

The background of the cover is a detailed, high-contrast photograph of various hand tools. In the foreground, several hexagonal sockets are visible, along with a large combination wrench and a screwdriver. The tools are arranged in a way that creates a sense of depth and texture. The lighting highlights the metallic surfaces and the intricate details of the tools.

# HAND TOOLS

CATALOGUE **2012**  
**2013**

## Locations

JET® products are available from a broad distribution network throughout Canada. We support this network with our own system of warehouses in Vancouver, Edmonton, Winnipeg, Toronto, Montréal and Halifax. This distribution channel ensures fast deliveries and superior service to our customers.



WEST



VANCOUVER, BC

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Mississauga, ON L5S 1N9  
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Ville St-Laurent, QC H4T 1A7  
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**Toll Free Tel:** 1-800-472-7686  
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**Toll Free Fax:** 1-877-468-3461



JET



RACING

JET EQUIPMENT & TOOLS LTD.

RACING  
PROGRAM

## SPONSORED TEAMS

In the heat of the battle, these great racing teams demand tools that stand up to the extreme conditions of championship drag racing!

No other motorsport requires teams to perform complete engine and car teardown and rebuilds between every pass - often accomplished in less than 75 minutes. Whether it's tuning a 7,000 hp top fuel dragster, a 230mph Pro Mod door car or your stock weekend warrior, JET has the quality and range of tools to perform! In the fast paced world of drag racing, there is only room for the best — JET Professional Tools!



1



2



3



4



5



6



7

**1** Wayne Hofer  
// West Coast Pro  
Mod Association

**2** Rob Atchison  
// 3X IHRA Alcohol Funny Car  
World Champion

**3** Nathan Sitko  
// NHRA Nostalgia Nitro Funny Car

**4** Kenny Lang  
// 2008 & 2009 IHRA Pro Mod  
World Champion

**5** Terry Langdon Davies  
// Canada West Doorslammer  
Association

**6** John Evanchuck  
// NHRA / IHRA  
Top Alcohol Funny Car

**7** Tim Nemeth  
// NHRA Nostalgia Nitro Funny Car



Racing photos courtesy  
Bill Jeffery and Speedzone Magazine

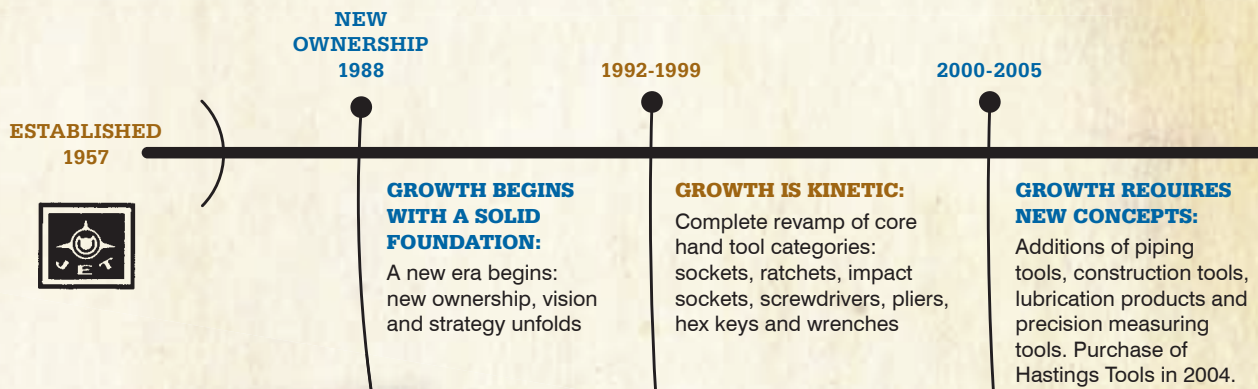


# Over 50 Years of Growth

The JET story (as it is fondly known) began over 50 years ago! Under new ownership in 1988, JET began its growth and transformation through dedicated leadership, passionate employees and a commitment to become a leading brand of professional and industrial tools and equipment.

Today, JET prides itself on our loyal base of customers, manufacturing partners and end-users. Using our “one-stop-shop” approach, we have developed a comprehensive product offering to the professional and industrial markets. This, supported by a network of warehouses across the country, ensures inventory is readily accessible, enabling fast and efficient customer service.

As we progress through 2012 and beyond JET continually works on developing and producing innovative tools.



Parker Street, Vancouver circa 1988  
40,000 square feet



Socket Sets





#### **GROWTH DEMANDS EXPANSION:**

As we expand and develop our product lines, JET's warehouse space has had to evolve and grow. Our head office and main distribution centre has moved twice since an original start of 40,00 sq ft to a 100,00 sq ft facility, and recently our Montreal and Edmonton branches have also moved and expanded to bigger facilities. JET operates 6 warehouses across Canada, with a total of 215,000 sq ft!



2006-2009

#### **INDUSTRIAL GROWTH:**

A major push into the industrial trades: large diameter impact sockets, striking and structural wrenches, torque multipliers, L-clamps and industrial adjustable wrenches



2010-2012

#### **THE POWER OF GROWTH IS INNOVATION:**

Introduction of innovative and unique products such as twist drive and swivel head ratchets, unbreakable hammers and digital torque wrenches



2013 & BEYOND

#### **THERE ARE NO LIMITS TO GROWTH:**

JET's Hand Tool and Specialty Automotive lines merge. With over 3,000 Hand Tool products JET is able to offer you the exact tool you need to accomplish the task at hand!



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# HAND TOOLS

CATALOGUE 2012 2013



**Check out our new products.**

We have added over 250 new products to our catalogue! They are marked with our



symbol making them easy to find.

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**Ratcheting Breaker Bars pg. 38**

**Ratchet Wrench Adaptor Set pg. 47**

**JSHD Series - Super Heavy Duty  
Torque Wrenches pg. 94**

**Pin Free Impact Locking U-Joints pg. 65**

**JET-A-SIZER pg. 33**

**T-handle Spinner Wrenches pg. 39**

**Cushion Grip Nutdrivers - Sets pg. 118**

**Cushion Grip Multi-Bit Drivers & Screwdrivers  
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**Ratcheting Screwdrivers pg. 114-115**

**CSG Series C-Clamps &  
CCJ Series Junior C-Clamps pg. 180**




**Ironworker's Pinch Bars** pg. **158**



**Hammerhead Wrecking Bars**  
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**Rolling Head Pry Bars** pg. **159**



**Chrome Nickel Pliers – Super Heavy Duty**  
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**4 Piece Starter Pliers Set** pg. **131**



**5 Piece Magnetic Spark Plug Socket Set**  
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**Indexible Pry Bars** pg. **126**



**Ratcheting Pry Bars** pg. **126**



**Long Arm Hex Key Set** pg. **87**



**Treasure Series Tool Storage** pg. **277**



**SHD Series Jobsite Tool Storage Box** pg. **278**



**16 Drawer B&G Series Roller Cabinet** pg. **271**



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## ABRASIVES.



## AIR TOOLS.



## HAND TOOLS.



## MATERIAL HANDLING.



## SPECIALTY AUTOMOTIVE.



## STRONGARM®



[www.jetequipment.com](http://www.jetequipment.com)





**J E T**



# Chrome Sockets

1/4 TO 1" DRIVE

SOCKET SETS

OPEN STOCK

HEX, TORX®  
AND EXTERNAL TORX® BITS

ACCESSORIES

Sockets and socket accessories are one of the most widely used and critical tools in the work place. Our focus is to provide the best product in the Canadian market.



## TORQUE DRIVE®

# 1/4" DRIVE SOCKET WRENCH SETS

⚡ *Hand Tools shown in this section feature:*

- All components forged from high quality Chrome Vanadium steel
- TORQUE DRIVE® sockets contact the fastener on the sides rather than the corners, reducing corner rounding and allowing 20% more torque
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Extra long deep sockets ensure maximum accessibility
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5



6 CrV

### 24 Piece S.A.E. - 6 Point

600115 / SW1424-6

STANDARD LENGTH S.A.E.

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

DEEP LENGTH S.A.E.

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

STANDARD ACCESSORIES:

- 48 tooth 5-1/2" quick release oval head ratchet (670926)
- 2" (670904) and 6" (670906) extensions
- 6" spinner handle (670912)
- 1-3/8" universal joint (670908)
- Blow mould case with removable lid



6 CrV

### 28 Piece Metric - 6 Point

600116 / SW1428M-6

STANDARD LENGTH METRIC

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

DEEP LENGTH METRIC

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

STANDARD ACCESSORIES:

- 48 tooth 5-1/2" quick release oval head ratchet (670926)
- 2" (670904) and 6" (670906) extensions
- 6" spinner handle (670912)
- 1-3/8" universal joint (670908)
- Blow mould case with removable lid



⚠ **WARNING:** Do not use chrome sockets on impact wrenches



### TORQUE DRIVE

6 CrV

#### 42 Piece S.A.E./Metric - 6 Point

600125 / SW1442C-6

STANDARD LENGTH S.A.E.

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

DEEP LENGTH S.A.E.

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

STANDARD LENGTH METRIC

4, 5, 6, 7, 8, 9, 10, 11, 12mm

DEEP LENGTH METRIC

4, 5, 6, 7, 8, 9, 10, 11, 12mm

STANDARD ACCESSORIES:

- 72 tooth high torque ratchet (670927)
- 2" (670904) and 4" (670915) extensions
- 6" spinner handle (670912)
- 1-3/8" universal joint (670908)
- Blow mould case with removable lid



12 CrV

#### 42 Piece S.A.E./Metric - 12 Point

600126 / SW1442C-12

STANDARD LENGTH S.A.E.

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

DEEP LENGTH S.A.E.

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

STANDARD LENGTH METRIC

4, 5, 6, 7, 8, 9, 10, 11, 12mm

DEEP LENGTH METRIC

4, 5, 6, 7, 8, 9, 10, 11, 12mm

STANDARD ACCESSORIES:

- 72 tooth high torque ratchet (670927)
- 2" (670904) and 4" (670915) extensions
- 6" spinner handle (670912)
- 1-3/8" universal joint (670908)
- Blow mould case with removable lid





## TORQUE DRIVE®



## 3/8" DRIVE SOCKET WRENCH SETS

### ⚡ Hand Tools shown in this section feature:

- All components forged from high quality Chrome Vanadium steel
- TORQUE DRIVE® sockets contact the fastener on the sides rather than the corners, reducing corner rounding and allowing 20% more torque
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Extra long deep sockets ensure maximum accessibility
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5



### 11 Piece S.A.E. - 6 Point

600223 / SW3811-6

#### STANDARD LENGTH S.A.E.

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

#### STANDARD ACCESSORIES:

- 48 tooth 8" quick release oval head ratchet (**671926**)
- 6" extension (**671907**)
- Blow mould case



### 15 Piece Metric - 6 Point

600226 / SW3815M-6

#### STANDARD LENGTH METRIC

**8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm**

#### STANDARD ACCESSORIES:

- 48 tooth 8" quick release oval head ratchet (**671926**)
- 6" extension (**671907**)
- Blow mould case



### 21 Piece S.A.E. - 6 Point

600229 / SW3821-6

#### STANDARD LENGTH S.A.E.

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

#### DEEP LENGTH S.A.E.

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

#### STANDARD ACCESSORIES:

- 48 tooth 8" quick release oval head ratchet (**671926**)
- 3" (**671905**) and 6" (**671907**) extensions
- 8" flex handle (**671902**)
- 1-7/8" universal joint (**671910**)
- Blow mould case with removable lid



**⚠ WARNING:** Do not use chrome sockets on impact wrenches



### 30 Piece Metric - 6 Point

600234 / SW3830M-6

#### STANDARD LENGTH METRIC

8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

#### DEEP LENGTH METRIC

8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

#### STANDARD ACCESSORIES:

- 48 tooth 8" quick release oval head ratchet (671926)
- 3" (671905) and 6" (671907) extensions
- 8" flex handle (671902)
- 1-7/8" universal joint (671910)
- Blow mould case with removable lid



### 45 Piece S.A.E./Metric - 6 Point

600241 / SW3845C-6

#### STANDARD LENGTH S.A.E.

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

#### DEEP LENGTH S.A.E.

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

#### STANDARD LENGTH METRIC

8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

#### DEEP LENGTH METRIC

8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

#### STANDARD ACCESSORIES:

- 72 tooth high torque ratchet (671928)
- 3" (671905) and 6" (671907) extensions
- 8" flex handle (671902)
- 1-7/8" universal joint (671910)
- Blow mould case with removable lid



### 45 Piece S.A.E./Metric - 12 Point

600242 / SW3845C-12

#### STANDARD LENGTH S.A.E.

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

#### DEEP LENGTH S.A.E.

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

#### STANDARD LENGTH METRIC

8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

#### DEEP LENGTH METRIC

8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

#### STANDARD ACCESSORIES:

- 72 tooth high torque ratchet (671928)
- 3" (671905) and 6" (671907) extensions
- 8" flex handle (671902)
- 1-7/8" universal joint (671910)
- Blow mould case with removable lid



## TORQUE DRIVE



**WARNING:** Do not use chrome sockets on impact wrenches

## Chrome Sockets

**TORQUE DRIVE**

## 1/2" DRIVE SOCKET WRENCH SETS

### ⚡ Hand Tools shown in this section feature:

- All components forged from high quality Chrome Vanadium steel
- TORQUE DRIVE® sockets contact the fastener on the sides rather than the corners, reducing corner rounding and allowing 20% more torque
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Extra long deep sockets ensure maximum accessibility
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5



### 19 Piece Metric - 6 Point

600326 / SW1219M-6

#### STANDARD LENGTH METRIC

12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm

#### STANDARD ACCESSORIES:

- 48 tooth 10" quick release oval head ratchet (672926)
- 5" (672905) and 10" (672906) extensions
- 15" flex handle (672903)
- 2-3/4" universal joint (672908)
- Blow mould case with removable lid



### 20 Piece S.A.E. - 6 Point

600323 / SW1220-6

#### STANDARD LENGTH S.A.E.

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

#### STANDARD ACCESSORIES:

- 48 tooth 10" quick release oval head ratchet (672926)
- 5" (672905) and 10" (672906) extensions
- 15" flex handle (672903)
- 2-3/4" universal joint (672908)
- Blow mould case



**⚠ WARNING:** Do not use chrome sockets on impact wrenches

**PRECISION  
CHAMFERING  
PROCESS**





### 29 Piece S.A.E. - 6 Point

600331 / SW1229-6

STANDARD LENGTH S.A.E.

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

DEEP LENGTH S.A.E.

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

STANDARD ACCESSORIES:

- 48 tooth 10" quick release oval head ratchet (672926)
- 2" (672904), 5" (672905) and 10" (672906) extensions
- 10" sliding T-handle (672907)
- 2-3/4" universal joint (672908)
- Blow mould case with removable lid



### 55 Piece S.A.E./Metric - 6 Point

600341 / SW1255C-6

STANDARD LENGTH S.A.E.

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

DEEP LENGTH S.A.E.

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

STANDARD LENGTH METRIC

10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32mm

DEEP LENGTH METRIC

10, 12, 13, 14, 15, 16, 17, 18, 19, 21mm

STANDARD ACCESSORIES:

- 72 tooth high torque ratchet (672928)
- 2" (672904), 5" (672905) and 10" (672906) extensions
- 10" sliding T-handle (672907)
- 2-3/4" universal joint (672908)
- Blow mould case with removable lid



## TORQUE DRIVE



**WARNING:** Do not use chrome sockets on impact wrenches

# SUPERIOR DROP FORGING PROCESS

### Hand Tools shown in this section feature:

- All components forged from high quality Chrome Vanadium steel
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5



### 7 Piece Telescopic Tool Set

690105 / SDK3407

#### STANDARD ACCESSORIES:

- 40 tooth super duty reversible ratchet (673923)
- 20-32" telescoping drive handle (for use with all items in kit) (673914)
- 4" extension (673903)
- 3/4" Female x 1" Male adaptor (673912)
- Sliding T-handle head (673910)
- Flex joint head (673911)
- Blow mould case



### 21 Piece S.A.E. - 12 Point

600402 / SW7521

#### STANDARD LENGTH S.A.E.

3/4, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-3/4, 1-7/8, 2"

#### STANDARD ACCESSORIES:

- 42 tooth 20" round head ratchet (673901)
- 4" (673903) and 8" (673904) extensions
- 18" sliding T-handle (673906)
- Metal case



### 21 Piece S.A.E. - 12 Point

600406 / SW7521-HD

#### STANDARD LENGTH S.A.E.

3/4, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-3/4, 1-7/8, 2"

#### STANDARD ACCESSORIES:

- 24 tooth 19-1/2" deluxe oval head ratchet (673922)
- 4" (673903) and 8" (673904) extensions
- 18" sliding T-handle (673906)
- Blow mould case



Heavy Duty Ratchet

**WARNING:** Do not use chrome sockets on impact wrenches



# 1" DRIVE SOCKET WRENCH SETS

## ⚡ Hand Tools shown in this section feature:

- All components forged from high quality Chrome Vanadium steel
- TORQUE DRIVE® sockets contact the fastener on the sides rather than the corners, reducing corner rounding and allowing 20% more torque
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Extra long deep sockets ensure maximum accessibility
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5

12 CrV

### 17 Piece S.A.E. - 12 Point

600505 / SW1017

#### STANDARD LENGTH S.A.E.

1-7/16, 1-1/2, 1-5/8, 1-11/16, 1-3/4, 1-7/8, 2, 2-3/16, 2-1/4, 2-3/8, 2-1/2"

#### STANDARD ACCESSORIES:

- 24 tooth heavy duty reversible ratchet head (674901)
- 8" (674905) and 16" (674903) extensions
- 22" universal handle (included with 674901)
- Sliding T-head
- Metal case



12 CrV

### 21 Piece S.A.E. - 12 Point

600503 / SW1021

#### STANDARD LENGTH S.A.E.

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

#### STANDARD ACCESSORIES:

- 24 tooth heavy duty reversible ratchet head (674901)
- 8" (674905) and 16" (674903) extensions
- 22" universal handle (included with 674901)
- Sliding T- head
- Metal case



## Chrome Sockets

**TORQUE DRIVE®**



**⚠ WARNING:** Do not use chrome sockets on impact wrenches

## TORQUE DRIVE®



# 1/4" DRIVE SOCKET SETS

⚡ *Hand Tools shown in this section feature:*

- All components forged from high quality Chrome Vanadium steel
- TORQUE DRIVE® sockets contact the fastener on the sides rather than the corners, reducing corner rounding and allowing 20% more torque
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Extra long deep sockets ensure maximum accessibility
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5

**6** CrV

### 9 Piece S.A.E - 6 Point

**601102** / SS1409-6

*STANDARD LENGTH S.A.E.*

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

- Includes socket rail

**6** CrV

### 9 Piece Deep S.A.E.- 6 Point

**601107** / SS1409D-6

*DEEP LENGTH S.A.E.*

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

- Includes socket rail

**6** CrV

### 11 Piece Metric - 6 Point

**601113** / SS1411M-6

*STANDARD LENGTH METRIC*

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

- Includes socket rail

**6** CrV

### 11 Piece Deep Metric - 6 Point

**601118** / SS1411DM-6

*DEEP LENGTH METRIC*

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

- Includes socket rail

**⚠ WARNING:** Do not use chrome sockets on impact wrenches



⚡ **Hand Tools shown in this section feature:**

- All components forged from high quality Chrome Vanadium steel
- TORQUE DRIVE® sockets contact the fastener on the sides rather than the corners, reducing corner rounding and allowing 20% more torque
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Extra long deep sockets ensure maximum accessibility
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5

**6** CrV

**8 Piece S.A.E. - 6 Point**

**601219** / SS3808-6

STANDARD LENGTH S.A.E.

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

- Includes socket rail

**6** CrV

**8 Piece Deep S.A.E. - 6 Point**

**601220** / SS3808D-6

DEEP LENGTH S.A.E.

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

- Includes socket rail

**12** CrV

**9 Piece S.A.E. - 12 Point**

**601227** / SS3809-12

STANDARD LENGTH S.A.E.

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

- Includes socket rail

**12** CrV

**9 Piece Deep S.A.E. - 12 Point**

**601229** / SS3809D-12

DEEP LENGTH S.A.E.

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

- Includes socket rail

**TORQUE DRIVE®**

**3/8" DRIVE SPARK PLUG SOCKETS**

See page 30 for special  
5 Piece Spark Plug Socket Set



## TORQUE DRIVE



**6** CrV

### 12 Piece Metric - 6 Point

**601224** / SS3812M-6

STANDARD LENGTH METRIC

**8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm**

- Includes socket rail

**12** CrV

### 12 Piece Metric - 12 Point

**601234** / SS1212M-12

STANDARD LENGTH METRIC

**8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm**

- Includes socket rail

**6** CrV

### 12 Piece Deep Metric - 6 Point

**601226** / SS3812DM-6

DEEP LENGTH METRIC

**8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm**

- Includes socket rail

**12** CrV

### 12 Piece Deep Metric - 12 Point

**601236** / SS1212DM-12

DEEP LENGTH METRIC

**8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm**

- Includes socket rail

**WARNING:** Do not use chrome sockets on impact wrenches



⚡ **Hand Tools shown in this section feature:**

- All components forged from high quality Chrome Vanadium steel
- TORQUE DRIVE® sockets contact the fastener on the sides rather than the corners, reducing corner rounding and allowing 20% more torque
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Extra long deep sockets ensure maximum accessibility
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5

**6** CrV

**15 Piece S.A.E. - 6 Point**

**601316** / SS1215-6

STANDARD LENGTH S.A.E.

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

- Includes socket rail

**12** CrV

**15 Piece S.A.E. - 12 Point**

**601317** / SS1215-12

STANDARD LENGTH S.A.E.

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

- Includes socket rail

**6** CrV

**13 Piece Deep S.A.E. - 6 Point**

**601313** / SS1213D-6

DEEP LENGTH S.A.E.

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

- Includes socket rail

**12** CrV

**13 Piece Deep S.A.E. - 12 Point**

**601318** / SS1213D-12

DEEP LENGTH S.A.E.

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

- Includes socket rail

**TORQUE DRIVE®**



**TORQUE DRIVE**



**6** CrV

**13 Piece Metric - 6 Point**

**601312** / SS1213M-6

STANDARD LENGTH METRIC

10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24mm

- Includes socket rail

**12** CrV

**14 Piece Metric - 12 Point**

**601319** / SS1214M-12

STANDARD LENGTH METRIC

10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24mm

- Includes socket rail

**6** CrV

**13 Piece Deep Metric - 6 Point**

**601314** / SS1213DM-6

DEEP LENGTH METRIC

10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24mm

- Includes socket rail

**12** CrV

**14 Piece Deep Metric - 12 Point**

**601320** / SS1214DM-12

DEEP LENGTH METRIC

10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24mm

- Includes socket rail

**WARNING:** Do not use chrome sockets on impact wrenches



# 3/4" DRIVE SOCKET SETS

## ⚡ Hand Tools shown in this section feature:

- All components forged from high quality Chrome Vanadium steel
- TORQUE DRIVE® sockets contact the fastener on the sides rather than the corners, reducing corner rounding and allowing 20% more torque
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Extra long deep sockets ensure maximum accessibility
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5

6 CrV

### 17 Piece Deep S.A.E. - 6 Point

601407 / SS3417D-6

#### DEEP LENGTH S.A.E.

7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-3/4, 1-13/16, 1-7/8, 2"

- Metal case

12 CrV

### 17 Piece S.A.E. - 12 Point

601405 / SS3417

#### STANDARD LENGTH S.A.E.

7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-3/4, 1-13/16, 1-7/8, 2"

- Metal case

12 CrV

### 17 Piece Metric - 12 Point

601406 / SS3417M

#### STANDARD LENGTH METRIC

19, 21, 22, 23, 24, 26, 27, 29, 30, 32, 35, 36, 38, 41, 46, 50mm

- Metal case

**⚠ WARNING:** Do not use chrome sockets on impact wrenches

## Chrome Sockets

**TORQUE DRIVE®**



**PRECISION  
GROUND**

## Chrome Sockets



## HEX BIT SOCKET SETS

### ⚡ Hand Tools shown in this section feature:

- All sockets forged from high quality Chrome Vanadium steel
- Hex bits are made of superior quality S2 steel for maximum strength
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5



#### 7 Piece S.A.E. Hex Bit

601201 / HSW3811

- 3/8" DR  
2" (OVERALL LENGTH) S.A.E. HEX BIT SOCKETS:  
**1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"**
- Includes socket rail



#### 7 Piece Metric Hex Bit

601202 / HSW3811M

- 3/8" DR  
2" (OVERALL LENGTH) METRIC HEX BIT SOCKETS:  
**3, 4, 5, 6, 7, 8, 10mm**
- Includes socket rail



#### 10 Piece S.A.E. Hex Bit

601802 / HSW3812-10

- 3/8" DR  
2" (OVERALL LENGTH) S.A.E. HEX BIT SOCKETS:  
**1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"**
- 1/2" DR  
2-1/4" (OVERALL LENGTH) S.A.E. HEX BIT SOCKETS:  
**1/2, 9/16, 5/8"**
- Includes socket rail



#### 10 Piece Metric Hex Bit

601803 / HSW3812-10M

- 3/8" DR  
2" (OVERALL LENGTH) METRIC HEX BIT SOCKETS:  
**3, 4, 5, 6, 7, 8, 10mm**
- 1/2" DR  
2-1/4" (OVERALL LENGTH) METRIC HEX BIT SOCKETS:  
**12, 14, 16mm**
- Includes socket rail

**⚠ WARNING:** Do not use chrome sockets on impact wrenches





### 7 Piece S.A.E. Long Ball Nose

601804 / LHSW3807

- 3/8" DR
- 4" (OVERALL LENGTH) METRIC EXTRA LONG BALL NOSE HEX BIT SOCKETS:  
**1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"**
- Includes socket rail



### 7 Piece Metric Long Ball Nose

601805 / LHSW3807M

- 3/8" DR
- 4" (OVERALL LENGTH) METRIC HEX BIT SOCKETS:  
**4, 5, 6, 7, 8, 9, 10mm**
- Includes socket rail



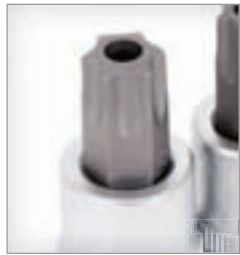
### 14 Piece S.A.E. / Metric – Long Series

601808 / LHSW1438-14C

- 4" (OVERALL LENGTH) S.A.E. EXTRA LONG HEX BIT SOCKETS:
- 1/4" DR  
**1/8, 5/32, 3/16"**
- 3/8" DR  
**7/32, 1/4, 5/16, 3/8"**
- 4" (OVERALL LENGTH) METRIC EXTRA LONG HEX BIT SOCKETS:
- 1/4" DR  
**4, 5, 6mm**
- 3/8" DR  
**7, 8, 9, 10mm**
- Blow mould case



## Chrome Sockets



## TORX® BITS SOCKET SETS

⚡ *Hand Tools shown in this section feature:*

- All sockets forged from high quality Chrome Vanadium steel
- TORX® bits are made of superior quality S2 steel for maximum strength
- All sets include socket clip holders, except SS328TS
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5
- TORX® is a registered trademark of Acument Intellectual Properties, LLC.



### 6 Piece 3/8" Drive - Tamperproof

**601216** / SS386TB

2" (OVERALL LENGTH) TORX® BIT SOCKETS:

**T25, T30, T40, T45, T50, T55**

- Includes socket rail



### 10 Piece 1/4" & 3/8" Drive - Tamperproof

**601801** / SS1438-10TB

- 1/4" DR  
1-1/2" (OVERALL LENGTH) TORX® BIT  
**T-10, T-15, T-20, T-25, T-27, T-30**
- 3/8" DR  
2" (OVERALL LENGTH) TORX® BIT  
**T-40, T-45, T-50, T-55**
- Includes socket rail



### 11 Piece 1/4" & 3/8" Drive - Non-Tamperproof

**601806** / SS1438-11T

- 1/4" DR  
1-1/2" (OVERALL LENGTH) TORX® BIT:  
**T10, T15, T20, T25, T27, T30**
- 3/8" DR  
2" (OVERALL LENGTH) TORX® BIT:  
**T40, T45, T47, T50, T55**
- Includes socket rail

⚠ **WARNING:** Do not use chrome sockets on impact wrenches



⚡ *Hand Tools shown in this section feature:*

- All components forged from high quality Chrome Vanadium steel
- Chamfered edges
- TORX® is a registered trademark of Acument Intellectual Properties, LLC.



## 7 Piece 1/4" Drive

601111 / SS1407TS

STANDARD LENGTH EXTERNAL TORX®

**E4, E5, E6, E7, E8, E10, E11**

- Includes socket rail



## 6 Piece 3/8" Drive

601231 / SS3806TS

STANDARD LENGTH EXTERNAL TORX®

**E6, E8, E10, E12, E14, E16**

- Includes socket rail



## 12 Piece 3/8" Drive

601232 / SS3812TS

STANDARD LENGTH EXTERNAL TORX®

**E4, E5, E6, E7, E8, E10, E11, E12, E14, E16, E18, E20**

- Includes socket rail



## 9 Piece 1/2" Drive

601321 / SS1209TS

STANDARD LENGTH EXTERNAL TORX®

**E10, E11, E12, E14, E16, E18, E20, E22, E24**

- Includes socket rail



## 28 Piece 1/4", 3/8" and 1/2" Drive

601811 / SS328TS

STANDARD LENGTH EXTERNAL TORX®

- 1/4" DR:  
**E4, E5, E6, E7, E8, E10, E11**
- 3/8" DR:  
**E4, E5, E6, E7, E8, E10, E11, E12, E14, E16, E18, E20**
- 1/2" DR:  
**E10, E11, E12, E14, E16, E18, E20, E22, E24**
- Blow mould case

## Chrome Sockets



**⚠ WARNING:** Do not use chrome sockets on impact wrenches

- All items meet U.S. Federal Specifications: GGG-W-641e, Canadian Government Specification CDA39-GP-12b and A.N.S.I. B107.1

Drive	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
Size S.A.E.	Regular 6 pt.	Deep 6 pt.	Regular 12 pt.	Deep 12 pt.	Regular 6 pt.	Deep 6 pt.	Regular 12 pt.	Deep 12 pt.
3/16"	670106	670306	670206	670406				
7/32"	670107	670307	670207	670407				
1/4"	670108	670308	670208	670408	671108		671208	671408
9/32"	670109	670309	670209	670409				
5/16"	670110	670310	670210	670410	671110		671210	671410
11/32"	670111	670311	670211	670411				
3/8"	670112	670312	670212	670412	671112	671312	671212	671412
7/16"	670114	670314	670214	670414	671114	671314	671214	671414
1/2"	670116	670316	670216	670416	671116	671316	671216	671416
9/16"					671118	671318	671218	671418
5/8"					671120	671320	671220	671420
11/16"					671122	671322	671222	671422
3/4"					671124	671324	671224	671424
13/16"					671126	671326		
7/8"					671128	671328		
15/16"					671130			
1"					671132			

## 3/8" DRIVE SPARK PLUG SOCKETS

**new** CrV

### 5 Piece Magnetic Spark Plug Socket Set

**H3704**

- Long reach "Magnetic" swivel spark plug socket set
- For hex sizes 5/8", 13/16" and the new 9/16" on Ford Triton® engines
- Made from CrV steel, with a bright hard chrome finish

#### Set Includes:

- 3/8" DR x 9/16" HEX x 2-1/2" (66mm) Long ..... **H3704-10**
- 3/8" DR x 5/8" HEX x 4" (101.6mm) Long ..... **H3704-14**
- 3/8" DR x 5/8" HEX x 6" (152.4mm) Long ..... **H3704-16**
- 3/8" DR x 5/8" HEX x 11" (279.4mm) Long ..... **H3704-18**
- 3/8" DR x 13/16" HEX x 6" (152.4mm) Long ..... **H3704-22**



Swivel style sockets

### Spark Plug Sockets

- Features rubber inserts to protect spark plugs from damage



#### SPARK PLUG SOCKETS

See page 246 in the Specialty Auto section for similar products

PROD. NO.

