | Deluxe 20 pc 3/8" and 1/2" Drive SAE/Metric Cross-Over Gorilla Extractor Set with Dual Head Ratchet on 2 Rota-Hold Socket Rails with tray | 893-2-0110, 893-2-0111 plus 893-1-0002 |
| 893-2-0113 | 18 pc 3/8" and 1/2" Drive SAE/Metric Gorilla Cross-Over Extractor Set with 2 Rota-Hold Socket Rails | 893-2-0110 and 893-2-0111 |



Team it up with Partsmaster's Blue Rhino pneumatic impact guns, Blue Rhino pneumatic ratchets, Dual Head ratchets, Rollin' Thunder ratchets, Flex Head ratchets, Low Profile Micro ratchets, Extendable Handle ratchets, Autobahn ratchets, Ratcheting Breaker Bars and Autobahn Sliding T-Bars



Combined with the Partsmaster Cross-Over Extension System, it provides SUPERIOR STRENGTH for those deep and hard to reach CONFINED SPACE EXTRACTIONS

**Solution Series
HAND TOOLS**

**COMFORT GRIP ERGONOMIC
DESTROYER MULTI-PURPOSE
HAND SAW**

- Razor sharp industrial dual tooth blades are twice as thick as competitive blades and cut in both the forward and reverse stroke
- Rips through plywood, 2 x 4's, hardwood, drywall, and plastics and much more
- Pointed blade tip provides for precise and immediate cuts in drywall
- Comfort grip curved Ergonomic handle provides greater control and leverage while reducing arm and hand fatigue
- Great for general purpose and demolition work



*Comfort grip
Ergonomic handle*



Razor sharp diamond shaped dual blade



Tears through a 2 X 4 in a snap

| Code # | Description | Size |
|------------|--|--------------------------|
| 893-2-0030 | Destroyer Multi-Purpose Ergonomic Hand Saw | 12" OAL, 6" Cutting Edge |



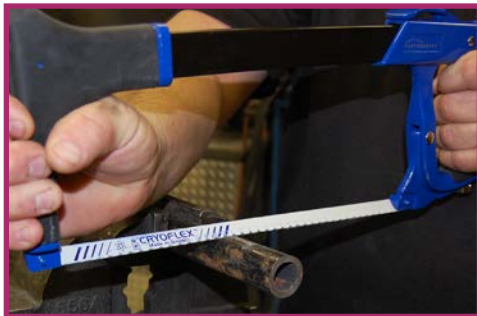
Saws

SUPERGLIDE DOUBLE ERGONOMIC HACKSAW FRAME

- Forward and reverse handles have Ergonomic features to reduce fatigue and increase safety and operation comfort
- Blade storage for quick convenient blade replacement
- Three saws in one: *Straight hacksaw with new improved double Ergonomic handles*
45 degree hacksaw with new improved double Ergonomic handles
Jabsaw with new improved double Ergonomic handles
- Super strong alloy rust resistant frame
- Jabsaw feature provides for close quarter work, scroll work, drywall work and more
- 45 degree feature provides for intricate angle cutting
- Quick easy blade replacement requires no special tools
- New locking design assures user of the exact amount of tension needed to keep the blade rigid and in place



| Code # | Description |
|------------|---|
| 800-4-0008 | Hacksaw frame; 1 ea. 24T blade included |



45 degree feature



Quick easy blade replacement



Forward and reverse handles have Ergonomic features and feel which provide comfort and security

Solution Series **HAND TOOLS**

4-IN-1 QUICK CHANGE UTILITY LOCK BACK TOOL KIT

- Custom hardback zipper case keeps the tool and all the blades in one easy-to-find location
- Light and compact enough to carry in a tool pouch and/or store in a toolbox
- Protective case helps blades resist rusting



Quick-change blade feature allows instant blade removal and new blade change out



Quick-change utility lock back tool has a built-in blade storage area

Partsmaster's solution to your utility knife issues:

- 1) You can locate your utility knife, but you cannot locate your utility blades.
- 2) You can locate your utility blades, but you cannot locate your utility knife.
- 3) You can locate your utility knife with the blades inside the handle, but when you need the blades, you open up the handle and the blades are all rusted together.
- 4) You need a different style utility blade, but only have the standard utility blade.

Code #

Description

805-3-0015

8 pc 4-in-1 Quick Change Utility Lock Back Tool Kit
Set includes:
1 Quick Change Utility Lock Back Tool with built-in blade storage; 2 Standard Utility Blades
2 Hook Blades; 1 Scoring/Carpet Blade; 1 Linoleum Blade; 1 Custom Hardback Zipper Case

Replacement Blades:

805-3-0016

10pk. Standard Utility Blade in Dispenser

805-3-0017

10pk. Hook Blade in Dispenser

805-3-0018

5pk. Linoleum Blade

805-3-0019

5pk. Scoring/Carpet Blade

**IRON CLAW™ INTERCHANGEABLE
ERGONOMIC COMFORT GRIP QUICK
DISCONNECT MINI FILE ASSORTMENT**

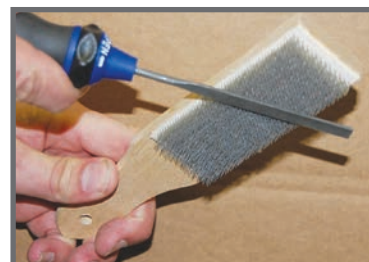
- Quick change Ergonomic comfort grip handle reduces hand fatigue and provides greater user performance and comfort
- Ideal for detail work and filing in tight confined spaces
- Great for use on carbon and stainless steel, copper, brass, plastic and PVC
- Custom roll-up pouch
- Individual interchangeable quick disconnect drivers allow user to quickly and efficiently changeout styles without downtime
- Individual interchangeable quick release rotating caps allow user to perform fine manipulation with palm and fingertip control
- Compact, light and convenient enough to carry in a tool pouch and for every day use



Twist release to change file



Use on all carbon and stainless steel



Unload file gullets with the Iron Claw File Cleaning Brush (800-0-1015)

| Code # | Description |
|------------|--|
| 893-2-0025 | Iron Claw Interchangeable Ergonomic Comfort Grip Quick Disconnect File Assortment, Set includes: One of each file below plus Quick Disconnect Ergonomic Comfort Grip Handle, 2 Quick Lock Rotating Caps and a Custom Roll-Up Pouch |

INDIVIDUAL FILES

| Code # | Description |
|------------|---|
| 893-1-2601 | 1 Barrette File - Obtuse triangle to sharpen intricate angles |
| 893-1-2602 | 1 Flat Point File - Deburr straight edges |
| 893-1-2603 | 1 Oval File - Chainsaw teeth, tubing I.D., slots |
| 893-1-2604 | 1 Flat File - Deburr straight edges |
| 893-1-2605 | 1 Feather Edge File - Elongated diamond cross-section for accessing tight corners |
| 893-1-2606 | 1 Triangular File - Remove burrs and threadlocker from male pipe (screw threads) |
| 893-1-2607 | 1 Crossing File - Deburr compression/spring pin openings |
| 893-1-2608 | 1 Round File - Chainsaw teeth, tubing I.D., slots |

Clamps

FAST N' TIGHT™ F-STYLE WELDERS CLAMPS

- Designed to assist the welder while fitting and tacking welded structures
- Made tough and durable for long life

PIVOT HANDLE CLAMPS

- Designed for light duty fast clamping
- The pivot handle allows for an extra twist for more clamp force



| Code # | Description | Size | Max Span (in.) | Max Depth (in.) | Weight (lbs.) | Clamping Pressure (lbs.) | Rail X Size Width X Thickness |
|------------|----------------------------|------|----------------|-----------------|---------------|--------------------------|-------------------------------|
| 712-1-1006 | Pivot Handle Welders Clamp | 6in | 6.3 | 3.1 | 1.3 | 661 | 5/8" X 5/16" |
| 712-1-1010 | Pivot Handle Welders Clamp | 10in | 9.8 | 3.1 | 1.5 | 661 | 5/8" X 5/16" |

