

## SOCKETS, DRIVE TOOLS, AND ACCESSORIES

The ratchet and socket combination is one of the most useful and versatile items in any toolbox, and Proto has been working to make it even more so. A case in point is our new and innovative Proto<sup>®</sup> Ratchet, a precision pear-head tool that packs ease of use and high torque carrying capacity into a compact design. This low-profile tool is perfect for technicians who need to turn fasteners in tight spaces. The ratchet includes a reversing lever that's easy to use with one hand, and a contoured, easy-to-grip handle with knurled bands that let even sweaty hands keep a tight grip.

To make the ratchet more versatile, we recently introduced a full line of spline sockets. The spline socket/fastener system offers more strength in a smaller profile than conventional fasteners, making it common on military equipment and commercial aircraft. But spline sockets can also be used on 4, 6, and 12 point fasteners. That's because the spline socket / fastener system lets the user apply more torque without damaging the tool or the fastener head. When used on conventional fasteners, these sockets' geometric profile moves the torque load away from the fastener corners, transferring it over a broader surface area.

Even our standard sockets are designed for the toughest jobs. All Proto<sup>®</sup> hand sockets incorporate the TorquePlus<sup>™</sup>

wrenching system. The TorquePlus<sup>™</sup> design is a high performance drive configuration which allows for quick and easy socket engagement to the fastener flats, not the corners. The configuration employs a radius-corner design, shifting contact area and stresses over a large area of the socket, minimizing slippage. The internal design of the TorquePlus<sup>™</sup> minimizes fastener rounding, helps to extend fastener life, and allows the user to more easily turn worn, rounded, or rusted fasteners.

Proto's line includes drive tools ranging from 1/4 in. to 1 in. drive that can accommodate socket sizes from 1/16 in. thru 3-1/2 in. and from 2mm to 60mm. Sockets come in standard and deep lengths. Standard length sockets are more suited for close, confined areas, while deep sockets will accommodate nuts where bolts protrude or to access a fastener in a recessed area.

We also make a range of specialty tools: aerospace, spud, scaffolding, and utility ratchets; speeders T-Handles, extensions, adapters, and non-ratcheting drive tools. Our bolt extractor sockets ease the pain of removing rusted, rounded, or otherwise imperfect nuts and bolts by threading onto the damaged fastener. This low-profile tool easily slips into tight spaces, and can be worked with a variety of wrenches.

# PRODUCT FEATURES AND BENEFITS

## CONVENTIONAL RATCHETS

- Available in pear head and round head designs for different applications.
- Diamond knurled handle provides a comfortable, non-slip grip.
- Made from high carbon alloy steel.
- External surfaces are ground, polished, and buffed to a mirror finish.
- Nickel chrome plating protects the tool against rust and corrosion.

## TORQUEPLUS™

- Engagement to the fastener flats, not the corners.
- Minimizes slippage.
- Helps minimize fastener rounding.
- Helps extend fastener life.
- Turns worn, rounded and rusted fasteners more easily.

## PROTO® RATCHET

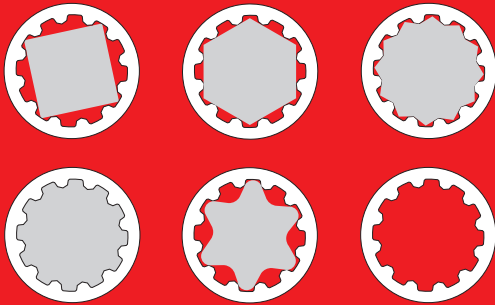
- Small pear head encloses a 45 tooth gear mechanism.
- Small head and 8-degree arc swing for easier access to tight spaces.
- Gears provide high torque-carrying capacity while maintaining an 8 degree articulation angle.
- Low-profile reversing lever makes the tool easy to use with one hand.
- Contoured, easy-to-grip handle features knurled bands for increased slip resistance.
- For users that need more leverage, an extra long handle is available for the 1/2 in. drive model.



STANLEY  
**PROTO**®

## SPLINE SOCKETS

- High strength in a compact profile.
- Standard depth and deep sockets are available in the three smaller drive sizes - 1/4", 3/8", and 1/2".
- Can be used on spline fasteners, as well as on 4, 6, 8 or 12 point fasteners.
- Can be used to loosen partially rounded hex fasteners.
- Standard depth and deep sockets available.
- Made from high quality alloy steel.



*Versatile usages on 4pt, 6pt, 12pt, spline, female Torx® fastener and slightly rounded fasteners*

## SAFETY TIPS

- Use safety goggles. Serious eye injury is possible.
- Pull ratchets toward you. Do not push.
- Do not use extenders or cheater bars on ratchets.
- Do not strike the ratchet head or handle.
- Maintain your balance.
- Prevent slipping. Keep tools clean.
- Disconnect electricity when working on electrical parts.



## CROWFOOT

- Locking hole helps hold crowfoot in place during use.
- Use with Proto locking extensions to help prevent tool loss in awkward locations.
- Tight tolerance – snug fit on fasteners.
- Open end Crowfoots feature Proto® Anti-Slip Design (ASD).



# Sockets, Drive Tools, Accessories



## SET NO. J47120 - 1/4" DRIVE 37 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 5.79 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J47120</b>	J4706	Socket 1/4" Dr. 3/16" 6 Pt.	ASME B107.1
	J4707	Socket 1/4" Dr. 7/32" 6 Pt.	ASME B107.1
	J4708	Socket 1/4" Dr. 1/4" 6 Pt.	ASME B107.1
	J4709	Socket 1/4" Dr. 9/32" 6 Pt.	ASME B107.1
	J4710	Socket 1/4" Dr. 5/16" 6 Pt.	ASME B107.1
	J4711	Socket 1/4" Dr. 11/32" 6 Pt.	ASME B107.1
	J4712	Socket 1/4" Dr. 3/8" 6 Pt.	ASME B107.1
	J4714	Socket 1/4" Dr. 7/16" 6 Pt.	ASME B107.1
	J4716	Socket 1/4" Dr. 1/2" 6 Pt.	ASME B107.1
	J4718	Socket 1/4" Dr. 9/16" 6 Pt.	ASME B107.1
	J4706L	Socket 1/4" Dr. 3/16" 6 Pt. Deep	ASME B107.1
	J4707L	Socket 1/4" Dr. 7/32" 6 Pt. Deep	ASME B107.1
	J4708L	Socket 1/4" Dr. 1/4" 6 Pt. Deep	ASME B107.1
	J4709L	Socket 1/4" Dr. 9/32" 6 Pt. Deep	ASME B107.1
	J4710L	Socket 1/4" Dr. 5/16" 6 Pt. Deep	ASME B107.1
	J4711L	Socket 1/4" Dr. 11/32" 6 Pt. Deep	ASME B107.1
	J4712L	Socket 1/4" Dr. 3/8" 6 Pt. Deep	ASME B107.1
	J4714L	Socket 1/4" Dr. 7/16" 6 Pt. Deep	ASME B107.1





Product ID No.	Contents	Description	ASME Spec.
J4716L		Socket 1/4" Dr. 1/2" 6 Pt. Deep	ASME B107.1
J4718L		Socket 1/4" Dr. 9/16" 6 Pt. Deep	ASME B107.1
J4708S		Socket 1/4" Dr. 1/4" 8 Pt.	ASME B107.1
J4710S		Socket 1/4" Dr. 5/16" 8 Pt.	ASME B107.1
J4712S		Socket 1/4" Dr. 3/8" 8 Pt.	ASME B107.1
J4737		Socket Bit 1/4" Dr. #1 Phillips®	
J4738		Socket Bit 1/4" Dr. # 2 Phillips®	
J4743		Socket Bit 1/4" Dr. Slotted	
J4744		Socket Bit 1/4" Dr. Slotted	
J4745		Socket Bit 1/4" Dr. Slotted	
J4749		Ratchet 1/4" Dr.	ASME B107.10M
J4759		Extension 1/4" Dr. 2"	ASME B107.10M
J4760		Extension 1/4" Dr. 3"	ASME B107.10M
J4761		Extension 1/4" Dr. 6"	ASME B107.10M
J4765		Extension, Flex 1/4" Dr. 6"	ASME B107.10M
J4766		Handle, Hinge 1/4" Dr. 5-3/4"	ASME B107.10M
J4769		Socket Driver 1/4" Dr.	ASME B107.10M
J4770A		Socket 1/4" Dr. Universal Joint 6 Pt.	ASME B107.10M
J4785		Handle, Sliding T 1/4" Dr.	ASME B107.10M
J5298		Tool Box	

# Sockets, Drive Tools, Accessories

## SET NO. J47116 - 1/4" DRIVE 25 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 4.08 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J47116</b>	J4706	Socket 1/4" Dr. 3/16" 6 Pt.	ASME B107.1
	J4707	Socket 1/4" Dr. 7/32" 6 Pt.	ASME B107.1
	J4708	Socket 1/4" Dr. 1/4" 6 Pt.	ASME B107.1
	J4709	Socket 1/4" Dr. 9/32" 6 Pt.	ASME B107.1
	J4710	Socket 1/4" Dr. 5/16" 6 Pt.	ASME B107.1
	J4711	Socket 1/4" Dr. 11/32" 6 Pt.	ASME B107.1
	J4712	Socket 1/4" Dr. 3/8" 6 Pt.	ASME B107.1
	J4714	Socket 1/4" Dr. 7/16" 6 Pt.	ASME B107.1
	J4716	Socket 1/4" Dr. 1/2" 6 Pt.	ASME B107.1
	J4718	Socket 1/4" Dr. 9/16" 6 Pt.	ASME B107.1
	J4706L	Socket 1/4" Dr. 3/16" 6 Pt. Deep	ASME B107.1
	J4707L	Socket 1/4" Dr. 7/32" 6 Pt. Deep	ASME B107.1
	J4708L	Socket 1/4" Dr. 1/4" 6 Pt. Deep	ASME B107.1
	J4709L	Socket 1/4" Dr. 9/32" 6 Pt. Deep	ASME B107.1
	J4710L	Socket 1/4" Dr. 5/16" 6 Pt. Deep	ASME B107.1
	J4711L	Socket 1/4" Dr. 11/32" 6 Pt. Deep	ASME B107.1
	J4712L	Socket 1/4" Dr. 3/8" 6 Pt. Deep	ASME B107.1
	J4714L	Socket 1/4" Dr. 7/16" 6 Pt. Deep	ASME B107.1
	J4716L	Socket 1/4" Dr. 1/2" 6 Pt. Deep	ASME B107.1
	J4718L	Socket 1/4" Dr. 9/16" 6 Pt. Deep	ASME B107.1
	J4749	Ratchet 1/4" Dr.	ASME B107.10M
	J4759	Extension 1/4" Dr. 2"	ASME B107.10M
	J4761	Extension 1/4" Dr. 6"	ASME B107.10M
	J4769	Socket Driver 1/4" Dr.	ASME B107.10M
	J4770A	Socket 1/4" Dr. Universal Joint 6 Pt.	ASME B107.10M
	J5297	Tool Box	



## SET NO. J47114 - 1/4" DRIVE 19 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 2.76 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J47114</b>	J4706	Socket 1/4" Dr. 3/16" 6 Pt.	ASME B107.1
	J4707	Socket 1/4" Dr. 7/32" 6 Pt.	ASME B107.1
	J4708	Socket 1/4" Dr. 1/4" 6 Pt.	ASME B107.1
	J4709	Socket 1/4" Dr. 9/32" 6 Pt.	ASME B107.1
	J4710	Socket 1/4" Dr. 5/16" 6 Pt.	ASME B107.1
	J4711	Socket 1/4" Dr. 11/32" 6 Pt.	ASME B107.1
	J4712	Socket 1/4" Dr. 3/8" 6 Pt.	ASME B107.1
	J4714	Socket 1/4" Dr. 7/16" 6 Pt.	ASME B107.1
	J4716	Socket 1/4" Dr. 1/2" 6 Pt.	ASME B107.1
	J4718	Socket 1/4" Dr. 9/16" 6 Pt.	ASME B107.1
	J4708S	Socket 1/4" Dr. 1/4" 8 Pt.	ASME B107.1
	J4710S	Socket 1/4" Dr. 5/16" 8 Pt.	ASME B107.1
	J4712S	Socket 1/4" Dr. 3/8" 8 Pt.	ASME B107.1
	J4749	Ratchet 1/4" Dr.	ASME B107.10M
	J4759	Extension 1/4" Dr. 2"	ASME B107.10M
	J4761	Extension 1/4" Dr. 6"	ASME B107.10M
	J4766	Handle, Hinge 1/4" Dr. 5-3/4"	ASME B107.10M
	J4769	Socket Driver 1/4" Dr.	ASME B107.10M
	J4770A	Socket 1/4" Dr. Universal Joint 6 Pt.	ASME B107.10M
	J5299	Metal Tool Box	

# Sockets, Drive Tools, Accessories



## SET NO. J47112 - 1/4" DRIVE 15 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 2.73 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J47112</b>	J4706	Socket 1/4" Dr. 3/16" 6 Pt.	ASME B107.1
	J4707	Socket 1/4" Dr. 7/32" 6 Pt.	ASME B107.1
	J4708	Socket 1/4" Dr. 1/4" 6 Pt.	ASME B107.1
	J4709	Socket 1/4" Dr. 9/32" 6 Pt.	ASME B107.1
	J4710	Socket 1/4" Dr. 5/16" 6 Pt.	ASME B107.1
	J4711	Socket 1/4" Dr. 11/32" 6 Pt.	ASME B107.1
	J4712	Socket 1/4" Dr. 3/8" 6 Pt.	ASME B107.1
	J4714	Socket 1/4" Dr. 7/16" 6 Pt.	ASME B107.1
	J4716	Socket 1/4" Dr. 1/2" 6 Pt.	ASME B107.1
	J4718	Socket 1/4" Dr. 9/16" 6 Pt.	ASME B107.1
	J4749	Ratchet 1/4" Dr.	ASME B107.10M
	J4759	Extension 1/4" Dr. 2"	ASME B107.10M
	J4761	Extension 1/4" Dr. 6"	ASME B107.10M
	J4769	Socket Driver 1/4" Dr.	ASME B107.10M
	J4770A	Socket 1/4" Dr. Universal Joint 6 Pt.	ASME B107.10M
	J5299	Metal Tool Box	





## SET NO. J47108 - 1/4" DRIVE 12 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 1.62 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J47108</b>	J4706	Socket 1/4" Dr. 3/16" 6 Pt.	ASME B107.1
	J4707	Socket 1/4" Dr. 7/32" 6 Pt.	ASME B107.1
	J4708	Socket 1/4" Dr. 1/4" 6 Pt.	ASME B107.1
	J4709	Socket 1/4" Dr. 9/32" 6 Pt.	ASME B107.1
	J4710	Socket 1/4" Dr. 5/16" 6 Pt.	ASME B107.1
	J4711	Socket 1/4" Dr. 11/32" 6 Pt.	ASME B107.1
	J4712	Socket 1/4" Dr. 3/8" 6 Pt.	ASME B107.1
	J4714	Socket 1/4" Dr. 7/16" 6 Pt.	ASME B107.1
	J4716	Socket 1/4" Dr. 1/2" 6 Pt.	ASME B107.1
	J4718	Socket 1/4" Dr. 9/16" 6 Pt.	ASME B107.1
	J4749	Ratchet 1/4" Dr.	ASME B107.10M
	J4769	Socket Driver 1/4" Dr.	ASME B107.10M
J4795	Set Box		

# Sockets, Drive Tools, Accessories



## SET NO. J47106 - 1/4" DRIVE 10 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 0.48 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J47106</b>	J4706	Socket 1/4" Dr. 3/16" 6 Pt.	ASME B107.1
	J4707	Socket 1/4" Dr. 7/32" 6 Pt.	ASME B107.1
	J4708	Socket 1/4" Dr. 1/4" 6 Pt.	ASME B107.1
	J4709	Socket 1/4" Dr. 9/32" 6 Pt.	ASME B107.1
	J4710	Socket 1/4" Dr. 5/16" 6 Pt.	ASME B107.1
	J4711	Socket 1/4" Dr. 11/32" 6 Pt.	ASME B107.1
	J4712	Socket 1/4" Dr. 3/8" 6 Pt.	ASME B107.1
	J4714	Socket 1/4" Dr. 7/16" 6 Pt.	ASME B107.1
	J4716	Socket 1/4" Dr. 1/2" 6 Pt.	ASME B107.1
	J4718	Socket 1/4" Dr. 9/16" 6 Pt.	ASME B107.1
	J2584	Socket Bar 6-1/4"	
	J2590	Socket Clips	



## SET NO. J47118 - 1/4" DRIVE 25 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 4.12 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J47118</b>	J4706T	Socket, 1/4" Dr. 3/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4707T	Socket, 1/4" Dr. 7/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4708T	Socket, 1/4" Dr. 1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4709T	Socket, 1/4" Dr. 9/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4710T	Socket, 1/4" Dr. 5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4711T	Socket, 1/4" Dr. 11/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4712T	Socket, 1/4" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4714T	Socket, 1/4" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4716T	Socket, 1/4" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4718T	Socket, 1/4" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4706LT	Socket, 1/4" Dr. 3/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4707LT	Socket, 1/4" Dr. 7/32" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4708LT	Socket, 1/4" Dr. 1/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4709LT	Socket, 1/4" Dr. 9/32" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4710LT	Socket, 1/4" Dr. 5/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4711LT	Socket, 1/4" Dr. 11/32" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4712LT	Socket, 1/4" Dr. 3/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4714LT	Socket, 1/4" Dr. 7/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4716LT	Socket, 1/4" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4718LT	Socket, 1/4" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4749	Ratchet 1/4" Dr.	ASME B107.10M	
	J4759	Extension 1/4" Dr. 2"	ASME B107.10M	AS 4283
	J4761	Extension 1/4" Dr. 6"	ASME B107.10M	AS 4283
	J4769	Socket Driver 1/4" Dr.	ASME B107.10M	
	J4770A	Socket 1/4" Dr. Universal Joint 6 Pt.	ASME B107.10M	
	J5297	Tool Box		

# Sockets, Drive Tools, Accessories



## SET NO. J47110 - 1/4" DRIVE 12 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 1.64 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J47710</b>	J4706T	Socket, 1/4" Dr. 3/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4707T	Socket, 1/4" Dr. 7/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4708T	Socket, 1/4" Dr. 1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4709T	Socket, 1/4" Dr. 9/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4710T	Socket, 1/4" Dr. 5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4711T	Socket, 1/4" Dr. 11/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4712T	Socket, 1/4" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4714T	Socket, 1/4" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4716T	Socket, 1/4" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4718T	Socket, 1/4" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4749	Ratchet 1/4" Dr.	ASME B107.10M	
	J4769	Socket Driver 1/4" Dr.	ASME B107.10M	
	J4795	Metal Box		





## SET NO. J47104 - 1/4" DRIVE 10 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 0.42 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J47104</b>	J4706T	Socket, 1/4" Dr. 3/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4707T	Socket, 1/4" Dr. 7/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4708T	Socket, 1/4" Dr. 1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4709T	Socket, 1/4" Dr. 9/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4710T	Socket, 1/4" Dr. 5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4711T	Socket, 1/4" Dr. 11/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4712T	Socket, 1/4" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4714T	Socket, 1/4" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4716T	Socket, 1/4" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4718T	Socket, 1/4" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
J2584	Socket Bar 6-1/4"			
J2590	Socket Clips			

# Sockets, Drive Tools, Accessories



## SET NO. J47206 - 1/4" DRIVE 29 PC. METRIC SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 4.21 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J47206</b>	J4704M	Socket, 1/4" Dr. 4 mm 6 Pt.	ASME B107.5M
	J4705M	Socket, 1/4" Dr. 5 mm 6 Pt.	ASME B107.5M
	J47055M	Socket, 1/4" Dr. 5.5 mm 6 Pt.	ASME B107.5M
	J4706M	Socket, 1/4" Dr. 6 mm 6 Pt.	ASME B107.5M
	J4707M	Socket, 1/4" Dr. 7 mm 6 Pt.	ASME B107.5M
	J4708M	Socket, 1/4" Dr. 8 mm 6 Pt.	ASME B107.5M
	J4709M	Socket, 1/4" Dr. 9 mm 6 Pt.	ASME B107.5M
	J4710M	Socket, 1/4" Dr. 10 mm 6 Pt.	ASME B107.5M
	J4711M	Socket, 1/4" Dr. 11 mm 6 Pt.	ASME B107.5M
	J4712M	Socket, 1/4" Dr. 12 mm 6 Pt.	ASME B107.5M
	J4713M	Socket, 1/4" Dr. 13 mm 6 Pt.	ASME B107.5M
	J4714M	Socket, 1/4" Dr. 14 mm 6 Pt.	ASME B107.5M
	J4704LM	Socket, 1/4" Dr. 4 mm Deep 6 Pt.	ASME B107.5M
	J4705LM	Socket, 1/4" Dr. 5 mm Deep 6 Pt.	ASME B107.5M
	J47055LM	Socket, 1/4" Dr. 5.5 mm Deep 6 Pt.	ASME B107.5M
	J4706LM	Socket, 1/4" Dr. 6 mm Deep 6 Pt.	ASME B107.5M
	J4707LM	Socket, 1/4" Dr. 7 mm Deep 6 Pt.	ASME B107.5M
	J4708LM	Socket, 1/4" Dr. 8 mm Deep 6 Pt.	ASME B107.5M
	J4709LM	Socket, 1/4" Dr. 9 mm Deep 6 Pt.	ASME B107.5M
	J4710LM	Socket, 1/4" Dr. 10 mm Deep 6 Pt.	ASME B107.5M
	J4711LM	Socket, 1/4" Dr. 11 mm Deep 6 Pt.	ASME B107.5M
	J4712LM	Socket, 1/4" Dr. 12 mm Deep 6 Pt.	ASME B107.5M
	J4713LM	Socket, 1/4" Dr. 13 mm Deep 6 Pt.	ASME B107.5M
	J4714LM	Socket, 1/4" Dr. 14 mm Deep 6 Pt.	ASME B107.5M
	J4749	Ratchet 1/4" Dr.	ASME B107.10M
	J4759	Extension 1/4" Dr. 2"	ASME B107.10M
	J4761	Extension 1/4" Dr. 6"	ASME B107.10M
	J4769	Socket Driver 1/4" Dr.	ASME B107.10M
	J4770A	Socket 1/4" Dr. Universal Joint 6 Pt.	ASME B107.10M
	J5297	Tool Box	



## SET NO. J47204 - 1/4" DRIVE 17 PC. METRIC SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 2.58 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J47204</b>	J4704M	Socket, 1/4" Dr. 4 mm 6 Pt.	ASME B107.5M
	J4705M	Socket, 1/4" Dr. 5 mm 6 Pt.	ASME B107.5M
	J47055M	Socket, 1/4" Dr. 5.5 mm 6 Pt.	ASME B107.5M
	J4706M	Socket, 1/4" Dr. 6 mm 6 Pt.	ASME B107.5M
	J4707M	Socket, 1/4" Dr. 7 mm 6 Pt.	ASME B107.5M
	J4708M	Socket, 1/4" Dr. 8 mm 6 Pt.	ASME B107.5M
	J4709M	Socket, 1/4" Dr. 9 mm 6 Pt.	ASME B107.5M
	J4710M	Socket, 1/4" Dr. 10 mm 6 Pt.	ASME B107.5M
	J4711M	Socket, 1/4" Dr. 11 mm 6 Pt.	ASME B107.5M
	J4712M	Socket, 1/4" Dr. 12 mm 6 Pt.	ASME B107.5M
	J4713M	Socket, 1/4" Dr. 13 mm 6 Pt.	ASME B107.5M
	J4714M	Socket, 1/4" Dr. 14 mm 6 Pt.	ASME B107.5M
	J4749	Ratchet 1/4" Dr.	ASME B107.10M
	J4759	Extension 1/4" Dr. 2"	ASME B107.10M
	J4761	Extension 1/4" Dr. 6"	ASME B107.10M
	J4769	Socket Driver 1/4" Dr.	ASME B107.10M
	J4770A	Socket 1/4" Dr. Universal Joint 6 Pt.	ASME B107.10M
	J5299	Metal Tool Box	

# Sockets, Drive Tools, Accessories



## SET NO. J47200 - 1/4" DRIVE 12 PC. METRIC SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 0.58 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J47200</b>	J4704M	Socket, 1/4" Dr. 4 mm 6 Pt.	ASME B107.5M
	J4705M	Socket, 1/4" Dr. 5 mm 6 Pt.	ASME B107.5M
	J47055M	Socket, 1/4" Dr. 5.5 mm 6 Pt.	ASME B107.5M
	J4706M	Socket, 1/4" Dr. 6 mm 6 Pt.	ASME B107.5M
	J4707M	Socket, 1/4" Dr. 7 mm 6 Pt.	ASME B107.5M
	J4708M	Socket, 1/4" Dr. 8 mm 6 Pt.	ASME B107.5M
	J4709M	Socket, 1/4" Dr. 9 mm 6 Pt.	ASME B107.5M
	J4710M	Socket, 1/4" Dr. 10 mm 6 Pt.	ASME B107.5M
	J4711M	Socket, 1/4" Dr. 11 mm 6 Pt.	ASME B107.5M
	J4712M	Socket, 1/4" Dr. 12 mm 6 Pt.	ASME B107.5M
	J4713M	Socket, 1/4" Dr. 13 mm 6 Pt.	ASME B107.5M
	J4714M	Socket, 1/4" Dr. 14 mm 6 Pt.	ASME B107.5M
	J2585	Socket Bar 9"	
	J2590	Socket Clips	





## SET NO. J47201 - 1/4" DRIVE 11 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 0.56 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J47201</b>	J4705TM	Socket, 1/4" Dr. 5 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J47055TM	Socket, 1/4" Dr. 5.5 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J4706TM	Socket, 1/4" Dr. 6 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J4707TM	Socket, 1/4" Dr. 7 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J4708TM	Socket, 1/4" Dr. 8 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J4709TM	Socket, 1/4" Dr. 9 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J4710TM	Socket, 1/4" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J4711TM	Socket, 1/4" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J4712TM	Socket, 1/4" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J4713TM	Socket, 1/4" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J4714TM	Socket, 1/4" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J2585	Socket Bar 9"		
	J2590	Socket Clips		

# Sockets, Drive Tools, Accessories



## SET NO. J47102 - 1/4" DRIVE 10 PC. DEEP SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 0.87 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J47102</b>	J4706L	Socket 1/4" Dr. 3/16" 6 Pt. Deep	ASME B107.1
	J4707L	Socket 1/4" Dr. 7/32" 6 Pt. Deep	ASME B107.1
	J4708L	Socket 1/4" Dr. 1/4" 6 Pt. Deep	ASME B107.1
	J4709L	Socket 1/4" Dr. 9/32" 6 Pt. Deep	ASME B107.1
	J4710L	Socket 1/4" Dr. 5/16" 6 Pt. Deep	ASME B107.1
	J4711L	Socket 1/4" Dr. 11/32" 6 Pt. Deep	ASME B107.1
	J4712L	Socket 1/4" Dr. 3/8" 6 Pt. Deep	ASME B107.1
	J4714L	Socket 1/4" Dr. 7/16" 6 Pt. Deep	ASME B107.1
	J4716L	Socket 1/4" Dr. 1/2" 6 Pt. Deep	ASME B107.1
	J4718L	Socket 1/4" Dr. 9/16" 6 Pt. Deep	ASME B107.1
	J2584	Socket Bar 6-1/4"	
	J2590	Socket Clips	



## SET NO. J47202 - 1/4" DRIVE 12 PC. METRIC DEEP SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 1.1 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J47202</b>	J4704LM	Socket, 1/4" Dr. 4 mm Deep 6 Pt.	ASME B107.5M
	J4705LM	Socket, 1/4" Dr. 5 mm Deep 6 Pt.	ASME B107.5M
	J47055LM	Socket, 1/4" Dr. 5.5 mm Deep 6 Pt.	ASME B107.5M
	J4706LM	Socket, 1/4" Dr. 6 mm Deep 6 Pt.	ASME B107.5M
	J4707LM	Socket, 1/4" Dr. 7 mm Deep 6 Pt.	ASME B107.5M
	J4708LM	Socket, 1/4" Dr. 8 mm Deep 6 Pt.	ASME B107.5M
	J4709LM	Socket, 1/4" Dr. 9 mm Deep 6 Pt.	ASME B107.5M
	J4710LM	Socket, 1/4" Dr. 10 mm Deep 6 Pt.	ASME B107.5M
	J4711LM	Socket, 1/4" Dr. 11 mm Deep 6 Pt.	ASME B107.5M
	J4712LM	Socket, 1/4" Dr. 12 mm Deep 6 Pt.	ASME B107.5M
	J4713LM	Socket, 1/4" Dr. 13 mm Deep 6 Pt.	ASME B107.5M
	J4714LM	Socket, 1/4" Dr. 14 mm Deep 6 Pt.	ASME B107.5M
	J2585	Socket Bar 9"	
	J2590	Socket Clips	

# Sockets, Drive Tools, Accessories



## SET NO. J47100 - 1/4" DRIVE 10 PC. DEEP SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 0.79 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J47100</b>	J4706LT	Socket, 1/4" Dr. 3/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4707LT	Socket, 1/4" Dr. 7/32" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4708LT	Socket, 1/4" Dr. 1/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4709LT	Socket, 1/4" Dr. 9/32" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4710LT	Socket, 1/4" Dr. 5/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4711LT	Socket, 1/4" Dr. 11/32" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4712LT	Socket, 1/4" Dr. 3/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4714LT	Socket, 1/4" Dr. 7/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4716LT	Socket, 1/4" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J4718LT	Socket, 1/4" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J2584	Socket Bar 6-1/4"		
	J2590	Socket Clips		





## SET NO. J47203 - 1/4" DRIVE 11 PC. METRIC DEEP SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 1.03 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J47203</b>	J4705LTM	Socket, 1/4" Dr. 5 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J47055LTM	Socket, 1/4" Dr. 5.5 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J4706LTM	Socket, 1/4" Dr. 6 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J4707LTM	Socket, 1/4" Dr. 7 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J4708LTM	Socket, 1/4" Dr. 8 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J4709LTM	Socket, 1/4" Dr. 9 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J4710LTM	Socket, 1/4" Dr. 10 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J4711LTM	Socket, 1/4" Dr. 11 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J4712LTM	Socket, 1/4" Dr. 12 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J4713LTM	Socket, 1/4" Dr. 13 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J4714LTM	Socket, 1/4" Dr. 14 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J2585	Socket Bar 9"		
	J2590	Socket Clips		

# Sockets, Drive Tools, Accessories



## SET NO. J47107 - 1/4" DRIVE 9 PC. UNIVERSAL SOCKET SET - 12 POINT

- Universal Sockets permit turning at angles up to 65° where obstructions may prevent a straight pattern.
- Proto® 12 Point Sockets 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 socket 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 socket, 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: 0.47 lbs.

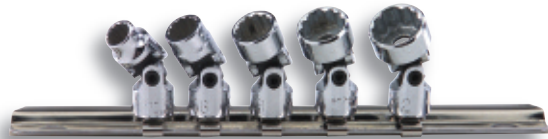


Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J47107</b>	J4770T	Socket, Universal 1/4" Dr. 7/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4771T	Socket, Universal 1/4" Dr. 1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4777T	Socket, Universal 1/4" Dr. 9/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4772T	Socket, Universal 1/4" Dr. 5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4778T	Socket, Universal 1/4" Dr. 11/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4773T	Socket, Universal 1/4" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4774T	Socket, Universal 1/4" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4775T	Socket, Universal 1/4" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J4776T	Socket, Universal 1/4" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J2584	Socket Bar 6-1/4"		
	J2590	Socket Clips		



## SET NO. J47105 - 1/4" DRIVE 5 PC. UNIVERSAL SOCKET SET - 12 POINT

- Universal Sockets permit turning at angles up to 65° where obstructions may prevent a straight pattern.
- Proto® 12 Point Sockets 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 socket 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 socket, 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: 0.32 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.	
<b>J47105</b>	J4771T	Socket, Universal 1/4" Dr. 1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1	
	J4772T	Socket, Universal 1/4" Dr. 5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1	
	J4773T	Socket, Universal 1/4" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1	
	J4774T	Socket, Universal 1/4" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1	
	J4775T	Socket, Universal 1/4" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1	
	J2584	Socket Bar 6-1/4"			
	J2590	Socket Clips			

# Sockets, Drive Tools, Accessories



## SET NO. J47205 - 1/4" DRIVE 12 PC. METRIC UNIVERSAL SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 0.67 lbs.




Product ID No.	Contents	Description	ASME Spec.
<b>J47205</b>	J4805M	Socket, 1/4" Dr. 5 mm 6 Pt. Universal	ASME B107.5M
	J48055M	Socket, 1/4" Dr. 5.5 mm 6 Pt. Universal	ASME B107.5M
	J4806M	Socket, 1/4" Dr. 6 mm 6 Pt. Universal	ASME B107.5M
	J4807M	Socket, 1/4" Dr. 7 mm 6 Pt. Universal	ASME B107.5M
	J4808M	Socket, 1/4" Dr. 8 mm 6 Pt. Universal	ASME B107.5M
	J4809M	Socket, 1/4" Dr. 9 mm 6 Pt. Universal	ASME B107.5M
	J4810M	Socket, 1/4" Dr. 10 mm 6 Pt. Universal	ASME B107.5M
	J4811M	Socket, 1/4" Dr. 11 mm 6 Pt. Universal	ASME B107.5M
	J4812M	Socket, 1/4" Dr. 12 mm 6 Pt. Universal	ASME B107.5M
	J4813M	Socket, 1/4" Dr. 13 mm 6 Pt. Universal	ASME B107.5M
	J4814M	Socket, 1/4" Dr. 14 mm 6 Pt. Universal	ASME B107.5M
	J4815M	Socket, 1/4" Dr. 15 mm 6 Pt. Universal	ASME B107.5M
	J2585	Socket Bar 9"	
	J2590	Socket Clips	



## SET NO. J4770-11 - 1/4" DRIVE 11 PC. HEX BIT SET

- Proto® bits and accessories are offered in a broad range to accommodate industrial applications.
- Weight: 0.64 lbs.


Product ID No.	Contents	 in.
<b>J4770-11</b>	J4770 1/16	1/16"
	J4770 5/64	5/64"
	J4770 7/64	7/64"
	J4770 3/32	3/32"
	J4770 1/8	1/8"
	J4770 9/64	9/64"
	J4770 5/32	5/32"
	J4770 3/16	3/16"
	J4770 7/32	7/32"
	J4770 1/4	1/4"
	J4770 5/16	5/16"
J2584	Socket Bar 6-1/4"	
J2590	Socket Clips	



## SET NO. J4770-6 - 1/4" DRIVE 6 PC. METRIC HEX BIT SET

**M**ETRIC

- Proto® bits and accessories are offered in a broad range to accommodate industrial applications.
- Weight: 0.41 lbs.

Product ID No.	Contents	 mm
<b>J4770-6</b>	J47702M	2 mm
	J477025M	2.5 mm
	J47703M	3 mm
	J47704M	4 mm
	J47705M	5 mm
	J47706M	6 mm
J2584	Socket Bar 6-1/4"	
J2590	Socket Clips	






# Sockets, Drive Tools, Accessories



## SET NO. J4739C - 1/4" DRIVE 6 PC. TORX® BIT SET

- Not for use on impact applications.
- Weight: 0.38 lbs.


Product ID No.	Contents	
<b>J4739C</b>	J4739-10W	T10
	J4739-15W	T15
	J4739-20W	T20
	J4739-25W	T25
	J4739-27W	T27
	J4739-30W	T30
	J2584	Socket Bar 6-1/4"
J2590	Socket Clips	



## 1/4" DRIVE STANDARD LENGTH SOCKETS - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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.



Product ID No.	 in.	B	C	D	E	L	Weight lbs.	ASME Spec.
<b>J4704</b>	1/8"	1/4"	5/32"	15/32"	11/32"	7/8"	0.02 lbs.	ASME B107.1
<b>J4705</b>	5/32"	17/64"	31/64"	11/64"	11/32"	7/8"	0.03 lbs.	ASME B107.1
<b>J4706</b>	3/16"	5/16"	31/64"	13/64"	11/32"	7/8"	0.03 lbs.	ASME B107.1
<b>J4707</b>	7/32"	11/32"	31/64"	13/64"	11/32"	7/8"	0.02 lbs.	ASME B107.1
<b>J4708</b>	1/4"	11/32"	31/64"	7/32"	11/32"	7/8"	0.02 lbs.	ASME B107.1
<b>J4709</b>	9/32"	27/64"	31/64"	1/4"	11/32"	7/8"	0.02 lbs.	ASME B107.1
<b>J4710</b>	5/16"	31/64"	31/64"	19/64"	9/16"	7/8"	0.03 lbs.	ASME B107.1
<b>J4711</b>	11/32"	33/64"	33/64"	11/32"	17/32"	7/8"	0.03 lbs.	ASME B107.1
<b>J4712</b>	3/8"	9/16"	9/16"	11/32"	17/32"	7/8"	0.03 lbs.	ASME B107.1
<b>J4714</b>	7/16"	5/8"	5/8"	23/64"	17/32"	7/8"	0.05 lbs.	ASME B107.1
<b>J4716</b>	1/2"	11/16"	11/16"	23/64"	17/32"	7/8"	0.06 lbs.	ASME B107.1
<b>J4718</b>	9/16"	47/64"	47/64"	23/64"	9/16"	7/8"	0.07 lbs.	ASME B107.1
<b>J4720A</b>	5/8"	5/8"	3/8"	7/8"	9/16"	7/8"	0.09 lbs.	ASME B107.1



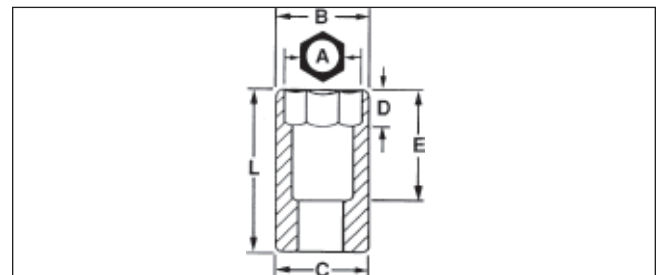
## 1/4" DRIVE METRIC STANDARD LENGTH SOCKETS - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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.



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.
J4704M	4	6.9	12.0	4.5	10.3	22.2	0.01 lbs.	ASME B107.5M
J47045M	4.5	7.9	12.0	4.5	10.3	22.2	0.01 lbs.	ASME B107.5M
J4705M	5	7.9	12.0	4.5	10.3	22.2	0.02 lbs.	ASME B107.5M
J47055M	5.5	8.5	12.0	4.5	10.3	22.2	0.02 lbs.	ASME B107.5M
J4706M	6	9.4	12.0	5.5	10.3	22.2	0.02 lbs.	ASME B107.5M
J4707M	7	10.8	12.0	6.5	12.0	22.2	0.02 lbs.	ASME B107.5M
J4708M	8	12.0	12.0	7.5	13.7	22.2	0.04 lbs.	ASME B107.5M
J4709M	9	13.0	13.0	9.0	13.7	22.2	0.03 lbs.	ASME B107.5M
J4710M	10	14.6	14.6	9.0	13.7	22.2	0.04 lbs.	ASME B107.5M
J4711M	11	15.8	15.8	9.0	13.7	22.2	0.05 lbs.	ASME B107.5M
J4712M	12	16.7	16.7	9.0	13.7	22.2	0.05 lbs.	ASME B107.5M
J4713M	13	17.5	17.5	9.0	13.7	22.2	0.05 lbs.	ASME B107.5M
J4714M	14	19.0	19.0	9.0	14.2	22.2	0.06 lbs.	ASME B107.5M
J4715M	15	20.3	20.3	9.0	14.2	22.2	0.08 lbs.	ASME B107.5M
J4716M	16	22.2	22.2	9.5	14.2	22.2	0.09 lbs.	ASME B107.5M




# Sockets, Drive Tools, Accessories



## 1/4" DRIVE STANDARD LENGTH SOCKETS - 8 POINT

- Proto® 8 Point Sockets 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 socket 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 socket, 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.




Product ID No.	 in.	B	C	D	E	L	Weight lbs.	ASME Spec.
<b>J4708S</b>	1/4"	31/64"	31/64"	1/4"	17/32"	7/8"	0.03 lbs.	ASME B107.1
<b>J4710S</b>	5/16"	9/16"	9/16"	1/4"	17/32"	7/8"	0.05 lbs.	ASME B107.1
<b>J4712S</b>	3/8"	11/16"	11/16"	1/4"	17/32"	7/8"	0.06 lbs.	ASME B107.1

## 1/4" DRIVE STANDARD LENGTH SOCKETS - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	 in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
<b>J4705T</b>	5/32"	3/8"	3/8"	13/64"	5/16"	7/8"	0.02 lbs.	ASME B107.1	AS954E S3.8.1
<b>J4706T</b>	3/16"	5/16"	7/16"	13/64"	5/16"	7/8"	0.02 lbs.	ASME B107.1	AS954E S3.8.1
<b>J4707T</b>	7/32"	11/32"	7/16"	13/64"	5/16"	7/8"	0.02 lbs.	ASME B107.1	AS954E S3.8.1
<b>J4708T</b>	1/4"	3/8"	7/16"	7/32"	5/16"	7/8"	0.02 lbs.	ASME B107.1	AS954E S3.8.1
<b>J4709T</b>	9/32"	27/64"	27/64"	17/64"	9/16"	7/8"	0.02 lbs.	ASME B107.1	AS954E S3.8.1
<b>J4710T</b>	5/16"	15/32"	15/32"	19/64"	9/16"	7/8"	0.02 lbs.	ASME B107.1	AS954E S3.8.1
<b>J4711T</b>	11/32"	1/2"	1/2"	11/32"	9/16"	7/8"	0.03 lbs.	ASME B107.1	AS954E S3.8.1
<b>J4712T</b>	3/8"	35/64"	35/64"	23/64"	17/32"	7/8"	0.04 lbs.	ASME B107.1	AS954E S3.8.1
<b>J4714T</b>	7/16"	5/8"	5/8"	3/8"	17/32"	7/8"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
<b>J4716T</b>	1/2"	11/16"	11/16"	23/64"	17/32"	7/8"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
<b>J4718T</b>	9/16"	47/64"	47/64"	23/64"	17/32"	7/8"	0.07 lbs.	ASME B107.1	AS954E S3.8.1



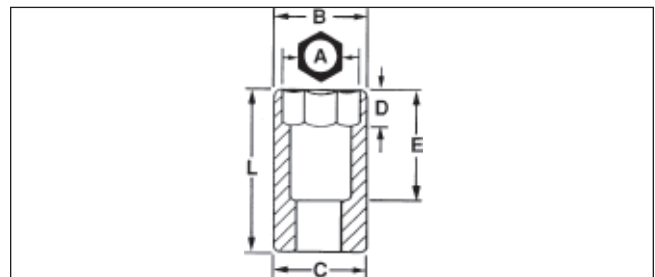
## 1/4" DRIVE METRIC STANDARD LENGTH SOCKETS - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J4704TM	4	7.9	12.0	4.5	12.7	22.2	0.02 lbs.	ASME B107.5M	AS954E S3.8.1
J47045TM	4.5	7.9	12.0	4.5	12.7	22.2	0.02 lbs.	ASME B107.5M	AS954E S3.8.1
J4705TM	5	7.9	12.0	4.5	12.7	22.2	0.03 lbs.	ASME B107.5M	AS954E S3.8.1
J47055TM	5.5	8.5	12.0	4.5	12.7	22.2	0.02 lbs.	ASME B107.5M	AS954E S3.8.1
J4706TM	6	9.4	12.0	5.5	12.7	22.2	0.02 lbs.	ASME B107.5M	AS954E S3.8.1
J4707TM	7	10.8	12.0	6.5	14.2	22.2	0.04 lbs.	ASME B107.5M	AS954E S3.8.1
J4708TM	8	12.0	12.0	7.5	13.7	22.2	0.03 lbs.	ASME B107.5M	AS954E S3.8.1
J4709TM	9	13.0	13.0	9.0	13.7	22.2	0.03 lbs.	ASME B107.5M	AS954E S3.8.1
J4710TM	10	14.6	14.6	9.0	13.7	22.2	0.04 lbs.	ASME B107.5M	AS954E S3.8.1
J4711TM	11	15.8	15.8	9.0	13.7	22.2	0.05 lbs.	ASME B107.5M	AS954E S3.8.1
J4712TM	12	16.7	16.7	9.0	13.7	22.2	0.05 lbs.	ASME B107.5M	AS954E S3.8.1
J4713TM	13	17.5	17.5	9.0	13.7	22.2	0.05 lbs.	ASME B107.5M	AS954E S3.8.1
J4714TM	14	19.0	19.0	9.0	14.2	22.2	0.06 lbs.	ASME B107.5M	AS954E S3.8.1
J4715TM	15	20.5	20.5	9.0	13.3	22.2	0.07 lbs.	ASME B107.5M	AS954E S3.8.1



# Sockets, Drive Tools, Accessories



## 1/4" DRIVE DEEP LENGTH SOCKETS - 6 POINT

- Proto® 6 Point Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
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- 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 socket, 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.

## 1/4" DRIVE DEEP LENGTH SOCKETS - 6 POINT



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.
J4706L	3/16"	5/16"	15/32"	9/32"	1-21/32"	2"	0.05 lbs.	ASME B107.1
J4707L	7/32"	11/32"	15/32"	3/8"	1-21/32"	2"	0.05 lbs.	ASME B107.1
J4708L	1/4"	25/64"	15/32"	3/8"	1-1/2"	2"	0.05 lbs.	ASME B107.1
J4709L	9/32"	7/16"	15/32"	3/8"	1-1/2"	2"	0.05 lbs.	ASME B107.1
J4710L	5/16"	15/32"	15/32"	3/8"	1-1/2"	2"	0.06 lbs.	ASME B107.1
J4711L	11/32"	1/2"	1/2"	5/8"	1-1/2"	2"	0.06 lbs.	ASME B107.1
J4712L	3/8"	9/16"	9/16"	5/8"	1-27/64"	2"	0.08 lbs.	ASME B107.1
J4714L	7/16"	37/64"	39/64"	5/8"	1-27/64"	2"	0.09 lbs.	ASME B107.1
J4716L	1/2"	11/16"	11/16"	5/8"	1-27/64"	2"	0.13 lbs.	ASME B107.1
J4718L	9/16"	3/4"	3/4"	5/8"	1-27/64"	2"	0.14 lbs.	ASME B107.1



## 1/4" DRIVE METRIC DEEP LENGTH SOCKETS - 6 POINT

**METRIC**



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.
J4704LM	4	7.0	11.7	5.0	22.0	50.5	0.04 lbs.	ASME B107.5M
J4705LM	5	7.9	11.7	7.0	22.0	50.5	0.04 lbs.	ASME B107.5M
J47055LM	5.5	8.8	11.7	7.0	22.0	50.5	0.04 lbs.	ASME B107.5M
J4706LM	6	9.4	11.7	9.5	22.0	50.5	0.04 lbs.	ASME B107.5M
J4707LM	7	10.8	11.7	9.5	22.0	50.5	0.04 lbs.	ASME B107.5M
J4708LM	8	11.7	11.7	10.5	29.2	50.5	0.06 lbs.	ASME B107.5M
J4709LM	9	12.7	12.7	15.5	29.2	50.5	0.06 lbs.	ASME B107.5M
J4710LM	10	14.4	14.4	16.0	36.0	50.5	0.07 lbs.	ASME B107.5M
J4711LM	11	15.6	15.6	16.0	36.0	50.5	0.09 lbs.	ASME B107.5M
J4712LM	12	16.5	16.5	16.0	36.0	50.5	0.11 lbs.	ASME B107.5M
J4713LM	13	17.6	17.6	16.0	36.0	50.5	0.15 lbs.	ASME B107.5M
J4714LM	14	19.6	19.6	16.0	36.0	50.5	0.15 lbs.	ASME B107.5M
J4715LM	15	21.2	21.2	16.0	36.0	50.8	0.20 lbs.	ASME B107.5M





## 1/4" DRIVE DEEP LENGTH SOCKETS - 12 POINT

- Proto® 12 Point Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
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- 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 socket, 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.

## 1/4" DRIVE DEEP LENGTH SOCKETS - 12 POINT



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J4706LT	3/16"	5/16"	27/64"	9/32"	1-5/32"	2"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
J4707LT	7/32"	11/32"	27/64"	3/8"	1-5/32"	2"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
J4708LT	1/4"	3/8"	27/64"	3/8"	1-5/32"	2"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
J4709LT	9/32"	27/64"	27/64"	3/8"	1-5/32"	2"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
J4710LT	5/16"	29/64"	29/64"	3/8"	1-5/32"	2"	0.06 lbs.	ASME B107.1	AS954E S3.8.1
J4711LT	11/32"	1/2"	1/2"	5/8"	1-5/32"	2"	0.07 lbs.	ASME B107.1	AS954E S3.8.1
J4712LT	3/8"	35/64"	35/64"	5/8"	1-5/32"	2"	0.07 lbs.	ASME B107.1	AS954E S3.8.1
J4714LT	7/16"	39/64"	39/64"	5/8"	1-5/32"	2"	0.10 lbs.	ASME B107.1	AS954E S3.8.1
J4716LT	1/2"	11/16"	11/16"	5/8"	1-5/32"	2"	0.12 lbs.	ASME B107.1	AS954E S3.8.1
J4718LT	9/16"	3/4"	3/4"	5/8"	1-5/32"	2"	0.13 lbs.	ASME B107.1	AS954E S3.8.1



## 1/4" DRIVE METRIC DEEP LENGTH SOCKETS - 12 POINT

**M**ETRIC



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J4705LTM	5	7.9	11.7	7.0	19.5	50.5	0.05 lbs.	ASME B107.5M	AS954E S3.8.1
J47055LTM	5.5	8.8	11.7	7.0	19.5	50.5	0.05 lbs.	ASME B107.5M	AS954E S3.8.1
J4706LTM	6	9.4	11.7	9.5	19.5	50.5	0.05 lbs.	ASME B107.5M	AS954E S3.8.1
J4707LTM	7	10.8	11.7	9.5	19.5	50.5	0.07 lbs.	ASME B107.5M	AS954E S3.8.1
J4708LTM	8	11.7	11.7	9.5	19.5	50.5	0.06 lbs.	ASME B107.5M	AS954E S3.8.1
J4709LTM	9	12.7	12.7	16.0	36.5	50.5	0.06 lbs.	ASME B107.5M	AS954E S3.8.1
J4710LTM	10	14.4	14.4	16.0	36.5	50.5	0.08 lbs.	ASME B107.5M	AS954E S3.8.1
J4711LTM	11	15.6	15.6	16.0	36.5	50.5	0.09 lbs.	ASME B107.5M	AS954E S3.8.1
J4712LTM	12	16.5	16.5	16.0	36.5	50.5	0.10 lbs.	ASME B107.5M	AS954E S3.8.1
J4713LTM	13	17.6	17.6	16.0	36.5	50.5	0.11 lbs.	ASME B107.5M	AS954E S3.8.1
J4714LTM	14	19.6	19.6	16.0	36.5	50.5	0.13 lbs.	ASME B107.5M	AS954E S3.8.1
J4715LTM	15	21.4	21.4	16.0	36.5	50.5	0.20 lbs.	ASME B107.5M	AS954E S3.8.1




# Sockets, Drive Tools, Accessories



## 1/4" DRIVE STANDARD DEPTH SPLINE SOCKETS


- Proto® Spline tools are designed to service high tensile strength fasteners used widely on military and commercial aircraft and in heavy machinery applications where vibration is prevalent. They are also used in automotive and industrial areas where high performance torque needs to be achieved.
- Spline sockets help tighten high strength bolts to high torque loads. They help lower the force required to turn standard fasteners by allowing the torque load to be moved away from the corners to help prevent fastener rounding. They also turn fasteners with damaged corners.
- Spline sockets on spline fasteners help deliver twice the torque of 12 pt. wrenches on double box fasteners, and more torque than hex wrenches on hex fasteners.
- Spline helps reduce foreign object debris (FOD) by having a precise fit between the fastening tool and its fastener.

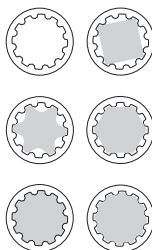
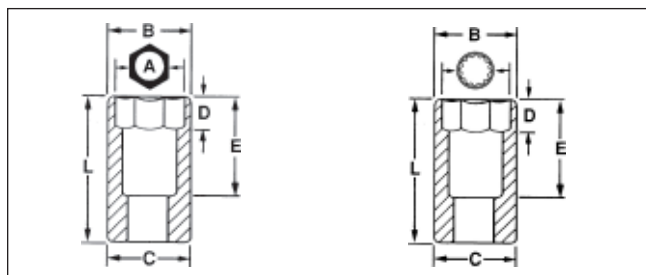
## 1/4" DRIVE STANDARD DEPTH SPLINE SOCKETS

Product ID No.	Spline Size	 in.	B	C	D	E	L	Weight lbs.
J4706SPL	# 6	3/16	0.31	0.43	0.18	0.57	0.92	0.02 lbs.
J4707SPL	# 7	7/32	0.34	0.43	0.20	0.57	0.92	0.02 lbs.
J4708SPL	# 8	1/4	0.37	0.43	0.25	0.57	0.92	0.02 lbs.
J4709SPL	# 9	9/32	0.43	0.43	0.28	0.57	0.92	0.02 lbs.
J4710SPL	# 10	5/16	0.46	0.46	0.31	0.57	0.92	0.03 lbs.
J4712SPL	# 12	3/8	0.54	0.54	0.34	0.57	0.92	0.04 lbs.
J4714SPL	# 14	7/16	0.62	0.62	0.42	0.68	1.03	0.05 lbs.