Drive

Hex size

<b>671932</b>	3/8"	5/8"
<b>671934</b>	3/8"	13/16"

**WARNING:** Do not use chrome sockets on impact wrenches

- All items meet U.S. Federal Specifications: GGG-W-641e, Canadian Government Specification CDA39-GP-12b and A.N.S.I. B107.1

Drive	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	1"
Size S.A.E.	Regular 6 pt.	Deep 6 pt.	Regular 12 pt.	Deep 12 pt.	Regular 12pt.	Deep 6 pt.	Regular 12 pt.
3/8"	672112		672212				
7/16"	672114	672314	672214	672414			
1/2"	672116	672316	672216	672416			
9/16"	672118	672318	672218	672418			
5/8"	672120	672320	672220	672420			
11/16"	672122	672322	672222	672422			
3/4"	672124	672324	672224	672424	673212		
13/16"	672126	672326	672226	672426			
7/8"	672128	672328	672228	672428	673214	673414	
15/16"	672130	672330	672230	672430	673215	673415	
1"	672132	672332	672232	672432	673216	673416	
1-1/16"	672134	672334	672234	672434	673217	673417	
1-1/8"	672136	672336	672236	672436	673218	673418	
1-3/16"	672138		672238		673219	673419	
1-1/4"	672140	672340	672240	672440	673220	673420	
1-5/16"					673221	673421	
1-3/8"					673222	673422	
1-7/16"					673223	673423	674223
1-1/2"					673224	673424	674224
1-9/16"					673225		
1-5/8"					673226	673426	674226
1-11/16"					673227		674227
1-3/4"					673228	673428	674228
1-13/16"					673229	673429	674229
1-7/8"					673230	673430	674230
2"					673232	673432	674232
2-1/8"							674234
2-3/16"							674235
2-1/4"							674236
2-3/8"							674238
2-1/2"							674240
2-5/8"							674242
2-3/4"							674244
2-15/16"							674247
3"							674248
3-1/8"							674250



672414



672228



673224



- All items meet U.S. Federal Specifications: GGG-W-641e, Canadian Government Specification CDA39-GP-12b and A.N.S.I. B107.1

Drive	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
Size Metric	Regular 6 pt.	Deep 6 pt.	Regular 12 pt.	Deep 12 pt.	Regular 6 pt.	Deep 6 pt.	Regular 12 pt.	Deep 12 pt.
4mm	670502	670702	670602	670802				
4.5mm	670503							
5mm	670504	670704	670604	670804				
5.5mm	670505	670705						
6mm	670506	670706	670606	670806	671506			
7mm	670507	670707	670607	670807	671507			
8mm	670508	670708	670608	670808	671508	671708	671608	671808
9mm	670509	670709	670609	670809	671509	671709	671609	671809
10mm	670510	670710	670610	670810	671510	671710	671610	671810
11mm	670511	670711	670611	670811	671511	671711	671611	671811
12mm	670512	670712	670612	670812	671512	671712	671612	671812
13mm	670513	670713			671513	671713	671613	671813
14mm					671514	671714	671614	671814
15mm					671515	671715	671615	671815
16mm					671516	671716	671616	671816
17mm					671517	671717	671617	671817
18mm					671518	671718	671618	671818
19mm					671519	671719	671619	671819
20mm					671520			
21mm					671521	671721		
22mm					671522			
23mm								
24mm					671524			

 **WARNING:** Do not use chrome sockets on impact wrenches

- All items meet U.S. Federal Specifications: GGG-W-641e, Canadian Government Specification CDA39-GP-12b and A.N.S.I. B107.1

Drive	1/2"	1/2"	1/2"	1/2"	3/4"
Size Metric	Regular 6 pt.	Deep 6 pt.	Regular 12 pt.	Deep 12 pt.	Regular 12 pt.
8mm	672508				
9mm	672509				
10mm	672510	672710	672610	672810	
11mm	672511		672611	672811	
12mm	672512	672712	672612	672812	
13mm	672513	672713	672613	672813	
14mm	672514	672714	672614	672814	
15mm	672515	672715	672615	672815	
16mm	672516	672716	672616	672816	
17mm	672517	672717	672617	672817	
18mm	672518	672718	672618	672818	
19mm	672519	672719	672619	672819	673619
20mm	672520	672720	672620	672820	
21mm	672521	672721	672621	672821	673621
22mm	672522	672722	672622	672822	673622
23mm	672523	672723			673623
24mm	672524	672724	672624	672824	673624
26mm					673626
27mm	672527	672727			673627
29mm					673629
30mm	672530				673630
32mm	672532				673632
35mm					673635
36mm					673636
38mm					673638
41mm					673641
46mm					673646
50mm					673650



672824



672610

**WARNING:** Do not use chrome sockets on impact wrenches

**new**

## JET-A-SIZER – Fastener Sizing Tool

779901 / JFST-1

- Handy tool quickly and accurately identifies size of nut or bolt head
- Works on 6 point S.A.E. and Metric fasteners
- Eliminates unnecessary trips to the tool box
- Permanently stamped sizes for a lifetime of use
- Integrated keychain hook keeps tool handy
- Measuring range: 5/16 - 1", 8 - 25mm



779901

## Chrome Sockets

## S.A.E. HEX BITS OPEN STOCK

⚡ *Hand Tools shown in this section feature:*

- All sockets forged from high quality Chrome Vanadium steel
- Hex bits are made of superior quality S2 steel for maximum strength
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5



Drive	1/4"	3/8"	3/8"	3/8"	1/2"
Size S.A.E.	4" Long	Regular	4" Long	4" Long Ball Nose	Regular
1/8"	677021	677204		677224	
5/32"	677022	677205		677225	
3/16"	677023	677206		677226	
7/32"		677207	677127	677227	
1/4"		677208	677128	677228	
9/32"					
5/16"		677210	677130	677230	
11/32"					
3/8"		677212	677132	677232	
1/2"					677316
9/16"					677318
5/8"					677320

**Note:** 3/8" drive regular length sockets = 2" overall length  
1/2" drive regular length sockets = 2-1/4" overall length



REGULAR  
677210

LONG  
677130

⚠ **WARNING:** Do not use chrome sockets on impact wrenches





⚡ **Hand Tools shown in this section feature:**

- All sockets forged from high quality Chrome Vanadium steel
- Hex bits are made of superior quality S2 steel for maximum strength
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5



Drive	1/4"	3/8"	3/8"	3/8"	1/2"
Size Metric	4" Long	Regular	4" Long	4" Long Ball Nose	Regular
3mm		677253			
4mm	677071	677254		677274	
5mm	677072	677255		677275	
6mm	677073	677256		677276	
7mm		677257	677177	677277	
8mm		677258	677178	677278	
9mm			677179	677279	
10mm		677260	677180	677280	
12mm					677362
14mm					677364
16mm					677366

**Note:** 3/8" drive regular length sockets = 2" overall length  
1/2" drive regular length sockets = 2-1/4" overall length



LONG BALL NOSE  
677280



LONG  
677179



REGULAR  
677366

**WARNING:** Do not use chrome sockets on impact wrenches

## Chrome Sockets



677767  
TAMPERPROOF

677787  
NON-TAMPERPROOF



677865

## TORX® BITS OPEN STOCK



Drive	1/4"	1/4"	3/8"	3/8"
Size TORX®	Non- Tamperproof	Tamperproof	Non- Tamperproof	Tamperproof
T10	677726	677706		
T15	677727	677707		
T20	677728	677708		
T25	677729	677709		677759
T27	677730	677710		
T30	677731	677711		677761
T40			677783	677763
T45			677784	677764
T47			677785	
T50			677786	677766
T55			677787	677767

## EXTERNAL TORX® OPEN STOCK



Drive	1/4"	3/8"	1/2"
Size External TORX®	Regular	Regular	Regular
E4	677803	677821	
E5	677804	677822	
E6	677805	677823	
E7	677806	677845	
E8	677807	677824	
E10	677809	677825	677851
E11	677810	677847	677852
E12		677826	677853
E14		677827	677855
E16		677828	677857
E18		677830	677859
E20		677832	677861
E22			677863
E24			677865

**WARNING:** Do not use chrome sockets on impact wrenches

# SOCKET ACCESSORIES

⚡ **Hand Tools shown in this section feature:**

- All components forged from high quality Chrome Vanadium steel
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5

CrV

## Universal Joints

PROD. NO.	MOD. NO.	Drive
<b>670908</b>	SA1407	1/4" x 1/4"
<b>671910</b>	SA3810	3/8" x 3/8"
<b>672908</b>	SA1207	1/2" x 1/2"

## Socket Adaptors

PROD. NO.	MOD. NO.	Male	Female
<b>OPEN STOCK</b>			
<b>670911</b>	SA1410	3/8"	1/4"
<b>671913</b>	SA3813	1/4"	3/8"
<b>671914</b>	SA3814	1/2"	3/8"
<b>672911</b>	SA1210	3/8"	1/2"
<b>672912</b>	SA1211	3/4"	1/2"
<b>673907</b>	SA7506	1/2"	3/4"
<b>673912</b>	SA7511	1"	3/4"

## 5 PIECE CHROME SOCKET ADAPTOR SET

<b>690115</b>	SA-5S	3/8"	1/4"
		1/4"	3/8"
		1/2"	3/8"
		3/8"	1/2"
		3/4"	1/2"

## Socket Clip Rails

- Includes one each for 1/4", 3/8", and 1/2" drive sockets

PROD. NO.	MOD. NO.	Drive	Clips
<b>3 PIECE SOCKET CLIP RAIL SET</b>			
<b>690111</b>	SCH-3S	1/4, 3/8, 1/2"	16 each (48 Total)
<b>OPEN STOCK</b>			
<b>670913</b>	SCH-14	1/4"	16
<b>671917</b>	SCH-38	3/8"	16
<b>672913</b>	SCH-12	1/2"	16

**WARNING:** Do not use chrome sockets on impact wrenches

## Chrome Sockets



670908



673912



671911



673907



690115



690111



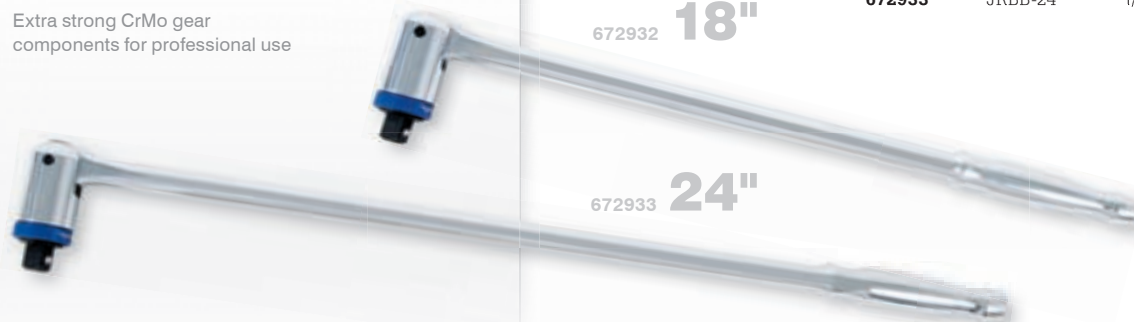
## Chrome Sockets



**new**



Extra strong CrMo gear components for professional use



# SOCKET ACCESSORIES

⚡ *Hand Tools shown in this section feature:*

- All components forged from high quality Chrome Vanadium steel
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5

CrV

## Flex Bars

PROD. NO.	MOD. NO.	Drive	Length	Max.Torque
<b>670902</b>	SA1401	1/4"	6"	35 ft/lbs
<b>671902</b>	SA3801	3/8"	8"	100 ft/lbs
<b>672902</b>	SA1201	1/2"	10"	330 ft/lbs
<b>672903</b>	SA1202	1/2"	15"	330 ft/lbs
<b>672918</b>	SA1213	1/2" *	24"	330 ft/lbs
<b>673909</b>	SA7508	3/4" *	24"	750 ft/lbs
<b>673911</b>	SA7510	3/4" **	—	750 ft/lbs
<b>674909</b>	SA1008	1"	26"	1,850 ft/lbs

*Replacement repair kits listed in the back of the catalogue*

\***672918** and **673909** come with heavy duty head design

\*\***673911** comes with head only – requires drive handle

CrMo

CrV

## Ratcheting Breaker Bars

- Swivel head breaker bar with 24 tooth ratchet action
- Use in neutral position to break fasteners free, then employ ratchet for fast removal of fastener
- Can also be used to apply greater torque than is possible with standard 1/2" drive ratchets
- Chrome Molybdenum and Chrome Vanadium construction for professional use
- Repair kit available (**900289**)

PROD. NO.	MOD. NO.	Drive	Length
<b>672932</b>	JRBB-18	1/2"	18"
<b>672933</b>	JRBB-24	1/2"	24"

672932 **18"**

672933 **24"**

⚠ **WARNING:** Do not use chrome sockets on impact wrenches

# SOCKET ACCESSORIES

CrV

## Speeder Handles

PROD. NO. MOD. NO. Drive Length

671911 SA3811 3/8" 16"

672909 SA1208 1/2" 16-1/2"

## Sliding T-Handles

PROD. NO. MOD. NO. Drive Length

670907 SA1406 1/4" 4-1/4"

671909 SA3809 3/8" 8"

672907 SA1206 1/2" 10"

673906 SA7505 3/4" 18"

673910 SA7509 3/4" \* Head Only

674904 SA1003 1" 22"

\*Requires drive handle (sold separately)

## Spinner Handles

PROD. NO. MOD. NO. Drive Length

670912 SA1411 1/4" 6"



670912

CrV new

## T-Handle Spinner Wrenches

- Unique aluminum grip with bearings provides super smooth spinner action
- Adjustable grip can be used in 4 depth positions or removed for access to recessed areas
- Pull down locking collar keeps grip at desired location for most stable use
- 12" length reaches deep into engine bays and other confined spaces
- Chrome Vanadium steel for professional use
- Textured PVC coated T-handle for improved user comfort

PROD. NO. MOD. NO. Drive Length Pieces

### 3 PIECE T-HANDLE SPINNER WRENCH SET

690130 JSTH-3S 1/4, 3/8, 1/2" 12" 3

- Comes in convenient EVA foam tool box organizer

### OPEN STOCK

670930 — 1/4" 12" 1

671930 — 3/8" 12" 1

672930 — 1/2" 12" 1

## Chrome Sockets



671911



673910



670907



Grip adjust to 4 depth positions or can be removed entirely



**WARNING:** Do not use chrome sockets on impact wrenches

## Chrome Sockets



690120



690121

672914



# SOCKET ACCESSORIES

⚡ *Hand Tools shown in this section feature:*

- All components forged from high quality Chrome Vanadium steel
- Meets or exceeds U.S. Federal Specs: GGG-W-641E and Canadian Government Specs: CDA39-GP-12b and A.N.S.I. B107-10M, B107-1, B107-5

CrV

### Extension Bars

PROD. NO.	MOD. NO.	Pieces	Drive	Length
<b>SETS</b>				
<b>690120</b>	SE38-4S	4	3/8"	1-3/4, 3, 6, 10"
<b>690121</b>	SE12-3S	3	1/2"	2, 5, 10"
<b>672914*</b>	SE12-4S	4	1/2"	15, 18, 24, 30" (extra long)

\* Not CrV Steel

### OPEN STOCK

<b>670904</b>	SA1403	—	1/4"	2"
<b>670905</b>	SA1404	—	1/4"	3"
<b>670915</b>	SA1412	—	1/4"	4"
<b>670906</b>	SA1405	—	1/4"	6"
<b>671904</b>	SA1403	—	3/8"	1-3/4"
<b>671905</b>	SA3804	—	3/8"	3"
<b>671907</b>	SA3806	—	3/8"	6"
<b>671908</b>	SA3808	—	3/8"	10"
<b>672904</b>	SA1203	—	1/2"	2"
<b>672905</b>	SA1204	—	1/2"	5"
<b>672906</b>	SA1205	—	1/2"	10"
<b>673903</b>	SA7502	—	3/4"	4"
<b>673904</b>	SA7503	—	3/4"	8"
<b>673905</b>	SA7504	—	3/4"	16"
<b>674903</b>	SA1002	—	1"	16"
<b>674905</b>	SA1004	—	1"	8"

⚠ **WARNING:** Do not use chrome sockets on impact wrenches



# SOCKET ACCESSORIES

CrV

## Locking Extension Bars

- Sockets and accessories lock on and cannot be removed until lock ring is retracted
- Keeps everything from ratchet to the socket positively connected, preventing lost pieces
- Especially useful when multiple extensions must be used
- Ideal for use with JET's quick release ratchet handles
- Coloured lock rings help identify drive size – a JET exclusive!
- Highest quality Chrome Vanadium steel for professional use

PROD. NO.	MOD. NO.	Pieces	Drive	Length
<b>SETS</b>				
<b>690124</b>	SE38-3SL	3	3/8"	3, 6, 10"
<b>690125</b>	SE12-3SL	3	1/2"	3, 5, 10"
<b>OPEN STOCK</b>				
<b>671947</b>	SA3804L	—	3/8"	3"
<b>671948</b>	SA3806L	—	3/8"	6"
<b>671949</b>	SA3808L	—	3/8"	10"
<b>672947</b>	SA1203L	—	1/2"	3"
<b>672948</b>	SA1204L	—	1/2"	5"
<b>672949</b>	SA1205L	—	1/2"	10"



## Chrome Sockets



690124



690125

**WARNING:** Do not use chrome sockets on impact wrenches

## Chrome Sockets



690122



690123

# SOCKET ACCESSORIES

CrV

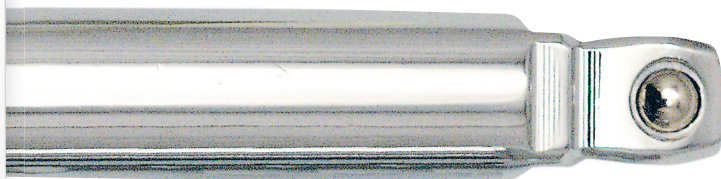
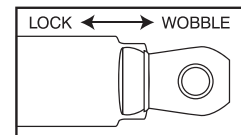
### 2 Way Wobble Extension Bars

- Two position extensions provide regular or wobble drive
- Place socket in first position for wobble drive; allows improved access to hard-to-reach areas
- Push socket down to second position to "lock" it solidly in place; allows maximum torque
- Each extension replaces two others but doesn't cost twice as much
- Highest quality Chrome Vanadium steel for professional use

PROD. NO.	MOD. NO.	Pieces	Drive	Length
<b>SETS</b>				
<b>690122</b>	SE38-4SW	4	3/8"	1-3/4, 3, 6, 10"
<b>690123</b>	SE12-3SW	3	1/2"	2, 5, 10"

### OPEN STOCK

<b>671951</b>	SA3803W	—	3/8"	1-3/4"
<b>671952</b>	SA3804W	—	3/8"	3"
<b>671953</b>	SA3806W	—	3/8"	6"
<b>671954</b>	SA3808W	—	3/8"	10"
<b>672951</b>	SA1203W	—	1/2"	2"
<b>672952</b>	SA1204W	—	1/2"	5"
<b>672953</b>	SA1205W	—	1/2"	10"



**WARNING:** Do not use chrome sockets on impact wrenches



# Ratchet Wrenches

1/4 TO 1" DRIVE RATCHETS

OVAL / ROUND HEAD

FLEX HEAD

TWIST DRIVE RATCHETS

SWIVEL HEAD RATCHETS

RATCHET ADAPTORS

JET has developed the most comprehensive, innovative and durable line of ratchets in the industry.





## Ratchet Wrenches



670926 - 672927

Includes bonus MHR-3860 3/8" drive mini head ratchet



690106



670929 - 672929

# 1/4", 3/8" & 1/2" DRIVE

CrV

### RHQ Series Oval Head

- All components are forged from superior quality Chrome Vanadium steel
- New increased tooth configurations offer finer ratcheting mechanisms
- Available in regular and extra long models
- Push button quick release feature holds sockets on securely until ready to release
- Convenient reversing switch can be operated with one hand
- Comfortable handle style
- Mirror polish finish
- Repair kits available
- All ratchets are designed for use by professionals
- Meets or exceeds A.N.S.I. specifications

PROD. NO.	MOD. NO.	Drive	Length (overall)	Teeth	Quick Release
<b>670926</b>	RHQ-14	<b>1/4"</b>	5-1/2"	48	Yes
<b>670928</b>	RHQ-14L	<b>1/4"</b>	7"	48	Yes
<b>671926</b>	RHQ-38	<b>3/8"</b>	8"	48	Yes
<b>671945</b>	RHQ-38L	<b>3/8"</b>	11-3/4"	48	Yes
<b>672926</b>	RHQ-12	<b>1/2"</b>	10"	48	Yes
<b>672927</b>	RHQ-12L	<b>1/2"</b>	15"	48	Yes

CrV

### 3 Piece RHQ Series Set

- Contains one each of 1/4, 3/8 and 1/2" RHQ ratchets
- RHQ-3SB oval head set **includes bonus MHR-3860 3/8" drive mini head ratchet!**

PROD. NO.	MOD. NO.	Drive	Pieces	Teeth	Quick Release
<b>690106</b>	RHQ-3SB	<b>1/4, 3/8, 1/2"</b>	3	48/60	Yes

CrV

### RHQ-F Series Oval Head - Heavy Duty

- Flex head feature allows access into awkward locations
- Same quality features as our RHQ series

PROD. NO.	MOD. NO.	Drive	Length (overall)	Teeth	Quick Release
<b>670929</b>	RHQ-14F	<b>1/4"</b>	6-1/4"	48	Yes
<b>671942</b>	RHQ-38FS	<b>3/8"</b>	4-1/2"	48	Yes
<b>671943</b>	RHQ-38F2	<b>3/8"</b>	11-1/2"	48	Yes
<b>672929</b>	RHQ-12F	<b>1/2"</b>	17-1/2"	48	Yes

Replacement repair kits listed in the back of the catalogue

www.jetequipment.com

CrV

## HT72 Series High Torque

- All metal components are forged from superior quality Chrome Vanadium steel
- High torque 72 tooth twin pawl ratcheting system exceeds A.N.S.I. standards for torque
- 5° maximum movement between each engagement of teeth
- Push button quick release feature holds sockets on securely until ready to release
- Comfortable ergonomic handle design with anti-slip strips improves gripping power and reduces operator fatigue
- Spinner ring for use in areas with restricted space
- Convenient hanging hole
- Patented offset ratchet handle offers unique safety features – reduces knuckle damage and improves socket positioning
- Repair kits available

PROD. NO.	MOD. NO.	Drive	Length (overall)	Teeth	Quick Release
670927	HT-1472	1/4"	5-1/2"	72	Yes
671928	HT-3872	3/8"	7-3/4"	72	Yes
672928	HT-1272	1/2"	10"	72	Yes

CrV

## 3 Piece HT72 Series Set

690104 / HT-72S

- Contains 1 each: 1/4, 3/8 and 1/2" ratchets above



## Ratchet Wrenches



## Ratchet Wrenches

Push through anvil  
to reverse direction



671923

672922

671922

670922



890512

## 1/4", 3/8" & 1/2" DRIVE

CrV CrMo

### Twist Drive Ratchets

- Patented Twist Drive action drives sockets without swinging handle – 0° swing arc!
- Special design drives socket in one direction while twisting handle in both directions
- Allows for super fast running of fasteners when space is limited
- Works like a regular ratchet for additional torque
- Co-moulded handle materials provide all day comfort and non-slip grip
- Chrome Vanadium steel handle with Chrome Molybdenum drive for maximum strength
- Available in 6 piece POP display

PROD. NO.	MOD. NO.	Drive	Length (overall)	Teeth
671923	TD-3860	3/8"	9-1/4"	60
<b>new</b> 672923	TD-1260	1/2"	11-1/2"	60

CrMo CrV

### 270° Swivel Head Ratchets

- Unique 270° rotating head provides ultimate flex head function
- Only the head rotates, providing maximum flex positions while maintaining smallest profile
- 72 tooth quick release ratchet head requires only 5° swing room
- Convenient direction switch on head is accessible from any angle
- Chrome Vanadium steel handle with Chrome Molybdenum drive gears
- Co-moulded handle grip provides all day comfort and non-slip grip
- Available in 9 piece POP display (3 of each drive size) - **890512**

PROD. NO.	MOD. NO.	Drive	Length (overall)	Teeth	Quick Release
670922	SH270-14	1/4"	5-7/8"	72	Yes
671922	SH270-38	3/8"	9-1/4"	72	Yes
672922	SH270-12	1/2"	11-7/8"	72	Yes



Head Swivels 270°

Replacement repair kits listed in the back of the catalogue

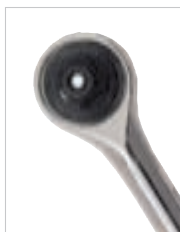


### Special Purpose Ratchets

#### Mini Head Ratchet Wrench

671941

- Mini head and ultra slim body design allows access into confined areas
- Smooth, 60 tooth ratcheting action offers an extremely small swing area – 6°
- Push button quick release
- Full polish, mirror finish



Mini Head

#### Articulating Head Ratchet Wrench

671944

- 3/8" drive ratchet head rotates around articulating joint, providing up to 8x the speed of a regular ratchet
- Rotating head can be locked in any position to clear obstacles and provide maximum access
- 6140 Chrome Vanadium steel for professional use
- Mirror polished finish
- Meets A.N.S.I. torque rating for 3/8" drive ratchets



Articulating Joint

PROD. NO.	MOD. NO.	Drive	Length (overall)	Teeth	Quick Release
671941	MHR-3860	3/8"	7-3/4"	60	Yes
671944	HSR-3800	3/8"	10-1/4"	48	Yes

#### 4 Piece Ratchet Wrench Adaptor Set

701196 / RWAS-4

- 1/4", 3/8", and 1/2" socket adaptors and 1/4" hex bit adaptor provide maximum versatility by turning your ratcheting wrench set into a full wrench, bit, and socket drive set
- Converts the wrench into an extremely low profile ratchet for access to the most limited spaces
- Works with flat, reversing, and flex head ratcheting combination wrenches
- Requires 3/8", 1/2", and 3/4" ratcheting wrenches (sold separately)
- Available in 4 pc set only
- **CONTENTS:**
- **1/4" hex bit adaptor** for use with 3/8" ratcheting wrench
- **1/4" drive socket adaptor** for use with 3/8" ratcheting wrench
- **3/8" drive socket adaptor** for use with 1/2" ratcheting wrench
- **1/2" drive socket adaptor** for use with 3/4" ratcheting wrench
- Ratcheting wrenches sold separately



671941

Push Button  
"Quick Release"



671944

**JET**  
EXCLUSIVE

**new**

Adaptor set  
converts ratcheting  
combination  
wrenches to socket  
or bit drivers



Socket adaptors  
complete with quick  
release feature





JET ratcheting adaptors provide the most versatile system for all your ratcheting needs.

*These adaptors can be used with:*

*1. All lengths of flex bars*



*2. Sliding T-Bars*



*3. Socket Extensions*



### Ratcheting Adaptors

- 3 way ratcheting adaptors turn any suitably sized flex bar, sliding T-Bar, or extension bar into a reversible ratchet
- Square drive hole plus round through hole allows use with most drive tools
- Can also be used as a finger ratchet
- Chrome Vanadium steel with Chrome Molybdenum drive anvil for maximum strength
- 52 teeth requires just 7° swing arc for use in very close quarters
- Blow mould case



PROD. NO.	MOD. NO.	Drive	Pieces
<b>3 PIECE SET</b>			
<b>690107</b>	RA352	1/4", 3/8", 1/2"	3
<b>OPEN STOCK</b>			
<b>670921</b>	RA1452	1/4"	Open Stock
<b>671921</b>	RA3852	3/8"	Open Stock
<b>672921</b>	RA1252	1/2"	Open Stock

### RH Series - Standard Duty

- A.N.S.I. rated
- Professional quality at an economical price

PROD. NO.	MOD. NO.	Drive	Length (overall)	Teeth	Quick Release
<b>673901</b>	RH-75	<b>3/4"</b>	20"	42	No
<b>674901</b>	RH-100	<b>1"</b>	26"	24	No

### RHQ Series Oval Head - Heavy Duty

PROD. NO.	MOD. NO.	Drive	Length (overall)	Teeth	Quick Release
<b>673922</b>	RHQ-34	<b>3/4"</b>	19-1/2"	24	Yes

### HT72 Series High Torque - Heavy Duty

- 72 teeth require just 5° swing room to engage next tooth
- Ideal for fasteners in restricted areas
- Extra heavy pawl spring keeps 8 teeth engaged at all times for maximum strength
- Quick release feature locks accessories to ratchet
- One piece drop forged head and handle

PROD. NO.	MOD. NO.	Drive	Length (overall)	Teeth	Quick Release
<b>673924</b>	HT-3472	<b>3/4"</b>	20"	72	Yes



673901

674901



673922

Push Button  
"Quick Release"

**JET**  
EXCLUSIVE



673924

Push Button  
"Quick Release"



## Ratchet Wrenches

## 3/4" & 1" DRIVE

CrV

### RHD Series - Super Heavy Duty

- All components made from the best quality Chrome Vanadium steel
- Designed to withstand the toughest applications
- Handles sold separately (*see below*)



### Heads

PROD. NO.	MOD. NO.	Drive	Teeth	Quick Release
<b>673923</b>	RHD-3400	<b>3/4"</b>	40	No
<b>674906</b>	RHD-1036	<b>1"</b>	36	No

### Handles

PROD. NO.	MOD. NO.	Length (overall)
<b>673913</b>	DH-3400	20" for RHD-3400, SA-7509, SA-7510
<b>673914</b>	TDH-3400	20" - 32" for RHD-3400, SA-7509, SA-7510
<b>674907</b>	DH-1036	25" for RHD-1036



674906

673923

For 3/4" heads



673913

20 - 32"



673914

For 1" heads



674907

Replacement repair kits listed in the back of the catalogue



# Impact Sockets

3/8" TO 1" DRIVE

UNIVERSAL SOCKETS

MAG WHEEL SOCKETS

TORQUE LIMITING STICKS

HEX & TORX® BITS SOCKETS

TRUCK TIRE SOCKETS

ACCESSORIES

The secret to the most superior sockets in the industry lies in the base material and method of heat treatment!



## TORQUE DRIVE®



## 3/8" DRIVE SOCKET SETS

### ⚡ Hand Tools shown in this section feature:

- Sockets made of the finest quality S.A.E. 4140 Chrome Molybdenum high impact steel
- TORQUE DRIVE® socket design contacts the fastener on the sides instead of the corners, reducing fastener rounding and allowing up to 20% more torque
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Extra long deep sockets ensure maximum accessibility
- Meets or exceeds U.S. Federal Specs: GGG-W-660A and A.N.S.I. B107.2



### 8 Piece S.A.E. - 6 Point

610201 / PS838

#### STANDARD LENGTH S.A.E.

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

- Blow mould case



### 8 Piece Deep S.A.E. - 6 Point

610203 / PS838D

#### DEEP LENGTH S.A.E.

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

- Blow mould case



### 12 Piece S.A.E. - 6 Point

610207 / PS1238

#### STANDARD LENGTH S.A.E.

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

- Blow mould case



### 12 Piece Deep S.A.E. - 6 Point

610208 / PS1238D

#### DEEP LENGTH S.A.E.

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

- Blow mould case



### 13 Piece Metric - 6 Point

610217 / PS1438M

#### STANDARD LENGTH METRIC

7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

- Blow mould case



### 13 Piece Deep Metric - 6 Point

610218 / PS1338DM

#### DEEP LENGTH METRIC

7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

- Blow mould case



⚡ **Hand Tools shown in this section feature:**

- Sockets made of the finest quality S.A.E. 4140 Chrome Molybdenum high impact steel
- TORQUE DRIVE® socket design contacts the fastener on the sides instead of the corners, reducing fastener rounding and allowing up to 20% more torque
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Extra long deep sockets ensure maximum accessibility
- Meets or exceeds U.S. Federal Specs: GGG-W-660A and A.N.S.I. B107.2



## 10 Piece S.A.E. - 6 Point

610302 / PS1012

STANDARD LENGTH S.A.E.

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

- Blow mould case



## 10 Piece Deep S.A.E. - 6 Point

610303 / PS1012D

DEEP LENGTH S.A.E.

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

- Blow mould case with removable lid



## 13 Piece S.A.E. - 6 Point

610321 / PS1312

STANDARD LENGTH S.A.E.

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

- Blow mould case



## 13 Piece Deep S.A.E. - 6 Point

610323 / PS1312D

DEEP LENGTH S.A.E.

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

- Blow mould case



## 19 Piece S.A.E. - 6 Point

610328 / PS1912

STANDARD LENGTH S.A.E.

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

- Blow mould case with removable lid



## 19 Piece Deep S.A.E. - 6 Point

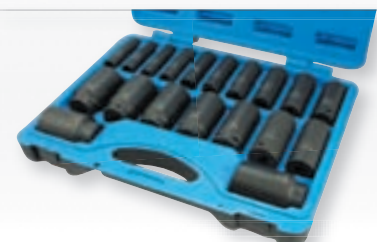
610329 / PS1912D

DEEP LENGTH S.A.E.

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

- Blow mould case with removable lid

# TORQUE DRIVE®



## TORQUE DRIVE



JUMBO Sizes



JUMBO Sizes



6 CrMo

### 8 Piece JUMBO S.A.E. - 6 Point

610314 / PS812

STANDARD LENGTH S.A.E.

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

- Blow mould case

6 CrMo

### 8 Piece JUMBO Deep S.A.E. - 6 Point

610315 / PS812D

DEEP LENGTH S.A.E.

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

- Blow mould case with removable lid

6 CrMo

### 12 Piece Metric - 6 Point

610308 / PS1212M

STANDARD LENGTH METRIC

10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24mm

- Blow mould case

6 CrMo

### 12 Piece Deep Metric - 6 Point

610310 / PS1212DM

DEEP LENGTH METRIC

10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24mm

- Blow mould case

# TORQUE DRIVE



### 22 Piece Metric - 6 Point

610338 / PS2212M

STANDARD LENGTH METRIC

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

- Blow mould case with removable lid



### 22 Piece Deep Metric - 6 Point

610339 / PS2212DM

DEEP LENGTH METRIC

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

- Blow mould case with removable lid



### 12 Piece JUMBO Metric - 6 Point

610334 / PS1212LM

STANDARD LENGTH METRIC

23, 24, 25, 26, 27, 28, 30, 32, 33, 34, 35, 36mm

- Blow mould case



### 12 Piece JUMBO Deep Metric - 6 Point

610335 / PS122DLM

DEEP LENGTH METRIC

23, 24, 25, 26, 27, 28, 30, 32, 33, 34, 35, 36mm

- Blow mould case with removable lid



### 27 Piece Deep S.A.E./Metric - 6 Point

610327 / PS2712DC

DEEP LENGTH S.A.E.

