



PLUMBING AND HVAC TOOLS

Here at Stanley[®] Proto[®] we pride ourselves on having a line that's broad enough to serve the most trades in the most industries. However, we also know that every trade has a particular set of tools that they need more than other users. Therefore we have assembled here in one place, the tools that plumbers and HVAC technicians need on the job every day.

It takes years of training and experience to master these trades, and the professionals who do so will accept only the most durable, most efficient tools. That's why Proto[®] tools are made to the highest quality standards. Our plumbing and HVAC lineup includes individual items such as wrenches and pliers, as well as master tool sets for each trade. The sets are made up of the most commonly used tools, including sockets, wrenches, pliers, screwdrivers, striking, cutting, and other tools designed to make workers more productive.

Our HVAC sets include starter, add-on, and basic tool sets that build on one another. Starter sets include the tools needed by everyone in that trade, and are perfect for someone who performs basic maintenance. The basic set is comprehensive and balanced enough to support any task, yet small enough that a technician can haul it from job to job. Users who purchase a starter set and then later get an add-on set will have automatically built the basic set.

All sets include a heavy duty Stanley[®] FaxMax[®] Xtreme[™] tool bag made from durable leather & 1200x1200 denier polyester, an injected polypropylene bottom to keep contents safe from the elements, and a rubber grip handle and padded straps to provide for extra comfort. Whether you're running pipe or ductwork, installing fixtures, or repairing an air conditioning compressor, you can always have your tools at your side.

Plumbing and HVAC

SET NO. JTS-0105HVAC - 105 PC. BASIC TOOL SET

- 105 Pieces.
- 3/8" Drive Tools.
- Designed for fastener sizes 3/8" - 7/8".
- Contains: 28 Sockets and Accessories, 26 Wrenches, 6 Striking and Struck Tools, 9 Pliers, 12 Screwdrivers, 24 Miscellaneous Tools.
- Weight: 40.36 lbs.



Phillips and Pozidrivare trademarks of Phillips Screw Company



Plumbing and HVAC



| Contents | Description |
|----------|--|
| 501500M | FatMax® Xtreme™ Open Tote - 22" |
| 10-788 | QuickChange™ Retractable Blade Utility Knife |
| 15-809 | Metal Mini Hacksaw |
| 20-001 | High Tension Low Profile Hacksaw 12" |
| 28-240 | Flex Nylon Handle 1-1/4" |
| 33-725 | FatMax® Tape Rule 1-1/4" x 25' |
| 43-609 | FatMax® Xtreme™ Torpedo Level - 9" |
| 54-016 | Hammer, Ball Pein Hickory 16 oz. |
| 65-903 | Screwdriver, Vinyl Grip Phillips® 3 PT x 3" |
| 66-095 | Screwdriver, Vinyl Grip |
| J1111 | Wrench Ratchet Refrigeration, 1/4" - 3/16" SQX9/1 |
| J1112 | Wrench Ratchet Refrigeration, 3/8" - 5/16" SQX1/4 |
| J1208A | Combination Wrench 12 pt. Satin Finish, 1/4" |
| J1210A | Wrench, Combination 5/16" 12 Pt. |
| J1212ASD | Wrench, Combination 3/8" 12 Pt. |
| J1214ASD | Wrench, Combination 7/16" 12 Pt. |
| J1216ASD | Wrench, Combination 1/2" 12 Pt. |
| J1218ASD | Wrench, Combination 9/16" 12 Pt. |
| J1220ASD | Wrench, Combination 5/8" 12 Pt. |
| J1222ASD | Wrench, Combination 11/16" 12 Pt. |
| J1224ASD | Wrench, Combination 3/4" 12 Pt. |
| J1226ASD | Wrench, Combination 13/16" 12 Pt. |
| J1228ASD | Wrench, Combination 7/8" 12 Pt. |
| J207G | Pliers, Diagonal Cutting 7-5/16" |
| J2108 | Holder, Punch and Chisel |
| J228G | Plier Needle Nose w/Grip |
| J2370 | Mirror Inspect Circle 7/8" |
| J240G | Plier Needle Nose Long Reach |
| J252G | Plier Hose Clamp w/Grip |
| J263SG | Pliers, Tongue and Groove 9-1/2" w/Grip |
| J276G | Pliers, Slip-Joint w/Grip |
| J291R | Pliers, Locking 7" Straight |
| J299 | Plier Wire Strippers |
| J350 | Tubing Cutter |
| J351V | V Block 351 Tubing Flaring |
| J351Y | Yoke For 351 Tubing Flaring |
| J413/8 | Punch, Center |
| J48018 | Punch Pin, 1/8" Super Duty |
| J48316 | Punch Pin, 3/16" Super Duty |
| J708G | Wrench Adjustable, 8" Grip |
| J712G | Wrench Adjustable, 12" Grip |
| J812HD | Wrench Pipe 12" |
| J86012 | Chisel, Cold 1/2" Super Duty |
| J86058 | Chisel, Cold 5/8" Super Duty |
| J9208H | Nut Driver, 1/4" Hollow Shaft |
| J9210H | Nut Driver, 5/16" Hollow Shaft |
| J9212H | Nut Driver, 3/8" Hollow Shaft |
| J9216H | Nut Driver, 1/2" Hollow Shaft |
| J3764 | Wrench, Flare Nut 3/8" x 7/16" 6 pt. |
| J3768 | Wrench, Flare Nut 1/2" x 9/16" 6 pt. |
| J3772 | Wrench, Flare Nut 5/8" x 11/16" 6 pt. |
| 66-090 | Vinyl Grip Standard Slotted Tip Screwdriver, 1/4" x 4" |