STANDARD WELDERS CLAMP

- Designed for welding applications requiring a tough duty clamp with good strength
- Available in four sizes to fit most jobs



| Code # | Description | Size | Max Span (in.) | Max Depth (in.) | Weight (lbs.) | Clamping Pressure (lbs.) | Rail X Size Width X Thickness |
|------------|------------------------|------|----------------|-----------------|---------------|--------------------------|-------------------------------|
| 712-2-0004 | Standard Welders Clamp | 4in | 3.9 | 2.0 | 0.4 | 485 | 7/16 X 1/4 |
| 712-2-0006 | Standard Welders Clamp | 6in | 6.3 | 3.1 | 1.1 | 661 | 5/8 X 5/16 |
| 712-2-0008 | Standard Welders Clamp | 8in | 7.9 | 3.9 | 1.9 | 992 | 3/4 X 3/8 |
| 712-2-0012 | Standard Welders Clamp | 12in | 11.8 | 4.7 | 2.9 | 1213 | 3/4 X 3/8 |

QUICK LEVER WELDING CLAMP

- Designed for fast action tightening with high clamping force
- Simple place and pull action keeps work piece clamped



| Code # | Description | Size | Max Span (in.) | Max Depth (in.) | Weight (lbs.) | Clamping Pressure (lbs.) | Rail X Size Width X Thickness |
|------------|---------------------------|------|----------------|-----------------|---------------|--------------------------|-------------------------------|
| 712-3-0008 | Quick Lever Welding Clamp | 8in | 7.9 | 3.1 | 1.5 | 661 | 5/8" X 5/16" |
| 712-3-0012 | Quick Lever Welding Clamp | 12in | 11.8 | 3.1 | 1.8 | 661 | 5/8" X 5/16" |

HEAVY-DUTY WELDERS CLAMP

- Rounded ends of the handle help protect hands and gladly except and assist to transfer more force
- Available replacement pads for long life



| Code # | Description | Size | Max Span (in.) | Max Depth (in.) | Weight (lbs.) | Clamping Pressure (lbs.) | Rail X Size Width X Thickness |
|------------|---|------|----------------|-----------------|---------------|--------------------------|-------------------------------|
| 712-1-4008 | Heavy-Duty Welding Clamp | 8in | 7.9 | 4.7 | 4.3 | 2205 | 1-1/16" X 1/2" |
| 712-1-4016 | Heavy-Duty Welding Clamp | 16in | 15.7 | 4.7 | 5.4 | 2205 | 1-1/16" X 1/2" |
| 712-1-4050 | Replacement Pad Set for Heavy-Duty Welding Clamps | | | | | | |

Welders Clamps

Solution Series **HAND TOOLS**

SMOOTH OPERATOR CLAMPS

- Combines the functionality of a clamp with the ease of use of a locking plier
- Features a high quality chrome moly steel body and heat treated chrome-vanadium jaws for long-lasting performance and a hammered bright chrome plated finish for corrosion resistance
- State of the art high quality locking mechanism keeps locking bar in place even if pliers are dropped
- Wide opening jaws allows clamping of large objects without slippage
- Swivel pads help to resist work piece indentation and provide a stronger grip when one or both pieces have surfaces that are not parallel to each other



| Code # | Length | Jaw Capacity |
|------------|--------|--------------|
| 898-4-0506 | 6" | 2-1/4" |
| 898-4-0511 | 11" | 4-1/2" |
| 898-4-0518 | 18" | 9" |

ASSORTMENT

| Code # | Description | Sizes |
|------------|-------------|--------------|
| 898-4-0500 | 3pcs Set | 6", 11", 18" |



Securely fastens work pieces for drilling, cutting, riveting, grinding or welding applications.



Oversized swivel pads help resist work piece indentation, provides a stronger grip and keeps pieces from shifting.

**Solution Series
HAND TOOLS**

**PLATYPUS ALL ACCESS
LOCKING WELDING CLAMPS**

- Securely holds rounded, angled, or flat pieces of material in proper alignment for stick , MIG, and flux cored welding applications
- U-shaped jaws allows greater access and visibility for tack welding
- Features a high quality chrome-moly steel body, heat treated chrome-vanadium jaws for long-lasting performance, and a hammered bright chrome plated finish for corrosion resistance
- State-of-the-art high quality locking mechanism keeps locking bar in place even if pliers are dropped
- Knurled adjustment knob allows simple size and clamping pressure changes



| Code # | Length | Jaw Capacity |
|------------|--------|--------------|
| 712-1-3009 | 9" | Up to 2" |
| 712-1-3011 | 11" | Up to 2-1/2" |

ASSORTMENT

| Code # | Description | Sizes |
|------------|-------------|---------|
| 712-1-3000 | 2 pc Set | 9", 11" |



U-shaped jaw securely holds round, angled and flat material and allows access and visibility to the work area

Welders Clamps

Solution Series **HAND TOOLS**

SPOONBILL FLAT FACE LOCKING CLAMP

- Wide jaws provide a strong grip that evenly distributes clamping force and makes crimping, forming and bending sheet metal easy and more efficient
- Eliminates hand gripping by securely holding work piece
- Features a high quality chrome-moly tool steel body and heat treated chrome-vanadium jaws for long-lasting performance and a hammered chrome plated finish for corrosion resistance
- State-of-the-art high quality locking mechanism resists dislodging locking bar if the pliers are dropped



| Code # | Length | Max Jaw Capacity |
|------------|--------|------------------|
| 898-4-0608 | 8" | 1-3/16" |
| 898-4-0610 | 10" | 2" |

Assortment

| Code # | Description | Sizes |
|------------|-------------|---------|
| 898-4-0600 | 2pc. Set | 8", 10" |



Allows bending and forming of sheet metal without a brake

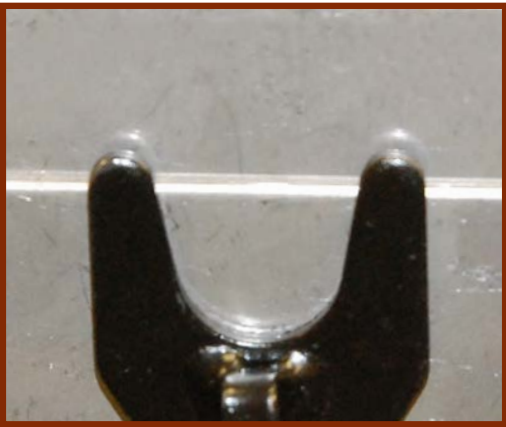
**Solution Series
HAND TOOLS**

**ANTI-STICK LONG NOSE PLUG
WELD CLAMP**

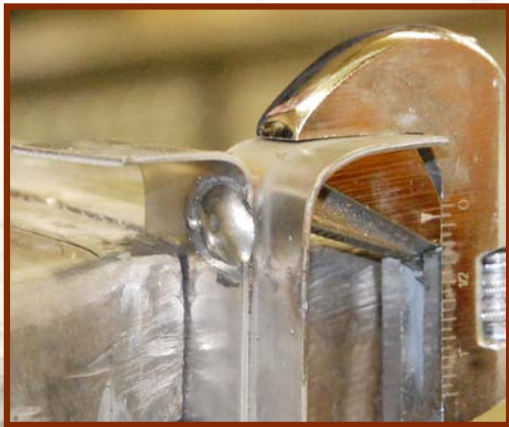
- Features a high quality chrome moly steel body and heat treated chrome-vanadium jaws for long-lasting performance and a hammered bright chrome plated finish for corrosion resistance
- State of the art high quality locking mechanism keeps locking bar in place even if pliers are dropped
- Securely holds work piece in place for spot welding and other welding and brazing applications
- Fork shaped upper jaw provides access to work area
- Copper pad prevents weld from burning through second piece, leaving back side looking untouched



| Code # | Length |
|------------|--------|
| 898-4-0406 | 9" |



Securely holds work piece in place for spot welding with stick, mig and flux core wire