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

DEEP LENGTH METRIC

10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24mm

STANDARD ACCESSORIES:

- 5" extension and 1" universal joint
- Blow mould case with removable lid



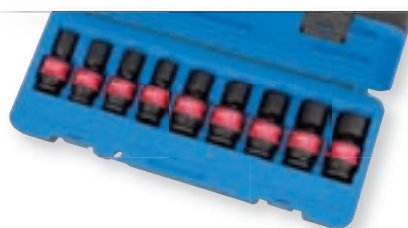
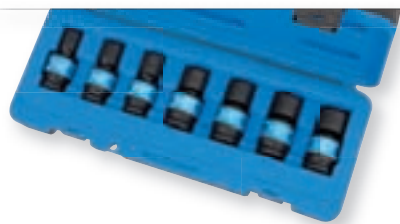
JUMBO Sizes



JUMBO Sizes



## Impact Sockets



610341

## 1/2" DRIVE UNIVERSAL SOCKET SETS

⚡ *Hand Tools shown in this section feature:*

- Made from the best quality S.A.E. 4140 chrome molybdenum high impact steel
- Heavy duty flexible joints allow easier access to fasteners in hard to reach areas
- Reinforcement ring ensures maximum strength

6 CrMo

### 7 Piece S.A.E. Universal - 6 Point

610382 / PSU712

STANDARD LENGTH S.A.E.

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

- Blow mould case

6 CrMo

### 9 Piece Metric Universal - 6 Point

610388 / PSU912M

STANDARD LENGTH METRIC

13, 14, 15, 16, 17, 18, 19, 21, 22mm

- Blow mould case

## MAG WHEEL SOCKETS

⚡ *Hand Tools shown in this section feature:*

- Specially designed for use on high end aluminum and chrome plated wheels
- Premium grade Chrome Molybdenum Steel for professional use
- Plastic sleeve and inner cap to prevent scratches

CrMo

### 1/2" Drive Deep S.A.E. / Metric Sets

PROD. NO.	MOD. NO.	Drive	Pieces	Sizes
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610341	MWPS-512	1/2"	5	13/16", 7/8", 17, 19 (3/4"), 21mm
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- Blow mould case

### 1/2" Drive Deep - Open Stock

PROD. NO.	Drive	Sizes	Replacement Sleeve	Replacement Insert
682867	1/2"	17mm	682981	682991
682869	1/2"	19mm	682982	682992
682871	1/2"	21mm	682983	682993
682876	1/2"	13/16"	682985	682995
682878	1/2"	7/8"	682986	682996



⚡ **Hand Tools shown in this section feature:**

- Specially designed Chrome Molybdenum spring steel flexes at preset torque ratings
- Allows accurate application of specific torque to automobile wheel fasteners
- Prevents over-tightening or uneven tightening of lug nuts, a major cause of wheel and brake rotor damage
- 5 extensions cover most passenger and light truck / SUV wheels
- For use with 1/2" drive impact wrenches rated at 250 ft/lbs and line pressure of 90 – 110 PSI
- For aluminum and chrome wheels, use with JET's 1/2" drive Mag Wheel Power Sockets



### 5 Piece 1/2" Drive Set

PROD. NO.	MOD. NO.	Drive	Pieces	Torque( ft/lbs)
<b>682961</b>	JTLE-5S	1/2"	5	65, 80, 100, 120, 140

- Blow mould case with removable lid

### 1/2" Drive - Open Stock

PROD. NO.	Drive	Torque( ft/lbs)	Length	Colour
<b>682964</b>	1/2"	65	7-3/4"	Yellow
<b>682965</b>	1/2"	80	7-3/4"	Blue
<b>682966</b>	1/2"	100	7-3/4"	Gray
<b>682967</b>	1/2"	120	7-3/4"	White
<b>682968</b>	1/2"	140	7-3/4"	Aqua

				
65 ft/lbs	80 ft/lbs	100 ft/lbs	120 ft/lbs	140 ft/lbs



## TORQUE DRIVE®

## 3/4" DRIVE SOCKET SETS

### ⚡ Hand Tools shown in this section feature:

- Sockets made of the finest quality S.A.E. 4140 Chrome Molybdenum high impact steel
- TORQUE DRIVE® socket design contacts the fastener on the sides instead of the corners, reducing fastener rounding and allowing up to 20% more torque
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Extra long deep sockets ensure maximum accessibility
- Most sets come with two-tone blow mould cases with removable lids for use as an organizer
- Meets or exceeds U.S. Federal Specs: GGG-W-660A and A.N.S.I. B107.2



### 8 Piece S.A.E. - 6 Point

610401 / PS834

#### STANDARD LENGTH S.A.E.

1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2"

- Blow mould case



### 8 Piece Deep S.A.E. - 6 Point

610402 / PS834D

#### DEEP LENGTH S.A.E.

1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2"

- Blow mould case



### 8 Piece JUMBO S.A.E. - 6 Point

610404 / PS834L

#### STANDARD LENGTH S.A.E.

2-1/16, 2-1/8, 2-3/16, 2-1/4, 2-5/16, 2-3/8, 2-7/16, 2-1/2"

- Includes all 8 sizes of 3/4" DR S.A.E. Jumbo Power Sockets from 2-1/16" to 2-1/2"
- Blow mould case with removable lid



### 14 Piece Deep S.A.E. - 6 Point

610406 / PS1434D

#### DEEP LENGTH S.A.E.

3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8"

- Blow mould case with removable lid



### 16 Piece S.A.E. - 6 Point

610403 / PS1634

#### STANDARD LENGTH S.A.E.

3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-3/4, 1-7/8, 2"

- Blow mould case with removable lid



JUMBO Sizes



# 3/4" DRIVE SOCKET SETS



## 21 Piece S.A.E. - 6 Point

610409 / PS2134

STANDARD LENGTH S.A.E.

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

- Includes all 21 sizes of 3/4" DR S.A.E. Power Sockets up to 2"!
- Blow mould case with removable lid



## 21 Piece Deep S.A.E. - 6 Point

610410 / PS2134D

DEEP LENGTH S.A.E.

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

- Includes all 21 sizes of 3/4" DR S.A.E. Deep Power Sockets up to 2"!
- Blow mould case with removable lid

# 1" DRIVE SOCKET SETS

⚡ Hand Tools shown in this section feature:

- Sockets made of the finest quality S.A.E. 4140 Chrome Molybdenum high impact steel
- TORQUE DRIVE® socket design contacts the fastener on the sides instead of the corners, reducing fastener rounding and allowing up to 20% more torque
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Extra long deep sockets ensure maximum accessibility
- Most sets come with two-tone blow mould case with removable lid for use as an organizer
- Meets or exceeds U.S. Federal Specs: GGG-W-660A and A.N.S.I. B107.2



## 9 Piece S.A.E. - 6 Point

610501 / PS901

STANDARD LENGTH S.A.E.

1, 1-1/8, 1-1/4, 1-3/8, 1-1/2, 1-5/8, 1-3/4, 1-7/8, 2"

- Blow mould case with removable lid



## 18 Piece S.A.E. - 6 Point

610509 / PS1801

STANDARD LENGTH S.A.E.

3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-3/4, 1-13/16, 1-7/8, 2"

- Blow mould case with removable lid

## Impact Sockets



**TORQUE DRIVE®**



## TORQUE DRIVE®

# 1" DRIVE SOCKET SETS

⚡ *Hand Tools shown in this section feature:*

- Sockets made of the finest quality S.A.E. 4140 Chrome Molybdenum high impact steel
- TORQUE DRIVE® socket design contacts the fastener on the sides instead of the corners, reducing fastener rounding and allowing up to 20% more torque
- Chamfered edges allow easiest socket placement on fastener, increasing productivity and reducing frustration
- Extra long deep sockets ensure maximum accessibility
- Most sets come with two-tone blow mould case with removable lid for use as an organizer
- Meets or exceeds U.S. Federal Specs: GGG-W-660A and A.N.S.I. B107.2



### 9 Piece Deep S.A.E. - 6 Point

**610503** / PS901D

*DEEP LENGTH S.A.E.*

**1, 1-1/8, 1-1/4, 1-3/8, 1-1/2, 1-5/8, 1-3/4, 1-7/8, 2"**

- Blow mould case with removable lid



### 11 Piece JUMBO Deep S.A.E. - 6 Point

**610504** / PS1101D

*DEEP LENGTH S.A.E.*

**2-1/16, 2-1/8, 2-3/16, 2-1/4, 2-5/16, 2-3/8, 2-7/16, 2-1/2, 2-9/16, 2-5/8, 2-3/4"**

- Blow mould case with removable lid



### 12 Piece JUMBO S.A.E. - 6 Point

**610506** / PS1201

*STANDARD LENGTH S.A.E.*

**2-1/8, 2-1/4, 2-3/8, 2-1/2, 2-9/16, 2-5/8, 2-3/4, 2-7/8, 3, 3-1/8, 3-1/4, 3-1/2"**

- Blow mould case with removable lid



### 16 Piece Deep S.A.E. - 6 Point

**610508** / PS1601D

*DEEP LENGTH S.A.E.*

**7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-3/4, 1-13/16, 1-7/8, 2"**

- Blow mould case with removable lid



JUMBO Sizes



JUMBO Sizes







610515

### ⚡ Hand Tools shown in this section feature:

- Made of highest quality S.A.E. 4140 Chrome Molybdenum steel for maximum strength and durability
- Special sizes designed for use on most truck wheel fasteners



### 11 Piece S.A.E./Metric

- 11 of the most popular S.A.E. and Metric sizes for heavy trucks
- 4 point sockets for inner Budd-style square fasteners
- Special 1-1/2" hex deep socket features controlled depth, preventing contact with inner cap nut
- Deep thin wall sockets designed for use on Dayton style lugnuts where space is limited

PROD. NO.	MOD. NO.	4 Point Shallow Budd Sockets	6 Point Deep Budd Sockets	6 Point Thin Wall Sockets
<b>610515</b>	TTPS-11SM	17mm, 21mm, 13/16"	33mm, 35mm, 38mm, 41mm, 1-1/2" controlled depth	1-1/16, 1-1/8, 1-1/4"

# 1" DRIVE TRUCK TIRE OPEN STOCK

### Budd Wheel Type - 4 Point

- Designed for use on inner budd-style square fasteners

PROD. NO.	Size	Length
<b>684921</b>	13/16"	57mm
<b>684922</b>	15/16"	57mm
<b>684971</b>	17mm	57mm
<b>684975</b>	21mm	57mm

### Budd Wheel Type - 6 Point

- For use on most import and some domestic trucks
- 1-1/2" hex socket features controlled depth, preventing contact with wheel when removing outer cap nuts

PROD. NO.	Size	Length
<b>684614</b>	33mm	98mm
<b>684616</b>	35mm	98mm
<b>684619</b>	38mm	98mm
<b>684622</b>	41mm	98mm
<b>684966</b>	1-1/2" controlled depth	98mm

### Extra Thin Wall Type - 6 Point Deep

- For use on Dayton-style lugnuts that are deeply recessed and where space is limited
- Extra thin wall sockets not a warrantable item

PROD. NO.	Size	Length
<b>684943</b>	1-1/16"	108mm
<b>684944</b>	1-1/8"	108mm
<b>684946</b>	1-1/4"	108mm



684922

684622

684966

684946  
Extra Thin Wall



## 1/2" DRIVE TORX® BIT SOCKET SETS

⚡ *Hand Tools shown in this section feature:*

- Made of SNCM 8660 tool steel for 20% greater torque and 20% greater torsional resistance than regular Chrome Molybdenum bits
- Manganese Phosphate finish



### 10 Piece - TORX®

610326 / PTB1210

3" OVERALL LENGTH TORX®

**T25, T27, T30, T40, T45, T50, T55, T60, T70, T80**

- Blow mould case

## 1/2" DRIVE HEX BIT SOCKET SETS



### 8 Piece S.A.E. - Hex

610331 / PHB-1208

3" OVERALL LENGTH S.A.E.

**1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4"**

- Blow mould case



### 8 Piece Metric - Hex

610333 / PHB1208M

3" OVERALL LENGTH METRIC

**6, 7, 8, 10, 12, 14, 17, 19mm**

- Blow mould case



### 16 Piece S.A.E./Metric - Hex

610340 / PHB-1216C

3" OVERALL LENGTH S.A.E.

**1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4"**

3" OVERALL LENGTH METRIC

**6, 7, 8, 10, 12, 14, 17, 19mm**

- Set contains all popular sizes of hex bit power sockets!
- Blow mould case

TORX® is a registered trademark of Acument Intellectual Properties, LLC.

# 3/4" DRIVE HEX BIT SOCKET SETS

⚡ *Hand Tools shown in this section feature:*

- Made of SNCM 8660 tool steel for 20% greater torque and 20% greater torsional resistance than regular Chrome Molybdenum bits
- Manganese Phosphate finish



## 5 Piece S.A.E. - Hex

610411 / PHB-3405

3" OVERALL LENGTH S.A.E.

5/8, 3/4, 7/8, 1, 1-1/4"

- Blow mould case with removable lid



## 5 Piece Metric - Hex

610421 / PHB3405M

3" OVERALL LENGTH METRIC

17, 19, 22, 24, 27mm

- Blow mould case with removable lid

# 3/8" & 1/2" DRIVE EXTERNAL TORX® SETS

- Sockets made of the finest quality S.A.E. 4140 Chrome Molybdenum high impact steel
- Set features the full range of popular external TORX® sizes
- Convenient blow mould case keeps sockets organized



## 17 Piece - External TORX®

610391 / PTS17C

STANDARD LENGTH E-TORX® POWER SOCKETS:

- 3/8" Drive Sockets: **E5, E6, E7, E8, E10, E12, E14, E16**
- 1/2" Drive Sockets: **E10, E11, E12, E14, E16, E18, E20, E22, E24**
- Blow mould case

## Impact Sockets



## Impact Sockets



610903



610906



682939



682954

# SOCKET ACCESSORIES

⚡ *Hand Tools shown in this section feature:*

- Sockets made of the finest quality S.A.E. 4140 Chrome Molybdenum high impact steel
- Meets or exceeds U.S. Federal Specs: GGG-W-660A and A.N.S.I. B107.2



### Accessory Kits

- Blow mould case keeps all items organized and handy
- A great addition to any mechanic's tool box

PROD. NO.	MOD. NO.	Description	Contains
610903	PSA3812-7	7 Piece Impact Accessory Kit	3/8" dr. x 6" extension, 3/8" dr. U Joint, 3/8"F x 1/2"M adaptor 1/2" dr. x 5" extension, 1/2" U Joint, 1/2"F x 3/8"M adaptor, 1/2"F x 3/4"M adaptor
610906	PSA3401-5	5 Piece Impact Accessory Kit	3/4" dr. U Joint, 1" dr. U Joint, 3/4"F x 1/2"M adaptor, 3/4"F x 1"M adaptor, 1"F x 3/4"M adaptor

### 1/2" Drive Extra Thin Wall Flip Sockets

- Extra thin walls allows access to all recessed lugnuts where clearance is limited
- Thin wall impact sockets not a warrantable item

PROD. NO.	Length	Size
682938	76mm	3/4 x 13/16" hex
682939	76mm	19 x 21mm hex

### Extension Bars

PROD. NO.	Length	Drive
681953	3"	3/8"
681954	6"	3/8"
682954	5"	1/2"
682955	10"	1/2"
683951	6"	3/4"
683953	10"	3/4"
684951	6"	1"

### Socket Adaptors

- Socket adaptors do not carry lifetime warranty

PROD. NO.	Drive Female	Drive Male
681952	3/8"	1/2"
682952	1/2"	3/8"
682953	1/2"	3/4"
683952	3/4"	1/2"
683954	3/4"	1"
684952	1"	3/4"



681952



### Universal Joints

PROD. NO.	Drive Female	Drive Male
<b>681911</b>	3/8"	3/8"
<b>682911</b>	1/2"	1/2"
<b>683955</b>	3/4"	3/4"
<b>684955</b>	1"	1"



681911

683955

**CrMo**

**new**

PROD. NO.	MOD. NO.	Drive Female & Male
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### 3 PIECE SET

<b>610901</b>	PLUJ-3S	1/4, 3/8, 1/2"
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### OPEN STOCK

<b>680915</b>	PLUJ-1414	1/4"
<b>681915</b>	PLUJ-3838	3/8"
<b>682915</b>	PLUJ-1212	1/2"

Drive anvil locks into straight position when swivel function is not required



**new**

### Pin Free Impact Locking U-Joints

- Patented hex ball and socket design eliminates connecting pin for increased safety
- Ball and socket distributes force evenly for greater torque and longer life
- Eliminates broken connecting pins, the major source of U joint failures
- Drive anvil locks into straight position when flex function is not required
- Can be left on impact wrench and engaged only when needed



610901  
3 Piece Set

**JET**  
EXCLUSIVE

**Lifetime**  
Warranty

**new**

PROD. NO.	MOD. NO.	Drive Female	Drive Male
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### 5 PIECE SET

<b>610902</b>	PLUJ-5S	See Below	
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### OPEN STOCK

<b>680918</b>	PLUJ-1438	1/4"	3/8"
<b>681917</b>	PLUJ-3814	3/8"	1/4"
<b>681918</b>	PLUJ-3812	3/8"	1/2"
<b>682917</b>	PLUJ-1238	1/2"	3/8"
<b>682918</b>	PLUJ-1234	1/2"	3/4"

Drive anvil locks into straight position when swivel function is not required



**new**

### Pin Free Impact U-Joint Adaptors

- Same features as above



610902  
5 Piece Set

**JET**  
EXCLUSIVE

**Lifetime**  
Warranty

# Impact Sockets

**S.A.E.** OPEN STOCK

⚡ Hand Tools shown in this section feature:

- Sockets made of the finest quality S.A.E. 4140 Chrome Molybdenum high impact steel
- Meets or exceeds U.S. Federal Specs: GGG-W-660A and A.N.S.I. B107.2

CrMo

Drive	3/8"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"	1"	1"
Size S.A.E.	Regular 6 pt.	Deep 6 pt.	Regular 6 pt.	Deep 6 pt.	Universal Regular 6pt.	Regular 6 pt.	Deep 6 pt.	Regular 6 pt.	Deep 6 pt.
5/16"	681110	681210							
3/8"	681112	681212	682112	682212					
7/16"	681114	681214	682114	682214					
1/2"	681116	681216	682116	682216	682316				
9/16"	681118	681218	682118	682218	682318				
5/8"	681120	681220	682120	682220	682320				
11/16"	681122	681222	682122	682222	682322				
3/4"	681124	681224	682124	682224	682324	683124	683224	684124	
13/16"	681126	681226	682126	682226	682326	683126	683226	684126	
7/8"	681128	681228	682128	682228	682328	683128	683228	684128	684228
15/16"	681130	681230	682130	682230		683130	683230	684130	684230
1"	681132	681232	682132	682232		683132	683232	684132	684232
1-1/16"			682134	682234		683134	683234	684134	684234
1-1/8"			682136	682236		683136	683236	684136	684236
1-3/16"			682138	682238		683138	683238	684138	684238
1-1/4"			682140	682240		683140	683240	684140	684240
1-5/16"			682142	682242		683142	683242	684142	684242
1-3/8"			682144	682244		683144	683244	684144	684244
1-7/16"			682146	682246		683146	683246	684146	684246
1-1/2"			682148	682248		683148	683248	684148	684248
1-9/16"			682150	682250		683150	683250	684150	684250
1-5/8"			682152	682252		683152	683252	684152	684252
1-11/16"			682154	682254		683154	683254	684154	684254
1-3/4"			682156	682256		683156	683256	684156	684256
1-13/16"			682158	682258		683158	683258	684158	684258
1-7/8"			682160	682260		683160	683260	684160	684260
1-15/16"			682162	682262		683162	683262	684162	684262
2"			682164	682264		683164	683264	684164	684264

Drive	3/4"	1"	1"
Size S.A.E.	Regular 6 pt.	Regular 6 pt.	Deep 6 pt.
2-1/16"	683166	684165	684266
2-1/8"	683168	684166	684268
2-3/16"	683170	684167	684270
2-1/4"	683172	684168	684272
2-5/16"	683174	684169	684274
2-3/8"	683176	684170	684276
2-7/16"	683178	684171	684278
2-1/2"	683180	684172	684280
2-9/16"		684173	684282
2-5/8"		684174	684284
2-11/16"		684175	
2-3/4"		684176	684288
2-13/16"		684177	
2-7/8"		684178	
2-15/16"		684179	
3"		684180	
3-1/8"		684182	
3-1/4"		684184	
3-3/8"		684186	
3-1/2"		684188	
3-5/8"		684190	
3-3/4"		684192	
3-7/8"		684194	
4"		684196	
4-1/8"		684197	
4-1/4"		684198	
4-1/2"		684199	

⚡ Hand Tools shown in this section feature:

- Sockets made of the finest quality 4140 Chrome Molybdenum high impact steel
- Meets or exceeds U.S. Federal Specs: GGG-W-660A and A.N.S.I. B107.2

CrMo

Drive	3/8"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"
Metric (mm)	Regular 6 pt.	Deep 6 pt.	Regular 6 pt.	Deep 6 pt.	Universal Regular 6 pt.	Regular 6 pt.	Deep 6 pt.
7mm	681507 (new)	681607					
8mm	681508	681608					
9mm	681509	681609					
10mm	681510	681610	682510	682610			
11mm	681511	681611	682511	682611			
12mm	681512	681612	682512	682612			
13mm	681513	681613	682513	682613	682713		
14mm	681514	681614	682514	682614	682714		
15mm	681515	681615	682515	682615	682715		
16mm	681516	681616	682516	682616	682716		
17mm	681517	681617	682517	682617	682717		
18mm	681518	681618	682518	682618	682718		
19mm	681519	681619	682519	682619	682719	683519	683619
20mm			682520	682620			
21mm			682521	682621	682721	683521	683621
22mm			682522	682622	682722	683522	683622
23mm			682523	682623		683523	683623
24mm			682524	682624		683524	683624
25mm			682525	682625			
26mm			682526	682626		683526	683626
27mm			682527	682627		683527	683627
28mm			682528	682628			
29mm			682529	682629		683529	683629
30mm			682530	682630		683530	683630
32mm			682532	682632		683532	683632
33mm			682533	682633		683533	683633
34mm			682534	682634			
35mm			682535	682635		683535	683635
36mm			682536	682636		683536	683636
38mm						683538	683638
41mm						683541	683641
46mm						683546	683646
50mm						683550	683650

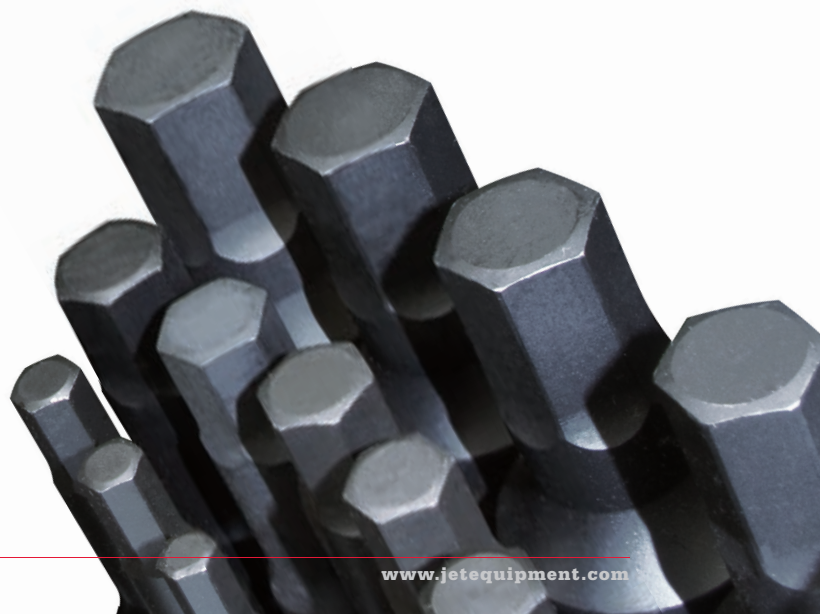
⚡ *Hand Tools shown in this section feature:*

- Made with premium quality SNCM8660 tool steel for 20% greater torsional resistance than Chrome Molybdenum bits

Drive Hex Bits	1/2" 3" Length Hex Bit	3/4" 3-1/2" Length Hex Bit
1/4"	687211	
5/16"	687212	
3/8"	687213	
7/16"	687214	
1/2"	687215	
9/16"	687216	
5/8"	687217	687320
3/4"	687219	687324
7/8"		687328
1"		687332
1-1/4"		687340
6mm	687261	
7mm	687262	
8mm	687263	
10mm	687265	
12mm	687267	
14mm	687269	
17mm	687272	687367
19mm	687274	687369
22mm		687372
24mm		687374
27mm		687377

Drive TORX® Bits	3/8" External Torx® Socket	1/2" External Torx® Socket	1/2" 3" Length Torx® Bit
E5	688055		
E6	688056		
E7	688057		
E8	688058		
E10	688060	688110	
E11		688111	
E12	688062	688112	
E14	688064	688114	
E16	688066	688116	
E18		688118	
E20		688120	
E22		688122	
E24		688124	
T25			687821
T27			687822
T30			687823
T40			687825
T45			687826
T50			687827
T55			687828
T60			687829
T70			687831
T80			687833

TORX® is a registered trademark of Acument Intellectual Properties, LLC.





The background of the page is a photograph of various types of wrenches. In the center is a large, silver-colored flare nut wrench with a circular end. To its left and right are several adjustable wrenches of different sizes. In the foreground, a row of five combination wrenches is laid out, with their sizes (21, 22, 19, 18, 17) visible on the heads. Other smaller wrenches are scattered in the background, some in blue tool bags.

# Wrenches

**FLARE NUT / CROWFOOT**

**ADJUSTABLE WRENCHES**

**RATCHETING WRENCHES**

**COMBINATION WRENCHES**

**STUBBY WRENCHES**

It has been said that you can never have enough wrenches in your tool box...



## TORQUE DRIVE®



700110



700115



700121



700177



700201

# COMBINATION WRENCHES RAISED PANEL

## ⚡ Hand Tools shown in this section feature:

- JET raised panel combination wrenches are made with industrial quality S.A.E. 6140 Chrome Vanadium steel (up to 1-1/4" or 32mm sizes)
- All wrenches feature TORQUE DRIVE® box ends for increased torque
- Wrench size stamped on head for easy identification
- Sets are supplied with industrial strength terylene pouches
- All sets meet ASME B107.6 and ASME B107.9M A.N.S.I. specifications



### S.A.E. Wrench Sets

PROD. NO.	MOD. NO.	Pieces (Total)	Size
<b>700110</b>	CWS-6S*	6	3/8, 7/16, 1/2, 9/16, 5/8, 3/4"
<b>700115</b>	CWS-11S*	11	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1"
<b>700121</b>	CWS-16S*	16	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4"

\* All wrench sets come with high quality terylene pouch



### Metric Wrench Sets

PROD. NO.	MOD. NO.	Pieces (Total)	Size
<b>700167</b>	CWS-11M*	11	8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19mm
<b>700173</b>	CWS-16M*	16	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24mm
<b>700177</b>	CWS-22M*	22	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 30, 32mm

\* All wrench sets come with high quality terylene pouch



### S.A.E. / Metric Wrench Set

PROD. NO.	MOD. NO.	Pieces (Total)	Size
<b>700201</b>	CWS-32SM	32	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4" / 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24mm

- Blow mould case



700510

Size stamped on both sides for quick identification (up to 1-1/4" / 32mm)



Box end features **TORQUE DRIVE®** pattern for increased torque





### S.A.E. Jumbo Wrench Sets

- JET Jumbo wrenches are made with industrial quality S45C Alloy Steel
- Extra heavy drop forgings and premium curved shaft edges ensure maximum strength and comfort
- Not available with TORQUE DRIVE®

PROD. NO.	MOD. NO.	Pieces (Total)	Size
<b>700125</b>	JCW-6	6	1-3/8, 1-1/2, 1-5/8, 1-3/4, 1-7/8, 2"
<b>700128</b>	JCW-10-2	10	1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-11/16, 1-3/4, 1-13/16, 1-7/8, 2"



700128



700521



### S.A.E. Wrenches Open Stock

- S.A.E. 6140 CrV Steel

PROD. NO.	Size
<b>700501</b>	1/4"
<b>700502</b>	5/16"
<b>700503</b>	3/8"
<b>700504</b>	7/16"
<b>700505</b>	1/2"
<b>700506</b>	9/16"
<b>700507</b>	5/8"
<b>700508</b>	11/16"
<b>700509</b>	3/4"
<b>700510</b>	13/16"
<b>700511</b>	7/8"
<b>700512</b>	15/16"
<b>700513</b>	1"
<b>700514</b>	1-1/16"
<b>700515</b>	1-1/8"
<b>700517</b>	1-1/4"

### S.A.E. Jumbo Wrenches Open Stock

- S45C alloy steel

PROD. NO.	Size
<b>700518</b>	1-5/16"
<b>700519</b>	1-3/8"
<b>700520</b>	1-7/16"
<b>700521</b>	1-1/2"
<b>700523</b>	1-5/8"
<b>700524</b>	1-11/16"
<b>700525</b>	1-3/4"
<b>700526</b>	1-13/16"
<b>700527</b>	1-7/8"
<b>700529</b>	2"
<b>700531</b>	2-1/8"
<b>700533</b>	2-1/4"
<b>700535</b>	2-3/8"
<b>700537</b>	2-1/2"



### Metric Wrenches Open Stock

- S.A.E. 6140 CrV Steel

PROD. NO.	Size
<b>700552</b>	7mm
<b>700553</b>	8mm
<b>700554</b>	9mm
<b>700555</b>	10mm
<b>700556</b>	11mm
<b>700557</b>	12mm
<b>700558</b>	13mm
<b>700559</b>	14mm
<b>700560</b>	15mm
<b>700561</b>	16mm
<b>700562</b>	17mm
<b>700563</b>	18mm
<b>700564</b>	19mm
<b>700565</b>	20mm
<b>700566</b>	21mm
<b>700567</b>	22mm
<b>700568</b>	23mm
<b>700569</b>	24mm
<b>700571</b>	26mm
<b>700572</b>	27mm
<b>700575</b>	30mm
<b>700577</b>	32mm



**TORQUE DRIVE**

700134



700132

700182



700185



700186

700136

# COMBINATION WRENCHES

## FULLY POLISHED

⚡ *Hand Tools shown in this section feature:*

- Exclusive TORQUE DRIVE® non-slip open ends
- Long pattern and extra long pattern design allows greater torque and improved access to hard to reach areas
- Super strong S.A.E. 6140 Chrome Vanadium steel for strength and durability
- 15° offset – optimal for most applications
- Fully polished mirror finish
- Extra slim design allows access to the most confined spaces
- All wrenches meet ASME B107.6 and ASME B107.9M A.N.S.I. specifications



### Long Pattern S.A.E. Wrench Sets

PROD. NO.	MOD. NO.	Pieces (total)	Size
700132	LCWS-11S	11	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8" Plastic Rack
700134	LCWS-14S	14	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4" Terylene Pouch



### Long Pattern Metric Wrench Sets

PROD. NO.	MOD. NO.	Pieces (total)	Size
700182	LCWS-11M	11	8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19mm Plastic Rack
700185	LCWS-16M	16	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24mm Terylene Pouch

**new**

### Extra Long Pattern Wrench Sets

- Same quality features as shown above
- Extra length for hard-to-reach fasteners and greater torque

PROD. NO.	MOD. NO.	Pieces (total)	Size
700136	LCWS-11XLS	11	8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19mm
700186	LCWS-11XLM	11	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8"





### Long Pattern S.A.E. Wrenches Open Stock

PROD. NO.	Size
700621	1/4"
700622	5/16"
700623	3/8"
700624	7/16"
700625	1/2"
700626	9/16"
700627	5/8"
700628	11/16"
700629	3/4"
700630	13/16"
700631	7/8"
700632	15/16"
700633	1"
700634	1-1/16"
700635	1-1/8"
700637	1-1/4"



### Long Pattern Metric Wrenches Open Stock

PROD. NO.	Size
700672	7mm
700673	8mm
700674	9mm
700675	10mm
700676	11mm
700677	12mm
700678	13mm
700679	14mm
700680	15mm
700681	16mm
700682	17mm
700683	18mm
700684	19mm
700685	20mm
700686	21mm
700687	22mm
700688	23mm
700689	24mm



### Extra Long Pattern Wrenches Open Stock

#### S.A.E.

PROD. NO.	Size
700801	1/4"
700802	5/16"
700803	3/8"
700804	7/16"
700805	1/2"
700806	9/16"
700807	5/8"
700808	11/16"
700809	3/4"
700810	13/16"
700811	7/8"