| Contents | Description |
|----------|--|
| 66-091 | Vinyl Grip Standard Slotted Tip Screwdriver 5/16" x 6" |
| 66-096 | Vinyl Grip Cabinet Slotted Tip Screwdriver 3/16" x 3" |
| 66-097 | Vinyl Grip Cabinet Slotted Tip Screwdriver 3/16" x 6" |
| 65-901 | Vinyl Grip Phillips® Tip Screwdriver 1 Pt. x 3" |
| 65-902 | Vinyl Grip Phillips® Tip Screwdriver 2 Pt. x 4" |
| J46103 | Hex Key, 0.050 Short Arm 2" |
| J46104 | Hex Key, 1/16" Short Arm 25" |
| J46105 | Hex Key, 5/64" Short Arm 25" |
| J46106 | Hex Key, 3/32" Short Arm 25" |
| J46107 | Hex Key, 7/64" Short Arm 25" |
| J46108 | Hex Key, 1/8" Short Arm 25" |
| J46109 | Hex Key, 9/64" Short Arm 25" |
| J46110 | Hex Key, 5/32" Short Arm 25" |
| J46112 | Hex Key, 3/16" Short Arm 25" |
| J46114 | Hex Key, 7/32" Short Arm 10" |
| J46116 | Hex Key, 1/4" Short Arm 10" |
| J46120 | Hex Key, 5/16" Short Arm 5" |
| J46124 | Hex Key, 3/8" Short Arm 5" |
| J7210PF | Socket 3/8" Dr. High Strength Magnetic Power 5/16" |
| J7212PF | Socket 3/8" Dr. High Strength Magnetic Power 3/8" |
| J7214PF | Socket 3/8" Dr. High Strength Magnetic Power 7/16" |
| J7216PF | Socket 3/8" Dr. High Strength Magnetic Power 1/2" |
| J7218PF | Socket 3/8" Dr. High Strength Magnetic Power 9/16" |
| J5012 | Socket 3/8" Dr. 3/8" 12 Pt. Deep |
| J5014 | Socket 3/8" Dr. 7/16" 12 Pt. Deep |
| J5016 | Socket 3/8" Dr. 1/2" 12 Pt. Deep |
| J5018 | Socket 3/8" Dr. 9/16" 12 Pt. Deep |
| J5020 | Socket 3/8" Dr. 5/8" 12 Pt. Deep |
| J5022 | Socket 3/8" Dr. 11/16" 12 Pt. Deep |
| J5024 | Socket 3/8" Dr. 3/4" 12 Pt. Deep |
| J5026 | Socket 3/8" Dr. 13/16" 12 Pt. Deep |
| J5028 | Socket 3/8" Dr. 7/8" 12 Pt. Deep |
| J5212 | Socket 3/8" Dr. 3/8" 12 Pt. |
| J5214 | Socket 3/8" Dr. 7/16" 12 Pt. |
| J5216 | Socket 3/8" Dr. 1/2" 12 Pt. |
| J5218 | Socket 3/8" Dr. 9/16" 12 Pt. |
| J5220 | Socket 3/8" Dr. 5/8" 12 Pt. |
| J5222 | Socket 3/8" Dr. 11/16" 12 Pt. |
| J5224 | Socket 3/8" Dr. 3/4" 12 Pt. |
| J5226 | Socket 3/8" Dr. 13/16" 12 Pt. |
| J5228 | Socket 3/8" Dr. 7/8" 12 Pt. |
| J5249 | Ratchet 3/8" Dr. |
| J5259 | Extension 3/8" Dr., 1-3/4" |
| J5260 | Extension 3/8" Dr. 3" |
| J5260-06 | Extension 3/8" Dr. 6" |
| J5270A | Joint, Universal 3/8" Dr. |
| J3812 | Wrench, Flare Nut Ratcheting 3/8" |
| J3814 | Wrench, Flare Nut Ratcheting 7/16" |
| J3816 | Wrench, Flare Nut Ratcheting 1/2" |
| J3818 | Wrench, Flare Nut Ratcheting 9/16" |
| J3820 | Wrench, Flare Nut Ratcheting 5/8" |
| J3822 | Wrench, Flare Nut Ratcheting 11/16" |
| J3824 | Wrench, Flare Nut Ratcheting 3/4" |

Plumbing and HVAC

SET NO. JTS-0070HVAC - 70 PC. STARTER TOOL SET

- 70 Pieces.
- Contains: 19 Wrenches, 6 Striking and Struck Tools, 9 Pliers, 12 Screwdrivers, 24 Miscellaneous Tools.
- Weight: 45 lbs.



Phillips and Pozidrivare trademarks of Phillips Screw Company



Plumbing and HVAC



| Contents | Description |
|----------|---|
| 501500M | FatMax® Xtreme™ Open Tote - 22" |
| 10-788 | QuickChange™ Retractable Blade Utility Knife |
| 15-809 | Metal Mini Hacksaw |
| 20-001 | High Tension Low Profile Hacksaw 12" |
| 28-240 | Flex Nylon Handle 1-1/4" |
| 33-725 | FatMax® Tape Rule 1-1/4" x 25' |
| 43-609 | FatMax® Xtreme™ Torpedo Level - 9" |
| 54-016 | Hammer, Ball Pein Hickory 16 oz. |
| 65-903 | Screwdriver, Vinyl Grip Phillips® 3 PT x 3" |
| 66-095 | Screwdriver, Vinyl Grip |
| J1111 | Wrench Ratchet Refrigeration, 1/4" - 3/16" SQX9/1 |
| J1112 | Wrench Ratchet Refrigeration, 3/8" - 5/16" SQX1/4 |
| J1208A | Combination Wrench 12 pt. Satin Finish, 1/4" |
| J1210A | Wrench, Combination 5/16" 12 Pt. |
| J1212ASD | Wrench, Combination 3/8" 12 Pt. |
| J1214ASD | Wrench, Combination 7/16" 12 Pt. |
| J1216ASD | Wrench, Combination 1/2" 12 Pt. |
| J1218ASD | Wrench, Combination 9/16" 12 Pt. |
| J1220ASD | Wrench, Combination 5/8" 12 Pt. |
| J1222ASD | Wrench, Combination 11/16" 12 Pt. |
| J1224ASD | Wrench, Combination 3/4" 12 Pt. |
| J1226ASD | Wrench, Combination 13/16" 12 Pt. |
| J1228ASD | Wrench, Combination 7/8" 12 Pt. |
| J207G | Pliers, Diagonal Cutting 7-5/16" |
| J2108 | Holder, Punch and Chisel |
| J228G | Plier Needle Nose w/Grip |
| J2370 | Mirror Inspect Circle 7/8" |
| J240G | Plier Needle Nose Long Reach |
| J252G | Plier Hose Clamp w/Grip |
| J263SG | Pliers, Tongue and Groove 9-1/2" w/Grip |
| J276G | Pliers, Slip-Joint w/Grip |
| J291R | Pliers, Locking 7" Straight |
| J299 | Plier Wire Strippers |
| J350 | Tubing Cutter |
| J351V | V Block 351 Tubing Flaring |