MINI LEVER-ACTION CHAIN HOIST/PULLER

- Heavy-duty construction, but light weight design for all mobile lifting, rigging, and pulling applications performed within the operation guidelines
- Load chain is made of Grade 80 alloy steel and zinc plated to resist wear and corrosion
- Heavy-duty drop forged upper and lower hooks are made from 35CRMO steel, painted for corrosion resistance, and feature spring loaded latches to secure loads
- Small and compact enough for operating in confined spaces
- Ergonomic handle reduces operator hand fatigue and provides a non-slip grip for safe, one-handed operation
- Outer hand wheel allows for tightening or loosening of load chain without having to crank the handle
- 10' lift provides plenty of chain for any job meeting specified guidelines
- Free-chaining feature allows for a quick load attachment
- Stores easily in tool boxes, job boxes, mobile maintenance repair vehicles, ATV's, golf carts, lockers and tool rooms
- Asbestos free copper fiber brake
- Meets ASME/ANSI B30.21 Standards, CE, TUV and GS Regulatory Approval



| Code # | Load Capacity (lbs) | Hook Throat Opening | Handle Length | Min. Distance Between Hooks | Gear Type |
|--------|---------------------|---------------------|---------------|-----------------------------|-----------|
|--------|---------------------|---------------------|---------------|-----------------------------|-----------|

| | | | | | |
|------------|---------------------|--------|---------|---------|---------------------------|
| 065-9-0250 | 500 lbs X 10' lift | 15/16" | 7" | 8-1/2" | Evolver Column Brake Gear |
| 065-9-0500 | 1000 lbs X 10' lift | 1" | 7" | 10" | Double Stage Reduction |
| 065-9-0750 | 1650 lbs X 10' lift | 1-1/8" | 10" | 13" | Fraction Disk Brake |
| 065-9-1500 | 3300 lbs X 10' lift | 1-1/2" | 11-1/2" | 15-1/2" | Fraction Disk Brake |

WARNING:

- * Do not operate a damaged hoist
- * Do not lift people or a load over people
- * Do not use an extension on the handle
- * Do not exceed the maximum capacity
- * Do not operate if the chain is obstructed or damaged

Please read and follow all instructions in the manual before attempting to operate the lever hoist

Lif-Ti-Rig

Solution Series
HAND TOOLS

LIF-TI-RIG

- The only 3way hoist in a class of its own. It lifts, ties and rigs without any moving parts; no levers, latches, buttons or knobs
- Patented notched stop cleat is engineered to instantly lock and release with one hand
- Safer than bungee cords, rope does not stretch or snap back
- Perfect for outdoor use, UV resistant, will not rust or corrode in cold wet weather
- Eliminates need for second person by holding loads without having to tie off

LIF-TI-RIG BLOCK AND TACKLE

- Allows easy lifting of heavier loads
- Turns a two person job to a one person job
- Provides a 3 to 1 mechanical advantage
- Includes 2 pulleys and a 35ft rope bundle



| Code # | Description | Rope Diameter | Max Load |
|------------|---|---------------|----------|
| 065-8-0005 | Deluxe Lif-Ti-Rig with Block and Tackle | 3/8" | 300 lbs |
| 065-8-0010 | Lif-Ti-Rig Rope Tie Down w/ 10ft Rope | 3/8" | 300 lbs |
| 065-8-0015 | Lif-Ti-Rig Block and Tackle Kit w / 35ft Rope | 3/8" | 300 lbs |
| 065-8-0020 | Lif-Ti-Rig Rope, 100ft Spool | 3/8" | 300 lbs |

WARNING:

- Do not lift people or load over people
- Inspect all components prior to use
- Do not use if damaged
- Do not exceed maximum capacity



REFLEX WRAP STRAP

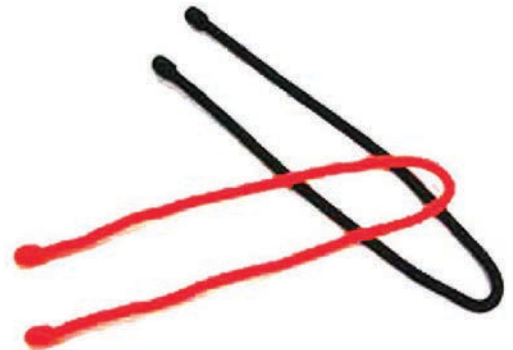
Partsmaster solves your age old problems of bundling, wrapping and strapping

- Reuseable, flexible, wrapable and strapable product
- Constructed of a strong carbon steel wire coated with a super strong thermal plastic rubber
- Can be twisted and wrapped continuously without breaking while still holding it's shape
- Waterproof and can be used indoors and outdoors and in any weather conditions
- Available in all-purpose durable non-marring black or Hi-Vis fluorescent safety orange
- The answer to securing and organizing in the shop, plant, home, garage, vehicle, ATV, office, golf course or any place securing and organizing is needed
- Does not scratch or mark up any surface
- Can be used on wet or dry surfaces
- Raised ridges provide a slip resistant surface
- UV, salt water, and oil resistant
- Max Operating Temp - 200 degree F Continuous
230 degree F Intermittent



Used to bundle extension cords, computer wires and cords, phone cords, welding cable, air, water, and hydraulic hoses, bundle and wrap pipes, and hang tools and lighting products

| Code # | Size | Color |
|------------|------|----------------------------------|
| 066-7-0103 | 3" | Durable Non-Marring Black |
| 066-7-0106 | 6" | Durable Non-Marring Black |
| 066-7-0112 | 12" | Durable Non-Marring Black |
| 066-7-0118 | 18" | Durable Non-Marring Black |
| 066-7-0124 | 24" | Durable Non-Marring Black |
| 066-7-0136 | 32" | Durable Non-Marring Black |
| 066-7-0212 | 12" | Hi-Vis Fluorescent Safety Orange |
| 066-7-0218 | 18" | Hi-Vis Fluorescent Safety Orange |
| 066-7-0224 | 24" | Hi-Vis Fluorescent Safety Orange |
| 066-7-0236 | 32" | Hi-Vis Fluorescent Safety Orange |



ASSORTMENT

| Code # | Description |
|------------|--|
| 995-1-0215 | 30 pcs Fluorescent safety orange & non-marring black with tray |
| 995-1-0216 | 30 pcs Non-marring black with tray |



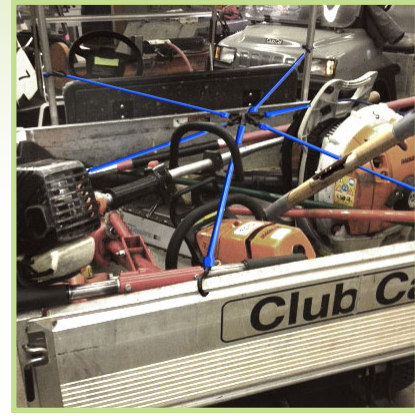
Utility Cords

STRETCH MASTER™ POLYURETHANE UTILITY CORDS

- Exceptional polyurethane formula resists cracking, breaking and splitting
 - Resistant to salt water, oil and UV
 - Strong flexible material allows for a safe stretch up to twice its original length
 - Works extreme temperature ranges of -20 degrees F to 200 degrees F
 - Durable nylon hooks will not scratch paint
- * Guaranteed for Life against any breakage of the strap or hooks

STRETCH MASTER™ WEB

- Six 18" Stretch Master cords attached to center ring that creates a six-way tie down
- Break strength of 120 lbs per cord x 6
- Perfect for securing tool boxes or parts containers to portable work carts, mobile maintenance repair vehicles, ATVs, pickup trucks, trailers, and golf carts
- Secures limbs, debris, landscaping tools, greens mowers, chain saws, limb saws and more to the beds of all ATVs's, pickups, carry-alls, mini trucks and other maintenance repair vehicles