#### METRIC

700853	8mm
700854	9mm
700855	10 mm
700856	11mm
700857	12mm
700858	13mm
700859	14mm
700860	15mm
700862	17mm
700863	18mm
700864	19mm

## ANOTHER JET ADVANTAGE

*Non-slip open ends in series:*  
**FULLY POLISHED COMBINATION  
WRENCHES**

**EXTRA LONG FULLY POLISHED  
COMBINATION WRENCHES**

All wrenches feature **TORQUE DRIVE®**  
box ends for increased torque



All professional wrenches in this category feature exclusive "non-slip" open ends for increased torque and use on rounded fasteners  
**Check and compare!**

# TORQUE DRIVE®



700141



700191



## COMBINATION WRENCHES STUBBY POLISHED

⚡ *Hand Tools shown in this section feature:*

- Extra short pattern style allows you to access confined areas
- Fully polished for clean professional look and feel
- 12 point TORQUE DRIVE® box end applies force to sides of fasteners, reducing corner rounding and allowing 20% more torque
- 15° offset is optimal for most applications
- Heavy duty drop forged S.A.E. 6140 Chrome Vanadium steel made for professionals
- Meets ASME B107.6 and ASME B107.9M A.N.S.I. Standards

**12** CrV

### Stubby S.A.E. Wrench Set

PROD. NO.	MOD. NO.	Pieces (total)	Size
<b>700141</b>	SCWS-7S	7	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4" Plastic Rack

**12** CrV

### Stubby Metric Wrench Set

PROD. NO.	MOD. NO.	Pieces (total)	Size
<b>700191</b>	SCWS-7M	7	10, 12, 13, 15, 17, 18, 19mm Plastic rack



CrV

### Stubby S.A.E. Wrenches Open Stock

PROD. NO.	Size
<b>700703</b>	3/8"
<b>700704</b>	7/16"
<b>700705</b>	1/2"
<b>700706</b>	9/16"
<b>700707</b>	5/8"
<b>700708</b>	11/16"
<b>700709</b>	3/4"

### Stubby Metric Wrenches Open Stock

PROD. NO.	Size
<b>700755</b>	10mm
<b>700757</b>	12mm
<b>700758</b>	13mm
<b>700760</b>	15mm
<b>700762</b>	17mm
<b>700763</b>	18mm
<b>700764</b>	19mm

⚡ **Hand Tools shown in this section feature:**

- Exclusive TORQUE DRIVE® non-slip open ends and 12 point box ends for superior grip
- 72 tooth ratchet mechanism exceeds the A.N.S.I. torque ratings for a fixed wrench by more than 30%
- Superior grade 6140 Chrome Vanadium steel
- Flat style allows maximum access to confined areas – just flip wrench over to reverse
- Fully polished surface resists corrosion
- Complete with plastic carrying rack

### Non-Reversing



Flip wrench to reverse direction

12 CrV

### Long Pattern S.A.E. Wrench Sets – Non-Reversing

PROD. NO.	MOD. NO.	Pieces (total)	Size
700308	RCWS-8S	8	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"
700312	RCWS-13S	13	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1"

### Long Pattern Metric Wrench Sets – Non-Reversing

PROD. NO.	MOD. NO.	Pieces (total)	Size
700164	RCWS-7M	7	8, 10, 12, 13, 14, 15, 18mm
700361	RCWS-12M	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

## TORQUE DRIVE®



700308



700312



700164



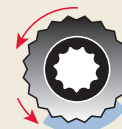
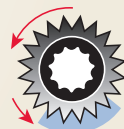
700361



All professional wrenches in this category feature exclusive "non-slip" open ends for increased torque and use on rounded fasteners  
**Check and compare!**

**JET**  
RATCHETING WRENCH

OTHER  
LEADING BRAND



**JET's** deeper broached teeth allow greater torque loads and ensure positive tooth engagement

See page 78 for open stock wrenches

## TORQUE DRIVE

700321



700322



700371



700372

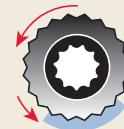
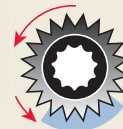


All professional wrenches in this category feature exclusive "non-slip" open ends for increased torque and use on rounded fasteners  
**Check and compare!**



**JET**  
RATCHETING WRENCH

OTHER  
LEADING BRAND



**JET's** deeper broached teeth allow greater torque loads and ensure positive tooth engagement

### Reversing



12 CrV

### Long Pattern S.A.E. Wrench Sets – Reversing

- Same great features as flat style, but with reversing lever
- Allows 15° offset for clearance
- Low profile lever does not add height to the box end, maintaining clearance
- Rated at 1.2 x A.N.S.I. torque values

PROD. NO.	MOD. NO.	Pieces (total)	Size
<b>700321</b>	RCWS-8SR	8	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"
<b>700322</b>	RCWS-13SR	13	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1"

12 CrV

### Long Pattern Metric Wrench Sets – Reversing

PROD. NO.	MOD. NO.	Pieces (total)	Size
<b>700371</b>	RCWS-7MR	7	8, 10, 12, 13, 14, 15, 18mm
<b>700372</b>	RCWS-12MR	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

See page 78 for open stock wrenches



### TORQUE DRIVE



Extra long pattern ratcheting wrench is up to **25% longer** than traditional wrenches



700336



700386

**new** 12 CrV

#### Extra Long Pattern Wrench Sets

- Extra length for hard-to-reach fasteners
- Up to 25% longer than traditional ratcheting wrenches

PROD. NO.	MOD. NO.	Pieces (total)	Size
<b>700336</b>	RCWS-9XLS	9	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"
<b>700386</b>	RCWS-12XLM	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

**new** 12 CrV

#### Long Pattern Flex Head Wrench Sets

- Flex head design allows up to 180° flex for increased access to confined areas
- Light tension holds position while allowing easy adjustment of angle

PROD. NO.	MOD. NO.	Pieces (total)	Size
<b>700331</b>	RCWS-11FS	1	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8"
<b>700381</b>	RCWS-11FM	11	8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19mm



700331



700381



Flex head design  
180° swing

See page 78 for open stock wrenches



## S.A.E. Open Stock Non-Reversing

## Metric Open Stock Non-Reversing

## S.A.E. Open Stock Reversing

## Metric Open Stock Reversing

PROD. NO.	Size
701101	1/4"
701102	5/16"
701103	3/8"
701104	7/16"
701105	1/2"
701106	9/16"
701107	5/8"
701108	11/16"
701109	3/4"
701110	13/16"
701111	7/8"
701112	15/16"
701113	1"

PROD. NO.	Size
701153	8mm
701154	9mm
701155	10mm
701156	11mm
701157	12mm
701158	13mm
701159	14mm
701160	15mm
701161	16mm
701162	17mm
701163	18mm
701164	19mm

PROD. NO.	Size
701121	1/4"
701122	5/16"
701123	3/8"
701124	7/16"
701125	1/2"
701126	9/16"
701127	5/8"
701128	11/16"
701129	3/4"
701130	13/16"
701131	7/8"
701132	15/16"
701133	1"

PROD. NO.	Size
701173	8mm
701174	9mm
701175	10mm
701176	11mm
701177	12mm
701178	13mm
701179	14mm
701180	15mm
701181	16mm
701182	17mm
701183	18mm
701184	19mm

**new****new****new****new**

## S.A.E. Extra Long Open Stock Non-Reversing

## Metric Extra Long Open Stock Non-Reversing

## S.A.E. Flex Head Open Stock Non-Reversing

## Metric Flex Head Open Stock Non-Reversing

PROD. NO.	Size
701201	1/4"
701202	5/16"
701203	3/8"
701204	7/16"
701205	1/2"
701206	9/16"
701207	5/8"
701208	11/16"
701209	3/4"

PROD. NO.	Size
701253	8mm
701254	9mm
701255	10mm
701256	11mm
701257	12mm
701258	13mm
701259	14mm
701260	15mm
701261	16mm
701262	17mm
701263	18mm
701264	19mm

PROD. NO.	Size
701301	1/4"
701302	5/16"
701303	3/8"
701304	7/16"
701305	1/2"
701306	9/16"
701307	5/8"
701308	11/16"
701309	3/4"
701310	13/16"
701311	7/8"

PROD. NO.	Size
701353	8mm
701354	9mm
701355	10mm
701356	11mm
701357	12mm
701358	13mm
701359	14mm
701360	15mm
701362	17mm
701363	18mm
701364	19mm

JET EXCLUSIVE CrV new

### 12-in-1 Ratcheting Box End Wrench Set

- Two wrenches replace a full 24 piece set – ideal for tool pouches
- Unique broaching accurately fits S.A.E., Metric, and E-TORX fasteners
- Each opening fits 3 different fasteners – 6 per end, 12 per wrench!
- 72 teeth for low swing room – just 5° swing to engage teeth
- Reverse switch at each end
- Highest quality Chrome Vanadium Steel for professional use



PROD. NO.	MOD. NO.	Pieces (total)	Fits
<b>700391</b>	DBRW-2S	2	See <b>701191</b> and <b>701193</b>
<b>701191</b>	—	1	5/16, 3/8, 7/16, 1/2" 8, 10, 11, 13mm E10, E12, E14, E16
<b>701193</b>	—	1	9/16, 5/8, 11/16, 3/4" 14, 16, 17, 19mm E18, E20, E22, E24

### 4 Piece Ratchet Wrench Adaptor Set

**701196** / RWAS-4

- 1/4", 3/8", and 1/2" socket adaptors and 1/4" hex bit adaptor provide maximum versatility by turning your ratcheting wrench set into a full wrench, bit, and socket drive set
- Converts the wrench into an extremely low profile ratchet for access to the most limited spaces
- Works with flat, reversing, and flex head ratcheting combination wrenches
- Requires 3/8", 1/2", and 3/4" ratcheting wrenches (sold separately)
- Available in 4 pc set only
- **CONTENTS:**
- **1/4" hex bit adaptor** for use with 3/8" ratcheting wrench
- **1/4" drive socket adaptor** for use with 3/8" ratcheting wrench
- **3/8" drive socket adaptor** for use with 1/2" ratcheting wrench
- **1/2" drive socket adaptor** for use with 3/4" ratcheting wrench
- Ratchet wrenches sold separately



700391



**700391**

Available in  
10 piece POP  
Display Case

**new**

Adaptor set  
converts ratcheting  
combination  
wrenches to socket  
or bit drivers



Socket adaptors  
complete with quick  
release feature





## FLARE NUT WRENCHES

⚡ *Hand Tools shown in this section feature:*

- Flare nut wrenches are used on fasteners found on tubing ends or hoses, such as brake lines, hydraulic fittings, plumbing, etc
- Slot opening easily slides over tubing or hose to reach hex nuts at ends
- 6 point design allows for maximum contact on fastener for evenly distributed torque
- Reduces fastener damage

**6** CrV

### Flare Nut Wrench Sets

PROD. NO.	MOD. NO.	Type	Pieces (total)	Size	Holder
<b>719001</b>	FN-3	S.A.E.	3	3/8" x 7/16" 1/2" x 9/16" 5/8" x 11/16"	Plastic Pouch
<b>719006</b>	FN-3M	Metric	3	10 x 11 12 x 13 15 x 17	Plastic Pouch

### Flare Nut Wrenches - Open Stock

PROD. NO.	Type	Size
<b>719002</b>	S.A.E.	3/8" x 7/16"
<b>719003</b>	S.A.E.	1/2" x 9/16"
<b>719004</b>	S.A.E.	5/8" x 11/16"
<b>719007</b>	Metric	10 x 11
<b>719008</b>	Metric	12 x 13
<b>719009</b>	Metric	15 x 17

## CROWFOOT WRENCHES

### Sets with Rail

- Used in restricted access spaces where a flare nut wrench cannot reach
- Slot opening easily slides over tubing or hose to reach hex nuts at ends
- Fully polished

PROD. NO.	MOD. NO.	Pieces	Drive	Size	Holder
<b>719111</b>	FNC-8	8	3/8"	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8"	Socket Rail
<b>719121</b>	FNC-10M	10	3/8"	10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm	Socket Rail



CrV

### Professional - Heavy Duty

- Ergonomic handle increases comfort, gripping power and reduces user fatigue
- Precision ground jaws grip fasteners better, reducing rounding
- Thin jaw design provides better access to confined spaces
- S.A.E. and Metric scales for quick and accurate adjustments
- All components made of finest quality Chrome Vanadium steel
- Meets Federal specification CDA 39-GP-13A, U.S. GGG-W-631B, and A.N.S.I. B107-8M

PROD. NO.	MOD. NO.	Length	Opening	Material
<b>711132</b>	AWP-6	<b>6"</b>	7/8"	CrV
<b>711133</b>	AWP-8	<b>8"</b>	1"	CrV
<b>711134</b>	AWP-10	<b>10"</b>	1-3/16"	CrV
<b>711135</b>	AWP-12	<b>12"</b>	1-3/8"	CrV
<b>711136</b>	AWP-15	<b>15"</b>	1-15/16"	CrV
<b>711137</b>	AWP-18	<b>18"</b>	2-3/8"	CrV
<b>711139</b>	AWP-24	<b>24"</b>	2-1/2"	CrV

CrV

### Professional - Standard Duty

- All components made of quality Chrome Vanadium steel (15" - 24" excluded)
- Superb quality
- Traditional handle design

PROD. NO.	MOD. NO.	Length	Opening	Material
<b>711112</b>	AW-6	<b>6"</b>	3/4"	CrV
<b>711113</b>	AW-8	<b>8"</b>	1"	CrV
<b>711114</b>	AW-10	<b>10"</b>	1-1/4"	CrV
<b>711115</b>	AW-12	<b>12"</b>	1-1/2"	CrV
<b>711116</b>	AW-15	<b>15"</b>	1-7/8"	Alloy
<b>711117</b>	AW-18	<b>18"</b>	2-1/8"	Alloy
<b>711118</b>	AW-24	<b>24"</b>	2-1/2"	Alloy

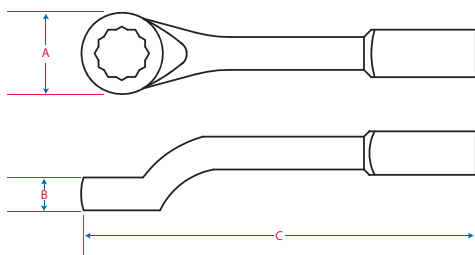
Convenient scales





715216

715201



Special chamfering keeps wrench on fastener

## S.A.E. - Offset Style

- Drop forged Chrome Vanadium steel
- Heat treated for maximum strength
- Offset design allows clearance over work
- 12 point design for decreased swing room
- Special chamfering keeps wrench on fastener
- Protective coating minimizes corrosion
- Meets US Government standard GGG-W-636E and A.N.S.I. B107.6-1994
- 35 hex sizes from 1 – 3-1/8"

PROD. NO.	Size	HeadW idth (A)	Head Thickness (B)	OverallL ength (C)
715201	1"	1-25/32"	25/32"	10-5/8"
715202	1-1/16"	1-25/32"	25/32"	10-5/8"
715203	1-1/8"	1-15/16"	7/8"	11"
715204	1-3/16"	1-15/16"	7/8"	11"
715205	1-1/4"	2-3/32"	29/32"	11-7/16"
715206	1-5/16"	2-3/32"	29/32"	11-7/16"
715207	1-3/8"	2-7/16"	31/32"	11-13/16"
715208	1-7/16"	2-7/16"	31/32"	11-13/16"
715209	1-1/2"	2-5/8"	1-1/32"	12-5/8"
715210	1-9/16"	2-5/8"	1-1/32"	12-5/8"
715211	1-5/8"	2-5/8"	1-1/32"	12-5/8"
715212	1-11/16"	2-5/8"	1-1/32"	12-5/8"
715213	1-3/4"	2-7/8"	1-1/16"	13-3/8"
715214	1-13/16"	2-7/8"	1/1/16"	13-3/8"
715215	1-7/8"	2-7/8"	1-1/16"	13-3/8"
715216	1-15/16"	3-1/16"	1-1/4"	13-3/4"
715217	2"	3-1/16"	1-1/4"	13-3/4"
715218	2-1/16"	3-5/16"	1-5/16"	4-3/16"
715219	2-1/8"	3-5/16"	1-5/16"	14-3/16"
715220	2-3/16"	3-5/16"	1-5/16"	14-3/16"
715221	2-1/4"	3-17/32"	1-3/8"	14-3/4"
715222	2-5/16"	3-17/32"	1-3/8"	14-3/4"
715223	2-3/8"	3-17/32"	1-3/8"	14-3/4"
715224	2-7/16"	3-17/32"	1-3/8"	14-3/4"
715225	2-1/2"	3-25/32"	1-1/2"	15-3/8"
715226	2-9/16"	3-25/32"	1-1/2"	15-3/8"
715227	2-5/8"	3-25/32"	1-1/2"	15-3/8"
715228	2-11/16"	4-1/8"	1-5/8"	15-3/4"
715229	2-3/4"	4-1/8"	1-5/8"	15-3/4"
715230	2-13/16"	4-1/8"	1-5/8"	15-3/4"
715231	2-7/8"	4-11/32"	1-11/16"	16-9/16"
715232	2-15/16"	4-11/32"	1-11/16"	16-9/16"
715233	3"	4-11/32"	1-11/16"	16-9/16"
715234	3-1/16"	4-21/32"	1-25/32"	17-5/16"
715235	3-1/8"	4-21/32"	1-25/32"	17-5/16"

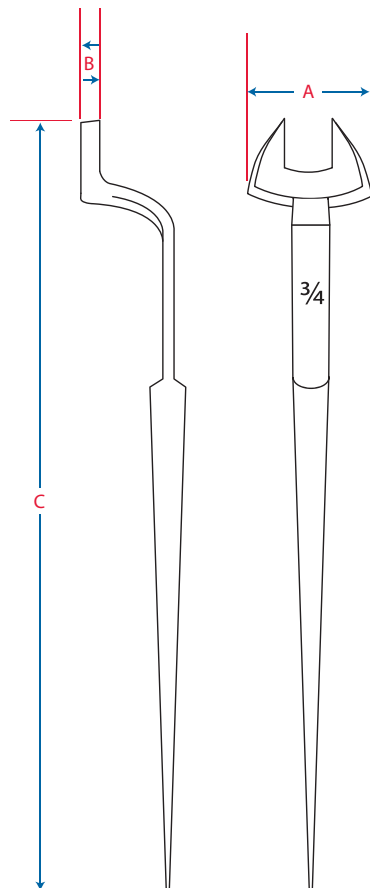
⚡ *Hand Tools shown in this section feature:*

- Drop forged Chrome Vanadium steel
- Heat treated for maximum strength
- Offset design allows clearance over work
- Round stock allows use as aligning bar
- Protective coating minimizes corrosion
- Meets US government standard GGG-W-636E

CrV

### S.A.E. - Offset Style

PROD. NO.	Size	HeadW idth (A)	Head Thickness (B)	OverallL ength (C)
719151	3/4"	1-3/4"	13/32"	13-1/8"
719153	7/8"	2-9/32"	7/16"	13-3/4"
719154	15/16"	2-9/32"	7/16"	14-5/8"
719155	1"	2-9/32"	7/16"	14-5/8"
719156	1-1/16"	2-9/32"	7/16"	14-5/8"
719157	1-1/8"	2-1/2"	19/32"	14-5/8"
719159	1-1/4"	2-1/2"	19/32"	15-3/4"
719162	1-7/16"	3-1/16"	23/32"	16-7/8"
719163	1-1/2"	3-1/16"	23/32"	18-1/2"
719165	1-5/8"	3-5/8"	23/32"	18-1/2"



719151

⚡ *Hand Tools shown in this section feature:*

- Black oxide finish resists corrosion
- Adjustable wrenches fit a wide variety of sizes
- Slotted or pin style wrenches
- For use on collars, locknut rings and bearings



710904



710914

## Hook Style

PROD. NO.	MOD. NO.	Length	Capacity	Type
<b>710902</b>	JHSW-102	6-1/2"	3/4 - 2"	Hook
<b>710903</b>	JHSW-103	8"	1-1/4 - 3"	Hook
<b>710904</b>	JHSW-104	11-1/2"	2 - 4-3/4"	Hook

## Pin Style

PROD. NO.	MOD. NO.	Length	Capacity	Pin Size	Type
<b>710912</b>	JPSW-102	6-1/2"	3/4 - 2"	<b>1/8"</b>	Pin
<b>710913</b>	JPSW-103	8"	1-1/4 - 3"	<b>3/16"</b>	Pin
<b>710914</b>	JPSW-104	11-1/2"	2 - 4-3/4"	<b>1/4"</b>	Pin





# Hex Key Wrenches



FOLDING

SHORT AND LONG ARM

BALLNOSE

HEX AND TORX

JUMBO STYLE

L-HANDLE

All of our hex keys are built and hardened for professional use.



## Hex Key Wrenches



775144



775146



775153



775156



775192



775112



775114



775191

## HEX KEY WRENCHES FOLDING SETS



### Folding Hex and TORX® Key Sets

- Fully hardened steel case with ergonomic bi-material grip for added comfort and sure grip
- Heat treated Chrome Vanadium steel keys

PROD. NO.	MOD. NO.	Pieces	Sizes
<b>775144</b>	JFHK-9	9	5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"
<b>775146</b>	JFHK-7L	7	1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"
<b>775153</b>	JFHK-7M	7	1.5, 2, 2.5, 3, 4, 5, 6mm
<b>775156</b>	JFHK-7ML	7	3, 4, 5, 5.5, 6, 8, 10mm
<b>775192</b>	JFTK-8	8	T8, T10, T15, T20, T25, T27, T30, T40

## HEX KEY WRENCHES SETS



### Short Arm Hex and TORX® Key Sets

- Precision chamfering for ease of insertion
- Industrial heat treated Chrome Vanadium steel
- Convenient carrying case keeps hex keys organized

PROD. NO.	MOD. NO.	Pieces	Sizes
<b>775112</b>	JHK-13	13	0.05, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"
<b>775114</b>	JHK-9M	9	1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10mm
<b>775191</b>	JTK-9TP	9	T10, T15, T20, T25, T27, T30, T40, T45, T50

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## Long Arm Ball Nose Sets

- Long arm series allows access into tough spots and more torque on the fastener
- Ball nose design allows engagement of fastener at up to 25° angle
- Precision chamfering for ease of insertion
- Industrial heat treated Chrome Vanadium steel
- Convenient carrying case keeps hex keys organized
- 22 PC sets combine 13 PC S.A.E. and 9 PC Metric with a convenient centre post that converts to a comfortable T or L-Handle
- All items meet A.N.S.I. standards for hardness and torque



PROD. NO.	MOD. NO.	Pieces	Sizes
<b>775164</b>	JBHK-22SM	22	0.05, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0mm
<b>775173</b>	JBHK-10	10	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"
<b>775184</b>	JBHK-9M	9	1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0mm

**new**

## Long Arm Flat Nose

- Same quality features as **775164** except with flat nose at both ends of the hex key

PROD. NO.	MOD. NO.	Pieces	Sizes
<b>775162</b>	JHK-22SM	22	0.05, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0mm



## Extra Long Ball Nose Sets

- Extra long – up to 30% longer than conventional hex keys. Improves reach and provides more torque
- Hex end for extra torque – use for initial loosening and final tightening
- Ball nose allows angle entry – perfect for blind applications
- Super bright finish for excellent rust resistance
- S2 alloy steel hardened to HRC58-62 allows 50% more torque than CrV keys
- Improved folding case for easier access to smaller sizes
- Exceeds A.N.S.I. standards for hardness and torque

PROD. NO.	MOD. NO.	Pieces	Sizes
<b>775175</b>	JBHK-9XL	9	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8"
<b>775185</b>	JBHK-9XLM	9	1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0mm

## Hex Key Wrenches

Centre post converts to a T or L-handle



775164



775173

775184

**new**



775162



775175

775185



## Hex Key Wrenches

## HEX KEY WRENCHES SETS



775186



774619



774699



775104



### Jumbo Extra Long Ball Nose Sets

- Same great features as our Extra Long Ball Nose series except with larger sizes for all heavy duty applications
- Complete with handy organizer

PROD. NO.	MOD. NO.	Pieces	Sizes
<b>775176</b>	JBHK-17XL	17	0.05, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8, 3/4"
<b>775186</b>	JBHK-17LM	17	1.3, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 5.0, 5.5, 6.0, 7.0, 8.0, 10, 12, 14, 17, 19mm



### L-Handle Style Hex and TORX® Key Sets

- Hard composite material combined with soft rubber form a unique ergonomic handle for optimal grip and unsurpassed comfort
- Handles are moulded around keys ensuring maximum strength and preventing keys and handles from separating
- S2 alloy steel hardened to HRC58-62 allows 50% more torque than CrV keys
- Super long keys for maximum reach – our longest hex keys
- Ball nose allows angle entry – perfect for blind applications (Hex Key Only)
- Short end for extra torque - use for initial loosening and final tightening
- TORX® keys are regular style on one end and tamperproof on the other
- Super bright finish for excellent rust resistance
- Exceeds A.N.S.I. standards for hardness and torque
- Comes with blow mould case

PROD. NO.	MOD. NO.	Pieces	Sizes
<b>775104</b>	JTHK-9	9	5/64, 3/32, 1/8, 5/32, 3/16, 7/32 1/4, 5/16, 3/8"
<b>775106</b>	JTHK-9M	9	2.0, 2.5, 3.0, 4.0, 5.0, 5.5, 6.0, 8.0, 10.0mm
<b>775108</b>	JTTK-9	9	T10, T15, T20, T25, T27, T30, T40, T45, T50



# HEX KEY WRENCHES SETS



## Short/Long Arm Combination S.A.E./Metric Set

- Keys made of heat treated Chrome Vanadium steel
- Quality set at an economical price
- S.A.E. keys are long arm, Metric keys are short arm
- Complete with blow mould carrying case

PROD. NO.	MOD. NO.	Pieces	Sizes
775165	JHK-25SM	25	<b>Long Arm</b> 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"
			<b>Short Arm</b> 1.5, 2.0, 2.5, 3.0, 4.0, 4.5mm 5.0, 5.5, 6.0, 7.0, 8.0, 9.0, 10.0mm



## Hex Key Wrenches

### TORX® KEY WRENCHES OPEN STOCK

Set #	775108
TORX®	S2 L-Handle
T10	774691
T15	774692
T20	774693
T25	774694
T27	774695
T30	774696
T40	774697
T45	774698
T50	774699



774691



774617



774699

## HEX KEY WRENCHES OPEN STOCK

Set #	775165	775164 775173	775175 775176	775104
S.A.E.	Long Arm	CrV Long Ball Nose	S2 Extra Long Ball Nose	S2 L-Handle
0.05"		774905	775005	
1/16"	774806	774906	775006	
5/64"	774807	774907	775007	774607
3/32"	774808	774908	775008	774608
7/64"	774809	774909	775009	
1/8"	774810	774910	775010	774610
9/64"	774811	774911	775011	
5/32"	774812	774912	775012	774612
3/16"	774813	774913	775013	774613
7/32"	774814	774914	775014	774614
1/4"	774815	774915	775015	774615
5/16"	774817	774917	775017	774617
3/8"	774819	774919	775019	774619
1/2"			775021	
9/16"			775022	
5/8"			775023	
3/4"			775025	


Set #	775165	775164 775184	775185 775186	775106
Metric	Short Arm	CrV Long Ball Nose	S2 Extra Long Ball Nose	S2 L-Handle
1.3mm			775054	
1.5mm	774756	774956	775056	
2.0mm	774757	774957	775057	774657
2.5mm	774758	774958	775058	774658
3.0mm	774759	774959	775059	774659
3.5mm			775060	
4.0mm	774760	774960	775061	774660
4.5mm	774761			
5.0mm	774762	774962	775063	774662
5.5mm	774763		775064	774663
6.0mm	774764	774964	775065	774664
7.0mm	774765		775067	
8.0mm	774766	774966	775069	774666
9.0mm	774767			
10.0mm	774768	774968	775073	774668
12.0mm			775075	
14.0mm			775077	
17.0mm			775080	
19.0mm			775082	

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# Torque Wrenches



	STANDARD
	PROFESSIONAL
	PREMIUM
	SUPER HEAVY DUTY
	DIGITAL
	MULTIPLIERS

JET carries one of Canada's widest ranges of professional torque wrenches and multipliers





## Torque Wrenches

# TORQUE WRENCHES



Comfortable ergonomic grip

Patented lock ring



Drive thru plug allows quick left and right hand thread changes



718912



Bubble magnifier analogue scale

719069

### JTW Series – Standard Duty

- 24 tooth Chrome Vanadium ratchet gear (Chrome Molybdenum on 3/4" model)
- Reversible ratchet
- Dual ft/lbs and Nm scales
- Patented lock ring
- Comfortable ergonomic handle grip
- Complete with protective blow mould case
- Perceptible jolt and audible click to indicate desired setting has been reached
- All models are factory calibrated to +/-4% with certificate and meet ISO 6789 – 1992, ASME B107.14 – 1994, BSEN 26789-1994 and U.S. Government Federal Specifications GGG-W-00686C

PROD. NO.	MOD. NO.	Drive	Torque Range	Length
<b>718902</b>	JTW-1425	<b>1/4"</b>	<b>40-250 in/lbs</b> (6-30Nm)	13-3/4"
<b>718908</b>	JTW-3880	<b>3/8"</b>	<b>15-80 ft/lbs</b> (19-110Nm)	15-1/4"
<b>718911</b>	JTW-12150	<b>1/2"</b>	<b>30-150 ft/lbs</b> (40-210Nm)	21"
<b>718912</b>	JTW-12250	<b>1/2"</b>	<b>50-250 ft/lbs</b> (70-350Nm)	25-1/2"
<b>718917</b>	JTW-34300	<b>3/4"</b>	<b>100-300 ft/lbs</b> (67-406Nm)	34"
<b>718918</b>	JTW-34600	<b>3/4"</b>	<b>100-600 ft/lbs</b> (140-700Nm)	43"
<b>718922</b>	JTW-10700	<b>1"</b>	<b>135-700 ft/lbs</b> (135-949Nm)	48"

### JMTW Slim Head Series - Heavy Duty

- Easy to use micrometer adjustment with locking nut or button
- Reversible ratchet
- Perceptible jolt and audible click to indicate desired setting has been reached
- JMTW-3800 and JMTW-5250 feature clearly visible analogue scale with exclusive bubble magnifier
- Patented lock button in the handle
- May be used on left and right hand threads simply by pushing the drive plug through the wrench (not available on JMTW-7500)
- Built tough for demanding professionals
- Factory calibrated to +/-4%
- Meets US Government Federal specification GGG-W-00686C

PROD. NO.	MOD. NO.	Drive	Torque Range	Length
<b>718906</b>	JMTW-3800	<b>3/8"</b>	<b>10-80 ft/lbs</b> (10-100 Nm)	16"
<b>719069</b>	JMTW-5250	<b>1/2"</b>	<b>30-250 ft/lbs</b> (30-340Nm)	24"
<b>718916</b>	JMTW-7500	<b>3/4"</b>	<b>100-600 ft/lbs</b>	42"

JET offers certified re-calibration service on torque wrenches

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## JMTW-HD Series – Heavy Duty

- Extra heavy duty Chrome Vanadium ratchet gear
- Reversible ratchet
- Magnified scale window with dual ft/lbs and Nm scales
- Patented lock ring is easy to turn even at high torque settings
- Large, comfortable ergonomic handle grip
- Complete with protective blow mould case
- Perceptible jolt and audible click to indicate desired setting has been reached
- Tension spring made in Germany for precise repeatability and long service life
- All models are factory calibrated to +/-4% with certificate and meet ISO 6789 – 1992, ASME B107.14 – 1994, BSEN 26789-1994 and U.S. Government Federal Specifications GGG-W-00686C

PROD. NO.	MOD. NO.	Drive	Torque Range	Length
<b>718903</b>	JMTW-1425	<b>1/4"</b>	<b>50-250 in/lbs</b>	12"
<b>718909</b>	JMTW-3875	<b>3/8"</b>	<b>15-75 ft/lbs</b>	16-1/2"
<b>718913</b>	JMTW-12150	<b>1/2"</b>	<b>30-150 ft/lbs</b>	21"
<b>718914</b>	JMTW-12230	<b>1/2"</b>	<b>50-230 ft/lbs</b>	25-1/2"

Replacement repair kits listed in the back of the catalogue

## JPTW Series - Heavy Duty

- Measures torque in both directions with just a flip of the direction lever – no need to push anvil through wrench
- Reversible ratchet
- 32 tooth configuration requires just 11.5° swing room
- Pull-down locking ring above handle grip securely holds set torque value
- Quick release ratchet holds sockets on until released
- Permanently etched scale will not fade or wear off
- Rubber over-moulded handle for safe, secure grip
- Reinforced pawl blocks for maximum strength
- Accurate to 4% CW, 6% CCW
- All models are factory calibrated with certificate and meet ISO 6789 - 1992, ASME B107.14 - 1994, BSEN 26789-1994 and U.S. Government Federal Specifications GGG-W-00686C

PROD. NO.	MOD. NO.	Drive	Torque Range	Length
<b>718933</b>	JPTW-38100	<b>3/8"</b>	<b>20 - 100 ft/lbs</b>	18-1/2"
<b>718936</b>	JPTW-12250	<b>1/2"</b>	<b>50 - 250 ft/lbs</b>	22"