| Contents | Description |
|----------|--|
| J351Y | Yoke For 351 Tubing Flaring |
| J413/8 | Punch, Center |
| J48018 | Punch Pin, 1/8" Super Duty |
| J48316 | Punch Pin, 3/16" Super Duty |
| J708G | Wrench Adjustable, 8" Grip |
| J712G | Wrench Adjustable, 12" Grip |
| J812HD | Wrench Pipe 12" |
| J86012 | Chisel, Cold 1/2" Super Duty |
| J86058 | Chisel, Cold 5/8" Super Duty |
| J9208H | Nut Driver, 1/4" Hollow Shaft |
| J9210H | Nut Driver, 5/16" Hollow Shaft |
| J9212H | Nut Driver, 3/8" Hollow Shaft |
| J9216H | Nut Driver, 1/2" Hollow Shaft |
| 66-090 | Vinyl Grip Standard Slotted Tip Screwdriver, 1/4" x 4" |
| 66-091 | Vinyl Grip Standard Slotted Tip Screwdriver 5/16" x 6" |
| 66-096 | Vinyl Grip Cabinet Slotted Tip Screwdriver 3/16" x 3" |
| 66-097 | Vinyl Grip Cabinet Slotted Tip Screwdriver 3/16" x 6" |
| 65-901 | Vinyl Grip Phillips® Tip Screwdriver 1 Pt. x 3" |
| 65-902 | Vinyl Grip Phillips® Tip Screwdriver 2 Pt. x 4" |
| J46103 | Hex Key, 0.050 Short Arm 2" |
| J46104 | Hex Key, 1/16" Short Arm 25" |
| J46105 | Hex Key, 5/64" Short Arm 25" |
| J46106 | Hex Key, 3/32" Short Arm 25" |
| J46107 | Hex Key, 7/64" Short Arm 25" |
| J46108 | Hex Key, 1/8" Short Arm 25" |
| J46109 | Hex Key, 9/64" Short Arm 25" |
| J46110 | Hex Key, 5/32" Short Arm 25" |
| J46112 | Hex Key, 3/16" Short Arm 25" |
| J46114 | Hex Key, 7/32" Short Arm 10" |
| J46116 | Hex Key, 1/4" Short Arm 10" |
| J46120 | Hex Key, 5/16" Short Arm 5" |
| J46124 | Hex Key, 3/8" Short Arm 5" |
| J3764 | Wrench, Flare Nut 3/8" x 7/16" 6 pt. |
| J3768 | Wrench, Flare Nut 1/2" x 9/16" 6 pt. |
| J3772 | Wrench, Flare Nut 5/8" x 11/16" 6 pt. |

Plumbing and HVAC

SET NO. JTS-0035HVAC - 35 PC. ADD-ON

- 35 Pieces.
- 3/8" Drive Tools.
- Designed for fastener sizes 3/8" - 7/8".
- Tools only.
- Contains: 28 Sockets and Accessories, 7 Wrenches.
- Weight: 7 lbs.



| Contents | Description |
|----------|--|
| J7210PF | Socket 3/8" Dr. High Strength Magnetic Power 5/16" |
| J7212PF | Socket 3/8" Dr. High Strength Magnetic Power 3/8" |
| J7214PF | Socket 3/8" Dr. High Strength Magnetic Power 7/16" |
| J7216PF | Socket 3/8" Dr. High Strength Magnetic Power 1/2" |
| J7218PF | Socket 3/8" Dr. High Strength Magnetic Power 9/16" |
| J5012 | Socket 3/8" Dr. 3/8" 12 Pt. Deep |
| J5014 | Socket 3/8" Dr. 7/16" 12 Pt. Deep |
| J5016 | Socket 3/8" Dr. 1/2" 12 Pt. Deep |
| J5018 | Socket 3/8" Dr. 9/16" 12 Pt. Deep |
| J5020 | Socket 3/8" Dr. 5/8" 12 Pt. Deep |
| J5022 | Socket 3/8" Dr. 11/16" 12 Pt. Deep |
| J5024 | Socket 3/8" Dr. 3/4" 12 Pt. Deep |
| J5026 | Socket 3/8" Dr. 13/16" 12 Pt. Deep |
| J5028 | Socket 3/8" Dr. 7/8" 12 Pt. Deep |
| J5212 | Socket 3/8" Dr. 3/8" 12 Pt. |
| J5214 | Socket 3/8" Dr. 7/16" 12 Pt. |
| J5216 | Socket 3/8" Dr. 1/2" 12 Pt. |
| J5218 | Socket 3/8" Dr. 9/16" 12 Pt. |

| Contents | Description |
|----------|-------------------------------------|
| J5220 | Socket 3/8" Dr. 5/8" 12 Pt. |
| J5222 | Socket 3/8" Dr. 11/16" 12 Pt. |
| J5224 | Socket 3/8" Dr. 3/4" 12 Pt. |
| J5226 | Socket 3/8" Dr. 13/16" 12 Pt. |
| J5228 | Socket 3/8" Dr. 7/8" 12 Pt. |
| J5249 | Ratchet 3/8" Dr. |
| J5259 | Extension 3/8" Dr., 1-3/4" |
| J5260 | Extension 3/8" Dr. 3" |
| J5260-06 | Extension 3/8" Dr. 6" |
| J5270A | Joint, Universal 3/8" Dr. |
| J3812 | Wrench, Flare Nut Ratcheting 3/8" |
| J3814 | Wrench, Flare Nut Ratcheting 7/16" |
| J3816 | Wrench, Flare Nut Ratcheting 1/2" |
| J3818 | Wrench, Flare Nut Ratcheting 9/16" |
| J3820 | Wrench, Flare Nut Ratcheting 5/8" |
| J3822 | Wrench, Flare Nut Ratcheting 11/16" |
| J3824 | Wrench, Flare Nut Ratcheting 3/4" |