## 1/4" DRIVE DEEP SPLINE SOCKETS

Product ID No.	Spline Size	 in.	B	C	D	E	L	Weight lbs.
J4706DPL	# 6	3/16	0.31	0.43	0.18	1.65	2.00	0.03 lbs.
J4707DPL	# 7	7/32	0.34	0.43	0.20	1.65	2.00	0.04 lbs.
J4708DPL	# 8	1/4	0.37	0.43	0.25	1.65	2.00	0.04 lbs.
J4709DPL	# 9	9/32	0.43	0.43	0.28	1.65	2.00	0.05 lbs.
J4710DPL	# 10	5/16	0.46	0.46	0.31	1.65	2.00	0.06 lbs.
J4712DPL	# 12	3/8	0.54	0.54	0.34	1.65	2.00	0.08 lbs.
J4714DPL	# 14	7/16	0.62	0.62	0.42	1.65	2.00	0.09 lbs.



## 1/4" DRIVE UNIVERSAL SOCKETS - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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.

## 1/4" DRIVE UNIVERSAL SOCKETS - 6 POINT



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.
J4771	1/4"	3/8"	1/2"	9/32"	11/32"	1-1/4"	0.04 lbs.	ASME B107.1
J4772	5/16"	15/32"	1/2"	9/32"	11/32"	1-1/4"	0.04 lbs.	ASME B107.1
J4773	3/8"	9/16"	1/2"	9/32"	11/32"	1-1/4"	0.05 lbs.	ASME B107.1
J4774	7/16"	5/8"	1/2"	9/32"	3/8"	1-1/4"	0.04 lbs.	ASME B107.1



## 1/4" DRIVE METRIC UNIVERSAL SOCKETS - 6 POINT

**M**ETRIC



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.
J4805M	5	7.9	12.5	7.1	8.7	31.9	0.03 lbs.	ASME B107.5M
J48055M	5.5	8.3	12.5	7.1	8.7	31.9	0.04 lbs.	ASME B107.5M
J4806M	6	8.9	12.5	7.1	8.7	31.9	0.04 lbs.	ASME B107.5M
J4807M	7	10.2	12.5	7.1	8.7	31.9	0.04 lbs.	ASME B107.5M
J4808M	8	11.4	12.5	7.1	8.7	31.9	0.03 lbs.	ASME B107.5M
J4809M	9	12.7	12.5	7.1	8.7	31.9	0.04 lbs.	ASME B107.5M
J4810M	10	13.9	12.5	7.1	8.7	31.9	0.04 lbs.	ASME B107.5M
J4811M	11	15.2	12.5	7.1	8.7	31.9	0.05 lbs.	ASME B107.5M
J4812M	12	16.5	12.5	7.1	8.7	31.9	0.04 lbs.	ASME B107.5M
J4813M	13	17.8	12.5	7.5	8.7	31.9	0.05 lbs.	ASME B107.5M
J4814M	14	18.7	12.5	9.0	10.7	33.8	0.05 lbs.	ASME B107.5M
J4815M	15	20.3	12.5	9.0	10.7	33.8	0.05 lbs.	ASME B107.5M



# Sockets, Drive Tools, Accessories



## 1/4" DRIVE UNIVERSAL SOCKETS

- Proto® Sockets 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 socket 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 socket, 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.

## 1/4" DRIVE UNIVERSAL SOCKETS - 12 POINT



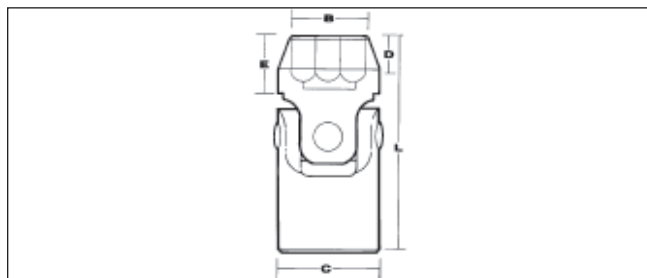
Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J4770T	7/32"	11/32"	1/2"	9/32"	3/8"	1-1/4"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
J4771T	1/4"	3/8"	1/2"	9/32"	3/8"	1-1/4"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
J4777T	9/32"	7/16"	1/2"	9/32"	3/8"	1-1/4"	0.06 lbs.	ASME B107.1	AS954E S3.8.1
J4772T	5/16"	15/32"	1/2"	9/32"	3/8"	1-1/4"	0.04 lbs.	ASME B107.1	AS954E S3.8.1
J4778T	11/32"	1/2"	1/2"	9/32"	3/8"	1-1/4"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
J4773T	3/8"	9/16"	1/2"	9/32"	3/8"	1-1/4"	0.04 lbs.	ASME B107.1	AS954E S3.8.1
J4774T	7/16"	5/8"	1/2"	9/32"	3/8"	1-1/4"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
J4775T	1/2"	11/16"	1/2"	9/32"	3/8"	1-1/4"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
J4776T	9/16"	3/4"	1/2"	23/64"	29/64"	1-21/64"	0.07 lbs.	ASME B107.1	AS954E S3.8.1





## 1/4" DRIVE UNIVERSAL JOINTS - 6 POINT



Product ID No.	L	Weight lbs.	ASME Spec.
J4770A	1-11/32"	0.04 lbs.	ASME B107.10M




## 1/4" DRIVE STANDARD SCREWDRIVER BITS

Product ID No.			Overall Length	Weight lbs.
<b>J4743</b>	1/4"	0.040"	1-13/64"	0.05 lbs.
<b>J4744</b>	3/16"	0.032"	1-53/64"	0.05 lbs.
<b>J4745</b>	1/4"	0.037"	1-53/64"	0.06 lbs.




## 1/4" DRIVE PHILLIPS® SCREWDRIVER BITS

Product ID No.		Overall Length	Weight lbs.
<b>J4737</b>	No. 1	1-13/64"	0.04 lbs.
<b>J4738</b>	No. 2	1-13/64"	0.05 lbs.





## 1/4" DRIVE TORX® BITS

Product ID No.		Bit Length	Overall Length	Weight lbs.
<b>J4739-10W</b>	T10	5/8"	1-1/2"	0.06 lbs.
<b>J4739-15W</b>	T15	5/8"	1-1/2"	0.05 lbs.
<b>J4739-20W</b>	T20	5/8"	1-1/2"	0.05 lbs.
<b>J4739-25W</b>	T25	5/8"	1-1/2"	0.05 lbs.
<b>J4739-27W</b>	T27	5/8"	1-1/2"	0.06 lbs.
<b>J4739-30W</b>	T30	7/8"	1-3/4"	0.05 lbs.



## 1/4" DRIVE HEX BITS

Product ID No.	 in.		Overall Length	Weight lbs.
<b>J4770 1/16</b>	1/16"	1"	1-7/8"	0.05 lbs.
<b>J4770 5/64</b>	5/64"	1"	1-7/8"	0.05 lbs.
<b>J4770 3/32</b>	3/32"	1"	1-7/8"	0.05 lbs.
<b>J4770 7/64</b>	7/64"	1"	1-7/8"	0.06 lbs.
<b>J4770 1/8</b>	1/8"	1"	1-7/8"	0.05 lbs.
<b>J4770 9/64</b>	9/64"	1"	1-7/8"	0.05 lbs.
<b>J4770 5/32</b>	5/32"	1"	1-7/8"	0.05 lbs.
<b>J4770 3/16</b>	3/16"	1"	1-7/8"	0.05 lbs.
<b>J4770 7/32</b>	7/32"	1"	1-7/8"	0.05 lbs.
<b>J4770 1/4</b>	1/4"	1"	1-7/8"	0.06 lbs.
<b>J4770 5/16</b>	5/16"	1"	1-7/8"	0.06 lbs.






# Sockets, Drive Tools, Accessories



## 1/4" DRIVE METRIC HEX BITS

**M**ETRIC

Product ID No.	mm		Overall Length	Weight lbs.
<b>J4770-2M</b>	2 mm		47.6 mm	0.04 lbs.
<b>J4770-2.5M</b>	2.5 mm		47.6 mm	0.05 lbs.
<b>J4770-3M</b>	3 mm		47.6 mm	0.05 lbs.
<b>J4770-4M</b>	4 mm		47.6 mm	0.05 lbs.
<b>J4770-5M</b>	5 mm		47.6 mm	0.05 lbs.
<b>J4770-6M</b>	6 mm		47.6 mm	0.05 lbs.



## 1/4" STANDARD LENGTH PEAR HEAD PROTO® RATCHET

- Small pear head design for access in hard to reach work areas.
- 45 tooth gear provides balance between 8 degree articulation angle and high torque carrying capacity.
- Sealed design helps prevent debris from entering ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- Low profile reversing lever design for quick, one hand operation.
- Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and slip resistance.
- Double nickel chrome plated for enhanced corrosion protection.
- Field repairable.



Product ID No.	Overall Length	Weight lbs.	ASME Repair Kit	ASME Spec.
<b>J4749XL</b>	5.7"	0.25 lbs.	<b>J4749XLRK</b>	ASME B107.10M

## 1/4" STANDARD LENGTH PEAR HEAD PROTO® RATCHET - BLACK

- Small pear head design for access in hard to reach work areas.
- 45 tooth gear provides balance between 8 degree articulation angle and high torque carrying capacity.
- Sealed design helps prevent debris from entering ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- Low profile reversing lever design for quick, one hand operation.
- Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and slip resistance.
- Field repairable.
- Black oxide finish.



Product ID No.	Overall Length	Weight lbs.	ASME Repair Kit	ASME Spec.
<b>J4749XLBL</b>	5.7"	0.25 lbs.	<b>J4749XLRK</b>	ASME B107.10M



## 1/4" DRIVE STANDARD LENGTH CLASSIC PEAR HEAD RATCHET

- Robust 24 tooth design with 15° arc swing.
- Tool steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one handed operation.
- Knurled slip-resistant grip.
- Field repairable.

Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J4749</b>	5"	0.26 lbs.	<b>J4749RK</b>	ASME B107.10M



## 1/4" DRIVE STANDARD LENGTH CLASSIC PEAR HEAD RATCHET - BLACK

- Black oxide finish.
- Robust 24 tooth design with 15° arc swing.
- Tool steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one handed operation.
- Knurled slip-resistant grip.

Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J4749BL</b>	5"	0.24 lbs.	<b>J4749RK</b>	ASME B107.10M



## 1/4" DRIVE STANDARD LENGTH ROUND HEAD RATCHET

- Round head ratchet mechanism allows for a compact head.
- 72 Teeth = 5° swing arc.
- Small head design and tight swing arc allow for fastener access in tight areas.

Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J4752F</b>	4-1/2"	0.26 lbs.	<b>J4752FRK</b>	ASME B107.10M



# Sockets, Drive Tools, Accessories



## 1/4" DRIVE AEROSPACE CLASSIC PEAR HEAD RATCHET

- Vertical hole drilled in drive plug, designed for installation of frangible collars on threaded pins.
- Metal spring clip on drive plug for positive socket retention.
- 24 tooth gear provides 15 degree articulation angle.
- Thin head design for access into tight work areas.
- Reversing lever designed for quick, one hand operations.
- Full polish double nickle chrome plated.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J4749HS</b>	6-11/16"	0.25 lbs.	<b>J4749RK</b>	ASME B107.10M

## 1/4" DRIVE AEROSPACE PEAR HEAD PROTO® RATCHET

- Vertical hole drilled in drive plug, designed for installation of frangible collars on threaded pins.
- Metal spring clip on drive plug for positive socket retention.
- 45 tooth gear provides 8 degree articulation angle.
- Thin head design for access into tight work areas.
- Reversing lever designed for quick, one hand operations.
- Full polish double nickle chrome plated.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J4749XLHS</b>	6-11/16"	0.25 lbs.	<b>J4749XLHSRK</b>	ASME B107.10M

## 1/4" DRIVE FLEX-HEAD RATCHET

- 180° flex.
- 4" ratcheting angle.
- Speeder ring.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J4757F</b>	6-37/64"	0.32 lbs.	<b>J4752FRK</b>	ASME B107.10M



## 1/4" DRIVE STANDARD DRIVE EXTENSION

- Extensions help provide access to fasteners in areas that might otherwise be difficult to reach.

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J4759</b>	2"	0.05 lbs.	ASME B107.10M
<b>J4760</b>	3"	0.08 lbs.	ASME B107.10M
<b>J4761</b>	6"	0.15 lbs.	ASME B107.10M
<b>J4762</b>	10"	0.24 lbs.	ASME B107.10M
<b>J4763</b>	14-1/8"	0.30 lbs.	ASME B107.10M



## 1/4" DRIVE LOCKING DRIVE EXTENSION

- One piece extension design.
- Provides positive socket retention.
- Use where accidental socket disengagement may be a concern or safety hazard.

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J4759L</b>	2"	0.07 lbs.	ASME B107.10M
<b>J4761L</b>	6"	0.15 lbs.	ASME B107.10M



## 1/4" DRIVE FLEXIBLE DRIVE EXTENSION

- Flexible shaft extensions help reach around obstructions in low torque applications.

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J4765</b>	6-1/4"	0.11 lbs.	ASME B107.10M



## 1/4" WOBBLE EXTENSIONS

- Up to 17° angle of operation.
- Socket can be pushed past the detent ball for straight driving.

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J4759W</b>	2-1/10"	0.06 lbs.	ASME B107.10M
<b>J4761W</b>	6"	0.14 lbs.	ASME B107.10M



# Sockets, Drive Tools, Accessories



## 1/4" DRIVE SLIDING TEE HANDLE

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J4785</b>	4-1/2"	0.08 lbs.	ASME B107.10M



## 1/4" DRIVE SOCKET DRIVER

- 1/4" square female drive in handle.

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J4769</b>	6"	0.22 lbs.	ASME B107.10M



## 1/4" DRIVE FLEXIBLE DRIVER

- Flexible shaft for bending around obstructions in low torque applications.

Product ID No.	Overall Length	Weight lbs.
<b>J4764</b>	6-3/4"	0.19 lbs.





## 1/4" DRIVE HINGE HANDLE

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J4766</b>	5-3/4"	0.22 lbs.	ASME B107.10M



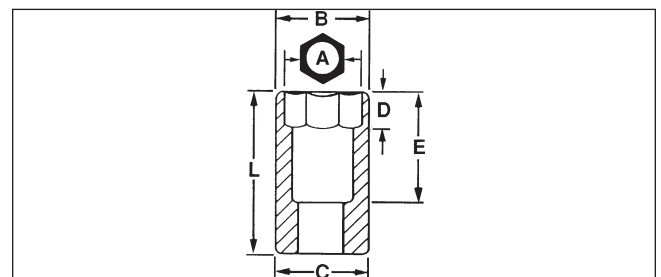
## 1/4" DRIVE SPEED HANDLE

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J4780</b>	15-1/2"	0.52 lbs.	ASME B107.10M



## 1/4" DRIVE ADAPTERS

Product ID No.	Diagram	Overall Length	Weight lbs.	ASME Spec.
<b>J5255</b>		1"	0.05 lbs.	ASME B107.10M
<b>J5256</b>		31/32"	0.04 lbs.	ASME B107.10M



# Sockets, Drive Tools, Accessories



## 1/4" DRIVE CROWFOOT WRENCH SETS

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design open end (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full Polish finish provides corrosion resistance and easy to clean surfaces.
- Use with locking extensions to reach into spaces too small for a mechanic's arm or where the fastener is out of site.

## SET NO. J47000CF - 1/4" DRIVE 6 PC. CROWFOOT WRENCH SET

- Weight: 0.41 lbs.



Product ID No.	Contents	Description
<b>J47000CF</b>	J4708CF	Wrench, Crowfoot 1/4" Dr. 1/4" Open End
	J4710CF	Wrench, Crowfoot 1/4" Dr. 5/16" Open End
	J4712CF	Wrench, Crowfoot 1/4" Dr. 3/8" Open End
	J4714CF	Wrench, Crowfoot 1/4" Dr. 7/16" Open End
	J4716CF	Wrench, Crowfoot 1/4" Dr. 1/2" Open End
	J4718CF	Wrench, Crowfoot 1/4" Dr. 9/16" Open End



## SET NO. J47000CFL - 1/4" DRIVE 8 PC. CROWFOOT WRENCH SET WITH LOCKING EXTENSIONS

• Weight: 0.63 lbs.



Product ID No.	Contents	Description
<b>J47000CFL</b>	J4708CF	Wrench, Crowfoot 1/4" Dr. 1/4" Open End
	J4710CF	Wrench, Crowfoot 1/4" Dr. 5/16" Open End
	J4712CF	Wrench, Crowfoot 1/4" Dr. 3/8" Open End
	J4714CF	Wrench, Crowfoot 1/4" Dr. 7/16" Open End
	J4716CF	Wrench, Crowfoot 1/4" Dr. 1/2" Open End
	J4718CF	Wrench, Crowfoot 1/4" Dr. 9/16" Open End
	J4761L	Extension 1/4" Dr. 6" Locking
	J4759L	Extension, 1/4" Dr. 2" Locking

## SET NO. J47000MCF - 1/4" DRIVE 7 PC. METRIC CROWFOOT WRENCH SET

**METRIC**

• Weight: 0.47 lbs



Product ID No.	Contents	Description
<b>J47000MCF</b>	J4707MCF	Wrench, Crowfoot 1/4" Dr. 7 mm Open End
	J4708MCF	Wrench, Crowfoot 1/4" Dr. 8 mm Open End
	J4710MCF	Wrench, Crowfoot 1/4" Dr. 10 mm Open End
	J4711MCF	Wrench, Crowfoot 1/4" Dr. 11 mm Open End
	J4712MCF	Wrench, Crowfoot 1/4" Dr. 12 mm Open End
	J4713MCF	Wrench, Crowfoot 1/4" Dr. 13 mm Open End
	J4714MCF	Wrench, Crowfoot 1/4" Dr. 14 mm Open End


# Sockets, Drive Tools, Accessories



## 1/4" DRIVE CROWFOOT WRENCHES

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design Open End (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full Polish finish provides corrosion resistance and easy to clean surfaces.


## 1/4" DRIVE CROWFOOT WRENCHES

Product ID No.	 in.	Length	Weight lbs.
J4708CF	1/4"	15/16"	0.02 lbs
J4710CF	5/16"	1"	0.03 lbs.
J4712CF	3/8"	1-1/16"	0.03 lbs.
J4714CF	7/16"	1-5/32"	0.04 lbs.
J4716CF	1/2"	1-3/16"	0.05 lbs.
J4718CF	9/16"	1-9/32"	0.05 lbs.



## 1/4" DRIVE METRIC CROWFOOT WRENCHES

**M**ETRIC

Product ID No.	 mm	Length	Weight lbs.
J4707MCF	7mm	15/16"	0.02 lbs.
J4708MCF	8mm	31/21"	0.02 lbs.
J4710MCF	10mm	1-1/16"	0.03 lbs.
J4711MCF	11mm	1-1/8"	0.04 lbs.
J4712MCF	12mm	1-5/32"	0.04 lbs.
J4713MCF	13mm	1-3/16"	0.05 lbs.
J4714MCF	14mm	1-1/4"	0.05 lbs.



## SET NO. J47152 - 1/4" & 3/8" DRIVE 22 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 5.41 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J47152</b>	J4706	Socket 1/4" Dr. 3/16" 6 Pt.	ASME B107.1	
	J4707	Socket 1/4" Dr. 7/32" 6 Pt.	ASME B107.1	
	J4708	Socket 1/4" Dr. 1/4" 6 Pt.	ASME B107.1	
	J4709	Socket 1/4" Dr. 9/32" 6 Pt.	ASME B107.1	
	J4710	Socket 1/4" Dr. 5/16" 6 Pt.	ASME B107.1	
	J4711	Socket 1/4" Dr. 11/32" 6 Pt.	ASME B107.1	
	J4712	Socket 1/4" Dr. 3/8" 6 Pt.	ASME B107.1	
	J4769	Socket Driver 1/4" Dr.	ASME B107.10M	
	J5214H	Socket, 3/8" Dr. 7/16" 6 Pt.	ASME B107.1	
	J5216H	Socket, 3/8" Dr. 1/2" 6 Pt.	ASME B107.1	
	J5218H	Socket, 3/8" Dr. 9/16" 6 Pt.	ASME B107.1	
	J5220H	Socket, 3/8" Dr. 5/8" 6 Pt.	ASME B107.1	
	J5222H	Socket, 3/8" Dr. 11/16" 6 Pt.	ASME B107.1	
	J5224H	Socket, 3/8" Dr. 3/4" 6 Pt.	ASME B107.1	
	J5226H	Socket, 3/8" Dr. 13/16" 6 Pt.	ASME B107.1	
	J5228H	Socket, 3/8" Dr. 7/8" 6 Pt.	ASME B107.1	
	J5230H	Socket, 3/8" Dr. 15/16" 6 Pt.	ASME B107.1	
	J5232H	Socket, 3/8" Dr. 1" 6 Pt.	ASME B107.1	
	J5249	Ratchet 3/8" Dr.	ASME B107.10M	
	J5255	Adapter 3/8" F x 1/4" M	ASME B107.10M	
	J5260	Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
	J5260-06	Extension 3/8" Dr. 6"	ASME B107.10M	AS 4283
J5297	Tool Box			



# Sockets, Drive Tools, Accessories

## SET NO. J52134 - 3/8" DRIVE 22 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 7.63 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52134</b>	J5212H	Socket, 3/8" Dr. 3/8" 6 Pt.	ASME B107.1	
	J5214H	Socket, 3/8" Dr. 7/16" 6 Pt.	ASME B107.1	
	J5216H	Socket, 3/8" Dr. 1/2" 6 Pt.	ASME B107.1	
	J5218H	Socket, 3/8" Dr. 9/16" 6 Pt.	ASME B107.1	
	J5220H	Socket, 3/8" Dr. 5/8" 6 Pt.	ASME B107.1	
	J5222H	Socket, 3/8" Dr. 11/16" 6 Pt.	ASME B107.1	
	J5224H	Socket, 3/8" Dr. 3/4" 6 Pt.	ASME B107.1	
	J5226H	Socket, 3/8" Dr. 13/16" 6 Pt.	ASME B107.1	
	J5228H	Socket, 3/8" Dr. 7/8" 6 Pt.	ASME B107.1	
	J5012H	Socket, 3/8" Dr. 3/8" 6 Pt. Deep	ASME B107.1	
	J5014H	Socket, 3/8" Dr. 7/16" 6 Pt. Deep	ASME B107.1	
	J5016H	Socket, 3/8" Dr. 1/2" 6 Pt. Deep	ASME B107.1	
	J5018H	Socket, 3/8" Dr. 9/16" 6 Pt. Deep	ASME B107.1	
	J5020H	Socket, 3/8" Dr. 5/8" 6 Pt. Deep	ASME B107.1	
	J5022H	Socket, 3/8" Dr. 11/16" 6 Pt. Deep	ASME B107.1	
	J5024H	Socket, 3/8" Dr. 3/4" 6 Pt. Deep	ASME B107.1	
	J5026H	Socket, 3/8" Dr. 13/16" 6 Pt. Deep	ASME B107.1	
	J5028H	Socket, 3/8" Dr. 7/8" 6 Pt. Deep	ASME B107.1	
	J5249	Ratchet 3/8" Dr.	ASME B107.10M	
	J5260	Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
	J5260-06	Extension 3/8" Dr. 6"	ASME B107.10M	AS 4283
	J5270A	Joint, Universal 3/8" Dr.	ASME B107.10M	
	J5298	Tool Box		



## SET NO. J52128 - 3/8" DRIVE 12 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 3.67 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52128</b>	J5212H	Socket, 3/8" Dr. 3/8" 6 Pt.	ASME B107.1	AS954E S3.8.1
	J5214H	Socket, 3/8" Dr. 7/16" 6 Pt.	ASME B107.1	AS954E S3.8.1
	J5216H	Socket, 3/8" Dr. 1/2" 6 Pt.	ASME B107.1	AS954E S3.8.1
	J5218H	Socket, 3/8" Dr. 9/16" 6 Pt.	ASME B107.1	AS954E S3.8.1
	J5220H	Socket, 3/8" Dr. 5/8" 6 Pt.	ASME B107.1	AS954E S3.8.1
	J5222H	Socket, 3/8" Dr. 11/16" 6 Pt.	ASME B107.1	AS954E S3.8.1
	J5224H	Socket, 3/8" Dr. 3/4" 6 Pt.	ASME B107.1	AS954E S3.8.1
	J5226H	Socket, 3/8" Dr. 13/16" 6 Pt.	ASME B107.1	AS954E S3.8.1
	J5228H	Socket, 3/8" Dr. 7/8" 6 Pt.	ASME B107.1	AS954E S3.8.1
	J5249	Ratchet 3/8" Dr.	ASME B107.10M	
	J5260	Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
	J5260-06	Extension 3/8" Dr. 6"	ASME B107.10M	AS 4283
J5299	Metal Tool Box			

# Sockets, Drive Tools, Accessories



## SET NO. J52140 - 3/8" DRIVE 59 PC. SOCKET SET - 12 POINT - WITH TOOL BOX

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 22.67 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52140</b>	J5208	Socket 3/8" Dr. 1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5210	Socket 3/8" Dr. 5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5212	Socket 3/8" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5214	Socket 3/8" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5216	Socket 3/8" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5218	Socket 3/8" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5220	Socket 3/8" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5222	Socket 3/8" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5224	Socket 3/8" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5226	Socket 3/8" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5228	Socket 3/8" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5230	Socket 3/8" Dr. 15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5232	Socket 3/8" Dr. 1" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5008	Socket 3/8" Dr. 1/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5010	Socket 3/8" Dr. 5/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5012	Socket 3/8" Dr. 3/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5014	Socket 3/8" Dr. 7/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5016	Socket 3/8" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
J5018		Socket 3/8" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5020		Socket 3/8" Dr. 5/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5022		Socket 3/8" Dr. 11/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5024		Socket 3/8" Dr. 3/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5026		Socket 3/8" Dr. 13/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5028		Socket 3/8" Dr. 7/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5030		Socket 3/8" Dr. 15/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5032		Socket 3/8" Dr. 1" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5273		Socket, Universal 3/8" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5274		Socket, Universal 3/8" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5275		Socket, Universal 3/8" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5276		Socket, Universal 3/8" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5277		Socket, Universal 3/8" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5278		Socket, Universal 3/8" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5279		Socket, Universal 3/8" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5208S		Socket 3/8" Dr. 1/4" 8 Pt.	ASME B107.1	
J5210S		Socket 3/8" Dr. 5/16" 8 Pt.	ASME B107.1	
J5212S		Socket 3/8" Dr. 3/8" 8 Pt.	ASME B107.1	
J5214S		Socket 3/8" Dr. 7/16" 8 Pt.	ASME B107.1	
J5216S		Socket 3/8" Dr. 1/2" 8 Pt.	ASME B107.1	
J4990 1/8		Socket, Hex Bit 3/8" Dr. 1/8"		
J4990 1/4		Socket, Hex Bit 3/8" Dr. 1/4"		
J4990 5/32		Socket, Hex Bit 3/8" Dr. 5/32"		
J4990 3/16		Socket, Hex Bit 3/8" Dr. 3/16"		
J4990 5/16		Socket, Hex Bit 3/8" Dr. 5/16"		
J4990 7/32		Socket, Hex Bit 3/8" Dr. 7/32"		
J4990 3/8		Socket, Hex Bit 3/8" Dr. 3/8"		
J5241		Socket Bit 3/8" Dr. #2 Phillips®		
J5242		Socket Bit 3/8" Dr. #3 Phillips®		
J5243		Socket Bit 3/8" Dr. #4 Phillips®		
J5246		Socket Bit 3/8" Dr. Slotted		
J5247		Ratchet Adapter 3/8" Dr.	ASME B107.10M	
J5249		Ratchet 3/8" Dr.	ASME B107.10M	
J5260		Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
J5260-06		Extension 3/8" Dr. 6"	ASME B107.10M	AS 4283
J5262		Extension 3/8" Dr. 12"	ASME B107.10M	AS 4283
J5265		Hinge Handle 3/8" Dr. 7-7/8"	ASME B107.10M	AS 4283
J5270A		Universal Joint 3/8" Dr.	ASME B107.10M	
J5280		Speed Handle 3/8" Dr.	ASME B107.10M	
J5285		Sliding T Handle 3/8" Dr.	ASME B107.10M	
J9977		Tool Box		



# Sockets, Drive Tools, Accessories



## SET NO. J52142 - 3/8" DRIVE 58 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 12.1 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52142</b>	J5208	Socket 3/8" Dr. 1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5210	Socket 3/8" Dr. 5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5212	Socket 3/8" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5214	Socket 3/8" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5216	Socket 3/8" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5218	Socket 3/8" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5220	Socket 3/8" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5222	Socket 3/8" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5224	Socket 3/8" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5226	Socket 3/8" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5228	Socket 3/8" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5230	Socket 3/8" Dr. 15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5232	Socket 3/8" Dr. 1" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5008	Socket 3/8" Dr. 1/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5010	Socket 3/8" Dr. 5/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5012	Socket 3/8" Dr. 3/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5014	Socket 3/8" Dr. 7/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5016	Socket 3/8" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5018	Socket 3/8" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5020	Socket 3/8" Dr. 5/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5022	Socket 3/8" Dr. 11/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5024	Socket 3/8" Dr. 3/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5026	Socket 3/8" Dr. 13/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5028	Socket 3/8" Dr. 7/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5030	Socket 3/8" Dr. 15/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5032	Socket 3/8" Dr. 1" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5273	Socket, Universal 3/8" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1





Product ID No.	Contents	Description	ASME Spec.	AS Spec.
J5274		Socket, Universal 3/8" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5275		Socket, Universal 3/8" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5276		Socket, Universal 3/8" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5277		Socket, Universal 3/8" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5278		Socket, Universal 3/8" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5279		Socket, Universal 3/8" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5208S		Socket 3/8" Dr. 1/4" 8 Pt.	ASME B107.1	
J5210S		Socket 3/8" Dr. 5/16" 8 Pt.	ASME B107.1	
J5212S		Socket 3/8" Dr. 3/8" 8 Pt.	ASME B107.1	
J5214S		Socket 3/8" Dr. 7/16" 8 Pt.	ASME B107.1	
J5216S		Socket 3/8" Dr. 1/2" 8 Pt.	ASME B107.1	
J4990 1/8		Socket, Hex Bit 3/8" Dr. 1/8"		
J4990 1/4		Socket, Hex Bit 3/8" Dr. 1/4"		
J4990 5/32		Socket, Hex Bit 3/8" Dr. 5/32"		
J4990 3/16		Socket, Hex Bit 3/8" Dr. 3/16"		
J4990 5/16		Socket, Hex Bit 3/8" Dr. 5/16"		
J4990 7/32		Socket, Hex Bit 3/8" Dr. 7/32"		
J4990 3/8		Socket, Hex Bit 3/8" Dr. 3/8"		
J5241		Socket Bit 3/8" Dr. #2 Phillips®		
J5242		Socket Bit 3/8" Dr. #3 Phillips®		
J5243		Socket Bit 3/8" Dr. #4 Phillips®		
J5246		Socket Bit 3/8" Dr. Slotted		
J5247		Ratchet Adapter 3/8" Dr.	ASME B107.10M	
J5249		Ratchet 3/8" Dr.	ASME B107.10M	
J5260		Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
J5260-06		Extension 3/8" Dr. 6"	ASME B107.10M	AS 4283
J5262		Extension 3/8" Dr. 12"	ASME B107.10M	AS 4283
J5265		Handle, Hinge 3/8" Dr. 7-7/8"	ASME B107.10M	AS 4283
J5270A		Joint, Universal 3/8" Dr.	ASME B107.10M	
J5280		Handle, Speed 3/8" Dr. 17-1/2"	ASME B107.10M	
J5285		Handle, Sliding T 3/8" Dr.	ASME B107.10M	

# Sockets, Drive Tools, Accessories



## SET NO. J52138 - 3/8" DRIVE 33 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 12.68 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52138</b>	J5212	Socket 3/8" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5214	Socket 3/8" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5216	Socket 3/8" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5218	Socket 3/8" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5220	Socket 3/8" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5222	Socket 3/8" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5224	Socket 3/8" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5226	Socket 3/8" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5228	Socket 3/8" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5012	Socket 3/8" Dr. 3/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5014	Socket 3/8" Dr. 7/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5016	Socket 3/8" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5018	Socket 3/8" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5020	Socket 3/8" Dr. 5/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5022	Socket 3/8" Dr. 11/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5024	Socket 3/8" Dr. 3/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5026	Socket 3/8" Dr. 13/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5028	Socket 3/8" Dr. 7/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5208S	Socket 3/8" Dr. 1/4" 8 Pt.	ASME B107.1	
	J5210S	Socket 3/8" Dr. 5/16" 8 Pt.	ASME B107.1	
	J5212S	Socket 3/8" Dr. 3/8" 8 Pt.	ASME B107.1	
	J5274	Socket, Universal 3/8" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5275	Socket, Universal 3/8" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5276	Socket, Universal 3/8" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5277	Socket, Universal 3/8" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5279	Socket, Universal 3/8" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5249	Ratchet 3/8" Dr.	ASME B107.10M	
	J5260	Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
	J5260-06	Extension 3/8" Dr. 6"	ASME B107.10M	AS 4283
	J5262	Extension 3/8" Dr. 12"	ASME B107.10M	AS 4283
	J5265	Handle, Hinge 3/8" Dr. 7-7/8"	ASME B107.10M	AS 4283
	J5270A	Joint, Universal 3/8" Dr.	ASME B107.10M	
	J5280	Handle, Speed 3/8" Dr. 17-1/2"	ASME B107.10M	
	J5497	Tool Box		



## SET NO. J52136 - 3/8" DRIVE 22 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 7.7 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52136</b>	J5212	Socket 3/8" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5214	Socket 3/8" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5216	Socket 3/8" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5218	Socket 3/8" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5220	Socket 3/8" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5222	Socket 3/8" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5224	Socket 3/8" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5226	Socket 3/8" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5228	Socket 3/8" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5012	Socket 3/8" Dr. 3/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5014	Socket 3/8" Dr. 7/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5016	Socket 3/8" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5018	Socket 3/8" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5020	Socket 3/8" Dr. 5/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5022	Socket 3/8" Dr. 11/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5024	Socket 3/8" Dr. 3/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5026	Socket 3/8" Dr. 13/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5028	Socket 3/8" Dr. 7/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5249	Ratchet 3/8" Dr.	ASME B107.10M	
	J5260	Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
	J5260-06	Extension 3/8" Dr. 6"	ASME B107.10M	AS 4283
	J5270A	Joint, Universal 3/8" Dr.	ASME B107.10M	
	J5298	Tool Box		

# Sockets, Drive Tools, Accessories



## SET NO. J52132 - 3/8" DRIVE 15 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 8.18 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52132</b>	J5212	Socket 3/8" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5214	Socket 3/8" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5216	Socket 3/8" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5218	Socket 3/8" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5220	Socket 3/8" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5222	Socket 3/8" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5224	Socket 3/8" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5226	Socket 3/8" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5228	Socket 3/8" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5249	Ratchet 3/8" Dr.	ASME B107.10M	
	J5260	Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
	J5262	Extension 3/8" Dr. 12"	ASME B107.10M	AS 4283
	J5265	Handle, Hinge 3/8" Dr. 7-7/8"	ASME B107.10M	AS 4283
	J5270A	Joint, Universal 3/8" Dr.	ASME B107.10M	
	J5280	Handle, Speed 3/8" Dr. 17-1/2"	ASME B107.10M	
	J5498	Metal Tool Box		



## SET NO. J52130 - 3/8" DRIVE 12 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 3.7 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52130</b>	J5212	Socket 3/8" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5214	Socket 3/8" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5216	Socket 3/8" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5218	Socket 3/8" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5220	Socket 3/8" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5222	Socket 3/8" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5224	Socket 3/8" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5226	Socket 3/8" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5228	Socket 3/8" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5249	Ratchet 3/8" Dr.	ASME B107.10M	
	J5260	Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
	J5260-06	Extension 3/8" Dr. 6"	ASME B107.10M	AS 4283
	J5299	Metal Tool Box		



# Sockets, Drive Tools, Accessories



## SET NO. J52226 - 3/8" DRIVE 57 PC. METRIC SOCKET SET - 12 POINT WITH BOX

**METRIC**

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 22.5 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52226</b>	J5206M	Socket 3/8" Dr. 6 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5207M	Socket 3/8" Dr. 7 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5208M	Socket 3/8" Dr. 8 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5209M	Socket 3/8" Dr. 9 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5210M	Socket 3/8" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5211M	Socket 3/8" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5212M	Socket 3/8" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5213M	Socket 3/8" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5214M	Socket 3/8" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5215M	Socket 3/8" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5216M	Socket 3/8" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5217M	Socket 3/8" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5218M	Socket 3/8" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5219M	Socket 3/8" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5220M	Socket 3/8" Dr., 20 mm 12 pt.	ASME B107.5M	AS954E S3.8.1
	J5221M	Socket, 3/8" Dr. 21 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5222M	Socket, 3/8" Dr. 22 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5006M	Socket, 3/8" Dr. 6 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5007M	Socket, 3/8" Dr. 7 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5008M	Socket, 3/8" Dr. 8 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5009M	Socket, 3/8" Dr. 9 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5010M	Socket, 3/8" Dr. 10 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5011M	Socket, 3/8" Dr. 11 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5012M	Socket, 3/8" Dr. 12 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5013M	Socket, 3/8" Dr. 13 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5014M	Socket, 3/8" Dr. 14 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5015M	Socket, 3/8" Dr. 15 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5016M	Socket, 3/8" Dr. 16 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5017M	Socket, 3/8" Dr. 17 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
J5018M		Socket, 3/8" Dr. 18 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5019M		Socket, 3/8" Dr. 19 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5272M		Socket, Universal 3/8" Dr. 9 mm	ASME B107.5M	
J5273M		Socket, Universal 3/8" Dr. 10 mm	ASME B107.5M	
J5274M		Socket, Universal 3/8" Dr. 11 mm	ASME B107.5M	
J5275M		Socket, Universal 3/8" Dr. 12 mm	ASME B107.5M	
J5276M		Socket, Universal 3/8" Dr. 13 mm	ASME B107.5M	
J5277M		Socket, Universal 3/8" Dr. 14 mm	ASME B107.5M	
J5278M		Socket, Universal 3/8" Dr. 15 mm	ASME B107.5M	
J4990-4M		Socket Hex Bit, 3/8" Dr. 4 mm		
J4990-5M		Socket Hex Bit, 3/8" Dr. 5 mm		
J4990-6M		Socket Hex Bit, 3/8" Dr. 6 mm		
J4990-7M		Socket Hex Bit, 3/8" Dr. 7 mm		
J4990-8M		Socket Hex Bit, 3/8" Dr. 8 mm		
J4990-10M		Socket Hex Bit, 3/8" Dr. 10 mm		
J5241		Socket Bit 3/8" Dr. #2 Phillips®		
J5242		Socket Bit 3/8" Dr. #3 Phillips®		
J5243		Socket Bit 3/8" Dr. #4 Phillips®		
J5246		Socket Bit 3/8" Dr. Slotted		
J5247		Ratchet Adapter 3/8" Dr.	ASME B107.10M	
J5249		Ratchet 3/8" Dr.	ASME B107.10M	
J5260		Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
J5260-06		Extension 3/8" Dr. 6"	ASME B107.10M	AS 4283
J5262		Extension 3/8" Dr. 12"	ASME B107.10M	AS 4283
J5265		Handle, Hinge 3/8" Dr. 7-7/8"	ASME B107.10M	AS 4283
J5270A		Joint, Universal 3/8" Dr.	ASME B107.10M	
J5280		Handle, Speed 3/8" Dr. 17-1/2"	ASME B107.10M	
J5285		Handle, Sliding T 3/8" Dr.	ASME B107.10M	
J9977-NA		Tool Box Mechanic with Removable Tray 19"		

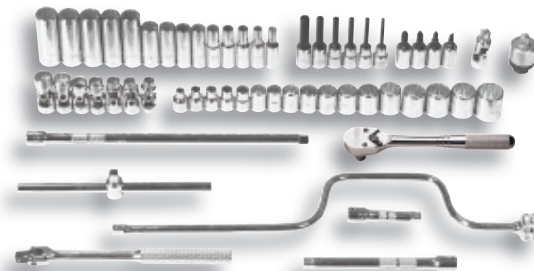
# Sockets, Drive Tools, Accessories



## SET NO. J52228 - 3/8" DRIVE 57 PC. METRIC SOCKET SET - 12 POINT - TOOLS ONLY

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 10.76 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52228</b>	J5206M	Socket 3/8" Dr. 6 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5207M	Socket 3/8" Dr. 7 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5208M	Socket 3/8" Dr. 8 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5209M	Socket 3/8" Dr. 9 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5210M	Socket 3/8" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5211M	Socket 3/8" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5212M	Socket 3/8" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5213M	Socket 3/8" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5214M	Socket 3/8" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5215M	Socket 3/8" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5216M	Socket 3/8" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5217M	Socket 3/8" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5218M	Socket 3/8" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5219M	Socket 3/8" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5220M	Socket 3/8" Dr., 20 mm 12 pt.	ASME B107.5M	AS954E S3.8.1
	J5221M	Socket, 3/8" Dr. 21 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5222M	Socket, 3/8" Dr. 22 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5006M	Socket, 3/8" Dr. 6 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5007M	Socket, 3/8" Dr. 7 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5008M	Socket, 3/8" Dr. 8 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5009M	Socket, 3/8" Dr. 9 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5010M	Socket, 3/8" Dr. 10 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5011M	Socket, 3/8" Dr. 11 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5012M	Socket, 3/8" Dr. 12 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5013M	Socket, 3/8" Dr. 13 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5014M	Socket, 3/8" Dr. 14 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5015M	Socket, 3/8" Dr. 15 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
J5016M		Socket, 3/8" Dr. 16 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5017M		Socket, 3/8" Dr. 17 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5018M		Socket, 3/8" Dr. 18 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5019M		Socket, 3/8" Dr. 19 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5272M		Socket, Universal 3/8" Dr. 9 mm	ASME B107.5M	
J5273M		Socket, Universal 3/8" Dr. 10 mm	ASME B107.5M	
J5274M		Socket, Universal 3/8" Dr. 11 mm	ASME B107.5M	
J5275M		Socket, Universal 3/8" Dr. 12 mm	ASME B107.5M	
J5276M		Socket, Universal 3/8" Dr. 13 mm	ASME B107.5M	
J5277M		Socket, Universal 3/8" Dr. 14 mm	ASME B107.5M	
J5278M		Socket, Universal 3/8" Dr. 15 mm	ASME B107.5M	
J4990-4M		Socket Hex Bit, 3/8" Dr. 4 mm		
J4990-5M		Socket Hex Bit, 3/8" Dr. 5 mm		
J4990-6M		Socket Hex Bit, 3/8" Dr. 6 mm		
J4990-7M		Socket Hex Bit, 3/8" Dr. 7 mm		
J4990-8M		Socket Hex Bit, 3/8" Dr. 8 mm		
J4990-10M		Socket Hex Bit, 3/8" Dr. 10 mm		
J5241		Socket Bit 3/8" Dr. #2 Phillips®		
J5242		Socket Bit 3/8" Dr. #3 Phillips®		
J5243		Socket Bit 3/8" Dr. #4 Phillips®		
J5246		Socket Bit 3/8" Dr. Slotted		
J5247		Ratchet Adapter 3/8" Dr.	ASME B107.10M	
J5249		Ratchet 3/8" Dr.	ASME B107.10M	
J5260		Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
J5260-06		Extension 3/8" Dr. 6"	ASME B107.10M	AS 4283
J5262		Extension 3/8" Dr. 12"	ASME B107.10M	AS 4283
J5265		Handle, Hinge 3/8" Dr. 7-7/8"	ASME B107.10M	AS 4283
J5270A		Joint, Universal 3/8" Dr.	ASME B107.10M	
J5280		Handle, Speed 3/8" Dr. 17-1/2"	ASME B107.10M	
J5285		Handle, Sliding T 3/8" Dr.	ASME B107.10M	



# Sockets, Drive Tools, Accessories



## SET NO. J52220 - 3/8" DRIVE 29 PC. METRIC SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 9.18 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52220</b>	J5208MH	Socket, 3/8" Dr. 8 mm 6 Pt.	ASME B107.5M	
	J5209MH	Socket, 3/8" Dr. 9 mm 6 Pt.	ASME B107.5M	
	J5210MH	Socket, 3/8" Dr. 10 mm 6 Pt.	ASME B107.5M	
	J5211MH	Socket, 3/8" Dr. 11 mm 6 Pt.	ASME B107.5M	
	J5212MH	Socket, 3/8" Dr. 12 mm 6 Pt.	ASME B107.5M	
	J5213MH	Socket, 3/8" Dr. 13 mm 6 Pt.	ASME B107.5M	
	J5214MH	Socket, 3/8" Dr. 14 mm 6 Pt.	ASME B107.5M	
	J5215MH	Socket, 3/8" Dr. 15 mm 6 Pt.	ASME B107.5M	
	J5216MH	Socket, 3/8" Dr. 16 mm 6 Pt.	ASME B107.5M	
	J5217MH	Socket, 3/8" Dr. 17 mm 6 Pt.	ASME B107.5M	
	J5218MH	Socket, 3/8" Dr. 18 mm 6 Pt.	ASME B107.5M	
	J5219MH	Socket, 3/8" Dr. 19 mm 6 Pt.	ASME B107.5M	
	J5008MH	Socket, 3/8" Dr. 8 mm 6 Pt. Deep	ASME B107.5M	
	J5009MH	Socket, 3/8" Dr. 9 mm 6 Pt. Deep	ASME B107.5M	
	J5010MH	Socket, 3/8" Dr. 10 mm 6 Pt. Deep	ASME B107.5M	
	J5011MH	Socket, 3/8" Dr. 11 mm 6 Pt. Deep	ASME B107.5M	
	J5012MH	Socket, 3/8" Dr. 12 mm 6 Pt. Deep	ASME B107.5M	
	J5013MH	Socket, 3/8" Dr. 13 mm 6 Pt. Deep	ASME B107.5M	
	J5014MH	Socket, 3/8" Dr. 14 mm 6 Pt. Deep	ASME B107.5M	
	J5015MH	Socket, 3/8" Dr. 15 mm 6 Pt. Deep	ASME B107.5M	
	J5016MH	Socket, 3/8" Dr. 16 mm 6 Pt. Deep	ASME B107.5M	
	J5017MH	Socket, 3/8" Dr. 17 mm 6 Pt. Deep	ASME B107.5M	
	J5018MH	Socket, 3/8" Dr. 18 mm 6 Pt. Deep	ASME B107.5M	
	J5019MH	Socket, 3/8" Dr. 19 mm 6 Pt. Deep	ASME B107.5M	
	J5249	Ratchet 3/8" Dr.	ASME B107.10M	
	J5260	Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
	J5260-06	Extension 3/8" Dr. 6"	ASME B107.10M	AS 4283
	J5265	Handle, Hinge 3/8" Dr. 7-7/8"	ASME B107.10M	AS 4283
	J5270A	Joint, Universal 3/8" Dr.	ASME B107.10M	
	J5498	Metal Tool Box		





## SET NO. J52222 - 3/8" DRIVE 29 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 9.14 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52222</b>	J5208M	Socket 3/8" Dr. 8 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5209M	Socket 3/8" Dr. 9 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5210M	Socket 3/8" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5211M	Socket 3/8" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5212M	Socket 3/8" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5213M	Socket 3/8" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5214M	Socket 3/8" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5215M	Socket 3/8" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5216M	Socket 3/8" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5217M	Socket 3/8" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5218M	Socket 3/8" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5219M	Socket 3/8" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5008M	Socket, 3/8" Dr. 8 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5009M	Socket, 3/8" Dr. 9 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5010M	Socket, 3/8" Dr. 10 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5011M	Socket, 3/8" Dr. 11 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5012M	Socket, 3/8" Dr. 12 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5013M	Socket, 3/8" Dr. 13 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5014M	Socket, 3/8" Dr. 14 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5015M	Socket, 3/8" Dr. 15 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5016M	Socket, 3/8" Dr. 16 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5017M	Socket, 3/8" Dr. 17 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5018M	Socket, 3/8" Dr. 18 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5019M	Socket, 3/8" Dr. 19 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5249	Ratchet 3/8" Dr.	ASME B107.10M	
	J5260	Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
	J5260-06	Extension 3/8" Dr. 6"	ASME B107.10M	AS 4283
	J5265	Handle, Hinge 3/8" Dr. 7-7/8"	ASME B107.10M	AS 4283
	J5270A	Joint, Universal 3/8" Dr.	ASME B107.10M	
	J5498	Metal Tool Box		

# Sockets, Drive Tools, Accessories



## SET NO. J52224 - 3/8" DRIVE 20 PC. METRIC SOCKET SET - 12 POINT

**METRIC**

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 7.97 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52224</b>	J5206M	Socket 3/8" Dr. 6 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5207M	Socket 3/8" Dr. 7 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5208M	Socket 3/8" Dr. 8 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5209M	Socket 3/8" Dr. 9 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5210M	Socket 3/8" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5211M	Socket 3/8" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5212M	Socket 3/8" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5213M	Socket 3/8" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5214M	Socket 3/8" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5215M	Socket 3/8" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5216M	Socket 3/8" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5217M	Socket 3/8" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5218M	Socket 3/8" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5219M	Socket 3/8" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5249	Ratchet 3/8" Dr.	ASME B107.10M	
	J5260	Extension 3/8" Dr. 3"	ASME B107.10M	AS 4283
	J5262	Extension 3/8" Dr. 12"	ASME B107.10M	AS 4283
	J5265	Handle, Hinge 3/8" Dr. 7-7/8"	ASME B107.10M	AS 4283
	J5270A	Joint, Universal 3/8" Dr.	ASME B107.10M	
	J5280	Handle, Speed 3/8" Dr. 17-1/2"	ASME B107.10M	
	J5498	Metal Tool Box		



## SET NO. J52218 - 3/8" DRIVE 16 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 4.07 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52218</b>	J5206M	Socket 3/8" Dr. 6 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5207M	Socket 3/8" Dr. 7 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5208M	Socket 3/8" Dr. 8 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5209M	Socket 3/8" Dr. 9 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5210M	Socket 3/8" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5211M	Socket 3/8" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5212M	Socket 3/8" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5213M	Socket 3/8" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5214M	Socket 3/8" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5215M	Socket 3/8" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5216M	Socket 3/8" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5217M	Socket 3/8" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5218M	Socket 3/8" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5219M	Socket 3/8" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5249	Ratchet 3/8" Dr.	ASME B107.10M	
	J5260-06	Extension 3/8" Dr. 6"	ASME B107.10M	AS 4283
J4795	Metal Box			

# Sockets, Drive Tools, Accessories



## SET NO. J52126 - 3/8" DRIVE 13 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 2.1 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J52126</b>	J5208H	Socket, 3/8" Dr. 1/4" 6 Pt.	ASME B107.1
	J5210H	Socket, 3/8" Dr. 5/16" 6 Pt.	ASME B107.1
	J5212H	Socket, 3/8" Dr. 3/8" 6 Pt.	ASME B107.1
	J5214H	Socket, 3/8" Dr. 7/16" 6 Pt.	ASME B107.1
	J5216H	Socket, 3/8" Dr. 1/2" 6 Pt.	ASME B107.1
	J5218H	Socket, 3/8" Dr. 9/16" 6 Pt.	ASME B107.1
	J5220H	Socket, 3/8" Dr. 5/8" 6 Pt.	ASME B107.1
	J5222H	Socket, 3/8" Dr. 11/16" 6 Pt.	ASME B107.1
	J5224H	Socket, 3/8" Dr. 3/4" 6 Pt.	ASME B107.1
	J5226H	Socket, 3/8" Dr. 13/16" 6 Pt.	ASME B107.1
	J5228H	Socket, 3/8" Dr. 7/8" 6 Pt.	ASME B107.1
	J5230H	Socket, 3/8" Dr. 15/16" 6 Pt.	ASME B107.1
	J5232H	Socket, 3/8" Dr. 1" 6 Pt.	ASME B107.1
	J2586	Socket Bar 13"	
	J2591	Socket Clips	



## SET NO. J52122 - 3/8" DRIVE 10 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 1.34 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J52122</b>	J5210H	Socket, 3/8" Dr. 5/16" 6 Pt.	ASME B107.1
	J5212H	Socket, 3/8" Dr. 3/8" 6 Pt.	ASME B107.1
	J5214H	Socket, 3/8" Dr. 7/16" 6 Pt.	ASME B107.1
	J5216H	Socket, 3/8" Dr. 1/2" 6 Pt.	ASME B107.1
	J5218H	Socket, 3/8" Dr. 9/16" 6 Pt.	ASME B107.1
	J5220H	Socket, 3/8" Dr. 5/8" 6 Pt.	ASME B107.1
	J5222H	Socket, 3/8" Dr. 11/16" 6 Pt.	ASME B107.1
	J5224H	Socket, 3/8" Dr. 3/4" 6 Pt.	ASME B107.1
	J5226H	Socket, 3/8" Dr. 13/16" 6 Pt.	ASME B107.1
	J5228H	Socket, 3/8" Dr. 7/8" 6 Pt.	ASME B107.1
	J2585	Socket Bar 9"	
	J2591	Socket Clips	



# Sockets, Drive Tools, Accessories



## SET NO. J52124 - 3/8" DRIVE 13 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 1.96 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52124</b>	J5208	Socket 3/8" Dr. 1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5210	Socket 3/8" Dr. 5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5212	Socket, 3/8" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5214	Socket, 3/8" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5216	Socket, 3/8" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5218	Socket, 3/8" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5220	Socket, 3/8" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5222	Socket, 3/8" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5224	Socket, 3/8" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5226	Socket, 3/8" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5228	Socket, 3/8" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5230	Socket, 3/8" Dr. 15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5232	Socket, 3/8" Dr. 1" 12 Pt.	ASME B107.1	AS954E S3.8.1
J2586	Socket Bar 13"			
J2591	Socket Clips			



## SET NO. J52118 - 3/8" DRIVE 10 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 1.3 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52118</b>	J5210	Socket, 3/8" Dr. 5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5212	Socket, 3/8" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5214	Socket, 3/8" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5216	Socket, 3/8" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5218	Socket, 3/8" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5220	Socket, 3/8" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5222	Socket, 3/8" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5224	Socket, 3/8" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5226	Socket, 3/8" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5228	Socket, 3/8" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
J2585	Socket Bar 9"			
J2591	Socket Clips			