Convenient pull-down locking ring

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## Torque Wrenches

Comfortable triangular handle grip



718903

718914



Quick release head

718936

## Torque Wrenches



Quick release head



## TORQUE WRENCHES

new



CrMo



JET EXCLUSIVE

### JSHD Series - Super Heavy Duty

- Magnified view window shows torque value in numbers only - no scale lines to read!
- Highest quality Japanese spring resists fatigue for long service life
- Patented dual roller reaction bar system minimizes friction for increased accuracy
- Hardened steel tube will not deflect under strain and will not be scratched by internal parts, ensuring reduced friction and highest possible accuracy
- Conversion scale permanently etched into tube for easy conversion to Nm
- Patented positive lock prevents accidental adjustment of torque value
- Quick release ratchet holds sockets on until released
- Sure grip handle with finger groove ensures correct placement of hand for better accuracy
- 48 tooth quick release reversible ratchet head - our best!
- Drop forged Chrome Molybdenum ratchet pawls for maximum strength
- Lifetime tested to a minimum of 3 x ISO standards

PROD. NO.	MOD. NO.	Drive	Torque Range	Length
<b>718952</b>	JSHD-14250	<b>1/4"</b>	<b>50 - 250 in/lbs</b>	12-3/4"
<b>718956</b>	JSHD-3875	<b>3/8"</b>	<b>15 - 75 ft/lbs</b>	15-3/4"
<b>718961</b>	JSHD-12150	<b>1/2"</b>	<b>30 - 150 ft/lbs</b>	20-3/8"
<b>718962</b>	JSHD-12250	<b>1/2"</b>	<b>50 - 250 ft/lbs</b>	24-1/2"



### Torque Screwdriver

- 1/4" drive screwdriver can be used with 1/4" hex bits or 1/4" drive sockets
- 10 - 50 in/lbs torque range
- Complete with assortment of 20 popular bits
- Comes in handy blow mould case

PROD. NO.	MOD. NO.	Drive	Torque Range	Length
<b>718991</b>	JTSD-1450K	<b>1/4"</b>	<b>10 - 50 in/lbs</b>	6"



JET offers certified re-calibration service on torque wrenches

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### Digital Torque Wrenches

- Digital readout signals torque audibly and visually
- 12 multi coloured lights with beeper signal torque even when display cannot be read
- Measures torque in both directions
- Accurate to  $\pm 2\%$  CW,  $\pm 3\%$  CCW from 20% – 100% of scale
- Quickly converts between in/lbs, ft/lbs, cm/kg, and Nm scales
- Stores up to 9 torque values for quick access to commonly used settings
- Display tracks torque as it is applied or can be set to display peak torque
- Records up to 50 Peak Hold values for accurate record keeping
- Large handle features soft touch TPR grip for user comfort
- Industrial quality 36 tooth sealed ratchet head
- Simple intuitive menu
- Meets ISO 6789-1992 and ASME B107.14-1994 standards

PROD. NO.	MOD. NO.	Drive	Torque Range	Length
<b>718941</b>	JDTW-14250	<b>1/4"</b>	<b>13.3 - 265.5 in/lbs</b> 1.5 - 30Nm	15-11/32"
<b>718943</b>	JDTW-38100	<b>3/8"</b>	<b>5 - 99.5 ft/lbs</b> 6.8 - 135Nm	16-5/16"
<b>718945</b>	JDTW-12150	<b>1/2"</b>	<b>7.4 - 147.5 ft/lbs</b> 10 - 200Nm	20-7/8"
<b>718946</b>	JDTW-12250	<b>1/2"</b>	<b>12.5 - 250.5 ft/lbs</b> 17 - 340Nm	25-1/2"



Simple intuitive menu

LED lights signal torque



718946

## Torque Wrenches



Reaction base and 90° reaction bar



719071



719075

## TORQUE MULTIPLIERS HEAVY DUTY

### ⚡ Hand Tools shown in this section feature:

- Used to multiply applied force for setting and removing high torque fasteners
- Planetary gear system multiplies input force many times
- Torque multipliers lower physical effort, resulting in smooth, steady application of torque and increased accuracy
- Permits application of high torque without use of a long lever
- Can be driven with a torque wrench
- Kit includes straight and 90° reaction bars with reaction base (base not included in **719071** kit)
- 90° bar and base rests against truck wheel rims when used to torque lug nuts
- 1/2" drive models available with 3.3:1, 6.5:1 and 12:1 torque ratios
- Higher ratios require lower input forces, reducing operator effort
- All models include breakaway input adaptor to protect wrench from overload



### JTM Series Kits

PROD. NO.	MOD. NO.	Input Drive	Output Drive	Gear Ratio	Torque Ratio	Max. Input	Max. Output
<b>719071</b>	JTM-50750	1/2"	3/4"	4:1	3.3:1	227 ft/lbs	750 ft/lbs
<b>719072</b>	JTM-51100	1/2"	3/4"	9:1	6.5:1	170 ft/lbs	1,100 ft/lbs
<b>719074</b>	JTM-51850	1/2"	1"	16:1	12:01	154 ft/lbs	1,850 ft/lbs
<b>719075</b>	JTM-71850	3/4"	1"	4:1	3.3:1	560 ft/lbs	1,850 ft/lbs



**WARNING:** Do not use impact tools with torque multipliers. Serious damage or injury could occur.



# Pipe Tools

PIPE WRENCHES

TUBE CUTTERS

PIPE CUTTERS

DEBURRING TOOLS

RATCHETING CUTTERS

TUBING BENDERS

FLARING TOOLS

As always, JET has paid special attention to the finest details...



## PIPE WRENCHES



### Steel - Super Heavy Duty

- Heavy duty cast steel handles for professional use
- **Chrome Molybdenum** hook and heel jaws for longest life and maximum grip
- Jaws hardened to HRC 52 – 58
- Powder-coated for maximum resistance to corrosion
- Heel jaws attached using roll pins for easy replacement
- Meets A.N.S.I. standards
- Extra heavy duty cast head design is 20% stronger than competitive brands

PROD. NO.	MOD. NO.	Length	Jaw Capacity
<b>710122</b>	PW-8	<b>8"</b>	1-3/16"
<b>710123</b>	PW-10	<b>10"</b>	1-13/16"
<b>710124</b>	PW-12	<b>12"</b>	2-7/16"
<b>710125</b>	PW-14	<b>14"</b>	2-7/16"
<b>710127</b>	PW-18	<b>18"</b>	2-7/8"
<b>710130</b>	PW-24	<b>24"</b>	3-3/16"
<b>710136</b>	PW-36	<b>36"</b>	5-1/4"



### Aluminum - Super Heavy Duty

- Heavy duty lightweight aluminum handles for professional use
- **Chrome Molybdenum** hook and heel jaws for longest life and maximum grip
- Jaws hardened to HRC 52 – 58
- Powder-coated for maximum resistance to corrosion
- Heel jaws attached using roll pins for easy replacement
- Meets A.N.S.I. standards
- Extra heavy duty cast head design is 20% stronger than competitive brands

PROD. NO.	MOD. NO.	Length	Jaw Capacity
<b>710225</b>	PWA-14	<b>14"</b>	2-7/16"
<b>710227</b>	PWA-18	<b>18"</b>	2-7/8"
<b>710230</b>	PWA-24	<b>24"</b>	3-3/16"
<b>710236</b>	PWA-36	<b>36"</b>	5-1/4"
<b>710239</b>	PWA-48	<b>48"</b>	6"

Replacement repair kits listed in the back of the catalogue

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### Mini Tube Cutters

- Compact overall size for use where space is restricted
- Cuts copper, brass, aluminum and thin wall steel conduit
- Hardened steel cutting wheel for copper cutting
- Replacement cutters: **739191** copper, **739193** stainless steel

PROD. NO.	MOD. NO.	Capacity	Replacement Cutters
<b>H1179</b>	—	<b>1/8" – 5/8" O.D.</b>	<b>739191</b> copper, <b>739193</b> stainless steel
<b>739109</b>	JMTC-30	<b>1/8" – 1-1/8" tubing</b> (3 – 30 mm)	<b>739192</b> copper, <b>739194</b> stainless steel

### 1-1/8" Screw Feed Tube Cutter

**739102 / JTC-30**

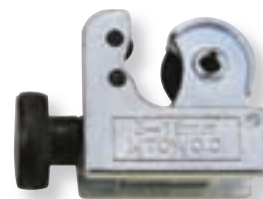
- Cuts copper, brass, aluminum and thin wall steel conduit
- Cuts **1/8 – 1-1/8"** (3 – 30 mm) tubing
- Grooved rollers allow cutting close to flare
- One piece sliding block for longest life and accurate cuts
- Includes fold away deburring tool
- Contoured adjustment knob houses spare cutting wheel
- Hardened steel cutting wheel for copper cutting
- Replacement cutters: **739191** copper, **739193** stainless steel

### Telescopic Tube Cutters

- Telescopic cutter requires no additional room to open to full capacity
- Cuts copper, brass, aluminum and thin wall steel conduit
- Grooved rollers allow cutting close to flare
- Hardened steel cutting wheel for copper cutting
- Includes spare cutting wheel for copper cutting

PROD. NO.	MOD. NO.	Capacity	Replacement Cutters
<b>739104</b>	JTTC-32	<b>1/8 – 1-1/4"</b>	<b>739191</b> copper, <b>739193</b> stainless steel
<b>739105</b>	JTTC-42	<b>1/8 – 1-5/8"</b>	<b>739192</b> copper, <b>739194</b> stainless steel

**H1179**



**739109**



Spare cutting wheel included



Fold away deburring tool

Spare cutting wheel included



**739104**

Smooth action feed knob

Three smooth acting contact rollers ensure stability

Spare cutting wheel included



**739105**

H.S.S. deburring tool



Quick adjust slide action cutter arm

Spare cutting wheel included



Ratchet mechanism rotates head 360° inside handle, allowing pipe cutting in confined spaces



# TUBE CUTTERS

## 2" Quick Adjustable Tube Cutter

739107 / JOAC-50

- Spring loaded cutter wheel feed system allows slide action adjustment and quick release
- Cuts copper, brass, aluminum and thin wall steel conduit
- Cuts **1/4 – 2"** (6 – 50 mm) tubing
- Grooved rollers allow cutting close to flare
- Hardened steel cutting wheel for copper cutting
- Includes fold away deburring tool
- Contoured adjustment knob houses spare cutting wheel
- Replacement cutters: **739192** copper, **739194** stainless steel

## 1-1/8" Ratchet Tube Cutter

739108 / JRTC-28

- Ratchet action cutter allows cutting of tubes without having to rotate 360°
- Open end design is ideal for cutting sections of pipe in walls and other limited access areas
- Simply close cutter on tube and move back and forth until cut is made
- Cuts **5/16 – 1-1/8"** (8 – 29 mm) tubing
- Replacement cutters: **739192** copper, **739194** stainless steel

# PIPE CUTTER

## 2" Iron Pipe Cutter

739111 / JPC-50

- Heavy duty drop forged steel body for demanding applications
- Ideally suited for cutting steel and iron pipes
- Can also be used on copper, brass, and aluminum tubing and thin wall conduit
- Cuts **1/8 – 2"** (3 – 50 mm) tubing
- Hardened steel cutting wheel
- Large ergonomic feed handle
- Replacement cutter: **739195**

# TUBE BENDER

## 3-in-1 Tube Bender

739142 / JTB-90

- Bends **1/4, 5/16, and 3/8"** soft tubing
- Compact design for use in confined areas
- Aluminum construction is rust proof
- Bends tubing smoothly without kinking or crushing
- Calibrated for quick reference

See next page for replacement cutters



# DEBURRING TOOLS

## 6" Deburring Tool

739122 / JDT-100

- Large diameter contoured plastic handle
- High speed steel blades for cutting copper, brass, aluminum and stainless steel
- Spare blade is included and housed inside handle
- Push button blade release for fast blade changes
- Suitable for left and right hand cutting
- Overall length: **6"**
- Replacement cutter: **739197**

## 6" Pocket Clip Deburring Tool

739125 / JDT-500

- Sleek aluminum body with pocket clip
- High speed steel blade for cutting copper, brass, aluminum and stainless steel
- Blade is easily replaceable
- Suitable for left and right hand cutting
- Overall length: **6"**
- Replacement cutter: **739197**

# RATCHETING PVC PIPE CUTTER

## 1-5/8" PVC Pipe Cutter

739116 / JPPC-42

- Ratcheting action for easy progressive cutting
- Stainless steel blade
- Unique blade profile pierces pipe and prevents crushing
- Maximum capacity: **1-5/8"** (42 mm)
- Replacement blade: **739198**

### FOR ALL CUTTERS

### Replacement Blades and Cutters

PROD. NO.	Application	Fits
<b>739191</b>	copper, brass, aluminum, steel	JMTC-30, JTC-30, JTTC-32
<b>739192</b>	stainless steel	JTTC-42, JQAC-50, JRTC-28
<b>739193</b>	copper, brass, aluminum, steel	JMTC-30, JTC-30, JTTC-32
<b>739194</b>	stainless steel	JTTC-42, JQAC-50, JRTC-28
<b>739195</b>	copper, brass, aluminum, steel, iron	JPC-50
<b>739197</b>	copper, brass, aluminum, steel, iron, stainless steel	JDT-100, JDT-500
<b>739198</b>	copper, brass, aluminum, steel, iron, stainless steel	JPPC-42

## Pipe Tools



H.S.S. Blades



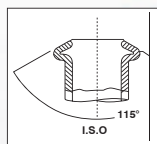
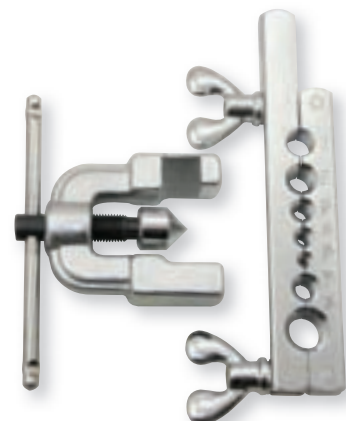
H.S.S. Blades

Unique blade profile prevents crushing of pipe

Stainless steel blade for professional use



Ratcheting mechanism for fast / progressive cutting



## Flaring Tool - Standard Duty

739132 / JFT-100

- Provides 45° flare or can be used with double flaring inserts
- Designed for use on **3/16, 1/4, 5/16, 3/8, 7/16, 1/2 and 5/8" tubing**
- Cast iron yoke
- Fully polished tubing clamp
- For soft copper, brass and aluminum tubing



## Flaring Tool - Heavy Duty

739133 / JFT-200

- Provides 45° flare or can be used with double flaring inserts
- Designed for use on **3/16, 1/4, 5/16, 3/8, 7/16, 1/2 and 5/8" tubing**
- Drop forged yoke and hardened steel tubing clamp for professional applications
- Ideal for automotive, HVAC, hydraulic and other heavy duty applications
- Can be used on copper, brass aluminum and stainless steel tubing



## I.S.O. Bubble Flaring Tool Kit

H1502

- Front wheel drive cars and light trucks, both foreign and domestic, are installing the I.S.O. sized steel brake lines with the I.S.O. flare. This is different from the standard double flare
- Accomplishes the I.S.O. flare without removing the brake line from the vehicle, and has the strength to withstand the pressure necessary to flare mild steel tube (1.0mm wall thickness) used on the front wheel drive brake line
- Yoke is made of a heat treated, alloy steel drop forging, with a special patented centre screw
- Bar assembly is hardened and will hold up under repeated use and produces a smooth, consistent flare
- Kit is complete with Flaring Tool, four special adaptors, a chamfering tool and a combination wrench and height gauge

### Kit Includes:

**H1502A** Adaptor **4.75 mm**

**H1502E** Bar Assembly

**H1502B** Adaptor **6 mm**

**H1502F** Yoke Assembly

**H1502C** Adaptor **8 mm**

**H1502G** Reamer

**H1502D** Adaptor **10 mm**

**H1502H** Wrench



### Double Flaring Tool Kit – S.A.E.

**H1120**

- Built to provide the necessary pressure to double flare steel brake tube
- Will double and single flare both copper and steel tube
- Double flare adaptors provided for 3/16, 1/4, 5/16, 3/8 and 1/2" tube
- Alloy steel swivel is heat-treated, ground, and chromed to reduce compression friction
- Yoke and bar is forged and tempered for added strength
- **Kit Includes:**

**H1120A** Double Flare adaptor **3/16"**

**H1120E** Double Flare adaptor **1/2"**

**H1120B** Double Flare adaptor **1/4"**

**H1120F** Bar Assembly

**H1120C** Double Flare adaptor **5/16"**

**H1120G** Yoke and Bolt Assembly

**H1120D** Double Flare adaptor **3/8"**

**H1120H** Wingnut



### Double Flaring Tool Kit - Metric

**H1121**

- Built to provide the necessary pressure to double flare steel brake tube
- Will double and single flare both copper and steel tube
- Double flare adaptors provided for **3/16, 1/4, 5/16, 3/8 and 1/2"** tube
- Alloy steel swivel is heat-treated, ground, and chromed to reduce compression friction
- Yoke and bar is forged and tempered for added strength
- **Kit Includes:**

**H1121A** Double Flare adaptor **4.75 mm**

**H1121E** Double Flare adaptor **10 mm**

**H1121B** Double Flare adaptor **5 mm**

**H1121F** Bar Assembly

**H1121C** Double Flare adaptor **6 mm**

**H1121G** Yoke and Bolt Assembly

**H1121D** Double Flare adaptor **8 mm**

**H1120H** Wingnut



### Double Flaring and Cutting Tool Kit S.A.E. 739181 / JTFK-100

- Includes JTC-30 Tubing Cutter, JFT-100 Flaring Tool and Double Flaring Inserts for **3/16, 1/4, 5/16, 3/8, 7/16, 1/2 and 5/8"** tube
- Provides automotive type double flare or use without inserts for 45° flare
- Cuts up to 1-1/8" (30 mm) tube
- For soft copper, brass and aluminum tube
- Complete with blow mould storage case
- Replacement Double Flaring Dies:

**3/16" – H1120A**

**7/16" – H1120J**

**1/4" – H1120B**

**1/2" – H1120E**

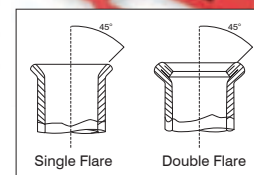
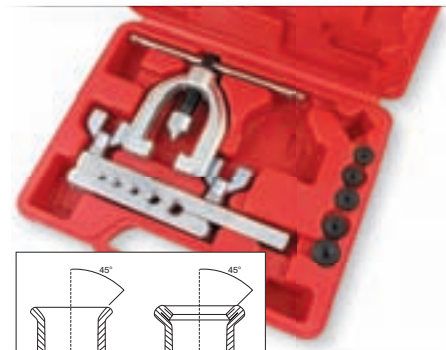
**5/16" – H1120C**

**5/8" – H1120K**

**3/8 – H1120D**

### PIPE AND TUBING TOOLS

See page 204 in the Specialty Auto section for similar products



Single Flare Double Flare

Kit includes tube cutter





# SUPERIOR DROP FORGING PROCESS

Ultra-grip machine ground, induction  
hardened hook and heel jaws on all  
models of **JET** pipe wrenches

Extra heavy duty head casting  
provides up to 20% greater strength





# Screwdrivers Bits Nut Drivers

SCREWDRIVERS

RATCHETING DRIVERS

IMPACT DRIVER

NUT DRIVERS

INSERT BITS

POWER BITS

Looking for true comfort  
and performance from your  
screwdriver?

JET is your brand.

PG. 105



## Screwdrivers



720505



720956



720574



720507

## JUMBO HANDLE SERIES SETS

- Jumbo grip grooved handle design transfers maximum torque for tough jobs
- Highest quality cellulose acetate handles resist chemicals and are virtually immune to impact
- Shafts made of the highest quality Chrome Vanadium steel for long life and maximum durability
- Black hardened magnetic tips eliminate chrome plating chipping off the tip (common on other brands), holds the screw to the screwdriver and ensures maximum durability and life
- All items meet U.S. Specifications GGG-S-121E and Canadian Government specifications CDA39-GP-17C



### 6 Piece Basic Set

720505 / JHSS-6



1/4 x 4"  
5/16 x 6"

#1 x 3"  
#2 x 4"

#1 x 4"  
#2 x 5"

- Handy storage rack



### 6 Piece TORX® Set

720956 / JHTSS-6



T10 x 4", T15 x 4", T20 x 4", T25 x 4", T27 x 4", T30 x 4"

- Terylene Pouch



### 13 Piece Mechanic's Set

720574 / JHMSS-13



1/4 x 1-1/2"  
1/4 x 4"  
5/16 x 6"  
3/8 x 10"

#1 x 3"  
#2 x 1-1/2"  
#2 x 4"

T10 x 4"  
T15 x 4"  
T20 x 4"  
T25 x 4"  
T27 x 4"  
T30 x 4"

- Supplied in convenient blow mould tool tray



### 14 Piece Master Set

720507 / JHSS-14



#2 x 1-1/2"  
#1 x 3"  
#2 x 4"  
#3 x 6"

#2 x 1-1/2"  
#1 x 4"  
#2 x 5"  
#3 x 6"

1/4 x 1-1/2"  
1/4 x 4"  
5/16 x 6"  
3/8 x 10"

3/16 x 3"  
3/16 x 6"

- Supplied in convenient blow mould tool tray



**WARNING:** Insulated handles rated for use to 220V only.  
Do not use on higher voltage circuits • Not for use on live circuits

CrV

### Slot - Square Shank

PROD. NO.	MOD. NO.	Size
<b>720354</b>	SDS-4S	1/4 x 4"
<b>720356</b>	SDS-6S	5/16 x 6"
<b>720360</b>	SDS-10S	3/8 x 10"
<b>720362</b>	SDS-12S	3/8 x 12"
<b>720392</b>	SDS-2SS	1/4 x 1-1/2" (Stubby)



CrV

### Slot - Round Shank

PROD. NO.	MOD. NO.	Size
<b>720363</b>	SDS-3R	3/16 x 3"
<b>720366</b>	SDS-6R	3/16 x 6"



CrV

### Phillips - Round Shank

PROD. NO.	MOD. NO.	Size
<b>720371</b>	SDP-1	#1 x 3"
<b>720372</b>	SDP-2	#2 x 4"
<b>720373</b>	SDP-3	#3 x 6"
<b>720382</b>	SDP-2S	#2 x 1-1/2" (Stubby)



CrV

### Square - Round Shank

PROD. NO.	MOD. NO.	Size
<b>721361</b>	SDR-1	#1 x 4"
<b>721362</b>	SDR-2	#2 x 5"
<b>721363</b>	SDR-3	#3 x 6"
<b>721372</b>	SDR-2S	#2 x 1-1/2" (Stubby)



CrV

### TORX® - Round Shank

PROD. NO.	MOD. NO.	Size
<b>720911</b>	SDT-10	T10 x 4"
<b>720917</b>	SDT-15	T15 x 4"
<b>720922</b>	SDT-20	T20 x 4"
<b>720925</b>	SDT-25	T25 x 4"
<b>720929</b>	SDT-27	T27 x 4"
<b>720932</b>	SDT-30	T30 x 4"





## TORQUE DRIVE®



720508

- JET's exclusive TORQUE DRIVE® cushion grip ergonomic handle design guarantees maximum torque and unparalleled user comfort, increasing performance and productivity
- Black hardened magnetic tips eliminate chrome plating chipping off the tip (common on other brands), holds the screw to the screwdriver and ensures maximum durability and life
- Shafts made of the highest quality Chrome Vanadium steel for long life and maximum durability
- "Go thru" design offers a one piece metal shaft from handle to tip
- All items meet U.S. Specifications GGG-S-121E and Canadian Government specifications CDA39-GP-17C

CrV

### 6 Piece Basic Set

720508 / TDSS-6

Slot Phillips Square 1/4 x 4",  
5/16 x 6"#1 x 4",  
#2 x 4"#1 x 4",  
#2 x 4"



- JET's exclusive TORQUE DRIVE® cushion grip ergonomic handle design guarantees maximum torque and unparalleled user comfort, increasing performance and productivity
- Black hardened magnetic tips eliminate chrome plating chipping off the tip (common on other brands), holds the screw to the screwdriver and ensures maximum durability and life
- Shafts made of the highest quality Chrome Vanadium steel for long life and maximum durability
- "Go thru" design offers a one piece metal shaft from handle to tip
- All items meet U.S. Specifications GGG-S-121E and Canadian Government specifications CDA39-GP-17C

CrV

### Slot - Round Shank

PROD. NO.	MOD. NO.	Size
<b>720404</b>	TDS-4	1/4 X 4"
<b>720406</b>	TDS-6	5/16 x 6"
<b>720444</b>	TDS-4N	3/16 x 4"
<b>720446</b>	TDS-6N	3/16 x 6"



CrV

### Phillips - Round Shank

PROD. NO.	MOD. NO.	Size
<b>720421</b>	TDS-1P	#1 x 4"
<b>720422</b>	TDS-2P	#2 x 4"
<b>720423</b>	TDS-3P	#3 x 6"



CrV

### Square - Round Shank

PROD. NO.	MOD. NO.	Size
<b>720431</b>	TDS-1R	#1 x 4"
<b>720432</b>	TDS-2R	#2 x 4"
<b>720433</b>	TDS-3R	#3 x 6"



# TORQUE DRIVE®



**new**

720560



720562



720564



720566

# CUSHION GRIP SCREWDRIVER SETS

⚡ *Hand Tools in this section feature:*

- Patented SVCM tool steel is up to 30% stronger than CrV screwdrivers
- Hardened and tempered for superior strength and improved durability
- Super strong acetate handles resist impact and chemicals
- Integrated cushion grips provide all day comfort and increased torque
- Chrome plated for superior corrosion resistance
- Precision machined blackened tips for superior fit in all screw head types
- Tip type permanently engraved on handle ends for easy identification in tool pouch

**new**

SVCM

## 4 Piece Cushion Grip Mini Screwdriver Set

720560 / JKS-4SM

Slot - Round Shank

Phillips

1/16" x 3",  
3/32" x 3",  
1/8" x 3"

#0 x 3"

**new**

SVCM

## 4 Piece Extra Long Cushion Grip Screwdriver Set

720562 / JKS-4SL

Slot - Round Shank

Phillips

Square

3/8" x 10",  
3/8" x 12"

#2 x 10"

#2 x 8"

**new**

SVCM

## 9 Piece Cushion Grip Screwdriver Set

720564 / JKS-9S

Slot - Square Shank

Phillips

Square

3/16" x 3",  
1/4" x 4",  
5/16" x 6"

#1 x 3",  
#2 x 4",  
#3 x 6"

#1 x 4",  
#2 x 4",  
#3 x 4"

**new**

SVCM

## 14 Piece Cushion Grip Screwdriver Set

720566 / JKS-14S

  
Slot - Square  
Shank

  
Slot Stubby  
Round Shank

  
CabinetT  
ip

  
Phillips

  
Square

1/4" x 4",  
5/16" x 6",  
3/8" x 8"

1/4" x 1-1/2"

3/16" x 3",  
3/16" x 6"

#1 x 3",  
#2 x 1-1/2",  
#2 x 4",  
#3 x 6"

#1 x 4",  
#2 x 1-1/2",  
#2 x 4",  
#3 x 4"

new

SVCN

## Miniature - Round Shank

PROD. NO.	MOD. NO.	Size
720605	JKMS-116	1/16"
720606	JKMS-332	3/32"
720607	JKMS-18	1/8"
720641	JKMP-0	PH#0



## Slot - Square Shank

720612	JKSS-4	1/4" X 4"
720613	JKSS-6	5/16" X 6"
720616	JKSS-8	3/8" X 8"



## Slot - Round Shank

720621	JKSS-2RS	1/4" X 1-1/2"
720622	JKSS-4R	1/4" X 4"
720623	JKSS-6R	5/16" X 6"
720626	JKSS-8R	3/8" X 8"
720627	JKSS-10R	3/8" X 10"
720628	JKSS-12R	3/8" X 12"



## Cabinet Tip - Round Shank

720632	JKSS-3CT	3/16" X 3"
720633	JKSS-4CT	3/16" X 4"
720634	JKSS-6CT	3/16" X 6"
720635	JKSS-8CT	3/16" X 8"



## Phillips - Round Shank

720642	JKSP-1	PH1 X 3"
720644	JKSP-2S	PH2 X 1-1/2"
720646	JKSP-2	PH2 X 4"
720648	JKSP-2L	PH2 X 10"
720649	JKSP-3	PH3 X 6"



## Square - Round Shank

720653	JKSR-1	R1 X 4"
720654	JKSR-2S	R2 X 1-1/2"
720656	JKSR-2	R2 X 4"
720658	JKSR-2L	R2 X 8"
720659	JKSR-3	R3 X 4"



## Screwdrivers



- Super strong acetate handle resists impact and chemicals
- Integrated cushion grip provides all day comfort and increased torque
- Chrome plated for superior corrosion resistance
- Double ended bits for maximum versatility with minimal pieces
- Can be used as a nut driver with bits removed



new

**5-in-1 Cushion Grip Multi-Bit Screwdriver****720531 / JKMD-5S**

Slot Phillips Square Nut

3/16 & 1/4" #2 #2 1/4"

**6-in-1 Cushion Grip Multi-Bit Screwdriver****720533 / JKMD-6**

Slot Phillips Square Nut

3/16 & 1/4" #2 #2 1/4" & 5/16"

**10-in-1 Cushion Grip Multi-Bit Screwdriver****720534 / JKMD-10**

Slot Phillips Square Nut

3/16 & 1/4" #1, #2, #3 #1, #2, #3 1/4" & 5/16"

## REPLACEMENT BITS



new

**For JKMD-5S / JKMD-10**

PROD. NO.	Size
<b>720580</b>	3/16" SLOT x #1 PHILLIPS bit
<b>720581</b>	3/16" SLOT x #2 SQUARE bit
<b>720582</b>	1/4" SLOT x #2 PHILLIPS bit
<b>720583</b>	#1 SQUARE x #2 SQUARE bit
<b>720584</b>	#3 PHILLIPS x #3 PHILLIPS bit

new

**For JKMD-6**

PROD. NO.	Size
<b>720592</b>	1/8" SLOT x #0 PHILLIPS
<b>720593</b>	3/16" SLOT x #1 PHILLIPS
<b>720594</b>	1/4" SLOT x #2 PHILLIPS
<b>720595</b>	#1 SQUARE x #2 SQUARE
<b>720596</b>	T10 x T15 TORX®
<b>720597</b>	T20 x T25 TORX®
<b>720598</b>	1/8" HEX x 3/16" HEX





## 15-In-1 Multi-Bit Screwdriver

**H3400**

- Features a patented pullout bit cartridge
- 15-in-in multi-bit screwdriver replaces 14 of the most popular bits and 14 screwdrivers and a 1/4" hex nut drive
- 2" double end bits are made of superior quality S2 steel for strength and durability
- Shaft is made of super high strength 12T14 steel for long life
- End of shaft is a 1/4" hex nut driver
- Handle is made of durable nylon reinforced Triax® resin for longest life
- Unique rotating cap design allows you to position the cap in the palm of your hand and rotate the driver handle with your fingers. The driver then acts like a gearless ratcheting screwdriver, increasing productivity while reducing blisters and operator fatigue
- Drivers are easy to use from both the left and right sides, allowing you to use them in tight, confined areas
- Collar also swivels 360° for fast, efficient driving of screws
- Made in the U.S.A

Distributors please note: Drivers are sold in 6 pack P.O.P. display only

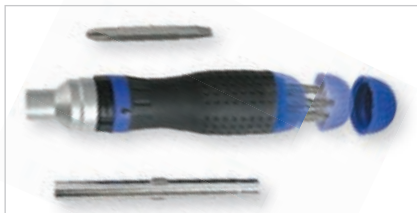
## RATCHETING DRIVERS

- 19-in-1 screwdriver features 8 double-ended bits and 3 nut driver sizes
- Heavy duty reversible 25 tooth ratchet with centre lock position
- Ergonomic handle for comfort and secure grip
- Bits store in handle

### 19 Piece Screwdriver

**720590 / JRSD-19**

- Available in 12 piece POP display



### 38 Piece Kit

**720591 / JRSD-38**

- 1/4" Drive Sockets:  
**3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"**  
**5, 6, 7, 8, 9, 10, 11, 12, 13mm**
- 1/4" Drive sockets adaptor
- Blow Mould Case

Replacement Bit For H3400 (P0 - P3)	<b>H3400C</b>
Replacement Bit For H3400 (P1 - P2)	<b>H3400D</b>
Replacement Bit For H3400 (S1 - S2)	<b>H3400E</b>
Replacement Bit For H3400 (T10 - T15)	<b>H3400F</b>
Replacement Bit For H3400 (T20 - T25)	<b>H3400G</b>
Replacement Bit For H3400 (T27 - T30)	<b>H3400H</b>
Replacement Bit For H3400 (F4 - F6)	<b>H3400J</b>
Replacement Bit For H3400 (S0 - S3)	<b>H3400K</b>