Code #

066-7-0300

Description

Stretch Master Web

STRETCH MASTER™ LOOP

- Stretch Master cord with a molded nylon hook on one end and a loop on the opposite end
- Break strength of 120 lb
- Great for tie down applications that do not have two anchor points
- Perfect for storing extension cords, air and water hoses and for general shop storage and organization
- Can be used in bundling diameters from 1" to 25"

Code #

066-7-0302

Description

Stretch Master Loop

STRETCH MASTER™ SLOTTED STRAP

- Stretch Master strap with two molded nylon hooks and six loop connector slots
- Break strength of 210 lb
- Slots allow for the strap to be customized for a variety of applications

Code #

066-7-0306

Description

Stretch Master Slotted Strap



* The guarantee is void against cuts, rips, or tears from sharp objects, being run over by solid/metal wheels

PARTSMASTER™ MINI-MAG™ LOW PROFILE MAGNETIC DRILL

This low profile magnetic core drill allows the operator to drill larger diameter holes fast in confined spaces like underneath a vehicle or inside spaces in machinery. It's powerful and comes in a sturdy blow molded plastic carry case. It's available with or without a pressurized coolant delivery system.

- Much faster than hand drilling
- 1100 watt motor – compact and powerful
- Strong magnetic force – 3,372 lbs. for great stability
- Low profile – only 7-7/8" tall
- Ambidextrous feed handle – use on either side
- Lightweight – 22.4 lbs.
- Weldon quick-change chuck
- Overload protection

Applications

Mining, Railroad Construction, Power Plants, Pulp & Paper, Petro-Chemical, Trucking, Automotive Plants, Military Vehicles, Welding/Fabrication, Bridge Repair

SPECIFICATIONS

| | |
|------------------------------------|---|
| Power input. | 1100W |
| Voltage: | 110V/50-60Hz |
| No Load / Full Load | 650 / 390 rpm |
| Max. Capacity, Dia. X Depth of Cut | 1-3/8" (35mm) X 1-3/16" (30mm) |
| Cutter Mount. | 3/4" dia, Weldon Shank, Quick-Change, single or 2 flats (19mm) |
| Magnetic Adhesion | 3372 lbs-force (15,000 N) |
| Overload Protection | Included |
| Dimensions. | 11-1/4" (285mm) L X 4" (101mm) W X 7-7/8" (200mm) |
| Net weight. | 22.4 lbs. (10 kgs.) |



| Code # | Description |
|--------|-------------|
|--------|-------------|

| | |
|------------|--------------------------------|
| 800-1-0170 | Mini-Mag Drill in carry case |
| 800-1-0171 | Mini-Mag Drill and Coolant Kit |

Accessories

| | |
|------------|---|
| 800-1-0172 | Mini-Mag Drill Coolant Kit Only |
| 800-1-0173 | Pump Up Coolant Reservoir 1 Gallon |
| 800-1-0174 | Coolant Hose 4ft |
| 800-1-0175 | Coolant Dispenser Stainless Curved Tubing |
| 800-1-0176 | Coolant Valve 1/4T X 1/4T Push-To-Connect |



Coolant Kit

LOW NOISE STRAIGHT AIR DIE GRINDER

- Soft cushion Ergonomic grip promotes operator comfort, reduces hand fatigue and helps insulate the tool in hot and cold climates
- Twin bearing design provides ultra low vibration and extended tool life
- Patented low-noise technology allows tool to operate at only 80dBA
- Great for cutting, deburring and blending with power and precision
- Low air consumption 3cfm @ 90 psi



Speed control dial

SPECIFICATIONS

| | |
|-----------------------------------|------------------------------|
| Collet Size | 1/4" (1/8" Collet available) |
| Variable No Load Speed (RPM)..... | 5,000 - 22,000 |
| Air Inlet Size | 1/4" NPT |
| Hose Size (I.D.)..... | 3/8" |
| Working Pressure..... | 70-100 psi |
| Air Consumption, Avg..... | 3.5 cfm |
| Length | 7" |
| Horsepower | 1/2 hp |
| Noise Level | 80 dBA |



| Code # | Description |
|------------|------------------------------------|
| 800-0-0140 | Low Noise Straight Air Die Grinder |
| 800-0-0146 | 1/4" Adapter Collet |
| 800-0-0147 | 1/8"Adapter Collet |
| 800-0-0148 | Replacement 14mm Wrench |
| 800-0-0149 | Replacement 19mm Wrench |



Die Grinders

LOW NOISE 90 DEGREE RIGHT ANGLE AIR DIE GRINDER

- Soft cushion Ergonomic grip promotes operator comfort, reduces hand fatigue and helps insulate the tool in hot and cold climates
- Right angle head permits easy access to tight areas
- Power / Speed regulator allows for easy RPM adjustment
- Patented low-noise technology allows tool to operate at only 80dBA
- Excellent for deburring, blending and buffing
- Low air consumption 3cfm @ 90 psi



SPECIFICATIONS

| | |
|-----------------------------------|------------|
| Collet Size | 1/4" |
| Variable No Load Speed (RPM)..... | 18,000 |
| Air Inlet Size | 1/4" NPT |
| Hose Size (I.D.)..... | 3/8" |
| Working Pressure..... | 70-100 psi |
| Air Consumption, Avg..... | 3.5 cfm |
| Length | 7" |
| Horsepower..... | 1/2 hp |
| Noise Level | 80 dBA |



| Code # | Description |
|------------|-------------------------------|
| 800-0-0142 | Low Noise Right Angle Grinder |
| 800-0-0146 | 1/4" Adapter Collet |
| 800-0-0147 | 1/8" Adapter Collet |
| 800-0-0148 | Replacement 14mm Wrench |
| 800-0-0149 | Replacement 19mm Wrench |

2" RIGHT ANGLE GRINDER

- Very quiet @ 81dBA
- High performance 1/2 horsepower motor allows user to grind, blend and deburr metal with ease
- Soft cushion Ergonomic handle reduces hand fatigue, enhances grip, promotes operator comfort, and helps insulate the tool in hot and cold climates
- Power / Speed regulator allows for easy RPM adjustment
- Great for working in confined spaces
- Low air consumption 3.5cfm @ 90 psi



SPECIFICATIONS

| | |
|------------------------------------|----------------|
| Variable No Load Speed (RPM) | 8,000 - 15,000 |
| Air Inlet Size | 1/4" NPT |
| Hose Size (I.D.) | 3/8" |
| Working Pressure | 70-100 psi |
| Air Consumption, Avg. | 3.5 cfm |
| Length | 7" |
| Horsepower | 1/2 hp |
| Noise Level | 81 dBA |

| Code # | Description |
|------------|----------------------------------|
| 800-0-0144 | 2" Low Noise Right Angle Grinder |
| 800-0-0148 | Replacement 14 mm Wrench |
| 058-5-1264 | Replacement 3/16" (5mm) Hex Key |
| 800-0-0158 | Replacement Disk Screw |

Finishing Tools

LOW-NOISE, HIGH TORQUE ESF (ERASING, STRIPPING AND FINISHING) TOOL



- Soft cushion Ergonomic grip promotes operator comfort, reduces hand fatigue and helps insulate the tool in hot and cold climates
- Patented low-noise technology allows the tool to operate at only 80dBA
- 1/2hp motor provides high torque for removing labels, coatings and residue, and to finish metal with power and precision
- When used with the optional 5/16"-24 x 1/4" F adapter (800-0-0174), it becomes the perfect tool for applications that require the use of low RPM rated 1/4" stem mounted coated, non-woven and rubberized abrasives
- Optional Ergonomic handle (800-0-0172) provides better control for more precise finishing and helps to reduce hand fatigue