# Sockets, Drive Tools, Accessories



## SET NO. J52211 - 3/8" DRIVE 21 PC. METRIC SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 3.36 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J52211</b>	J5206MH	Socket, 3/8" Dr. 6 mm 6 Pt.	ASME B107.5M
	J5207MH	Socket, 3/8" Dr. 7 mm 6 Pt.	ASME B107.5M
	J5208MH	Socket, 3/8" Dr. 8 mm 6 Pt.	ASME B107.5M
	J5209MH	Socket, 3/8" Dr. 9 mm 6 Pt.	ASME B107.5M
	J5210MH	Socket, 3/8" Dr. 10 mm 6 Pt.	ASME B107.5M
	J5211MH	Socket, 3/8" Dr. 11 mm 6 Pt.	ASME B107.5M
	J5212MH	Socket, 3/8" Dr. 12 mm 6 Pt.	ASME B107.5M
	J5213MH	Socket, 3/8" Dr. 13 mm 6 Pt.	ASME B107.5M
	J5214MH	Socket, 3/8" Dr. 14 mm 6 Pt.	ASME B107.5M
	J5215MH	Socket, 3/8" Dr. 15 mm 6 Pt.	ASME B107.5M
	J5216MH	Socket, 3/8" Dr. 16 mm 6 Pt.	ASME B107.5M
	J5217MH	Socket, 3/8" Dr. 17 mm 6 Pt.	ASME B107.5M
	J5218MH	Socket, 3/8" Dr. 18 mm 6 Pt.	ASME B107.5M
	J5219MH	Socket, 3/8" Dr. 19 mm 6 Pt.	ASME B107.5M
	J5220MH	Socket, 3/8" Dr. 20 mm 6 Pt.	ASME B107.5M
	J5221MH	Socket, 3/8" Dr. 21 mm 6 Pt.	ASME B107.5M
	J5222MH	Socket, 3/8" Dr. 22 mm 6 Pt.	ASME B107.5M
	J5223MH	Socket, 3/8" Dr. 23 mm 6 Pt.	ASME B107.5M
	J5224MH	Socket, 3/8" Dr. 24 mm 6 Pt.	ASME B107.5M
	J5225MH	Socket, 3/8" Dr. 25 mm 6 Pt.	ASME B107.5M
	J5226MH	Socket, 3/8" Dr. 26 mm 6 Pt.	ASME B107.5M
J2585	Socket Bar 9"		
J2588	Socket Bar 11"		
J2591	Socket Clips		



## SET NO. J52212 - 3/8" DRIVE 12 PC. METRIC SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 1.35 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J52212</b>	J5208MH	Socket 3/8" Drive 8mm 6 Pt	ASME B107.5M
	J5209MH	Socket 3/8" Drive 9mm 6 Pt	ASME B107.5M
	J5210MH	Socket 3/8" Drive 10mm 6 Pt	ASME B107.5M
	J5211MH	Socket 3/8" Drive 11mm 6 Pt	ASME B107.5M
	J5212MH	Socket 3/8" Drive 12mm 6 Pt	ASME B107.5M
	J5213MH	Socket 3/8" Drive 13mm 6 Pt	ASME B107.5M
	J5214MH	Socket 3/8" Drive 14mm 6 Pt	ASME B107.5M
	J5215MH	Socket 3/8" Drive 15mm 6 Pt	ASME B107.5M
	J5216MH	Socket 3/8" Drive 16mm 6 Pt	ASME B107.5M
	J5217MH	Socket 3/8" Drive 17mm 6 Pt	ASME B107.5M
	J5218MH	Socket 3/8" Drive 18mm 6 Pt	ASME B107.5M
	J5219MH	Socket 3/8" Drive 19mm 6 Pt	ASME B107.5M
J2586		Socket Bar 13"	
J2591		Socket Clips	

# Sockets, Drive Tools, Accessories



## SET NO. J52215 - 3/8" DRIVE 21 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 2.98 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52215</b>	J5206M	Socket 3/8" Dr., 6 mm 12 pt.	ASME B107.5M	AS954E S3.8.1
	J5207M	Socket 3/8" Dr., 7 mm 12 pt.	ASME B107.5M	AS954E S3.8.1
	J5208M	Socket, 3/8" Dr. 8 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5209M	Socket, 3/8" Dr. 9 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5210M	Socket, 3/8" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5211M	Socket, 3/8" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5212M	Socket, 3/8" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5213M	Socket, 3/8" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5214M	Socket, 3/8" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5215M	Socket, 3/8" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5216M	Socket, 3/8" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5217M	Socket, 3/8" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5218M	Socket, 3/8" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5219M	Socket, 3/8" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5220M	Socket 3/8" Dr., 20 mm 12 pt.	ASME B107.5M	AS954E S3.8.1
	J5221M	Socket, 3/8" Dr. 21 mm 12 pt.	ASME B107.5M	AS954E S3.8.1
	J5222M	Socket, 3/8" Dr. 22 mm 12 pt.	ASME B107.5M	AS954E S3.8.1
	J5223M	Socket, 3/8" Dr. 23 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5224M	Socket, 3/8" Dr. 24 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5225M	Socket, 3/8" Dr. 25 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5226M	Socket, 3/8" Dr. 26 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J2585	Socket Bar 9"		
	J2588	Socket Bar 11"		
	J2591	Socket Clips (10)		





## SET NO. J52216 - 3/8" DRIVE 12 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 1.32 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52216</b>	J5208M	Socket, 3/8" Dr. 8 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5209M	Socket, 3/8" Dr. 9 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5210M	Socket, 3/8" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5211M	Socket, 3/8" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5212M	Socket, 3/8" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5213M	Socket, 3/8" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5214M	Socket, 3/8" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5215M	Socket, 3/8" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5216M	Socket, 3/8" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5217M	Socket, 3/8" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5218M	Socket, 3/8" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5219M	Socket, 3/8" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
J2586	Socket Bar 13"			
J2591	Socket Clips			

# Sockets, Drive Tools, Accessories



## SET NO. J52114 - 3/8" DRIVE 13 PC. DEEP SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 3.73 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J52114</b>	J5008H	Socket, 3/8" Dr. 1/4" 6 Pt. Deep	ASME B107.1
	J5010H	Socket, 3/8" Dr. 5/16" 6 Pt. Deep	ASME B107.1
	J5012H	Socket, 3/8" Dr. 3/8" 6 Pt. Deep	ASME B107.1
	J5014H	Socket, 3/8" Dr. 7/16" 6 Pt. Deep	ASME B107.1
	J5016H	Socket, 3/8" Dr. 1/2" 6 Pt. Deep	ASME B107.1
	J5018H	Socket, 3/8" Dr. 9/16" 6 Pt. Deep	ASME B107.1
	J5020H	Socket, 3/8" Dr. 5/8" 6 Pt. Deep	ASME B107.1
	J5022H	Socket, 3/8" Dr. 11/16" 6 Pt. Deep	ASME B107.1
	J5024H	Socket, 3/8" Dr. 3/4" 6 Pt. Deep	ASME B107.1
	J5026H	Socket, 3/8" Dr. 13/16" 6 Pt. Deep	ASME B107.1
	J5028H	Socket, 3/8" Dr. 7/8" 6 Pt. Deep	ASME B107.1
	J5030H	Socket, 3/8" Dr. 15/16" 6 Pt. Deep	ASME B107.1
	J5032H	Socket, 3/8" Dr. 1" 6 Pt. Deep	ASME B107.1
	J2586	Socket Bar 13"	
	J2591	Socket Clips	



## SET NO. J52111 - 3/8" DRIVE 10 PC. DEEP SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 2.51 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J52111</b>	J5010H	Socket, 3/8" Dr. 5/16" 6 Pt. Deep	ASME B107.1
	J5012H	Socket, 3/8" Dr. 3/8" 6 Pt. Deep	ASME B107.1
	J5014H	Socket, 3/8" Dr. 7/16" 6 Pt. Deep	ASME B107.1
	J5016H	Socket, 3/8" Dr. 1/2" 6 Pt. Deep	ASME B107.1
	J5018H	Socket, 3/8" Dr. 9/16" 6 Pt. Deep	ASME B107.1
	J5020H	Socket, 3/8" Dr. 5/8" 6 Pt. Deep	ASME B107.1
	J5022H	Socket, 3/8" Dr. 11/16" 6 Pt. Deep	ASME B107.1
	J5024H	Socket, 3/8" Dr. 3/4" 6 Pt. Deep	ASME B107.1
	J5026H	Socket, 3/8" Dr. 13/16" 6 Pt. Deep	ASME B107.1
	J5028H	Socket, 3/8" Dr. 7/8" 6 Pt. Deep	ASME B107.1
	J2585	Socket Bar 9"	
	J2591	Socket Clips	

# Sockets, Drive Tools, Accessories



## SET NO. J52112 - 3/8" DRIVE 13 PC. DEEP SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 3.64 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52112</b>	J5008	Socket 3/8" Dr. 1/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5010	Socket 3/8" Dr. 5/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5012	Socket 3/8" Dr. 3/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5014	Socket 3/8" Dr. 7/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5016	Socket 3/8" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5018	Socket 3/8" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5020	Socket 3/8" Dr. 5/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5022	Socket 3/8" Dr. 11/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5024	Socket 3/8" Dr. 3/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5026	Socket 3/8" Dr. 13/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5028	Socket 3/8" Dr. 7/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5030	Socket 3/8" Dr. 15/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5032	Socket 3/8" Dr. 1" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J2586	Socket Bar 13"			
J2591	Socket Clips			



## SET NO. J52107 - 3/8" DRIVE 10 PC. DEEP SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 2.43 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52107</b>	J5010	Socket 3/8" Dr. 5/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5012	Socket 3/8" Dr. 3/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5014	Socket 3/8" Dr. 7/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5016	Socket 3/8" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5018	Socket 3/8" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5020	Socket 3/8" Dr. 5/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5022	Socket 3/8" Dr. 11/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5024	Socket 3/8" Dr. 3/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5026	Socket 3/8" Dr. 13/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5028	Socket 3/8" Dr. 7/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J2585	Socket Bar 9"		
J2591	Socket Clips			



# Sockets, Drive Tools, Accessories



## SET NO. J52203 - 3/8" DRIVE 18 PC. METRIC DEEP SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 4.78 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J52203</b>	J5006MH	Socket, 3/8" Dr. 6 mm 6 Pt. Deep	ASME B107.5M
	J5007MH	Socket, 3/8" Dr. 7 mm 6 Pt. Deep	ASME B107.5M
	J5008MH	Socket, 3/8" Dr. 8 mm 6 Pt. Deep	ASME B107.5M
	J5009MH	Socket, 3/8" Dr. 9 mm 6 Pt. Deep	ASME B107.5M
	J5010MH	Socket, 3/8" Dr. 10 mm 6 Pt. Deep	ASME B107.5M
	J5011MH	Socket, 3/8" Dr. 11 mm 6 Pt. Deep	ASME B107.5M
	J5012MH	Socket, 3/8" Dr. 12 mm 6 Pt. Deep	ASME B107.5M
	J5013MH	Socket, 3/8" Dr. 13 mm 6 Pt. Deep	ASME B107.5M
	J5014MH	Socket, 3/8" Dr. 14 mm 6 Pt. Deep	ASME B107.5M
	J5015MH	Socket, 3/8" Dr. 15 mm 6 Pt. Deep	ASME B107.5M
	J5016MH	Socket, 3/8" Dr. 16 mm 6 Pt. Deep	ASME B107.5M
	J5017MH	Socket, 3/8" Dr. 17 mm 6 Pt. Deep	ASME B107.5M
	J5018MH	Socket, 3/8" Dr. 18 mm 6 Pt. Deep	ASME B107.5M
	J5019MH	Socket, 3/8" Dr. 19 mm 6 Pt. Deep	ASME B107.5M
	J5020MH	Socket, 3/8" Dr. 20 mm 6 Pt. Deep	ASME B107.5M
	J5021MH	Socket, 3/8" Dr. 11 mm 6 Pt. Deep	ASME B107.5M
	J5022MH	Socket, 3/8" Dr. 22 mm 6 Pt. Deep	ASME B107.5M
	J5023MH	Socket, 3/8" Dr. 23 mm 6 Pt. Deep	ASME B107.5M
J2587	Socket Bar 17"		
J2591	Socket Clips		



## SET NO. J52205 - 3/8" DRIVE 12 PC. METRIC DEEP SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 2.62 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J52205</b>	J5008MH	Socket, 3/8" Dr. 8 mm 6 Pt. Deep	ASME B107.5M
	J5009MH	Socket, 3/8" Dr. 9 mm 6 Pt. Deep	ASME B107.5M
	J5010MH	Socket, 3/8" Dr. 10 mm 6 Pt. Deep	ASME B107.5M
	J5011MH	Socket, 3/8" Dr. 11 mm 6 Pt. Deep	ASME B107.5M
	J5012MH	Socket, 3/8" Dr. 12 mm 6 Pt. Deep	ASME B107.5M
	J5013MH	Socket, 3/8" Dr. 13 mm 6 Pt. Deep	ASME B107.5M
	J5014MH	Socket, 3/8" Dr. 14 mm 6 Pt. Deep	ASME B107.5M
	J5015MH	Socket, 3/8" Dr. 15 mm 6 Pt. Deep	ASME B107.5M
	J5016MH	Socket, 3/8" Dr. 16 mm 6 Pt. Deep	ASME B107.5M
	J5017MH	Socket, 3/8" Dr. 17 mm 6 Pt. Deep	ASME B107.5M
	J5018MH	Socket, 3/8" Dr. 18 mm 6 Pt. Deep	ASME B107.5M
	J5019MH	Socket, 3/8" Dr. 19 mm 6 Pt. Deep	ASME B107.5M
	J2586	Socket Bar 13"	
	J2591	Socket Clips	

# Sockets, Drive Tools, Accessories



## SET NO. J52207 - 3/8" DRIVE 18 PC. METRIC DEEP SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 4.55 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52207</b>	J5006M	Socket, 3/8" Dr. 6 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5007M	Socket, 3/8" Dr. 7 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5008M	Socket, 3/8" Dr. 8 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5009M	Socket, 3/8" Dr. 9 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5010M	Socket, 3/8" Dr. 10 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5011M	Socket, 3/8" Dr. 11 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5012M	Socket, 3/8" Dr. 12 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5013M	Socket, 3/8" Dr. 13 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5014M	Socket, 3/8" Dr. 14 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5015M	Socket, 3/8" Dr. 15 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5016M	Socket, 3/8" Dr. 16 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5017M	Socket, 3/8" Dr. 17 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5018M	Socket, 3/8" Dr. 18 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5019M	Socket, 3/8" Dr. 19 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5020M	Socket, 3/8" Dr. 20 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5021M	Socket, 3/8" Dr. 21 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5022M	Socket, 3/8" Dr. 22 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5023M	Socket, 3/8" Dr. 23 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J2587	Socket Bar 17"		
	J2591	Socket Clips		



## SET NO. J52209 - 3/8" DRIVE 12 PC. METRIC DEEP SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 2.52 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52209</b>	J5008M	Socket, 3/8" Dr. 8 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5009M	Socket, 3/8" Dr. 9 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5010M	Socket, 3/8" Dr. 10 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5011M	Socket, 3/8" Dr. 11 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5012M	Socket, 3/8" Dr. 12 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5013M	Socket, 3/8" Dr. 13 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5014M	Socket, 3/8" Dr. 14 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5015M	Socket, 3/8" Dr. 15 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5016M	Socket, 3/8" Dr. 16 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5017M	Socket, 3/8" Dr. 17 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5018M	Socket, 3/8" Dr. 18 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5019M	Socket, 3/8" Dr. 19 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J2586	Socket Bar 13"			
J2591	Socket Clips			

# Sockets, Drive Tools, Accessories



## SET NO. J52304 - 3/8" DRIVE 13 PC. PROTOBLACK™ SOCKET SET - 12 POINT

- Black oxide finish for hand use only.
- Proto® 12 Point Sockets 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 socket 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 socket, 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: 1.93 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52304</b>	J5208B	Socket, 3/8" Dr. 1/4" 12 Pt. Black Oxide	ASME B107.1	AS954E S3.8.1
	J5210B	Socket, 3/8" Dr. 5/16" 12 Pt. Black Oxide	ASME B107.1	AS954E S3.8.1
	J5212B	Socket, 3/8" Dr. 3/8" 12 Pt. Black Oxide	ASME B107.1	AS954E S3.8.1
	J5214B	Socket, 3/8" Dr. 7/16" 12 Pt. Black Oxide	ASME B107.1	AS954E S3.8.1
	J5216B	Socket, 3/8" Dr. 1/2" 12 Pt. Black Oxide	ASME B107.1	AS954E S3.8.1
	J5218B	Socket, 3/8" Dr. 9/16" 12 Pt. Black Oxide	ASME B107.1	AS954E S3.8.1
	J5220B	Socket, 3/8" Dr. 5/8" 12 Pt. Black Oxide	ASME B107.1	AS954E S3.8.1
	J5222B	Socket, 3/8" Dr. 11/16" 12 Pt. Black Oxide	ASME B107.1	AS954E S3.8.1
	J5224B	Socket, 3/8" Dr. 3/4" 12 Pt. Black Oxide	ASME B107.1	AS954E S3.8.1
	J5226B	Socket, 3/8" Dr. 3/16" 12 Pt. Black Oxide	ASME B107.1	AS954E S3.8.1
	J5228B	Socket, 3/8" Dr. 7/8" 12 Pt. Black Oxide	ASME B107.1	AS954E S3.8.1
	J5230B	Socket, 3/8" Dr. 15/16" 12 Pt. Black Oxide	ASME B107.1	AS954E S3.8.1
	J5232B	Socket, 3/8" Dr. 1" 12 Pt. Black Oxide	ASME B107.1	AS954E S3.8.1
J2586	Socket Bar 13"			
J2591	Socket Clips			





## SET NO. J52302 - 3/8" DRIVE 11 PC. PROTOBLACK™ DEEP SOCKET SET - 12 POINT

- Black oxide finish for hand use only.
- Proto® 12 Point Sockets 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 socket 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 socket, minimizing slippage.
- The TorquePlus™ internal design minimizes fastener roun-ding, helps to extend fastener life, and allows the user to more easily turn worn, rounded, or rusted fasteners.
- Weight: 3.39 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52302</b>	J5012B	Socket, 3/8" Dr. 3/8" 12 Pt. Deep Blk Oxide	ASME B107.1	AS954E S3.8.1
	J5014B	Socket, 3/8" Dr. 7/16" 12 Pt. Deep Blk Oxide	ASME B107.1	AS954E S3.8.1
	J5016B	Socket, 3/8" Dr. 1/2" 12 Pt. Deep Blk Oxide	ASME B107.1	AS954E S3.8.1
	J5018B	Socket, 3/8" Dr. 9/16" 12 Pt. Deep Blk Oxide	ASME B107.1	AS954E S3.8.1
	J5020B	Socket, 3/8" Dr. 5/8" 12 Pt. Deep Blk Oxide	ASME B107.1	AS954E S3.8.1
	J5022B	Socket, 3/8" Dr. 11/16" 12 Pt. Deep Blk Oxide	ASME B107.1	AS954E S3.8.1
	J5024B	Socket, 3/8" Dr. 3/4" 12 Pt. Deep Blk Oxide	ASME B107.1	AS954E S3.8.1
	J5026B	Socket, 3/8" Dr. 13/16" 12 Pt. Deep Blk Oxide	ASME B107.1	AS954E S3.8.1
	J5028B	Socket, 3/8" Dr. 7/8" 12 Pt. Deep Blk Oxide	ASME B107.1	AS954E S3.8.1
	J5030B	Socket, 3/8" Dr. 15/16" 12 Pt. Deep Blk Oxide	ASME B107.1	AS954E S3.8.1
	J5032B	Socket, 3/8" Dr. 1" 12 Pt. Deep Blk Oxide	ASME B107.1	AS954E S3.8.1
	J2585	Socket Bar 9"		
	J2591	Socket Clips		

# Sockets, Drive Tools, Accessories



## SET NO. J52123 - 3/8" DRIVE 10 PC. SUPER SHORT SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 0.82 lbs.



### Product

ID No.	Contents	Description
<b>J52123</b>	J5206HS	Socket, 3/8" Dr. 3/16" 6 Pt. Super Short
	J5208HS	Socket, 3/8" Dr. 1/4" 6 Pt. Super Short
	J5210HS	Socket, 3/8" Dr. 5/16" 6 Pt. Super Short
	J5212HS	Socket, 3/8" Dr. 3/8" 6 Pt. Super Short
	J5214HS	Socket, 3/8" Dr. 7/16" 6 Pt. Super Short
	J5216HS	Socket, 3/8" Dr. 1/2" 6 Pt. Super Short
	J5218HS	Socket, 3/8" Dr. 9/16" 6 Pt. Super Short
	J5220HS	Socket, 3/8" Dr. 5/8" 6 Pt. Super Short
	J5222HS	Socket, 3/8" Dr. 11/16" 6 Pt. Super Short
	J5224HS	Socket, 3/8" Dr. 3/4" 6 Pt. Super Short
	J2585	Socket Bar 9"
	J2591	Socket Clips



## SET NO. J52213 - 3/8" DRIVE 11 PC. METRIC SUPER SHORT SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 1.05 lbs.



Product			ASME
ID No.	Contents	Description	Spec.
<b>J52213</b>	J5209MHS	Socket, 3/8" Dr. 9 mm 6 Pt. Super Short	ASME B107.5M
	J5210MHS	Socket, 3/8" Dr. 10 mm 6 Pt. Super Short	ASME B107.5M
	J5211MHS	Socket, 3/8" Dr. 11 mm 6 Pt. Super Short	ASME B107.5M
	J5212MHS	Socket, 3/8" Dr. 12 mm 6 Pt. Super Short	ASME B107.5M
	J5213MHS	Socket, 3/8" Dr. 13 mm 6 Pt. Super Short	ASME B107.5M
	J5214MHS	Socket, 3/8" Dr. 14 mm 6 Pt. Super Short	ASME B107.5M
	J5215MHS	Socket, 3/8" Dr. 15 mm 6 Pt. Super Short	ASME B107.5M
	J5216MHS	Socket, 3/8" Dr. 16 mm 6 Pt. Super Short	ASME B107.5M
	J5217MHS	Socket, 3/8" Dr. 17 mm 6 Pt. Super Short	ASME B107.5M
	J5218MHS	Socket, 3/8" Dr. 18 mm 6 Pt. Super Short	ASME B107.5M
	J5219MHS	Socket, 3/8" Dr. 19 mm 6 Pt. Super Short	ASME B107.5M
	J2586	Socket Bar 13"	
	J2591	Socket Clips	

# Sockets, Drive Tools, Accessories



## SET NO. J52100 - 3/8" DRIVE 7 PC. UNIVERSAL SOCKET SET - 6 POINT

- Proto® 6 Universal Point Sockets 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 socket 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 socket, 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.
- Long durability is provided by employing a pin system to connect the central block to the driving end and open end.
- Weight: 0.97 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J52100</b>	J5273H	Socket, 3/8" Dr. 3/8" 6 Pt. Universal	ASME B107.1
	J5274H	Socket, 3/8" Dr. 7/16" 6 Pt. Universal	ASME B107.1
	J5275H	Socket, 3/8" Dr. 1/2" 6 Pt. Universal	ASME B107.1
	J5276H	Socket, 3/8" Dr. 9/16" 6 Pt. Universal	ASME B107.1
	J5277H	Socket, 3/8" Dr. 5/8" 6 Pt. Universal	ASME B107.1
	J5278H	Socket, 3/8" Dr. 11/16" 6 Pt. Universal	ASME B107.1
	J5279H	Socket, 3/8" Dr. 3/4" 6 Pt. Universal	ASME B107.1
	J2584	Bar Socket 6-1/4"	
	J2591	Socket Clips (10)	



## SET NO. J52201 - 3/8" DRIVE 10 PC. METRIC UNIVERSAL SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 1.36 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J52201</b>	J5273MH	Socket, 3/8" Dr. 10 mm 6 Pt. Universal	ASME B107.5M
	J5274MH	Socket, 3/8" Dr. 11 mm 6 Pt. Universal	ASME B107.5M
	J5275MH	Socket, 3/8" Dr. 12 mm 6 Pt. Universal	ASME B107.5M
	J5276MH	Socket, 3/8" Dr. 13 mm 6 Pt. Universal	ASME B107.5M
	J5277MH	Socket, 3/8" Dr. 14 mm 6 Pt. Universal	ASME B107.5M
	J5278MH	Socket, 3/8" Dr. 15 mm 6 Pt. Universal	ASME B107.5M
	J5279MH	Socket, 3/8" Dr. 16 mm 6 Pt. Universal	ASME B107.5M
	J5280MH	Socket, 3/8" Dr. 17 mm 6 Pt. Universal	ASME B107.5M
	J5281MH	Socket, 3/8" Dr. 18 mm 6 Pt. Universal	ASME B107.5M
	J5282MH	Socket, 3/8" Dr. 19 mm 6 Pt. Universal	ASME B107.5M
	J2585	Socket Bar 9"	
	J2591	Socket Clips (10)	



# Sockets, Drive Tools, Accessories



## SET NO. J52102 - 3/8" DRIVE 7 PC. UNIVERSAL SOCKET SET - 12 POINT

- Proto® 12 Point Universal Sockets 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 socket 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 socket, 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.
- Long durability is provided by employing a pin system to connect the central block to the driving end and open end.
- Weight: 0.94 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52102</b>	J5273	Socket, Universal 3/8" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5274	Socket, Universal 3/8" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5275	Socket, Universal 3/8" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5276	Socket, Universal 3/8" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5277	Socket, Universal 3/8" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5278	Socket, Universal 3/8" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5279	Socket, Universal 3/8" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J2584	Socket Bar 6-1/4"		
	J2591	Socket Clips		



## SET NO. J52200 - 3/8" DRIVE 7 PC. METRIC UNIVERSAL SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Universal Sockets 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 socket 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 socket, 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: .92 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J52200</b>	J5272M	Socket, Universal 3/8" Dr. 9 mm	ASME B107.5M	AS954E S3.8.1
	J5273M	Socket, Universal 3/8" Dr. 10 mm	ASME B107.5M	AS954E S3.8.1
	J5274M	Socket, Universal 3/8" Dr. 11 mm	ASME B107.5M	AS954E S3.8.1
	J5275M	Socket, Universal 3/8" Dr. 12 mm	ASME B107.5M	AS954E S3.8.1
	J5276M	Socket, Universal 3/8" Dr. 13 mm	ASME B107.5M	AS954E S3.8.1
	J5277M	Socket, Universal 3/8" Dr. 14 mm	ASME B107.5M	AS954E S3.8.1
	J5278M	Socket, Universal 3/8" Dr. 15 mm	ASME B107.5M	AS954E S3.8.1
J2584	Bar Socket 6-1/4"			
J2591	Socket Clips			


# Sockets, Drive Tools, Accessories



## SET NO. J4900A - 3/8" AND 1/2" DRIVE 10 PC. HEX BIT SET

- Set includes blow molded box.
- Proto® bits are offered in a broad range to accommodate production assembly applications.
- Weight: 3.15 lbs.




Product ID No.	Contents	 in.	Drive Size
<b>J4900A</b>	J4990 1/8	1/8"	3/8 Inch
	J4990 5/32	5/32"	3/8 Inch
	J4990 3/16	3/16"	3/8 Inch
	J4990 7/32	7/32"	3/8 Inch
	J4990 1/4	1/4"	3/8 Inch
	J4990 5/16	5/16"	3/8 Inch
	J4990 3/8	3/8"	3/8 Inch
	J5441 1/2	1/2"	1/2 Inch
	J5441 9/16	9/16"	1/2 Inch
	J5441 5/8	5/8"	1/2 Inch
J4968PB	Blow Molded Box		

## SET NO. J4900AC - 3/8" AND 1/2" DRIVE 10 PC. HEX BIT SET

- Set includes socket bar and clips.
- Proto® bits are offered in a broad range to accommodate production assembly applications.
- Weight: 2.91 lbs.




Product ID No.	Contents	 in.	Drive Size
<b>J4900AC</b>	J4990 1/8	1/8"	3/8 Inch
	J4990 5/32	5/32"	3/8 Inch
	J4990 3/16	3/16"	3/8 Inch
	J4990 7/32	7/32"	3/8 Inch
	J4990 1/4	1/4"	3/8 Inch
	J4990 5/16	5/16"	3/8 Inch
	J4990 3/8	3/8"	3/8 Inch
	J5441 1/2	1/2"	1/2 Inch
	J5441 9/16	9/16"	1/2 Inch
	J5441 5/8	5/8"	1/2 Inch
J2585	Socket Bar 9"		
J2591	Socket Clips		
J2592	Socket Clips 1/2" Dr.		



## SET NO. J4900MA - 3/8" & 1/2" DRIVE 10 PC. METRIC HEX BIT SET

**M**ETRIC


- Set includes blow molded box.
- Proto® bits are offered in a broad range to accommodate production assembly applications.
- Weight: 3.11 lbs.

Product ID No.	Contents	 mm	Drive Size
<b>J4900MA</b>	J4990-4M	4	3/8 Inch
	J4990-5M	5	3/8 Inch
	J4990-6M	6	3/8 Inch
	J4990-7M	7	3/8 Inch
	J4990-8M	8	3/8 Inch
	J4990-9M	9	3/8 Inch
	J4990-10M	10	3/8 Inch
	J5441-12M	12	1/2 Inch
	J5441-14M	14	1/2 Inch
	J5441-17M	17	1/2 Inch
J4968PB	Blow Molded Box		



## SET NO. J4900-7C - 3/8" DRIVE 7 PC. HEX BIT SET

- Proto® bits are offered in a broad range to accommodate production assembly applications.
- Hex bit set includes socket bar and socket clips.
- Weight: 0.99 lbs.

Product ID No.	Contents	 in.
<b>J4900-7C</b>	J4990 1/8	1/8"
	J4990 5/32	5/32"
	J4990 3/16	3/16"
	J4990 7/32	7/32"
	J4990 1/4	1/4"
	J4990 5/16	5/16"
	J4990 3/8	3/8"
J2584	Bar Socket 6-1/4"	
J2591	Socket Clips	




# Sockets, Drive Tools, Accessories



## SET NO. J4900BD - 3/8 DRIVE 7 PC. BALL STYLE EXTRA LONG HEX BIT SET

- Set includes socket bar and socket clips.
- Extra long bits for additional reach.
- Weight: 1.46 lbs.




Product ID No.	Contents	 in.
<b>J4900BD</b>	J4904BD	1/8"
	J4905BD	5/32"
	J4906BD	3/16"
	J4907BD	7/32"
	J4908BD	1/4"
	J4910BD	5/16"
	J4912BD	3/8"
J2584	Bar Socket 6-1/4"	
J2591	Socket Clips	

## SET NO. J4990-7ST - 3/8" DRIVE 7 PC. SHORT HEX BIT SET

- Set includes socket bar and socket clips.
- Short hex bit set for working in tight spaces.
- Weight: .84 lbs.




Product ID No.	Contents	 in.
<b>J4990-7ST</b>	J4990 1/8ST	1/8"
	J4990 5/32ST	5/32"
	J4990 3/16ST	3/16"
	J4990 7/32ST	7/32"
	J4990 1/4ST	1/4"
	J4990 5/16ST	5/16"
	J4990 3/8ST	3/8"
J2584	Socket Bar 6-1/4"	
J2591	Socket Clips	





## SET NO. J4990-7XL - 3/8" DRIVE 7 PC. EXTRA LONG HEX BIT SET

- Set includes socket bar and socket clips.
- Extra long bits for additional reach.
- Weight: 1.21 lbs.


Product ID No.	Contents	 in.
<b>J4990-7XL</b>	J4990 1/8XL	1/8"
	J4990 5/32XL	5/32"
	J4990 3/16XL	3/16"
	J4990 7/32XL	7/32"
	J4990 1/4XL	1/4"
	J4990 5/16XL	5/16"
	J4990 3/8XL	3/8"
J2584	Socket Bar 6-1/4"	
J2591	Socket Clip	



## SET NO. J4990-MST - 3/8" DRIVE 7 PC. METRIC SHORT HEX BIT SET

**M**ETRIC

- Set includes socket bar and socket clips.
- Short hex bits for working in tight spaces.
- Weight: .83 lbs.

Product ID No.	Contents	 mm
<b>J4990-MST</b>	J4990-4MST	4 mm
	J4990-5MST	5 mm
	J4990-6MST	6 mm
	J4990-7MST	7 mm
	J4990-8MST	8 mm
	J4990-9MST	9 mm
	J4990-10MST	10 mm
J2584	Bar Socket 6-1/4"	
J2591	Socket Clips	




# Sockets, Drive Tools, Accessories



## SET NO. J4990-SMA - 3/8" DRIVE 7 PC. METRIC HEX BIT SET

**M**ETRIC


- Set includes socket bar and socket clips.
- Short metric hex bits for working in tight spaces.
- Weight: 1.04 lbs.

Product ID No.	Contents	 mm
<b>J4990-SMA</b>	J4990-4M	4
	J4990-5M	5
	J4990-6M	6
	J4990-7M	7
	J4990-8M	8
	J4990-9M	9
	J4990-10M	10
	J2584	Bar Socket 6-1/4"
	J2591	Socket Clips



## SET NO. J4990-SMXL - 3/8" DRIVE 6 PC. METRIC EXTRA LONG HEX BIT SET

- Set includes socket bar and socket clips.
- Extra long bits for additional reach.
- Weight: 1.23 lbs.

Product ID No.	Contents	 mm
<b>J4990-SMXL</b>	J4990-4MXL	4
	J4990-5MXL	5
	J4990-6MXL	6
	J4990-7MXL	7
	J4990-8MXL	8
	J4990-10MXL	10
	J2584	Socket Bar 6-1/4"
	J2591	Socket Clips



## SET NO. J52006 - 3/8" DRIVE 6 PC. ADAPTER SET

- Set includes socket bar and socket clips.
- A variety of adapters are offered to meet most industrial applications.
- Weight: 1.33 lbs.




Product ID No.	Contents	Description	ASME Spec.
<b>J52006</b>	J5255	Adapter 3/8" F x 1/4" M	ASME B107.10M
	J5256	Adapter 1/4" F x 3/8" M	ASME B107.10M
	J5253	Adapter 3/8" F x 1/2" M	ASME B107.10M
	J7651	Socket Imp. Adapter 1/2" F x 3/8" M	ASME B107.2
	J7652	Socket Imp. Adapter 1/2" F x 3/4" M	ASME B107.2
	J7653	Socket Imp. Adapter 3/4" F x 1/2" M	ASME B107.2
	J2584	Socket Bar 6-1/4"	
	J2590	Socket Clips	
J2592	Socket Clips 1/2" Dr.		

## SET NO. J5238C - 3/8" DRIVE 6 PC. TORX® BIT SET

- Proto® bits are offered in a broad range to accommodate production assembly applications.
- Hex bit set includes socket bar and socket clips.
- Weight: .78 lbs.



Product ID No.	Contents	
<b>J5238C</b>	J5239-15W	T15
	J5239-20W	T20
	J5239-25W	T25
	J5239-27W	T27
	J5239-30W	T30
	J5239-40W	T40
	J2584	Bar Socket 6-1/4"
J2591	Socket Clips	




# Sockets, Drive Tools, Accessories

## SET NO. J5239C - 3/8" DRIVE 8 PC. TORX® BIT SET

- Proto® bits are offered in a broad range to accommodate production assembly applications.
- Hex bit set includes socket bar and socket clips.
- Weight: 1.04 lbs.



Product ID No.	Contents	
<b>J5239C</b>	J5239-15W	T15
	J5239-20W	T20
	J5239-25W	T25
	J5239-27W	T27
	J5239-30W	T30
	J5239-40W	T40
	J5239-45W	T45
	J5239-50W	T50
J2585	Socket Bar 9"	
J2591	Socket Clips	



## SET NO. J5239P - 1/4" AND 3/8" DRIVE 11 PC. TORX® BIT SET

- Not for use on impact application.
- 1/4" and 3/8" drive, 1/4" and 5/16" hex.
- Weight: 0.36 lbs.



Product		
ID No.	Contents	Description
<b>J5239P</b>	J60508	Bit, Insert T10 Torx® 1/4" Hex
	J60510	Bit, Insert T15 Torx® 1/4" Hex
	J60512	Bit, Insert T20 Torx® 1/4" Hex
	J60514	Bit, Insert T25 Torx® 1/4" Hex
	J60516	Bit, Insert T27 Torx® 1/4" Hex
	J60518	Bit, Insert T30 Torx® 1/4" Hex
	J60562	Bit, Insert T40 Torx® 1/4" Hex
	J60564	Bit, Insert T45 Torx® 1/4" Hex
	J60566	Bit, Insert T50 Torx® 1/4" Hex
	J6930	Bit, Holder Power 3/8" Dr. 5/16" Hex
	J6931	Bit, Holder Power 3/8" Dr. 1/4" Hex
	J25TR50C	Pouch

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# Sockets, Drive Tools, Accessories



## 3/8" DRIVE STANDARD LENGTH SOCKETS - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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.



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.
J5206H	3/16"	5/16"	43/64"	23/64"	21/32"	1-3/32"	0.07 lbs.	ASME B107.1
J5208H	1/4"	13/32"	43/64"	23/64"	21/32"	1-3/32"	0.05 lbs.	ASME B107.1
J5209H	9/32"	27/64"	43/64"	23/64"	21/32"	1-3/32"	0.05 lbs.	ASME B107.1
J5210H	5/16"	15/32"	43/64"	23/64"	21/32"	1-3/32"	0.06 lbs.	ASME B107.1
J5211H	11/32"	1/2"	43/64"	23/64"	21/32"	1-3/32"	0.06 lbs.	ASME B107.1
J5212H	3/8"	9/16"	43/64"	23/64"	21/32"	1-3/32"	0.07 lbs.	ASME B107.1
J5214H	7/16"	41/64"	43/64"	23/64"	21/32"	1-3/32"	0.06 lbs.	ASME B107.1
J5216H	1/2"	47/64"	47/64"	23/64"	11/16"	1-1/8"	0.08 lbs.	ASME B107.1
J5218H	9/16"	13/16"	13/16"	1/2"	11/16"	1-1/8"	0.09 lbs.	ASME B107.1
J5220H	5/8"	7/8"	7/8"	33/64"	11/16"	1-1/8"	0.11 lbs.	ASME B107.1
J5222H	11/16"	61/64"	61/64"	17/32"	11/16"	1-1/8"	0.13 lbs.	ASME B107.1
J5224H	3/4"	1-1/64"	1-1/64"	39/64"	3/4"	1-3/16"	0.15 lbs.	ASME B107.1
J5226H	13/16"	1-3/32"	1-3/32"	39/64"	3/4"	1-3/16"	0.18 lbs.	ASME B107.1
J5228H	7/8"	1-3/16"	1-3/16"	43/64"	7/8"	1-5/16"	0.24 lbs.	ASME B107.1
J5230H	15/16"	1-1/4"	1-1/4"	49/64"	7/8"	1-5/16"	0.26 lbs.	ASME B107.1
J5232H	1"	1-5/16"	1-5/16"	13/16"	15/16"	1-3/8"	0.30 lbs.	ASME B107.1



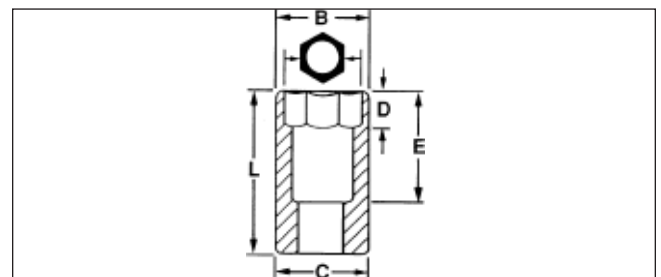
## 3/8" DRIVE METRIC STANDARD LENGTH SOCKETS - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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.



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.
J5205MH	5.5	9.2	17.0	6.5	16.7	27.8	0.04 lbs.	ASME B107.5M
J5206MH	6	10.0	17.0	6.5	15.6	27.8	0.04 lbs.	ASME B107.5M
J5207MH	7	10.9	17.0	6.5	15.6	27.8	0.05 lbs.	ASME B107.5M
J5208MH	6	12.0	17.0	6.5	15.6	27.8	0.04 lbs.	ASME B107.5M
J5209MH	9	12.9	17.0	7.0	15.6	27.8	0.04 lbs.	ASME B107.5M
J5210MH	10	14.9	17.0	7.0	27.8	27.8	0.04 lbs.	ASME B107.5M
J5211MH	11	16.4	17.0	7.0	15.6	27.8	0.04 lbs.	ASME B107.5M
J5212MH	12	17.7	17.7	7.0	17.3	28.5	0.05 lbs.	ASME B107.5M
J5213MH	13	18.7	18.7	7.0	17.3	28.5	0.08 lbs.	ASME B107.5M
J5214MH	14	19.8	19.8	12.0	17.3	28.5	0.08 lbs.	ASME B107.5M
J5215MH	15	21.4	21.4	13.5	17.3	28.5	0.09 lbs.	ASME B107.5M
J5216MH	16	22.0	22.0	13.5	17.3	28.5	0.09 lbs.	ASME B107.5M
J5217MH	17	23.7	23.7	13.5	17.3	28.5	0.13 lbs.	ASME B107.5M
J5218MH	18	24.2	24.2	13.5	18.9	30.1	0.13 lbs.	ASME B107.5M
J5219MH	19	25.5	25.5	13.5	18.9	30.1	0.14 lbs.	ASME B107.5M
J5220MH	20	27.6	27.6	16.0	18.9	30.1	0.16 lbs.	ASME B107.5M
J5221MH	21	27.6	27.6	16.0	20.2	31.2	0.18 lbs.	ASME B107.5M
J5222MH	22	29.9	29.9	17.0	22.5	33.5	0.24 lbs.	ASME B107.5M
J5223MH	23	30.0	30.0	22.5	22.5	33.5	0.23 lbs.	ASME B107.5M
J5224MH	24	31.7	31.7	19.5	22.5	33.5	0.26 lbs.	ASME B107.5M
J5225MH	25	3.7	33.7	19.5	23.8	34.8	0.32 lbs.	ASME B107.5M
J5226MH	26	33.7	33.7	19.5	23.8	34.8	0.30 lbs.	ASME B107.5M




# Sockets, Drive Tools, Accessories



## 3/8" DRIVE STANDARD LENGTH SOCKETS - 8 POINT

- For square fasteners.


Product ID No.	 in.	B	C	D	E	L	Weight lbs.	ASME Spec.
<b>J5208S</b>	1/4"	35/34"	5/8"	1/4"	39/64"	1-5/64"	0.04 lbs.	ASME B107.1
<b>J5210S</b>	5/16"	9/16"	5/8"	1/4"	39/64"	1-5/64"	0.05 lbs.	ASME B107.1
<b>J5212S</b>	3/8"	11/16"	11/16"	1/4"	39/64"	1-5/64"	0.07 lbs.	ASME B107.1
<b>J5214S</b>	7/16"	3/4"	3/4"	17/64"	39/64"	1-5/64"	0.08 lbs.	ASME B107.1
<b>J5216S</b>	1/2"	7/8"	7/8"	5/16"	21/32"	1-1/8"	0.12 lbs.	ASME B107.1



## 3/8" DRIVE STANDARD LENGTH SOCKETS - 12 POINTS

- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	 in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
<b>J5208</b>	1/4"	25/64"	43/64"	23/64"	21/32"	1-3/32"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5209</b>	9/32"	27/64"	43/64"	21/32"	21/32"	1-3/32"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5210</b>	5/16"	15/32"	43/64"	23/64"	21/32"	1-3/32"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5211</b>	11/32"	1/2"	43/64"	23/64"	21/32"	1-3/32"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5212</b>	3/8"	35/64"	43/64"	23/64"	21/32"	1-3/32"	0.06 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5214</b>	7/16"	41/64"	43/64"	23/64"	21/32"	1-3/32"	0.06 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5216</b>	1/2"	47/64"	47/64"	23/64"	21/64"	1-1/18"	0.08 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5217</b>	17/32"	49/64"	49/64"	23/64"	11/16"	1-1/8"	0.08 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5218</b>	9/16"	13/16"	13/16"	1/2"	11/16"	1-9/16"	0.09 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5220</b>	5/8"	7/8"	7/8"	33/64"	11/16"	1-1/8"	0.10 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5222</b>	11/16"	61/64"	61/64"	17/32"	11/16"	1-1/8"	0.13 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5224</b>	3/4"	1-1/32"	1-1/32"	39/64"	3/4"	1-3/16"	0.15 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5225</b>	25/32"	1-1/16"	1-1/16"	39/64"	3/4"	1-3/16"	0.16 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5226</b>	13/16"	1-3/32"	1-3/32"	39/64"	3/4"	1-3/16"	0.17 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5228</b>	7/8"	1-3/16"	1-3/16"	41/64"	7/8"	1-5/16"	0.24 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5230</b>	15/16"	1-1/4"	1-1/4"	49/64"	7/8"	1-5/16"	0.25 lbs.	ASME B107.1	AS954E S3.8.1
<b>J5232</b>	1"	1-5/16"	1-5/16"	13/16"	59/64"	1-3/8"	0.27 lbs.	ASME B107.1	AS954E S3.8.1



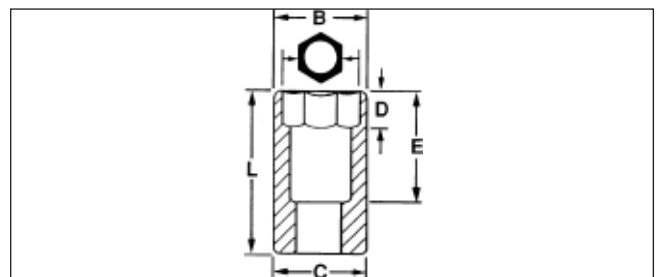
## 3/8" DRIVE METRIC STANDARD LENGTH SOCKETS - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5206M	6	10.0	17.0	6.5	17.8	27.8	0.05 lbs.	ASME B107.5M	AS954E S3.8.1
J5207M	7	10.9	17.0	6.5	17.8	27.8	0.05 lbs.	ASME B107.5M	AS954E S3.8.1
J5208M	8	12.0	17"	6.5	17.8	27.8	0.06 lbs.	ASME B107.5M	AS954E S3.8.1
J5209M	9	12.9	17.0	7.0	17.8	27.8	0.05 lbs.	ASME B107.5M	AS954E S3.8.1
J5210M	10	14.9	17.0	8.0	17.8	27.8	0.06 lbs.	ASME B107.5M	AS954E S3.8.1
J5211M	11	16.4	17.0	8.5	17.8	27.8	0.07 lbs.	ASME B107.5M	AS954E S3.8.1
J5212M	12	17.7	17.7	7.0	12.8	28.5	0.05 lbs.	ASME B107.5M	AS954E S3.8.1
J5213M	13	18.7	18.7	7.0	12.8	28.5	0.07 lbs.	ASME B107.5M	AS954E S3.8.1
J5214M	14	19.8	19.8	12.0	11.0	28.5	0.08 lbs.	ASME B107.5M	AS954E S3.8.1
J5215M	15	21.4	21.4	13.5	11.0	28.5	0.10 lbs.	ASME B107.5M	AS954E S3.8.1
J5216M	16	22.0	22.0	13.5	11.0	28.5	0.10 lbs.	ASME B107.5M	AS954E S3.8.1
J5217M	17	23.7	23.7	13.5	11.0	28.5	0.12 lbs.	ASME B107.5M	AS954E S3.8.1
J5218M	18	24.2	24.2	13.5	12.6	30.1	0.12 lbs.	ASME B107.5M	AS954E S3.8.1
J5219M	19	25.5	25.5	13.5	12.6	30.1	0.14 lbs.	ASME B107.5M	AS954E S3.8.1
J5220M	20	27.6	27.6	16.0	12.6	30.1	0.17 lbs.	ASME B107.5M	AS954E S3.8.1
J5221M	21	27.8	27.8	14.3	16.2	32.4	0.18 lbs.	ASME B107.5M	AS954E S3.8.1
J5222M	22	29.9	29.9	17.0	16.0	33.5	0.22 lbs.	ASME B107.5M	AS954E S3.8.1
J5223M	23	30.0	30.0	18.5	16.0	33.5	0.21 lbs.	ASME B107.5M	AS954E S3.8.1
J5224M	24	31.7	31.7	19.5	14.5	33.5	0.23 lbs.	ASME B107.5M	AS954E S3.8.1
J5225M	25	33.7	33.7	19.5	15.8	34.8	0.29 lbs.	ASME B107.5M	AS954E S3.8.1
J5226M	26	33.7	33.7	19.5	23.6	34.8	0.26 lbs.	ASME B107.5M	AS954E S3.8.1



# Sockets, Drive Tools, Accessories



## 3/8" DRIVE STANDARD LENGTH PROTOBLACK™ SOCKETS - 12 POINT

- Black oxide finish - for hand use only.
- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5208B	1/4"	25/64"	43/64"	23/64"	21/32"	1-3/32"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
J5210B	5/16"	29/64"	43/64"	11/32"	39/64"	1-3/32"	0.06 lbs.	ASME B107.1	AS954E S3.8.1
J5212B	3/8"	35/64"	43/64"	11/32"	39/64"	1-3/32"	0.05 lbs.	ASME B107.1	AS954E S3.8.1
J5214B	7/16"	21/32"	43/64"	11/32"	39/64"	1-3/32"	0.06 lbs.	ASME B107.1	AS954E S3.8.1
J5216B	1/2"	47/64"	47/64"	11/32"	11/16"	1-1/8"	0.08 lbs.	ASME B107.1	AS954E S3.8.1
J5218B	9/16"	51/64"	51/64"	33/64"	11/16"	1-1/8"	0.09 lbs.	ASME B107.1	AS954E S3.8.1
J5220B	5/8"	7/8"	7/8"	1/2"	11/16"	1-1/8"	0.10 lbs.	ASME B107.1	AS954E S3.8.1
J5222B	11/16"	61/64"	61/64"	9/16"	5/8"	1-1/8"	0.13 lbs.	ASME B107.1	AS954E S3.8.1
J5224B	3/4"	1-1/64"	1-1/64"	19/32"	5/8"	1-3/16"	0.15 lbs.	ASME B107.1	AS954E S3.8.1
J5226B	13/16"	1-5/64"	1-5/64"	5/8"	5/8"	1-7/16"	0.17 lbs.	ASME B107.1	AS954E S3.8.1
J5228B	7/8"	1-9/64"	1-9/64"	21/32"	11/16"	1-7/16"	0.22 lbs.	ASME B107.1	AS954E S3.8.1
J5230B	15/16"	1-15/64"	1-9/64"	23/32"	11/16"	1-9/16"	0.23 lbs.	ASME B107.1	AS954E S3.8.1
J5232B	1"	1-21/64"	1-15/64"	3/4"	3/4"	1-11/16"	0.27 lbs.	ASME B107.1	AS954E S3.8.1



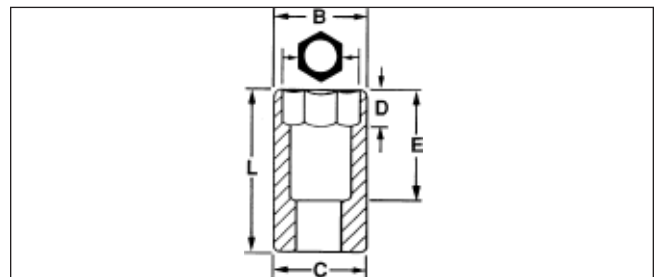


## 3/8" DRIVE DEEP LENGTH PROTOBLACK™ SOCKETS - 12 POINT

- Black oxide finish - for hand use only.
- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5012B	3/8"	35/64"	21/32"	25/64"	1-3/8"	2-1/8"	0.10 lbs.	ASME B107.1	AS954E S3.8.1
J5014B	7/16"	41/64"	41/64"	7/16"	1-3/8"	2-1/8"	0.11 lbs.	ASME B107.1	AS954E S3.8.1
J5016B	1/2"	23/32"	23/32"	33/64"	1-3/8"	2-1/8"	0.13 lbs.	ASME B107.1	AS954E S3.8.1
J5018B	9/16"	51/64"	51/64"	19/32"	1-3/8"	2-1/8"	0.16 lbs.	ASME B107.1	AS954E S3.8.1
J5020B	5/8"	7/8"	7/8"	43/64"	2"	2-3/4"	0.26 lbs.	ASME B107.1	AS954E S3.8.1
J5022B	11/16"	15/16"	15/16"	43/64"	2"	2-3/4"	0.27 lbs.	ASME B107.1	AS954E S3.8.1
J5024B	3/4"	1-1/64"	1-1/64"	43/64"	2"	2-3/4"	0.33 lbs.	ASME B107.1	AS954E S3.8.1
J5026B	13/16"	1-5/64"	1-5/64"	43/64"	2-5/64"	2-3/4"	0.25 lbs.	ASME B107.1	AS954E S3.8.1
J5028B	7/8"	1-3/16"	1-3/16"	11/16"	1-11/16"	2-3/4"	0.39 lbs.	ASME B107.1	AS954E S3.8.1
J5030B	15/16"	1-15/16"	1-15/16"	11/16"	2-5/16"	2-3/4"	0.42 lbs.	ASME B107.1	AS954E S3.8.1
J5032B	1-1/2"	1-5/16"	1-5/16"	11/16"	2-5/16"	2-3/4"	0.47 lbs.	ASME B107.1	AS954E S3.8.1



# Sockets, Drive Tools, Accessories



## 3/8" DRIVE SUPER SHORT SOCKETS - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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.

## 3/8" DRIVE STANDARD SUPER SHORT SOCKETS - 6 POINT



Product ID No.	in.	L	C	Weight lbs.
J5206HS	3/16"	3/4"	21/32"	0.04 lbs.
J5208HS	1/4"	13/16"	21/32"	0.03 lbs.
J5210HS	5/16"	3/4"	21/32"	0.03 lbs.
J5212HS	3/8"	3/4"	21/32"	0.04 lbs.
J5214HS	7/16"	7/8"	21/32"	0.04 lbs.
J5216HS	1/2"	7/8"	23/32"	0.05 lbs.
J5218HS	9/16"	7/8"	23/32"	0.17 lbs.
J5220HS	5/8"	15/16"	55/64"	0.09 lbs.
J5222HS	11/16"	15/16"	15/16"	0.09 lbs.
J5224HS	3/4"	15/16"	1-1/4"	0.11 lbs.