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Plumbing and HVAC



SET NO. JTS-0037PLUM - 37 PC. PLUMBER'S TOOL SET

- 37 Pieces.
- Contains: 10 Wrenches, 5 Striking and Struck Tools, 6 Pliers, 4 Screwdrivers, 12 Miscellaneous Tools.
- Enhanced version of Stanley® Proto® 90-731 Plumber's Tool Set.
- Weight: 41 lbs.



Contents Description

| | |
|---------|--|
| 14-563 | Snip, Aviation MaxSteel® Straight |
| 15-334 | Saw Sharptooth™ 15" 9 Pt. |
| 51-505 | Jacketed Graphite Nailing Hammer CC - 16 OZ. |
| 54-732 | Ball Pein Hammer Jacketed Graphite 32 Oz |
| J350 | Tubing Cutter |
| J351V | V Block 351 Tubing Flaring |
| J351Y | Yoke For 351 Tubing Flaring |
| J140-1 | Wrench Pipe Internal 1" |
| J140-12 | Wrench Pipe Internal 1/2" |
| J140-34 | Wrench Pipe Internal 3/4" |
| J140-38 | Wrench Pipe Internal 3/8" |
| J240G | Plier Needle Nose Long Reach |
| J263SG | Pliers, Tongue and Groove 9-1/2" w/Grip |
| J265SG | Pliers, Tongue and Groove 16" w/Grip |
| J276G | Pliers, Slip-Joint w/Grip |
| J294WR | Plier Locking Curved 7" w/Grip |
| J801 | Wrench, Chain |
| 20-001 | High Tension Low Profile Hacksaw 12" |
| 43-609 | FatMax® Xtreme™ Torpedo Level - 9" |

Contents Description

| | |
|---------|--|
| 15-809 | Metal Mini Hacksaw |
| 10-788 | QuickChange™ Retractable Blade Utility Knife |
| 16-286 | Cold Chisel - 3/8" |
| 16-287 | Cold Chisel - 1/2" |
| 16-288 | Cold Chisel - 5/8" |
| 95-112 | MaxLife™ 369™ Tripod Flashlight |
| 20-556 | FatMax® Jab Saw |
| J708L | Adjustable Wrench Clic-Stop® Chrome, 8" |
| J712L | Adjustable Wrench Clic-Stop® Chrome, 12" |
| J806HD | Wrench, Pipe Heavy Duty 6" |
| J810HD | Wrench, Pipe Heavy Duty 10" |
| J814HD | Wrench, Pipe Heavy Duty 14" |
| 33-725 | FatMax® Tape Rule 1-1/4" x 25' |
| 62-553 | Screwdriver Prodriver™ Std 1/4" x 4" |
| 62-555 | Screwdriver Prodriver™ Std 5/16" x 6" |
| 62-559 | Screwdriver Prodriver™ Phillips® 3"X#1 |
| 62-561 | Screwdriver Prodriver™ Phillips® 4"X#2 |
| 501500M | FatMax® Xtreme™ Open Tote - 22" |

Plumbing and HVAC


COMBINATION FLARE NUT WRENCHES

- Satin finish provides corrosion resistance and a slip-resistant grip.
- Flare nut box end incorporates the TorquePlus™ system.
- Proto® TorquePlus™ wrenches are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- The TorquePlus™ design is a high performance drive configuration which allows for quick and easy wrench engagement to the fastener flats, not the corners.
- The TorquePlus™ configuration employs a radius-corner design, shifting contact area and stress away from the fastener corners and distributing contact stresses over a large area of the flare nut box end, minimizing slippage.
- The TorquePlus™ internal design minimizes fastener rounding, helps to extend fastener life, and allows the user to more easily turn worn, rounded, or rusted fasteners.



COMBINATION FLARE NUT WRENCHES - 6 POINT




| Product ID No. |  in. | A | C | D | B1 | C1 | D1 | L | Weight lbs. | ASME Spec. |
|----------------|--|--------|---------|--------|--------|----------|--------|----------|-------------|---------------|
| J3751 | 3/8" | 19/64" | 25/32" | 11/32" | 7/16" | 51/64" | 23/65" | 5-11/16" | 0.12 lbs. | ASME B107.100 |
| J3752 | 7/16" | 23/64" | 7/8" | 3/8" | 33/64" | 59/64" | 13/32" | 6-1/32" | 0.16 lbs. | ASME B107.100 |
| J3753 | 1/2" | 25/64" | 31/32" | 3/8" | 19/32" | 1-1/32" | 13/32" | 6-7/16" | 0.21 lbs. | ASME B107.100 |
| J3754 | 9/16" | 26/64" | 1-3/64" | 7/16" | 43/64" | 1-11/64" | 15/32" | 6-15/16" | 0.34 lbs. | ASME B107.100 |
| J3755 | 5/8" | 33/64" | 1-3/32" | 7/16" | 47/64" | 1-9/64" | 15/32" | 7-5/8" | 0.45 lbs. | ASME B107.100 |
| J3756 | 11/16" | 9/16" | 1-3/16" | 1/2" | 51/64" | 1-13/32" | 17/32" | 8-11/16" | 0.45 lbs. | ASME B107.100 |
| J3757 | 3/4" | 9/16" | 1-7/32" | 1/2" | 57/64" | 1-9/16" | 17/32" | 9-3/16" | 0.49 lbs. | ASME B107.100 |