720590



720591

## Screwdrivers

**new**

Bit storage cartridge  
concealed in handle

**BIT LOAD**

1/8", 3/16", 1/4" Slot  
PH1, PH2, PH3 Phillips  
R1, R2, R3 Square  
T10, T15, T20, T25 TORX®  
1/4" Nut Driver



Bit storage cartridge  
concealed in handle

**new**

Unique 2-way handle  
converts from straight  
to pistol grip for  
increased torque

**BIT LOAD**

5.5, 6.5mm Slot  
#1, #2 Phillips  
#1, #2 Square  
1/4" Socket Adaptor



## RATCHETING DRIVERS

**Twin Drive Ratcheting Screwdriver****720537 / JTDS-15S**

- Unique twin ratcheting system provides high torque or high speed driving
- Changing how you grip the screwdriver automatically switches between high torque with ratcheting action or low torque with 3:1 turning ratio for greater speed when turning long screws
- Use with one hand as a regular screwdriver and the ratchet allows you to reverse without disengaging the screw while providing maximum torque
- Ergonomic handle with non-slip materials for maximum grip
- Available in 6 Piece POP display



Hold the transmission collar and  
the screw bit is driven 3 turns for  
every 1 turn of the handle

**Convertible Pistol Grip  
Ratcheting Screwdriver****720551 / JPRSD-9**

- 45 tooth all steel ratchet mechanism provides high torque and smooth operation
- Lifetime tested to 50,000 cycles
- Soft textured handle provides excellent grip
- Chrome Vanadium steel shaft with powerful bit holder magnet
- Spring loaded cartridge in handle pops out with a simple squeeze of the recessed buttons and holds 6 bits on board
- Complete with 6 nickel plated S2 bits and 1/4" socket drive adaptor
- Can be used with any 1/4" hex drive bits for easy customizing of bit load
- Available in 12 piece POP display
- Replacement Bit Cartridge (**720559**)



3 position switch for left  
and right ratcheting or  
non-ratcheting use



# RATCHETING DRIVERS

## Stubby Ratcheting Screwdriver

720552 / JRSD-9S

- 45 tooth all steel ratchet mechanism provides high torque and smooth operation
- Lifetime tested to 50,000 cycles
- Soft textured handle provides excellent grip
- Chrome Vanadium steel shaft with powerful bit holder magnet
- Can be used with any 1/4" hex drive bits for easy customizing of bit load
- Available in 12 piece POP display

Complete with 6 nickel plated S2 bits and 1/4" socket drive adaptor

### BIT LOAD

**5.5, 6.5mm slot**  
**#1, #2 Phillips**  
**#1, #2 Square**  
**1/4" Socket Adaptor**



## Screwdrivers

**new**

**CrV**

**S2**  
Steel

Stubby handle for work in confined spaces



3 position switch for left and right ratcheting or non-ratcheting use

## T-Handle Ratcheting Screwdriver

720556 / JTRSD-21

- 45 tooth all steel ratchet mechanism provides high torque and smooth operation
- Lifetime tested to 50,000 cycles
- Soft textured handle provides excellent grip
- Chrome Vanadium steel shaft with powerful bit holder magnet
- Includes interchangeable 2" and 4" shafts for added versatility
- Can be used with any 1/4" hex drive bits for easy customizing of bit load
- Available in 12 piece POP display

Complete with 17 nickel plated S2 bits and 1/4" socket drive adaptor

**new**

**CrV**

**S2**  
Steel

Comfortable T-Handle provides excellent grip and transfer of power



3 position switch for left and right ratcheting or non-ratcheting use



### BIT LOAD

**4.0, 5.5, 6.5mm slot**  
**#1, #2, #3 Phillips**  
**#1, #2, #3 Square**  
**T10, T15, T20, T25, T27 TORX®**  
**3, 4, 5mm Hex**  
**1/4" Socket Adaptor**



## Screwdriver Bits

Available in various package quantities to suit any need

# INSERT BITS

### ✦ Hand Tools in this section feature:

- A2 Steel bits are dual heat treated for greatly increased tensile strength
- Allows for more consistent edges and up to 50% greater life than S2 bits
- Heat treated to HRC 58-62
- Available in various package quantities to suit any need
- 1" overall length
- For use with standard or quick release 1/4" hex bit holders
- Canada's strongest and longest lasting bits

### Slot

PROD. NO.	Tip Size	Length	Pieces
729112	5/32"	1"	2
729114	5/32"	1"	20
729119	1/4"	1"	2
729121	1/4"	1"	20



### Phillips

729009	PH1	1"	2
729011		1"	20
729025		1"	2
729027	PH2	1"	20
729028		1"	50
729042	PH3	1"	2
729044		1"	20



### Square

729061	R1	1"	2
729063		1"	20
729078		1"	2
729080	R2	1"	20
729081		1"	50
729095	R3	1"	2
729097		1"	20



### TORX®

PROD. NO.	Tip Size	Length	Pieces
729163	T8	1"	2
729166	T10	1"	2
729173	T15	1"	2
729180	T20	1"	2
729187	T25	1"	2
729194	T27	1"	2
729201	T30	1"	2
729208	T40	1"	2



### Hex

729303	1/8"	1"	2
729317	5/32"	1"	2
729324	3/16"	1"	2
729331	7/32"	1"	2
729338	1/4"	1"	2
729366	3mm	1"	2
729373	4mm	1"	2
729380	5mm	1"	2
729394	6mm	1"	2



### Magnetic Bit Holders

- For use with insert bits or to extend the reach of power bits
- Powerful magnet holds bit in any position
- Quick release model locks bit in place until ejected



PROD. NO.	MOD. NO.	Type
729483	JMBH-60	Magnetic
729484	QJBH-65	Quick Release Magnetic



# POWER BITS

## Screwdriver Bits

- A2 Steel bits are dual heat treated for greatly increased tensile strength
- Allows for more consistent edges and up to 50% greater life than S2 bits
- Heat treated to HRC 58-62
- Available in various package quantities and lengths to suit any need
- 1/4" hex shaft fits ball retainer and regular style chucks
- Canada's strongest and longest lasting bits



### Slot

PROD. NO.	TipS ize	Length	Pieces
729115	5/32"	2"	2
729117	5/32"	2"	10
729122	1/4"	2"	2
729124	1/4"	2"	10



### Phillips

PROD. NO.	TipS ize	Length	Pieces
729013	PH1	2"	2
729015		2"	10
729018		2-3/4"	2
729020		2-3/4"	10
729022		6"	1
729029	PH2	2"	2
729031		2"	10
729032		2"	25
729034		2-3/4"	2
729036		2-3/4"	10
729039	PH3	6"	1
729040		6"	10
729046		2"	2
729048		2"	10
729051		2-3/4"	2
729056		6"	1



### Square

PROD. NO.	TipS ize	Length	Pieces
729065	R1	2"	2
729067		2"	10
729070		2-3/4"	2
729072		2-3/4"	10
729075		6"	1
729082	R2	2"	2
729084		2"	10
729085		2"	25
729087		2-3/4"	2
729089		2-3/4"	10
729092	R3	6"	1
729093		6"	10
729099		2"	2
729101		2"	10
729104		2-3/4"	2
729109		6"	1



### Hex

729306	1/8"	2"	2
729320	5/32"	2"	2
729327	3/16"	2"	2
729334	7/32"	2"	2
729341	1/4"	2"	2
729369	3mm	2"	2
729376	4mm	2"	2
729383	5mm	2"	2
729397	6mm	2"	2



### TORX®

729169	T10	2"	2
729176	T15	2"	2
729183	T20	2"	2
729190	T25	2"	2
729197	T27	2"	2
729204	T30	2"	2
729211	T40	2"	2

## NUTSETTERS

- Powerful magnet holds fastener securely for use in any position
- Heat treated Chrome Vanadium steel for professional use
- 1/4" hex shaft fits ball retainer and regular style chucks

CrV

### S.A.E. CrV Steel

PROD. NO.	Size	Pieces
729461	1/4"	1
729462	5/16"	1
729463	3/8"	1

CrV

### Metric CrV Steel

PROD. NO.	Size	Pieces
729471	6mm	1
729472	7mm	1
729473	8mm	1
729475	10mm	1



## Nut Drivers

Hollow shafts allow running  
nuts on long fasteners

**new**



## CUSHION GRIP NUTDRIVERS SETS

⚡ *Hand Tools in this section feature:*

- Chrome Vanadium steel for professional use
- Hardened and tempered for superior strength and improved durability
- Super strong acetate handles resist impact and chemicals
- Integrated cushion grips provide all day comfort and increased torque
- Chrome plated for superior corrosion resistance
- Hex bolster allows use of a wrench for increased torque
- Hollow shaft fits over long fasteners
- Socket size permanently embossed on handles for easy identification in tool pouch
- Convenient plastic carrying case keeps nut drivers organized

**new**



### 7 Piece S.A.E. Cushion Grip Nutdriver Set

721101 / JKND-7S

S.A.E.

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

**new**



### 7 Piece Metric Cushion Grip Nutdriver Set

721102 / JKND-7M

METRIC

6, 7, 8, 9, 10, 11, 12mm

## CUSHION GRIP NUTDRIVERS OPEN STOCK

**new**



### S.A.E.

### Metric

PROD. NO.	Size	PROD. NO.	Size
721141	3/16" x 3	721151	6mm x 3
721142	1/4" x 3	721152	7mm x 3
721143	5/16" x 3	721153	8mm x 3
721144	11/32" x 3	721154	9mm x 3
721145	3/8" x 3	721155	10mm x 3
721146	7/16" x 3	721156	11mm x 3
721147	1/2" x 3	721157	12mm x 3



## JUMBO HANDLE SERIES SETS

- Jumbo grip grooved handle design ensures maximum torque for tough jobs
- Made with super acetates, these handles are virtually indestructible
- Hollow shank Chrome Vanadium shafts

6 CrV

### 7 Piece S.A.E. - Hollow Shaft

721105 / NDS-07

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

- Roll up pouch



721105

## JUMBO HANDLE SERIES OPEN STOCK

6 CrV

### S.A.E. - Hollow Shaft

PROD. NO.	MOD. NO.	Size	Length	Point
721111	ND-316	3/16"	3-1/2"	6
721112	ND-14	1/4"	3-1/2"	6
721113	ND-516	5/16"	3-1/2"	6
721114	ND-1132	11/32"	3-1/2"	6
721115	ND-38	3/8"	3-1/2"	6
721116	ND-716	7/16"	3-1/2"	6
721117	ND-12	1/2"	3-1/2"	6



721111

- Ergonomic bi-material handles for sure grip
- Rotating cap allows easy one hand operation
- Chrome Vanadium steel shafts
- Convenient plastic case



720542



720546

**6 Piece Slot / Phillips Set 720542 / JPSD-6**


2.0, 3.0, 4.0



#00, #0, #1


**6 Piece TORX® Set 720546 / JPSD-6T**


T5, T6, T7, T8, T9, T10

## IMPACT DRIVER

S2

**1/2" Drive**
**720702 / JID-5S**

- Premium grade high carbon steel body withstands high impact forces
- Entirely heat treated for maximum strength
- S2 steel bits for professional use
- Drives 5/16" shank screwdriver bits and 1/2" drive impact sockets
- Reversible for installing or removing fasteners
- Ideal for removing rusted fasteners
- Includes 5/16" and 3/8" Slot and #2 and #3 Phillips bits

*Replacement 4 piece bit set 720791*


720702





# Mechanic's Tools

CHISELS

PICKS

HOOKS

SCRAPERS

PRY BARS

JET takes the Indexible Pry Bars to the next level with exclusive ratcheting features



# Mechanic's Tools

## CHISEL SCRAPERS

### ⚡ Hand Tools in this section feature:

- Extra stiff stainless steel blades with chisel points for the toughest scraping and cleaning jobs
- Ergonomic handle provides non-slip grip and maximum user comfort
- Blades double-riveted to handles for maximum strength
- Steel striking cap for extra tough scraping jobs



859341

### 4 Piece Chisel Scraper Set

859341 / JCS-4S

- 1-1/4" Scraper
- 1-1/4" Bent Scraper
- 2" Scraper
- 3/4" Stubby Scraper

### Chisel Scrapers - Open Stock

PROD. NO.	MOD. NO.	Description	Blade Thickness
859342	JCS-125	1-1/4" Scraper	2.0mm
859343	JCS-125B	1-1/4" Bent Scraper	2.0mm
859344	JCS-200	2" Scraper	2.0mm
859345	JCS-2025	3/4" Stubby Scraper	2.5mm



## ⚡ Hand Tools in this section feature:

- Exclusive ergonomic handle for maximum grip
- Premium grade Chrome Vanadium steel shafts
- Heat treated for maximum strength
- Heavy duty professional quality

### 5 Piece Scraper Set

- Black Manganese Phosphate finish for corrosion resistance (**859304**)
- Precision ground edges

PROD. NO.	MOD. NO.	Length	Contents
<b>859304</b>	JPSS-5	1" x 8-1/2"	Short Scraper
		1/2" x 10"	Medium Scraper
		1" x 12"	Long Scraper
		9"	Cotter Key Puller
		7-1/2"	Radiator Hose Hook

CrV

### Hook Sets – Heavy Duty

- Nickel Chrome plated finish for corrosion resistance
- Extra long for maximum reach

PROD. NO.	MOD. NO.	Length	Pieces	Contents
<b>859301</b>	JPHS-604	<b>6"</b>	4	Straight Pick Bent Hook 90° Hook Compound Hook
<b>859302</b>	JPHS-904	<b>9-3/4"</b>	4	Straight Pick Bent Hook 90° Hook Compound Hook

CrV

### Open Stock

PROD. NO.	Length	Type	Contained in Set
<b>859305</b>	<b>8-1/2"</b>	1" Scraper	<b>859304</b>
<b>859306</b>	<b>10"</b>	1/2" Scraper	<b>859304</b>
<b>859307</b>	<b>12"</b>	1" Scraper	<b>859304</b>
<b>859308</b>	<b>9"</b>	Cotter Key Puller	<b>859304</b>
<b>859309</b>	<b>7-1/2"</b>	Radiator Hose Hook	<b>859304</b>
<b>859310</b>	<b>6"</b>	Straight Pick	<b>859301</b>
<b>859311</b>	<b>6"</b>	90° Pick	<b>859301</b>
<b>859312</b>	<b>6"</b>	Compound Hook	<b>859301</b>
<b>859313</b>	<b>6"</b>	Bent Hook	<b>859301</b>
<b>859314</b>	<b>9-3/4"</b>	Straight Pick	<b>859302</b>
<b>859315</b>	<b>9-3/4"</b>	90° Pick	<b>859302</b>
<b>859316</b>	<b>9-3/4"</b>	Compound Hook	<b>859302</b>
<b>859317</b>	<b>9-3/4"</b>	Bent Hook	<b>859302</b>



859304



859301



859302

⚡ *Hand Tools in this section feature:*

- Chrome Molybdenum steel for maximum strength
- Super large sizes for the heaviest duty applications
- Extra large bi-material handles provide exceptional grip and comfort and allow the use of both hands for maximum leverage
- "Go-thru" shanks with steel end caps
- Available separately or in 4 piece sets

CrMo

**4 Piece Cushion Grip Set****779220** / JMPB-4S

- Regular Length: **8" - 45°, 12" - 45°, 18" - 45°, 24" - 45°**

CrMo

**4 Piece Jumbo Cushion Grip Set****779240** / JHPB-4S

- Jumbo length: **24" - 45°, 24" - 90°, 36" - 45°, 36" - 90°**
- Blow mould case



Extra large bi-material handles

**Cushion Grip Type - Open Stock**

PROD. NO.	MOD. NO.	Description	Type	Contained in Set
<b>779221</b>	JMPB-8	<b>8" - 45°</b>	Regular	<b>779220</b>
<b>779222</b>	JMPB-12	<b>12" - 45°</b>	Regular	<b>779220</b>
<b>779223</b>	JMPB-18	<b>18" - 45°</b>	Regular	<b>779220</b>
<b>779224</b>	JMPB-24	<b>24" - 45°</b>	Regular	<b>779220</b>

**Jumbo Cushion Grip Type - Open Stock**

PROD. NO.	MOD. NO.	Description	Type	Contained in Set
<b>779241</b>	JHPB-2445	<b>24" - 45° narrow face</b>	Jumbo	<b>779240</b>
<b>779242</b>	JHPB-2490	<b>24" - 90° wide face</b>	Jumbo	<b>779240</b>
<b>779243</b>	JHPB-3645	<b>36" - 45° wide face</b>	Jumbo	<b>779240</b>
<b>779244</b>	JHPB-3600	<b>36" - straight wide face</b>	Jumbo	<b>779240</b>

CrMo

Chrome Molybdenum Steel is stronger than CrV or Carbon Steel



CrV

### 4 Piece Rolling Head Pry Bar Set

859211 / JRPB-4S

- Rounded head acts as a fulcrum to provide extra leverage
- Tapered point and round stock ideal for aligning parts through bolt holes
- Heat treated Chrome Vanadium steel for professional use
- Magnetic particle tested to ensure complete material integrity
- Electrostatic powder coat paint protects against corrosion
- Includes: **6, 12, 16, 20"**

**new**

Arriving Summer 2012



CrV

**new**

### Rolling Head Pry Bars - Open Stock

PROD. NO.	Length	Contained in Set
859212	6"	859211
859213	12"	859211
859214	16"	859211
859215	20"	859211



Round shank

Rounded head

Tapered point



#### PRY BARS

See pages **156-159** for complete range of **JET** bars



Indexible Pry Bars are fast becoming a "must have" tool in every mechanic's tool chest. The angle of the claw can be set and locked to provide the best possible leverage in any situation with just a single pry bar. Now JET takes this new technology to the next level with our exclusive Ratcheting Indexible Pry Bars. These unique tools provide all the benefits of Indexible Pry Bars PLUS the handle can be ratcheted back and forth. This allows the user to gain more leverage as the pried part is loosened without having to reposition the bar. Available only from JET!

### 3 Piece POWERCLAW™ Ratcheting Indexible Pry Bar Set - Super Heavy Duty

**779271** / JRPB-3S



Unique ratcheting mechanism allows handle to be ratcheted back and forth to gain additional leverage in extremely limited spaces

- Indexible claw locks in up to 8 positions for added torque
- Dual purpose lock button switches between indexed angle setting or ratcheting function
- Chrome Vanadium steel handle with Black Chrome finish for excellent corrosion resistance
- Set contains: **9, 12 and 15"**



#### Powerclaw Ratcheting Indexible Pry Bars - Open Stock

PROD. NO.	MOD. NO.	Length	Contained in Set
<b>779274</b>	JRPB-9	<b>9"</b>	<b>779271</b>
<b>779275</b>	JRPB-12	<b>12"</b>	<b>779271</b>
<b>779276</b>	JRPB-15	<b>15"</b>	<b>779271</b>
<b>779277</b>	JRPB-24	<b>24"</b>	—
<b>779279</b>	JRPB-1830	<b>18 - 30"</b> (Extendible Handle)	



Chrome Molybdenum claw and mechanism tested up to **5 times** A.N.S.I. standard for fixed head pry bars!



**779279**  
Extendible Handle

### 2 Piece POWERCLAW™ Indexible Pry Bar Set - Super Heavy Duty

**779266** / JIPB-2

- Chrome Vanadium steel handle with Black Chrome finish for excellent corrosion resistance
- Set Contents: 1 each **8", 16"**
- Traditional non-ratcheting style



Flush mount locking button minimizes head width for improved access



#### Indexible Pry Bars - Open Stock

PROD. NO.	MOD. NO.	Length	Contained in Set
<b>779267</b>	JIPB-8	<b>8"</b>	<b>779266</b>
<b>779268</b>	JIPB-16	<b>16"</b>	<b>779266</b>



Indexible claw locks into any of 10 positions for improved leverage in confined spaces



Chrome Molybdenum claw and mechanism tested up to **5 times** A.N.S.I. standard for fixed head pry bars!

# Pliers Cutters Sheet Metal Tools



**LOCKING PLIERS**

**LONG REACH**

**SNAP RING PLIERS**

**WIRE STRIPPERS**

**CUTTERS**

**AVIATION SNIPS**

**RIVET TOOLS**

JET carefully considers the material used in our products to ensure they exceed performance expectations.





730334



730335



730333

- Made of industrial quality Chrome Molybdenum steel
- Strong locking mechanism
- Precision ground jaws
- All locking pliers come with cutter in jaw (except chain wrench)
- Ergonomic cushioned release lever is guarded to prevent accidental release
- Teeth raked to provide superior non-slip grip
- Meets A.N.S.I. requirements
- Quality equal to the best!

CrMo

## Locking Pliers - Sets - Heavy Duty

PROD. NO.	MOD. NO.	Pieces	Length	Type
730334	LPS-3	3	5, 7, 10"	Curved Jaw
730335	LPS-5	5	5, 7, 10" 6, 9"	Curved Jaw Long Nose

CrMo

## Locking Pliers Set - Ergonomic Grip

- Cushion grip for maximum comfort

PROD. NO.	MOD. NO.	Pieces	Length	Type
730333	LPS-2CG	2	7, 10"	Curved Jaw

Teeth raked to provide superior non-slip grip





# LOCKING PLIERS

## Pliers and Cutters



730456, 730459 PVC Grip



730463, 730467 Long Nose



Chrome Molybdenum Heads

CrMo CrV

730453, 730455, 730458

### Locking Pliers - Open Stock

PROD. NO.	MOD. NO.	Length	Type
730453	J5WR	5"	Curved Jaw
730455	J7WR	7"	Curved Jaw
730456	J7WRG	7"	Curved Jaw / PVC Grip
730458	J10WR	10"	Curved Jaw
730459	J10WRG	10"	Curved Jaw / PVC Grip
730462	J4LN	4"	Long Nose
730463	J6LN	6"	Long Nose
730467	J9LN	9"	Long Nose

CrMo



730496

### Chain Wrench Style

PROD. NO.	MOD. NO.	Length	Type
730496	J20R	20" Chain	Chain Wrench

CrMo CrV

### Locking Clamps - Open Stock

- Chrome Vanadium and Chrome Molybdenum jaw components for improved strength
- C-Clamps available with your choice of plain tips or swivel pads
- New heavy duty materials for improved performance and life

PROD. NO.	MOD. NO.	Length	Type
730554	J6R	6"	C-Clamp
730555	J6RP	6"	C-Clamp with Pads
730556	J11R	11"	C-Clamp
730557	J11RP	11"	C-Clamp with Pads
730558	J8R	8"	Sheet Metal
730559	J9R	9"	Welder's



730554, 730556  
C-Clamp



730555, 730557  
C-Clamp with Pads



730558  
Sheet Metal



730559  
Welder's

# SNAP RING PLIERS SETS

- Cushion grip handles
- Made of carbon steel
- Spring loaded handles



730353



730352

## 4 Piece Permanent Tip Style

PROD. NO.	MOD. NO.	Length	Type
<b>730353</b>	SRP-4S	7"	Internal Straight, External Straight, Internal Bent, External Bent, Terylene Pouch

## 5 Piece Interchangeable Tip

PROD. NO.	MOD. NO.	Length	Type
<b>730352</b>	SRP-1S	6"	Straight tips, Bent tips, Convertible type

# SNAP RING PLIERS OPEN STOCK



## Internal Type

PROD. NO.	MOD. NO.	Length	Type
<b>730701</b>	SRP-175IS	7"	Internal Straight
<b>730702</b>	SRP-175IB	7"	Internal Bent

## External Type

PROD. NO.	MOD. NO.	Length	Type
<b>730703</b>	SRP-175ES	7"	External Straight
<b>730704</b>	SRP-175EB	7"	External Bent

- Made of high quality Chrome Vanadium steel (except slip joint)
- Cutting edges induction hardened to HRC58-62
- Double-dipped cushion grip handles offer superior comfort, sure gripping action and long life
- Meets A.N.S.I. specifications ASME B107.20, ASME B107.11M and ASME B107.13M

**new**

CrV



### 4 Piece Starter Pliers Set

730311 / JPS-4N

- 6-1/2" Diagonal Cutter
- 6-1/2" Long Nose
- 7" Lineman's
- 8" Slip Joint



730311

CrV



### 5 Piece Maintenance Set

730321 / JPS-5

- 8" Long Nose
- 8" Diagonal Cutter
- 8" Lineman's
- 8" Slip Joint
- 8" Bent Nose



730321

CrV



### 5 Piece Mechanic's Pliers Set

730341 / JPS-5M

- 8" Angle Head Cutter
- 8" Long Nose
- 8" Lineman's
- 8" Slip Joint
- 8" Groove Joint



730341

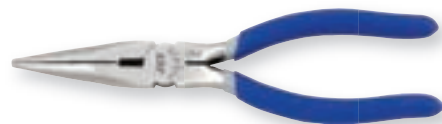
## Pliers and Cutters



730401 - 730403



730442



730425



730483

730488

730428



## STANDARD DUTY SERIES OPEN STOCK

### ⚡ Hand Tools in this section feature:

- Made of high quality Chrome Vanadium steel (except slip joint)
- Cutting edges induction hardened to HRC58-62
- Double-dipped cushion grip handles offer superior comfort, sure gripping action and long life
- Meets A.N.S.I. specifications ASME B107.20, ASME B107.11M and ASME B107.13M

### Slip Joint Pliers

- Made of quality Carbon steel

PROD. NO.	MOD. NO.	Length
730401	PL-6	6"
730402	PL-8	8"
730403	PL-10	10"



CrV

### Groove Joint Pliers

PROD. NO.	MOD. NO.	Length	Capacity
730441	CLP-1	7-1/2"	1-1/4"
730442	CLP-2	9-1/2"	1-3/4"
730443	CLP-3	12"	2-1/4"

CrV

CrV

### Long Nose Pliers

### Bent Nose Pliers

PROD. NO.	MOD. NO.	Length
730423	RP-150	6-1/2"
730425	RP-200	8"

PROD. NO.	MOD. NO.	Length
730483	BP-150	6-1/2"
730485	BP-200	8"

## LONG REACH SERIES OPEN STOCK

CrV

### Long Nose Style

PROD. NO.	MOD. NO.	Length	Type
730428	LRP-1100	11"	Long Nose
730488	LRP-1145	11"	Bent Nose



CrV

## Lineman's Pliers



PROD. NO.	MOD. NO.	Length
<b>730414</b>	CP-175	<b>7"</b>
<b>730415</b>	CP-200	<b>8"</b>
<b>730418</b>	CP-250HD	<b>9-3/4"</b>

CrV

## Diagonal Cutting Pliers

- NPA-200HD has unique shape and head configuration for best leverage and easiest cutting capabilities



PROD. NO.	MOD. NO.	Length	Type
<b>730433</b>	NP-150	<b>6-1/2"</b>	Diagonal Cutter
<b>730435</b>	NP-200	<b>7-1/2"</b>	Diagonal Cutter
<b>730221</b>	NPA-200HD	<b>8"</b>	Angle Head Cutter

Angle head  
730221 only

CrNi

## Crimping Pliers

**730473 / WP-250**

- 10" long
- A heavy duty cutter and crimping tool
- Not for use on live circuits

CrV

## Box Joint Pliers

**730232 / BJP-250**

- 10" long
- CrV Steel
- Special jaw design for use on pipe
- Unique box joint adjusting system allows quick and easy one hand adjustments



## 10" Fencing Pliers

**735102 / FT-10X**

- Drop forged steel with blue cushion grip handles
- Ideal multi-purpose plier for farmers and ranchers
- Hammer, staple remover and 2 wire cutters in 1 tool
- Length 10"

## Pliers and Cutters



730415



730433



730221



730473



730232



735102

## 5 Piece Chrome Nickel Pliers Set – Super Heavy Duty

730305 / JPHD-5S

new

SHD  
SERIES

- Highest grade Chrome Nickel steel drop forged for ultimate strength
- Induction hardened teeth and exclusive laser hardened cutting edges for superior performance and long life
- Unique laser hardening process allows cutting of hardened materials including piano wire
- Patented high leverage design moves pivot point forward for increased cutting power and ease of use
- Handle springs on Lineman's, Diagonal Cutting, Bent Nose and Long Nose pliers open handles automatically, reducing fatigue and are easily removed if preferred
- Groove joint pliers feature undercut machined tongue and groove for greater strength at all jaw widths
- Right-angle teeth for superior grip
- Extra thick dual material handles provide unparalleled grip and user comfort
- Meets A.N.S.I. specifications ASME B107.20, ASME B107.11M and ASME B107.13M



## FEATURES

- High Leverage Design**  
 Patented High Leverage design moves pivot point forward for increased cutting power and ease of use
- Laser Hardened Cutting Edge**  
 Unique laser hardening process allows cutting of hardened materials including piano wire
- Spring Loaded Handles**  
 Handle springs on Lineman's, Diagonal Cutting, and Long Nose pliers open handles automatically, reducing fatigue. Easily removed if preferred
- Induction Hardened Teeth**  
 Induction hardened right angle teeth for superior performance and long life

Professional  
TOOLS

CrNi

**new** **SHD**

### Lineman's Pliers

- Unique laser hardening process allows cutting of hardened materials including piano wire
- Right angle teeth induction hardened to HRC55~60 for maximum grip
- Spring loaded handles reduce fatigue; spring can be easily removed and replaced if preferred

PROD. NO.	MOD. NO.	Length
<b>730236</b>	CP-200HD	<b>8"</b>



**new** **SHD**

### Diagonal Cutting Pliers

- Exclusive laser hardened cutting edges for superior performance and long life
- Spring loaded handles reduce fatigue; spring can be easily removed and replaced if preferred

PROD. NO.	MOD. NO.	Length
<b>730222</b>	NP-180HD	<b>7-1/4"</b>



**new** **SHD**

### Long Nose Pliers

- Exclusive laser hardened cutting edges
- Right angle teeth induction hardened to HRC55~60
- Spring loaded handles reduce fatigue; spring can be easily removed and replaced if preferred

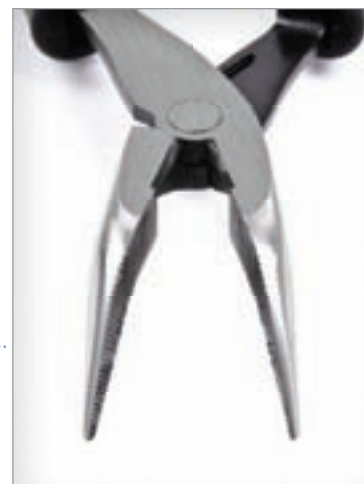
PROD. NO.	MOD. NO.	Length
<b>730241</b>	RP-200HD	<b>8"</b>



**new** **SHD**

### Bent Nose Pliers

PROD. NO.	MOD. NO.	Length
<b>730246</b>	BP-200HD	<b>8"</b>



**new** 

## Groove Joint Pliers

- Features undercut machined tongue and groove for maximum strength at all jaw widths
- Right angle teeth induction hardened to HRC55~60 for maximum grip

PROD. NO.	MOD. NO.	Length
<b>730216</b>	CLP-1HD	8"
<b>730217</b>	CLP-2HD	10"
<b>730218</b>	CLP-3HD	12"



730217

**new** 

## Slip Joint Pliers

- Right angle teeth induction hardened to HRC55~60 for maximum grip

PROD. NO.	MOD. NO.	Length
<b>730206</b>	SJ-6HD	6"
<b>730207</b>	SJ-8HD	8"



720206

**new** 

## End Nipper Pliers

- Ideal for flush cutting and concrete work

PROD. NO.	MOD. NO.	Length
<b>730227</b>	EN-200HD	8"



730227



**new** 

## Cable Cutter

- For copper and aluminum cables only
- Maximum AWG 1 cable gauge

PROD. NO.	MOD. NO.	Length
<b>730251</b>	CC-200HD	8"



730251

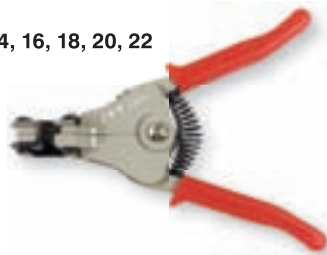




### Automatic Wire Stripper

730731 / JAWS-822

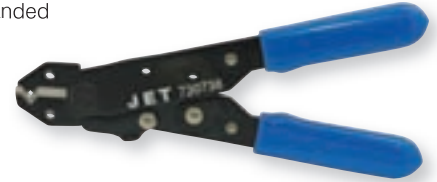
- One quick light squeeze strips wire up to a full 1" without nicking, cutting or fraying
- Automatic wire gripper holds wire centred in stripping hole
- Lever action offers stripping and insulation removal in one step
- Adjustable wire stop to ensure uniform, precise strip length
- Overall Length: 7"
- Stripping Capacity: **8, 10, 12, 14, 16, 18, 20, 22** AWG solid and stranded



### V-Groove Wire Stripper

730738 / JVWS-51024

- Hardened carbon steel with black oxide finish for corrosion resistance
- Quickly adjusts from **AWG 10 - 24**
- Spring loaded for easy one hand use
- Overall length: **5-1/4"**
- Capacity: **10, 12, 14, 16, 18, 20, 22, 24** AWG solid and stranded



### Self Adjusting Wire Stripper

730736 / JAWS-100

- Self adjusting stripper automatically applies correct pressure to strip insulation without nicking wire
- Fine adjustment screw allows customized pressure on various plastic insulation
- Can be used to strip several wires simultaneously
- Includes wire cutter
- Overall length: **6-1/2"**



### Wire Cutter & Stripper

H3515

- Cuts soft wire with one end, grab and strip with the other
- Stripper self-adjusts to soft copper wire sizes **14 - 10 AWG**
- The cutting head is full-flush cutting and low profile with stainless steel, induction-hardened jaws



### Spring Loaded Strippers / Cutters

- All cutting and stripping surfaces are precision machined to produce clean, exacting results
- High carbon heat treated steel for long life
- Black oxide finish resists rust and corrosion
- All models feature holes for looping and serrated tips for pulling wire
- Strippers / cutters are spring loaded for easy one hand operation and have safety lock (except 730724)
- Multifunction tools cut, strip and crimp insulated and non-insulated terminals
- For use on copper and aluminum wire only



730725

730724

730711

PROD. NO.	MOD. NO.	Overall Length	Stripping Capacity	Crimping Capacity	BoltS ize & Thread
<b>730711</b>	JWCS-61020	<b>6-1/4"</b>	10, 12, 14, 16, 18, 20 AWG solid and stranded	N/A	N/A
<b>730724</b>	JMWS-81024	<b>8-1/4"</b>	8, 10, 12, 14, 16, 18, 20, 22 AWG solid; 12, 14, 16, 18, 20, 22, 24, 26 AWG stranded	10-22 AWG	4-40, 5-40, 6-32, 8-32, 10-32, 10-24
<b>730725</b>	JMWS-9618	<b>9"</b>	6, 8, 10, 12, 14, 16 AWG solid; 8, 10, 12, 14, 16, 18 AWG stranded	10-22 AWG	4-40, 5-40, 6-32, 8-32, 10-32, 10-24

## Sheet Metal Tools

Made of the highest quality drop forged Chrome Molybdenum steel for professional use

Precision serrated cutting blades

Canada's premier sheet metal snip – lasts up to 2-1/2 times the life of leading brands!