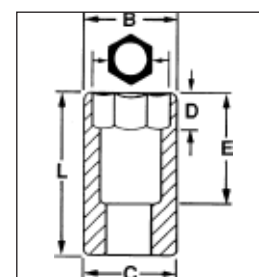


## 3/8" DRIVE METRIC SUPER SHORT SOCKETS - 6 POINT

**M**ETRIC

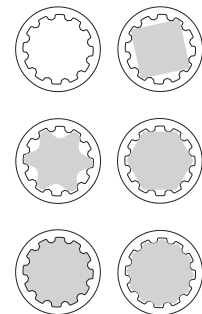



Product ID No.	mm	B	C	L	Weight lbs.
J5209MHS	9	12.7	15.88	19.05	0.04 lbs.
J5210MHS	10	14.29	15.88	20.64	0.04 lbs.
J5211MHS	11	15.88	15.88	19.05	0.03 lbs.
J5212MHS	12	15.88	15.88	19.05	0.03 lbs.
J5213MHS	13	19.05	19.05	22.23	0.06 lbs.
J5214MHS	14	19.05	19.05	22.23	0.04 lbs.
J5215MHS	15	19.05	19.05	23.81	0.05 lbs.
J5216MHS	16	22.23	22.23	23.81	0.07 lbs.
J5217MHS	17	23.81	23.81	23.81	0.08 lbs.
J5218MHS	18	23.81	23.81	23.81	0.09 lbs.
J5219MHS	19	25.4	25.40	25.40	0.11 lbs.



## 3/8" DRIVE STANDARD DEPTH SPLINE SOCKETS

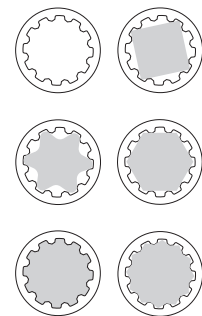
- Proto® Spline tools are designed to service high tensile strength fasteners used widely on military and commercial aircraft and in heavy machinery applications where vibration is prevalent. They are also used in automotive and industrial areas where high performance torque needs to be achieved.
- Spline sockets help tighten high strength bolts to high torque loads. They help lower the force required to turn standard fasteners by allowing the torque load to be moved away from the corners to help prevent fastener rounding. They also turn fasteners with damaged corners.
- Spline sockets on spline fasteners help deliver twice the torque of 12 pt. wrenches on double box fasteners, and more torque than hex wrenches on hex fasteners.
- Spline helps reduce foreign object debris (FOD) by having a precise fit between the fastening tool and its fastener.




Product ID No.	Spline Size	 in.	B	C	D	E	L	Weight lbs.
<b>J5212SPL</b>	# 12	3/8	9/16"	21/32"	3/8"	11/16"	1"	0.06 lbs.
<b>J5214SPL</b>	# 14	7/16	5/8"	11/16"	7/16"	3/4"	1-1/16"	0.06 lbs.
<b>J5216SPL</b>	# 16	1/2	3/4"	23/32"	7/16"	3/4"	1-1/16"	0.07 lbs.
<b>J5218SPL</b>	# 18	9/16	13/16"	13/16"	15/32"	3/4"	1-1/16"	0.01 lbs.
<b>J5220SPL</b>	# 20	5/8	7/8"	7/8"	17/32"	7/8"	1-3/16"	0.13 lbs.

## 3/8" DRIVE DEEP SPLINE SOCKETS

- Proto® Spline tools are designed to service high tensile strength fasteners used widely on military and commercial aircraft and in heavy machinery applications where vibration is prevalent. They are also used in automotive and industrial areas where high performance torque needs to be achieved.
- Spline sockets help tighten high strength bolts to high torque loads. They help lower the force required to turn standard fasteners by allowing the torque load to be moved away from the corners to help prevent fastener rounding. They also turn fasteners with damaged corners.
- Spline sockets on spline fasteners help deliver twice the torque of 12 pt. wrenches on double box fasteners, and more torque than hex wrenches on hex fasteners.
- Spline helps reduce foreign object debris (FOD) by having a precise fit between the fastening tool and its fastener.



Product ID No.	Spline Size	 in.	B	C	D	E	L	Weight lbs.
<b>J5012DPL</b>	# 12	3/8	9/16"	21/32"	3/8"	1-5/8"	2-1/8"	0.08 lbs.
<b>J5014DPL</b>	# 14	7/16	5/8"	11/16"	7/16"	1-5/8"	2-1/8"	0.10 lbs.
<b>J5016DPL</b>	# 16	1/2	3/4"	23/32"	7/16"	1-5/8"	2-1/8"	0.12 lbs.
<b>J5018DPL</b>	# 18	9/16	13/16"	13/16"	15/32"	1-7/8"	2-3/8"	0.19 lbs.
<b>J5020DPL</b>	# 22	5/8	7/8"	7/8"	17/32"	1-7/8"	2-3/8"	0.22 lbs.

# Sockets, Drive Tools, Accessories



## 3/8" DRIVE DEEP LENGTH SOCKETS - 6 POINT

- Proto® 6 Point Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
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- 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 socket, 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.



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.
J5008H	1/4"	25/64"	41/64"	21/64"	1-11/16"	2-1/8"	0.12 lbs.	ASME B107.1
J5010H	5/16"	11/32"	41/64"	11/32"	1-11/16"	2-1/8"	0.10 lbs.	ASME B107.1
J5011H	11/32"	1/2"	41/64"	21/32"	1-11/16"	2-1/8"	0.10 lbs.	ASME B107.1
J5012H	3/8"	9/16"	41/64"	11/32"	1-11/16"	2-1/8"	0.11 lbs.	ASME B107.1
J5014H	7/16"	41/64"	41/64"	7/16"	1-11/16"	2-1/8"	0.12 lbs.	ASME B107.1
J5016H	1/2"	23/32"	23/32"	33/64"	1-11/16"	2-1/8"	0.14 lbs.	ASME B107.1
J5018H	9/16"	51/64"	51/64"	19/32"	1-11/16"	2-1/8"	0.17 lbs.	ASME B107.1
J5020H	5/8"	7/8"	7/8"	21/32"	1-11/16"	2-3/4"	0.25 lbs.	ASME B107.1
J5022H	11/16"	61/64"	61/64"	21/32"	1-23/32"	2-3/4"	0.29 lbs.	ASME B107.1
J5024H	3/4"	1-1/64"	1-1/64"	11/16"	1-23/32"	2-3/4"	0.32 lbs.	ASME B107.1
J5026H	13/16"	1-5/64"	1-5/64"	11/16"	2-5/64"	2-3/4"	0.35 lbs.	ASME B107.1
J5028H	7/8"	1-11/64"	1-11/64"	11/16"	2-5/64"	2-3/4"	0.40 lbs.	ASME B107.1
J5030H	15/16"	1-15/64"	1-15/64"	1-3/16"	2-5/64"	2-3/4"	0.52 lbs.	ASME B107.1
J5032H	1"	1-21/64"	1-21/64"	1-3/16"	2-5/64"	2-3/4"	0.58 lbs.	ASME B107.1



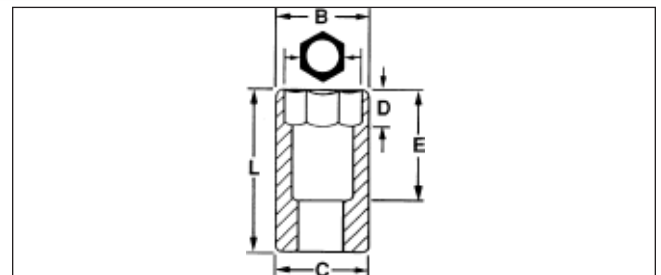
## 3/8" DRIVE METRIC DEEP LENGTH SOCKETS - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
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- 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.



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.
J5006MH	6	10.0	16.5	8.0	42.8	54.0	0.10 lbs.	ASME B107.5M
J5007MH	7	10.9	16.5	8.0	42.8	54.0	0.09 lbs.	ASME B107.5M
J5008MH	8	12.0	16.5	8.0	49.1	54.0	0.10 lbs.	ASME B107.5M
J5009MH	9	12.9	16.5	10.0	42.8	54.0	0.10 lbs.	ASME B107.5M
J5010MH	10	14.8	16.5	10.0	42.8	54.0	0.11 lbs.	ASME B107.5M
J5011MH	11	16.5	16.5	11.0	42.8	54.0	0.12 lbs.	ASME B107.5M
J5012MH	12	17.7	17.7	13.0	38.1	54.0	0.14 lbs.	ASME B107.5M
J5013MH	13	18.4	18.4	13.0	38.1	54.0	0.15 lbs.	ASME B107.5M
J5014MH	14	19.9	19.9	15.0	38.1	54.0	0.16 lbs.	ASME B107.5M
J5015MH	15	22.0	22.0	16.5	58.3	69.9	0.24 lbs.	ASME B107.5M
J5016MH	16	22.0	22.0	16.5	58.7	69.9	0.24 lbs.	ASME B107.5M
J5017MH	17	23.7	23.7	16.5	58.7	69.9	0.28 lbs.	ASME B107.5M
J5018MH	18	23.9	23.9	16.5	58.7	69.9	0.28 lbs.	ASME B107.5M
J5019MH	19	25.6	25.6	17.5	58.7	69.9	0.33 lbs.	ASME B107.5M
J5020MH	20	27.4	27.4	17.5	58.7	69.9	0.35 lbs.	ASME B107.5M
J5021MH	21	27.4	27.4	17.5	58.7	69.9	0.35 lbs.	ASME B107.5M
J5022MH	22	29.9	29.9	17.5	58.7	69.9	0.46 lbs.	ASME B107.5M
J5023MH	23	31.5	31.5	30.0	58.7	69.9	0.55 lbs.	ASME B107.5M
J5024MH	24	32.4	32.4	30	58.7	69.9	0.56 lbs.	ASME B107.5M
J5025MH	25	32.4	32.4	30	58.7	69.9	0.56 lbs.	ASME B107.5M
J5026MH	26	32.4	32.4	30	58.7	69.9	0.65 lbs.	ASME B107.5M





# Sockets, Drive Tools, Accessories



## 3/8" DRIVE DEEP LENGTH SOCKETS - 12 POINTS

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- 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.



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5008	1/4"	13/37"	21/32"	5/16"	1-11/16"	2-1/8"	0.10 lbs.	ASME B107.1	AS954E S3.8.1
J5010	5/16"	15/37"	21/32"	13/32"	1-11/16"	2-1/8"	0.10 lbs.	ASME B107.1	AS954E S3.8.1
J5011	11/32"	1/2"	21/32"	25/64"	1-11/16"	2-1/8"	0.09 lbs.	ASME B107.1	AS954E S3.8.1
J5012	3/8"	35/64"	21/32"	13/32"	1-11/16"	2-1/8"	0.10 lbs.	ASME B107.1	AS954E S3.8.1
J5014	7/16"	21/32"	21/32"	7/16"	1-11/16"	2-1/8"	0.12 lbs.	ASME B107.1	AS954E S3.8.1
J5016	1/2"	23/32"	23/37"	33/64"	1-11/16"	2-1/8"	0.14 lbs.	ASME B107.1	AS954E S3.8.1
J5018	9/16"	51/64"	51/64"	19/32"	1-11/16"	2-1/8"	0.18 lbs.	ASME B107.1	AS954E S3.8.1
J5020	5/8"	7/8"	7/8"	43/64"	2-5/16"	2-3/4"	0.24 lbs.	ASME B107.1	AS954E S3.8.1
J5022	11/16"	15/16"	15/16"	43/64"	2-5/16"	2-3/4"	0.30 lbs.	ASME B107.1	AS954E S3.8.1
J5024	3/4"	1-1/64"	1-1/64"	43/64"	2-5/16"	2-3/4"	0.33 lbs.	ASME B107.1	AS954E S3.8.1
J5026	13/16"	1-5/64"	1-5/64"	43/64"	2-5/16"	2-3/4"	0.36 lbs.	ASME B107.1	AS954E S3.8.1
J5028	7/8"	1-15/64"	1-15/64"	1-3/16"	2-5/16"	2-3/4"	0.43 lbs.	ASME B107.1	AS954E S3.8.1
J5030	15/16"	1-15/64"	1-15/64"	1-3/16"	2-5/16"	2-3/4"	0.46 lbs.	ASME B107.1	AS954E S3.8.1
J5032	1"	1-5/16"	1-5/16"	1-3/16"	2-5/16"	2-3/4"	0.54 lbs.	ASME B107.1	AS954E S3.8.1



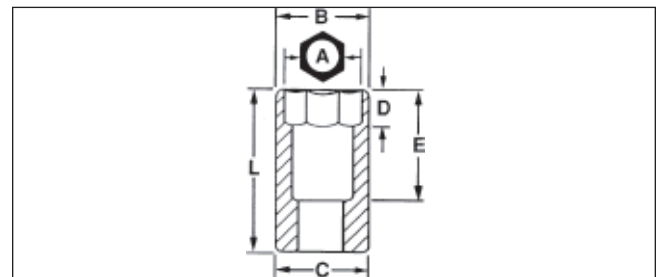
## 3/8" DRIVE METRIC DEEP LENGTH SOCKETS - 12 POINT

**M**ETRIC

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Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5006M	6	10.0	16.5	8.0	46.0	54.0	0.11 lbs.	ASME B107.5M	AS954E S3.8.1
J5007M	7	10.0	16.5	10.0	44.0	54.0	0.09 lbs.	ASME B107.5M	AS954E S3.8.1
J5008M	8	12.0	16.5	10.0	44.0	54.0	0.10 lbs.	ASME B107.5M	AS954E S3.8.1
J5009M	9	12.9	16.5	10.0	44.0	54.0	0.11 lbs.	ASME B107.5M	AS954E S3.8.1
J5010M	10	14.8	16.5	10.0	44.0	54.0	0.12 lbs.	ASME B107.5M	AS954E S3.8.1
J5011M	11	16.5	11.0	43.0	44.0	54.0	0.13 lbs.	ASME B107.5M	AS954E S3.8.1
J5012M	12	17.7	17.7	13.0	41.0	54.0	0.13 lbs.	ASME B107.5M	AS954E S3.8.1
J5013M	13	18.4	18.4	13.0	41.0	54.0	0.13 lbs.	ASME B107.5M	AS954E S3.8.1
J5014M	14	19.9	19.9	15.0	39.0	54.0	0.15 lbs.	ASME B107.5M	AS954E S3.8.1
J5015M	15	22.0	22.0	16.5	53.4	69.9	0.15 lbs.	ASME B107.5M	AS954E S3.8.1
J5016M	16	22.0	22.0	16.5	53.4	69.9	0.24 lbs.	ASME B107.5M	AS954E S3.8.1
J5017M	17	23.7	23.7	16.5	53.4	69.9	0.27 lbs.	ASME B107.5M	AS954E S3.8.1
J5018M	18	23.9	23.9	16.5	53.4	69.9	0.28 lbs.	ASME B107.5M	AS954E S3.8.1
J5019M	19	25.6	25.6	17.5	52.4	69.9	0.30 lbs.	ASME B107.5M	AS954E S3.8.1
J5020M	20	27.4	27.4	17.5	52.4	69.9	0.33 lbs.	ASME B107.5M	AS954E S3.8.1
J5021M	21	27.4	27.4	17.5	52.4	69.9	0.34 lbs.	ASME B107.5M	AS954E S3.8.1
J5022M	22	29.9	29.9	17.5	52.4	69.9	0.45 lbs.	ASME B107.5M	AS954E S3.8.1
J5023M	23	31.1	29.9	30.0	39.9	69.9	0.54 lbs.	ASME B107.5M	AS954E S3.8.1
J5026M	26	34.8	34.8	30.0	53.8	69.9	0.65 lbs.	ASME B107.5M	AS954E S3.8.1



# Sockets, Drive Tools, Accessories



## 3/8" DRIVE UNIVERSAL SOCKETS - 6 POINT

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## 3/8" DRIVE UNIVERSAL SOCKETS - 6 POINT



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.
J5272H	5/16"	15/32"	23/32"	5/16"	27/64"	1-3/4"	0.10 lbs.	ASME B107.1
J5273H	3/8"	35/64"	23/32"	5/16"	27/64"	1-3/4"	0.11 lbs.	ASME B107.1
J5274H	7/16"	41/64"	23/32"	3/8"	27/64"	1-3/4"	0.10 lbs.	ASME B107.1
J5275H	1/2"	23/32"	23/32"	11/32"	33/64"	1-3/4"	0.10 lbs.	ASME B107.1
J5276H	9/16"	25/32"	23/32"	3/8"	17/32"	1-27/32"	0.11 lbs.	ASME B107.1
J5277H	5/8"	7/8"	23/32"	3/8"	39/64"	1-27/32"	0.15 lbs.	ASME B107.1
J5278H	11/16"	31/32"	23/32"	7/16"	5/8"	1-7/8"	0.15 lbs.	ASME B107.1
J5279H	3/4"	1"	23/32"	7/16"	43/64"	1-7/8"	0.14 lbs.	ASME B107.1



## 3/8" DRIVE METRIC UNIVERSAL SOCKETS - 6 POINT

**M**ETRIC



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.
J5270MH	7	10.7	18.1	7.9	11.0	44.7	0.11 lbs.	ASME B107.5M
J5271MH	8	11.6	18.1	7.9	11.0	44.7	0.04 lbs.	ASME B107.5M
J5273MH	10	13.8	18.1	78.7	11.0	44.7	0.11 lbs.	ASME B107.5M
J5274MH	11	15.1	18.1	8.7	11.0	44.7	0.11 lbs.	ASME B107.5M
J5275MH	12	16.5	18.1	8.7	11.0	44.7	0.10 lbs.	ASME B107.5M
J5276MH	13	18.2	18.1	8.7	11.0	44.7	0.10 lbs.	ASME B107.5M
J5277MH	14	19.7	18.1	9.5	12.5	47.6	0.11 lbs.	ASME B107.5M
J5278MH	15	20.4	18.1	9.5	12.5	47.6	0.12 lbs.	ASME B107.5M
J5279MH	16	22.0	18.1	10.3	12.9	48.0	0.15 lbs.	ASME B107.5M
J5280MH	17	23.7	18.1	10.3	12.9	48.0	0.15 lbs.	ASME B107.5M
J5281MH	18	24.9	18.1	11.0	12.9	48.0	0.15 lbs.	ASME B107.5M
J5282MH	19	25.9	18.1	11.8	13.6	48.7	0.16 lbs.	ASME B107.5M



## 3/8" DRIVE UNIVERSAL SOCKETS - 12 POINT

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## 3/8" DRIVE UNIVERSAL SOCKETS - 12 POINT



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5272	5/16"	15/32"	23/32"	5/16"	27/64"	1-3/4"	0.10 lbs.	ASME B107.1	AS954E S3.8.1
J5273	3/8"	35/64"	23/32"	11/32"	27/64"	1-3/4"	0.11 lbs.	ASME B107.1	AS954E S3.8.1
J5274	7/16"	41/64"	23/32"	3/8"	27/64"	1-3/4"	0.11 lbs.	ASME B107.1	AS954E S3.8.1
J5275	1/2"	23/32"	23/32"	11/32"	33/64"	1-3/4"	0.11 lbs.	ASME B107.1	AS954E S3.8.1
J5276	9/16"	25/32"	25/32"	3/8"	17/32"	1-27/32"	0.15 lbs.	ASME B107.1	AS954E S3.8.1
J5277	5/8"	7/8"	7/8"	3/8"	39/64"	1-27/32"	0.17 lbs.	ASME B107.1	AS954E S3.8.1
J5278	11/16"	31/32"	7/8"	7/16"	5/8"	1-7/8"	0.19 lbs.	ASME B107.1	AS954E S3.8.1
J5279	3/4"	1"	7/8"	7/16"	43/64"	1-7/8"	0.23 lbs.	ASME B107.1	AS954E S3.8.1
J5280T	13/16"	1-3/32"	25/32"	13/32"	9/16"	1-7/8"	0.27 lbs.	ASME B107.1	AS954E S3.8.1
J5281T	7/8"	1-3/16"	25/32"	17/32"	5/8"	1-61/64"	0.31 lbs.	ASME B107.1	AS954E S3.8.1
J5282T	15/16"	1-1/4"	25/32"	17/32"	5/8"	1-61/64"	0.35 lbs.	ASME B107.1	AS954E S3.8.1
J5283T	1"	1-11/32"	25/32"	9/16"	45/64"	2"	0.39 lbs.	ASME B107.1	AS954E S3.8.1



## 3/8" DRIVE METRIC UNIVERSAL SOCKETS - 12 POINT

**M**ETRIC



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5272M	9	13.0	18.2	7.9	10.1	44.4	0.10 lbs.	ASME B107.5M	AS954E S3.8.1
J5273M	10	13.8	18.2	8.7	10.1	44.4	0.10 lbs.	ASME B107.5M	AS954E S3.8.1
J5274M	11	15.1	18.2	8.7	10.1	44.4	0.12 lbs.	ASME B107.5M	AS954E S3.8.1
J5275M	12	16.5	18.2	8.7	12.7	44.4	0.10 lbs.	ASME B107.5M	AS954E S3.8.1
J5276M	13	18.3	18.2	8.7	12.7	44.4	0.11 lbs.	ASME B107.5M	AS954E S3.8.1
J5277M	14	19.8	18.2	9.5	13.2	47.7	0.13 lbs.	ASME B107.5M	AS954E S3.8.1
J5278M	15	20.5	18.2	9.5	16.2	47.7	0.12 lbs.	ASME B107.5M	AS954E S3.8.1
J5279M	16	22.0	18.2	10.3	12.9	48.0	0.12 lbs.	ASME B107.5M	AS954E S3.8.1
J5280M	17	23.7	18.2	11.0	12.9	48.0	0.15 lbs.	ASME B107.5M	AS954E S3.8.1
J5281M	18	24.9	18.2	11.0	12.9	48.0	0.16 lbs.	ASME B107.5M	AS954E S3.8.1
J5282M	19	25.0	18.2	11.8	13.6	48.7	0.15 lbs.	ASME B107.5M	AS954E S3.8.1



# Sockets, Drive Tools, Accessories



## 3/8" DRIVE DEEP LENGTH UNIVERSAL SOCKETS - 6 POINT

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Product ID No.	in.	B	C	D	E	L	Weight lbs.
J5274LH	7/16"	5/8"	23/32"	11/32"	1-1/8"	1-3/8"	0.16 lbs.
J5275LH	1/2"	23/32"	23/32"	3/4"	1-1/8"	1-3/8"	0.16 lbs.
J5276LH	9/16"	25/32"	23/32"	3/4"	1-31/32"	2-3/8"	0.18 lbs.
J5277LH	5/8"	7/8"	23/32"	3/4"	1-31/32"	2-3/8"	0.19 lbs.

## 3/8" DRIVE SPARK PLUG SOCKETS - 6 POINT

- With rubber insert.

Product ID No.	in.	L	Width	Weight lbs.
J5020-50	5/8"	2-1/2"	0.19	0.21 lbs.
J5026HPA	13/16"	2-1/2"	0.30	0.35 lbs.



## 3/8" DRIVE UNIVERSAL SPARK PLUG SOCKETS - 6 POINTS



- With rubber insert.

Product ID No.	in.	B	C	D	L	Weight lbs.
J5020-70	5/8"	27/32"	23/32"	5/16"	3-19/64"	0.26 lbs.
J5026-50	13/16"	1-1/16"	23/32"	5/16"	3-3/8"	0.34 lbs.







## 3/8" DRIVE DRAG LINK SOCKETS

Product ID No.			Overall Length	Weight lbs.
<b>J5244</b>	11/16"	1/8"	1-1/8"	0.06 lbs.




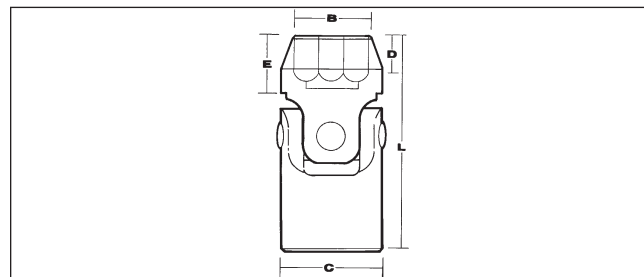
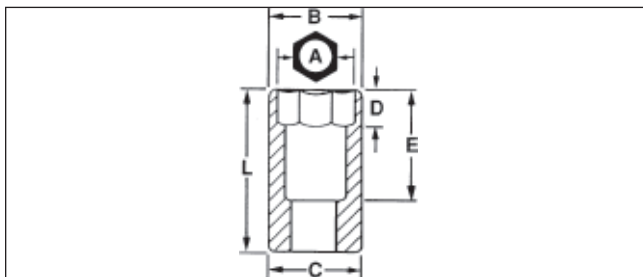
## 3/8" DRIVE STANDARD SCREWDRIVER BITS

Product ID No.			Overall Length	Weight lbs.
<b>J5246</b>	1/4"	.030	1-13/16"	0.01 lbs.
<b>J5240</b>	5/16"	.040	3"	0.13 lbs.



## 3/8" DRIVE PHILLIPS® SCREWDRIVER BITS



Product ID No.		Overall Length	Weight lbs.
<b>J5241</b>	No. 2	1-31/32"	0.11 lbs.
<b>J5242</b>	No. 3	1-31/32"	0.12 lbs.
<b>J5243</b>	No. 4	1-31/32"	0.12 lbs.



# Sockets, Drive Tools, Accessories





## 3/8" DRIVE TORX® BITS

Product ID No.			Overall Length	Weight lbs.
J5239-10W	T10	5/8"	1-23/32"	0.10 lbs.
J5239-15W	T15	5/8"	1-23/32"	0.10 lbs.
J5239-25W	T25	5/8"	1-23/32"	0.10 lbs.
J5239-27W	T27	5/8"	1-23/32"	0.10 lbs.
J5239-30W	T30	7/8"	1-31/32"	0.12 lbs.
J5239-40W	T40	7/8"	1-31/32"	0.11 lbs.
J5239-45W	T45	7/8"	1-31/32"	0.12 lbs.
J5239-50W	T50	7/8"	1-31/32"	0.12 lbs.
J5239-55W	T55	7/8"	1-31/32"	0.13 lbs.



## 3/8" DRIVE HEX BITS

- Made using a heat treated alloy for wear-resistance which helps minimize distortion for a long life.
- Hex opening holds the bit allowing the bit holder to take the torque load.



Product ID No.	 in.		Overall Length	Weight lbs.
J4990 1/8	1/8"	1-5/8"	2-23/32"	0.12 lbs.
J4990 5/32	5/32"	1-5/8"	2-23/32"	0.12 lbs.
J4990 3/16	3/16"	1-5/8"	2-23/32"	0.12 lbs.
J4990 7/32	7/32"	1-5/8"	2-23/32"	0.12 lbs.
J4990 1/4	1/4"	1-5/8"	2-23/32"	0.12 lbs.
J4990 5/16	5/16"	1-5/8"	2-23/32"	0.13 lbs.
J4990 3/8	3/8"	1-5/8"	2-23/32"	0.15 lbs.



## 3/8" DRIVE METRIC HEX BITS

**METRIC**


- Made using a heat treated alloy for wear-resistance which helps minimize distortion for a long life.
- Hex opening holds the bit allowing the bit holder to take the torque load.

Product ID No.	 mm		Overall Length	Weight lbs.
J4990-4M	4	41.3	69.1	0.12 lbs.
J4990-5M	5	41.3	69.1	0.12 lbs.
J4990-6M	6	41.3	69.1	0.12 lbs.
J4990-7M	7	41.3	69.1	0.12 lbs.
J4990-8M	8	41.3	69.1	0.13 lbs.
J4990-9M	9	41.3	69.1	0.15 lbs.
J4990-10M	10	41.3	69.1	0.16 lbs.



## 3/8" DRIVE SHORT HEX BITS

- Made using a heat treated alloy for wear-resistance which helps minimize distortion for a long life.
- Hex opening holds the bit allowing the bit holder to take the torque load.


Product ID No.	in.		Overall Length	Weight lbs.
J4990 1/8ST	1/8"	3/4"	1-13/16"	0.10 lbs.
J4990 5/32ST	5/32"	3/4"	1-13/16"	0.11 lbs.
J4990 3/16ST	3/16"	3/4"	1-13/16"	0.10 lbs.
J4990 7/32ST	7/32"	3/4"	1-13/16"	0.10 lbs.
J4990 1/4ST	1/4"	3/4"	1-13/16"	0.11 lbs.
J4990 5/16ST	5/16"	3/4"	1-13/16"	0.11 lbs.
J4990 3/8ST	3/8"	3/4"	1-13/16"	0.12 lbs.



## 3/8" DRIVE METRIC SHORT HEX BITS

**M**ETRIC

- Made using a heat treated alloy for wear-resistance which helps minimize distortion for a long life.
- Hex opening holds the bit allowing the bit holder to take the torque load.


Product ID No.	mm		Overall Length	Weight lbs.
J4990-4MST	4 mm	17.5	45.2	0.08 lbs.
J4990-5MST	5 mm	17.5	45.2	0.10 lbs.
J4990-6MST	6 mm	17.5	45.2	0.10 lbs.
J4990-7MST	7 mm	17.5	45.2	0.11 lbs.
J4990-8MST	8 mm	17.5	45.2	0.10 lbs.
J4990-9MST	9 mm	17.5	45.2	0.11 lbs.
J4990-10MST	10 mm	17.5	45.2	0.12 lbs.



## 3/8" DRIVE EXTRA LONG HEX BITS

**M**ETRIC

- Made using a heat treated alloy for wear-resistance which helps minimize distortion for a long life.

Product ID No.	in.		Overall Length	Weight lbs.
J4990 1/8XL	1/8"	5"	6-3/32"	0.08 lbs.
J4990 5/32XL	5/32"	5"	6-3/32"	0.12 lbs.
J4990 3/16XL	3/16"	5"	6-3/32"	0.12 lbs.
J4990 7/32XL	7/32"	5"	6-3/32"	0.13 lbs.
J4990 1/4XL	1/4"	5"	6-3/32"	0.17 lbs.
J4990 5/16XL	5/16"	5"	6-3/32"	0.21 lbs.
J4990 3/8XL	3/8"	5"	6-3/32"	0.26 lbs.




# Socket, Drive Tools, Accessories



## 3/8" DRIVE METRIC EXTRA LONG HEX BITS

- Made using a heat treated alloy for wear-resistance which helps minimize distortion for a long life.

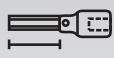


Product ID No.	mm		Overall Length	Weight lbs.
J4990-4MXL	4		127.0	0.10 lbs.
J4990-5MXL	5		127.0	0.17 lbs.
J4990-6MXL	6		127.0	0.17 lbs.
J4990-7MXL	7		127.0	0.17 lbs.
J4990-8MXL	8		127.0	0.21 lbs.
J4990-10MXL	10		127.0	0.28 lbs.

## 3/8"DRIVE BALL STYLE EXTRA LONG HEX BITS

- Made using a heat treated alloy for wear-resistance which helps minimize distortion for a long life.



Product ID No.	in.		Overall Length	Weight lbs.
J4904BD	1/8"	5"	6-3/32"	0.19 lbs.
J4905BD	5/32"	5"	6-3/32"	0.17 lbs.
J4906BD	3/16"	5"	6-3/32"	0.17 lbs.
J4907BD	7/32"	5"	6-3/32"	0.16 lbs.
J4908BD	1/4"	5"	6-3/32"	0.17 lbs.
J4910BD	5/16"	5"	6-3/32"	0.22 lbs.
J4912BD	3/8"	5"	6-3/32"	0.28 lbs.

## 3/8" DRIVE HEX BIT REPLACEMENTS

Product ID No.	Description	Weight lbs.
J4980RKA	Kit, Repair Hex Bit 3/8" Dr. 1/8"	0.01 lbs.
J4981RKA	Kit, Repair Hex Bit 3/8" Dr. 5/32"	0.01 lbs.
J4982RKA	Kit, Repair Hex Bit 3/8" Dr. 3/16"	0.02 lbs.
J4984RKA	Kit, Repair Hex Bit 3/8" Dr. 7/32"	0.03 lbs.
J4985RKA	Kit, Repair Hex Bit 3/8" Dr. 1/4"	0.04 lbs.
J4987RKA	Kit, Repair Hex Bit 3/8" Dr. 5/16"	0.05 lbs.
J4988RKA	Kit, Repair Hex Bit 3/8" Dr. 3/8"	0.07 lbs.



## 3/8" MINIATURE/STUBBY CLASSIC PEAR HEAD RATCHET

- Robust 24 tooth design with 15° arc swing.
- Alloy steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one handed operation.
- Knurled slip-resistant grip.

Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5248S</b>	5"	0.28 lbs.	<b>J5249RK</b>	ASME B107.10M



## 3/8" DRIVE STANDARD LENGTH CLASSIC PEAR HEAD RATCHET

- Robust 24 tooth design with 15° arc swing.
- Alloy steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one handed operation.
- Knurled slip-resistant grip.

Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5249</b>	7"	0.61 lbs.	<b>J5249RK</b>	ASME B107.10M



## 3/8" DRIVE LONG HANDLE CLASSIC PEAR HEAD RATCHET

- Robust 24 tooth design with 15° arc swing.
- Alloy steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one handed operation.
- Knurled slip-resistant grip.

Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5250</b>	11"	0.89 lbs.	<b>J5249RK</b>	ASME B107.10M





# Sockets, Drive Tools, Accessories



## 3/8" STANDARD LENGTH PEAR HEAD PROTO® RATCHET

- Small pear head design for access in tight hard to reach work areas.
- 45 tooth gear provides balance between 8° articulation angle and high torque carrying capacity.
- Sealed design helps prevents debris from entering ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- Low profile reversing lever design for quick, one hand operation.
- Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and slip resistance.
- Double nickel chrome plated for enhanced corrosion protection.
- Field repairable.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5249XL</b>	8.5"	0.86 lbs.	<b>J5249XLRK</b>	ASME B107.10M

## 3/8" STANDARD LENGTH PEAR HEAD PROTO® RATCHET - BLACK

- Small pear head design for access in tight hard to reach work areas.
- 45 tooth gear provides balance between 8° articulation angle and high torque carrying capacity.
- Sealed design helps prevents debris from entering ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- Low profile reversing lever design for quick, one hand operation.
- Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and Slip resistance.
- Double nicked chrome plated for enhanced corrosion protection.
- Field repairable.
- Black oxide finish.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5249XLBL</b>	8.5"	0.87 lbs.	<b>J5249XLRK</b>	ASME B107.10M

## 3/8" DRIVE STANDARD LENGTH CLASSIC PEAR HEAD RATCHET - BLACK

- Black oxide finish.
- Robust 24 tooth design with 15° arc swing.
- Alloy steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one handed operation.
- Knurled slip-resistant grip.
- Field repairable.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5249BL</b>	7"	0.62 lbs.	<b>J5249RK</b>	ASME B107.10M



## 3/8" DRIVE LONG HANDLE PEAR HEAD PROTO® RATCHET

- Small pear head design for access in hard to reach work areas.
- 45 tooth gear provides balance between 8° articulation angle and high torque carrying capacity.
- Sealed design helps prevents debris from entering ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- Low profile reversing lever design for quick, one hand operation.
- Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and Slip resistance.
- Double nickel chrome plated for enhanced corrosion protection.
- Field repairable.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5250XL</b>	11"	1.03 lbs.	<b>J5249XLRK</b>	ASME B107.10M

## 3/8" DRIVE LONG HANDLE PEAR HEAD PROTO® RATCHET - BLACK

- 45 tooth gear provides balance between 8° articulation angle and high torque carrying capacity.
- Sealed design helps prevents debris from entering ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- Low profile reversing lever design for quick, one hand operation.
- Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and Slip resistance.
- Double nicked chrome plated for enhanced corrosion protection.
- Field repairable.
- Black oxide finish.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5250XLBL</b>	11"	0.98 lbs.	<b>J5249XLRK</b>	ASME B107.10M

## 3/8" DRIVE LONG HANDLE CLASSIC PEAR HEAD RATCHET - BLACK

- Black oxide finish.
- Robust 24 tooth design with 15° arc swing.
- Alloy steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one handed operation.
- Knurled slip-resistant grip.
- Field repairable.



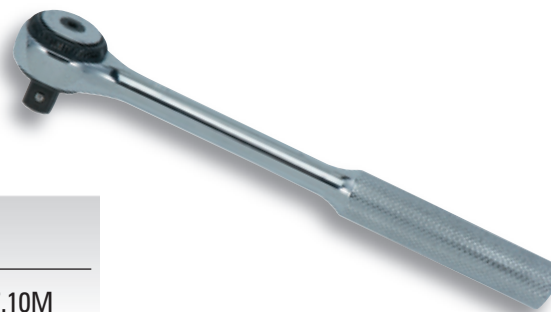
Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5250BL</b>	11"	0.81 lbs.	<b>J5249RK</b>	ASME B107.10M

# Sockets, Drive Tools, Accessories



## 3/8" DRIVE STANDARD LENGTH ROUND HEAD RATCHET

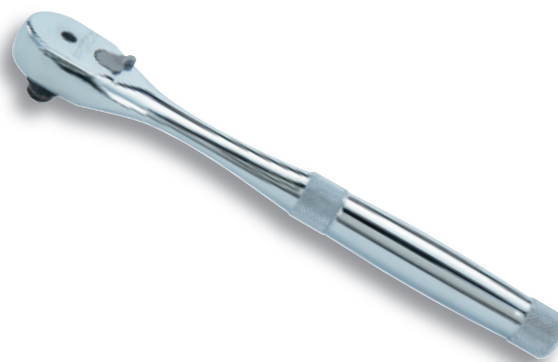
- Small head design and tight swing arc allows fastener to access tight areas.
- Full polished shaft with knurled grip for slip-resistant and strong grip.
- 5° ratcheting angle.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5252F</b>	7-3/8"	0.57 lbs.	<b>J5252FRK</b>	ASME B107.10M

## 3/8" DRIVE AEROSPACE PEAR HEAD RATCHET

- Vertical hole drilled in drive plug, designed for installation of frangible collars on threaded pins.
- Unique 45 tooth gear pawl design provides 8° ratcheting angle while maximizing ultimate torque.
- Thin head design for access into tight work areas.
- Reversing lever designed for quick, one handed operations.
- Full polish nickle chrome plated.



Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5249XLHS</b>	8-1/2"	0.86 lbs.	ASME B107.10M

## 3/8" DRIVE AEROSPACE RATCHET

- Vertical hole drilled in drive plug, designed for installation of frangible collars on threaded pins.
- Metal spring clip on drive plug for positive socket retention.
- Unique 24 tooth gear pawl design provides 15° ratcheting angle while maximizing ultimate torque.
- Thin head design for access into tight work areas.
- Reversing lever designed for quick, one hand operations.



Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5249HS</b>	7"	0.62 lbs.	ASME B107.10M



## 3/8" DRIVE FLEX-HEAD RATCHET

- 180° flex.
- 5° ratcheting angle.
- Small head design and tight swing to allow access to fastener in a tight area.

Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5257F</b>	8-1/2"	0.86 lbs.	<b>J5252FRK</b>	ASME B107.10M



## 3/8" DRIVE FEMALE DRIVE

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5249FW</b>	7"	0.56 lbs.	ASME B107.10M



## 3/8" SPINNER RATCHET

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5251</b>	1-1/2"	0.17 lbs.	ASME B107.10M



## 3/8" DRIVE STANDARD DRIVE EXTENSION

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5259</b>	1-3/4"	0.11 lbs.	ASME B107.10M
<b>J5260</b>	3"	0.16 lbs.	ASME B107.10M
<b>J5260-06</b>	6"	0.31 lbs.	ASME B107.10M
<b>J5261</b>	8"	0.40 lbs.	ASME B107.10M
<b>J5262</b>	12"	0.61 lbs.	ASME B107.10M
<b>J5263</b>	17-3/16"	0.94 lbs.	ASME B107.10M





# Sockets, Drive Tools, Accessories



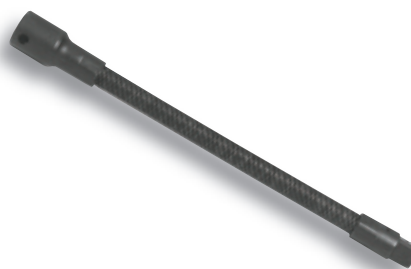
## 3/8" DRIVE STANDARD DRIVE EXTENSION - PROTOBLACK™

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5259B</b>	1-3/4"	0.11 lbs.	ASME B107.10M
<b>J5260B</b>	3"	0.16 lbs.	ASME B107.10M
<b>J5260-06B</b>	6"	0.30 lbs.	ASME B107.10M
<b>J5261B</b>	8"	0.46 lbs.	ASME B107.10M
<b>J5262B</b>	12"	0.62 lbs.	ASME B107.10M



## 3/8" DRIVE FLEXIBLE DRIVE EXTENSION

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5268</b>	8"	0.25 lbs.	ASME B107.10M



## 3/8" DRIVE LOCKING DRIVE EXTENSION

- One piece extension design.
- Provides positive socket retention.
- Use where accidental socket disengagement may be a concern or safety hazard.

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5260-03L</b>	3"	0.21 lbs.	ASME B107.10M
<b>J5260-06L</b>	6"	0.37 lbs.	ASME B107.10M
<b>J5262L</b>	12"	0.71 lbs.	ASME B107.10M



## 3/8" DRIVE WOBBLE DRIVE EXTENSION

- Provides up to a 17° angle of operation.

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5259W</b>	1-3/4"	0.11 lbs.	ASME B107.10M
<b>J5260W</b>	3"	0.17 lbs.	ASME B107.10M
<b>J5260-06W</b>	6"	0.29 lbs.	ASME B107.10M
<b>J5261W</b>	8"	0.42 lbs.	ASME B107.10M
<b>J5262W</b>	12"	0.65 lbs.	ASME B107.10M
<b>J5263W</b>	17-3/16"	0.92 lbs.	ASME B107.10M





## 3/8" DRIVE HINGE HANDLE

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5265</b>	7-7/8"	0.58 lbs.	ASME B107.10M
<b>J5266</b>	12"	0.80 lbs.	ASM B107.10M



## 3/8" DRIVE HINGE HANDLE - PROTOBLACK™

- Black oxide finish.

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5265BL</b>	7-7/8"	0.58 lbs.	ASM B107.10M



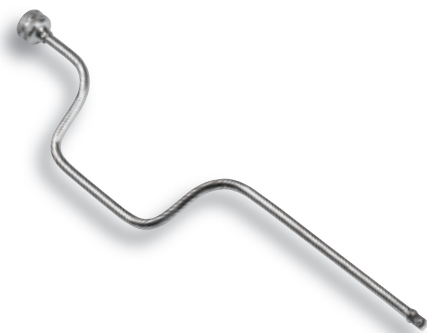
## 3/8" DRIVE SLIDING TEE HANDLE

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5285</b>	8"	0.41 lbs.	ASME B107.10M



## 3/8" DRIVE SPEED HANDLE

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5280</b>	17.5"	0.86 lbs.	ASME B107.10M



# Sockets, Drive Tools, Accessories



## 3/8" DRIVE FLEXIBLE DRIVER

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5267</b>	9"	0.35 lbs.	ASME B107.10M



## 3/8" DRIVE ADAPTERS

Product ID No.	Size	Overall Length	Weight lbs.	ASME Spec.
<b>J5256</b>	1/4" F x 3/8" M	31/32"	0.04 lbs.	ASME B107.10M
<b>J5253</b>	3/8" F x 1/2" M	1-7/16"	0.11 lbs.	ASME B107.10M
<b>J5255</b>	3/8" F x 1/4" M	1"	0.05 lbs.	ASME B107.10M
<b>J5254</b>	1/2" F x 3/8" M	1-3/8"	0.13 lbs.	ASME B107.10M



## SET NO J5100 - 3/8" DRIVE 9 PC. TORQUE ADAPTER SET - 12 POINT

- Designed for easy torque calibrations.
- Adapters measure 2" from the center of the square drive to the center of the adapter opening.
- Special heat-treated alloy steel helps to increase strength and durability.
- Box end wall thickness is specially engineered to provide strength while still allowing ample room for access to reach difficult fasteners.
- Weight: 1.32 lbs.



Product ID No.	Contents	Description
<b>J5100</b>	J5112	Torque Adapter 3/8" drive 3/8"
	J5114	Torque Adapter 3/8" drive 7/16"
	J5116	Torque Adapter 3/8" drive 1/2"
	J5118	Torque Adapter 3/8" drive 9/16"
	J5120	Torque Adapter 3/8" drive 5/8"
	J5122	Torque Adapter 3/8" drive 11/16"
	J5124	Torque Adapter 3/8" drive 3/4"
	J5126	Torque Adapter 3/8" drive 13/16"
	J5128	Torque Adapter 3/8" drive 7/8"
J2599	Socket Bar for Torque Adapters	



## 3/8" DRIVE TORQUE ADAPTERS

- Designed for easy torque calculations.
- Adapters measure 2" from the center of the square drive to the center of the adapter opening.
- 12 point box end allows for fine indexing, helping to improve speed and access.
- Fits 4, 6 and 12 point fasteners.
- Special heat-treated alloy steel helps to increase strength and durability.
- Box end wall thickness is specially engineered to provide strength while still allowing ample room for access to reach difficult fasteners.



Product ID No.	in.	B	C	L	Weight lbs.	AS Spec.
<b>J5112</b>	3/8"	9/16"	17/64"	2-11/16"	0.08 lbs.	AS954E S3.8.1
<b>J5114</b>	7/16"	21/32"	19/64"	2-47/64"	0.08 lbs.	AS954E S3.8.1
<b>J5116</b>	1/2"	47/64"	21/64"	2-25/32"	0.10 lbs.	AS954E S3.8.1
<b>J5118</b>	9/16"	13/16"	23/64"	2-13/16"	0.10 lbs.	AS954E S3.8.1
<b>J5120</b>	5/8"	29/32"	25/64"	2-55/64"	0.12 lbs.	AS954E S3.8.1
<b>J5122</b>	11/16"	1"	27/64"	2-29/32"	0.12 lbs.	AS954E S3.8.1
<b>J5124</b>	3/4"	1-5/64"	29/64"	2-61/64"	0.14 lbs.	AS954E S3.8.1
<b>J5126</b>	13/16"	1-11/64"	31/64"	2-63/64"	0.15 lbs.	AS954E S3.8.1
<b>J5128</b>	7/8"	1-17/64"	33/64"	3-1/32"	0.16 lbs.	AS954E S3.8.1

## 3/8" DRIVE RATCHET ADAPTER

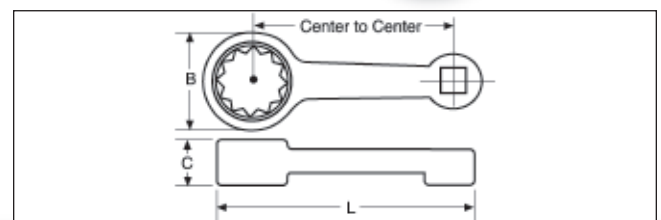
- Converts standard handles to ratcheting handles.

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5285</b>	8"	0.41 lbs.	ASME B107.10M



## 3/8" DRIVE UNIVERSAL JOINT

Product ID No.	Overall Length	Width	Height	Weight lbs.	ASME Spec.
<b>J5270A</b>	2"	1/2"	1/2"	0.13 lbs.	ASME B107.10M



# Sockets, Drive Tools, Accessories



## SET NO. J49000CFL - 3/8" DRIVE 53 PC. CROWFOOT WRENCH SET

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design open end (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Locking hole feature helps keep the crowfoot wrench engaged on the extension during use reducing downtime due to detachment of crowfoot in awkward spaces.
- Use with locking extensions to reach into small spaces or where the fastener is out of sight.
- Locking hole on 3/8" drive crowfoot wrenches available on fractional openings 1" and larger.
- Weight: 26.14 lbs.



Product ID No.	Contents	Description
<b>J49000CFL</b>	J4912CF	Wrench, Crowfoot 3/8" Dr. 3/8" Open End
	J4914CF	Wrench, Crowfoot 3/8" Dr. 7/16" Open End
	J4916CF	Wrench, Crowfoot 3/8" Dr. 1/2" Open End
	J4918CF	Wrench, Crowfoot 3/8" Dr. 9/16" Open End
	J4920CF	Wrench, Crowfoot 3/8" Dr. 5/8" Open End
	J4922CF	Wrench, Crowfoot 3/8" Dr. 11/16" Open End
	J4924CF	Wrench, Crowfoot 3/8" Dr. 3/4" Open End
	J4926CF	Wrench, Crowfoot 3/8" Dr. 13/16" Open End
	J4928CF	Wrench, Crowfoot 3/8" Dr. 7/8" Open End
	J4930CF	Wrench, Crowfoot 3/8" Dr. 15/16" Open End
	J4932CF	Wrench, Crowfoot 3/8" Dr. 1" Open End
	J4934CF	Wrench, Crowfoot 3/8" Dr. 1-1/16" Open End
	J4936CF	Wrench, Crowfoot 3/8" Dr. 1-1/8" Open End
	J4938CF	Wrench, Crowfoot 3/8" Dr. 1-3/16" Open End
	J4940CF	Wrench, Crowfoot 3/8" Dr. 1-1/4" Open End
	J4942CF	Wrench, Crowfoot 3/8" Dr. 1-5/16" Open End
	J4944CF	Wrench, Crowfoot 3/8" Dr. 1-3/8" Open End
	J4946CF	Wrench, Crowfoot 3/8" Dr. 1-7/16" Open End
	J4948CF	Wrench, Crowfoot 3/8" Dr. 1-1/2" Open End
	J4950CF	Wrench, Crowfoot 3/8" Dr. 1-9/16" Open End
	J4952CF	Wrench, Crowfoot 3/8" Dr. 1-5/8" Open End
	J4954CF	Wrench, Crowfoot 3/8" Dr. 1-11/16" Open End
	J4956CF	Wrench, Crowfoot 3/8" Dr. 1-3/4" Open End
	J4958CF	Wrench, Crowfoot 3/8" Dr. 1-13/16" Open End
	J4960CF	Wrench, Crowfoot 3/8" Dr. 1-7/8" Open End
	J4962CF	Wrench, Crowfoot 3/8" Dr. 1-15/16" Open End
	J4964CF	Wrench, Crowfoot 3/8" Dr. 2" Open End

Product ID No.	Contents	Description
	J4966CF	Wrench, Crowfoot 3/8" Dr. 2-1/16" Open End
	J4968CF	Wrench, Crowfoot 3/8" Dr. 2-1/8" Open End
	J4970CF	Wrench, Crowfoot 3/8" Dr. 2-3/16" Open End
	J4972CF	Wrench, Crowfoot 3/8" Dr. 2-1/4" Open End
	J4974CF	Wrench, Crowfoot 3/8" Dr. 2-5/16" Open End
	J4976CF	Wrench, Crowfoot 3/8" Dr. 2-3/8" Open End
	J4978CF	Wrench, Crowfoot 3/8" Dr. 2-7/16" Open End
	J4980CF	Wrench, Crowfoot 3/8" Dr. 2-1/2" Open End
	J4982CF	Wrench, Crowfoot 3/8" Dr. 2-9/16" Open End
	J4984CF	Wrench, Crowfoot 3/8" Dr. 2-5/8" Open End
	J4986CF	Wrench, Crowfoot 3/8" Dr. 2-11/16" Open End
	J4988CF	Wrench, Crowfoot 3/8" Dr. 2-3/4" Open End
	J4990CF	Wrench, Crowfoot 3/8" Dr. 2-13/16" Open End
	J4992CF	Wrench, Crowfoot 3/8" Dr. 2-7/8" Open End
	J4994CF	Wrench, Crowfoot 3/8" Dr. 2-15/16" Open End
	J4996CF	Wrench, Crowfoot 3/8" Dr. 3" Open End
	J4920FL	Wrench, Crowfoot 3/8" Dr. 5/8" Flare Nut
	J4922FL	Wrench, Crowfoot 3/8" Dr. 11/16" Flare Nut
	J4924FL	Wrench, Crowfoot 3/8" Dr. 3/4" Flare Nut
	J4926FL	Wrench, Crowfoot 3/8" Dr. 13/16" Flare Nut
	J4928FL	Wrench, Crowfoot 3/8" Dr. 7/8" Flare Nut
	J4930FL	Wrench, Crowfoot 3/8" Dr. 15/16" Flare Nut
	J4932FL	Wrench, Crowfoot 3/8" Dr. 1" Flare Nut
	J4934FL	Wrench, Crowfoot 3/8" Dr. 1-1/16" Flare Nut
	J5262L	Extension, 3/8" Dr. Locking 12"
	J5260-06L	Extension, 3/8" Dr. Locking 6"





## SET NO. J49001CF - 3/8" DRIVE 43 PC. CROWFOOT WRENCH SET

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design open end (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Locking hole feature helps keep the crowfoot wrench engaged on the extension during use reducing downtime due to detachment of crowfoot in awkward spaces.
- Use with locking extensions to reach into small spaces or where the fastener is out of sight.
- Locking hole on 3/8" drive crowfoot wrenches available on fractional openings 1" and larger.
- Weight: 23.92 lbs.