Check out the short video

SPECIFICATIONS

| | |
|------------------------------------|--------------|
| Spindle Thread | 5/16"-24 UNF |
| Variable No Load Speed (RPM) | 2,600 |
| Air Inlet Size | 1/4" NPT |
| Hose Size (I.D.) | 3/8" |
| Max Working Pressure | 90 psi |
| Air Consumption, Avg | 3.6 cfm |
| Length | 8.8" |
| Horsepower | 1/2 hp |
| Noise Level | 80dBA |

| Code # | Description |
|------------|---|
| 800-0-0170 | Low Noise ESF Tool (no handle) |
| 800-0-0171 | Deluxe Low Noise ESF Tool (Includes handle, 1/4"-20 adapter and 1/4" female adapter) |
| 800-0-0172 | Handle for Low Noise ESF Tool |
| 800-0-0173 | Adapter, 5/16"-24 male X 1/4"-20 male (attach to Q. C. back-up pads) |
| 800-0-0174 | Adapter, 5/16"-24 male X 1/4" female (for stem-mounted abrasives) |
| 800-0-0175 | Adapter, 5/16"-24 male X 3/8"-16 male |
| 800-0-0148 | Replacement 14mm Wrench |
| 507-9-0406 | Replacement M4 X .7 X 6mm set screw for 800-0-0174 |

Solution Series HAND TOOLS

BLUE RHINO ULTRA COMPACT CONFINED SPACE PNEUMATIC IMPACT WRENCH

- Well balanced, lightweight design, providing for extremely comfortable one-handed operation
- Twin hammer mechanism provides heavy duty performance and reliability
- Robust max removal torque of 300 - 540 ft lb (3/8" drive) and 400-730 ft lb (1/2" drive)
- Ergonomic rubber grip handle reduces hand fatigue and increases operator comfort and control
- Bottom handle exhaust, no blow back in the operator's face
- The perfect complement to the Solution Series Cross-Over Socket line



Industries that benefit from Ergonomically designed air tools

- Agriculture
- Building and grounds maintenance
- Automotive, diesel and marine repair
- Industrial and power plants
- Fleet maintenance
- Hospitals
- Construction
- Military

Applications

- Engine repair
- Wheel and tire installation and removal
- Hardware installation and removal

| Code # | Drive | Max Removal Torque | Max Free Speed | Avg Air Consumption | Length | Weight | |
|--------------------------|-------|------------------------|----------------|---------------------|--------|--------|---------|
| 800-0-0350 | 3/8" | 300 ft lb 540 ft lb | 3 Sec 5 Sec | 10,000 RPM | 6 CFM | 4.7" | 3.5 lbs |
| 800-0-0351 | 1/2" | 400 ft lb 730 ft lb | 3 Sec 5 Sec | 10,000 RPM | 6 CFM | 5" | 3.6 lbs |
| Anvil Repair Kits | | | | | | | |
| 800-0-0357 | 3/8" | | | | | | |
| 800-0-0358 | 1/2" | | | | | | |



Ultra compact body is lightweight and allows greater access to confined spaces



One-handed operation
3 position speed control

Impact Wrench

Solution Series **HAND TOOLS**

3/4" DRIVE BLUE RHINO PNEUMATIC IMPACT WRENCHES

- Well balanced for comfortable operation
- Twin hammer mechanism provides heavy-duty performance and reliability
- Robust max removal torque of 1257 ft/lbs (5 second test)
- Robust max forward torque of 1086 ft/lbs (8 second test)
- Rubber grip handle for increased operator comfort and control
- Bottom handle exhaust, no blow back in operator's face
- The perfect complement to the Solution Series Cross-Over Socket and Extension lines



Industries that benefit from Ergonomically designed air tools

- Agriculture
- Building and grounds maintenance
- Automotive, diesel, and marine repair
- Industrial and power plants
- Fleet maintenance
- Hospitals
- Construction
- Military
- Engine repair
- Wheel and tire installation and removal
- Hardware installation and removal
- Assembly lines



SPECIFICATIONS

| | | | |
|------------------------------------|----------------|----------------|----------|
| Square drive..... | 3/4" | | |
| Bolt capacity..... | 1", 24mm | | |
| | 3 second | 5 second | 8 second |
| Max torque reverse: 1080.42 ft/lbs | 1257.01 ft/lbs | 1236.88 ft/lbs | |
| Max torque forward: 902.25 ft/lbs | 1010.60 ft/lbs | 1086.40 ft/lbs | |
| Free speed: | 4000 rpm | | |
| Avg. air consumption: | 9 cfm | | |
| Air pressure: | 90 psi | | |
| Overall length: | 9-1/2" | | |
| Net weight: | 10.9 lbs | | |
| Air inlet: | 3/8" | | |
| Recommended Air hose: | 1/2" | | |

| Code # | Description |
|------------|-------------------------------------|
| 800-0-0352 | 3/4" Drive Blue Rhino Impact Wrench |

Solution Series **HAND TOOLS**

BLUE RHINO PNEUMATIC RATCHET

- Provides a faster way to install and remove fasteners while reducing user fatigue
- Ergonomic rubber grip handle for reduced vibration and increased operator comfort and control
- Dual ratchet pawls provide heavy-duty performance and reliability
- Friction ball connection allows for quick and easy socket change outs
- An excellent complement to the Cross-Over sockets and extensions lines

Applications

- Automotive and fleet repair
- Industrial assembly
- Hardware installation and removal
- Equipment disassembly / assembly



800-0-0360



800-0-0361



Large direction switch allows user to easily switch between forward and reverse drive

| Code # | Drive | Max Torque | Max Free Speed | Avg Air Consumption | Length | Weight |
|------------|-------|------------|----------------|---------------------|----------|--------|
| 800-0-0360 | 3/8" | 55 ft lb | 165 RPM | 7.3 SCFM | 10-7/16" | 2.8lb |
| 800-0-0361 | 1/2" | 55 ft lb | 165 RPM | 7.3 SCFM | 10-7/16" | 2.8lb |



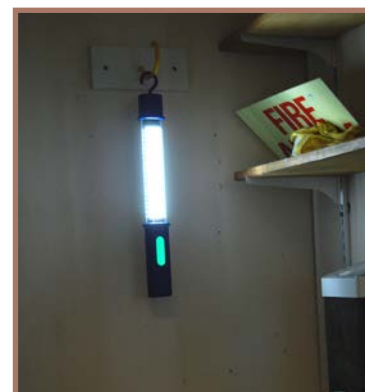
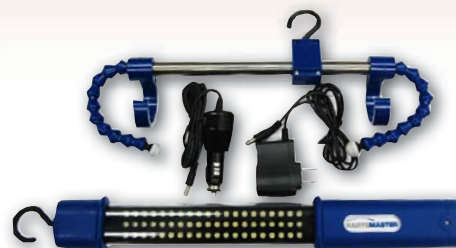
Air ratchets offer greater access to hard to reach areas than impact wrenches

Solution Series **HAND TOOLS**

AQUA LIGHT

60 LED waterproof work light with custom stainless steel light holder, cordless with 115 V AC and 12 V DC chargers

- 60 LED bulbs with single warm white LED intensity up to 15000mcd (millicandela) and 6500K color temperature (compares to the brightness outside, 12pm on a clear day)
- Waterproof grade IP66 (Ingress Protection: Dust tight/protected against heavy seas); 100% waterproof in depths down to 39" and, can be washed with water over and over again
- 3-4hrs continuous use on a single charge
- The gradual lighting startup design protects the user's eyes from sudden high bright beam
- Continuous lighting can be achieved while charging by adapters
- Super long service life of built-in 2600mAh LiFePO4 battery, charge and discharge cycles exceed 2000 times
- Cordless operation for use anywhere by patented multi-function light holder
- UL approved charger



Patented multi-function holder allows light to be easily hung to illuminate work area.