COMBINATION FLARE NUT WRENCHES - 12 POINT

- 12 point flare nut box end allows for fine indexing, helping to improve speed and access.
- Fits 4, 6 and 12 point fasteners.



| Product ID No. |  in. | A | C | D | B1 | C1 | D1 | L | Weight lbs. | ASME Spec. |
|----------------|---|--------|---------|--------|--------|----------|--------|----------|-------------|---------------|
| J3751T | 3/8" | 19/64" | 25/32" | 11/32" | 7/16" | 51/64" | 3/8" | 5-11/16" | 0.13 lbs. | ASME B107.100 |
| J3752T | 7/16" | 23/64" | 7/8" | 3/8" | 33/64" | 58/64" | 13/32" | 6-1/32" | 0.18 lbs. | ASME B107.100 |
| J3753T | 1/2" | 25/64" | 31/32" | 3/8" | 19/32" | 1-1/32" | 13/32" | 6-7/16" | 0.19 lbs. | ASME B107.100 |
| J3754T | 9/16" | 29/64" | 1-3/64" | 7/16" | 43/64" | 1-3/64" | 15/32" | 6-15/16" | 0.25 lbs. | ASME B107.100 |
| J3755T | 5/8" | 33/64" | 1-3/32" | 7/16" | 47/64" | 1-19/64" | 15/32" | 7-5/8" | 0.32 lbs. | ASME B107.100 |
| J3756T | 11/16" | 9/16" | 1-3/16" | 1/2" | 51/64" | 1-13/32" | 17/32" | 8-11/16" | 0.42 lbs. | ASME B107.100 |
| J3757T | 3/4" | 9/16" | 1-7/32" | 1/2" | 57/64" | 1-9/16" | 17/32" | 9-3/16" | 0.46 lbs. | ASME B107.100 |



Plumbing and HVAC



DOUBLE END FLARE NUT WRENCHES

- Satin finish provides corrosion resistance and a slip resistant grip.
- Flare nut box end incorporates the TorquePlus™ system.
- Proto® TorquePlus™ wrenches are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- The TorquePlus™ design is a high performance drive configuration which allows for quick and easy wrench engagement to the fastener flats, not the corners.
- The TorquePlus™ configuration employs a radius-corner design, shifting contact area and stress away from the fastener corners and distributing contact stresses over a large area of the flare nut box end, minimizing slippage.
- The TorquePlus™ internal design minimizes fastener rounding, helps to extend fastener life, and allows the user to more easily turn worn, rounded, or rusted fasteners.



DOUBLE END FLARE NUT WRENCHES - 6 POINT



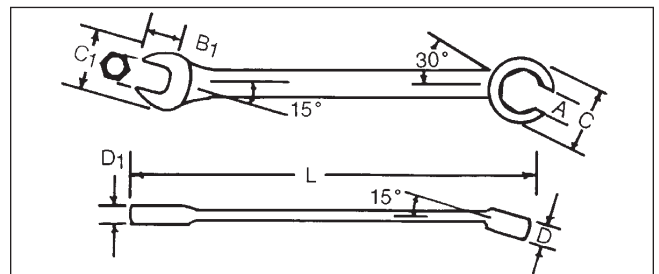
| Product ID No. | in. | A | C | D | A1 | C1 | D1 | L | Weight lbs. | ASME Spec. |
|----------------|---------------|--------|---------|--------|--------|----------|--------|--------|-------------|------------|
| J3764 | 3/8" x 7/16" | 19/64" | 51/64" | 11/32" | 23/64" | 57/64" | 3/8" | 6-1/4" | 0.16 lbs. | B107.100 |
| J3768 | 1/2" x 9/16" | 25/64" | 31/32" | 3/8" | 13/32" | 1-3/64" | 7/16" | 7-1/2" | 0.26 lbs. | B107.100 |
| J3772 | 5/8" x 11/16" | 33/64" | 1-7/64" | 7/16" | 37/64" | 1-13/64" | 31/64" | 8-3/4" | 0.37 lbs. | B107.100 |

DOUBLE END FLARE NUT WRENCHES - 12 POINT

- 12 point flare nut box end allows for fine indexing, helping to improve speed and access.
- Fits 4, 6 and 12 point fasteners.



| Product ID No. | in. | A | C | D | A1 | C1 | D1 | L | Weight lbs. | ASME Spec. |
|----------------|---------------|--------|---------|--------|--------|----------|--------|--------|-------------|------------|
| J3764T | 3/8" x 7/16" | 19/64" | 51/64" | 11/32" | 23/64" | 57/64" | 3/8" | 6-1/4" | 0.18 lbs. | B107.100 |
| J3768T | 1/2" x 9/16" | 25/64" | 31/32" | 3/8" | 13/32" | 1-1/16" | 7/16" | 7-1/2" | 0.27 lbs. | B107.100 |
| J3772T | 5/8" x 11/16" | 33/64" | 1-7/64" | 7/16" | 37/64" | 1-13/64" | 31/64" | 8-3/4" | 0.38 lbs. | B107.100 |



Plumbing and HVAC

METRIC DOUBLE END FLARE NUT WRENCHES - 6 POINT

METRIC


- Satin finish provides corrosion resistance and a slip resistant grip.
- Flare nut box end incorporates the TorquePlus™ system.
- Proto® TorquePlus™ wrenches are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- The TorquePlus™ design is a high performance drive configuration which allows for quick and easy wrench engagement to the fastener flats, not the corners.
- The TorquePlus™ configuration employs a radius-corner design, shifting contact area and stress away from the fastener corners and distributing contact stresses over a large area of the flare nut box end, minimizing slippage.
- The TorquePlus™ internal design minimizes fastener rounding, helps to extend fastener life, and allows the user to more easily turn worn, rounded, or rusted fasteners.