Product		
ID No.	Contents	Description
<b>J49001CF</b>	J4912CF	Wrench, Crowfoot 3/8" Dr. 3/8" Open End
	J4914CF	Wrench, Crowfoot 3/8" Dr. 7/16" Open End
	J4916CF	Wrench, Crowfoot 3/8" Dr. 1/2" Open End
	J4918CF	Wrench, Crowfoot 3/8" Dr. 9/16" Open End
	J4920CF	Wrench, Crowfoot 3/8" Dr. 5/8" Open End
	J4922CF	Wrench, Crowfoot 3/8" Dr. 11/16" Open End
	J4924CF	Wrench, Crowfoot 3/8" Dr. 3/4" Open End
	J4926CF	Wrench, Crowfoot 3/8" Dr. 13/16" Open End
	J4928CF	Wrench, Crowfoot 3/8" Dr. 7/8" Open End
	J4930CF	Wrench, Crowfoot 3/8" Dr. 15/16" Open End
	J4932CF	Wrench, Crowfoot 3/8" Dr. 1" Open End
	J4934CF	Wrench, Crowfoot 3/8" Dr. 1-1/16" Open End
	J4936CF	Wrench, Crowfoot 3/8" Dr. 1-1/8" Open End
	J4938CF	Wrench, Crowfoot 3/8" Dr. 1-3/16" Open End
	J4940CF	Wrench, Crowfoot 3/8" Dr. 1-1/4" Open End
	J4942CF	Wrench, Crowfoot 3/8" Dr. 1-5/16" Open End
	J4944CF	Wrench, Crowfoot 3/8" Dr. 1-3/8" Open End
	J4946CF	Wrench, Crowfoot 3/8" Dr. 1-7/16" Open End
	J4948CF	Wrench, Crowfoot 3/8" Dr. 1-1/2" Open End
	J4950CF	Wrench, Crowfoot 3/8" Dr. 1-9/16" Open End
	J4952CF	Wrench, Crowfoot 3/8" Dr. 1-5/8" Open End

Product		
ID No.	Contents	Description
	J4954CF	Wrench, Crowfoot 3/8" Dr. 1-11/16" Open End
	J4956CF	Wrench, Crowfoot 3/8" Dr. 1-3/4" Open End
	J4958CF	Wrench, Crowfoot 3/8" Dr. 1-13/16" Open End
	J4960CF	Wrench, Crowfoot 3/8" Dr. 1-7/8" Open End
	J4962CF	Wrench, Crowfoot 3/8" Dr. 1-15/16" Open End
	J4964CF	Wrench, Crowfoot 3/8" Dr. 2" Open End
	J4966CF	Wrench, Crowfoot 3/8" Dr. 2-1/16" Open End
	J4968CF	Wrench, Crowfoot 3/8" Dr. 2-1/8" Open End
	J4970CF	Wrench, Crowfoot 3/8" Dr. 2-3/16" Open End
	J4972CF	Wrench, Crowfoot 3/8" Dr. 2-1/4" Open End
	J4974CF	Wrench, Crowfoot 3/8" Dr. 2-5/16" Open End
	J4976CF	Wrench, Crowfoot 3/8" Dr. 2-3/8" Open End
	J4978CF	Wrench, Crowfoot 3/8" Dr. 2-7/16" Open End
	J4980CF	Wrench, Crowfoot 3/8" Dr. 2-1/2" Open End
	J4982CF	Wrench, Crowfoot 3/8" Dr. 2-9/16" Open End
	J4984CF	Wrench, Crowfoot 3/8" Dr. 2-5/8" Open End
	J4986CF	Wrench, Crowfoot 3/8" Dr. 2-11/16" Open End
	J4988CF	Wrench, Crowfoot 3/8" Dr. 2-3/4" Open End
	J4990CF	Wrench, Crowfoot 3/8" Dr. 2-13/16" Open End
	J4992CF	Wrench, Crowfoot 3/8" Dr. 2-7/8" Open End
	J4994CF	Wrench, Crowfoot 3/8" Dr. 2-15/16" Open End
	J4996CF	Wrench, Crowfoot 3/8" Dr. 3" Open End



# Sockets, Drive Tools, Accessories



## SET NO. J49002CF - 3/8" DRIVE 27 PC. CROWFOOT WRENCH SET

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design open end (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Locking hole feature helps keep the crowfoot wrench engaged on the extension during use reducing downtime due to detachment of crowfoot in awkward spaces.
- Use with locking extensions to reach into small spaces or where the fastener is out of sight.
- Locking hole on 3/8" drive crowfoot wrenches available on fractional openings 1" and larger.
- Weight: 6.74 lbs.



Product ID No.	Content	Description
<b>J49002CF</b>	J4912CF	Wrench, Crowfoot 3/8" Dr. 3/8" Open End
	J4914CF	Wrench, Crowfoot 3/8" Dr. 7/16" Open End
	J4916CF	Wrench, Crowfoot 3/8" Dr. 1/2" Open End
	J4918CF	Wrench, Crowfoot 3/8" Dr. 9/16" Open End
	J4920CF	Wrench, Crowfoot 3/8" Dr. 5/8" Open End
	J4922CF	Wrench, Crowfoot 3/8" Dr. 11/16" Open End
	J4924CF	Wrench, Crowfoot 3/8" Dr. 3/4" Open End
	J4926CF	Wrench, Crowfoot 3/8" Dr. 13/16" Open End
	J4928CF	Wrench, Crowfoot 3/8" Dr. 7/8" Open End
	J4930CF	Wrench, Crowfoot 3/8" Dr. 15/16" Open End
	J4932CF	Wrench, Crowfoot 3/8" Dr. 1" Open End
	J4934CF	Wrench, Crowfoot 3/8" Dr. 1-1/16" Open End
	J4936CF	Wrench, Crowfoot 3/8" Dr. 1-1/8" Open End
	J4938CF	Wrench, Crowfoot 3/8" Dr. 1-3/16" Open End
	J4940CF	Wrench, Crowfoot 3/8" Dr. 1-1/4" Open End
	J4942CF	Wrench, Crowfoot 3/8" Dr. 1-5/16" Open End
	J4944CF	Wrench, Crowfoot 3/8" Dr. 1-3/8" Open End
	J4946CF	Wrench, Crowfoot 3/8" Dr. 1-7/16" Open End
	J4948CF	Wrench, Crowfoot 3/8" Dr. 1-1/2" Open End
	J4950CF	Wrench, Crowfoot 3/8" Dr. 1-9/16" Open End
	J4952CF	Wrench, Crowfoot 3/8" Dr. 1-5/8" Open End
	J4954CF	Wrench, Crowfoot 3/8" Dr. 1-11/16" Open End
	J4956CF	Wrench, Crowfoot 3/8" Dr. 1-3/4" Open End
	J4958CF	Wrench, Crowfoot 3/8" Dr. 1-13/16" Open End
	J4960CF	Wrench, Crowfoot 3/8" Dr. 1-7/8" Open End
	J4962CF	Wrench, Crowfoot 3/8" Dr. 1-15/16" Open End
	J4964CF	Wrench, Crowfoot 3/8" Dr. 2" Open End



## SET NO. J49000MCF - 3/8" DRIVE 16 PC. METRIC CROWFOOT WRENCH SET

**M**ETRIC

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design open end (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Weight: 2.59 lbs.



Product		
ID No.	Contents	Description
<b>J49000MCF</b>	J4909MCF	Wrench, Crowfoot 3/8" Dr. 9 mm Open End
	J4910MCF	Wrench, Crowfoot 3/8" Dr. 10 mm Open End
	J4911MCF	Wrench, Crowfoot 3/8" Dr. 11 mm Open End
	J4912MCF	Wrench, Crowfoot 3/8" Dr. 12 mm Open End
	J4913MCF	Wrench, Crowfoot 3/8" Dr. 13 mm Open End
	J4914MCF	Wrench, Crowfoot 3/8" Dr. 14 mm Open End
	J4915MCF	Wrench, Crowfoot 3/8" Dr. 15 mm Open End
	J4916MCF	Wrench, Crowfoot 3/8" Dr. 16 mm Open End
	J4917MCF	Wrench, Crowfoot 3/8" Dr. 17 mm Open End
	J4918MCF	Wrench, Crowfoot 3/8" Dr. 18 mm Open End
	J4919MCF	Wrench, Crowfoot 3/8" Dr. 19 mm Open End
	J4920MCF	Wrench, Crowfoot 3/8" Dr. 20 mm Open End
	J4921MCF	Wrench, Crowfoot 3/8" Dr. 21 mm Open End
	J4922MCF	Wrench, Crowfoot 3/8" Dr. 22 mm Open End
	J4923MCF	Wrench, Crowfoot 3/8" Dr. 23 mm Open End
	J4924MCF	Wrench, Crowfoot 3/8" Dr. 24 mm Open End

# Sockets, Drive Tools, Accessories



## SET NO. J49003CF - 3/8" DRIVE 15 PC. CROWFOOT WRENCH SET

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design open end (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Locking hole feature helps keep the crowfoot wrench engaged on the extension during use reducing downtime due to detachment of crowfoot in awkward spaces.
- Use with locking extensions to reach into small spaces or where the fastener is out of sight.
- Locking hole on 3/8" drive crowfoot wrenches available on fractional openings 1" and larger.
- Weight: 2.07 lbs.



Product ID No.	Contents	Description
<b>J49003CF</b>	J4912CF	Wrench, Crowfoot 3/8" Dr. 3/8" Open End
	J4914CF	Wrench, Crowfoot 3/8" Dr. 7/16" Open End
	J4916CF	Wrench, Crowfoot 3/8" Dr. 1/2" Open End
	J4918CF	Wrench, Crowfoot 3/8" Dr. 9/16" Open End
	J4920CF	Wrench, Crowfoot 3/8" Dr. 5/8" Open End
	J4922CF	Wrench, Crowfoot 3/8" Dr. 11/16" Open End
	J4924CF	Wrench, Crowfoot 3/8" Dr. 3/4" Open End
	J4926CF	Wrench, Crowfoot 3/8" Dr. 13/16" Open End
	J4928CF	Wrench, Crowfoot 3/8" Dr. 7/8" Open End
	J4930CF	Wrench, Crowfoot 3/8" Dr. 15/16" Open End
	J4932CF	Wrench, Crowfoot 3/8" Dr. 1" Open End
	J4934CF	Wrench, Crowfoot 3/8" Dr. 1-1/16" Open End
	J4936CF	Wrench, Crowfoot 3/8" Dr. 1-1/8" Open End
	J4938CF	Wrench, Crowfoot 3/8" Dr. 1-3/16" Open End
	J4940CF	Wrench, Crowfoot 3/8" Dr. 1-1/4" Open End



## SET NO. J4900-MCF - 3/8" DRIVE 13 PC. METRIC CROWFOOT WRENCH SET

**M**ETRIC

- Locking hole to help hold crowfoot in place during use.
- Use with Proto® Locking Extensions to help prevent tool loss in awkward locations.
- Tight tolerance design to have a snug fit on fasteners.
- Open ends feature Proto® Anti-Slip Design (ASD)
- Patented locking grooves help prevent the end from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area.
- Loads are kept off the corners of the fastener which helps prevent fastener rounding.
- Weight: 1.60 lbs.



Product ID No.	Contents	Description
<b>J4900-MCF</b>	J4910M	Crowfoot Wrench 3/8" Drive 10 mm
	J4911M	Crowfoot Wrench 3/8" Drive 11 mm
	J4912M	Crowfoot Wrench 3/8" Drive 12 mm
	J4913M	Crowfoot Wrench 3/8" Drive 13 mm
	J4914M	Crowfoot Wrench 3/8" Drive 14 mm
	J4915M	Crowfoot Wrench 3/8" Drive 15 mm
	J4916M	Crowfoot Wrench 3/8" Drive 16 mm
	J4917M	Crowfoot Wrench 3/8" Drive 17 mm
	J4918M	Crowfoot Wrench 3/8" Drive 18 mm
	J4919M	Crowfoot Wrench 3/8" Drive 19 mm
	J4920M	Crowfoot Wrench 3/8" Drive 20 mm
	J4921M	Crowfoot Wrench 3/8" Drive 21 mm
	J4922M	Crowfoot Wrench 3/8" Drive 22 mm
J2587	Socket Bar 17"	
J2591	Socket Clips	

# Sockets, Drive Tools, Accessories



## SET NO. J49004CF - 3/8" DRIVE 9 PC. CROWFOOT WRENCH SET

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design open end (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Locking hole feature helps keep the crowfoot wrench engaged on the extension during use reducing downtime due to detachment of crowfoot in awkward spaces.
- Use with locking extensions to reach into small spaces or where the fastener is out of sight.
- Locking hole on 3/8" drive crowfoot wrenches available on fractional openings 1" and larger.
- Weight: 0.83 lbs.



### Product

ID No.	Contents	Description
<b>J49004CF</b>	J4912CF	Wrench, Crowfoot 3/8" Dr. 3/8" Open End
	J4914CF	Wrench, Crowfoot 3/8" Dr. 7/16" Open End
	J4916CF	Wrench, Crowfoot 3/8" Dr. 1/2" Open End
	J4918CF	Wrench, Crowfoot 3/8" Dr. 9/16" Open End
	J4920CF	Wrench, Crowfoot 3/8" Dr. 5/8" Open End
	J4922CF	Wrench, Crowfoot 3/8" Dr. 11/16" Open End
	J4924CF	Wrench, Crowfoot 3/8" Dr. 3/4" Open End
	J4926CF	Wrench, Crowfoot 3/8" Dr. 13/16" Open End
	J4928CF	Wrench, Crowfoot 3/8" Dr. 7/8" Open End





## 3/8" DRIVE CROWFOOT WRENCHES

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design open end (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Locking hole feature helps keep the crowfoot wrench engaged on the extension during use reducing downtime due to detachment of crowfoot in awkward spaces.
- Use with locking extensions to reach into small spaces or where the fastener is out of sight.
- Locking hole on 3/8" drive crowfoot wrenches available on fractional openings 1" and larger.



Product ID No.	in.	Length	Weight lbs.	ASME Spec.
J4912CF	3/8"	1-13/64"	0.06 lbs.	ASME B107.21
J4914CF	7/16"	1-3/16"	0.06 lbs.	ASME B107.21
J4916CF	1/2"	1-5/16"	0.07 lbs.	ASME B107.21
J4918CF	9/16"	1-9/32"	0.07 lbs.	ASME B107.21
J4920CF	5/8"	1-1/2"	0.09 lbs.	ASME B107.21
J4922CF	11/16"	1-31/64"	0.09 lbs.	ASME B107.21
J4924CF	3/4"	1-41/64"	0.11 lbs.	ASME B107.21
J4926CF	13/16"	1-5/8"	0.11 lbs.	ASME B107.21
J4928CF	7/8"	1-19/32"	0.12 lbs.	ASME B107.21
J4930CF	15/16"	1-5/8"	0.13 lbs.	ASME B107.21
J4932CF	1"	1-49/64"	0.13 lbs.	ASME B107.21
J4934CF	1-1/16"	2-3/16"	0.24 lbs.	ASME B107.21
J4936CF	1-1/8"	2-7/32"	0.24 lbs.	ASME B107.21
J4938CF	1-3/16"	2-9/32"	0.24 lbs.	ASME B107.21
J4940CF	1-1/4"	2-5/32"	0.21 lbs.	ASME B107.21
J4942CF	1-5/16"	2-1/2"	0.25 lbs.	ASME B107.21
J4944CF	1-3/8"	2-1/2"	0.29 lbs.	ASME B107.21
J4946CF	1-7/16"	2-5/8"	0.29 lbs.	ASME B107.21
J4948CF	1-1/2"	2-11/16"	0.33 lbs.	ASME B107.21
J4950CF	1-9/16"	2-3/4"	0.34 lbs.	ASME B107.21
J4952CF	1-5/8"	2-13/16"	0.38 lbs.	ASME B107.21

Product ID No.	in.	Length	Weight lbs.	ASME Spec.
J4954CF	1-11/16"	2-15/16"	0.36 lbs.	ASME B107.21
J4956CF	1-3/4"	2-15/16"	0.39 lbs.	ASME B107.21
J4958CF	1-13/16"	3-1/16"	0.40 lbs.	ASME B107.21
J4960CF	1-7/8"	3-1/8"	0.45 lbs.	ASME B107.21
J4962CF	1-15/16"	3-1/4"	0.49 lbs.	ASME B107.21
J4964CF	2"	3-3/8"	0.73 lbs.	ASME B107.21
J4966CF	2-1/16"	3-7/16"	0.71 lbs.	ASME B107.21
J4968CF	2-1/8"	3-7/16"	0.74 lbs.	ASME B107.21
J4970CF	2-3/16"	3-5/8"	0.78 lbs.	ASME B107.21
J4972CF	2-1/4"	3-11/16"	0.89 lbs.	ASME B107.21
J4974CF	2-5/16"	3-3/4"	0.90 lbs.	ASME B107.21
J4976CF	2-3/8"	3-15/16"	1.01 lbs.	ASME B107.21
J4978CF	2-7/16"	4-1/4"	1.03 lbs.	ASME B107.21
J4980CF	2-1/2"	4-1/4"	1.10 lbs.	ASME B107.21
J4982CF	2-9/16"	4-5/16"	1.11 lbs.	ASME B107.21
J4984CF	2-5/8"	4-1/2"	1.27 lbs.	ASME B107.21
J4986CF	2-11/16"	4-9/16"	1.34 lbs.	ASME B107.21
J4988CF	2-3/4"	4-11/16"	1.37 lbs.	ASME B107.21
J4990CF	2-13/16"	4-13/16"	1.38 lbs.	ASME B107.21
J4992CF	2-7/8"	4-15/16"	1.52 lbs.	ASME B107.21
J4994CF	2-15/16"	4-15/16"	1.58 lbs.	ASME B107.21
J4996CF	3"	5"	1.55 lbs.	ASME B107.21

# Sockets, Drive Tools, Accessories



## 3/8" DRIVE METRIC CROWFOOT WRENCHES

**M**ETRIC

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design open end (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Locking hole feature helps keep the crowfoot wrench engaged on the extension during use reducing downtime due to detachment of crowfoot in awkward spaces.
- Use with locking extensions to reach into small spaces or where the fastener is out of sight.



Product ID No.	Size (mm)	Length	Weight lbs.	ASME Spec.
J4909MCF	9	1-5/6"	0.05 lbs	ASME B107.21
J4910MCF	10	1-11/32"	0.05 lbs.	ASME B107.21
J4911MCF	11	1-3/8"	0.07 lbs.	ASME B107.21
J4912MCF	12	1-15/32"	0.07 lbs.	ASME B107.21
J4913MCF	13	1-1/2"	0.06 lbs.	ASME B107.21
J4914MCF	14	1-1/2"	0.07 lbs.	ASME B107.21
J4915MCF	15	1-5/8"	0.10 lbs.	ASME B107.21
J4917MCF	17	1-23/32"	0.10 lbs.	ASME B107.21
J4918MCF	18	1-15/16"	0.13 lbs.	ASME B107.21
J4919MCF	19	1-15/16"	0.13 lbs.	ASME B107.21
J4929MCF	20	2-1/16"	0.13 lbs.	ASME B107.21
J4921MCF	21	2-3/32"	0.14 lbs	ASME B107.21
J4922MCF	22	2-7/32"	0.15 lbs.	ASME B107.21
J4923MCF	23	2-11/32"	0.19 lbs	ASME B107.21
J4924MCF	24	2-13/32"	0.19 lbs.	ASME B107.21



## SET NO. J49000CFFN - 3/8" DRIVE 8 PC. CROWFOOT WRENCH SET

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- 12 point flare nut end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Weight: 1.15 lbs.



Product		
ID No.	Contents	Description
<b>J49000CFFN</b>	J4920FL	Wrench, Crowfoot 3/8" Dr. 5/8" Flare Nut
	J4922FL	Wrench, Crowfoot 3/8" Dr. 11/16" Flare Nut
	J4924FL	Wrench, Crowfoot 3/8" Dr. 3/4" Flare Nut
	J4926FL	Wrench, Crowfoot 3/8" Dr. 13/16" Flare Nut
	J4928FL	Wrench, Crowfoot 3/8" Dr. 7/8" Flare Nut
	J4930FL	Wrench, Crowfoot 3/8" Dr. 15/16" Flare Nut
	J4932FL	Wrench, Crowfoot 3/8" Dr. 1" Flare Nut
	J4934FL	Wrench, Crowfoot 3/8" Dr. 1-1/16" Flare Nut


# Sockets, Drive Tools, Accessories

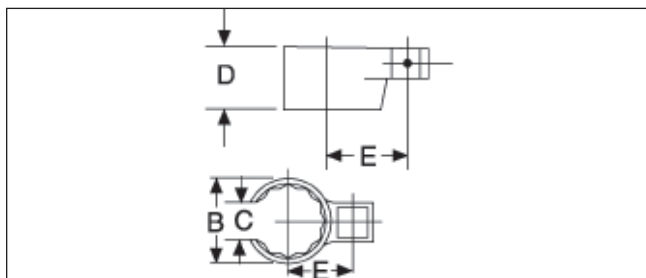


## 3/8" DRIVE FLARE NUT CROWFOOT WRENCHES - 12 POINT

- Designed for speed and safety.
- Special heat-treated alloy steel helps increase strength and durability.
- 12 Point Box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Full Polish finish provides corrosion resistance and easy to clean surfaces.
- Locking hole helps hold crowfoot in place during use.
- Use with a Proto® Locking Extension to help prevent tool loss in awkward locations.



Product ID No.	 in.	B	C	D	E	Weight lbs.	ASME Spec.
J4920FL	5/8"	63/64"	29/64"	11/16"	3/4"	0.09 lbs.	ASME B107.21-2005
J4922FL	11/16"	1-3/64"	1/2"	11/16"	51/64"	0.10 lbs.	ASME B107.21-2005
J4924FL	3/4"	1-11/64"	17/32"	23/32"	27/32"	0.12 lbs.	ASME B107.21-2005
J4926FL	13/16"	1-1/16"	19/32"	23/32"	57/64"	0.12 lbs.	ASME B107.21-2005
J4928FL	7/8"	1-11/32"	21/32"	3/4"	63/64"	0.16 lbs.	ASME B107.21-2005
J4930FL	15/16"	1-27/64"	11/16"	3/4"	61/64"	0.17 lbs.	ASME B107.21-2005
J4932FL	1"	1-1/2"	23/32"	25/32"	1-1/32"	0.18 lbs.	ASME B107.21-2005
J4934FL	1-1/16"	1-37/64"	49/64"	25/32"	1-1/16"	0.20 lbs.	ASME B107.21-2005



## SET NO. J54122 - 1/2" DRIVE 18 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 12.04 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J54122</b>	J5412H	Socket 1/2" Dr. 3/8" 6 Pt.	ASME B107.1
	J5414H	Socket 1/2" Dr. 7/16" 6 Pt.	ASME B107.1
	J5416H	Socket 1/2" Dr. 1/2" 6 Pt.	ASME B107.1
	J5418H	Socket 1/2" Dr. 9/16" 6 Pt.	ASME B107.1
	J5420H	Socket 1/2" Dr. 5/8" 6 Pt.	ASME B107.1
	J5422H	Socket 1/2" Dr. 11/16" 6 Pt.	ASME B107.1
	J5424H	Socket 1/2" Dr. 3/4" 6 Pt.	ASME B107.1
	J5426H	Socket 1/2" Dr. 13/16" 6 Pt.	ASME B107.1
	J5428H	Socket 1/2" Dr. 7/8" 6 Pt.	ASME B107.1
	J5430H	Socket 1/2" Dr. 15/16" 6 Pt.	ASME B107.1
	J5432H	Socket 1/2" Dr. 1" 6 Pt.	ASME B107.1
	J5434H	Socket 1/2" Dr. 1-1/16" 6 Pt.	ASME B107.1
	J5436H	Socket 1/2" Dr. 1-1/8" 6 Pt.	ASME B107.1
	J5438H	Socket 1/2" Dr. 1-3/16" 6 Pt.	ASME B107.1
	J5440H	Socket 1/2" Dr. 1-1/4" 6 Pt.	ASME B107.1
	J5449	Ratchet 1/2" Dr.	ASME B107.10M
	J5461	Extension 1/2" Dr. 5"	ASME B107.10M
	J5467	Hinge Handle 1/2" Dr. 15-3/4"	ASME B107.10M
	J5498	Metal Tool Box	



# Sockets, Drive Tools, Accessories



## SET NO. J54130 - 1/2" DRIVE 65 PC. SOCKET SET WITH TOOL BOX - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 82 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54130</b>	J5412	Socket 1/2" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5414	Socket 1/2" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5416	Socket 1/2" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5418	Socket 1/2" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5419	Socket 1/2" Dr. 19/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5420	Socket 1/2" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5422	Socket 1/2" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5424	Socket 1/2" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5425	Socket 1/2" Dr. 25/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5426	Socket 1/2" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5428	Socket 1/2" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5429	Socket 1/2" Dr. 29/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5430	Socket 1/2" Dr. 15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5432	Socket 1/2" Dr. 1" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5434	Socket 1/2" Dr. 1-1/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5436	Socket 1/2" Dr. 1-1/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5438	Socket 1/2" Dr. 1-3/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5440	Socket 1/2" Dr. 1-1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5442	Socket 1/2" Dr. 1-5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5444	Socket 1/2" Dr. 1-3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5446	Socket 1/2" Dr. 1-7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5448	Socket 1/2" Dr. 1-1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5316	Socket 1/2" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5318	Socket 1/2" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5320	Socket 1/2" Dr. 5/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5322	Socket 1/2" Dr. 11/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5324	Socket 1/2" Dr. 3/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5326	Socket 1/2" Dr. 13/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
J5328		Socket 1/2" Dr. 7/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5330		Socket 1/2" Dr. 15/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5332		Socket 1/2" Dr. 1" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5334		Socket 1/2" Dr. 1-1/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5336		Socket 1/2" Dr. 1-1/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5340		Socket 1/2" Dr. 1-1/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5475		Socket, Universal 1/2" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5476		Socket, Universal 1/2" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5477		Socket, Universal 1/2" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5412S		Socket 1/2" Dr. 3/8" 8 Pt.	ASME B107.1	
J5414S		Socket 1/2" Dr. 7/16" 8 Pt.	ASME B107.1	
J5416S		Socket 1/2" Dr. 1/2" 8 Pt.	ASME B107.1	
J5418S		Socket 1/2" Dr. 9/16" 8 Pt.	ASME B107.1	
J5420S		Socket 1/2" Dr. 5/8" 8 Pt.	ASME B107.1	
J5422S		Socket 1/2" Dr. 11/16" 8 Pt.	ASME B107.1	
J5424S		Socket 1/2" Dr. 3/4" 8 Pt.	ASME B107.1	
J5426S		Socket 1/2" Dr. 13/16" 8 Pt.	ASME B107.1	
J5428S		Socket 1/2" Dr. 7/8" 8 Pt.	ASME B107.1	
J5432S		Socket 1/2" Dr. 1" 8 Pt.	ASME B107.1	
J5441 1/4		Socket, Hex Bit 1/2" Dr. 1/4"		
J5441 5/16		Socket, Hex Bit 1/2" Dr. 5/16"		
J5441 3/8		Socket, Hex Bit 1/2" Dr. 3/8"		
J5441 7/16		Socket, Hex Bit 1/2" Dr. 7/16"		
J5441 1/2		Socket, Hex Bit 1/2" Dr. 1/2"		
J5441 9/16		Socket, Hex Bit 1/2" Dr. 9/16"		
J5441 5/8		Socket, Hex Bit 1/2" Dr. 5/8"		
J5444A		Socket 1/2" Dr. Drag Link		
J5447		Ratchet Adapter 1/2" Dr.	ASME B107.10M	
J5449		Ratchet 1/2" Dr.	ASME B107.10M	
J5450		Ratchet 1/2" Dr. (Long Handle)	ASME B107.10M	
J5460		Extension 1/2" Dr. 2-1/2"	ASME B107.10M	AS 4283
J5461		Extension 1/2" Dr. 5"	ASME B107.10M	AS 4283
J5463		Extension 1/2" Dr. 10"	ASME B107.10M	AS 4283
J5468		Handle, Hinge 1/2" Dr.	ASME B107.10M	AS 4283
J5470A		Socket 1/2" Drive Universal Joint	ASME B107.10M	
J5480		Handle, Speeder 1/2" Dr.	ASME B107.10M	
J5485		Sliding T Handle 1/2" Dr.	ASME B107.10M	
J442715-4RD-D		Chest With Drop Front 27" Red		

# Sockets, Drive Tools, Accessories



## SET NO. J54132 - 1/2" DRIVE 65 PC. SOCKET SET TOOLS ONLY - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 27.52 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54132</b>	J5412	Socket 1/2" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5414	Socket 1/2" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5416	Socket 1/2" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5418	Socket 1/2" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5419	Socket 1/2" Dr. 19/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5420	Socket 1/2" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5422	Socket 1/2" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5424	Socket 1/2" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5425	Socket 1/2" Dr. 25/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5426	Socket 1/2" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5428	Socket 1/2" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5429	Socket 1/2" Dr. 29/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5430	Socket 1/2" Dr. 15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5432	Socket 1/2" Dr. 1" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5434	Socket 1/2" Dr. 1-1/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5436	Socket 1/2" Dr. 1-1/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5438	Socket 1/2" Dr. 1-3/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5440	Socket 1/2" Dr. 1-1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5442	Socket 1/2" Dr. 1-5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5444	Socket 1/2" Dr. 1-3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5446	Socket 1/2" Dr. 1-7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5448	Socket 1/2" Dr. 1-1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5316	Socket 1/2" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5318	Socket 1/2" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5320	Socket 1/2" Dr. 5/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5322	Socket 1/2" Dr. 11/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5324	Socket 1/2" Dr. 3/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5326	Socket 1/2" Dr. 13/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5328	Socket 1/2" Dr. 7/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5330	Socket 1/2" Dr. 15/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5332	Socket 1/2" Dr. 1" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5334	Socket 1/2" Dr. 1-1/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1



Product				
ID No.	Contents	Description	ASME Spec.	AS Spec.
J5336		Socket 1/2" Dr. 1-1/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5340		Socket 1/2" Dr. 1-1/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J5475		Socket, Universal 1/2" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5476		Socket, Universal 1/2" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5477		Socket, Universal 1/2" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
J5412S		Socket 1/2" Dr. 3/8" 8 Pt.	ASME B107.1	
J5414S		Socket 1/2" Dr. 7/16" 8 Pt.	ASME B107.1	
J5416S		Socket 1/2" Dr. 1/2" 8 Pt.	ASME B107.1	
J5418S		Socket 1/2" Dr. 9/16" 8 Pt.	ASME B107.1	
J5420S		Socket 1/2" Dr. 5/8" 8 Pt.	ASME B107.1	
J5422S		Socket 1/2" Dr. 11/16" 8 Pt.	ASME B107.1	
J5424S		Socket 1/2" Dr. 3/4" 8 Pt.	ASME B107.1	
J5426S		Socket 1/2" Dr. 13/16" 8 Pt.	ASME B107.1	
J5428S		Socket 1/2" Dr. 7/8" 8 Pt.	ASME B107.1	
J5432S		Socket 1/2" Dr. 1" 8 Pt.	ASME B107.1	
J5441 1/4		Socket, Hex Bit 1/2" Dr. 1/4"		
J5441 5/16		Socket, Hex Bit 1/2" Dr. 5/16"		
J5441 3/8		Socket, Hex Bit 1/2" Dr. 3/8"		
J5441 7/16		Socket, Hex Bit 1/2" Dr. 7/16"		
J5441 1/2		Socket, Hex Bit 1/2" Dr. 1/2"		
J5441 9/16		Socket, Hex Bit 1/2" Dr. 9/16"		
J5441 5/8		Socket, Hex Bit 1/2" Dr. 5/8"		
J5444A		Socket 1/2" Dr. Drag Link		
J5447		Ratchet Adapter 1/2" Dr.		
J5449		Ratchet 1/2" Dr.		
J5450		Ratchet 1/2" Dr. (Long Handle)		
J5460		Extension 1/2" Dr. 2-1/2"		AS 4283
J5461		Extension 1/2" Dr. 5"		AS 4283
J5463		Extension 1/2" Dr. 10"		AS 4283
J5468		Handle, Hinge 1/2" Dr.		AS 4283
J5470A		Socket 1/2" Drive Universal Joint		
J5480		Handle, Speeder 1/2" Dr.		
J5485		Sliding T Handle 1/2" Dr.		



# Sockets, Drive Tools, Accessories



## SET NO. J54126 - 1/2" DRIVE 30 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 19.9 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54126</b>	J5412	Socket 1/2" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5414	Socket 1/2" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5416	Socket 1/2" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5418	Socket 1/2" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5420	Socket 1/2" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5422	Socket 1/2" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5424	Socket 1/2" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5426	Socket 1/2" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5428	Socket 1/2" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5430	Socket 1/2" Dr. 15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5432	Socket 1/2" Dr. 1" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5434	Socket 1/2" Dr. 1-1/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5436	Socket 1/2" Dr. 1-1/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5440	Socket 1/2" Dr. 1-1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5316	Socket 1/2" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5318	Socket 1/2" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5320	Socket 1/2" Dr. 5/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5322	Socket 1/2" Dr. 11/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5324	Socket 1/2" Dr. 3/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5326	Socket 1/2" Dr. 13/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5328	Socket 1/2" Dr. 7/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5330	Socket 1/2" Dr. 15/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5332	Socket 1/2" Dr. 1" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5334	Socket 1/2" Dr. 1-1/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5336	Socket 1/2" Dr. 1-1/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5340	Socket 1/2" Dr. 1-1/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5449	Ratchet 1/2" Dr.	ASME B107.10M	
	J5461	Extension 1/2" Dr. 5"	ASME B107.10M	AS 4283
	J5463	Extension 1/2" Dr. 10"	ASME B107.10M	AS 4283
	J5467	Hinge Handle 1/2" Dr. 15-3/4"	ASME B107.10M	AS 4283
	J5499	Tool Box		





## SET NO. J54128 - 1/2" DRIVE 27 PC. TOOL SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 19.09 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54128</b>	J1212ASD	Wrench, Combination 3/8" 12 Pt.	ASME B107.100	AS 954
	J1214ASD	Wrench, Combination 7/16" 12 Pt.	ASME B107.100	AS 954
	J1216ASD	Wrench, Combination 1/2" 12 Pt.	ASME B107.100	AS 954
	J1218ASD	Wrench, Combination 9/16" 12 Pt.	ASME B107.100	AS 954
	J1220ASD	Wrench, Combination 5/8" 12 Pt.	ASME B107.100	AS 954
	J1222ASD	Wrench, Combination 11/16" 12 Pt.	ASME B107.100	AS 954
	J1224ASD	Wrench, Combination 3/4" 12 Pt.	ASME B107.100	AS 954
	J263SG	Pliers, Tongue and Groove 9-1/2" w/Grip	ASME B107.23	
	J5320-50	Socket Spark Plug 5/8"	ASME B107.34	
	J5414	Socket 1/2" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5416	Socket 1/2" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5418	Socket 1/2" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5420	Socket 1/2" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5422	Socket 1/2" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5424	Socket 1/2" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5426	Socket 1/2" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5428	Socket 1/2" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5430	Socket 1/2" Dr. 15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5432	Socket 1/2" Dr. 1" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5434	Socket 1/2" Dr. 1-1/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5436	Socket 1/2" Dr. 1-1/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5440	Socket 1/2" Dr. 1-1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5449	Ratchet 1/2" Dr.	ASME B107.10M	
	J5461	Extension 1/2" Dr. 5"	ASME B107.10M	AS 4283
	J5463	Extension 1/2" Dr. 10"	ASME B107.10M	AS 4283
	J5467	Hinge Handle 1/2" Dr. 15-3/4"	ASME B107.10M	AS 4283
	J5470A	Socket 1/2" Drive Universal Joint	ASME B107.10M	
J5496	Tool Box			

# Sockets, Drive Tools, Accessories

## SET NO. J54124 - 1/2" DRIVE 26 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 17.69 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54124</b>	J5412	Socket 1/2" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5414	Socket 1/2" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5416	Socket 1/2" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5418	Socket 1/2" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5419	Socket 1/2" Dr. 19/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5420	Socket 1/2" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5421	Socket 1/2" Dr. 21/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5422	Socket 1/2" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5424	Socket 1/2" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5425	Socket 1/2" Dr. 25/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5426	Socket 1/2" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5428	Socket 1/2" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5430	Socket 1/2" Dr. 15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5431	Socket 1/2" Dr. 31/32" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5432	Socket 1/2" Dr. 1" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5434	Socket 1/2" Dr. 1-1/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5436	Socket 1/2" Dr. 1-1/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5438	Socket 1/2" Dr. 1-3/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5440	Socket 1/2" Dr. 1-1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5449	Ratchet 1/2" Dr.	ASME B107.10M	
	J5460	Extension 1/2" Dr. 2-1/2"	ASME B107.10M	AS 4283
	J5461	Extension 1/2" Dr. 5"	ASME B107.10M	AS 4283
	J5463	Extension 1/2" Dr. 10"	ASME B107.10M	AS 4283
	J5468	Handle, Hinge 1/2" Dr.	ASME B107.10M	AS 4283
	J5470A	Socket 1/2" Drive Universal Joint	ASME B107.10M	
	J5480	Handle, Speeder 1/2" Dr.	ASME B107.10M	
	J5496	Tool Box		



## SET NO. J54120 - 1/2" DRIVE 18 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 11.80 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54120</b>	J5412	Socket 1/2" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5414	Socket 1/2" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5416	Socket 1/2" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5418	Socket 1/2" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5420	Socket 1/2" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5422	Socket 1/2" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5424	Socket 1/2" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5426	Socket 1/2" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5428	Socket 1/2" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5430	Socket 1/2" Dr. 15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5432	Socket 1/2" Dr. 1" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5434	Socket 1/2" Dr. 1-1/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5436	Socket 1/2" Dr. 1-1/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5438	Socket 1/2" Dr. 1-3/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5440	Socket 1/2" Dr. 1-1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5449	Ratchet 1/2" Dr.	ASME B107.10M	
	J5461	Extension 1/2" Dr. 5"	ASME B107.10M	AS 4283
	J5467	Hinge Handle 1/2" Dr. 15-3/4"	ASME B107.10M	AS 4283
	J5498	Metal Tool Box		

# Sockets, Drive Tools, Accessories



## SET NO. J54118 - 1/2" DRIVE 16 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 13.48 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54118</b>	J5414	Socket 1/2" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5416	Socket 1/2" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5418	Socket 1/2" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5420	Socket 1/2" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5422	Socket 1/2" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5424	Socket 1/2" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5426	Socket 1/2" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5428	Socket 1/2" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5430	Socket 1/2" Dr. 15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5432	Socket 1/2" Dr. 1" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5449	Ratchet 1/2" Dr.	ASME B107.10M	
	J5461	Extension 1/2" Dr. 5"	ASME B107.10M	AS 4283
	J5463	Extension 1/2" Dr. 10"	ASME B107.10M	AS 4283
	J5467	Hinge Handle 1/2" Dr. 15-3/4"	ASME B107.10M	AS 4283
	J5470A	Socket 1/2" Drive Universal Joint	ASME B107.10M	
	J5480	Handle, Speeder 1/2" Dr.	ASME B107.10M	
J5497	Tool Box			





## SET NO. J54116 - 1/2" DRIVE 12 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 5.88 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54116</b>	J5414	Socket 1/2" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5416	Socket 1/2" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5418	Socket 1/2" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5420	Socket 1/2" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5422	Socket 1/2" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5424	Socket 1/2" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5426	Socket 1/2" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5428	Socket 1/2" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5430	Socket 1/2" Dr. 15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5432	Socket 1/2" Dr. 1" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5449	Ratchet 1/2" Dr.	ASME B107.10M	
	J5461	Extension 1/2" Dr. 5"	ASME B107.10M	AS 4283
J5497	Tool Box			



# Sockets, Drive Tools, Accessories



## SET NO. J54216 1/2" DRIVE 54 PC. METRIC SOCKET SET WITH TOOL BOX - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 76.88 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54216</b>	J5410M	Socket 1/2" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5411M	Socket 1/2" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5412M	Socket 1/2" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5413M	Socket 1/2" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5414M	Socket 1/2" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5415M	Socket 1/2" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5416M	Socket 1/2" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5417M	Socket 1/2" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5418M	Socket 1/2" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5419M	Socket 1/2" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5420M	Socket 1/2" Dr. 20 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5421M	Socket 1/2" Dr. 21 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5422M	Socket 1/2" Dr. 22 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5423M	Socket 1/2" Dr. 23 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5424M	Socket 1/2" Dr. 24 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5425M	Socket 1/2" Dr. 25 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5426M	Socket 1/2" Dr. 26 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5427M	Socket 1/2" Dr. 27 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5428M	Socket 1/2" Dr. 28 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5429M	Socket 1/2" Dr. 29 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5430M	Socket 1/2" Dr. 30 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5432M	Socket 1/2" Dr. 32 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5436M	Socket 1/2" Dr. 36 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5310M	Socket 1/2" Dr. 10 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5311M	Socket 1/2" Dr. 11 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5312M	Socket 1/2" Dr. 12 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
J5313M		Socket 1/2" Dr. 13 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5314M		Socket 1/2" Dr. 14 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5315M		Socket 1/2" Dr. 15 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5316M		Socket 1/2" Dr. 16 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5317M		Socket 1/2" Dr. 17 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5318M		Socket 1/2" Dr. 18 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5319M		Socket 1/2" Dr. 19 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5320M		Socket 1/2" Dr. 20 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5321M		Socket 1/2" Dr. 21 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5322M		Socket 1/2" Dr. 22 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5324M		Socket 1/2" Dr. 24 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5325M		Socket 1/2" Dr. 25 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5326M		Socket 1/2" Dr. 26 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
J5441-6M		Socket, Hex Bit 1/2" Dr. 6 mm		
J5441-8M		Socket, Hex Bit 1/2" Dr. 8 mm		
J5441-10M		Socket, Hex Bit 1/2" Dr. 10 mm		
J5441-12M		Socket, Hex Bit 1/2" Dr. 12 mm		
J5441-14M		Socket, Hex Bit 1/2" Dr. 14 mm		
J5441-17M		Socket, Hex Bit 1/2" Dr. 17 mm		
J5449		Ratchet 1/2" Dr.	ASME B107.10M	
J5450		Ratchet 1/2" Dr. (Long Handle)	ASME B107.10M	
J5460		Extension 1/2" Dr. 2-1/2"	ASME B107.10M	AS 4283
J5461		Extension 1/2" Dr. 5"	ASME B107.10M	AS 4283
J5463		Extension 1/2" Dr. 10"	ASME B107.10M	AS 4283
J5468		Handle, Hinge 1/2" Dr.	ASME B107.10M	AS 4283
J5470A		Universal Joint 1/2" Dr.	ASME B107.10M	
J5480		Handle, Speeder 1/2" Dr.	ASME B107.10M	
J5485		Sliding T Handle 1/2" Dr.	ASME B107.10M	
J442715-4RD-D		Chest With Drop Front 27" Red		

# Sockets, Drive Tools, Accessories



## SET NO. J54218 - 1/2" DRIVE 54 PC. METRIC SOCKET SET - 12 POINT

**METRIC**

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 25.75 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54218</b>	J5410M	Socket 1/2" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5411M	Socket 1/2" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5412M	Socket 1/2" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5413M	Socket 1/2" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5414M	Socket 1/2" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5415M	Socket 1/2" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5416M	Socket 1/2" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5417M	Socket 1/2" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5418M	Socket 1/2" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5419M	Socket 1/2" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5420M	Socket 1/2" Dr. 20 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5421M	Socket 1/2" Dr. 21 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5422M	Socket 1/2" Dr. 22 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5423M	Socket 1/2" Dr. 23 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5424M	Socket 1/2" Dr. 24 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5425M	Socket 1/2" Dr. 25 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5426M	Socket 1/2" Dr. 26 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5427M	Socket 1/2" Dr. 27 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5428M	Socket 1/2" Dr. 28 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5429M	Socket 1/2" Dr. 29 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5430M	Socket 1/2" Dr. 30 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5432M	Socket 1/2" Dr. 32 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5436M	Socket 1/2" Dr. 36 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5310M	Socket 1/2" Dr. 10 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5311M	Socket 1/2" Dr. 11 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5312M	Socket 1/2" Dr. 12 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5313M	Socket 1/2" Dr. 13 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5314M	Socket 1/2" Dr. 14 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5315M	Socket 1/2" Dr. 15 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1



Product					
ID No.	Contents	Description	ASME Spec.	AS Spec.	
J5316M		Socket 1/2" Dr. 16 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1	
J5317M		Socket 1/2" Dr. 17 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1	
J5318M		Socket 1/2" Dr. 18 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1	
J5319M		Socket 1/2" Dr. 19 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1	
J5320M		Socket 1/2" Dr. 20 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1	
J5321M		Socket 1/2" Dr. 21 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1	
J5322M		Socket 1/2" Dr. 22 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1	
J5324M		Socket 1/2" Dr. 24 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1	
J5325M		Socket 1/2" Dr. 25 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1	
J5326M		Socket 1/2" Dr. 26 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1	
J5441-6M		Socket, Hex Bit 1/2" Dr. 6 mm			
J5441-8M		Socket, Hex Bit 1/2" Dr. 8 mm			
J5441-10M		Socket, Hex Bit 1/2" Dr. 10 mm			
J5441-12M		Socket, Hex Bit 1/2" Dr. 12 mm			
J5441-14M		Socket, Hex Bit 1/2" Dr. 14 mm			
J5441-17M		Socket, Hex Bit 1/2" Dr. 17 mm			
J5449		Ratchet 1/2" Dr.	ASME B107.10M		
J5450		Ratchet 1/2" Dr. (Long Handle)	ASME B107.10M		
J5460		Extension 1/2" Dr. 2-1/2"	ASME B107.10M	AS 4283	
J5461		Extension 1/2" Dr. 5"	ASME B107.10M	AS 4283	
J5463		Extension 1/2" Dr. 10"	ASME B107.10M	AS 4283	
J5468		Handle, Hinge 1/2" Dr.	ASME B107.10M	AS 4283	
J5470A		Socket 1/2" Drive Universal Joint	ASME B107.10M		
J5480		Handle, Speeder 1/2" Dr.	ASME B107.10M		
J5485		Sliding T Handle 1/2" Dr.	ASME B107.10M		



# Sockets, Drive Tools, Accessories



## SET NO. J54214 1/2" DRIVE 31 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54214</b>	J5410M	Socket 1/2" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5411M	Socket 1/2" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5412M	Socket 1/2" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5413M	Socket 1/2" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5414M	Socket 1/2" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5415M	Socket 1/2" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5416M	Socket 1/2" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5417M	Socket 1/2" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5418M	Socket 1/2" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5419M	Socket 1/2" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5420M	Socket 1/2" Dr. 20 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5421M	Socket 1/2" Dr. 21 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5422M	Socket 1/2" Dr. 22 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5423M	Socket 1/2" Dr. 23 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5424M	Socket 1/2" Dr. 24 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5425M	Socket 1/2" Dr. 25 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5426M	Socket 1/2" Dr. 26 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5316M	Socket 1/2" Dr. 16 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5317M	Socket 1/2" Dr. 17 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5318M	Socket 1/2" Dr. 18 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5319M	Socket 1/2" Dr. 19 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5320M	Socket 1/2" Dr. 20 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5321M	Socket 1/2" Dr. 21 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5322M	Socket 1/2" Dr. 22 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5324M	Socket 1/2" Dr. 24 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5325M	Socket 1/2" Dr. 25 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5326M	Socket 1/2" Dr. 26 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5449	Ratchet 1/2" Dr.	ASME B107.10M	
	J5461	Extension 1/2" Dr. 5"	ASME B107.10M	AS 4283
	J5463	Extension 1/2" Dr. 10"	ASME B107.10M	AS 4283
	J5467	Hinge Handle 1/2" Dr. 15-3/4"	ASME B107.10M	AS 4283
	J5499	Tool Box		





## SET NO. J54212 - 1/2" DRIVE 29 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 17.5 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54212</b>	J5410M	Socket 1/2" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5411M	Socket 1/2" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5412M	Socket 1/2" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5413M	Socket 1/2" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5414M	Socket 1/2" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5415M	Socket 1/2" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5416M	Socket 1/2" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5417M	Socket 1/2" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5418M	Socket 1/2" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5419M	Socket 1/2" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5420M	Socket 1/2" Dr. 20 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5421M	Socket 1/2" Dr. 21 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5422M	Socket 1/2" Dr. 22 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5423M	Socket 1/2" Dr. 23 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5424M	Socket 1/2" Dr. 24 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5425M	Socket 1/2" Dr. 25 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5426M	Socket 1/2" Dr. 26 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5427M	Socket 1/2" Dr. 27 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5428M	Socket 1/2" Dr. 28 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5429M	Socket 1/2" Dr. 29 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5430M	Socket 1/2" Dr. 30 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5432M	Socket 1/2" Dr. 32 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5436M	Socket 1/2" Dr. 36 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5449	Ratchet 1/2" Dr.	ASME B107.10M	
	J5460	Extension 1/2" Dr. 2-1/2"	ASME B107.10M	AS 4283
	J5461	Extension 1/2" Dr. 5"	ASME B107.10M	AS 4283
	J5463	Extension 1/2" Dr. 10"	ASME B107.10M	AS 4283
	J5467	Hinge Handle 1/2" Dr. 15-3/4"	ASME B107.10M	AS 4283
	J5470A	Socket 1/2" Drive Universal Joint	ASME B107.10M	
	J5499	Tool Box		

# Sockets, Drive Tools, Accessories



## SET NO. J54210 - 1/2" DRIVE 22 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 15.21 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54210</b>	J5410M	Socket 1/2" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5411M	Socket 1/2" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5412M	Socket 1/2" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5413M	Socket 1/2" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5414M	Socket 1/2" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5415M	Socket 1/2" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5416M	Socket 1/2" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5417M	Socket 1/2" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5418M	Socket 1/2" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5419M	Socket 1/2" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5420M	Socket 1/2" Dr. 20 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5421M	Socket 1/2" Dr. 21 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5422M	Socket 1/2" Dr. 22 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5423M	Socket 1/2" Dr. 23 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5424M	Socket 1/2" Dr. 24 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5425M	Socket 1/2" Dr. 25 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5426M	Socket 1/2" Dr. 26 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5449	Ratchet 1/2" Dr.	ASME B107.10M	
	J5461	Extension 1/2" Dr. 5"	ASME B107.10M	AS 4283
	J5463	Extension 1/2" Dr. 10"	ASME B107.10M	AS 4283
	J5468	Handle, Hinge 1/2" Dr.	ASME B107.10M	AS 4283
	J5470A	Universal Joint 1/2" Dr.	ASME B107.10M	
	J5496	Tool Box		



## SET NO. J54208 - 1/2" DRIVE 16 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 7.32 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54208</b>	J5410M	Socket 1/2" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5411M	Socket 1/2" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5412M	Socket 1/2" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5413M	Socket 1/2" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5414M	Socket 1/2" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5415M	Socket 1/2" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5416M	Socket 1/2" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5417M	Socket 1/2" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5418M	Socket 1/2" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5419M	Socket 1/2" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5420M	Socket 1/2" Dr. 20 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5421M	Socket 1/2" Dr. 21 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5422M	Socket 1/2" Dr. 22 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5423M	Socket 1/2" Dr. 23 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5449	Ratchet 1/2" Dr.	ASME B107.10M	
	J5461	Extension 1/2" Dr. 5"	ASME B107.10M	AS 4283
	J5298	Tool Box		

# Sockets, Drive Tools, Accessories



## SET NO. J54109 - 1/2" DRIVE 19 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 7.58 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J54109</b>	J5412H	Socket 1/2" Dr. 3/8" 6 Pt.	ASME B107.1
	J5414H	Socket 1/2" Dr. 7/16" 6 Pt.	ASME B107.1
	J5416H	Socket 1/2" Dr. 1/2" 6 Pt.	ASME B107.1
	J5418H	Socket 1/2" Dr. 9/16" 6 Pt.	ASME B107.1
	J5420H	Socket 1/2" Dr. 5/8" 6 Pt.	ASME B107.1
	J5422H	Socket 1/2" Dr. 11/16" 6 Pt.	ASME B107.1
	J5424H	Socket 1/2" Dr. 3/4" 6 Pt.	ASME B107.1
	J5426H	Socket 1/2" Dr. 13/16" 6 Pt.	ASME B107.1
	J5428H	Socket 1/2" Dr. 7/8" 6 Pt.	ASME B107.1
	J5430H	Socket 1/2" Dr. 15/16" 6 Pt.	ASME B107.1
	J5432H	Socket 1/2" Dr. 1" 6 Pt.	ASME B107.1
	J5434H	Socket 1/2" Dr. 1-1/16" 6 Pt.	ASME B107.1
	J5436H	Socket 1/2" Dr. 1-1/8" 6 Pt.	ASME B107.1
	J5438H	Socket 1/2" Dr. 1-3/16" 6 Pt.	ASME B107.1
	J5440H	Socket 1/2" Dr. 1-1/4" 6 Pt.	ASME B107.1
	J5442H	Socket 1/2" Dr. 1-5/16" 6 Pt.	ASME B107.1
	J5444H	Socket 1/2" Dr. 1-3/8" 6 Pt.	ASME B107.1
	J5446H	Socket 1/2" Dr. 1-7/16" 6 Pt.	ASME B107.1
	J5448H	Socket 1/2" Dr. 1-1/2" 6 Pt.	ASME B107.1
	J2587	Socket Bar 17"	
	J2592	Socket Clips 1/2" Dr.	





## SET NO. J54110 - 1/2" DRIVE 15 PC. SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 4.45 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J54110</b>	J5412H	Socket 1/2" Dr. 3/8" 6 Pt.	ASME B107.1
	J5414H	Socket 1/2" Dr. 7/16" 6 Pt.	ASME B107.1
	J5416H	Socket 1/2" Dr. 1/2" 6 Pt.	ASME B107.1
	J5418H	Socket 1/2" Dr. 9/16" 6 Pt.	ASME B107.1
	J5420H	Socket 1/2" Dr. 5/8" 6 Pt.	ASME B107.1
	J5422H	Socket 1/2" Dr. 11/16" 6 Pt.	ASME B107.1
	J5424H	Socket 1/2" Dr. 3/4" 6 Pt.	ASME B107.1
	J5426H	Socket 1/2" Dr. 13/16" 6 Pt.	ASME B107.1
	J5428H	Socket 1/2" Dr. 7/8" 6 Pt.	ASME B107.1
	J5430H	Socket 1/2" Dr. 15/16" 6 Pt.	ASME B107.1
	J5432H	Socket 1/2" Dr. 1" 6 Pt.	ASME B107.1
	J5434H	Socket 1/2" Dr. 1-1/16" 6 Pt.	ASME B107.1
	J5436H	Socket 1/2" Dr. 1-1/8" 6 Pt.	ASME B107.1
	J5438H	Socket 1/2" Dr. 1-3/16" 6 Pt.	ASME B107.1
	J5440H	Socket 1/2" Dr. 1-1/4" 6 Pt.	ASME B107.1
J2587	Socket Bar 17"		
J2592	Socket Clips 1/2" Dr.		