Code

Description

| | |
|------------|-----------------------------------|
| 800-0-0105 | Waterproof Work Light 60 LED |
| 800-0-0106 | Stainless steel holder with hooks |
| 800-0-0107 | 110V AC charger |
| 800-0-0108 | 12V DC charger |

Battery run time indicator light on the handle glows and indicates the battery life remaining:

Green Light: full capacity: up to 4 hrs life

Yellow Light: half capacity: 60 - 90 minutes life

Red Light: low capacity: 30 - 60 minutes life

Red Strobe Light: little capacity: < 30 minutes life

Red Strobe Light indicates a low battery that needs charging

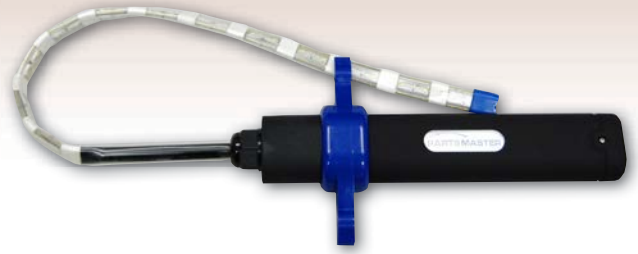
Work Lights

Solution Series **HAND TOOLS**

FLEXIBLE AQUA LIGHT

48 LED waterproof flexible work light with 115 VAC and 12 V DC chargers

- Flexible light wand can be inserted into confined spaces to illuminate work areas that would obstruct light from traditional work lights
- 48 LED bulbs with single warm white LED intensity up to 12000mcd (millicandela) and 6500K color temperature (compares to the brightness outside, 12pm on a clear day)
- Waterproof grade IP66 (Ingress Protection: Dust tight/protected against heavy seas); 100% waterproof in depths down to 39 feet; and can be washed with water over and over again
- 3-4 hours continuous use on a single charge
- The gradual lighting startup design protects the user's eyes from sudden high bright beam
- Continuous lighting can be achieved while charging with adapters
- Super long service life of built-in 2600mAH LiFePO4 battery, charge and discharge cycles exceeds 2000 times
- UL approved charger



Built in **wand clips** hold the light wand as a **lighting loop** and also aid for easier storage

Code

Description

800-0-0110

Flexible Aqua Light

Battery run time indicator light on the handle glows and indicates the battery life remaining:

Green Light: full capacity: up to 4 hrs life

Yellow Light: half capacity: 60 - 90 minutes life

Red Light: low capacity: 30 - 60 minutes life

Red Strobe Light: little capacity: < 30 minutes life

Red strobe light indicates a low battery that needs charging



LEDs are positioned on both sides of the light wand, providing 360° illumination

**VISION PRO SUPER ILLUMINATOR
AC PROTECT-ALL LIGHT**

- Super bright 3000 Lumen illumination
- 100% die cast aluminum housing makes it extremely light and super tough
- UL and CSA rated for outdoor use
- Waterproof rating of IP65 (Ingress Protection: Dust tight/protected against heavy seas)
- Equipped with a permanent 16' 18/3 SJ TOW power cord that is oil and water resistant and remains flexible in extremely cold conditions
- 35 watts of power, 120V AC, with a frequency of 60 Hz
- LED life of 13 years and/or 100,00 hours
- 2 year warranty against manufacturer's defects*
- Equipped with a padded hanging hook with 180° of movement for offline hanging and easy storage
- Equipped with a permanent 360° rotational mounting bracket featuring the ability and versatility to be used on all 3 Vision Pro stands
- 6500 K Color Temperature (compares to the brightness outside, 12 pm on a clear day) which is the perfect color temperature needed for matching paint
- Special aluminum housing, advanced circuitry and superior lens technology allows for a continual *cool to the touch* light



Code # Description

| | |
|------------|---|
| 800-0-0201 | Vision Pro Super Illuminator AC Protect-All Light |
| 800-0-0218 | Vision-Pro AC Light w/magnetic stand |
| 800-0-0211 | Replacement tempered glass lens** |
| 800-0-0223 | Replacement tempered glass lens with shatter guard covering** |

* Does not include abuse, neglect or tampering

** Replacing lens voids manufacturing IP rating

Work Lights

Solution Series
HAND TOOLS

VISION PRO SUPER ILLUMINATOR DC PROTECT-ALL LIGHT



- Super bright two lumen modes. Hi: 1200 Lumens/Low: 1000 Lumens
- Rechargeable Hi capacity 11.1V 4000mAh Li-ion battery equipped with a 12.6V, 1.8A high power AC charger
- 100% die cast aluminum housing makes it extremely light and super tough
- UL and CSA rated for outdoor use
- Waterproof rating of IP65 (Ingress Protection: Dust tight/protected against heavy seas)
- 15 watts of power, 11.1 Volt DC
- Up to 3 hours (15 w) / 6-7 hours (8 w) of continuous use
- LED life of 13 yrs. and/or 100,000 hrs.
- 2 year warranty against manufacturer's defects*
- Equipped with a permanent 360° rotational mounting bracket featuring the ability and versatility to be used on all 3 Vision Pro stands
- 6500 K Color Temperature (compares to the brightness outside, 12 pm on clear day) which is perfect for color temperature needed for matching paint
- Special aluminum housing, advanced circuitry and superior lens technology allows for a continual *cool to touch* light

| Code # | Description |
|------------|---|
| 800-0-0202 | Vision Pro Super Illuminator DC Protect-All Light |
| 800-0-0219 | Vision Pro Super Illuminator DC light w/magnetic stand |
| 800-0-0216 | Vision Pro Super Illuminator DC light w/magnetic stand and DC charger |
| 800-0-0210 | Replacement AC Charger |
| 800-0-0215 | DC Charger |
| 800-0-0212 | Replacement Lens** |
| 800-0-0224 | Replacement tempered glass lens with shatter guard covering** |

* Does not include abuse, neglect or tampering

** Replacing lens voids manufacturing IP rating



**Solution Series
HAND TOOLS**

**VISION PRO SUPER ILLUMINATOR
SINGLE TRI-POD STAND**

- Multi purpose tri-pod stand for any job
- Variable height adjustment from 34-7/8" high to 74-1/4" high
- Legs extend out 24" each for super stability to prevent from falling over
- Equipped with built in electrical cord rollup hooks and velcro lanyard strap for ease and safety when moving and storing the equipment
- PVC caps on legs prevent sliding and damage to delicate surfaces

| Code # | Description |
|------------|---|
| 800-0-0203 | Vision Pro Super Illuminator Single Tri-Pod Stand |
| 800-0-0206 | Replacement Upper Height Adjustment Collar |
| 800-0-0207 | Replacement Lower Height Adjustment Collar |
| 800-0-0208 | Replacement Upper Leg Collar |
| 800-0-0209 | Replacement Lower Leg Collar |



**VISION PRO SUPER ILLUMINATOR
PORTABLE STAND**

- Ergo padded comfort grip handle
- Simple dual thumb screw design allows the handle to rotate up to 90° for multiple desired light angles, safe storage and ease of operation
Handle dimensions: 7-3/4" X 11-1/2"
- Custom PVC pads on base prevent sliding and damage to delicate surfaces
Base dimensions 10-5/8" X 9-1/4"

| Code # | Description |
|------------|---|
| 800-0-0204 | Vision Pro Super Illuminator Portable Stand |



**VISION PRO SUPER ILLUMINATOR
MAGNETIC STAND**

- The unique design and 3 super strong magnets allow the user to attach either the AC or DC model Vision-Pro Super Illuminator lights to any metallic surface
- Simple thumb screw design allows for multiple desired light angles

| Code # | Description |
|------------|---|
| 800-0-0205 | Vision Pro Super Illuminator Magnetic Stand |



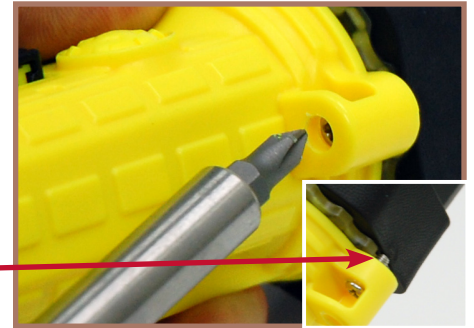
VISION PRO 4AA AQUAEXP WORK LIGHT

Intrinsically safe for use in hazardous locations

- Waterproof grade IP68 (Ingress Protection: Dust tight / 100% waterproof in depths to 39")
- Locking front cap prevents head from loosening or opening in hazardous places
- Compact, lightweight yet tough and durable casing with high impact lens
- Magnetic control switch with thumb operated lock
- Double o-ring design for a water tight seal
- 3 Light Modes: High/Low/Flash
- High-visibility yellow body
- High intensity LED

Certifications

Class I, Div 1&2, Grp A,B,C,D
 Class II, Div 1&2, Grp E,F,G
 Class III, Temp Code T4
 IECx UL 13.0060X
 Ex ia IIC T4



Screw set in locked position

Tighten screw to lock the cap and prevent inadvertant cap rotation or removal in hazardous environments.