SET NO. J3700M - 5 PC. METRIC DOUBLE END FLARE NUT WRENCH SET - 6 POINT

METRIC

- Weight: 1.25 lbs.


| Product ID No. | Contents |  mm | Length |
|----------------|----------|---|--------|
| J3700M | J3707M | 7 x 8 | 144.5 |
| | J3709M | 9 x 11 | 160.3 |
| | J3710M | 10 x 12 | 176.3 |
| | J3713M | 13 x 14 | 192.0 |
| | J3715M | 15 x 17 | 203.0 |
| | J25TR06C | Tool Roll | |



METRIC DOUBLE END FLARE NUT WRENCHES - 6 POINT

METRIC



| Product ID No. |  mm | | | | | | | | Weight | |
|----------------|--|------|------|------|------|------|------|-------|-----------|---------------|
| | | A | C | D | A1 | C1 | D1 | L | lbs. | ASME Spec. |
| J3707M | 7 x 8 | 5.6 | 17.2 | 7.5 | 5.9 | 18.9 | 8.3 | 144.5 | 0.12 lbs. | ASME B107.100 |
| J3709M | 9 x 11 | 7.1 | 20.7 | 9.2 | 8.9 | 23.2 | 10.0 | 160.3 | 0.17 lbs. | ASME B107.100 |
| J3710M | 10 x 12 | 7.1 | 22.0 | 10.0 | 8.9 | 24.4 | 10.0 | 176.3 | 0.22 lbs. | ASME B107.100 |
| J3713M | 13 x 14 | 9.6 | 25.7 | 10.0 | 11.2 | 27.6 | 11.7 | 192.0 | 0.26 lbs. | ASME B107.100 |
| J3715M | 15 x 17 | 11.2 | 28.2 | 11.7 | 12.8 | 30.0 | 12.5 | 203.0 | 0.37 lbs. | ASME B107.100 |
| J3716M | 16 x 18 | 12.8 | 28.8 | 11.7 | 14.5 | 31.2 | 13.2 | 223.8 | 0.39 lbs. | ASME B107.100 |
| J3719M | 19 x 21 | 14.5 | 32.5 | 14.0 | 16.0 | 34.9 | 14.7 | 238.1 | 0.60 lbs. | ASME B107.100 |



Plumbing and HVAC



METRIC DOUBLE END FLARE NUT WRENCHES - 12 POINT

METRIC


- Satin finish provides corrosion resistance and a slip resistant grip.
- 12 point flare nut box end allows for fine indexing, helping to improve speed and access.
- Fits 4, 6 and 12 point fasteners.
- Flare box ends incorporates the TorquePlus™ system.
- Proto® TorquePlus™ wrenches are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- The TorquePlus™ design is a high performance drive configuration which allows for quick and easy wrench engagement to the fastener flats, not the corners.
- The TorquePlus™ configuration employs a radius-corner design, shifting contact area and stress away from the fastener corners and distributing contact stresses over a large area of the flare nut box end, minimizing slippage.
- The TorquePlus™ internal design minimizes fastener rounding, helps to extend fastener life, and allows the user to more easily turn worn, rounded, or rusted fasteners.
- Weight: 1.29 lbs.



SET NO. J3700MT - 5 PC. METRIC DOUBLE END FLARE NUT WRENCH SET - 12 POINT

METRIC

- Weight: 1.29 lbs.


| Product ID No. | Contents |  mm | Length |
|----------------|----------|---|--------|
| J3700MT | J3707MT | 7 x 8 | 144.5 |
| | J3709MT | 9 x 11 | 160.3 |
| | J3710MT | 10 x 12 | 176.3 |
| | J3713MT | 13 x 14 | 192.0 |
| | J3715MT | 15 x 17 | 203.0 |
| | J25TR06C | Tool Roll | |



METRIC DOUBLE END FLARE NUT WRENCHES - 12 POINT

METRIC




| Product ID No. |  mm | | | | | | | | Weight | | ASME Spec. |
|----------------|--|------|------|------|------|------|------|-------|-----------|---------------|------------|
| | | A | C | D | A1 | C1 | D1 | L | lbs. | | |
| J3707MT | 7 x 8 | 5.7 | 17.2 | 7.5 | 5.9 | 18.9 | 8.3 | 144.5 | 0.11 lbs. | ASME B107.100 | |
| J3709MT | 9 x 11 | 7.1 | 20.7 | 9.2 | 8.9 | 23.2 | 10.0 | 160.3 | 0.16 lbs. | ASME B107.100 | |
| J3710MT | 10 x 12 | 7.1 | 22.0 | 10.0 | 8.9 | 24.4 | 10.0 | 176.3 | 0.21 lbs. | ASME B107.100 | |
| J3713MT | 13 x 14 | 9.6 | 25.7 | 10.0 | 11.2 | 27.6 | 11.7 | 192.0 | 0.24 lbs. | ASME B107.100 | |
| J3715MT | 15 x 17 | 11.2 | 28.2 | 11.7 | 12.8 | 30.0 | 12.5 | 203.0 | 0.33 lbs. | ASME B107.100 | |
| J3716MT | 16 x 18 | 12.8 | 28.8 | 11.7 | 14.5 | 31.2 | 13.2 | 223.8 | 0.36 lbs. | ASME B107.100 | |
| J3719MT | 19 x 21 | 14.5 | 32.5 | 14.0 | 16.0 | 34.9 | 14.7 | 239.7 | 0.39 lbs. | ASME B107.100 | |

Plumbing and HVAC

SET NO. J3800A - 7 PC. RATCHETING FLARE NUT WRENCH SET - 12 POINT

- Non-reflective ProtoBlack™ finish for use where non-plated products are required.
- 12 Point flare nut box end allows for fine indexing, helping to improve speed and access.
- Pivoting head allows user to place the wrench over the connected pipes to reach the fastener.
- Weight: 1.93 lbs.




| Product ID No. | Contents |  in. | Length |
|----------------|-----------|---|---------|
| J3800A | J3812 | 3/8" | 5-7/16" |
| | J3814 | 7/16" | 5-7/16" |
| | J3816 | 1/2" | 5-7/16" |
| | J3818 | 9/16" | 7-1/4" |
| | J3820 | 5/8" | 7-1/4" |
| | J3822 | 11/16" | 7-1/4" |
| | J3824 | 3/4" | 7-1/4" |
| J25TR03C | Tool Roll | | |