# Sockets, Drive Tools, Accessories



## SET NO. J54113 - 1/2" DRIVE 19 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 7.25 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54113</b>	J5412	Socket 1/2" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5414	Socket 1/2" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5416	Socket 1/2" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5418	Socket 1/2" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5420	Socket 1/2" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5422	Socket 1/2" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5424	Socket 1/2" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5426	Socket 1/2" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5428	Socket 1/2" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5430	Socket 1/2" Dr. 15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5432	Socket 1/2" Dr. 1" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5434	Socket 1/2" Dr. 1-1/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5436	Socket 1/2" Dr. 1-1/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5438	Socket 1/2" Dr. 1-3/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5440	Socket 1/2" Dr. 1-1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5442	Socket 1/2" Dr. 1-5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5444	Socket 1/2" Dr. 1-3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5446	Socket 1/2" Dr. 1-7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5448	Socket 1/2" Dr. 1-1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
J2587	Socket Bar 17"			
J2592	Socket Clips 1/2" Dr.			



## SET NO. J54114 - 1/2" DRIVE 15 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 4.26 lbs.



Product ID No.	Contents	Description	ASME	AS Spec.
<b>J54114</b>	J5412	Socket 1/2" Dr. 3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5414	Socket 1/2" Dr. 7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5416	Socket 1/2" Dr. 1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5418	Socket 1/2" Dr. 9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5420	Socket 1/2" Dr. 5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5422	Socket 1/2" Dr. 11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5424	Socket 1/2" Dr. 3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5426	Socket 1/2" Dr. 13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5428	Socket 1/2" Dr. 7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5430	Socket 1/2" Dr. 15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5432	Socket 1/2" Dr. 1" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5434	Socket 1/2" Dr. 1-1/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5436	Socket 1/2" Dr. 1-1/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5438	Socket 1/2" Dr. 1-3/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5440	Socket 1/2" Dr. 1-1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
J2587	Socket Bar 17"			
J2592	Socket Clips 1/2" Dr.			

# Sockets, Drive Tools, Accessories



## SET NO. J54302 - 1/2" DRIVE 15 PC. PROTOBLACK™ SOCKET SET - 12 POINT

- Black oxide finish for hand use only.
- Proto® 12 Point Sockets 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 socket 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 socket, 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: 4.47 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54302</b>	J5412B	Socket 1/2" Dr. 3/8" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5414B	Socket 1/2" Dr. 7/16" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5416B	Socket 1/2" Dr. 1/2" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5418B	Socket 1/2" Dr. 9/16" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5420B	Socket 1/2" Dr. 5/8" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5422B	Socket 1/2" Dr. 11/16" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5424B	Socket 1/2" Dr. 3/4" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5426B	Socket 1/2" Dr. 13/16" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5428B	Socket 1/2" Dr. 7/8" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5430B	Socket 1/2" Dr. 15/16" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5432B	Socket 1/2" Dr. 1" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5434B	Socket 1/2" Dr. 1-1/16" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5436B	Socket 1/2" Dr. 1-1/8" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5438B	Socket 1/2" Dr. 1-3/16" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J5440B	Socket 1/2" Dr. 1-1/4" 12 Pt. Black	ASME B107.1	AS954E S3.8.1
	J2587	Socket Bar 17"		
	J2592	Socket Clips 1/2" Dr.		



## SET NO. J54209 - 1/2" DRIVE 23 PC. METRIC SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 6.97 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J54209</b>	J5410MH	Socket 1/2" Dr. 10 mm 6 Pt.	ASME B107.5M
	J5411MH	Socket 1/2" Dr. 11 mm 6 Pt.	ASME B107.5M
	J5412MH	Socket 1/2" Dr. 12 mm 6 Pt.	ASME B107.5M
	J5413MH	Socket 1/2" Dr. 13 mm 6 Pt.	ASME B107.5M
	J5414MH	Socket 1/2" Dr. 14 mm 6 Pt.	ASME B107.5M
	J5415MH	Socket 1/2" Dr. 15 mm 6 Pt.	ASME B107.5M
	J5416MH	Socket 1/2" Dr. 16 mm 6 Pt.	ASME B107.5M
	J5417MH	Socket 1/2" Dr. 17 mm 6 Pt.	ASME B107.5M
	J5418MH	Socket 1/2" Dr. 18 mm 6 Pt.	ASME B107.5M
	J5419MH	Socket 1/2" Dr. 19 mm 6 Pt.	ASME B107.5M
	J5420MH	Socket 1/2" Dr. 20 mm 6 Pt.	ASME B107.5M
	J5421MH	Socket 1/2" Dr. 21 mm 6 Pt.	ASME B107.5M
	J5422MH	Socket 1/2" Dr. 22 mm 6 Pt.	ASME B107.5M
	J5423MH	Socket 1/2" Dr. 23 mm 6 Pt.	ASME B107.5M
	J5424MH	Socket 1/2" Dr. 24 mm 6 Pt.	ASME B107.5M
	J5425MH	Socket 1/2" Dr. 25 mm 6 Pt.	ASME B107.5M
	J5426MH	Socket 1/2" Dr. 26 mm 6 Pt.	ASME B107.5M
	J5427MH	Socket 1/2" Dr. 27 mm 6 Pt.	ASME B107.5M
	J5428MH	Socket 1/2" Dr. 28 mm 6 Pt.	ASME B107.5M
	J5429MH	Socket 1/2" Dr. 29 mm 6 Pt.	ASME B107.5M
	J5430MH	Socket 1/2" Dr. 30 mm 6 Pt.	ASME B107.5M
	J5431MH	Socket 1/2" Dr. 31 mm 6 Pt.	ASME B107.5M
	J5432MH	Socket 1/2" Dr. 32 mm 6 Pt.	ASME B107.5M
J2586		Socket Bar 13"	
J2587		Socket Bar 17"	
J2592		Socket Clips 1/2" Dr.	

# Sockets, Drive Tools, Accessories



## SET NO. J54205 - 1/2" DRIVE 15 PC. METRIC SOCKET SET - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 3.3 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J54205</b>	J5410MH	Socket 1/2" Dr. 10 mm 6 Pt.	ASME B107.5M
	J5411MH	Socket 1/2" Dr. 11 mm 6 Pt.	ASME B107.5M
	J5412MH	Socket 1/2" Dr. 12 mm 6 Pt.	ASME B107.5M
	J5413MH	Socket 1/2" Dr. 13 mm 6 Pt.	ASME B107.5M
	J5414MH	Socket 1/2" Dr. 14 mm 6 Pt.	ASME B107.5M
	J5415MH	Socket 1/2" Dr. 15 mm 6 Pt.	ASME B107.5M
	J5416MH	Socket 1/2" Dr. 16 mm 6 Pt.	ASME B107.5M
	J5417MH	Socket 1/2" Dr. 17 mm 6 Pt.	ASME B107.5M
	J5418MH	Socket 1/2" Dr. 18 mm 6 Pt.	ASME B107.5M
	J5419MH	Socket 1/2" Dr. 19 mm 6 Pt.	ASME B107.5M
	J5420MH	Socket 1/2" Dr. 20 mm 6 Pt.	ASME B107.5M
	J5421MH	Socket 1/2" Dr. 21 mm 6 Pt.	ASME B107.5M
	J5422MH	Socket 1/2" Dr. 22 mm 6 Pt.	ASME B107.5M
	J5423MH	Socket 1/2" Dr. 23 mm 6 Pt.	ASME B107.5M
	J5424MH	Socket 1/2" Dr. 24 mm 6 Pt.	ASME B107.5M
	J2587	Socket Bar 17"	
	J2592	Socket Clips 1/2" Dr.	





## SET NO. J54211 1/2" DRIVE 24 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 7.69 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54211</b>	J5410M	Socket 1/2" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5411M	Socket 1/2" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5412M	Socket 1/2" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5413M	Socket 1/2" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5414M	Socket 1/2" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5415M	Socket 1/2" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5416M	Socket 1/2" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5417M	Socket 1/2" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5418M	Socket 1/2" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5419M	Socket 1/2" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5420M	Socket 1/2" Dr. 20 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5421M	Socket 1/2" Dr. 21 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5422M	Socket 1/2" Dr. 22 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5423M	Socket 1/2" Dr. 23 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5424M	Socket 1/2" Dr. 24 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5425M	Socket 1/2" Dr. 25 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5426M	Socket 1/2" Dr. 26 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5427M	Socket 1/2" Dr. 27 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5428M	Socket 1/2" Dr. 28 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5429M	Socket 1/2" Dr. 29 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5430M	Socket 1/2" Dr. 30 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5431M	Socket 1/2" Dr. 31mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5432M	Socket 1/2" Dr. 32 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5436M	Socket 1/2" Dr. 36 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J2586	Socket Bar 13"		
	J2587	Socket Bar 17"		
	J2592	Socket Clips 1/2" Dr.		

# Sockets, Drive Tools, Accessories



## SET NO. J54206 - 1/2" DRIVE 15 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 3.08 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54206</b>	J5410M	Socket 1/2" Dr. 10 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5411M	Socket 1/2" Dr. 11 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5412M	Socket 1/2" Dr. 12 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5413M	Socket 1/2" Dr. 13 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5414M	Socket 1/2" Dr. 14 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5415M	Socket 1/2" Dr. 15 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5416M	Socket 1/2" Dr. 16 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5417M	Socket 1/2" Dr. 17 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5418M	Socket 1/2" Dr. 18 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5419M	Socket 1/2" Dr. 19 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5420M	Socket 1/2" Dr. 20 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5421M	Socket 1/2" Dr. 21 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5422M	Socket 1/2" Dr. 22 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5423M	Socket 1/2" Dr. 23 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J5424M	Socket 1/2" Dr. 24 mm 12 Pt.	ASME B107.5M	AS954E S3.8.1
	J2587	Socket Bar 17"		
	J2592	Socket Clips 1/2" Dr.		



## SET NO. J54101 - 1/2" DRIVE 19 PC. DEEP SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 14.18 lbs.



Product			ASME
ID No.	Contents	Description	Spec.
<b>J54101</b>	J5312H	Socket 1/2" Dr. 3/8" 6 Pt. Deep	ASME B107.1
	J5314H	Socket 1/2" Dr. 7/16" 6 Pt. Deep	ASME B107.1
	J5316H	Socket 1/2" Dr. 1/2" 6 Pt. Deep	ASME B107.1
	J5318H	Socket 1/2" Dr. 9/16" 6 Pt. Deep	ASME B107.1
	J5320H	Socket 1/2" Dr. 5/8" 6 Pt. Deep	ASME B107.1
	J5322H	Socket 1/2" Dr. 11/16" 6 Pt. Deep	ASME B107.1
	J5324H	Socket 1/2" Dr. 3/4" 6 Pt. Deep	ASME B107.1
	J5326H	Socket 1/2" Dr. 13/16" 6 Pt. Deep	ASME B107.1
	J5328H	Socket 1/2" Dr. 7/8" 6 Pt. Deep	ASME B107.1
	J5330H	Socket 1/2" Dr. 15/16" 6 Pt. Deep	ASME B107.1
	J5332H	Socket 1/2" Dr. 1" 6 Pt. Deep	ASME B107.1
	J5334H	Socket 1/2" Dr. 1-1/16" 6 Pt. Deep	ASME B107.1
	J5336H	Socket 1/2" Dr. 1-1/8" 6 Pt. Deep	ASME B107.1
	J5338H	Socket 1/2" Dr. 1-3/16" 6 Pt. Deep	ASME B107.1
	J5340H	Socket 1/2" Dr. 1-1/4" 6 Pt. Deep	ASME B107.1
	J5342H	Socket 1/2" Dr. 1-5/16" 6 Pt. Deep	ASME B107.1
	J5344H	Socket 1/2" Dr. 1-3/8" 6 Pt. Deep	ASME B107.1
	J5346H	Socket 1/2" Dr. 1-7/16" 6 Pt. Deep	ASME B107.1
	J5348H	Socket 1/2" Dr. 1-1/2" 6 Pt. Deep	ASME B107.1
	J2587	Socket Bar 17"	
	J2592	Socket Clips 1/2" Dr.	

# Sockets, Drive Tools, Accessories



## SET NO. J54103 - 1/2" DRIVE 15 PC. DEEP SOCKET SET - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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: 8.18 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J54103</b>	J5312H	Socket 1/2" Dr. 3/8" 6 Pt. Deep	ASME B107.1
	J5314H	Socket 1/2" Dr. 7/16" 6 Pt. Deep	ASME B107.1
	J5316H	Socket 1/2" Dr. 1/2" 6 Pt. Deep	ASME B107.1
	J5318H	Socket 1/2" Dr. 9/16" 6 Pt. Deep	ASME B107.1
	J5320H	Socket 1/2" Dr. 5/8" 6 Pt. Deep	ASME B107.1
	J5322H	Socket 1/2" Dr. 11/16" 6 Pt. Deep	ASME B107.1
	J5324H	Socket 1/2" Dr. 3/4" 6 Pt. Deep	ASME B107.1
	J5326H	Socket 1/2" Dr. 13/16" 6 Pt. Deep	ASME B107.1
	J5328H	Socket 1/2" Dr. 7/8" 6 Pt. Deep	ASME B107.1
	J5330H	Socket 1/2" Dr. 15/16" 6 Pt. Deep	ASME B107.1
	J5332H	Socket 1/2" Dr. 1" 6 Pt. Deep	ASME B107.1
	J5334H	Socket 1/2" Dr. 1-1/16" 6 Pt. Deep	ASME B107.1
	J5336H	Socket 1/2" Dr. 1-1/8" 6 Pt. Deep	ASME B107.1
	J5338H	Socket 1/2" Dr. 1-3/16" 6 Pt. Deep	ASME B107.1
	J5340H	Socket 1/2" Dr. 1-1/4" 6 Pt. Deep	ASME B107.1
	J2587	Socket Bar 17"	
	J2592	Socket Clips 1/2" Dr.	



## SET NO. J54105 - 1/2" DRIVE 19 PC. DEEP SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 14 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54105</b>	J5312	Socket 1/2" Dr. 3/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5314	Socket 1/2" Dr. 7/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5316	Socket 1/2" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5318	Socket 1/2" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5320	Socket 1/2" Dr. 5/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5322	Socket 1/2" Dr. 11/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5324	Socket 1/2" Dr. 3/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5326	Socket 1/2" Dr. 13/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5328	Socket 1/2" Dr. 7/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5330	Socket 1/2" Dr. 15/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5332	Socket 1/2" Dr. 1" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5334	Socket 1/2" Dr. 1-1/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5336	Socket 1/2" Dr. 1-1/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5338	Socket 1/2" Dr. 1-3/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5340	Socket 1/2" Dr. 1-1/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5342	Socket 1/2" Dr. 1-5/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5344	Socket 1/2" Dr. 1-3/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5346	Socket 1/2" Dr. 1-7/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5348	Socket 1/2" Dr. 1-1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
J2587	Socket Bar 17"			
J2592	Socket Clips 1/2" Dr.			



# Sockets, Drive Tools, Accessories



## SET NO. J54107 - 1/2" DRIVE 15 PC. DEEP SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 7.95 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54107</b>	J5312	Socket 1/2" Dr. 3/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5314	Socket 1/2" Dr. 7/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5316	Socket 1/2" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5318	Socket 1/2" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5320	Socket 1/2" Dr. 5/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5322	Socket 1/2" Dr. 11/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5324	Socket 1/2" Dr. 3/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5326	Socket 1/2" Dr. 13/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5328	Socket 1/2" Dr. 7/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5330	Socket 1/2" Dr. 15/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5332	Socket 1/2" Dr. 1" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5334	Socket 1/2" Dr. 1-1/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5336	Socket 1/2" Dr. 1-1/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5338	Socket 1/2" Dr. 1-3/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5340	Socket 1/2" Dr. 1-1/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J2587	Socket Bar 17"		
	J2592	Socket Clips 1/2" Dr.		



## SET NO. J54104 - 1/2" DRIVE 11 PC. DEEP SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 5.68 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
J54104	J5316	Socket 1/2" Dr. 1/2" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5318	Socket 1/2" Dr. 9/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5320	Socket 1/2" Dr. 5/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5322	Socket 1/2" Dr. 11/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5324	Socket 1/2" Dr. 3/4" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5326	Socket 1/2" Dr. 13/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5328	Socket 1/2" Dr. 7/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5330	Socket 1/2" Dr. 15/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5332	Socket 1/2" Dr. 1" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5334	Socket 1/2" Dr. 1-1/16" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J5336	Socket 1/2" Dr. 1-1/8" 12 Pt. Deep	ASME B107.1	AS954E S3.8.1
	J2587	Socket Bar 17"		
	J2592	Socket Clips 1/2" Dr.		

# Sockets, Drive Tools, Accessories



## SET NO. J54300 - 1/2" DRIVE 11 PC. PROTOBLACK™ DEEP SOCKET SET - 12 POINT

- Black oxide finish for hand use only.
- Proto® 12 Point Sockets 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 socket 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 socket, 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: 5.63 lbs.



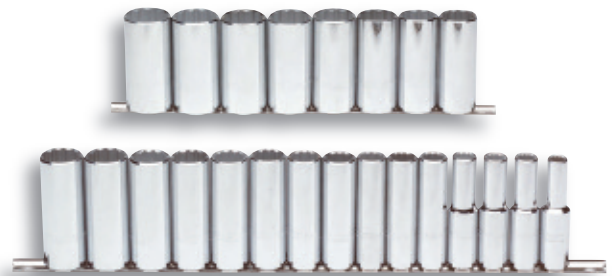
Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54300</b>	J5316B	Socket 1/2" Dr. 1/2" 12 Pt. Deep Black	ASME B107.1	AS954E S3.8.1
	J5318B	Socket 1/2" Dr. 9/16" 12 Pt. Deep Black	ASME B107.1	AS954E S3.8.1
	J5320B	Socket 1/2" Dr. 5/8" 12 Pt. Deep Black	ASME B107.1	AS954E S3.8.1
	J5322B	Socket 1/2" Dr. 11/16" 12 Pt. Deep Black	ASME B107.1	AS954E S3.8.1
	J5324B	Socket 1/2" Dr. 3/4" 12 Pt. Deep Black	ASME B107.1	AS954E S3.8.1
	J5326B	Socket 1/2" Dr. 13/16" 12 Pt. Deep Black	ASME B107.1	AS954E S3.8.1
	J5328B	Socket 1/2" Dr. 7/8" 12 Pt. Deep Black	ASME B107.1	AS954E S3.8.1
	J5330B	Socket 1/2" Dr. 15/16" 12 Pt. Deep Black	ASME B107.1	AS954E S3.8.1
	J5332B	Socket 1/2" Dr. 1" 12 Pt. Deep Black	ASME B107.1	AS954E S3.8.1
	J5334B	Socket 1/2" Dr. 1-1/16" 12 Pt. Deep Black	ASME B107.1	AS954E S3.8.1
	J5336B	Socket 1/2" Dr. 1-1/8" 12 Pt. Deep Black	ASME B107.1	AS954E S3.8.1
J2587	Socket Bar 17"			
J2592	Socket Clips 1/2" Dr.			



## SET NO. J54201 - 1/2" DRIVE 23 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 8.95 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54201</b>	J5310M	Socket 1/2" Dr. 10 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5311M	Socket 1/2" Dr. 11 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5312M	Socket 1/2" Dr. 12 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5313M	Socket 1/2" Dr. 13 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5314M	Socket 1/2" Dr. 14 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5315M	Socket 1/2" Dr. 15 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5316M	Socket 1/2" Dr. 16 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5317M	Socket 1/2" Dr. 17 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5318M	Socket 1/2" Dr. 18 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5319M	Socket 1/2" Dr. 19 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5320M	Socket 1/2" Dr. 20 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5321M	Socket 1/2" Dr. 21 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5322M	Socket 1/2" Dr. 22 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5323M	Socket 1/2" Dr. 23 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5324M	Socket 1/2" Dr. 24 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5325M	Socket 1/2" Dr. 25 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5326M	Socket 1/2" Dr. 26 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5327M	Socket 1/2" Dr. 27 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5328M	Socket 1/2" Dr. 28 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5329M	Socket 1/2" Dr. 29 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5330M	Socket 1/2" Dr. 30 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5331M	Socket 1/2" Dr. 31 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5332M	Socket 1/2" Dr. 32 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J2586	Socket Bar 13"		
	J2587	Socket Bar 17"		
	J2592	Socket Clips 1/2" Dr.		

# Sockets, Drive Tools, Accessories



## SET NO. J54207 - 1/2" DRIVE 15 PC. METRIC DEEP SOCKET SET - 12 POINT

**M**ETRIC


- Proto® 12 Point Sockets 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 socket 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 socket, 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: 6.04 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J54207</b>	J5310M	Socket 1/2" Dr. 10 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5311M	Socket 1/2" Dr. 11 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5312M	Socket 1/2" Dr. 12 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5313M	Socket 1/2" Dr. 13 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5314M	Socket 1/2" Dr. 14 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5315M	Socket 1/2" Dr. 15 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5316M	Socket 1/2" Dr. 16 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5317M	Socket 1/2" Dr. 17 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5318M	Socket 1/2" Dr. 18 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5319M	Socket 1/2" Dr. 19 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5320M	Socket 1/2" Dr. 20 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5321M	Socket 1/2" Dr. 21 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5322M	Socket 1/2" Dr. 22 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5323M	Socket 1/2" Dr. 23 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J5324M	Socket 1/2" Dr. 24 mm 12 Pt. Deep	ASME B107.5M	AS954E S3.8.1
	J2587	Socket Bar 17"		
	J2592	Socket Clips 1/2" Dr.		

## SET NO. J5441-6XL - 1/2" DRIVE 6 PC. EXTRA LONG HEX BIT SET

- Weight: 3.59 lbs.


Product ID No.	Contents	 in.
<b>J5441-6XL</b>	J5441 1/4XL	1/4"
	J5441 5/16XL	5/16"
	J5441 3/8XL	3/8"
	J5441 1/2XL	1/2"
	J5441 9/16XL	9/16"
	J5441 5/8XL	5/8"
	J2592	Socket Clips





## SET NO. J5441-7 - 1/2" DRIVE 7 PC. HEX BIT SET

•Weight: 2.93 lbs.


Product ID No.	Contents	 in.
<b>J5441-7</b>	J5441 1/4	1/4"
	J5441 5/16	5/16"
	J5441 3/8	3/8"
	J5441 7/16	7/16"
	J5441 1/2	1/2"
	J5441 9/16	9/16"
	J5441 5/8	5/8"
J2592	Socket Clips	



## SET NO. J5441-SM - 1/2" DRIVE 6 PC. METRIC HEX BIT SET

**M**ETRIC

•Weight: 2.55 lbs.

Product ID No.	Contents	 mm
<b>J5441-SM</b>	J5441-6M	6
	J5441-8M	8
	J5441-10M	10
	J5441-12M	12
	J5441-14M	14
	J5441-17M	17
	J2585	Socket Bar 9"
J2592	Socket Clips 1/2" Dr.	



## SET NO. J5441-MA - 1/2" DRIVE 10 PC. METRIC HEX BIT SET

**M**ETRIC

•Weight: 5.40 lbs.

Product ID No.	Contents	Hex Size MM
<b>J5441-MA</b>	J5441-6M	6
	J5441-8M	8
	J5441-10M	10
	J5441-12M	12
	J5441-13M	13
	J5441-14M	14
	J5441-15M	15
	J5441-17M	17
	J5441-18M	18
	J5441-19M	19
J2586	Socket Bar 13"	
J2592	Socket Clips 1/2" Dr.	



# Sockets, Drive Tools, Accessories



## 1/2" DRIVE STANDARD LENGTH SOCKETS - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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.



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.
J5408H	1/4"	1/4"	55/64"	23/64"	23/64"	1-31/64"	0.11 lbs.	ASME B107.1
J5410H	5/16"	17/32"	55/64"	23/64"	25/32"	1-31/64"	0.11 lbs.	ASME B107.1
J5412H	3/8"	9/16"	55/64"	23/64"	7/8"	1-31/64"	0.11 lbs.	ASME B107.1
J5414H	7/16"	43/64"	55/64"	23/64"	7/8"	1-31/64"	0.11 lbs.	ASME B107.1
J5416H	1/2"	47/64"	55/64"	23/64"	7/8"	1-31/64"	0.11 lbs.	ASME B107.1
J5418H	9/16"	13/16"	55/64"	23/64"	53/64"	1-1/2"	0.13 lbs.	ASME B107.1
J5419H	19/32"	7/8"	7/8"	33/64"	25/32"	1-1/2"	0.14 lbs.	ASME B107.1
J5420H	5/8"	7/8"	7/8"	9/16"	21/32"	1-1/2"	0.14 lbs.	ASME B107.1
J5421H	21/32"	29/32"	29/32"	37/64"	25/32"	1-1/2"	0.15 lbs.	ASME B107.1
J5422H	11/16"	61/64"	61/64"	9/16"	21/32"	1-1/2"	0.15 lbs.	ASME B107.1
J5424H	3/4"	1-1/32"	1-1/32"	11/16"	21/32"	1-1/2"	0.15 lbs.	ASME B107.1
J5425H	25/32"	1-1/16"	1-1/16"	11/16"	25/32"	1-1/2"	0.19 lbs.	ASME B107.1
J5426H	13/16"	1-3/32"	1-3/32"	11/16"	21/32"	1-1/2"	0.18 lbs.	ASME B107.1
J5428H	7/8"	1-11/64"	1-11/64"	11/16"	45/64"	1-9/16"	0.26 lbs.	ASME B107.1
J5430H	15/16"	1-1/4"	1-1/4"	13/16"	45/64"	1-9/16"	0.33 lbs.	ASME B107.1
J5431H	31/32"	1-9/32"	1-9/32"	13/16"	27/32"	1-9/16"	0.31 lbs.	ASME B107.1
J5432H	1"	1-21/64"	1-21/64"	53/64"	45/64"	1-9/16"	0.38 lbs.	ASME B107.1
J5434H	1-1/16"	1-13/32"	1-13/32"	13/16"	25/32"	1-41/64"	0.42 lbs.	ASME B107.1
J5436H	1-1/8"	1-31/64"	1-31/64"	59/64"	25/32"	1-3/4"	0.47 lbs.	ASME B107.1
J5438H	1-3/16"	1-9/16"	1-9/16"	59/64"	25/32"	1-3/4"	0.59 lbs.	ASME B107.1
J5440H	1-1/4"	1-39/64"	1-39/64"	1"	57/64"	1-55/64"	0.66 lbs.	ASME B107.1
J5442H	15/16"	1-21/32"	1-21/32"	27/32"	49/64"	1-3/4"	0.69 lbs.	ASME B107.1
J5444H	1-3/8"	1-25/32"	1-21/32"	27/32"	1-11/64"	2-1/8"	0.79 lbs.	ASME B107.1
J5446H	1-7/16"	1-59/64"	1-21/32"	27/32"	1-11/64"	2-1/8"	0.98 lbs.	ASME B107.1
J5448H	1-1/2"	1-63/64"	1-21/32"	27/32"	1-11/64"	2-1/4"	0.96 lbs.	ASME B107.1
J5450H	1-9/16"	2-1/32"	1-5/8"	1"	11-19/32"	2-1/4"	1.12 lbs.	ASME B107.1



## 1/2" DRIVE METRIC STANDARD LENGTH SOCKETS - 6 POINT

**M**ETRIC

- Proto® 6 Point Sockets 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 socket 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 socket, 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.



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.
J5408MH	8	13.8	21.9	9.0	18.5	37.8	0.11 lbs.	ASME B107.5M
J5409MH	9	15.0	21.9	9.0	18.5	37.8	0.12 lbs.	ASME B107.5M
J5410MH	10	15.4	21.9	9.0	19.9	37.8	0.09 lbs.	ASME B107.5M
J5411MH	11	18.0	21.9	9.0	19.9	37.8	0.10 lbs.	ASME B107.5M
J5412MH	12	18.5	21.9	9.0	19.9	37.8	0.10 lbs.	ASME B107.5M
J5413MH	13	19.2	21.9	9.0	19.9	37.8	0.12 lbs.	ASME B107.5M
J5414MH	14	20.5	21.9	9.0	19.9	37.8	0.13 lbs.	ASME B107.5M
J5415MH	15	21.8	21.8	14.5	19.9	38.1	0.13 lbs.	ASME B107.5M
J5416MH	16	22.0	22.0	14.5	19.9	38.1	0.14 lbs.	ASME B107.5M
J5417MH	17	24.3	24.3	14.5	19.9	38.1	0.17 lbs.	ASME B107.5M
J5418MH	18	24.3	24.3	14.5	19.9	38.1	0.17 lbs.	ASME B107.5M
J5419MH	19	26.1	26.1	17.5	19.9	38.1	0.19 lbs.	ASME B107.5M
J5420MH	20	27.6	27.6	17.5	22.0	38.1	0.22 lbs.	ASME B107.5M
J5421MH	21	27.6	27.6	17.5	22.0	38.1	0.24 lbs.	ASME B107.5M
J5422MH	22	30.1	30.1	18.0	23.0	39.0	0.26 lbs.	ASME B107.5M
J5423MH	23	30.6	30.6	20.5	23.0	39.0	0.27 lbs.	ASME B107.5M
J5424MH	24	31.7	31.7	21.5	23.0	39.0	0.28 lbs.	ASME B107.5M
J5425MH	25	33.3	33.3	21.5	23.0	39.0	0.30 lbs.	ASME B107.5M
J5426MH	26	34.0	34.0	22.5	23.0	41.0	0.33 lbs.	ASME B107.5M
J5427MH	27	35.4	35.4	21.8	26.5	42.5	0.39 lbs.	ASME B107.5M
J5428MH	28	32.7	37.1	24.4	29.2	45.2	0.48 lbs.	ASME B107.5M
J5429MH	29	37.7	37.6	24.2	29.2	45.2	0.48 lbs.	ASME B107.5M
J5430MH	30	39.7	38.9	24.1	29.2	45.2	0.53 lbs.	ASME B107.5M
J5431MH	31	41.1	41.1	24.1	29.2	45.2	0.53 lbs.	ASME B107.5M
J5432MH	32	41.1	41.1	25.4	29.2	47.0	0.57 lbs.	ASME B107.5M
J5434MH	34	44.9	42.1	22.2	29.2	57.3	0.86 lbs.	ASME B107.5M
J5436MH	36	49.0	42.1	25.4	29.2	57.3	0.86 lbs.	ASME B107.5M


# Sockets, Drive Tools, Accessories

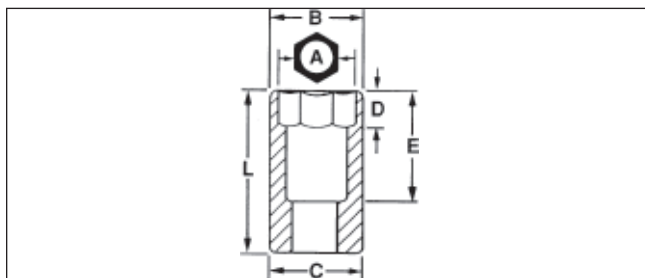


## 1/2" DRIVE STANDARD LENGTH SOCKETS - 8 POINT

- For square nuts



Product ID No.	 in.	B	C	D	E	L	Weight lbs.	ASME Spec.
J5412S	3/8"	45/64"	55/64"	1/4"	1-1/64"	1-7/16"	0.11 lbs.	ASME B107.1
J5414S	7/16"	51/64"	51/64"	5/16"	1-1/8"	1-7/16"	0.11 lbs.	ASME B107.1
J5416S	1/2"	59/64"	59/64"	11/32"	1-3/32"	1-7/16"	0.11 lbs.	ASME B107.1
J5418S	9/16"	1"	1"	3/8"	1-1/64"	1-1/2"	0.13 lbs.	ASME B107.1
J5420S	5/8"	1-5/64"	1-5/64"	37/64"	1-3/32"	1-1/2"	0.14 lbs.	ASME B107.1
J5422S	11/16"	1-11/64"	1-11/64"	13/32"	1-1/64"	1-1/2"	0.15 lbs.	ASME B107.1
J5424S	3/4"	1-15/64"	1-15/64"	29/64"	1-1/16"	1-1/2"	0.18 lbs.	ASME B107.1
J5426S	13/16"	1-23/64"	1-23/64"	27/32"	1-5/32"	1-5/8"	0.23 lbs.	ASME B107.1
J5428S	7/8"	1-1/2"	1-1/2"	27/32"	1-1/8"	1-5/8"	0.51 lbs.	ASME B107.1
J5432S	1"	1-11/16"	1-11/16"	3/4"	11/16"	1-3/4"	0.80 lbs.	ASME B107.1



## 1/2" DRIVE STANDARD LENGTH SOCKETS - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5408T	1/4"	12	23/32"	23/64"	23/32"	1-31/64"	0.11 lbs.	ASME B107.1	AS954E S3.8.1
J5410	5/16"	12	55/64"	23/64"	23/32"	1-31/64"	0.11 lbs.	ASME B107.1	AS954E S3.8.1
J5412	3/8"	12	55/64"	23/64"	7/8"	1-31/64"	0.11 lbs.	ASME B107.1	AS954E S3.8.1
J5414	7/16"	12	55/64"	23/64"	7/8"	1-31/64"	0.11 lbs.	ASME B107.1	AS954E S3.8.1
J5416	1/2"	12	55/64"	23/64"	7/8"	1-31/64"	0.11 lbs.	ASME B107.1	AS954E S3.8.1
J5417	17/32"	12	55/64"	23/64"	23/32"	1-31/64"	0.12 lbs.	ASME B107.1	AS954E S3.8.1
J5418	9/16"	12	55/64"	23/64"	51/64"	1-1/2"	0.13 lbs.	ASME B107.1	AS954E S3.8.1
J5419	19/32"	12	55/64"	9/16"	21/32"	1-1/2"	0.13 lbs.	ASME B107.1	AS954E S3.8.1
J5420	5/8"	12	7/8"	9/16"	21/32"	1-1/2"	0.14 lbs.	ASME B107.1	AS954E S3.8.1
J5421	21/32"	12	61/64"	9/16"	21/32"	1-1/2"	0.15 lbs.	ASME B107.1	AS954E S3.8.1
J5422	11/16"	12	61/64"	9/16"	21/32"	1-1/2"	0.15 lbs.	ASME B107.1	AS954E S3.8.1
J5424	3/4"	12	1-1/64"	11/16"	21/32"	1-1/2"	0.15 lbs.	ASME B107.1	AS954E S3.8.1
J5425	25/32"	12	1-5/64"	11/16"	21/32"	1-1/2"	0.20 lbs.	ASME B107.1	AS954E S3.8.1
J5426	13/16"	12	1-5/64"	11/16"	21/32"	1-1/2"	0.23 lbs.	ASME B107.1	AS954E S3.8.1
J5428	7/8"	12	1-3/16"	11/16"	45/64"	1-9/16"	0.26 lbs.	ASME B107.1	AS954E S3.8.1
J5429	29/32"	12	1-3/16"	13/16"	45/64"	1-9/16"	0.30 lbs.	ASME B107.1	AS954E S3.8.1
J5430	15/16"	12	1-1/4"	13/16"	45/64"	1-9/16"	0.33 lbs.	ASME B107.1	AS954E S3.8.1
J5431	31/32"	12	1-9/32"	13/16"	45/64"	1-9/16"	0.35 lbs.	ASME B107.1	AS954E S3.8.1
J5432	1"	12	1-5/16"	27/32"	45/64"	1-9/16"	0.38 lbs.	ASME B107.1	AS954E S3.8.1
J5434	1-1/16"	12	1-25/64"	13/16"	25/32"	1-5/8"	0.42 lbs.	ASME B107.1	AS954E S3.8.1
J5436	1-1/8"	12	1-31/64"	15/16"	29/32"	1-3/4"	0.47 lbs.	ASME B107.1	AS954E S3.8.1
J5438	1-3/16"	12	1-17/32"	59/64"	29/32"	1-3/4"	0.59 lbs.	ASME B107.1	AS954E S3.8.1
J5440	1-1/4"	12	1-37/64"	1"	7/8"	1-3/4"	0.66 lbs.	ASME B107.1	AS954E S3.8.1
J5442	1-5/16"	12	1-41/64"	27/32"	1-19/64"	1-55/64"	0.69 lbs.	ASME B107.1	AS954E S3.8.1
J5444	1-3/8"	12	1-5/8"	25/32"	1-19/64"	2"	0.79 lbs.	ASME B107.1	AS954E S3.8.1
J5446	1-7/16"	12	1-5/8"	27/32"	1-19/64"	2-1/8"	0.98 lbs.	ASME B107.1	AS954E S3.8.1
J5448	1-1/2"	12	1-5/8"	27/32"	1-19/64"	2-1/4"	1.12 lbs.	ASME B107.1	AS954E S3.8.1



# Sockets, Drive Tools, Accessories



## 1/2" DRIVE METRIC STANDARD LENGTH SOCKET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5408M	8	13.8	21.9	9.0	19.7	32.8	0.11 lbs.	ASME B107.5M	AS954E S3.8.1
J5409M	9	15.0	21.9	9.0	19.7	37.8	0.11 lbs.	ASME B107.5M	AS954E S3.8.1
J5410M	10	15.4	21.9	9.0	21.8	37.8	0.11 lbs.	ASME B107.5M	AS954E S3.8.1
J5411M	11	18.0	21.9	9.0	21.8	37.8	0.11 lbs.	ASME B107.5M	AS954E S3.8.1
J5412M	12	18.5	21.9	9.0	21.8	37.8	0.11 lbs.	ASME B107.5M	AS954E S3.8.1
J5413M	13	19.2	21.9	9.0	21.8	37.8	0.12 lbs.	ASME B107.5M	AS954E S3.8.1
J5414M	14	20.5	21.9	9.0	22.1	38.1	0.13 lbs.	ASME B107.5M	AS954E S3.8.1
J5415M	15	21.8	21.8	14.5	22.1	38.1	0.13 lbs.	ASME B107.5M	AS954E S3.8.1
J5416M	16	22.1	22.1	14.5	22.1	38.1	0.13 lbs.	ASME B107.5M	AS954E S3.8.1
J5417M	17	24.2	24.2	14.5	22.1	38.1	0.14 lbs.	ASME B107.5M	AS954E S3.8.1
J5418M	18	24.2	24.2	14.5	22.1	38.1	0.17 lbs.	ASME B107.5M	AS954E S3.8.1
J5419M	19	26.0	26.0	17.5	21.6	38.1	0.19 lbs.	ASME B107.5M	AS954E S3.8.1
J5420M	20	27.7	27.7	17.5	21.6	38.1	0.22 lbs.	ASME B107.5M	AS954E S3.8.1
J5421M	21	27.7	27.7	17.5	21.6	38.1	0.24 lbs.	ASME B107.5M	AS954E S3.8.1
J5422M	22	29.9	29.9	17.5	21.6	39.0	0.26 lbs.	ASME B107.5M	AS954E S3.8.1
J5423M	23	30.7	30.7	20.0	23.5	39.0	0.27 lbs.	ASME B107.5M	AS954E S3.8.1
J5424M	24	31.7	31.7	21.0	23.5	39.0	0.28 lbs.	ASME B107.5M	AS954E S3.8.1
J5425M	25	32.7	32.7	21.0	23.5	39.0	0.30 lbs.	ASME B107.5M	AS954E S3.8.1
J5426M	26	33.7	33.7	22.0	25.0	41.0	0.33 lbs.	ASME B107.5M	AS954E S3.8.1
J5427M	27	35.7	35.7	24.0	26.5	42.5	0.39 lbs.	ASME B107.5M	AS954E S3.8.1
J5428M	28	37.7	37.7	25.0	29.2	45.2	0.48 lbs.	ASME B107.5M	AS954E S3.8.1
J5429M	29	37.7	37.7	25.0	29.2	45.2	0.62 lbs.	ASME B107.5M	AS954E S3.8.1
J5430M	30	39.7	38.7	25.0	29.2	45.2	0.63 lbs.	ASME B107.5M	AS954E S3.8.1
J5431M	31	40.7	40.7	26.8	29.2	45.2	0.63 lbs.	ASME B107.5M	AS954E S3.8.1
J5432M	32	40.7	40.7	28.5	31.0	47.0	0.63 lbs.	ASME B107.5M	AS954E S3.8.1
J5434M	34	44.9	44.9	25.4	39.2	47.0	0.63 lbs.	ASME B107.5M	AS954E S3.8.1
J5436M	36	50.0	50.0	35.0	41.0	56.8	1.04 lbs.	ASME B107.5M	AS954E S3.8.1
J5438M	38	51.4	51.4	35.0	41.0	57.3	1.04 lbs.	ASME B107.5M	AS954E S3.8.1

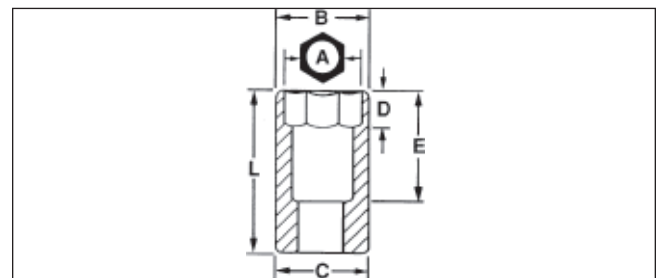


## 1/2" DRIVE DEEP LENGTH SOCKETS - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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.



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.
J5312H	3/8"	9/16"	7/8"	1/4"	2-39/64"	3-1/4"	.30 lbs.	ASME B107.1
J5314H	7/16"	9/16"	7/8"	23/64"	2-39/64"	3-1/4"	.30 lbs.	ASME B107.1
J5316H	1/2"	47/64"	55/64"	25/32"	2-39/64"	3-1/4"	.31 lbs.	ASME B107.1
J5318H	9/16"	13/16"	27/32"	7/8"	2-39/64"	3-1/4"	.31 lbs.	ASME B107.1
J5320H	5/8"	7/8"	7/8"	1-3/16"	2-39/64"	3-1/4"	.31 lbs.	ASME B107.1
J5322H	11/16"	31/32"	31/32"	1-3/16"	2-39/64"	3-1/4"	.33 lbs.	ASME B107.1
J5324H	3/4"	1-3/64"	1-3/64"	1-3/16"	2-39/64"	3-1/4"	.40 lbs.	ASME B107.1
J5326H	1-3/16"	1-1/8"	1-1/8"	1-3/16"	2-39/64"	3-1/4"	.43 lbs.	ASME B107.1
J5328H	7/8"	1-11/64"	1-11/64"	1-3/16"	2-39/64"	3-1/4"	.54 lbs.	ASME B107.1
J5330H	15/16"	1-1/4"	1-1/4"	1-3/16"	2-39/64"	3-1/4"	.65 lbs.	ASME B107.1
J5332H	1"	1-21/64"	1-21/64"	1-3/16"	2-39/64"	3-1/4"	.71 lbs.	ASME B107.1
J5334H	1-1/16"	1-7/16"	1-7/16"	1-3/16"	2-1/4"	3-1/4"	.72 lbs.	ASME B107.1
J5336H	1-1/8"	1-1/2"	1-1/2"	1"	2-1/4"	3-1/4"	.74 lbs.	ASME B107.1
J5338H	1-3/16"	1-35/64"	1-35/64"	1-3/32"	2-1/4"	3-1/4"	.85 lbs.	ASME B107.1
J5340H	1-1/4"	1-19/32"	1-19/32"	1-3/16"	2-1/4"	3-1/4"	1.02 lbs.	ASME B107.1
J5342H	1-5/16"	1-7/8"	1-5/8"	27/32"	2-19/64"	3-1/2"	1.06 lbs.	ASME B107.1
J5344H	1-3/8"	1-7/8"	1-5/8"	29/32"	2-1/4"	3-1/2"	1.23 lbs.	ASME B107.1
J5346H	1-7/16"	2-1/16"	1-5/8"	61/64"	2-1/4"	3-1/2"	1.27 lbs.	ASME B107.1
J5348H	1-1/2"	2"	1-5/8"	1"	2-1/4"	3-1/2"	1.58 lbs.	ASME B107.1



# Sockets, Drive Tools, Accessories

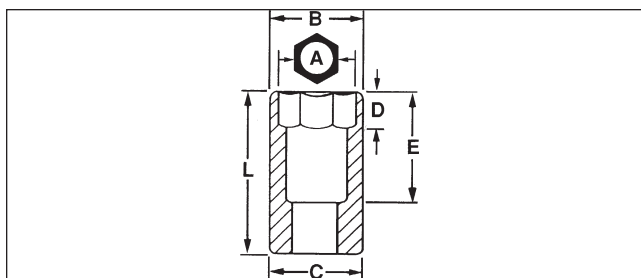


## 1/2" DRIVE DEEP LENGTH SOCKETS - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5312	3/8"	9/16"	7/8"	1/4"	2-39/64"	3-1/4"	.28 lbs.	ASME B107.1	AS954E S3.8.1
J5314	7/16"	9/16"	7/8"	23/64"	2-39/64"	3-1/4"	.28 lbs.	ASME B107.1	AS954E S3.8.1
J5316	1/2"	47/64"	55/64"	25/32"	2-39/64"	3-1/4"	.29 lbs.	ASME B107.1	AS954E S3.8.1
J5318	9/16"	13/16"	27/32"	15/16"	2-39/64"	3-1/4"	.29 lbs.	ASME B107.1	AS954E S3.8.1
J5320	5/8"	7/8"	7/8"	1-7/32"	2-39/64"	3-1/4"	.30 lbs.	ASME B107.1	AS954E S3.8.1
J5322	11/16"	31/32"	31/32"	1-7/32"	2-39/64"	3-1/4"	.42 lbs.	ASME B107.1	AS954E S3.8.1
J5324	3/4"	1-3/64"	1-3/64"	1-7/32"	2-39/64"	3-1/4"	.42 lbs.	ASME B107.1	AS954E S3.8.1
J5326	13/16"	1-3/32"	1-3/32"	1-7/32"	2-39/64"	3-1/4"	.52 lbs.	ASME B107.1	AS954E S3.8.1
J5328	7/8"	1-11/64"	1-11/64"	1-7/32"	2-39/64"	3-1/4"	.58 lbs.	ASME B107.1	AS954E S3.8.1
J5330	15/16"	1-1/4"	1-1/4"	1-7/32"	2-39/64"	3-1/4"	.67 lbs.	ASME B107.1	AS954E S3.8.1
J5332	1"	1-21/64"	1-21/64"	1-7/32"	2-29/64"	3-1/4"	.67 lbs.	ASME B107.1	AS954E S3.8.1
J5334	1-1/16"	1-13/32"	1-13/32"	1-9/32"	2-29/64"	3-1/4"	.75 lbs.	ASME B107.1	AS954E S3.8.1
J5336	1-1/8"	1-1/2"	1-1/2"	1-5/32"	2-29/64"	3-1/4"	.83 lbs.	ASME B107.1	AS954E S3.8.1
J5338	1-3/16"	1-35/64"	1-35/64"	1-7/64"	2-1/4"	3-1/4"	.83 lbs.	ASME B107.1	AS954E S3.8.1
J5340	1-1/4"	1-9/16"	1-9/16"	1-13/32"	2-29/64"	3-1/4"	1.06 lbs.	ASME B107.1	AS954E S3.8.1
J5342	1-5/16"	1-7/8"	1-5/8"	27/32"	2-15/64"	3-1/2"	1.06 lbs.	ASME B107.1	AS954E S3.8.1
J5344	1-3/8"	1-7/8"	1-5/8"	61/64"	2-1/4"	3-1/2"	1.23 lbs.	ASME B107.1	AS954E S3.8.1
J5346	1-7/16"	2-1/16"	1-5/8"	61/64"	2-1/4"	3-1/2"	1.27 lbs.	ASME B107.1	AS954E S3.8.1
J5348	1-1/2"	2-1/16"	1-5/8"	1"	2-1/4"	3-1/2"	1.58 lbs.	ASME B107.1	AS954E S3.8.1



## 1/2" DRIVE METRIC DEEP LENGTH SOCKETS - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5310M	10 mm	15.4	22.0	15.0	66.5	82.5	0.25 lbs.	ASME B107.5M	AS954E S3.8.1
J5311M	11 mm	18.0	22.0	16.0	66.5	82.5	0.25 lbs.	ASME B107.5M	AS954E S3.8.1
J5312M	12 mm	18.6	22.0	17.0	66.5	82.5	0.26 lbs.	ASME B107.5M	AS954E S3.8.1
J5313M	13 mm	19.2	22.0	17.0	66.5	82.5	0.26 lbs.	ASME B107.5M	AS954E S3.8.1
J5314M	14 mm	21.6	21.6	24.0	66.5	82.5	0.30 lbs.	ASME B107.5M	AS954E S3.8.1
J5315M	15 mm	21.8	21.8	27.0	66.5	82.5	0.32 lbs.	ASME B107.5M	AS954E S3.8.1
J5316M	16 mm	22.0	22.0	30.0	66.5	82.5	0.32 lbs.	ASME B107.5M	AS954E S3.8.1
J5317M	17 mm	24.2	24.2	30.0	66.5	82.5	0.33 lbs.	ASME B107.5M	AS954E S3.8.1
J5318M	18 mm	25.2	25.2	30.0	66.5	82.5	0.33 lbs.	ASME B107.5M	AS954E S3.8.1
J5319M	19 mm	26.7	26.7	30.0	66.5	82.5	0.37 lbs.	ASME B107.5M	AS954E S3.8.1
J5320M	20 mm	27.7	27.7	30.0	66.5	82.5	0.46 lbs.	ASME B107.5M	AS954E S3.8.1
J5321M	21 mm	27.7	27.7	30.0	66.5	82.5	0.51 lbs.	ASME B107.5M	AS954E S3.8.1
J5322M	22 mm	29.7	29.7	30.0	66.5	82.5	0.51 lbs.	ASME B107.5M	AS954E S3.8.1
J5323M	23 mm	30.7	30.7	30.0	66.5	82.5	0.51 lbs.	ASME B107.5M	AS954E S3.8.1
J5324M	24 mm	31.7	31.7	30.0	66.5	82.5	0.51 lbs.	ASME B107.5M	AS954E S3.8.1
J5325M	25 mm	33.2	33.2	30.0	66.5	82.5	0.62 lbs.	ASME B107.5M	AS954E S3.8.1
J5326M	26 mm	33.7	33.7	30.0	66.5	82.5	0.63 lbs.	ASME B107.5M	AS954E S3.8.1
J5327M	27 mm	25.7	25.7	28.0	66.5	82.5	0.65 lbs.	ASME B107.5M	AS954E S3.8.1
J5328M	28 mm	27.7	37.7	28.0	66.5	82.5	0.68 lbs.	ASME B107.5M	AS954E S3.8.1
J5329M	29 mm	37.7	37.6	28.0	66.5	82.5	0.68 lbs.	ASME B107.5M	AS954E S3.8.1
J5330M	30 mm	39.7	39.7	28.0	66.5	82.5	0.70 lbs.	ASME B107.5M	AS954E S3.8.1
J5331M	31 mm	40.7	40.7	28.0	66.5	82.5	0.73 lbs.	ASME B107.5M	AS954E S3.8.1
J5332M	32 mm	40.7	40.7	28.0	66.5	82.5	0.73 lbs.	ASME B107.5M	AS954E S3.8.1
J5336M	36 mm	50.0	50.0	28.0	66.5	82.5	0.99 lbs.	ASME B107.5M	AS954E S3.8.1



# Sockets, Drive Tools, Accessories



## 1/2" DRIVE SPARK PLUG SOCKETS - 6 POINT

- With rubber insert.
- Proto® 6 Point Sockets 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 socket 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 socket, 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.



Product ID No.	in.	Overall Length	Weight lbs.
J5320-50	5/8"	2-1/2"	0.23 lbs.
J5326HPA	13/16"	2-47/64"	0.35 lbs.

## 1/2" DRIVE UNIVERSAL SOCKETS - 12 POINT

- Universal sockets are designed to permit turning at an angle up to 65° where obstructions may prevent a straight application.
- Proto® 12 Point Sockets 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 socket 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 socket, 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.




Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5475	1/2"	23/32"	15/16"	3/8"	29/64"	2-15/32"	0.25 lbs.	ASME B107.1	AS954E S3.8.1
J5476	9/16"	13/16"	15/16"	13/32"	1/2"	2-21/32"	0.26 lbs.	ASME B107.1	AS954E S3.8.1
J5477	5/8"	15/16"	15/16"	29/64"	1/2"	2-21/32"	0.27 lbs.	ASME B107.1	AS954E S3.8.1






## 1/2" DRIVE HEX BITS

Product ID No.	in.		Overall Length	Weight lbs.	Replacements
<b>J5441 1/4</b>	1/4"	1-3/4"	3-1/4"	0.19 lbs.	J5441-1/4RKA
<b>J5441 5/16</b>	5/16"	1-3/4"	3-1/4"	0.22 lbs.	J5441-5/16RKA
<b>J5441 3/8</b>	3/8"	1-3/4"	3-1/4"	0.25 lbs.	J5441-3/8RKA
<b>J5441 7/16</b>	7/16"	1-3/4"	3-1/4"	0.28 lbs.	J5441-7/16RKA
<b>J5441 1/2</b>	1/2"	1-7/8"	3-5/8"	0.46 lbs.	J5441-1/2RKA
<b>J5441 9/16</b>	9/16"	1-7/8"	3-5/8"	0.50 lbs.	J5441-9/16RKA
<b>J5441 5/8</b>	5/8"	2"	4"	0.85 lbs.	J5441-5/8RKA
<b>J5441 3/4</b>	3/4"	2"	4"	0.92 lbs.	J5441-3/4RKA




## 1/2" DRIVE METRIC HEX BITS

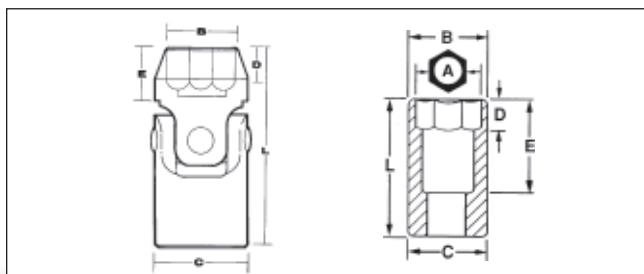
**M**ETRIC

Product ID No.	mm		Overall Length	Weight lbs.	Replacements
<b>J5441-6M</b>	6	44.5	82.6	0.20 lbs.	J5441-6MRKA
<b>J5441-8M</b>	8	44.5	82.6	0.22 lbs.	J5441-8MRKA
<b>J5441-10M</b>	10	44.5	82.6	0.26 lbs.	J5441-10MRKA
<b>J5441-12M</b>	12	44.5	82.6	0.29 lbs.	J5441-12MRKA
<b>J5441-13M</b>	13	47.8	92.6	0.46 lbs.	J5441-13MRKA
<b>J5441-14M</b>	14	47.6	92.6	0.50 lbs.	J5441-14MRKA
<b>J5441-15M</b>	15	47.8	92.6	0.50 lbs.	J5441-15MRKA
<b>J5441-17M</b>	17	50.8	101.6	0.87 lbs.	J5441-17MRKA
<b>J5441-18M</b>	18	50.8	101.6	0.90 lbs.	J5441-18MRKA
<b>J5441-19M</b>	19	50.8	101.6	0.94 lbs.	J5441-19MRKA



## 1/2" DRIVE EXTRA LONG HEX BITS

Product ID No.	in.		Overall Length	Weight lbs.	Replacements
<b>J5441 1/4XL</b>	1/4"	3-1/8"	4-5/8"	0.20 lbs.	J5441-1/4XLRKA
<b>J5441 5/16XL</b>	5/16"	4-1/8"	5-5/8"	0.29 lbs.	J5441-5/16XLRKA
<b>J5441 3/8XL</b>	3/8"	4-1/8"	5-5/8"	0.42 lbs.	J5441-3/8XLRKA
<b>J5441 1/2XL</b>	1/2"	5-3/8"	7-1/8"	0.60 lbs.	J5441-1/2XLRKA
<b>J5441 9/16XL</b>	9/16"	5-3/8"	7-1/8"	0.77 lbs.	J5441-9/16XLRKA
<b>J5441 5/8XL</b>	5/8"	5-3/16"	7-3/16"	0.86 lbs.	J5441-5/8XLRKA





# Sockets, Drive Tools, Accessories





## 1/2" DRIVE METRIC EXTRA LONG HEX BITS

**M**ETRIC

Product ID No.	 mm		Overall Length	Weight lbs.	Replacement
<b>J5441-12MXL</b>	12	142.9	181.0	0.50 lbs.	J5441-12MXLRKA
<b>J5441-14MXL</b>	14	136.5	181.0	0.75 lbs.	J5441-14MXLRKA
<b>J5441-17MXL</b>	17	130.2	181.0	1.20 lbs.	J5441-17MXLRKA





## 1/2" DRIVE DRAG LINK SOCKETS

Product ID No.			Overall Length	Weight lbs.
<b>J5444A</b>	3/4"	0.115"	1-5/8"	0.14 lbs.
<b>J5446A</b>	15/16"	0.154"	1-5/8"	0.17 lbs.




## 1/2" DRIVE STANDARD SCREWDRIVER BIT

Product ID No.			Overall Length	Weight lbs.
<b>J5407</b>	7/16"	0.050"	3-5/32"	0.20 lbs.
<b>J5408</b>	1/2"	0.075"	3-5/32"	0.22 lbs.
<b>J5409</b>	5/8"	0.093"	3-5/32"	0.27 lbs.



## 1/2" DRIVE PHILLIPS® SCREWDRIVER BITS

Product ID No.		Overall Length	Weight lbs.
<b>J5402</b>	No. 2	2-5/32"	0.19 lbs.
<b>J5403</b>	No. 3	2-5/32"	0.18 lbs.
<b>J5404</b>	No.4	2-5/32"	0.19 lbs.



## 1/2" DR HEX BIT REPLACEMENTS

Product ID No.	Length	Weight lbs.
<b>J5441-1/2RKA</b>	2.5	0.16 lbs.
<b>J5441-1/2XLRKA</b>	6.1	0.38 lbs.
<b>J5441-1/4RKA</b>	2.4	0.04 lbs.
<b>J5441-1/4XLRKA</b>	4	0.06 lbs.
<b>J5441-10MRKA</b>	2.5	0.1 lbs.
<b>J5441-12MRKA</b>	2.5	0.14 lbs.
<b>J5441-12MXLRKA</b>	0.5	0.34 lbs.
<b>J5441-13MRKA</b>	3.8	0.17 lbs.
<b>J5441-14MRKA</b>	2.5	0.20 lbs.
<b>J5441-14MXLRKA</b>	6.1	0.45 lbs.
<b>J5441-15MRKA</b>	2.6	0.22 lbs.
<b>J5441-17MRKA</b>	2.8	0.32 lbs.
<b>J5441-17MXLRKA</b>	6	0.65 lbs.
<b>J5441-18MRKA</b>	3	0.34 lbs.
<b>J5441-19MRKA</b>	3	0.38 lbs.
<b>J5441-3/4RKA</b>	3	0.39 lbs.
<b>J5441-3/8RKA</b>	2.7	0.08 lbs.
<b>J5441-3/8XLRKA</b>	4.7	0.16 lbs.
<b>J5441-5/16RKA</b>	2.5	0.06 lbs.
<b>J5441-5/8RKA</b>	3	0.27 lbs.
<b>J5441-5/8XLRKA</b>	6	0.59 lbs.
<b>J5441-5/16XLRKA</b>	4.7	0.12 lbs.
<b>J5441-6MRKA</b>	2.4	0.04 lbs.
<b>J5441-7/16RKA</b>	2.5	0.11 lbs.
<b>J5441-8MRKA</b>	2.5	0.06 lbs.
<b>J5441-9/16RKA</b>	2.6	0.21 lbs.
<b>J5441-9/16XLRKA</b>	6.1	0.48 lbs.

Phillips is a registered trademark of Phillips Screw Company

# Sockets, Drive Tools, Accessories

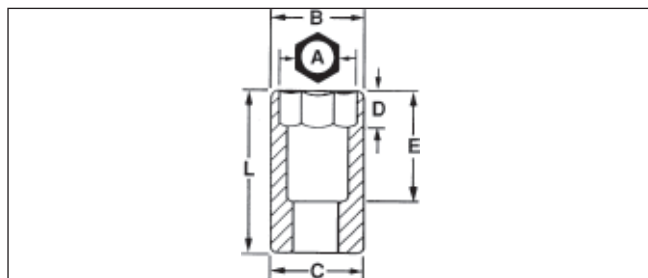


## 1/2" DRIVE DEEP LENGTH PROTOBLACK™ SOCKETS - 12 POINT

- Black oxide finish - hand use only.
- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5316B	1/2"	47/64"	55/64"	51/64"	2-1/8"	3-1/4"	.27 lbs.	ASME B107.1	AS954E S3.8.1
J5318B	9/16"	13/16"	55/64"	7/8"	2-1/8"	3-1/4"	.31 lbs.	ASME B107.1	AS954E S3.8.1
J5320B	5/8"	7/8"	7/8"	1-3/16"	2-1/8"	3-1/4"	.28 lbs.	ASME B107.1	AS954E S3.8.1
J5322B	11/16"	61/64"	61/64"	1-3/16"	2-1/8"	3-1/4"	.33 lbs.	ASME B107.1	AS954E S3.8.1
J5324B	3/4"	1-3/64"	1-3/64"	1-3/16"	2-1/8"	3-1/4"	.39 lbs.	ASME B107.1	AS954E S3.8.1
J5326B	13/16"	1-3/32"	1-3/32"	1-3/16"	2-1/8"	3-1/4"	.42 lbs.	ASME B107.1	AS954E S3.8.1
J5328B	7/8"	1-11/64"	1-11/64"	1-3/16"	2-1/8"	3-1/4"	.50 lbs.	ASME B107.1	AS954E S3.8.1
J5330B	15/16"	1-1/4"	1-1/4"	1-3/16"	2-1/8"	3-1/4"	.55 lbs.	ASME B107.1	AS954E S3.8.1
J5332B	1"	1-21/64"	1-21/64"	1-3/16"	2-1/8"	3-1/4"	.59 lbs.	ASME B107.1	AS954E S3.8.1
J5334B	1-1/16"	1-13/32"	1-13/32"	1-3/16"	2-1/8"	3-1/4"	.69 lbs.	ASME B107.1	AS954E S3.8.1
J5336B	1-1/8"	1-31/64"	1-31/64"	1-3/16"	2-1/8"	3-1/4"	.76 lbs.	ASME B107.1	AS954E S3.8.1
J5340B	1-1/4"	1-37/64"	1-37/64"	1-3/16"	2-1/8"	3-1/4"	.79 lbs.	ASME B107.1	AS954E S3.8.1



## 1/2" DRIVE STANDARD LENGTH PROTOBLACK™ SOCKETS - 12 POINT

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- 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.



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5412B	3/8"	9/16"	55/64"	23/64"	7/8"	1-1/2"	0.10 lbs.	ASME B107.1	AS954E S3.8.1
J5414B	7/16"	43/64"	55/64"	23/64"	7/8"	1-1/2"	0.12 lbs.	ASME B107.1	AS954E S3.8.1
J5416B	1/2"	47/64"	55/64"	23/64"	7/8"	1-1/2"	0.12 lbs.	ASME B107.1	AS954E S3.8.1
J5418B	9/16"	13/16"	55/64"	23/64"	51/64"	1-1/2"	0.12 lbs.	ASME B107.1	AS954E S3.8.1
J5420B	5/8"	7/8"	7/8"	9/16"	21/37"	1-1/2"	0.12 lbs.	ASME B107.1	AS954E S3.8.1
J5422B	11/16"	61/64"	61/64"	9/16"	21/32"	1-1/2"	0.15 lbs.	ASME B107.1	AS954E S3.8.1
J5424B	3/4"	1-1/32"	1-1/32"	11/16"	21/32"	1-1/2"	0.17 lbs.	ASME B107.1	AS954E S3.8.1
J5425B	25/32"	1-1/16"	1-1/16"	11/16"	21/32"	1-1/2"	.20 lbs.	ASME B107.1	AS954E S3.8.1
J5426B	13/16"	1-3/32"	1-3/32"	11/16"	21/32"	1-1/2"	0.20 lbs.	ASME B107.1	AS954E S3.8.1
J5428B	7/8"	1-11/64"	1-11/64"	11/16"	45/64"	1-9/16"	0.25 lbs.	ASME B107.1	AS954E S3.8.1
J5430B	15/16"	1-1/4"	1-1/4"	13/16"	45/64"	1-9/16"	0.27 lbs.	ASME B107.1	AS954E S3.8.1
J5432B	1"	1-5/16"	1-3/16"	27/32"	45/64"	1-9/16"	0.31 lbs.	ASME B107.1	AS954E S3.8.1
J5434B	1-1/16"	1-25/64"	1-25/64"	13/16"	25/32"	1-5/8"	0.37 lbs.	ASME B107.1	AS954E S3.8.1
J5436B	1-1/8"	1-31/64"	1-31/64"	15/16"	29/32"	1-3/4"	0.44 lbs.	ASME B107.1	AS954E S3.8.1
J5438B	1-3/16"	1-17/32"	1-17/32"	59/64"	29/32"	1-3/4"	0.45 lbs.	ASME B107.1	AS954E S3.8.1
J5440B	1-1/4"	1-37/64"	1-37/64"	1"	7/8"	1-21/32"	0.43 lbs.	ASME B107.1	AS954E S3.8.1
J5442B	1-5/16"	1-41/64"	1-41/64"	1-27/32"	1-19/64"	1-3/4"	0.52 lbs.	ASME B107.1	AS954E S3.8.1
J5444B	1-3/8"	1-51/64"	1-5/8"	1-31/32"	1-19/64"	2"	0.67 lbs.	ASME B107.1	AS954E S3.8.1
J5446B	1-7/16"	1-59/64"	1-5/8"	1-27/32"	1-19/64"	2-1/8"	0.80 lbs.	ASME B107.1	AS954E S3.8.1
J5448B	1-1/2"	1-63/64"	1-5/8"	1-27/32"	1-19/64"	2-1/4"	0.85 lbs.	ASME B107.1	AS954E S3.8.1




# Sockets, Drive Tools, Accessories

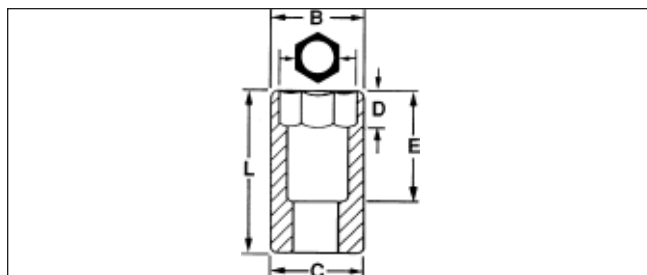


## 1/2" DRIVE STANDARD DEPTH SPLINE SOCKETS

- Proto® Spline tools are designed to service high tensile strength fasteners used widely on military and commercial aircraft and in heavy machinery applications where vibration is prevalent. They are also used in automotive and industrial areas where high performance torque needs to be achieved.
- Spline sockets help tighten high strength bolts to high torque loads. They help lower the force required to turn standard fasteners by allowing the torque load to be moved away from the corners to help prevent fastener rounding. They also turn fasteners with damaged corners.
- Spline sockets on spline fasteners help deliver twice the torque of 12 pt. wrenches on double box fasteners, and more torque than hex wrenches on hex fasteners.
- Spline helps reduce foreign object debris (FOD) by having a precise fit between the fastening tool and its fastener.

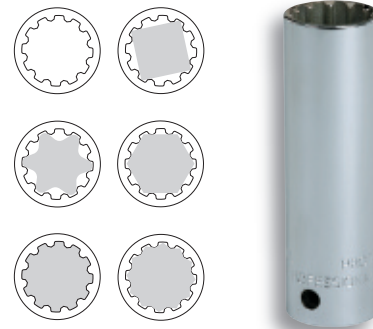



Product ID No.	Spline Size	 in.	B	C	D	E	L	Weight lbs.
J5416SPL	# 16	1/2	7/8"	7/8"	31/64"	13/16"	1-7/16"	0.11 lbs.
J5418SPL	# 18	9/16	7/8"	7/8"	31/64"	13/16"	1-7/16"	0.11 lbs.
J5420SPL	# 20	5/8	7/8"	7/8"	17/32"	1-1/16"	1-9/16"	0.14 lbs.
J5422SPL	# 22	11/16	61/64"	61/64"	17/32"	1-1/16"	1-9/16"	0.17 lbs.
J5424SPL	# 24	3/4	1-3/64"	1-3/64"	17/32"	1-1/16"	1-9/16"	0.20 lbs.
J5426SPL	# 26	13/16	1-1/8"	1-1/8"	17/32"	1-1/16"	1-9/16"	0.23 lbs.
J5428SPL	# 28	7/8	1-3/16"	1-3/16"	17/32"	1-1/16"	1-9/16"	0.24 lbs.
J5430SPL	# 30	15/16	1-5/16"	1-5/16"	17/32"	1-1/16"	1-9/16"	0.30 lbs.



## 1/2" DRIVE DEEP SPLINE SOCKETS

- Proto® Spline tools are designed to service high tensile strength fasteners used widely on military and commercial aircraft and in heavy machinery applications where vibration is prevalent. They are also used in automotive and industrial areas where high performance torque needs to be achieved.
- Spline sockets help tighten high strength bolts to high torque loads. They help lower the force required to turn standard fasteners by allowing the torque load to be moved away from the corners to help prevent fastener rounding. They also turn fasteners with damaged corners.
- Spline sockets on spline fasteners help deliver twice the torque of 12 pt. wrenches on double box fasteners, and more torque than hex wrenches on hex fasteners.
- Spline helps reduce foreign object debris (FOD) by having a precise fit between the fastening tool and its fastener.



Product ID No.	Spline Size	 in.	B	C	D	E	L	Weight lbs.
<b>J5316DPL</b>	# 16	1/2	7/8"	7/8"	31/64"	2-7/8"	3-3/8"	0.24 lbs.
<b>J5318DPL</b>	# 18	9/16	7/8"	7/8"	31/64"	2-7/8"	3-3/8"	0.28 lbs.
<b>J5320DPL</b>	# 20	5/8	7/8"	7/8"	33/64"	2-7/8"	3-3/8"	0.32 lbs.
<b>J5322DPL</b>	# 22	11/16	61/64"	61/64"	17/32"	2-7/8"	3-3/8"	0.29 lbs.
<b>J5324DPL</b>	# 24	3/4	1-3/64"	1-3/64"	17/32"	2-7/8"	3-3/8"	0.33 lbs.
<b>J5326DPL</b>	# 26	13/16	1-1/8"	1-1/8"	17/32"	2-7/8"	3-3/8"	0.37 lbs.
<b>J5328DPL</b>	# 28	7/8	1-3/16"	1-3/16"	17/32"	2-7/8"	3-3/8"	0.41 lbs.
<b>J5330DPL</b>	# 30	15/16	1-5/16"	1-5/16"	17/32"	2-7/8"	3-3/8"	0.48 lbs.

## 1/2" DRIVE STANDARD LENGTH RATCHET

- Oversized reverse lever for easy reversing while wearing work gloves.
- Reversing lever designed for quick one hand operations.
- Ideal ratchet for lineman operations.
- Unique 24 tooth gear design provides 15° ratcheting angle while maximizing ultimate torque.



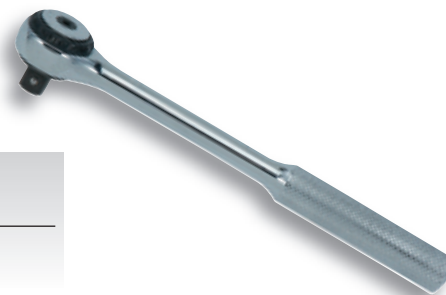
Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5449UT</b>	10"	1.50 lbs.	<b>J5449UTRK</b>	ASME B107.10M

# Sockets, Drive Tools, Accessories



## 1/2" DRIVE STANDARD LENGTH ROUND HEAD RATCHET

- Small head design and tight swing allow fastener to access tight areas.
- Full polish shaft with knurled grip for strong slip-resistant grip.
- 5° ratcheting angle.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5452F</b>	9-3/8"	1.12 lbs.	<b>J5452FRK</b>	ASME B107.10M

## 1/2" DRIVE SPUD HANDLE PEAR HEAD RATCHET - PROTOBLACK™

- Tapered handle for aligning bolt holes.
- Spring loaded pellet in male drive plug.
- Black oxide finish.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5449-14BL</b>	14"	2.03 lbs.	<b>J5449-14RK</b>	ASME B107.10M

## 1/2" DRIVE SCAFFOLDING RATCHET

- The scaffold ratchet is designed for working with scaffolding and other construction applications.
- Socket retained with through hole and pin for safety.
- Hammer tip reduces vibration and protects fasteners against distortion.
- Hole in ratchet handle to be used with tether strap.



Product ID No.	Overall Length	Socket Opening	Weight lbs.
<b>J5449SC</b>	10"	7/8"	2.01 lbs.

## 1/2" DRIVE ROUND FLEX-HEAD RATCHET

- Small head design and tight swing arc allow fastener to access tight area.
- Full polish shaft with knurled grip allows for a strong slip-resistant grip.
- 5° ratcheting angle.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5457F</b>	17.1"	1.53 lbs.	<b>J5452FRK</b>	ASME B107.10M



## 1/2" DRIVE STANDARD LENGTH PEAR HEAD RATCHET

- Robust 24 tooth design with 15° arc swing.
- Alloy steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one handed operation.
- Knurled slip-resistant grip.

Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5449</b>	10"	1.57 lbs.	<b>J5449RK</b>	ASME B107.10M



## 1/2" DRIVE LONG HANDLE PEAR HEAD RATCHET

- Robust 24 tooth design with 15° arc swing.
- Alloy steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one handed operation.
- Knurled slip-resistant grip.
- Field repairable.

Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5450</b>	16"	2.03 lbs.	<b>J5449RK</b>	ASME B107.10M



## 1/2" DRIVE STANDARD LENGTH PEAR HEAD RATCHET

- Black oxide finish.
- Robust 24 tooth design with 15° arc swing.
- Alloy steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one handed operation.
- Knurled slip-resistant grip.
- Field repairable.

Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5449BL</b>	10"	1.74 lbs.	<b>J5449RK</b>	ASME B107.10M



# Sockets, Drive Tools, Accessories



## 1/2" DRIVE LONG HANDLE PEAR HEAD RATCHET - PROTOBLACK™

- Black oxide finish.
- Robust 24 tooth design with 15° arc swing.
- Alloy steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one handed operation.
- Knurled slip-resistant grip.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5450BL</b>	16"	2.03 lbs.	<b>J5449RK</b>	ASME B107.10M

## 1/2" DRIVE LONG HANDLE PEAR HEAD HEAD RATCHET - FEMALE DRIVE

- Robust 24 tooth design with 15° arc swing.
- Alloy steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one handed operation.
- Knurled slip-resistant grip.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5450FW</b>	16"	1.82 lbs.	<b>J5450FWRK</b>	ASME B107.10M

## 1/2" STANDARD LENGTH PEAR HEAD PROTO® RATCHET

- Small tear drop design for access in hard to reach work areas.
- 45 tooth gear provides balance between 8 degree articulation angle and high torque carrying capacity.
- Sealed design helps prevent debris from entering ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- Low profile reversing lever design for quick, one hand operation.
- Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and slip resistance.
- Double nickel chrome plated for enhanced corrosion protection.
- Field repairable.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5449XL</b>	10.5"	1.72 lbs.	<b>J5449XLRK</b>	ASME B107.10M





## 1/2" STANDARD LENGTH PROTO® RATCHET - BLACK

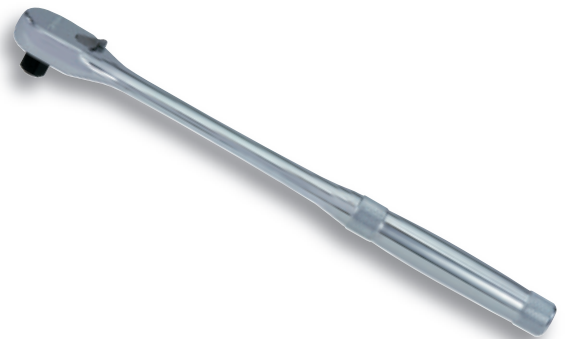
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- 45 tooth gear provides balance between 8 degree articulation angle and high torque carrying capacity.
- Sealed design helps prevent debris from entering ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- Low profile reversing lever design for quick, one hand operation.
- Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and slip resistance.
- Field repairable.
- Black oxide finish.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5449XLBL</b>	10.5"	1.72 lbs.	<b>J5449XLRK</b>	ASME B107.10M

## 1/2" LONG HANDLE PEAR HEAD PROTO® RATCHET

- Small tear drop design for access in hard to reach work areas.
- 45 tooth gear provides balance between 8 degree articulation angle and high torque carrying capacity.
- Sealed design helps prevent debris from entering ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- Low profile reversing lever design for quick, one hand operation.
- Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and slip resistance.
- Double nickel chrome plated for enhanced corrosion protection.
- Field repairable.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5450XL</b>	15"	2.18 lbs.	<b>J5449XLRK</b>	ASME B107.10M

# Sockets, Drive Tools, Accessories



## 1/2" DRIVE LONG HANDLE PROTO® RATCHET - BLACK

- Small tear drop design for access in hard to reach work areas.
- 45 tooth gear provides balance between 8 degree articulation on angle and high torque carrying capacity.
- Sealed design helps prevent debris from entering ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- Low profile reversing lever design for quick, one hand operation.
- Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and slip resistance.
- Field repairable.
- Black oxide finish.



Product ID No.	Overall Length	Weight lbs.	ASME Repair Kit	ASME Spec.
<b>J5450XLBL</b>	15"	2.18 lbs.	<b>J5449XLRK</b>	ASME B107.10M

## 1/2" DRIVE LOCKING EXTENSIONS

- Provides positive socket retention.
- Use where accidental socket disengagement may be a concern or safety hazard.

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5460-03L</b>	3"	0.4 lbs.	ASME B107.10M
<b>J5461L</b>	5"	0.55 lbs.	ASME B107.10M
<b>J5463L</b>	10"	1.04 lbs.	ASME B107.10M



## 1/2" DRIVE STANDARD DRIVE EXTENSION

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5460</b>	2-1/2"	0.24 lbs.	ASME B107.10M
<b>J5461</b>	5"	0.44 lbs.	ASME B107.10M
<b>J5463</b>	10"	0.89 lbs.	ASME B107.10M
<b>J5464</b>	20"	1.87 lbs.	ASME B107.10M
<b>J5465</b>	36"	3.41 lbs.	ASME B107.10M



## 1/2" DRIVE STANDARD DRIVE EXTENSION - PROTOBLACK™

- Black oxide finish.

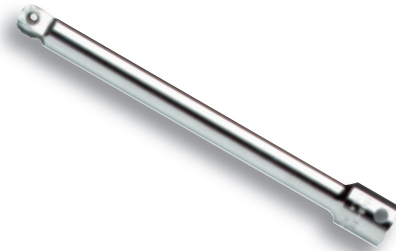
Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5460B</b>	2-1/2"	0.24 lbs.	ASME B107.10M
<b>J5461B</b>	5"	0.44 lbs.	ASME B107.10M
<b>J5463B</b>	10"	0.89 lbs.	ASME B107.10M



## 1/2" DRIVE WOBBLE DRIVE EXTENSION

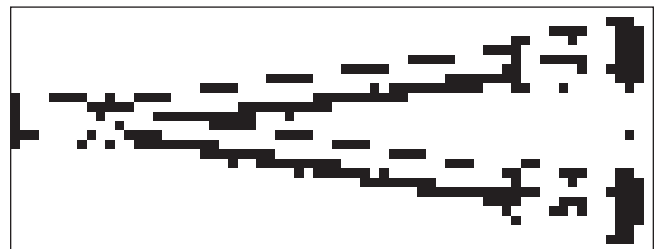
- Provides up to a 17° angle of operation.

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5460W</b>	2-1/2"	0.24 lbs.	ASME B107.10M
<b>J5461W</b>	5"	0.44 lbs.	ASME B107.10M
<b>J5463W</b>	10"	0.89 lbs.	ASME B107.10M
<b>J5464W</b>	20"	1.90 lbs.	ASME B107.10M



## 1/2" DRIVE HINGE HANDLE

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5466</b>	10-7/8"	1.14 lbs.	ASME B107.10M
<b>J5467</b>	15-3/4"	1.52 lbs.	ASME B107.10M
<b>J5468</b>	18-5/8"	1.69 lbs.	ASME B107.10M
<b>J5469</b>	24"	2.68 lbs.	ASME B107.10M





# Sockets, Drive Tools, Accessories

## 1/2" DRIVE HINGE HANDLE - PROTOBLACK™

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5468</b>	18-5/8"	1.69 lbs.	ASME B107.10M



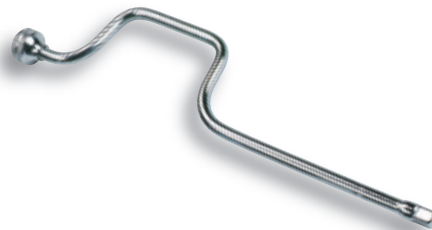
## 1/2" DRIVE SLIDING TEE HANDLE

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5485</b>	12-15/16"	1.11 lbs.	ASME B107.10M




## 1/2" DRIVE SPEED HANDLE

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5480</b>	18"	1.51 lbs.	ASME B107.10M



## 1/2" DRIVE ADAPTERS

Product ID No.		Overall Length	Weight lbs.	ASME Spec.
<b>J5253</b>	3/8" F x 1/2" M	1-7/16"	0.11 lbs.	ASME B107.10M
<b>J5254</b>	1/2" F x 3/8" M	1-3/8"	0.13 lbs.	ASME B107.10M
<b>J5653</b>	1/2" F x 3/4"	1-11/16"	0.24 lbs.	ASME B107.10M
<b>J5453</b>	3/4" F x 1/2"	1-7/8"	0.39 lbs.	ASME B107.10M



## 1/2" DRIVE RATCHET ADAPTERS

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5447</b>	2-21/32"	0.86 lbs.	ASME B107.10M



## 1/2" DRIVE UNIVERSAL JOINT

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5470A</b>	2-3/4"	0.30 lbs.	ASME B107.10M





# Sockets, Drive Tools, Accessories



## SET NO. J53000CFLFN - 1/2" DRIVE 40 PC. CROWFOOT WRENCH SET

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design open end (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- 12 point allows for fine indexing, helping to improve speed and access.
- Fits 4, 6 and 12 point fasteners.
- Use with locking extensions to reach into small spaces or where the fastener is out of sight.
- Locking hole feature helps keep the crowfoot wrench engaged on the extension during use, helping to reduce downtime due to the detachment of the crowfoot in an awkward space.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Weight: 23.8 lbs



Contents	Description
J5330CF	Wrench, Open End Crowfoot 1/2" Dr. 15/16"
J5332CF	Wrench, Open End Crowfoot 1/2" Dr. 1"
J5334CF	Wrench, Open End Crowfoot 1/2" Dr. 1-1/16"
J5336CF	Wrench, Open End Crowfoot 1/2" Dr. 1-1/8"
J5338CF	Wrench, Open End Crowfoot 1/2" Dr. 1-3/16"
J5340CF	Wrench, Open End Crowfoot 1/2" Dr. 1-1/4"
J5342CF	Wrench, Open End Crowfoot 1/2" Dr. 1-5/16"
J5344CF	Wrench, Open End Crowfoot 1/2" Dr. 1-3/8"
J5346CF	Wrench, Open End Crowfoot 1/2" Dr. 1-7/16"
J5348CF	Wrench, Open End Crowfoot 1/2" Dr. 1-1/2"
J5350CF	Wrench, Open End Crowfoot 1/2" Dr. 1-9/16"
J5352CF	Wrench, Open End Crowfoot 1/2" Dr. 1-5/8"
J5354CF	Wrench, Open End Crowfoot 1/2" Dr. 1-11/16"
J5356CF	Wrench, Open End Crowfoot 1/2" Dr. 1-3/4"
J5358CF	Wrench, Open End Crowfoot 1/2" Dr. 1-13/16"
J5360CF	Wrench, Open End Crowfoot 1/2" Dr. 1-7/8"
J5364CF	Wrench, Open End Crowfoot 1/2" Dr. 2"
J5368CF	Wrench, Open End Crowfoot 1/2" Dr. 2-1/8"
J5372CF	Wrench, Open End Crowfoot 1/2" Dr. 2-1/4"
J5376CF	Wrench, Open End Crowfoot 1/2" Dr. 2-3/8"

Contents	Description
J5378CF	Wrench, Open End Crowfoot 1/2" Dr. 2-7/16"
J5380CF	Wrench, Open End Crowfoot 1/2" Dr. 2-1/2"
J5336FL	Wrench, Crowfoot 1/2" Dr. 1-1/8"
J5338FL	Wrench, Crowfoot 1/2" Dr. 1-3/16"
J5340FL	Wrench, Crowfoot 1/2" Dr. 1-1/4"
J5342FL	Wrench, Crowfoot 1/2" Dr. 1-5/16"
J5344FL	Wrench, Crowfoot 1/2" Dr. 1-3/8"
J5346FL	Wrench, Crowfoot 1/2" Dr. 1-7/16"
J5348FL	Wrench, Crowfoot 1/2" Dr. 1-1/2"
J5350FL	Wrench, Crowfoot 1/2" Dr. 1-9/16"
J5352FL	Wrench, Crowfoot 1/2" Dr. 1-5/8"
J5354FL	Wrench, Crowfoot 1/2" Dr. 1-11/16"
J5356FL	Wrench, Crowfoot 1/2" Dr. 1-3/4"
J5358FL	Wrench, Crowfoot 1/2" Dr. 1-13/16"
J5360FL	Wrench, Crowfoot 1/2" Dr. 1-7/8"
J5362FL	Wrench, Crowfoot 1/2" Dr. 1-15/16"
J5364FL	Wrench, Crowfoot 1/2" Dr. 2"
J5461L	Extension 1/2" Dr. 5" Black
J5463L	Extension 1/2" Dr. 10" Locking



## SET NO. J53000CF - 1/2" DRIVE 22 PC. CROWFOOT WRENCH SET

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design open end (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Weight: 16.35 lbs.



Product ID No.	Contents	Description
<b>J53000CF</b>	J5330CF	Wrench, Open End Crowfoot 1/2" Dr. 15/16"
	J5332CF	Wrench, Open End Crowfoot 1/2" Dr. 1"
	J5334CF	Wrench, Open End Crowfoot 1/2" Dr. 1-1/16"
	J5336CF	Wrench, Open End Crowfoot 1/2" Dr. 1-1/8"
	J5338CF	Wrench, Open End Crowfoot 1/2" Dr. 1-3/16"
	J5340CF	Wrench, Open End Crowfoot 1/2" Dr. 1-1/4"
	J5342CF	Wrench, Open End Crowfoot 1/2" Dr. 1-5/16"
	J5344CF	Wrench, Open End Crowfoot 1/2" Dr. 1-3/8"
	J5346CF	Wrench, Open End Crowfoot 1/2" Dr. 1-7/16"
	J5348CF	Wrench, Open End Crowfoot 1/2" Dr. 1-1/2"
	J5350CF	Wrench, Open End Crowfoot 1/2" Dr. 1-9/16"
	J5352CF	Wrench, Open End Crowfoot 1/2" Dr. 1-5/8"
	J5354CF	Wrench, Open End Crowfoot 1/2" Dr. 1-11/16"
	J5356CF	Wrench, Open End Crowfoot 1/2" Dr. 1-3/4"
	J5358CF	Wrench, Open End Crowfoot 1/2" Dr. 1-13/16"
	J5360CF	Wrench, Open End Crowfoot 1/2" Dr. 1-7/8"
	J5364CF	Wrench, Open End Crowfoot 1/2" Dr. 2"
	J5368CF	Wrench, Open End Crowfoot 1/2" Dr. 2-1/8"
	J5372CF	Wrench, Open End Crowfoot 1/2" Dr. 2-1/4"
	J5376CF	Wrench, Open End Crowfoot 1/2" Dr. 2-3/8"
	J5378CF	Wrench, Open End Crowfoot 1/2" Dr. 2-7/16"
	J5380CF	Wrench, Open End Crowfoot 1/2" Dr. 2-1/2"

# Sockets, Drive Tools, Accessories



## SET NO. J53001CF - 1/2" DRIVE 15 PC. CROWFOOT WRENCH SET

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design open end (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Weight: 9.88 lbs



### Product

ID No.	Contents	Description
<b>J53001CF</b>	J5334CF	Wrench, Open End Crowfoot 1/2" Dr. 1-1/16"
	J5336CF	Wrench, Open End Crowfoot 1/2" Dr. 1-1/8"
	J5338CF	Wrench, Open End Crowfoot 1/2" Dr. 1-3/16"
	J5340CF	Wrench, Open End Crowfoot 1/2" Dr. 1-1/4"
	J5342CF	Wrench, Open End Crowfoot 1/2" Dr. 1-5/16"
	J5344CF	Wrench, Open End Crowfoot 1/2" Dr. 1-3/8"
	J5346CF	Wrench, Open End Crowfoot 1/2" Dr. 1-7/16"
	J5348CF	Wrench, Open End Crowfoot 1/2" Dr. 1-1/2"
	J5350CF	Wrench, Open End Crowfoot 1/2" Dr. 1-9/16"
	J5352CF	Wrench, Open End Crowfoot 1/2" Dr. 1-5/8"
	J5354CF	Wrench, Open End Crowfoot 1/2" Dr. 1-11/16"
	J5356CF	Wrench, Open End Crowfoot 1/2" Dr. 1-3/4"
	J5358CF	Wrench, Open End Crowfoot 1/2" Dr. 1-13/16"
	J5360CF	Wrench, Open End Crowfoot 1/2" Dr. 1-7/8"
	J5364CF	Wrench, Open End Crowfoot 1/2" Dr. 2"



## SET NO. J53000CFFN - 1/2" DRIVE 15 PC. CROWFOOT FLARE NUT WRENCH SET

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- 12 point flare nut allows for fine indexing, helping to improve speed and access.
- Fits 4, 6 and 12 point fasteners.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Weight: 5.86 lbs.



Product ID No.	Contents	Description
<b>J53000CFFN</b>	J5336FL	Wrench, Crowfoot 1/2" Dr. 1-1/8"
	J5338FL	Wrench, Crowfoot 1/2" Dr. 1-3/16"
	J5340FL	Wrench, Crowfoot 1/2" Dr. 1-1/4"
	J5342FL	Wrench, Crowfoot 1/2" Dr. 1-5/16"
	J5344FL	Wrench, Crowfoot 1/2" Dr. 1-3/8"
	J5346FL	Wrench, Crowfoot 1/2" Dr. 1-7/16"
	J5348FL	Wrench, Crowfoot 1/2" Dr. 1-1/2"
	J5350FL	Wrench, Crowfoot 1/2" Dr. 1-9/16"
	J5352FL	Wrench, Crowfoot 1/2" Dr. 1-5/8"
	J5354FL	Wrench, Crowfoot 1/2" Dr. 1-11/16"
	J5356FL	Wrench, Crowfoot 1/2" Dr. 1-3/4"
	J5358FL	Wrench, Crowfoot 1/2" Dr. 1-13/16"
	J5360FL	Wrench, Crowfoot 1/2" Dr. 1-7/8"
	J5362FL	Wrench, Crowfoot 1/2" Dr. 1-15/16"
	J5364FL	Wrench, Crowfoot 1/2" Dr. 2"




# Sockets, Drive Tools, Accessories



## 1/2" DRIVE OPEN END CROWFOOT WRENCHES

- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design open end (ASD) has patented locking grooves that help prevent the wrench from slipping off the fastener when turning.
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.



Product ID No.	 in.	Length	Weight lbs.	ASME Spec.
J5330CF	15/16"	2-13/16"	0.47 lbs.	ASME B107.21
J5332CF	1"	2-13/16"	0.46 lbs.	ASME B107.21
J5334CF	1-1/16"	2-7/8"	0.51 lbs.	ASME B107.21
J5336CF	1-1/8"	3"	0.54 lbs.	ASME B107.21
J5338CF	1-3/16"	3"	0.58 lbs.	ASME B107.21
J5340CF	1-1/4"	3-5/16"	0.66 lbs.	ASME B107.21
J5342CF	1-5/16"	3-5/16"	0.66 lbs.	ASME B107.21
J5344CF	1-3/8"	3-3/8"	0.72 lbs.	ASME B107.21
J5346CF	1-7/16"	3-3/8"	0.75 lbs.	ASME B107.21
J5348CF	1-1/2"	3-7/16"	0.77 lbs.	ASME B107.21
J5350CF	1-9/16"	3-1/2"	0.80 lbs.	ASME B107.21
J5352CF	1-5/8"	3-1/2"	0.83 lbs.	ASME B107.21
J5354CF	1-11/16"	3-13/16"	0.95 lbs.	ASME B107.21
J5356CF	1-3/4"	3-13/16"	0.98 lbs.	ASME B107.21
J5358CF	1-13/16"	3-7/8"	1.01 lbs.	ASME B107.21
J5360CF	1-7/8"	3-7/8"	1.05 lbs.	ASME B107.21
J5364CF	2"	3-15/16"	1.10 lbs.	ASME B107.21
J5368CF	2-1/8"	4-1/16"	1.09 lbs.	ASME B107.21
J5372CF	2-1/4"	4-3/8"	1.27 lbs.	ASME B107.21
J5376CF	2-3/8"	4-7/16"	1.29 lbs.	ASME B107.21
J5378CF	2-7/16"	4-7/16"	1.28 lbs.	ASME B107.21
J5380CF	2-1/2"	4-1/2"	1.25 lbs.	ASME B107.21






## 1/2" DR. FLARE NUT CROWFOOT WRENCHES

- Designed for speed and safety.
- Special heat-treated alloy steel helps increase strength and durability.
- 12 Point Box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Full polish finish provides corrosion resistance and easy to clean surfaces.



Product ID No.	 in.	Length	Weight lbs.	ASME Spec.
J5336FL	1-1/8"	2-13/16"	0.19 lbs.	ASME B107.21
J5338FL	1-3/16"	2-7/8"	0.19 lbs.	ASME B107.21
J5340FL	1-1/4"	3"	0.19 lbs.	ASME B107.21
J5342FL	1-5/16"	3-1/16"	0.19 lbs.	ASME B107.21
J5344FL	1-3/8"	3-5/16"	0.25 lbs.	ASME B107.21
J5346FL	1-7/16"	3-3/8"	0.25 lbs.	ASME B107.21
J5348FL	1-1/2"	3-7/16"	0.25 lbs.	ASME B107.21
J5350FL	1-9/16"	3-9/16"	0.31 lbs.	ASME B107.21
J5352FL	1-5/8"	3-3/4"	0.31 lbs.	ASME B107.21
J5354FL	1-11/16"	3-13/16"	0.31 lbs.	ASME B107.21
J5356FL	1-3/4"	3-7/8"	0.38 lbs.	ASME B107.21
J5358FL	1-13/16"	4"	0.38 lbs.	ASME B107.21
J5360FL	1-7/8"	4-1/4"	0.45 lbs.	ASME B107.21
J5362FL	1-15/16"	4-5/16"	0.50 lbs.	ASME B107.21
J5364FL	2"	4-7/16"	0.50 lbs.	ASME B107.21

# Sockets, Drive Tools, Accessories



## SET NO. J55106 - 3/4" DRIVE 42 PC. SOCKET SET - 12 & 6 POINT

- Proto® 12 and 6 Point Sockets 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 socket 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 socket, 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: 92.35 lbs



Product ID No.	Contents	Description	ASME Spec.
<b>J55106</b>	J5524	Socket 3/4" Dr. 3/4" 12 pt.	ASME B107.1
	J5526	Socket 3/4" Dr. 13/16" 12 pt.	ASME B107.1
	J5528	Socket 3/4" Dr. 7/8" 12 Pt.	ASME B107.1
	J5530	Socket 3/4" Dr. 15/16" 12 Pt.	ASME B107.1
	J5532	Socket 3/4" Dr. 1" 12 Pt.	ASME B107.1
	J5534	Socket 3/4" Dr. 1-1/16" 12 Pt.	ASME B107.1
	J5536	Socket 3/4" Dr. 1-1/8" 12 Pt.	ASME B107.1
	J5538	Socket 3/4" Dr. 1-3/16" 12 Pt.	ASME B107.1
	J5540	Socket 3/4" Dr. 1-1/4" 12 Pt.	ASME B107.1
	J5542	Socket 3/4" Dr. 1-5/16" 12 Pt.	ASME B107.1
	J5544	Socket 3/4" Dr. 1-3/8" 12 Pt.	ASME B107.1
	J5546	Socket 3/4" Dr. 1-7/16" 12 Pt.	ASME B107.1
	J5548	Socket 3/4" Dr. 1-1/2" 12 Pt.	ASME B107.1
	J5550	Socket 3/4" Dr. 1-9/16" 12 Pt.	ASME B107.1
	J5552	Socket 3/4" Dr. 1-5/8" 12 Pt.	ASME B107.1
	J5554	Socket 3/4" Dr. 1-11/16" 12 Pt.	ASME B107.1
	J5556	Socket 3/4" Dr. 1-3/4" 12 Pt.	ASME B107.1
	J5558	Socket 3/4" Dr. 1-13/16" 12 Pt.	ASME B107.1
	J5560	Socket 3/4" Dr. 1-7/8" 12 Pt.	ASME B107.1
	J5564	Socket 3/4" Dr. 2" 12 Pt.	ASME B107.1
	J5568	Socket 3/4" Dr. 2-1/8" 12 Pt.	ASME B107.1
J5570	Socket 3/4" Dr. 2-3/16" 12 Pt.	ASME B107.1	
J5572	Socket 3/4" Dr. 2-1/4" 12 Pt.	ASME B107.1	
J5576	Socket 3/4" Dr. 2-3/8" 12 Pt.	ASME B107.1	
J5528HL	Socket 3/4" Dr., 6 pt. Deep 7/8"	ASME B107.1	



Product ID No.	Contents	Description	ASME Spec.
J5530HL		Socket 3/4" Dr., 6 pt. Deep 15/16"	ASME B107.1
J5532HL		Socket 3/4" Dr., 6 pt. Deep 1"	ASME B107.1
J5534HL		Socket 3/4" Dr., 6 pt. Deep 1-1/16"	ASME B107.1
J5536HL		Socket 3/4" Dr., 6 pt. Deep 1-1/8"	ASME B107.1
J5540HL		Socket 3/4" Dr., 6 pt. Deep 1-1/4"	ASME B107.1
J5542HL		Socket 3/4" Dr., 6 pt. Deep 1-5/16"	ASME B107.1
J5544HL		Socket 3/4" Dr., 6 pt. Deep 1-3/8"	ASME B107.1
J5546HL		Socket 3/4" Dr., 6 pt. Deep 1-7/16"	ASME B107.1
J5548HL		Socket 3/4" Dr., 8 pt. Deep 1-1/2"	ASME B107.1
J5552HL		Socket 3/4" Dr., 6 pt. Deep 1-5/8"	ASME B107.1
J5649		Ratchet 3/4" Dr.	ASME B107.10M
J5660		Extension 3/4" Dr. 4"	ASME B107.10M
J5661		Extension 3/4" Dr. 8"	ASME B107.10M
J5663		Extension 3/4" Dr. 16"	ASME B107.10M
J5668		Handle, Hinge 3/4" Dr. 20"	ASME B107.10M
J5670		Universal Joint 3/4" Dr.	ASME B107.10M
J5685		Sliding T Handle 3/4" Dr.	ASME B107.10M
J5697		Tool Box	

# Sockets, Drive Tools, Accessories



## SET NO. J55104 - 3/4" DRIVE 29 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 69.40 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J55104</b>	J5528	Socket 3/4" Dr. 7/8" 12 Pt.	ASME B107.1
	J5530	Socket 3/4" Dr. 15/16" 12 Pt.	ASME B107.1
	J5532	Socket 3/4" Dr. 1" 12 Pt.	ASME B107.1
	J5534	Socket 3/4" Dr. 1-1/16" 12 Pt.	ASME B107.1
	J5536	Socket 3/4" Dr. 1-1/8" 12 Pt.	ASME B107.1
	J5538	Socket 3/4" Dr. 1-3/16" 12 Pt.	ASME B107.1
	J5540	Socket 3/4" Dr. 1-1/4" 12 Pt.	ASME B107.1
	J5542	Socket 3/4" Dr. 1-5/16" 12 Pt.	ASME B107.1
	J5544	Socket 3/4" Dr. 1-3/8" 12 Pt.	ASME B107.1
	J5546	Socket 3/4" Dr. 1-7/16" 12 Pt.	ASME B107.1
	J5548	Socket 3/4" Dr. 1-1/2" 12 Pt.	ASME B107.1
	J5550	Socket 3/4" Dr. 1-9/16" 12 Pt.	ASME B107.1
	J5552	Socket 3/4" Dr. 1-5/8" 12 Pt.	ASME B107.1
	J5554	Socket 3/4" Dr. 1-11/16" 12 Pt.	ASME B107.1
	J5556	Socket 3/4" Dr. 1-3/4" 12 Pt.	ASME B107.1
	J5558	Socket 3/4" Dr. 1-13/16" 12 Pt.	ASME B107.1
	J5560	Socket 3/4" Dr. 1-7/8" 12 Pt.	ASME B107.1
	J5564	Socket 3/4" Dr. 2" 12 Pt.	ASME B107.1
	J5568	Socket 3/4" Dr. 2-1/8" 12 Pt.	ASME B107.1
	J5570	Socket 3/4" Dr. 2-3/16" 12 Pt.	ASME B107.1
	J5572	Socket 3/4" Dr. 2-1/4" 12 Pt.	ASME B107.1
	J5576	Socket 3/4" Dr. 2-3/8" 12 Pt.	ASME B107.1
	J5649	Ratchet 3/4" Dr.	ASME B107.10M
	J5660	Extension 3/4" Dr. 4"	ASME B107.10M
	J5661	Extension 3/4" Dr. 8"	ASME B107.10M
	J5663	Extension 3/4" Dr. 16"	ASME B107.10M
	J5668	Handle, Hinge 3/4" Dr. 20"	ASME B107.10M
	J5670	Universal Joint 3/4" Dr.	ASME B107.10M
	J5685	Sliding T Handle 3/4" Dr.	ASME B107.10M
	J5696	Tool Box	



## SET NO. J55102 - 3/4" DRIVE 20 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 57.12 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J55102</b>	J5528	Socket 3/4" Dr. 7/8" 12 Pt.	ASME B107.1
	J5530	Socket 3/4" Dr. 15/16" 12 Pt.	ASME B107.1
	J5532	Socket 3/4" Dr. 1" 12 Pt.	ASME B107.1
	J5534	Socket 3/4" Dr. 1-1/16" 12 Pt.	ASME B107.1
	J5536	Socket 3/4" Dr. 1-1/8" 12 Pt.	ASME B107.1
	J5540	Socket 3/4" Dr. 1-1/4" 12 Pt.	ASME B107.1
	J5542	Socket 3/4" Dr. 1-5/16" 12 Pt.	ASME B107.1
	J5544	Socket 3/4" Dr. 1-3/8" 12 Pt.	ASME B107.1
	J5546	Socket 3/4" Dr. 1-7/16" 12 Pt.	ASME B107.1
	J5548	Socket 3/4" Dr. 1-1/2" 12 Pt.	ASME B107.1
	J5552	Socket 3/4" Dr. 1-5/8" 12 Pt.	ASME B107.1
	J5556	Socket 3/4" Dr. 1-3/4" 12 Pt.	ASME B107.1
	J5558	Socket 3/4" Dr. 1-13/16" 12 Pt.	ASME B107.1
	J5560	Socket 3/4" Dr. 1-7/8" 12 Pt.	ASME B107.1
	J5564	Socket 3/4" Dr. 2" 12 Pt.	ASME B107.1
	J5649	Ratchet 3/4" Dr.	ASME B107.10M
	J5661	Extension 3/4" Dr. 8"	ASME B107.10M
	J5663	Extension 3/4" Dr. 16"	ASME B107.10M
	J5668	Handle, Hinge 3/4" Dr. 20"	ASME B107.10M
	J5685	Sliding T Handle 3/4" Dr.	ASME B107.10M
	J5696	Tool Box	



# Sockets, Drive Tools, Accessories



## SET NO. J55100 - 3/4" DRIVE 13 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 27.97 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J55100</b>	J5528	Socket 3/4" Dr. 7/8" 12 Pt.	ASME B107.1
	J5530	Socket 3/4" Dr. 15/16" 12 Pt.	ASME B107.1
	J5532	Socket 3/4" Dr. 1" 12 Pt.	ASME B107.1
	J5534	Socket 3/4" Dr. 1-1/16" 12 Pt.	ASME B107.1
	J5536	Socket 3/4" Dr. 1-1/8" 12 Pt.	ASME B107.1
	J5538	Socket 3/4" Dr. 1-3/16" 12 Pt.	ASME B107.1
	J5540	Socket 3/4" Dr. 1-1/4" 12 Pt.	ASME B107.1
	J5542	Socket 3/4" Dr. 1-5/16" 12 Pt.	ASME B107.1
	J5544	Socket 3/4" Dr. 1-3/8" 12 Pt.	ASME B107.1
	J5546	Socket 3/4" Dr. 1-7/16" 12 Pt.	ASME B107.1
	J5548	Socket 3/4" Dr. 1-1/2" 12 Pt.	ASME B107.1
	J5649	Ratchet 3/4" Dr.	ASME B107.10M
	J5661	Extension 3/4" Dr. 8"	ASME B107.10M
J5694	Tool Box		



## SET NO. J55202 - 3/4" DRIVE 28 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 67.48 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J55202</b>	J5521M	Socket 3/4" Dr. 21 mm 12 Pt.	ASME B107.5M
	J5522M	Socket 3/4" Dr. 22 mm 12 Pt.	ASME B107.5M
	J5523M	Socket 3/4" Dr. 23 mm 12 Pt.	ASME B107.5M
	J5524M	Socket 3/4" Dr. 24 mm 12 Pt.	ASME B107.5M
	J5525M	Socket 3/4" Dr. 25 mm 12 Pt.	ASME B107.5M
	J5526M	Socket 3/4" Dr. 26 mm 12 Pt.	ASME B107.5M
	J5527M	Socket 3/4" Dr. 27 mm 12 Pt.	ASME B107.5M
	J5528M	Socket 3/4" Dr. 28 mm 12 Pt.	ASME B107.5M
	J5529M	Socket 3/4" Dr. 29 mm 12 Pt.	ASME B107.5M
	J5530M	Socket 3/4" Dr. 30 mm 12 Pt.	ASME B107.5M
	J5532M	Socket 3/4" Dr. 32 mm 12 Pt.	ASME B107.5M
	J5535M	Socket 3/4" Dr. 35 mm 12 Pt.	ASME B107.5M
	J5536M	Socket 3/4" Dr. 36 mm 12 Pt.	ASME B107.5M
	J5538M	Socket 3/4" Dr. 38 mm 12 Pt.	ASME B107.5M
	J5541M	Socket 3/4" Dr. 41 mm 12 Pt.	ASME B107.5M
	J5542M	Socket 3/4" Dr. 42 mm 12 Pt.	ASME B107.5M
	J5546M	Socket 3/4" Dr. 46 mm 12 Pt.	ASME B107.5M
	J5550M	Socket 3/4" Dr. 50 mm 12 Pt.	ASME B107.5M
	J5554M	Socket 3/4" Dr. 54 mm 12 Pt.	ASME B107.5M
	J5555M	Socket 3/4" Dr. 55 mm 12 Pt.	ASME B107.5M
	J5558M	Socket 3/4" Dr. 58 mm 12 Pt.	ASME B107.5M
	J5560M	Socket 3/4" Dr. 60 mm 12 Pt.	ASME B107.5M
	J5649	Ratchet 3/4" Dr.	ASME B107.10M
	J5660	Extension 3/4" Dr. 4"	ASME B107.10M
	J5661	Extension 3/4" Dr. 8"	ASME B107.10M
	J5668	Handle, Hinge 3/4" Dr. 20"	ASME B107.10M
	J5670	Universal Joint 3/4" Dr.	ASME B107.10M
	J5685	Sliding T Handle 3/4" Dr.	ASME B107.10M
	J5696	Tool Box	