735305

### AVIATION SNIPS SUPER HEAVY DUTY



- Made of the highest quality drop forged Chrome Molybdenum steel for professional use
- Induction hardened to HRC 60 – 62
- Serrated cutting edges prevent material from slipping out of blade
- Compound action reduces cutting effort
- Colour coded TPR handles provide maximum comfort
- Unique automatic release latch for easy one hand operation
- Regular, offset, notching and extra long models cover every application

CrMo

#### 3 Piece Traditional Style Set

PROD. NO.	MOD. NO.	Description	Overall length
735305	JAS-3S	Straight cut, Left cut and Right cut	10"

CrMo

### Open Stock - Traditional Style

PROD. NO.	MOD. NO.	Description	Overall length	Length to Cut	MAXIMUM MATERIAL THICKNESS (GAUGE)			
					Copper( soft)	Cold Rolled Steel (med.)	HardS teel (HRC35)	304S tainless Steel
735301	JAS-1S	Straight	10"	1-1/2"	16	18	21	22
735302	JAS-1R	Right Cut	10"	1-3/8"	16	18	21	22
735303	JAS-1L	Left Cut	10"	1-3/8"	16	18	21	22
735311	JAS-1SL	Long Cut	11-3/8"	3"	19	20	22	25
735391	JBS-1	Bull Dog	9"	1"	14	16	18	18

735303

735301

735302

735311

735391



735322

735323

CrMo

### Open Stock - Offset Style

PROD. NO.	MOD. NO.	Description	Overall length	Length to Cut	MAXIMUM MATERIAL THICKNESS (GAUGE)			
					Copper( soft)	Cold Rolled Steel (med.)	HardS teel (HRC35)	304S tainless Steel
735322	JOS-1R	Right Cut	9-1/4"	1-3/16"	16	18	21	22
735323	JOS-1L	Left Cut	9-1/4"	1-3/16"	16	18	21	22

### 10" Tin Snip

735210 / JTS-10

- Made of drop forged high carbon steel
- One piece solid steel construction
- Smooth finished blades for cleaner cutting

Overall length	Length to Cut	MAXIMUM MATERIAL THICKNESS (GAUGE)			
		Copper (soft)	Cold Rolled Steel (med.)	HardS teel (HRC35)	304S tainless Steel
10"	2"	20	22	24	26





859042

360° Swivel Head



859043

- Designed for industrial use
- All steel construction
- All models designed for use with aluminum rivets
- Model JRT-707 for use with aluminum and steel rivets
- Model JRT-736 features 360° swivel head

## Hand Riveters – Heavy Duty

PROD. NO.	MOD. NO.	Description	Nozzles	Length (Overall)
859042	JRT-200	Long Nose	3/32, 1/8, 5/32, 3/16"	—
859043	JRT-736	Swivel Head 360°	3/32, 1/8, 5/32, 3/16"	—
859044	JRT-707	Long Reach, use with aluminum and steel rivets	1/8, 5/32, 3/16, 7/32, 1/4"	21"
—	PUT-JRT707	Repair Kit	—	—



859044

### DID YOU KNOW?

JET Carries a complete line of professional pneumatic rivet guns. See our **AIR TOOLS** catalogue for details



# RIVET GUNS

409001



409002



409007



409008





# Striking Tools



**HAMMERS**

**PUNCHES AND COLD CHISELS**

**AXES AND MAULS**

**STAMPS**

If you are looking for true high performance, safe and reliable striking tools for industrial applications, demand JET.



⚡ *Hand Tools shown in this section feature:*

- American hickory handles
- Forged steel heads are hardened and tempered for professional use
- Meets A.N.S.I. specifications

#### Ball Pein - Heavy Duty

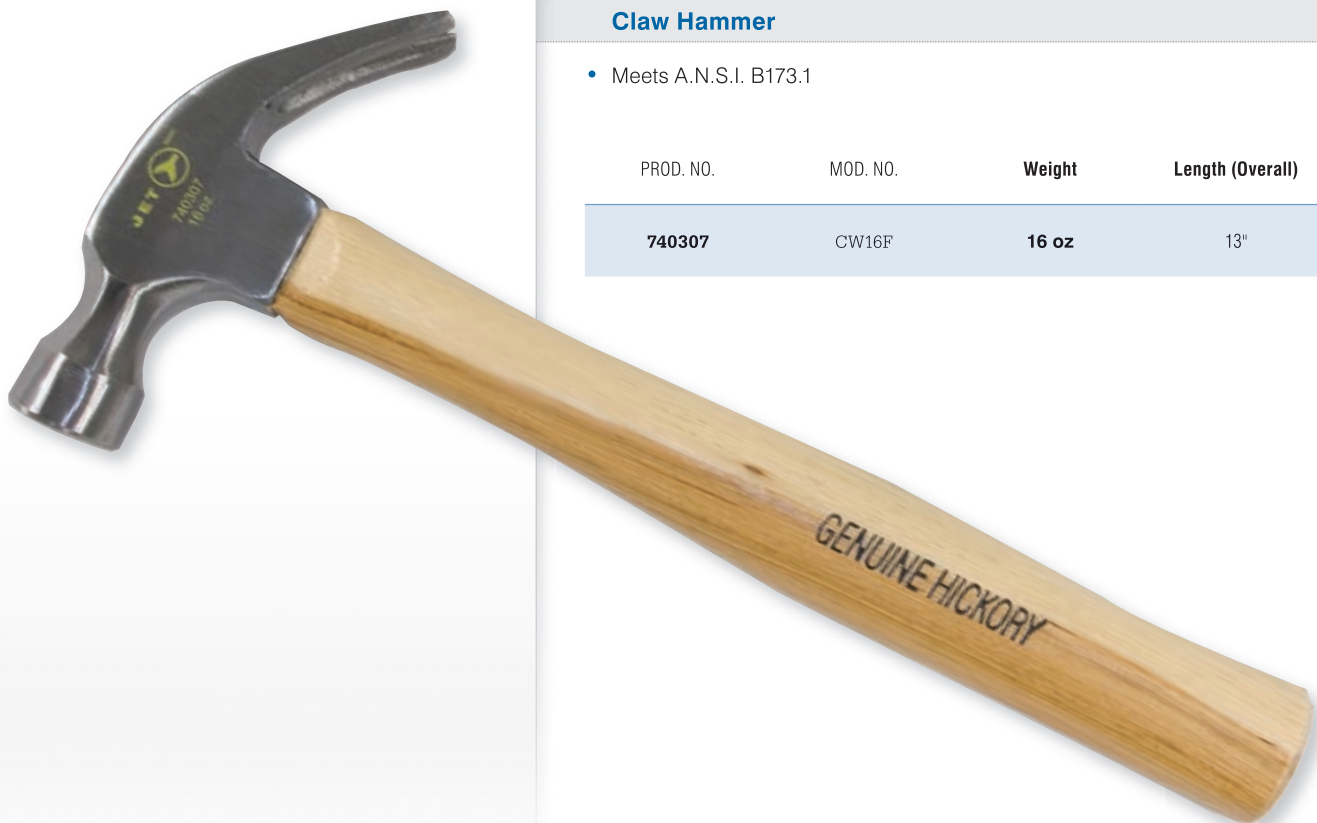
- Meets A.N.S.I. B173.2

PROD. NO.	MOD. NO.	Weight	Length (Overall)
<b>740151</b>	BP-8H	<b>8 oz</b>	11-1/2"
<b>740153</b>	BP-16H	<b>16 oz</b>	14"
<b>740155</b>	BP-24H	<b>24 oz</b>	15"
<b>740157</b>	BP-32H	<b>32 oz</b>	15"
<b>740158</b>	BP-40H	<b>40 oz</b>	15-3/4"

#### Claw Hammer

- Meets A.N.S.I. B173.1

PROD. NO.	MOD. NO.	Weight	Length (Overall)
<b>740307</b>	CW16F	<b>16 oz</b>	13"



# HAMMERS HICKORY HANDLE

## Sledge Hammers - Heavy Duty

- Meets A.N.S.I. B173.3

PROD. NO.	MOD. NO.	Weight	Length (Overall)
<b>740522</b>	SH-4H	<b>4 lbs</b>	16"
<b>740523</b>	SH-6H	<b>6 lbs</b>	32"
<b>740524</b>	SH-8H	<b>8 lbs</b>	32"
<b>740525</b>	SH-10H	<b>10 lbs</b>	32"
<b>740526</b>	SH-12H	<b>12 lbs</b>	32"
<b>740528</b>	SH-16H	<b>16 lbs</b>	36"

# HAMMERS WOODEN HANDLE

## Rubber Mallets

PROD. NO.	MOD. NO.	Weight	Length (Overall)
<b>740403</b>	RM-16	<b>1 lb</b>	13-1/4"
<b>740407</b>	RM-32	<b>2 lbs</b>	13-1/2"

# HAMMER WELDING

## Chipping Hammer

**740901 / FH-1**

- Quickly removes welding flux

**WARNING:** always wear safety goggles



⚡ *Hand Tools shown in this section feature:*

- Highest fibreglass content for maximum strength
- Polymer jacketed to prevent splintering
- PVC grips for user comfort and safety
- Forged steel heads are hardened and tempered for professional use
- Meets A.N.S.I. specifications
- New improved bonding technology rated for use to -25°C

### Ball Pein - Heavy Duty

- Meets A.N.S.I. B173.2

PROD. NO.	MOD. NO.	Weight	Length (Overall)
<b>740161</b>	BP-08F	<b>8 oz</b>	11"
<b>740163</b>	BP-16F	<b>16 oz</b>	13"
<b>740164</b>	BP-24F	<b>24 oz</b>	14-1/2"
<b>740165</b>	BP-32F	<b>32 oz</b>	15"
<b>740166</b>	BP-40F	<b>40 oz</b>	15-1/2"

### Claw Hammer

- Meets A.N.S.I. B173.1

PROD. NO.	MOD. NO.	Weight	Length (Overall)
<b>740347</b>	CF16F	<b>16 oz</b>	13"

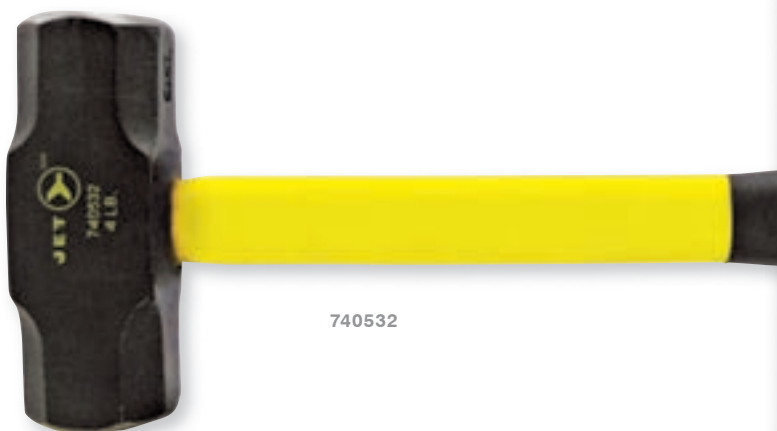




### Brick (Drilling) Hammers

- Machined face minimizes slipping and deflection
- Meets A.N.S.I. B173.3

PROD. NO.	MOD. NO.	Weight	Length (Overall)
<b>740952</b>	DH-48F	<b>3 lbs</b>	10-1/2"
<b>740953</b>	DH-64F	<b>4 lbs</b>	10-1/2"



740532



740953

### Sledge Hammers - Heavy Duty

- Meets A.N.S.I. B173.3

PROD. NO.	MOD. NO.	Weight	Length (Overall)
<b>740532</b>	SH-4F	<b>4 lbs</b>	16"
<b>740533</b>	SH-6F	<b>6 lbs</b>	30"
<b>740534</b>	SH-8F	<b>8 lbs</b>	30"
<b>740535</b>	SH-10F	<b>10 lbs</b>	36"
<b>740536</b>	SH-12F	<b>12 lbs</b>	36"
<b>740538</b>	SH-16F	<b>16 lbs</b>	36"



Smooth transition point between fiberglass and PVC handle for maximum comfort

**WARNING:** always wear safety goggles





740933



740912

## HAMMERS DEAD BLOW

### Dead Blow Soft Face Hammers

- Steel shot filled head directs full force of blow to the work preventing rebound
- Soft face will not mark work
- Welded steel construction
- Medium hardness plastic faces are easily replaceable
- Hard and soft plastic faces available separately
- TPR handle grip for superior control and user comfort

PROD. NO.	MOD. NO.	HeadD ia. (inches)	HeadW eight	HandleL ength
<b>740932</b>	SFH-125	1-3/8"	<b>20 oz</b>	10-1/4"
<b>740933</b>	SFH-175	1-1/2"	<b>29 oz</b>	10-1/4"
<b>740934</b>	SFH-225	1-3/4"	<b>38 oz</b>	10-1/4"

### Replacement Tips

PROD. NO.	MOD. NO.	Description	HeadD ia. (inches)	Colour
<b>740991</b>	RTHY-35	Hard tip for SFH-125	1-3/8"	Yellow
<b>740992</b>	RTHY-40	Hard Tip for SFH-175	1-1/2"	Yellow
<b>740993</b>	RTHY-45	Hard Tip for SFH-225	1-3/4"	Yellow
<b>740994</b>	RTMW-35	Medium Tip for SFH-125	1-3/8"	White
<b>740995</b>	RTMW-40	Medium Tip for SFH-175	1-1/2"	White
<b>740996</b>	RTMW-45	Medium Tip for SFH-225	1-3/4"	White
<b>740997</b>	RTSB-35	Soft Tip for SFH-125	1-3/8"	Blue
<b>740998</b>	RTSB-40	Soft Tip for SFH-175	1-1/2"	Blue
<b>740999</b>	RTSB-45	Soft Tip for SFH-225	1-3/4"	Blue

### Dead Blow Hammers - Standard Duty

- Single piece body made out of PVC, filled with steel shot
- Orange colour for high visibility

PROD. NO.	MOD. NO.	HeadW eight	HandleL ength
<b>740912</b>	DB-100	<b>1 lb</b>	11-1/2"
<b>740913</b>	DB-150	<b>1-1/2 lbs</b>	12-1/2"
<b>740914</b>	DB-200	<b>2 lbs</b>	13-1/2"
<b>740915</b>	DB-300	<b>3 lbs</b>	16"

### Dead Blow Sledge Hammers - Heavy Duty

- Polyurethane shell is much tougher and longer lasting than PVC – up to 5 times the life
- Steel shot filled head directs full force of blow to the work preventing rebound
- Soft face will not mark work
- Steel skeleton encased in tough Polyurethane jacket (740926)
- Fibreglass handle with Polyurethane covered striking head (740927 and 740928)
- TPR handle grip for superior control and user comfort
- Temperature range of **-20°C to 90°C**

PROD. NO.	MOD. NO.	Head Weight	Handle Length
<b>740926</b>	DB-400HD	<b>4 lbs</b>	12"
<b>740927</b>	DB-600HD	<b>6 lbs</b>	32"
<b>740928</b>	DB-800HD	<b>8 lbs</b>	32"

## AXES FIBREGLASS HANDLE

⚡ *Hand Tools shown in this section feature:*

- Highest fibreglass content for maximum strength
- Polymer jacketed to prevent splintering
- PVC grips for user comfort and safety
- Forged steel heads are hardened and tempered for professional use
- Meets A.N.S.I. specifications
- New improved bonding technology rated for use to -25°C

### Axes and Mauls

- Meets A.N.S.I. B173.3

PROD. NO.	MOD. NO.	Type	Weight	Length (Overall)
<b>741107</b>	JH-150F	Hatchet	<b>1-1/2 lbs</b>	16"
<b>741121</b>	JA-250F	Axe	<b>2-1/2 lbs</b>	34"
<b>741123</b>	JA-350F		<b>3-1/2 lbs</b>	34"
<b>741141</b>	SM-6F	Maul	<b>6 lbs</b>	34"
<b>741142</b>	SM-8F		<b>8 lbs</b>	34"

**5X** POLYURETHANE SHELL  
**LIFE OF PVC**



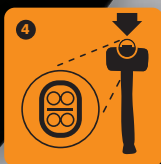
741141

741121

741107

**WARNING:** always wear safety goggles





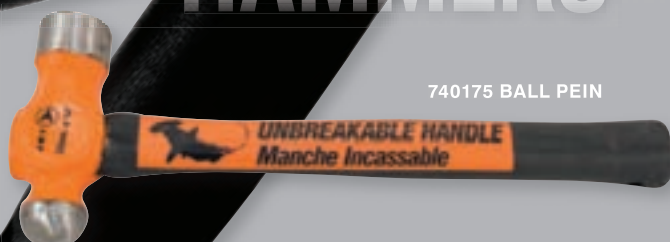
IMPROVED

# UNBREAKABLE HANDLE HAMMERS



**STRIKING TOOLS**  
**UNBREAKABLE HANDLE**

740175 BALL PEIN



740582 SLEDGE



740179 CROSS PEIN



- 1 Spring steel rods encased in vulcanized rubber provide the ultimate striking tool handle
- 2 Handle absorbs impact and vibration, reducing user fatigue
- 3 Will not break, bend, or split even after repeated overstrikes
- 4 Patented locking plate makes head separation impossible
- 5 Provides unparalleled grip in all conditions and is resistant to most industrial chemicals
- 6 Drop forged heads heat-treated to HRC 52-56

Developed for the mining industry, these hammers are ideal for use in applications where a failure is more than just an inconvenience

**Lifetime Warranty**

## Ball Pein



PROD. NO.	MOD. NO.	Length (Overall)	Head Weight	Overall Weight
740174	UBP-2414	14"	24 oz.	2.2 lbs
740175	UBP-3214	14"	32 oz.	2.7 lbs

## Cross Pein



PROD. NO.	MOD. NO.	Length (Overall)	Head Weight	Overall Weight
740178	UCP-216	16"	2 lbs	4.7 lbs
740179	UCP-316	16"	3 lbs	5.7 lbs

## Sledge



PROD. NO.	MOD. NO.	Length (Overall)	Head Weight	Overall Weight
740580	USH-250	12"	2.5 lbs	3.85 lbs
740581	USH-412	12"	4 lbs	5.50 lbs
740582	USH-416	16"	4 lbs	5.8 lbs
740584	USH-630	30"	6 lbs	10.0 lbs
740585	USH-824	24"	8 lb	11.1 lbs
740586	USH-830	30"	8 lbs	12.0 lbs
740587	USH-1030	30"	10 lbs	14.5 lbs
740588	USH-1230	30"	12 lbs	16.5 lbs
740589	USH-1430	30"	14 lbs	18.5 lbs



# PUNCH AND CHISEL SETS

## Striking Tools

### ⚡ Hand Tools shown in this section feature:

- Made of the highest grade carbon steel, accurately hardened and tempered to prevent splintering and extend life
- Powder coated shank protects against rust
- Edges accurately tempered to stay sharp
- Extra-thick hexagonal shanks minimize roll away
- Working ends accurately ground and hardened to HRC 52-58 for maximum service
- Striking end hardened to HRC-42 maximum – won't chip or mushroom
- Meets Canadian Government Specifications CDA39GP-43a

**⚠ WARNING:** Always use punches and chisels on materials softer than the hardness of the punch itself



#### 6 Piece Pin Punch Set

775509 / PP-6S

- Pin Punch: 3/32, 1/8, 5/32, 3/16, 1/4, 5/16"



#### 6 Piece Roll Pin Punch Set

775526 / RPP-6S

- Roll Pin Punch: 3/32, 1/8, 5/32, 3/16, 1/4, 5/16"



#### 6 Piece Cold Chisel Set

775531 / CC-6S

- Cold Chisel: 1/4, 5/16, 3/8, 1/2, 5/8, 3/4"



**WARNING:** always wear safety goggles





## 8 Piece Punch and Chisel Set

775507 / PC8-1S

- Cold Chisel: 1/2, 5/8, 3/4"
- Centre Punch: 5/32"
- Solid Punch: 3/16"
- Pin Punch: 1/8, 3/16, 1/4"



## 14 Piece Punch and Chisel Set

775511 / PC-14S

- Cold Chisel: 3/8, 1/2, 5/8, 3/4, 7/8"
- Centre Punch: 5/32, 1/4"
- Solid Punch: 1/8, 5/16"
- Drift Punch: 1/8, 5/32"
- Pin Punch: 1/16, 1/8, 3/16"



## 16 Piece Punch and Chisel Set

775508 / PC16-1S

- Cold Chisel: 5/16, 1/2, 5/8, 3/4, 7/8"
- Centre Punch: 1/8, 5/32, 1/4"
- Solid Punch: 1/8, 3/16, 1/4"
- Drift Punch: 3/16, 1/4"
- Pin Punch: 1/8, 3/16, 1/4"



## 24 Piece Punch and Chisel Set

775513 / PC24S

- Cold Chisel: 1/4, 5/16, 3/8, 1/2, 5/8, 3/4, 7/8"
- Centre Punch: 5/64, 5/32, 1/4", ACP-2 Auto
- Solid Punch: 1/16, 1/8, 5/32, 3/16, 1/4, 5/16"
- Pin Punch: 1/16, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16"

### ⚡ Hand Tools shown in this section feature:

- Made of the highest grade carbon steel, accurately hardened and tempered to prevent splintering and extend life
- Powder coated shank protects against rust
- Edges accurately tempered to stay sharp
- Extra-thick Hexagonal shanks minimize roll away
- Working ends accurately ground and hardened to HRC 52-58 for maximum service
- Striking end hardened to HRC-42 maximum – won't chip or mushroom
- Meets Canadian Government Specifications CDA39GP-43a

**⚠ WARNING:** Always use punches and chisels on materials softer than the hardness of the punch itself



### Pin Punches

- Ideal for driving out and removing already loosened pins and keys after initial movement by a solid punch

PROD. NO.	MOD. NO.	Point	Shank	Length
775400	PP232	1/16"	1/4"	4"
775401	PP332	3/32"	1/4"	4-1/4"
775402	PP432	1/8"	5/16"	4-3/4"
775403	PP532	5/32"	5/16"	5"
775404	PP632	3/16"	5/16"	5-1/4"
775405	PP832	1/4"	3/8"	5-3/4"
775406	PP1032	5/16"	7/16"	6"



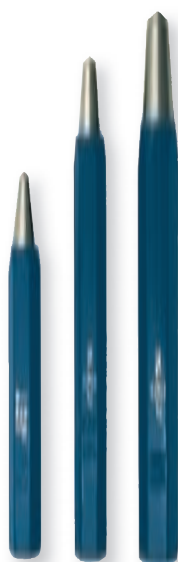
### Roll Pin Punches

- Specifically designed for removing roll pins and spring pins
- Ball end keeps punch centered and allows maximum contact between pin and punch shoulder

PROD. NO.	MOD. NO.	Point	Shank	Length
775452	RPP332	3/32"	1/4"	3-1/2"
775453	RPP432	1/8"	1/4"	3-3/4"
775454	RPP532	5/32"	5/16"	4-1/2"
775455	RPP632	3/16"	5/16"	4-1/2"
775456	RPP832	1/4"	3/8"	5-1/2"
775457	RPP1032	5/16"	3/8"	6"

**WARNING:** always wear safety goggles





## Solid (Starting) Punches

- Solid (or starting) punches are used prior to using a pin punch and are useful for loosening frozen or tight pins and keys

PROD. NO.	MOD. NO.	Point	Shank	Length
<b>775420</b>	SP116	<b>1/16"</b>	3/8"	5"
<b>775421</b>	SP216	<b>1/8"</b>	5/16"	5"
<b>775422</b>	SP316	<b>3/16"</b>	3/8"	5"
<b>775423</b>	SP416	<b>1/4"</b>	1/2"	5"
<b>775424</b>	SP516	<b>5/16"</b>	1/2"	6"
<b>775425</b>	SP532	<b>5/32"</b>	3/8"	5"

## Centre Punches

- Ideal for clearly marking metal in work layout and making indentations in a workpiece before drilling
- Working tips are centered and ground to a correct 90° included angle

PROD. NO.	MOD. NO.	Point	Shank	Length
<b>775440</b>	CP416	<b>5/64"</b>	1/4"	3-1/2"
<b>775441</b>	CP516	<b>1/8"</b>	5/16"	4-1/2"
<b>775442</b>	CP616	<b>5/32"</b>	5/16"	5-1/2"
<b>775443</b>	CP816	<b>1/4"</b>	3/8"	6"

## Drift (Aligning) Punches

- Ideal for lining up holes in two or more pieces of metal and for drawing pins through various assemblies
- Often referred to as aligning punches. Pry or twist both parts into alignment and then tap gently to ensure perfect alignment

PROD. NO.	MOD. NO.	Point	Shank	Length
<b>775410</b>	AP532	<b>5/32"</b>	3/8"	9"
<b>775411</b>	AP216	<b>1/8"</b>	5/16"	8"
<b>775412</b>	AP316	<b>3/16"</b>	5/16"	10"
<b>775413</b>	AP416	<b>1/4"</b>	3/8"	10"





### Cold Chisels

- Designed for cutting, shaping or removing metals softer than the chisel itself such as wrought iron, unhardened steel, aluminum, brass and copper. Can also be used on some building materials

PROD. NO.	MOD. NO.	Shank	Length	Blade Width
<b>775430</b>	CC430	1/4"	5"	<b>1/4"</b>
<b>775431</b>	CC516	1/4"	5"	<b>5/16"</b>
<b>775432</b>	CC816	7/16"	6"	<b>1/2"</b>
<b>775433</b>	CC1016	1/2"	6-1/2"	<b>5/8"</b>
<b>775434</b>	CC1216	5/8"	7"	<b>3/4"</b>
<b>775435</b>	CC1416	5/8"	8"	<b>7/8"</b>
<b>775436</b>	CC1616	3/4"	8-1/2"	<b>1"</b>
<b>775437</b>	CC616	5/16"	5-1/2"	<b>3/8"</b>



### Cold Chisels - with Safety Grips

- Safety grip protects hand from overstrikes

PROD. NO.	MOD. NO.	Length	Blade
<b>775461</b>	CCG-110	10"	<b>1"</b>
<b>775462</b>	CCG-112	12"	<b>1"</b>



### Automatic Centre Punch

- Adjustable tension controls depth of impression

PROD. NO.	MOD. NO.	Length	Diameter
<b>775592</b>	ACP-2	5"	<b>1/2"</b>



**WARNING:** always wear safety goggles





**⚡ Hand Tools shown in this section feature:**

- Manufactured from high quality steel and induction hardened for durability and extended life
- Stamping end hardened to 58-62 HRC – striking end hardened to 38-43 HRC to prevent splintering
- Striking ends are beveled to prevent breakage and to increase operator safety
- Sets contain: Numbers: "0" - "9" (6 and 9 are interchangeable)
- Letters: "A" - "Z" and "&" (ampersand)



## LS Series - Letter Stamp Sets

PROD. NO.	MOD. NO.	Pieces	Characters	Size
<b>391104</b>	LS-030	27	Letters	<b>3mm (1/8")</b>
<b>391107</b>	LS-050	27	Letters	<b>5mm (3/16")</b>
<b>391110</b>	LS-060	27	Letters	<b>6mm (1/4")</b>



## NS Series - Number Stamp Sets

PROD. NO.	MOD. NO.	Pieces	Characters	Size
<b>391103</b>	NS-030	9	Numbers	<b>3mm (1/8")</b>
<b>391106</b>	NS-050	9	Numbers	<b>5mm (3/16")</b>
<b>391109</b>	NS-060	9	Numbers	<b>6mm (1/4")</b>

**WARNING:** always wear safety goggles.



# Construction Tools

WRECKING BARS

BOLT CUTTERS

MEASURING TOOLS

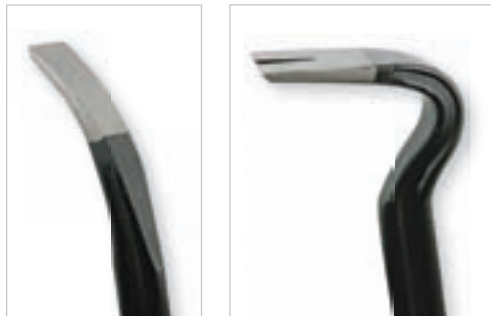
STAPLERS AND TACKERS

HACKSAWS

Designed to withstand  
the toughest applications.