Double o-ring seal

SPECIFICATIONS

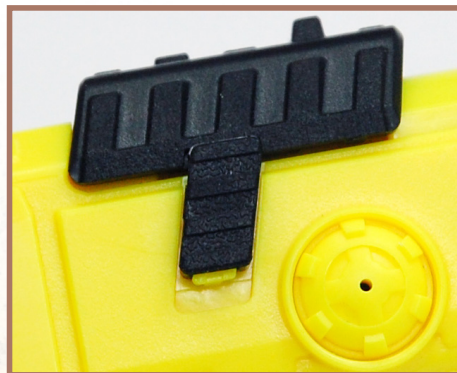
| | |
|---------------------|---------------------|
| Batteries | 4 AA (not included) |
| High Mode | 124 Lumen |
| Low Mode | 78 Lumen |

| Code # | Description |
|--------|-------------|
|--------|-------------|

| | |
|------------|------------------------------------|
| 210-6-1015 | Vision Pro 4AA AquaEXP Work Light |
| 210-6-1016 | Removable Waist Clip, not included |
| 210-7-0016 | "AA" (1.5V) Batteries |



Unlocked



Locked



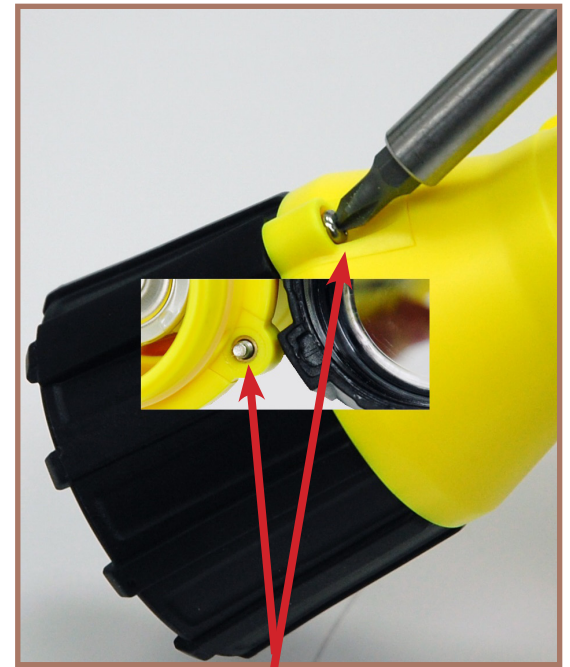
VISION PRO 3C AQUAEXP WORK LIGHT

Intrinsically safe for use in hazardous locations

- High intensity LED
- High-visibility yellow body
- Removable waist clip included
- Easy-to-use push button power switch
- Tough and durable casing with high impact lens
- Positioning clip allows user to attach light to belt, pocket, or tool bag
- Locking front cap prevents head from loosening or opening in hazardous places
- Waterproof grade IP68 (Ingress Protection: Dust tight / 100% waterproof in depths to 39")

Certifications

Class I Div 1&2 Grp A,B,C,D
 Class II Div 1&2 Grp E,F,G
 Class III Temp Code T4
 IECx UL 13.0008X
 Ex ia IIC T4



Tighten...to lock to prevent head from loosening or opening in hazardous places

SPECIFICATIONS

| | |
|-----------------|-------------------|
| Batteries | 3C (not included) |
| High Mode | 124 Lumen |
| Low Mode | 78 Lumen |

Code # Description

| | |
|------------|---|
| 210-6-1020 | Vision Pro 3C AquaEXP Work Light |
| 210-6-1022 | Magnetic / Screw Mountable Stand not included |
| 210-7-0014 | "C" Cell Batteries |
| 210-6-1016 | Waist Clip, Removable, included |



Magnetic / Screw Mountable Stand

VISION PRO POCKET LED FLOOD PEN

- 140 Lumens output is up to 20 times brighter than competitive lights
- Produces a floodlight wide angled beam
- Complete cool white LED beam with no hot or dark spots
- Super strong anti-rust anodized aluminum body
- Orange peel reflector produces a more uniform LED beam
- 2-feature tailcap switch: On-high / off and momentary for situations when just a flash of light is needed



140 Lumens

SPECIFICATIONS

Batteries 3 AAAA (not included)
LED 140 Lumens

| Code # | Description |
|------------|---|
| 210-6-1030 | Vision Pro 3AAAA Pocket LED Flood Pen |
| 210-9-0100 | AAAA Batteries, 6/pkg |
| 210-6-1033 | LED Inspection Kit - Vision Pro White; Vision Pro UV; 6 ea AAAA; Amber lens safety glasses |

VISION PRO ULTRA-VIOLET LED POCKET FLOOD PEN

- The perfect leak detection tool for any closed under pressure systems
- State of the art performance, 400nm in a compact pen design (water, hydraulic, motor oil and transmission fluid leak dyes are detectable @ 370-400nm)
- Price vs. performance, no need for expensive leak detection tools
- Produces a floodlight wide angled beam
- Complete cool ultra violet LED beam with no hot or dark spots
- O-ring sealed, water resistant to incidental water contact
- Super strong anti-rust anodized aluminum body
- Orange peel reflector produces a more uniform LED beam
- 2-Feature tail cap switch: on-high / off and momentary for situations when just a flash of U/V light is needed

* Warning: Wear 100% UVA blocking safety glasses when using this light. Direct Exposure to Ultra-Violet LED light can damage eyes. DO NOT look directly into the Ultra-Violet LED light or expose others to the Ultra-Violet LED light. Keep out of reach of Children.



Anti-Freeze Dye



Refrigerant Dye

Applications

- Bacteria and animal urine detection in food plants, kitchens, hospitals and health care facilities, schools, hotels and apartments
- Dye leak detection for air conditioning, automotive and hydraulic equipment
- U/V curing of inks, coatings and adhesives
- Hairline crack detection (weld dye penetrant testing)
- Verification and authentication of currency, gems, paintings, hand stamps and identification
- Document and lab analysis
- Crime scene investigations and hunting retrieval (detects blood and in dark environments)

SPECIFICATIONS

LED Ultra Violet / 400nm
Batteries 3 AAAA

| Code # | Description |
|------------|--|
| 210-6-1032 | Vision Pro 3AAAA Ultra-Violet LED Pocket Flood-Pen |
| 210-9-0100 | AAAA Batteries, 6/pkg |
| 800-6-3055 | Amber lens safety glasses |
| 210-6-1033 | LED Inspection Kit - Vision Pro White; Vision Pro UV; 6 ea AAAA; Amber lens safety glasses |



Flourescent Markers



Amber lens safety glasses

Work Lights

Solution Series **HAND TOOLS**

MINI-MOBILE LIGHT

An LED portable multi-function work light

- Ultra thin, lightweight and easy to carry
- The non-screw design of the back cover slides easily for assembly/ disassembly
- 24 super bright LED bulbs with an LED luminance of 18000mcd
- Universal AAA battery storage box; easily replace batteries by sliding the back cover
- Included multi-function light attachment makes it possible to place the light anywhere
- Super strong flush mounted magnet for attaching to metal surfaces allows for safe convenient storage on the inside of a tool box lid, on the side of the tool box, or inside any drawer
- Convenient flush mounted on/off switch is easily activated/deactivated with the flick of your thumb
- Easily carried in your pocket, tool pouch, mobile repair vehicle, and ATV
- Batteries not included