# Sockets, Drive Tools, Accessories



## SET NO. J55200 - 3/4" DRIVE 19 PC. METRIC SOCKET SET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 39.6 lbs.



Product ID No.	Contents	Description	ASME Spec.
<b>J55200</b>	J5524M	Socket 3/4" Dr. 24 mm 12 Pt.	ASME B107.5M
	J5525M	Socket 3/4" Dr. 25 mm 12 Pt.	ASME B107.5M
	J5526M	Socket 3/4" Dr. 26 mm 12 Pt.	ASME B107.5M
	J5527M	Socket 3/4" Dr. 27 mm 12 Pt.	ASME B107.5M
	J5528M	Socket 3/4" Dr. 28 mm 12 Pt.	ASME B107.5M
	J5529M	Socket 3/4" Dr. 29 mm 12 Pt.	ASME B107.5M
	J5530M	Socket 3/4" Dr. 30 mm 12 Pt.	ASME B107.5M
	J5531M	Socket 3/4" Dr. 31 mm 12 Pt.	ASME B107.5M
	J5532M	Socket 3/4" Dr. 32 mm 12 Pt.	ASME B107.5M
	J5535M	Socket 3/4" Dr. 35 mm 12 Pt.	ASME B107.5M
	J5536M	Socket 3/4" Dr. 36 mm 12 Pt.	ASME B107.5M
	J5538M	Socket 3/4" Dr. 38 mm 12 Pt.	ASME B107.5M
	J5541M	Socket 3/4" Dr. 41 mm 12 Pt.	ASME B107.5M
	J5542M	Socket 3/4" Dr. 42 mm 12 Pt.	ASME B107.5M
	J5546M	Socket 3/4" Dr. 46 mm 12 Pt.	ASME B107.5M
	J5649	Ratchet 3/4" Dr.	ASME B107.10M
	J5661	Extension 3/4" Dr. 8"	ASME B107.10M
	J5663	Extension 3/4" Dr. 16"	ASME B107.10M
	J5668	Handle, Hinge 3/4" Dr. 20"	ASME B107.10M
J5695	Tool Box		



## 3/4" DRIVE STANDARD LENGTH SOCKETS - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.
J5524	3/4"	1-5/16"	1-5/16"	19/32"	1-1/16"	2"	0.35 lbs.	ASME B107.1
J5526	13/16"	1-5/16"	1-5/16"	21/32"	1-1/16"	2"	0.36 lbs.	ASME B107.1
J5528	7/8"	1-5/16"	1-5/16"	45/64"	1-1/16"	2"	0.46 lbs.	ASME B107.1
J5530	15/16"	1-7/16"	1-7/16"	3/4"	1-1/16"	2"	0.51 lbs.	ASME B107.1
J5532	1"	1-1/2"	1-1/2"	3/4"	1-1/16"	2"	0.56 lbs.	ASME B107.1
J5534	1-1/16"	1-37/64"	1-37/64"	3/4"	1-1/16"	2"	0.61 lbs.	ASME B107.1
J5536	1-1/8"	1-37/64"	1-15/32"	25/32"	1"	2-7/32"	0.72 lbs.	ASME B107.1
J5538	1-3/16"	1-37/64"	1-15/32"	25/32"	1"	2-7/32"	0.61 lbs.	ASME B107.1
J5540	1-1/4"	1-13/16"	1-19/32"	13/16"	1-5/32"	2-15/64"	0.87 lbs.	ASME B107.1
J5542	1-5/16"	1-7/8"	1-19/32"	27/32"	1-5/32"	2-9/32"	0.89 lbs.	ASME B107.1
J5544	1-3/8"	1-7/8"	1-5/8"	29/32"	1-5/32"	2-9/32"	0.84 lbs.	ASME B107.1
J5546	1-7/16"	2-3/64"	1-5/8"	61/64"	1-1/4"	2-13/32"	1.07 lbs.	ASME B107.1
J5548	1-1/2"	2-3/64"	1-5/8"	1"	1-1/4"	2-13/32"	0.94 lbs.	ASME B107.1
J5550	1-9/16"	2-3/16"	1-23/32"	1-3/64"	1-15/16"	2-5/8"	0.97 lbs.	ASME B107.1
J5552	1-5/8"	2-15/64"	1-3/4"	1-7/64"	1-15/16"	2-5/8"	1.03 lbs.	ASME B107.1
J5554	1-11/16"	2-3/8"	1-3/4"	1-5/32"	1-15/32"	2-3/4"	1.14 lbs.	ASME B107.1
J5556	1-3/4"	2-3/8"	1-3/4"	1-13/64"	1-15/32"	2-3/4"	1.30 lbs.	ASME B107.1
J5558	1-13/16"	2-9/16"	1-3/4"	1-1/4"	1-39/64"	2-29/32"	1.41 lbs.	ASME B107.1
J5560	1-7/8"	2-9/16"	1-3/4"	1-19/64"	1-39/64"	2-31/32"	1.55 lbs.	ASME B107.1
J5562	1-15/16"	2-9/16"	2"	1-3/4"	1-3/4"	3"	1.59 lbs.	ASME B107.1
J5564	2"	2-47/64"	2"	1-3/4"	1-3/4"	3-7/64"	1.59 lbs.	ASME B107.1
J5566	2-1/16"	2-49/64"	2-1/32"	1-3/4"	1-3/4"	3-5/32"	1.60 lbs.	ASME B107.1
J5568	2-1/8"	2-61/64"	2-3/32"	1-13/16"	1-13/16"	3-9/32"	1.64 lbs.	ASME B107.1
J5570	2-3/16"	2-61/64"	2-3/32"	1-13/16"	2-5/32"	3-9/32"	1.90 lbs.	ASME B107.1
J5572	2-1/4"	3-17/64"	2-3/32"	1-61/64"	2-3/16"	3-13/32"	1.91 lbs.	ASME B107.1
J5576	2-3/8"	3-17/64"	2-29/64"	2-1/8"	2-3/16"	3-43/64"	2.28 lbs.	ASME B107.1



# Sockets, Drive Tools, Accessories



## 3/4" DRIVE METRIC STANDARD LENGTH SOCKET - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.
J5519M	19	28.5	33	14.3	26.2	50.8	.36	ASME B107.5M
J5520M	20	30.2	33	14.3	26.2	50.8	.37	ASME B107.5M
J5521M	21	32.2	33	14.3	26.2	50.8	.40	ASME B107.5M
J5522M	22	33.3	33	14.3	26.2	50.8	.41	ASME B107.5M
J5523M	23	35.7	35.7	14.3	26.2	50.8	.52	ASME B107.5M
J5524M	24	36.4	36.4	14.3	26.2	50.8	.41	ASME B107.5M
J5525M	25	37.6	37.6	15.9	26.2	50.8	.60	ASME B107.5M
J5526M	26	38.1	38.1	15.9	26.2	50.8	.59	ASME B107.5M
J5527M	27	39.3	39.3	17.4	26.2	50.8	.62	ASME B107.5M
J5528M	28	40.3	37.8	19.1	34.2	56.4	.64	ASME B107.5M
J5529M	29	40.6	37.8	19.5	38.7	56.4	.65	ASME B107.5M
J5530M	30	40.6	37.8	19.5	38.7	56.4	.63	ASME B107.5M
J5531M	31	43.9	43.9	20.5	38.7	56.4	.72	ASME B107.5M
J5532M	32	45.4	37.8	20.5	38.7	56.4	.78	ASME B107.5M
J5533M	33	48.2	40.6	30.4	33.0	58.4	.85	ASME B107.5M
J5534M	34	48.2	40.6	30.4	33.0	58.4	.85	ASME B107.5M
J5535M	35	47.3	40.6	29.2	33.3	57.9	.87	ASME B107.5M
J5536M	36	52.1	40.6	31.5	36.6	61.2	1.09	ASME B107.5M
J5538M	38	52.1	40.6	31.4	45.4	61.2	1.04	ASME B107.5M
J5540M	40	53.3	43.6	38.1	40.6	63.5	1.00	ASME B107.5M
J5541M	41	56.8	43.6	32.7	41.4	66.2	1.06	ASME B107.5M
J5542M	42	59.9	43.6	37.3	44.4	69.0	1.06	ASME B107.5M
J5543M	43	58.4	40.6	38.1	40.6	66.0	1.21	ASME B107.5M
J5546M	46	65.3	45.2	40.8	40.8	75.4	1.45	ASME B107.5M
J5550M	50	70.1	51.6	44.2	44.2	80.2	2.39	ASME B107.5M
J5554M	54	74.8	53.1	35.1	52.6	83.3	1.97	ASME B107.5M
J5555M	55	74.8	53.1	46.2	46.2	83.3	2.64	ASME B107.5M
J5558M	58	79.6	53.1	49.5	49.5	86.6	2.99	ASME B107.5M
J5560M	60	82.8	64.2	53.8	53.8	92.9	2.27	ASME B107.5M




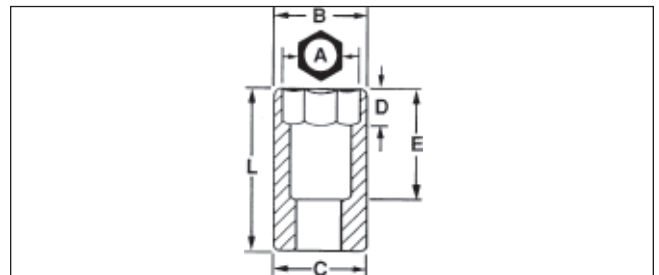


## 3/4" DRIVE DEEP LENGTH SOCKETS - 6 POINT

- Proto® 6 Point Sockets 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 socket 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 socket, 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.



Product ID No.	 in.	B	C	D	E	L	Weight lbs.	ASME Spec.
J5528HL	7/8"	1-3/8"	1-3/8"	9/16"	2-9/16"	3-1/2"	.91	ASME B107.1
J5530HL	15/16"	1-7/16"	1-7/16"	9/16"	2-9/16"	3-1/2"	.80	ASME B107.1
J5532HL	1"	1-1/2"	1-1/2"	5/8"	2-9/16"	3-1/2"	1.11	ASME B107.1
J5534HL	1-1/16"	1-9/16"	1-7/16"	11/16"	2-9/16"	3-1/2"	.97	ASME B107.1
J5536HL	1-1/8"	1-19/32"	1-1/2"	25/32"	2-3/8"	3-1/2"	1.12	ASME B107.1
J5540HL	1-1/4"	1-13/16"	1-21/32"	13/16"	2-11/32"	3-1/2"	1.28	ASME B107.1
J5542HL	1-5/16"	1-55/64"	1-21/32"	27/32"	2-19/64"	3-1/2"	1.32	ASME B107.1
J5544HL	1-3/8"	1-55/64"	1-21/32"	29/32"	2-9/32"	3-1/2"	1.64	ASME B107.1
J5546HL	1-7/16"	2-1/16"	1-21/32"	61/64"	2-1/4"	3-1/2"	1.65	ASME B107.1
J5548HL	1-1/2"	2-1/16"	1-1/32"	1"	2-1/4"	3-1/2"	1.65	ASME B107.1
J5552HL	1-5/8"	2-1/4"	1-3/4"	1-7/64"	2-13/64"	3-1/2"	1.52	ASME B107.1




# Sockets, Drive Tools, Accessories



## 3/4" DRIVE STANDARD DEPTH SPLINE SOCKETS

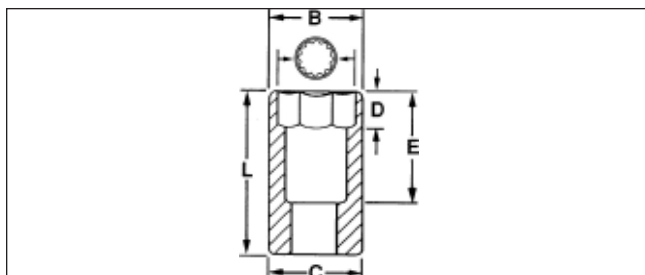
- Spline sockets help tighten high strength bolts to high torque loads. They help lower the force required to turn standard fasteners by allowing the torque load to be moved away from the corners to help prevent fastener rounding. They also turn fasteners with damaged corners.
- Spline sockets on spline fasteners help deliver twice the torque of 12 pt. wrenches on double box fasteners, and more torque than hex wrenches on hex fasteners.
- Spline helps reduce foreign object debris (FOD) by having a precise fit between the fastening tool and its fastener.



Product ID No.	Spline Size	 in.	B	C	D	E	L	Weight lbs.
J5524SPL	# 24	3/4	1-3/64"	1-3/8"	5/8"	9/16"	1-5/8"	0.30
J5526SPL	# 26	13/16	1-3/16"	1-3/8"	5/8"	9/16"	1-5/8"	0.36
J5528SPL	# 28	7/8	1-5/16"	1-3/8"	3/4"	11/16"	1-11/16"	0.33
J5530SPL	# 30	15/16	1-3/8"	1-3/8"	3/4"	3/4"	1-7/8"	0.36
J5532SPL	# 32	1	1-7/16"	1-7/16"	13/16"	1-1/8"	1-15/16"	0.45
J5534SPL	# 34	1-1/16	1-1/2"	1-1/2"	7/8"	1-3/32"	1-31/32"	0.53

## 3/4" DRIVE UNIVERSAL JOINT

Product ID No.	Overall Length	Weight lbs.	Width	ASME Spec.
J5670	4"	1.03 lbs.	1-1/2"	ASME B107.10M



## 3/4" DRIVE PEAR HEAD RATCHET - FEMALE DRIVE

- Unique 24 tooth gear design provides 15° ratcheting angle while maximizing torque.
- Thin head desing for access into tight work spaces.
- Reversing lever designed for quick one handed operation.

Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5649FW</b>	20"	5.62 lbs.	<b>J5649FWRK</b>	ASME B107.10M



## 3/4" DRIVE STANDARD LENGTH PEAR HEAD RATCHET

- Unique 24 tooth gear design provides 15° ratcheting angle while maximizing ultimate torque.
- Thin head design for access into tight work areas.
- Reversing level designed for quick, one hand operations.

Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5649</b>	20"	6 lbs.	<b>J5649RK</b>	ASME B107.10M



## 3/4" DRIVE STANDARD LENGTH PEAR HEAD RATCHET - PROTOBLACK™

- Black oxide finish.
- Unique 24 tooth gear design provides 15° ratcheting angle while maximizing ultimate torque.
- Thin head design for access into tight work areas.
- Reversing lever designed for quick, one hand operations.

Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
<b>J5649BL</b>	20"	6 lbs.	<b>J5649RK</b>	ASME B107.10M



## 3/4" DRIVE ELL HANDLE

Product ID No.	Overall Length	Weight lbs.
<b>J5686</b>	16"	3.963 lbs.





## 3/4" DRIVE HINGE HANDLE

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5668</b>	20"	4.32 lbs.	ASME B107.10M



## 3/4 " DRIVE HINGE HANDLE - PROTOBLACK™

- Black oxide finish

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5668BL</b>	20"	4.41 lbs.	ASME B107.10M



## 3/4" DRIVE SLIDING TEE HANDLE

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5685</b>	20"	2.95 lbs.	ASME B107.10M




## 3/4" DRIVE STANDARD DRIVE EXTENSION

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5660</b>	4"	0.88 lbs.	ASME B107.10M
<b>J5661</b>	8"	1.8 lbs.	ASME B107.10M
<b>J5663</b>	16"	2.36 lbs.	ASME B107.10M



## 3/4" DRIVE ADAPTERS

Product ID No.		Overall Length	Weight lbs.	ASME Spec.
<b>J5653</b>	1/2" F x 3/4" M	1-11/16"	0.24 lbs.	ASME B107.10M
<b>J5453</b>	3/4" F x 1/2" M	1-7/8"	0.28 lbs.	ASME B107.10M
<b>J5853</b>	3/4" F x 1" M	2-1/2"	0.82 lbs.	ASME B107.10M
<b>J5854</b>	1" F x 3/4" M	2-7/8"	1.27 lbs.	ASME B107.10M



## 3/4" DRIVE RATCHET ADAPTERS

- Converts standard handles to ratcheting handles

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5647</b>	3-3/4"	2.38 lbs.	ASME B107.10M





# Sockets, Drive Tools, Accessories



## SET NO. J57104 - 1" DRIVE 29 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 149 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J57104</b>	J5734	Socket 1" Dr. 1-1/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5736	Socket 1" Dr. 1-1/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5738	Socket 1" Dr. 1-3/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5740	Socket 1" Dr. 1-1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5742	Socket 1" Dr. 1-5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5744	Socket 1" Dr. 1-3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5746	Socket 1" Dr. 1-7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5748	Socket 1" Dr. 1-1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5752	Socket 1" Dr. 1-5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5758	Socket 1" Dr. 1-13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5760	Socket 1" Dr. 1-7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5764	Socket 1" Dr. 2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5770	Socket 1" Dr. 2-3/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5772	Socket 1" Dr. 2-1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5776	Socket 1" Dr. 2-3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5780	Socket 1" Dr. 2-1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5782	Socket 1" Dr. 2-9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5784	Socket 1" Dr. 2-5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5788	Socket 1" Dr. 2-3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5794	Socket 1" Dr. 2-15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5796	Socket 1" Dr. 3" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5800	Socket 1" Dr. 3-1/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5812	Socket 1" Dr. 3-1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5849	Ratchet 1" Dr.	ASME B107.10M	
	J5861	Extension 8", 1" Dr.	ASME B107.10M	AS 4283
	J5863	Extension 17", 1" Dr.	ASME B107.10M	AS 4283
	J5868	Hinge Handle 27", 1" Dr.	ASME B107.10M	AS 4283
	J5884	Sliding T Bar Handle 28-1/2", 1" Dr.	ASME B107.10M	
	J5885	Sliding Drive Plug 1" Dr.	ASME B107.10M	
J5896	Metal Box			



## SET NO. J57102 - 1" DRIVE 22 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 140.20 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J57102</b>	J5748	Socket 1" Dr. 1-1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5752	Socket 1" Dr. 1-5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5758	Socket 1" Dr. 1-13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5760	Socket 1" Dr. 1-7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5764	Socket 1" Dr. 2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5770	Socket 1" Dr. 2-3/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5772	Socket 1" Dr. 2-1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5776	Socket 1" Dr. 2-3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5780	Socket 1" Dr. 2-1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5782	Socket 1" Dr. 2-9/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5784	Socket 1" Dr. 2-5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5788	Socket 1" Dr. 2-3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5794	Socket 1" Dr. 2-15/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5796	Socket 1" Dr. 3" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5800	Socket 1" Dr. 3-1/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5812	Socket 1" Dr. 3-1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5849	Ratchet 1" Dr.	ASME B107.10M	
	J5861	Extension 8", 1" Dr.	ASME B107.10M	AS 4283
	J5863	Extension 17", 1" Dr.	ASME B107.10M	AS 4283
	J5868	Hinge Handle 27", 1" Dr.	ASME B107.10M	AS 4283
	J5884	Sliding T Bar Handle 28-1/2", 1" Dr.	ASME B107.10M	
	J5885	Sliding Drive Plug 1" Dr.	ASME B107.10M	
	J5896	Metal Box		

# Sockets, Drive Tools, Accessories



## SET NO. J57100 - 1" DRIVE 17 PC. SOCKET SET - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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: 71.17 lbs.



Product ID No.	Contents	Description	ASME Spec.	AS Spec.
<b>J57100</b>	J5734	Socket 1" Dr. 1-1/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5736	Socket 1" Dr. 1-1/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5738	Socket 1" Dr. 1-3/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5740	Socket 1" Dr. 1-1/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5742	Socket 1" Dr. 1-5/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5744	Socket 1" Dr. 1-3/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5746	Socket 1" Dr. 1-7/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5748	Socket 1" Dr. 1-1/2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5752	Socket 1" Dr. 1-5/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5754	Socket 1" Dr. 1-11/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5756	Socket 1" Dr. 1-3/4" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5758	Socket 1" Dr. 1-13/16" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5760	Socket 1" Dr. 1-7/8" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5764	Socket 1" Dr. 2" 12 Pt.	ASME B107.1	AS954E S3.8.1
	J5849	Ratchet 1" Dr.	ASME B107.10M	
	J5861	Extension 8", 1" Dr.	ASME B107.10M	AS 4283
	J5868	Hinge Handle 27", 1" Dr.	ASME B107.10M	AS 4283
	J5894	Metal Box		



## 1" DRIVE STANDARD LENGTH SOCKETS - 12 POINT

- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	in.	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5734	1-1/16"	1-41/64"	1-29/32"	3/4"	1"	2-7/16"	0.96 lbs.	ASME B107.1	AS954E S3.8.1
J5736	1-1/8"	1-41/64"	1-29/32"	3/4"	1"	2-7/16"	0.91 lbs.	ASME B107.1	AS954E S3.8.1
J5738	1-3/16"	1-45/64"	1-29/32"	7/8"	1-1/8"	2-7/16"	0.91 lbs.	ASME B107.1	AS954E S3.8.1
J5740	1-1/4"	1-29/32"	1-29/32"	7/8"	1-1/8"	2-1/2"	0.82 lbs.	ASME B107.1	AS954E S3.8.1
J5742	1-5/16"	2-1/32"	2-1/32"	7/8"	1-5/32"	2-21/32"	1.39 lbs.	ASME B107.1	AS954E S3.8.1
J5744	1-3/8"	2-1/32"	2-1/32"	1"	1-1/4"	2-21/32"	0.90 lbs.	ASME B107.1	AS954E S3.8.1
J5746	1-7/16"	2-1/4"	2-1/32"	1"	1-19/64"	2-3/4"	0.92 lbs.	ASME B107.1	AS954E S3.8.1
J5748	1-1/2"	2-1/4"	2-1/32"	1"	1-19/64"	2-3/4"	1.53 lbs.	ASME B107.1	AS954E S3.8.1
J5752	1-5/8"	2-3/8"	2-5/32"	1"	1-7/8"	3-1/4"	1.18 lbs.	ASME B107.1	AS954E S3.8.1
J5754	1-11/16"	2-3/8"	2-5/32"	1"	1-7/8"	3-1/4"	1.89 lbs.	ASME B107.1	AS954E S3.8.1
J5756	1-3/4"	2-3/8"	2-5/32"	1"	1-25/32"	3-1/4"	2.07 lbs.	ASME B107.1	AS954E S3.8.1
J5758	1-13/16"	2-1/2"	2-5/32"	1-1/8"	1-7/8"	3-5/16"	2.03 lbs.	ASME B107.1	AS954E S3.8.1
J5760	1-7/8"	2-11/16"	2-13/32"	1-1/4"	1-61/64"	3-5/16"	2.10 lbs.	ASME B107.1	AS954E S3.8.1
J5764	2"	2-11/16"	2-13/32"	1-3/8"	1-61/64"	3-7/16"	2.37 lbs.	ASME B107.1	AS954E S3.8.1
J5766	2-1/16"	2-11/16"	2-13/32"	1-3/8"	1-61/64"	3-1/2"	2.69 lbs.	ASME B107.1	AS954E S3.8.1
J5768	2-1/8"	2-15/16"	2-13/32"	1-3/8"	2-1/16"	3-5/8"	2.96 lbs.	ASME B107.1	AS954E S3.8.1
J5770	2-3/16"	3-5/64"	2-13/32"	1-3/8"	2-5/32"	3-3/4"	3.03 lbs.	ASME B107.1	AS954E S3.8.1
J5772	2-1/4"	3-5/64"	2-13/32"	1-1/2"	2-1/4"	3-13/16"	3.23 lbs.	ASME B107.1	AS954E S3.8.1
J5774	2-5/16"	3-1/4"	2-13/32"	1-14/16"	2-1/8"	3-17/64"	3.08 lbs.	ASME B107.1	AS954E S3.8.1
J5776	2-3/8"	3-17/64"	2-13/32"	1-1/2"	2-11/32"	4"	3.08 lbs.	ASME B107.1	AS954E S3.8.1
J5778	2-7/16"	3-17/64"	2-13/32"	1-11/16"	2-11/32"	3-13/32"	3.20 lbs.	ASME B107.1	AS954E S3.8.1
J5780	2-1/2"	3-37/64"	2-21/32"	1-5/8"	2-27/64"	4-1/8"	3.33 lbs.	ASME B107.1	AS954E S3.8.1
J5782	2-9/16"	3-37/64"	2-21/32"	1-5/8"	2-27/64"	4-1/8"	3.22 lbs.	ASME B107.1	AS954E S3.8.1
J5784	2-5/8"	3-37/64"	2-21/32"	2-3/8"	2-3/8"	4-1/8"	3.70 lbs.	ASME B107.1	AS954E S3.8.1
J5788	2-3/4"	1-13/16"	2-21/32"	1-3/4"	2-21/32"	4-7/16"	4.82 lbs.	ASME B107.1	AS954E S3.8.1
J5794	2-15/16"	4-9/64"	3-5/32"	1-7/8"	2-27/32"	4-11/16"	5.05 lbs.	ASME B107.1	AS954E S3.8.1
J5796	3"	4-9/64"	3-5/32"	1-53/64"	3-1/32"	4-11/16"	5.61 lbs.	ASME B107.1	AS954E S3.8.1
J5800	3-1/8"	4-3/8"	3-5/32"	2"	3-1/32"	4-15/16"	5.95 lbs.	ASME B107.1	AS954E S3.8.1
J5812	3-1/2"	4-11/16"	3-5/32"	2-1/4"	3-1/8"	5-1/8"	9.11 lbs.	ASME B107.1	AS954E S3.8.1



# Sockets, Drive Tools, Accessories



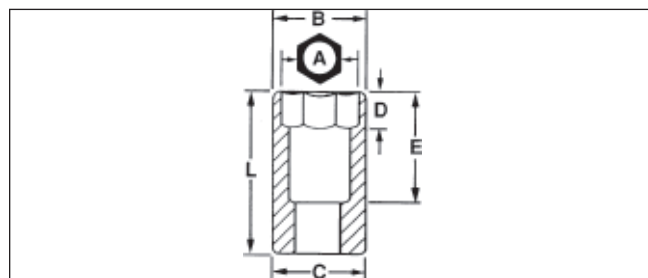
## 1" DRIVE METRIC STANDARD LENGTH SOCKETS - 12 POINT

**M**ETRIC

- Proto® 12 Point Sockets 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 socket 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 socket, 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.



Product ID No.	mm	B	C	D	E	L	Weight lbs.	ASME Spec.	AS Spec.
J5735MT	35	50.8	50.8	30.2	50.8	63.5	0.93 lbs.	ASME B107.5M	AS954E S3.8.1
J5736MT	36	50.8	50.8	32.8	50.8	63.5	0.98 lbs.	ASME B107.5M	AS954E S3.8.1
J5738MT	38	53.6	53.6	34.6	53.6	66.2	1.05 lbs.	ASME B107.5M	AS954E S3.8.1
J5741MT	41	58.4	58.4	36.8	58.4	68.3	1.20 lbs.	ASME B107.5M	AS954E S3.8.1
J5746MT	46	65.1	65.1	38.1	65.1	69.2	1.81 lbs.	ASME B107.5M	AS954E S3.8.1
J5750MT	50	65.1	65.1	42.6	65.1	76.2	2.38 lbs.	ASME B107.5M	AS954E S3.8.1
J5754MT	54	76.2	76.2	41.1	76.2	78.6	2.63 lbs.	ASME B107.5M	AS954E S3.8.1
J5755MT	55	76.2	76.2	48.1	76.2	81.0	2.79 lbs.	ASME B107.5M	AS954E S3.8.1
J5758MT	58	81.8	81.8	48.1	81.8	81.0	3.12 lbs.	ASME B107.5M	AS954E S3.8.1
J5760MT	60	84.1	84.1	48.6	84.1	86.1	3.22 lbs.	ASME B107.5M	AS954E S3.8.1
J5763MT	63	86.1	86.1	49.8	86.1	86.1	3.28 lbs.	ASME B107.5M	AS954E S3.8.1
J5765MT	65	86.1	86.1	50.6	86.1	88.9	3.27 lbs.	ASME B107.5M	AS954E S3.8.1
J5770MT	70	94.5	94.5	57.2	94.5	96.8	4.81 lbs.	ASME B107.5M	AS954E S3.8.1
J5771MT	71	98.8	98.8	59.1	98.8	96.8	4.99 lbs.	ASME B107.5M	AS954E S3.8.1
J5774MT	74	101.6	101.6	59.8	101.6	98.8	5.28 lbs.	ASME B107.5M	AS954E S3.8.1
J5775MT	75	101.6	101.6	59.6	101.6	101.6	5.10 lbs.	ASME B107.5M	AS954E S3.8.1
J5777MT	77	106.2	106.2	67.1	106.2	106.2	5.10 lbs.	ASME B107.5M	AS954E S3.8.1
J5780MT	80	106.2	106.2	66.2	106.2	106.2	5.82 lbs.	ASME B107.5M	AS954E S3.8.1



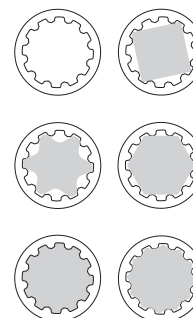


## 1" DRIVE STANDARD DEPTH SPLINE SOCKETS

- Proto® Spline tools are designed to service high tensile strength fasteners used widely on military and commercial aircraft and in heavy machinery applications where vibration is prevalent. They are also used in automotive and industrial areas where high performance torque needs to be achieved.
- Spline sockets help tighten high strength bolts to high torque loads. They help lower the force required to turn standard fasteners by allowing the torque load to be moved away from the corners to help prevent fastener rounding. They also turn fasteners with damaged corners.
- Spline sockets on spline fasteners help deliver twice the torque of 12 pt. wrenches on double box fasteners, and more torque than hex wrenches on hex fasteners.
- Spline helps reduce foreign object debris (FOD) by having a precise fit between the fastening tool and its fastener.



Product ID No.	Size (In)	B	C	D	E	L	Weight lbs.
J5732SPL	1	1-1/2"	1-7/8"	7/8"	1-1/4"	2-7/16"	0.82 lbs.
J5734SPL	1-1/16	1-1/2"	1-7/8"	7/8"	1-1/4"	2-1/2"	0.91 lbs.
J5736SPL	1-1/8	1-5/8"	2"	1"	1-3/8"	2-1/2"	1.00 lbs.
J5738SPL	1-3/16	1-11/16"	2"	1-3/16"	1-5/8"	2-3/4"	1.09 lbs.
J5740SPL	1-1/4	1-11/15"	2"	1-3/16"	1-5/8"	2-3/4"	1.18 lbs.
J5742SPL	1-5/16	1-7/8"	2"	1-3/16"	1-3/4"	2-7/8"	1.27 lbs.
J5744SPL	1-3/8	2"	2"	1-3/16"	1-3/4"	3"	1.37 lbs.
J5746SPL	1-7/16	2"	2"	1-1/4"	1-15/16"	3"	1.46 lbs.
J5748SPL	1-1/2	2-1/8"	2-1/8"	1-5/16"	2"	3"	1.55 lbs.



## 1" DRIVE PEAR HEAD CLASSIC RATCHET - MALE/FEMALE DRIVE

- An extra safety factor is provided through the use of a spring loaded pellet in each male drive plug that snaps into a hole in the drive end of the socket and acts as a retaining pin. The socket stays locked on until the pellet is depressed and the socket is removed.
- Unique 24 tooth gear design provides 15° ratcheting angle while maximizing ultimate torque.
- Thin head design for access into tight work areas.
- Reversing lever designed for quick, one hand operation.



Product ID No.	Overall Length	Weight lbs.	Repair Kit	ASME Spec.
J5849	26"	13.02 lbs.	J5849RK	ASME B107.10M



# Sockets, Drive Tools, Accessories

## 1" DRIVE MALE DRIVE PLUG

- Replacement square drive for J5849.
- J5849 Male ratchet easily converts to a female ratchet by removing male plug.

Product ID No.	Overall Length	Weight lbs.
<b>J5852</b>	2-19/32"	0.72 lbs.



## 1" DRIVE STANDARD DRIVE EXTENSION

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5861</b>	8"	2.88 lbs.	ASME B107.10M
<b>J5863</b>	17"	4.87 lbs.	ASME B107.10M



## 1" DRIVE HINGE HANDLE

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5868</b>	27"	7.56 lbs.	ASME B107.10M




## 1" DRIVE BAR HANDLE/SLIDING DRIVE PLUG

Product ID No.	Overall Length	Weight lbs.	ASME Spec.
<b>J5884</b>	28-1/2"	6.3 lbs.	ASME B107.10M
<b>J5885</b>	3"	1.2 lbs.	ASME B107.10M



## 1" DRIVE ADAPTERS

Product ID No.		Overall Length	Weight lbs.	ASME Spec.
<b>J5853</b>	3/4" F x 1" M	2-1/2"	0.82 lbs.	ASME B107.10M
<b>J5854</b>	1" F x 3/4" M	2-7/8"	1.27 lbs.	ASME B107.10M



# Sockets, Drive Tools, Accessories



## SET NO. FC-R.400AVSE - FACOM® 1/4" DRIVE 10 PC. SOCKET SET

- For working on live components up to 1000V-AC and 1500DC.
- Weight: 1.47 lbs.



Product ID No.	Contents	Description
<b>FC-R.400AVSE</b>	FM-R.6AVSE	Socket, 1/4" Dr. 1000V SE 6 mm
	FM-R.7AVSE	Socket, 1/4" Dr. 1000V SE 7 mm
	FM-R.8AVSE	Socket, 1/4" Dr. 1000V SE 8 mm
	FM-R.10AVSE	Socket, 1/4" Dr. 1000V SE 10 mm
	FM-R.12AVSE	Socket, 1/4" Drive 1000V SE 12 mm
	FM-RT.4AVSE	Hex Bit, 1/4 Dr. 1000V SE 4 mm
	FM-RT.5AVSE	Hex Bit, 1/4" Dr. 1000V SE 5 mm
	FM-RT.6AVSE	Hex Bit, 1/4" Dr. 1000V SE 6 mm
	FT-R.151AVSE	Ratchet, 1/4" Dr. 1000V SE 4-7/8"
	FT-R.210AVSE	Extension, 1/4" Dr. 1000V SE 4.5"



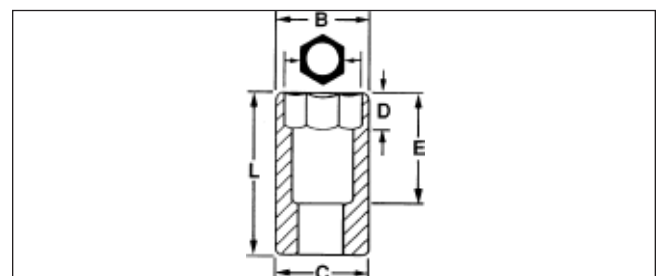
## FACOM® 1/4" SQUARE DRIVE SOCKETS - METRIC - 6 POINT



- For manual use.
- For working on live components up to 1000V-AC and 1500DC.



Product ID No.	A	B	C	L	Weight lbs.
<b>FM-R.6AVSE</b>	6 mm	16 mm	22 mm	22 mm	0.04 lbs.
<b>FM-R.7AVSE</b>	7 mm	17 mm	22 mm	22 mm	0.04 lbs.
<b>FM-R.8AVSE</b>	8 mm	17 mm	22 mm	22 mm	0.04 lbs.
<b>FM-R.10AVSE</b>	10 mm	18 mm	22 mm	22 mm	0.06 lbs.
<b>FM-R.12AVSE</b>	12 mm	22 mm	22 mm	22 mm	0.07 lbs.





# Sockets, Drive Tools, Accessories

## FACOM® 1/4" SQUARE DRIVE SOCKETS - 6 POINT

METRIC

- For manual use.
- For Working on live components up to 1000V AC and 1500DC.



Product ID No.	A	B	Weight lbs.
<b>FM-RT.4AVSE</b>	4 mm	11 mm	0.05 lbs.
<b>FM-RT.5AVSE</b>	5 mm	13 mm	0.06 lbs.
<b>FM-RT.6AVSE</b>	6 mm	14 mm	0.06 lbs.



## FACOM® 1/4" RATCHET

- Sockets and accessories secured by spring-ball.
- 2 color warning handle insulation - color changes from orange to yellow if insulation integrity compromised.
- For manual use.
- Insulated to 1000V AC or 1500 DC.



Product ID No.	L	Weight lbs.
<b>FT-R.151AVSE</b>	5-5/16"	0.28 lbs.



## FACOM® 1/4" SQUARE DRIVE EXTENSION

- Sockets and accessories secured by spring-ball.
- 2 color warning handle insulation - color changes from orange to yellow if insulation integrity compromised.
- For manual use.
- Insulated to 1000V AC or 1500 DC.



Product ID No.	L	Weight lbs.
<b>FT-R.210AVSE</b>	4-23/32"	0.12 lbs.



# Sockets, Drive Tools, Accessories



## SET NO. FC-J.401AVSE - FACOM® 3/8" DRIVE 17 PC. SOCKET SET - 12 POINT

- For working on live components up to 1000V AC and 1500DC.
- Weight: 4.96 lbs.



Product ID No.	Contents	Description
<b>FC-J.401AVSE</b>	FM-J.8AVSE	Socket, 3/8" Drive 1000V VSE 8 mm
	FM-J.10AVSE	Socket, 3/8" Drive 1000V VSE 10 mm
	FM-J.11AVSE	Socket, 3/8" Drive 1000V VSE 11 mm
	FM-J.12AVSE	Socket, 3/8" Drive 1000V VSE 12 mm
	FM-J.13AVSE	Socket, 3/8" Drive 1000V VSE 13 mm
	FM-J.14AVSE	Socket, 3/8" Drive 1000V VSE 14 mm
	FM-J.15AVSE	Socket, 3/8" Drive 1000V VSE 15 mm
	FM-J.17AVSE	Socket, 3/8" Drive 1000V VSE 17 mm
	FM-J.19AVSE	Socket, 3/8" Drive 1000V VSE 19 mm
	FM-JT.4AVSE	Hex Bit, 3/8" Drive 1000V VSE 4 mm
	FM-JT.5AVSE	Hex Bit, 3/8" Drive 1000V VSE 5 mm
	FM-JT.6AVSE	Hex Bit, 3/8" Drive 1000V VSE 6 mm
	FM-JT.7AVSE	Hex Bit, 3/8" Drive 1000V VSE 7 mm
	FM-JT.8AVSE	Hex Bit, 3/8" Drive 1000V VSE 8 mm
	FT-J.121AVSE	T-Handle, 3/8" Drive 1000V VSE
	FT-J.151AVSE	Ratchet, 3/8" Drive 1000V VSE 7"
	FT-J.210AVSE	Extension, 3/8" Drive 1000V VSE 5-7/8"



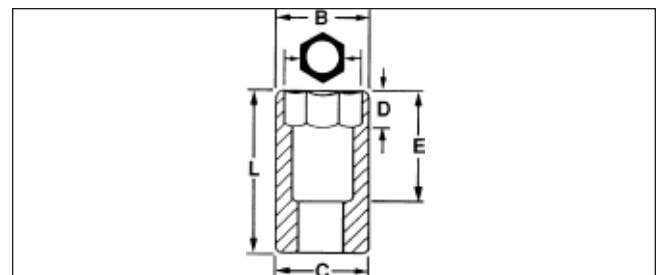
## FACOM® 3/8" DR. VSE SOCKETS - METRIC - 12 POINT



- For manual use.
- For working on live components up to 1000V AC and 1500DC.



Product ID No.	A	B	C	L	Weight lbs.
<b>FM-J.8AVSE</b>	8 mm	17 mm	18 mm	43 mm	0.08 lbs.
<b>FM-J.10AVSE</b>	10 mm	20 mm	18 mm	43 mm	0.08 lbs.
<b>FM-J.11AVSE</b>	11 mm	21 mm	18 mm	46 mm	0.08 lbs.
<b>FM-J.12AVSE</b>	12 mm	22 mm	18 mm	46 mm	0.09 lbs.
<b>FM-J.13AVSE</b>	13 mm	23 mm	18 mm	46 mm	0.10 lbs.
<b>FM-J.14AVSE</b>	14 mm	25 mm	18 mm	46 mm	0.10 lbs.
<b>FM-J.15AVSE</b>	15 mm	25 mm	18 mm	46 mm	0.11 lbs.
<b>FM-J.16AVSE</b>	16 mm	27 mm	18 mm	46 mm	0.13 lbs.
<b>FM-J.17AVSE</b>	17 mm	27 mm	18 mm	46 mm	0.15 lbs.
<b>FM-J.18AVSE</b>	18 mm	29 mm	18 mm	46 mm	0.16 lbs.
<b>FM-J.19AVSE</b>	19 mm	31 mm	18 mm	50 mm	0.16 lbs.







# Sockets, Drive Tools, Accessories

## FACOM® 3/8" DR. VSE DEEP SOCKETS - METRIC - 12 POINT

**M**ETRIC

- For manual use.
- For working on live components up to 1000V AC and 1500DC.



Product ID No.	A	B	C	L	Weight lbs.
<b>FM-J.8LAVSE</b>	8mm	19 mm	18 mm	63 mm	0.10 lbs.
<b>FM-J.13LAVSE</b>	13mm	22 mm	18 mm	63 mm	0.17 lbs.
<b>FM-J.14LAVSE</b>	14mm	23 mm	18 mm	69 mm	0.18 lbs.
<b>FM-J.16LAVSE</b>	16mm	23 mm	18 mm	76 mm	0.27 lbs.
<b>FM-J.17LAVSE</b>	17mm	25 mm	18 mm	76 mm	0.33 lbs.
<b>FM-J.18LAVSE</b>	18mm	27 mm	18 mm	76 mm	0.37 lbs.
<b>FM-J.19LAVSE</b>	19mm	28 mm	18 mm	76 mm	0.33 lbs.



## FACOM® 3/8" DR. VSE HEX BIT SOCKETS - METRIC

**M**ETRIC

- For manual use.
- For working on live components up to 1000V AC and 1500DC.



Product ID No.	A	B	C	L	Weight lbs.
<b>FM-JT.4AVSE</b>	4mm	10 mm	18 mm	66 mm	0.10 lbs.
<b>FM-JT.5AVSE</b>	5mm	10 mm	18 mm	66 mm	0.10 lbs.
<b>FM-JT.6AVSE</b>	6mm	10 mm	18 mm	66 mm	0.10 lbs.
<b>FM-JT.7AVSE</b>	7mm	10 mm	18 mm	66 mm	0.11 lbs.
<b>FM-JT.8AVSE</b>	8mm	10 mm	18 mm	66 mm	0.13 lbs.
<b>FM-JT.10AVSE</b>	10mm	10 mm	18 mm	66 mm	0.13 lbs.



## FACOM® 3/8" DR. VSE RATCHET

- Sockets and accessories secured by spring-ball.
- 2 color warning handle insulation-color changes from orange to yellow if insulation integrity is compromised.
- For manual use.
- Insulated to 1000V AC or 1500DC.



Product ID No.	L	Weight lbs.
<b>FT-J.151AVSE</b>	7"	0.53 lbs.



# Sockets, Drive Tools, Accessories



## FACOM® 3/8" DR. VSE T-HANDLE

- Sockets and accessories secured by spring-ball.
- 2 color warning handle insulation - color changes from orange to yellow if insulation integrity compromised.
- For manual use.
- Insulated to 1000V AC or 1500 DC.



Product ID No.	Weight lbs.
FT-J.121AVSE	0.85 lbs.

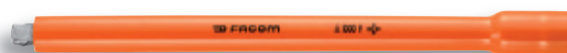


## FACOM® 3/8" DR. VSE EXTENSIONS

- Sockets and accessories secured by spring-ball.
- For manual use.
- Insulated to 1000V AC or 1500 DC.



Product ID No.	A	L	Weight lbs.
FT-J.210AVSE	5-7/8"	5-23/32"	0.33 lbs.
FT-J.215AVSE	10-1/4"	31/32"	0.64 lbs.

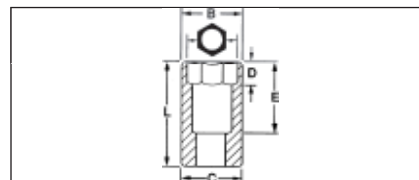


## SET NO. FC-S.401AVSE - FACOM® 1/2" DRIVE 17 PC. SOCKET SET - 12 POINT

- For working on live components up to 1000V AC and 1500DC.
- Weight: 7.56 lbs.



Product ID No.	Contents	Description
<b>FC-S.401AVSE</b>	FM-S.8AVSE	Socket, 1/2" Dr. 1000V VSE 8 mm
	FM-S.9AVSE	Socket, 1/2" Dr. 1000V VSE 9 mm
	FM-S.10AVSE	Socket, 1/2" Dr. 1000V VSE 10 mm
	FM-S.11AVSE	Socket, 1/2" Dr. 1000V VSE 11 mm
	FM-S.12AVSE	Socket, 1/2" Dr. 1000V VSE 12 mm
	FM-S.13AVSE	Socket, 1/2" Dr. 1000V VSE 13 mm
	FM-S.14AVSE	Socket, 1/2" Dr. 1000V VSE 14 mm
	FM-S.17AVSE	Socket, 1/2" Dr. 1000V VSE 17 mm
	FM-S.19AVSE	Socket, 1/2" Dr. 1000V VSE 19 mm
	FM-ST.8AVSE	Hex Bit, 1/2 Dr. 1000V SE 8 mm
	FM-ST.10AVSE	Hex Bit, 1/2 Dr. 1000V SE 10 mm
	FM-ST.12AVSE	Hex Bit, 1/2 Dr. 1000V SE 12 mm
	FM-ST.14AVSE	Hex Bit, 1/2 Dr. 1000V SE 14 mm
	FM-ST.17AVSE	Hex Bit, 1/2 Dr. 1000V SE 17 mm
	FT-S.121AVSE	T-Handle, 1/2 Dr. 1000V SE
	FT-S.151AVSE	Ratchet, 1/2" Dr. 1000V SE 10-3/8"
	FT-S.210AVSE	Extension, 1/2" Dr. 1000V SE 5-3/4"





# Sockets, Drive Tools, Accessories

## FACOM® 1/2" DR. VSE SOCKETS - METRIC - 12 POINT

METRIC

- For manual use.
- For working on live components up to 1000V AC and 1500DC.



Product ID No.	A	B	C	L	Weight lbs.
<b>FM-S.8AVSE</b>	8 mm	17 mm	22 mm	52 mm	0.14 lbs.
<b>FM-S.9AVSE</b>	9 mm	18 mm	22 mm	52 mm	0.15 lbs.
<b>FM-S.10AVSE</b>	10 mm	19 mm	22 mm	52 mm	0.14 lbs.
<b>FM-S.11AVSE</b>	11 mm	20 mm	22 mm	52 mm	0.15 lbs.
<b>FM-S.12AVSE</b>	12 mm	22 mm	22 mm	52 mm	0.15 lbs.
<b>FM-S.13AVSE</b>	13 mm	23 mm	22 mm	52 mm	0.16 lbs.
<b>FM-S.14AVSE</b>	14 mm	24 mm	22 mm	52 mm	0.16 lbs.
<b>FM-S.17AVSE</b>	17 mm	28 mm	22 mm	52 mm	0.18 lbs.
<b>FM-S.19AVSE</b>	19 mm	32 mm	22 mm	52 mm	0.20 lbs.
<b>FM-S.21AVSE</b>	21 mm	33 mm	22 mm	52 mm	0.23 lbs.
<b>FM-S.22AVSE</b>	22 mm	34 mm	22 mm	52 mm	0.25 lbs.



## FACOM® 1/2" DR. VSE DEEP SOCKETS - METRIC - 12 POINT

METRIC

- For manual use.
- For working on live components up to 1000V AC and 1500DC.



Product ID No.	A	B	C	L	Weight lbs.
<b>FM-S.12LAVSE</b>	12mm	22 mm	22 mm	77 mm	0.39 lbs.
<b>FM-S.13LAVSE</b>	13mm	23 mm	22 mm	77 mm	0.39 lbs.
<b>FM-S.14LAVSE</b>	14mm	24 mm	22 mm	77 mm	0.39 lbs.
<b>FM-S.16LAVSE</b>	16mm	27 mm	22 mm	77 mm	0.34 lbs.
<b>FM-S.17LAVSE</b>	17mm	28 mm	22 mm	77 mm	0.39 lbs.
<b>FM-S.18LAVSE</b>	18mm	29 mm	22 mm	77 mm	0.47 lbs.
<b>FM-S.19LAVSE</b>	19mm	32 mm	22 mm	77 mm	0.52 lbs.



## FACOM® 1/2" DR. VSE HEX BIT SOCKETS - METRIC

METRIC

- For manual use.
- For working on live components up to 1000 V - AC and 1500DC.



Product ID No.	A	B	C	L	Weight lbs.
<b>FM-ST.8AVSE</b>	8 mm	10 mm	22 mm	70 mm	0.19 lbs.
<b>FM-ST.10AVSE</b>	10 mm	12 mm	22 mm	70 mm	0.19 lbs.
<b>FM-ST.12AVSE</b>	12 mm	12 mm	22 mm	92 mm	0.31 lbs.
<b>FM-ST.14AVSE</b>	14 mm	17 mm	22 mm	92 mm	0.34 lbs.
<b>FM-ST.17AVSE</b>	17 mm	19 mm	22 mm	92 mm	0.37 lbs.





## FACOM® 1/2" DR. VSE RATCHET

- Sockets and accessories secured by spring-ball.
- 2 color warning handle insulation-color changes from orange to yellow if insulation integrity is compromised.
- For manual use.
- Insulated to 1000V AC or 1500DC.



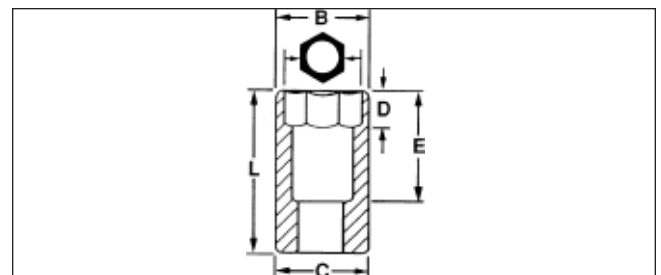
Product ID No.	L	Weight lbs.
<b>FT-S.151AVSE</b>	10-7/16"	1.24 lbs.

## FACOM® 1/2" DR. VSE EXTENSIONS

- For manual use.
- Sockets and accessories secured by spring-ball.
- Insulated to 1000V AC or 1500DC.



Product ID No.	A	L	Weight lbs.
<b>FT-S.210AVSE</b>	5-3/4"	5-29/32"	0.55 lbs.
<b>FT-S.215AVSE</b>	10-3/8"	10-5/8"	1.04 lbs.

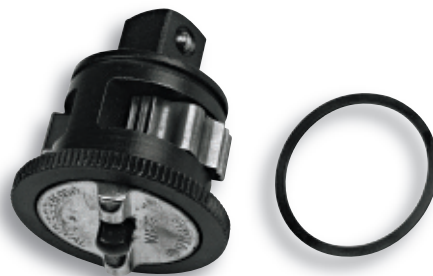


# Sockets, Drive Tools, Accessories



## ROUND HEAD RATCHET REPAIR KITS

Product ID No.	Drive Size	Ratchet No.	Weight lbs.
<b>J4752ARK</b>	1/4 Inch	J4752A, J4752ABL, J4757	0.09 lbs.
<b>J5252ARK</b>	3/8 Inch	J5252A, J5252ABL	0.18 lbs.
<b>J5257ARK</b>	3/8 Inch	J5257A	0.18 lbs.
<b>J5452ARK</b>	1/2 Inch	J5452A, J5452ABL	0.30 lbs.
<b>J5454ARK</b>	1/2 Inch	J5454A	0.30 lbs.
<b>J5457ARK</b>	1/2 Inch	J5457A	0.30 lbs.



## RATCHET REPAIR KITS

- Female square drive wheel.
- Male drive plug has spring loaded pellet instead of spring loaded ball.

Product ID No.	Drive Size	Ratchet No.	Weight lbs.
<b>J4749XLRK</b>	1/4 Inch	J4749XL	0.04 lbs.
<b>J4749XLHSRK</b>	1/4 Inch	J4749XLHS	0.04 lbs.
<b>J4749RK</b>	1/4 Inch	J4749	0.06 lbs.
<b>J4749HSRK</b>	1/4 Inch	J4749HS	0.04 lbs.
<b>J5249XLRK</b>	3/8 Inch	J5249XL	0.13 lbs.
<b>J5249FWRK</b>	3/8 Inch	J5249FW	0.13 lbs.
<b>J5249HSRK</b>	3/8 Inch	J5249HS	0.15 lbs.
<b>J5249XLHSRK</b>	3/8 Inch	J5249XLHS	0.15 lbs.
<b>J5449RK</b>	1/2 Inch	J5449	0.38 lbs.
<b>J5449UTRK</b>	1/2 Inch	J5449UT	0.38 lbs.
<b>J5449XLRK</b>	1/2 Inch	J5449XL	0.23 lbs.
<b>J5449-14RK</b>	1/2 Inch	J5449-14	0.37 lbs.
<b>J5450FWRK</b>	1/2 Inch	J5450FW	0.26 lbs.
<b>J5649FWRK</b>	3/4 Inch	J5649FW	1.00 lbs.
<b>J5649RK</b>	3/4 Inch	J5649	1.00 lbs.



## REVERSE CAM REPAIR KITS

Product ID No.	Drive Size	Weight lbs.
<b>J4749RC</b>	1/4 Inch	0.01 lbs.
<b>J5249RC</b>	3/8 Inch	0.01 lbs.
<b>J5449RC</b>	1/2 Inch	0.01 lbs.
<b>J5649RC</b>	3/4 Inch	0.02 lbs.