RATCHETING FLARE NUT WRENCHES - 12 POINT

- Non-reflective ProtoBlack™ finish for use where non-plated products are required.
- 12 Point flare nut box end allows for fine indexing, helping to improve speed and access.
- Pivoting head allows user to place the wrench over the connected pipes to reach the fastener.



| Product ID No. |  in. | D | E | L | Weight lbs. |
|----------------|---|----------|-------|---------|-------------|
| J3812 | 3/8" | 1" | 9/32" | 5-7/16" | 0.17 lbs. |
| J3814 | 7/16" | 1" | 9/32" | 5-7/16" | 0.17 lbs. |
| J3816 | 1/2" | 1" | 9/32" | 5-7/16" | 0.17 lbs. |
| J3818 | 9/16" | 1-5/16" | 3/8" | 7-1/4" | 0.31lbs. |
| J3820 | 5/8" | 1-5/16" | 3/8" | 7-1/4" | 0.31lbs. |
| J3822 | 11/16" | 1-5/16" | 3/8" | 7-1/4" | 0.31 lbs. |
| J3824 | 3/4" | 1-5/16" | 3/8" | 7-1/4" | 0.31 lbs. |
| J3826 | 13/16" | 1-11/16" | 7/16" | 9-3/8" | 0.58 lbs. |
| J3828 | 7/8" | 1-11/16" | 7/16" | 9-3/8" | 0.58 lbs. |
| J3830 | 15/16" | 1-11/16" | 1/2" | 9-3/8" | 0.58 lbs. |
| J3832 | 1" | 1-11/16" | 1/2" | 9-3/8" | 0.58 lbs. |

Plumbing and HVAC



UNIVERSAL CHAIN WRENCH

- Satin finish provides corrosion resistance and a slip resistant grip.
- Fits any shape pipe.
- Forged steel handle has deep milled teeth.
- Chain capacity rating: 6,200 lbs.

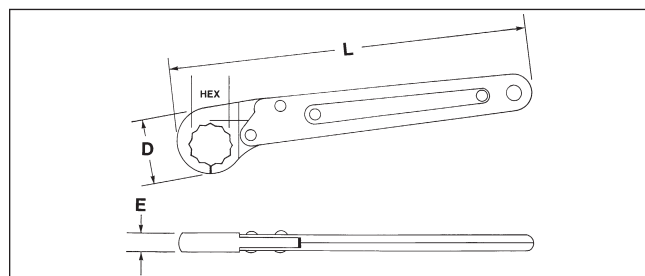
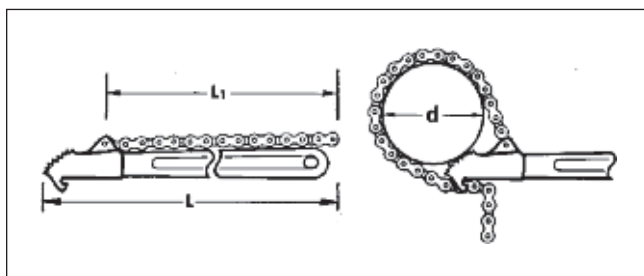
| Product ID No. | Length | Pipe Capacity of Diameter | Weight lbs. |
|----------------|---------|---------------------------|-------------|
| J801 | 16 1/2" | 7/8" to 4" | 2.33 lbs. |



UNIVERSAL CHAIN WRENCH REPAIR KIT

- Fits any shape pipe.
- Chain capacity rating: 6,200 lbs.

| Product ID No. | Weight lbs. |
|----------------|-------------|
| J801RK | 0.73 lbs. |



Plumbing and HVAC

PIPE WRENCHES - HEAVY-DUTY

- Forged steel jaw provides maximum strength.
- Full floating hook jaw, provides instant grip, easy release.
- Large knurl and power threads provide fast, positive jaw adjustment.



| Product ID No. | Max. | L | Weight lbs. |
|----------------|--------|-----|-------------|
| J806HD | 3/4" | 6" | 0.45 lbs. |
| J808HD | 1" | 8" | 0.80 lbs. |
| J810HD | 1-1/2" | 10" | 1.76 lbs. |
| J812HD | 2" | 12" | 2.66 lbs. |
| J814HD | 2" | 14" | 3.76 lbs. |
| J818HD | 3-1/2" | 18" | 5.82 lbs. |
| J824HD | 4" | 24" | 9.58 lbs. |
| J836HD | 5" | 36" | 19.32 lbs. |
| J848HD | 6" | 48" | 35.36 lbs. |

PIPE WRENCH PARTS

- Replacement parts for heavy duty pipe wrenches.

| Product ID No. | Handle, Heel Jaw, & Pin Assemble | Weight lbs. | Hook Jaw | Weight lbs. | Heel Jaw & Pin | Weight lbs. | Coil & Flat Spring | Weight lbs. | Knurl | Weight lbs. |
|---------------------|----------------------------------|-------------|----------|-------------|----------------|-------------|--------------------|-------------|-------|-------------|
| J806HD Parts | J806H | 0.33 lbs. | J806B | 0.11 lbs. | J806C | 0.02 lbs. | J806E | 0.01 lbs. | J806D | 0.03 lbs. |
| J808HD Parts | J808H | 0.61 lbs. | J808B | 0.23 lbs. | J808C | 0.04 lbs. | J808E | 0.01 lbs. | J808D | 0.03 lbs. |
| J810HD Parts | J810H | 1.20 lbs. | J810B | 0.45 lbs. | J810C | 0.08 lbs. | J810E | 0.01 lbs. | J810D | 0.07 lbs. |
| J812HD Parts | J812H | 1.97 lbs. | J812B | 0.68 lbs. | J812C | 0.15 lbs. | J812E | 0.02 lbs. | J812D | 0.09 lbs. |
| J814HD Parts | J814H | 2.79 lbs. | J814B | 0.97 lbs. | J814C | 0.15 lbs. | J814E | 0.03 lbs. | J814D | 0.11 lbs. |
| J818HD Parts | J818H | 4.09 lbs. | J818B | 1.57 lbs. | J818C | 0.23 lbs. | J818E | 0.04 lbs. | J818D | 0.18 lbs. |
| J824HD Parts | J824H | 7.35 lbs. | J824B | 2.36 lbs. | J824C | 0.32 lbs. | J824E | 0.06 lbs. | J824D | 0.31 lbs. |
| J836HD Parts | J836H | 14.40 lbs. | J836B | 4.37 lbs. | J836C | 0.58 lbs. | J836E | 0.07 lbs. | J836D | 0.47 lbs. |
| J848HD Parts | J848H | 28.05 lbs. | J848B | 7.3 lbs. | J848C | 0.72 lbs. | J848E | 0.11 lbs. | J848D | 0.68 lbs. |