SPECIFICATIONS

| | |
|-----------------------------------|---|
| LED qty. | 24 Super bright LED's |
| Batteries | 3 AAA (not included) |
| Power | 1.5 W |
| Continuous working time | 20 hrs. |
| LED lifetime | 100,000 hrs. |
| LED luminous. | 18000mcd |
| LED color temperature: . . . | 6000-6500k (compares to the brightness) |



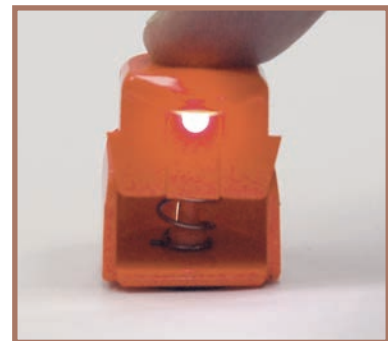
| Code # | Description |
|------------|-------------------|
| 800-0-0109 | Mini-Mobile Light |
| 210-7-0018 | "AAA" Batteries |

**Solution Series
HAND TOOLS**

VISION PRO PROTECT ALL MINI LED

- Ultra compact housing features a super bright 2 lumen LED light
- Twin lithium CR1225 batteries provide 30 hours of continuous use
- Durable weatherproof construction allows light to function even when submerged in water*
- Included adhesive strip and magnetic mounts provide hands-free illumination while working and allow for easy attachment to drywall, tile, concrete, metal, wood, plastic, cloth and much more
- Spring loaded housing directs light downward to the work area and away from eyes
- Perfect for illuminating breaker panels, work benches, tool boxes, drawers, first aid kits and for providing hands-free lighting while working and in emergency situations
- A must have for black-out situations

** Not designed for constant submersion in water*



Spring loaded housing allows for simple push down operation.

| Code # | Housing Color |
|------------|---------------------------------|
| 210-6-1010 | Black |
| 210-6-1011 | White |
| 210-6-1012 | Safety Orange |
| 210-6-1013 | 3 piece set (one of each color) |



Great for use in Kitchen Cabinet...



Tool Box...



and Fuse Box

**Solution Series
HAND TOOLS**

VISION PRO

4-function super bright, 2 AA handheld work light with 3-function pouch and wrist lanyard

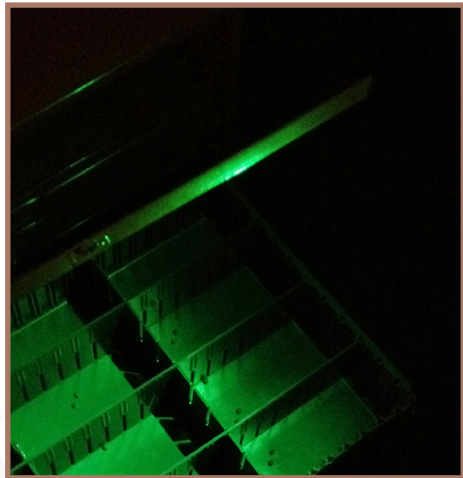
- Shockproof and weatherproof (dust and water resistant)
- LED bulb lifespan of 50,000 hours
- IPx4 moisture resistance rated (Ingress protection against water sprayed from all directions – limited ingress permitted)
- Brightness of up 180 lumens, lighting distance of up to 217 yards
- Wrist lanyard and a custom 3-function pouch included
- The 3-function pouch includes a typical belt loop for permanent attachment, a tear away belt loop for rapid removal, and a loop attachment for attaching to clips, carabineers, s-hooks, tool pouches, backpacks, fanny packs, purses, etc.
- Only takes 2 AA batteries
- The green LED does not spook wildlife



Serrated lens cap allows user to visually see that the flashlight is left on or off when placed down on the lens cap

SPECIFICATIONS

| | |
|---|--|
| Batteries | 2 AA (not included) |
| 5W 100% High mode | (200 lumens) Continual use time 2.5 hours, lighting distance 217 yards |
| 5W 30% Low mode (100 lumens) Continual use time 8 hours, lighting distance 87 yards | |
| 5W 50% Flash mode | (100 lumens) Continual use time 5 hours, lighting distance 108.5 yards |
| 3 100% Green LED mode | Continual use time 40 hours, lighting distance 16.25 yards |

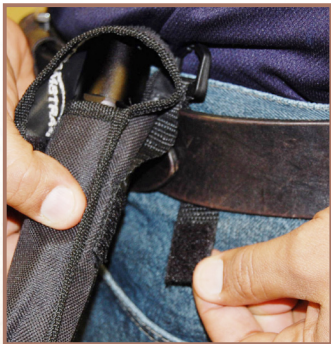


The green LED feature allows for night crews to work outside and does not attract flying insects as easily as the white LED lights

| Code # | Description |
|------------|---|
| 210-6-1000 | Vision Pro 2 AA work light with pouch |
| 210-6-1005 | Vision Pro Universal Flashlight Holster |
| 210-6-1003 | Tear Away Pouch for Vision Pro work light |
| 210-7-0016 | "AA" batteries |



*Vision Pro Universal Holster
210-6-1005
• 360° Swivel Clip
• 24 Position Rotation*



*Tear away belt loop for rapid removal
210-6-1003*

Solution Series HAND TOOLS

VISION PRO, 4-FUNCTION SUPER BRIGHT 3AAA HEADLAMP WITH ELASTIC HEADBAND

- Shockproof and weatherproof (dust and water resistant)
- LED bulb lifespan of 50,000 hours
- IP X 4 Rating moisture resistance rated (Ingress protection against water sprayed from all directions – limited ingress permitted)
- Brightness of up to 120 lumens, lighting distance of up to 130 yards
- Custom elastic strap headband, rubber hard hat strap and plastic hard hat clips included
- Only takes 3 AAA batteries
- The green LED does not spook wildlife

SPECIFICATIONS

| | |
|----------------------------------|--|
| Batteries | 3 AAA (not included) |
| 3W 100% High mode | (120 lumens) Continual use time 5 hours, lighting distance 108.33 yards |
| 3W 30% Low mode | (40 lumens) Continual use time 15 hours, lighting distance 43.33 yards |
| 3W 50% Flash mode | (60 lumens) Continual use time 10 hours, lighting distance 54.17 yards |
| 3W 100% Green LED mode | Continual use time 40 hours, lighting distance 16.25 yards |



LED Bulb



Hard hat clip

Code #

Description

| | |
|------------|--------------------------|
| 210-6-2000 | Vision Pro 3AAA headlamp |
| 210-7-0018 | AAA batteries |

**Always de-energize when working around energized equipment*

**Hardhat sold separately*



The green LED feature allows night crews to work outside and does not attract flying insects as easily as the white LED lights



Provides hands-free lighting for the worker when there is no place to put a light

**Solution Series
HAND TOOLS**

CLOUD 9 ANTI-FATIGUE MAT

- Made with durable closed cell foam that is waterproof and resistant to mold and mildew, it can be used on both wet and dry surfaces
- Easily wipes clean with soap and water and is resistant to oil, grease, hydraulic fluid and many chemicals
- Extra soft, shock absorbing construction provides comfort and protects knees when kneeling or working on the floor
- Non-bulky design with handle for easy transport and storage
- Perfect for plumbers, electricians, mechanics, building maintenance and repair technicians



| Code # | L X W X Thickness | Product |
|------------|--------------------|--------------------------|
| 800-4-0013 | 18" X 10 1/2" X 1" | Cloud 9 Anti-Fatigue Mat |