Plumbing and HVAC



SET NO. J349 - TUBING CUTTING AND FLARING SET

- Cuts tubing from 1/8" through 1-1/8" O.D. and puts 45° flare on tubing 3/16" through 5/8"
- Weight: 4.4 lbs.

| Product ID No. | Contents | Description |
|----------------|---------------------------------|---|
| J349 | J350 J351V J351Y J4029 | Tubing Cutter Flaring Block Flaring Yoke Steel Storage Box |



REFRIGERATION RATCHETING BOX WRENCH

- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Designed for servicing automotive, commercial, and residential air conditioners, refrigeration units and freezers.
- Hex openings are used for packing gland fittings, mounting bolts, clutch bolts, tubing fittings, dust cap nuts and oil check plugs.
- Square openings are used on male service valves, plug fittings, compressor valves and refrigerant charging tanks.



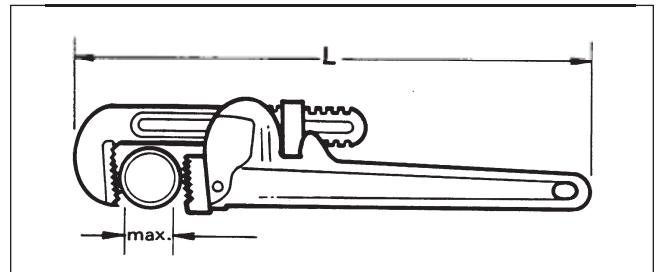
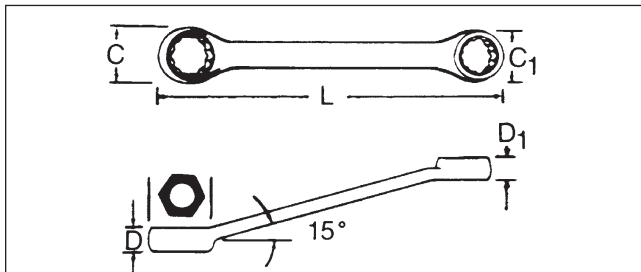
| Product ID No. | □ in. | □ in. | L | Weight lbs. |
|----------------|----------------|-----------------|--------|-------------|
| J1111 | 1/4"-3/16" Sq. | 9/16"-1/2" Hex. | 6-3/4" | 0.35 lbs. |
| J1112 | 3/8"-5/16" Sq. | 1/4"-3/16" Hex. | 5-1/2" | 0.25 lbs. |

TUBING CUTTER

- Cuts metal tubing from 1/8" through 1-1/8" O.D. quickly and cleanly.
- Features heat treated alloy steel cutting blade, special rollers and heavy-duty screw mounted in durable steel frame.
- Large screw-knob and retractable tubing reamer



| Product ID No. | Diameter Dial | Weight lbs. |
|----------------|---------------|-------------|
| J350 | 350c | 0.82 lbs. |



Plumbing and HVAC

TUBING FLARING TOOL

- A complete flaring tool for tubing 3/16" through 5/8" O.D.
- Includes multiple hole 45° V-block and flaring yoke with hardened, polished, ball-bearing mounted cone.
- Ideal for use on copper tubing; not recommended for use on steel applications

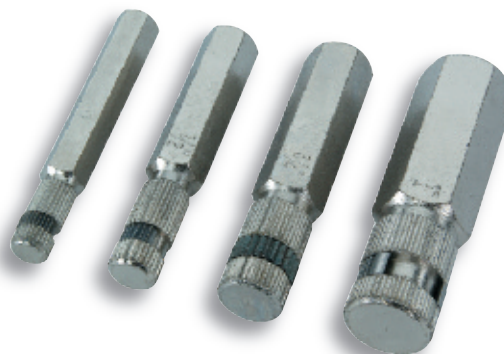
| Product ID No. | V-Blocks Only | Yoke Only | Weight lbs. |
|----------------|---------------|-----------|-------------|
| J351 | 351V | 351Y | 2.13 lbs. |



SET NO. J140SET - 4 PIECE INTERNAL PIPE WRENCH SET

- Ideal for removing broken threaded pipe ends, plugs, and fittings.
- Installation and removal without thread damage.
- Eccentric cam action engages wrench against the walls of the pipe.
- Hex body allows for use of adjustable wrench for added torque.
- Made from hardened steel and plated to help prevent rust.
- Weight: 1.95 lbs.

| Product ID No. | Contents | Description | Length |
|----------------|----------|-------------|--------|
| J140SET | J140-38 | 3/8" | 3-3/4" |
| | J140-34 | 3/4" | 3-3/4" |
| | J140-12 | 1/2" | 3-3/4" |
| | J140-1 | 1" | 3-3/4" |



INTERNAL PIPE WRENCHES

| Product ID No. | Description | Weight lbs. |
|----------------|-------------|-------------|
| J140-38 | 3/8" | 0.21 lbs. |
| J140-34 | 3/4" | 0.49 lbs. |
| J140-12 | 1/2" | 0.32 lbs. |
| J140-1 | 1" | 0.85 lbs. |