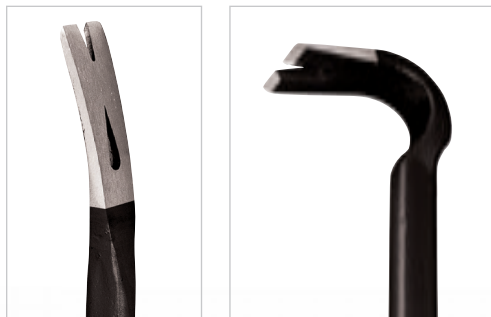






779203

Extra wide face and unique curve design provides more leverage with less effort



779252

Nail puller notches on both ends

## BARS POWERCLAW™ SERIES

### ⚡ Hand Tools shown in this section feature:

- Canada's premier super heavy duty wrecking bars are designed for the toughest jobs
- Made of tough heat treated alloy steel rather than carbon steel
- Precision ground claws are sharper and stronger than competitive products
- Electrostatic powder coated for corrosion resistance



#### Wrecking Bars - Super Heavy Duty

- Heavy duty extra thick profiled bar stock for maximum strength and leverage
- Extra wide face and unique curve radius allows greater leverage with less operator effort

PROD. NO.	MOD. NO.	Length	Material
<b>779201</b>	JPWB-14	<b>14"</b>	Alloy
<b>779203</b>	JPWB-24	<b>24"</b>	Alloy
<b>779205</b>	JPWB-36	<b>36"</b>	Alloy
<b>779256</b>	JPWB-48	<b>48"</b>	Alloy



#### Wrecking Bars - Notched Style - Super Heavy Duty

- Extra tight radius on curved end for increased leverage
- Nail notches on both ends for maximum versatility
- Smooth finished oval cross section shaft for maximum comfort and pulling power

PROD. NO.	MOD. NO.	Length	Material
<b>779252</b>	JPNB-18	<b>18"</b>	Alloy
<b>779253</b>	JPNB-24	<b>24"</b>	Alloy
<b>779255</b>	JPNB-36	<b>36"</b>	Alloy



**new**

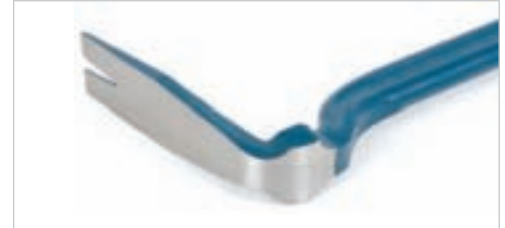
### Hammerhead Wrecking Bars - Super Heavy Duty

- Patented design features extra long claw and reinforced hammer face
- Hammer face is ideal for aligning boards, demolition work, and driving claw into tight spaces
- Extra wide claws minimize side rolling for stable lifting and prying
- Specially designed angle allows bar to be used close to work and provides tremendous leverage
- Drop forged steel with I beam profile for maximum strength
- Nail puller notch in claw
- Available with dual claws or TPR grip handle

#### Dual Claw - Non-TPR Handle Style

PROD. NO.	MOD. NO.	Length	Claws
<b>779261</b>	JHHB-17	<b>17"</b>	2
<b>779262</b>	JHHB-36	<b>36"</b>	2

**POWERCLAW™**



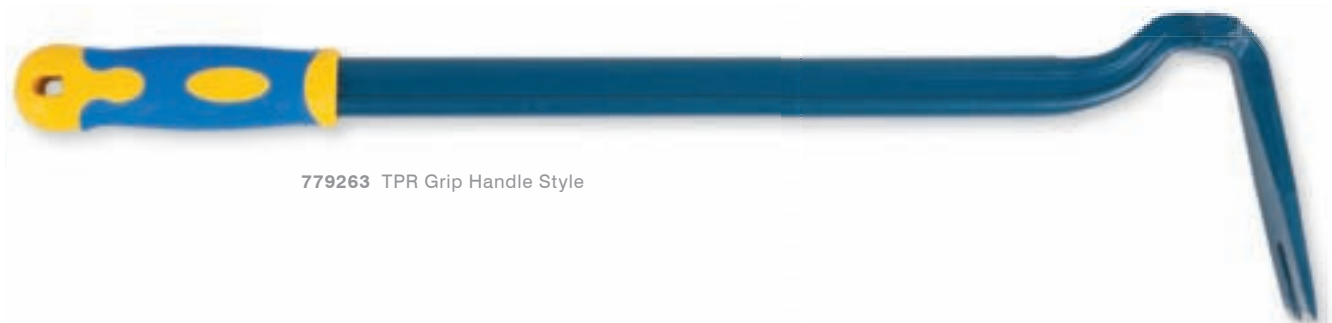
779261

**new**

#### TPR Grip Handle Style

- Same great features except grip adds hand protection for more leverage and allows bar to be hung on wall or from tool belt

PROD. NO.	MOD. NO.	Length	Claws	Material
<b>779263</b>	JHHB-17H	<b>17"</b>	1	Alloy
<b>779264</b>	JHHB-36H	<b>36"</b>	1	Alloy



779263 TPR Grip Handle Style



⚡ *Hand Tools shown in this section feature:*

- Canada's premier super heavy duty wrecking bars are designed for the toughest jobs
- Made of tough heat treated alloy steel rather than carbon steel
- Precision ground claws are sharper and stronger than competitive products
- Electrostatic powder coated for corrosion resistance



### Pinch Bars - Hex Shank - Super Heavy Duty

- Hex shaft bars for maximum comfort
- Pencil and chisel points for a variety of tasks

PROD. NO.	MOD. NO.	Length	Shank Size	Material
<b>779211</b>	JPPB-18	<b>18"</b>	3/4"	Alloy
<b>779212</b>	JPPB-24	<b>24"</b>	3/4"	Alloy
<b>779213</b>	JPPB-30	<b>30"</b>	3/4"	Alloy
<b>779214</b>	JPPB-36	<b>36"</b>	3/4"	Alloy
<b>779215</b>	JPPB-48	<b>48"</b>	1"	Alloy
<b>779216</b>	JPPB-60	<b>60"</b>	1"	Alloy



779211 - 779216 Hex Shank Pinch Bar

### Ironworker's Pinch Bars - Round Shank Super Heavy Duty

- Drop forged chrome alloy steel bars for professional use
- Individually magnetic particle tested to ensure complete material integrity
- Entirely heat treated, not just at the working ends, for maximum endurance
- Smooth taper assists in lining up bolt holes
- Fully chrome plated to resist corrosion

PROD. NO.	MOD. NO.	Length	Shank Size	Material
<b>779231</b>	JIWB-18	<b>18"</b>	5/8"	Chrome Alloy
<b>779232</b>	JIWB-24	<b>24"</b>	3/4"	Chrome Alloy
<b>779233</b>	JIWB-30	<b>30"</b>	7/8"	Chrome Alloy
<b>779234</b>	JIWB-36	<b>36"</b>	7/8"	Chrome Alloy



779231 - 779234 Round Shank Pinch Bar



### Crow Bar - Super Heavy Duty

- Massive bar stock provides maximum strength for heavy prying and lifting jobs

PROD. NO.	MOD. NO.	Length	Weight	Material
<b>779218</b>	JPCB-1860	<b>60"</b>	18 lbs	Alloy



779218 **60"**

### Digging Bar - Super Heavy Duty

- Pencil point and chisel point for breaking hard packed ground
- Heavy duty bar stock provides maximum leverage for moving rocks

PROD. NO.	MOD. NO.	Length	Shank Size	Weight	Material
<b>779258</b>	JPDB-1772	<b>72"</b>	1"	17 lbs	Alloy



779258 **72"**

### Utility Bar

PROD. NO. MOD. NO. Length Material

**779112** PB-15 15" Alloy



779112

### Nail Puller

PROD. NO. MOD. NO. Length Material

**779113** JPNP-11 11" Alloy



779113



### 4 Piece Rolling Head Pry Bar Set

**859211** / JRPB-4S

- Rounded head acts as a fulcrum to provide extra leverage
- Tapered point and round stock ideal for aligning parts through bolt holes
- Heat treated Chrome Vanadium steel for professional use
- Magnetic particle tested to ensure complete material integrity
- Electrostatic powder coat paint protects against corrosion
- Includes: **6, 12, 16, 20"**



CrV

**new**

### Rolling Head Pry Bars - Open Stock

PROD. NO. Length Contained in Set

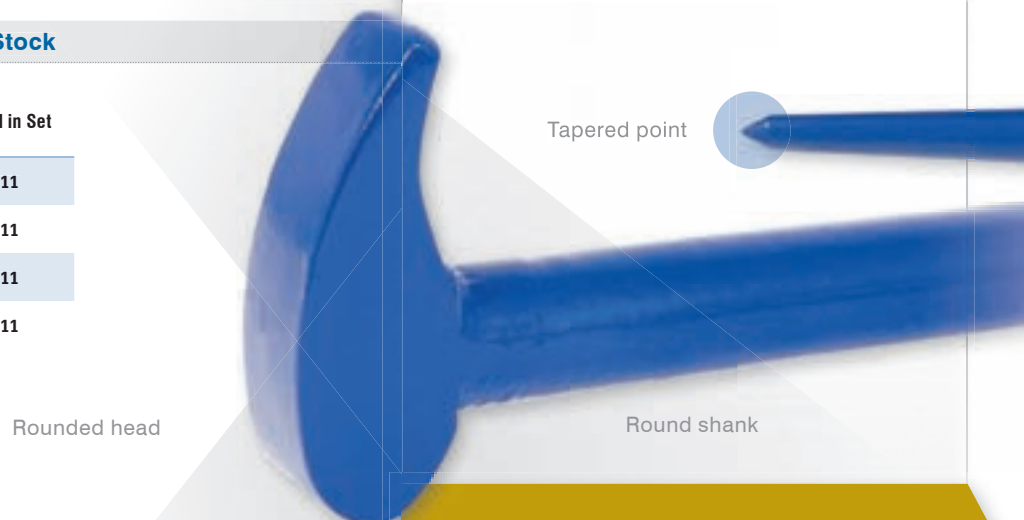
**859212** 6" **859211**

**859213** 12" **859211**

**859214** 16" **859211**

**859215** 20" **859211**

CrV **new**



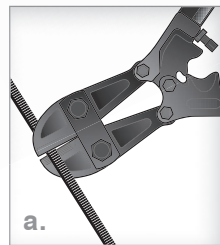
Rounded head

Tapered point

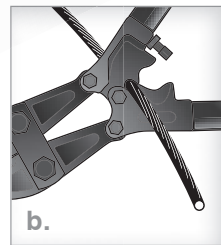
Round shank

MECHANIC'S PRY BARS

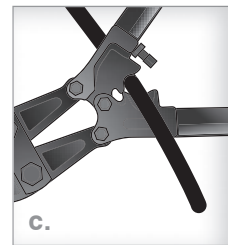
See page 126 for Mechanic's Pry Bars



Bolt



Wire Rope



Cable

**3-in-1 Bolt Cutters - Heavy Duty**

- Unique design cuts bolts, rods, wire and cable
- Hardened drop forged Chrome Vanadium blades for long life
- Serrated cutting edges cut with less hand force and prevent material from slipping
- Bolt cutter blades are easily adjustable and replaceable
- Blade hardness HRC55 – 60
- Maximum material hardness HRC 42

PROD. NO.	MOD. NO.	Size	Bolt	Rebar	Wire Rope	Cable	REPLACEMENT HEAD
731204	BCW-18	18"	5/16"	1/4"	3/16"	11/32"	731214
731205	BCW-24	24"	13/32"	5/16"	9/32"	1/2"	731215



CrMo

### Bolt Cutters - Heavy Duty

- JET bolt cutters are designed to cut soft and medium grade bolts, rods, rivets, bar and chain
- Serrated cutting edges cut with less hand force and prevent material from slipping
- **Chrome Molybdenum** steel blades
- Blades hardened to HRC 55 - 61
- Maximum hardness of material to be cut: HRC 42

PROD. NO.	MOD. NO.	Length	Capacity (Soft)	Capacity (Medium)	REPLACEMENT HEAD
<b>731108</b>	BC-8	<b>8"</b>	—	—	—
<b>731112</b>	BC-12	<b>12"</b>	3/16"	5/32"	<b>731162</b>
<b>731114</b>	BC-14	<b>14"</b>	1/4"	3/16"	<b>731164</b>
<b>731118</b>	BC-18	<b>18"</b>	5/16"	1/4"	<b>731168</b>
<b>731124</b>	BC-24	<b>24"</b>	3/8"	5/16"	<b>731174</b>
<b>731130</b>	BC-30	<b>30"</b>	1/2"	5/16"	<b>731180</b>
<b>731136</b>	BC-36	<b>36"</b>	5/8"	3/8"	<b>731186</b>
<b>731142</b>	BC-42	<b>42"</b>	3/4"	7/16"	<b>731192</b>



731108



731114



Now with serrated edges

### Rod Cutter and Bender

- A premium industrial quality rod cutter / bender for heavy duty construction applications
- Bends 5/8" rebar up to 180°

PROD. NO.	MOD. NO.	Capacity	REPLACEMENT HEAD
<b>735403</b>	RC-16	<b>5/8"</b>	<b>731453</b>

735403





### Tape Measures - Heavy Duty

- Extra wide tape provides 8' standout
- High contrast blade for easy reading
- Dual S.A.E. and Metric scales (S.A.E. only, on model JTM-425S)
- 1/16" increments on S.A.E. scale
- Integral rubber inserts provide maximum grip and protection
- Built-in bumper cushions recoil impact
- Easy slide lock
- Meets GS / TUV and CE standards
- Available individually carded or in display case of 12 carded tapes

PROD. NO.	MOD. NO.	Scale	Width	Overall length
<b>775921</b>	JTM-416SM	S.A.E./Metric	1"	<b>16' / 5m</b>
<b>775928</b>	JTM-425S	S.A.E.	1"	<b>25'</b>
<b>775929</b>	JTM-425SM	S.A.E./Metric	1"	<b>25' / 7.5m</b>

### Extra Long Steel Tape Measure

**775936 / JSTM-100SM**

- Two sided tape features S.A.E. measurements on one side, Metric on the other
- Fast rewind provided by fold-away handle
- High contrast blade for easy reading
- 0 point inside ring
- Meets GS / TUV and CE standards
- 3/8" width
- 100' / 30m length

### Open Reel Fibreglass Tape Measure

**775910 / JFTM-165SM**

- Two sided tape features S.A.E. measurements on one side, Metric on the other
- Fast rewind provided by fold-away handle
- 0 point inside ring
- PVC coating prevents rot, facilitates cleaning - can be rewound when wet
- Ergonomic case with sure grip
- Tape can be removed and rewound to show either scale face up
- Meets GS / TUV and CE standards
- 1/2" width
- 165' / 50m length

### Framing and Layout Square

- Lacquer coated steel squares resist rust
- Clear permanently etched graduations
- 1/8" increments on all edges
- Rafter square has brace scale and rafter table

PROD. NO.	MOD. NO.	Scale	Blade	Tongue
<b>776055</b>	JSCS-812	S.A.E.	<b>1-1/2" x 12"</b>	1" x 8"
<b>776060</b>	JSRS-1624	S.A.E.	<b>2" x 24"</b>	1-1/2 x 16"

### Rafter Angle Square

**776061** / JRAS-710

- Extra thick aluminum extrusion is stronger than brittle die casts
- Will not rust
- Clear permanently etched graduations
- Measures hip, valley and common rafter angles
- Most versatile square – combines rafter and framing square, protractor, try square, mitre square and saw guide
- **7" x 7" x 10"**
- Scale S.A.E.

### Combination Square

**776065** / JCS-12

- Die cast aluminum head for accuracy and durability
- Stainless steel blade with etched graduations
- S.A.E. scale on all edges allows marking on both sides of blade
- Built in level for improved accuracy and versatility
- Convenient scratch awl
- Meets GS / TUV and CE standards
- Blade: **1" x 12"**

### T-Bevel Square

**776070** / JTB-8

- Use to measure and transfer angles
- S.A.E. and Metric graduations
- Built in level for improved accuracy and versatility
- Large knurled locking wheel will not jam
- Steel blade with ABS handle
- Meets GS / TUV and CE standards
- Blade: **2" x 8"**



776060



Top read centre vial



776001

Top read centre vial



776021

### Aluminum Box Levels

- Box beam construction with reinforcing ribs prevents twisting and bending under normal use
- Precision milled on both surfaces for maximum accuracy
- 3 shatter-resistant acrylic block vials read horizontal, plumb and 45°
- Top read centre vial provides 300° viewing for easy readability
- Oversized hand holes for sure grip
- Shock absorbing beveled end caps
- Bright yellow finish for improved visibility
- Meets GS / TUV and CE standards

PROD. NO.	MOD. NO.	Overall length	Vials
<b>776001</b>	JBL-9924B	<b>24"</b>	3
<b>776002</b>	JBL-9948B	<b>48"</b>	3
<b>776004</b>	JBL-9972B	<b>72"</b>	3

### Aluminum Box Levels - Heavy Duty

- Extra thick aluminum stock extruded into a unique profile offers the ultimate in strength and resistance to twisting
- Precision milled on both surfaces for maximum accuracy
- V-grooves on both surfaces for use on pipe
- Hidden magnets in bottom surface hold level securely to metal objects
- 3 shatter-resistant mono block acrylic vials (1 horizontal, 2 plumb)
- Top read centre vial provides 300° visibility
- Double layer rubber and plastic end caps offer superior shock absorption
- Meets GS/TUV and CE standards

PROD. NO.	MOD. NO.	Overall length	Vials
<b>776021</b>	JPBL-24	<b>24"</b>	3
<b>776022</b>	JPBL-48	<b>48"</b>	3



### Torpedo Level

776006 / JTL-9B

- 9" aluminum frame for improved accuracy and durability
- Top read centre vial for easy readability, provides 300° viewing
- 3 vials read horizontal, plumb and 45°
- White frame around vials for improved readability
- Magnetic strip holds level securely to metal objects
- Meets GS / TUV and CE standards



### Chalk Line Set

779161 / JACL-100S

- Aluminum case for maximum durability
- Holds 100' of line
- Can be used as a plumb bob
- Includes 3" line level and 4 oz. chalk



779161

### Post Level

776016 / JPL-01

- Measures two sides of post at once for fast easy setting of fence posts, deck supports etc.
- 3 vials measure plumb and level
- Attaches with any rubber band (not included) or to metal posts with magnetic strips



### Replacement Chalk

779162 / JBPC-4

- 4 oz. fine blue layout chalk
- For use with any chalk line reel



### Plumb Bob - Brass

779171 / JBPB-12

- 12 oz. solid machined brass
- Hardened steel replaceable tip
- Extra tip included
- Top unscrews for easy line centering





⚡ *Hand Tools shown in this section feature:*

- JET staplers and hammer tackers are designed for professional use
- Durable all steel or aluminum construction
- Nickel plated finish resists corrosion
- Low staple viewing window
- Handle lock allows compact storage

### Staple Guns

#### Standard Duty

**849403** / JSG-103

- Exclusive swing-away channel for easy clearing of jammed staples
- Perfect for light to medium duty applications
- Uses **1/4" – 5/16" Standard Duty JET staples** or equivalents

#### Heavy Duty

**849411** / JSG-101HD

- Comfortable PVC hand grip
- For upholstery, fencing, carpeting, ceiling tile, insulation and many other uses
- Uses **1/4" – 9/16" Heavy Duty JET staples** or equivalents

PROD. NO.	MOD. NO.	Description
<b>849403</b>	JSG-103	Standard Duty Staple Gun
<b>849411</b>	JSG-101HD	Heavy Duty Staple Gun

### Staple / Nail Gun - Heavy Duty

**849412** / JSG-102HD

- Die cast aluminum alloy housing will not rust
- Ergonomic design allows application of maximum pressure without fatigue
- 2 position adjustment lever provides the ideal power for use on soft or hard materials
- Bi-material hand grip for increased comfort
- Bottom loading design for fast refills and easy clearing of jammed staples
- For upholstery, fencing, carpeting, ceiling tile, insulation and many other uses
- Unique lock allows compact storage
- Uses **1/4" – 9/16" Heavy Duty JET staples** or equivalents and **18 gauge brad nails**
- Low staple viewing window



### Hammer Tackers

#### Standard Duty

**849407** / JHT-102

- Perfect for light to medium applications
- Large PVC grip for maximum comfort
- Uses **1/4" – 5/16" Standard Duty JET staples** or equivalent

#### Heavy Duty

**849416** / JHT-101HD

- 32 oz total weight provides maximum hitting power
- Ideal for carpet and underlay, roofing felt, plastic sheeting etc.
- Comfortable rubber handle for maximum grip
- Rear loading magazine
- Uses **1/4" – 3/8" Heavy Duty JET staples** or equivalents

### Staples

- Designed for use with JET staplers or any brand compatible with Arrow® T-50 or JT-21 staples
- 1,000 staples per box
- Available in various lengths from 1/4" to 9/16"
- Available for standard duty and heavy duty applications

PROD. NO.	MOD. NO.	Description	Use With Models
<b>849481</b>	JS-1006	<b>1/4" SD Staples</b>	JSG-103, JHT-102
<b>849482</b>	JS-1008	<b>5/16" SD Staples</b>	JSG-103
<b>849491</b>	JS-1006HD	<b>1/4" HD Staples</b>	JSG-101HD, JSG-102HD, JHT101HD
<b>849492</b>	JS-1008HD	<b>5/16" HD Staples</b>	JSG-101HD, JSG-102HD, JHT101HD
<b>849493</b>	JS-1010HD	<b>3/8" HD Staples</b>	JSG-101HD, JSG-102HD, JHT101HD
<b>849494</b>	JS-1012HD	<b>1/2" HD Staples</b>	JSG-101HD, JSG-102HD
<b>849495</b>	JS-1014HD	<b>9/16" HD Staples</b>	JSG-101HD, JSG-102HD



849416

849407





12" Blades



12" Blades

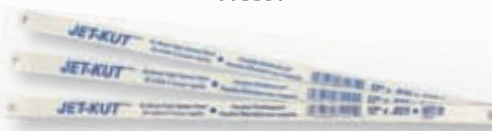


12" Blades



6" Blades

775391



## WIRE WHEELS AND CUTTINGS TOOLS

Please consult our Abrasives catalogue or visit our website at [www.jetequipment.com](http://www.jetequipment.com)

## ⚡ Hand Tools shown in this section feature:

- Cast aluminum frames combine high strength with light weight
- TPR grip on handle for comfort and secure grip
- Blade can be angle mounted for special applications
- Powder coated for added resistance to corrosion

## 12" Ergonomic Frame

775306 / 525A

- Heavy ergonomic frame accepts 12" blades
- Front frame with contoured grip for better control
- Convenient in-handle blade storage

## 12" Oval Tube Style - Heavy Duty

775307 / JHS-5012

- Oval tube provides greater strength than square tube saws
- Extra thick cast aluminum frame components for heavy duty professional applications
- Easy to use wing nut provides up to 3,000 PSI tension on blade
- Blade can be mounted at 45° for special applications
- Unique blade storage compartment holds up to 6 spare blades

## 12" Aluminum I-Beam Style

775308 / JHS-3012

- One piece cast aluminum I-beam frame for rigidity
- Easy to use wing nut provides up to 2,500 PSI tension on blade
- Blade can be mounted at 45° for special applications

## 6" Mini Aluminum I-Beam Style

775301 / JHS-9006

- One piece cast aluminum I-beam frame for rigidity
- 10-1/4" overall length - fits in any tool box
- Thumbscrew tension adjustment
- Blade can be mounted at 60° left or right
- Uses 6" mini hacksaw blades with mounting pins
- Replacement blade: **775391**

## JET-KUT® Bi-Metal Hacksaw Blades

- Bi-metal construction with carbon steel core and high speed steel teeth thermally treated under high vacuum
- Flexible and shatterproof safety blades
- An excellent performing, long lasting blade for a wide range of applications

PROD. NO.	Size (inches) L x W x T	Teeth TPI	Pkg Qty
566231	12 x 1/2 x 0.25	18	10 / 100
566232	12 x 1/2 x 0.25	24	10 / 100
566233	12 x 1/2 x 0.25	32	10 / 100



# Precision / Electronic Measuring Tools Flashlights



**ELECTRONIC THERMOMETERS**

**DIGITAL METERS**

**CALIPERS**

**MICROMETERS**

**GAUGES**

**DIALS**

**FLASHLIGHTS**

Our precision measuring tool program has been developed with the professional in mind.



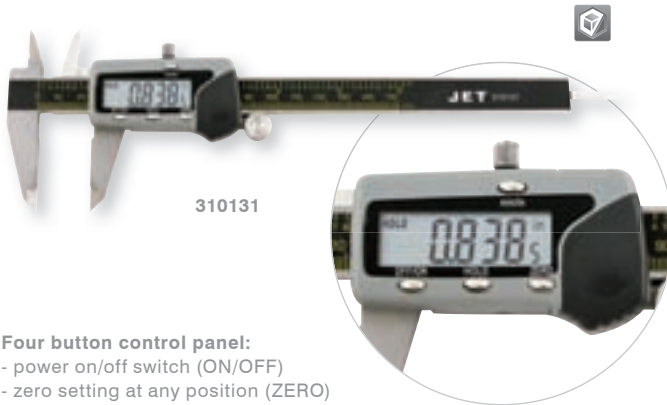
⚡ *Hand Tools in this section feature:*

- All JET calipers feature stainless steel construction for professional use

### LCD Digital Calipers

- Extra large LCD screen is easier to read
- Four measurements – inside, outside, depth, step
- Professional quality hardened stainless steel construction
- Precision ground measuring surfaces
- With data output interface
- Fine adjustment thumb wheel
- Comes with high impact plastic storage case

PROD. NO.	MOD. NO.	Type	Range	Increments
<b>310131</b>	JEDC-6	Electronic	<b>0-6"</b> (150mm)	0.0005"/0.01mm
<b>310132</b>	JEDC-8	Electronic	<b>0-8"</b> (200mm)	0.0005"/0.01mm
<b>310136</b>	JEDC-12	Electronic	<b>0-12"</b> (300mm)	0.0005"/0.01mm



#### Four button control panel:

- power on/off switch (ON/OFF)
- zero setting at any position (ZERO)
- data hold function (HOLD)
- instant S.A.E. / Metric conversion (MM/IN)

### LCD Digital Calipers - Fractional

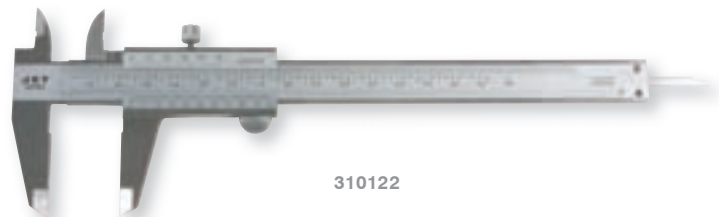
- Unique LCD can display measurements in Metric, S.A.E. and fractional formats
- Easily converts measurements with the touch of a button
- Four measurements - inside, outside, depth, step
- Professional quality hardened stainless steel construction
- Precision ground measuring faces
- Auto power off
- Fine adjustment thumbwheel

PROD. NO.	MOD. NO.	Type	Range	Increments
<b>310133</b>	JEDC-6F	Electronic	<b>0-6"</b> (150mm)	0.0005" / 0.01mm / 1/64"



### Vernier Calipers

- Professional quality hardened stainless steel construction
- Four measurements – inside, outside, depth, step
- S.A.E. scale
- Permanent abrasion resistant graduations
- Satin chrome finish
- Fine adjustment thumb wheel
- Screw lock mechanism



PROD. NO.	MOD. NO.	Type	Range	Increments
<b>310122</b>	JVC-6C	Vernier	<b>0-6"</b> (150mm)	0.001"

### Dial Indicator

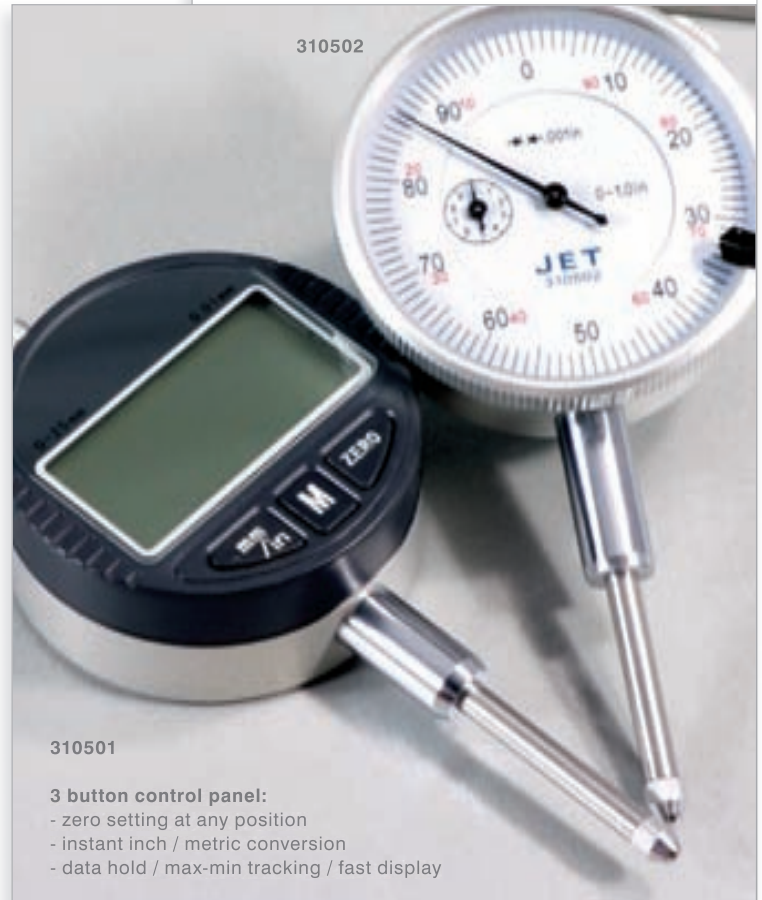
- Knurled bezel rotates 360°
- Stainless steel rack and contact points
- Includes revolution counter
- Back lug of indicator can be swiveled 90° for easy clamping
- Easy to read white face dial
- Range 0 – 1", increments 0.001"
- Range per revolution 0.1"

PROD. NO.	MOD. NO.	Type	Range	Increments
<b>310502</b>	JDI-1	Dial	<b>0 - 1"</b>	0.001"

### LCD Digital Indicator

- Large LCD display for easy reading
- Stainless steel rack and contact points
- With data output interface
- Automatic power off

PROD. NO.	MOD. NO.	Type	Range	Increments
<b>310501</b>	JEDI-1	Digital	<b>0 - 1"</b> (25mm)	0.0005"/0.01mm



## PRECISION MEASURING TOOL KIT

**new**

### 4 Piece Precision Measuring Tool Kit

**310991 / PMTK-4S**

- Kit includes: 6" digital calipers, 0 - 1" micrometer, 3" x 2" bevel edge precision square, and 6" precision rule
- Excellent kit for students, mechanics, millwrights etc.
- Calipers feature large screen, 0.0005" / 0.01mm increments
- Micrometer features spindle lock and ratcheting thimble, 0.0001" increments
- Square manufactured from high grade stainless steel to DIN 875 standard
- Square blade is bevelled on both sides and both edges for excellent sight line to work piece; notch on inside corner for clearance around burs, dirt, etc.
- Stainless steel rule with 1/64", 1/32", 1/16", 1/8", 0.5mm, and 1mm increments
- High impact plastic case with die cut foam keeps tools secure



## MAGNETIC BASES

### Standard Style

310902 / JMB-1

- Rod and swivel style
- On / Off switch to release magnet
- Powerful magnet holds base firmly to metal host
- 3 dimensional central locking mechanism
- Complete with fine adjustment
- Can be used with most makes of dial indicators



### Flexible Style

310903 / JFMB-12

- 12" flexible arm holds dial indicator firmly in any position
- On / Off switch to release magnet
- Powerful magnet holds base firmly to metal host
- Stem flexes almost 360°



### Quick Set Style

310905 / JMB-2

- Fine adjustment screw controls all 3 joints for fast set up
- On / Off switch to release magnet
- Powerful magnet holds base firmly to metal host



310206

#### Five button control panel:

- power on/off switch (ON/OFF)
- zero setting at any position (SET)
- instant S.A.E. / Metric conversion (MM/IN)
- clock mode / data output
- absolute / incremental measurement (ABS/INC)



### LCD Digital Outside Micrometer 310206 / JEOM-1

- Large LCD display for easy reading
- Precision machined carbide tipped measuring face
- Precision friction thimble for one hand operation
- IP54 moisture resistant construction
- Satin chrome finish – professional quality construction
- 0.00005" / 0.001 mm increments
- Range: **0 - 1"** / 25mm
- Comes with high impact custom plastic storage case



### 3 Piece Outside Micrometer Set 310210 / JOM-3S

- Precision machined carbide tipped measuring faces
- Precision ground and hardened one piece spindles
- Ratcheting friction stop provides uniform pressure
- Convenient lock holds spindle securely when transferring measurements
- 0.0001" increments
- Range: **0 - 3"**
- Contains 1 each of our **0 - 1"**, **1" - 2"**, and **2" - 3"** outside micrometers in a convenient custom made high impact plastic case
- Includes standards for both 1" - 2" and 2" - 3" models



310210



### Outside Micrometers - Open Stock

PROD. NO.	MOD. NO.	Type	Range	Increments
310211	JOM-1	Mechanical	0 - 1"	0.0001"
310212	JOM-2	Mechanical	1 - 2"	0.0001"
310213	JOM-3	Mechanical	2 - 3"	0.0001"



### Depth Micrometer - Mechanical (0-6")

- Interchangeable extension rods feature precision lapped ends
- Ratcheting friction stop provides uniform pressure
- 4" precision ground hardened base
- 0.001" increments
- Satin chrome finish – professional quality construction
- Comes with high impact custom plastic storage case

PROD. NO.	MOD. NO.	Type	Range	Increments	Base Width
310223	JDM-6	Mechanical	0 - 6"	0.001"	4"

# GAUGES



### Dial Bore (Cylinder) Gauge

- Used to measure the internal dimensions of work pieces such as cylinders, piping, tubing, etc.
- Allows cylinder wear measurements without removing pistons
- Unique guiding device facilitates self centering
- Interchangeable extension anvils allow unit to measure a wide range of dimensions: S.A.E. 2" - 6"
- Extremely accurate
- Measures bores up to 6" deep
- Easy to read white face dial
- Comes with high impact custom plastic storage case

PROD. NO.	MOD. NO.	Measuring Range	Depth Range	Number of Anvils	Increments
310511	JBG-6	2" - 6"	6"	11	0.0005"



310212



310223



310511

## ⚡ Hand Tools in this section feature:

- All JET brake tools feature stainless steel construction for professional use



310602

**Four button control panel:**

- power on / off switch (ON/OFF)
- zero setting at any position (SET)
- instant S.A.E. / Metric conversion (MM/IN)
- data hold function (HOLD)

**LCD Digital Disc Brake (Rotor) Caliper**

- The ideal way to measure disc brake rotor thickness
- Both anvils are pointed to measure score depths
- With data output interface
- 0.0005" / 0.01 mm increments
- Comes with custom plastic case

PROD. NO.	MOD. NO.	Range	Increments
<b>310602</b>	JERG-1	<b>0 - 5"</b> (0 - 125 mm)	0.0005" / 0.01 mm

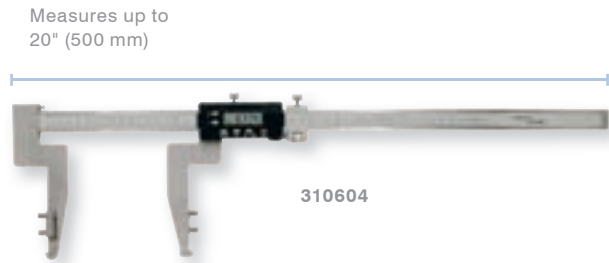


310603

**LCD Digital Rotor Caliper (Wheel Stays On)**

- For measuring disc brake rotor thickness without taking off the wheels
- All other features same as electronic rotor gauge (**310602**)
- 0 - 100 mm range
- Comes with custom plastic case

PROD. NO.	MOD. NO.	Range	Increments
<b>310603</b>	JERG-1WO	<b>0 - 4"</b> (0 - 100 mm)	0.0005" / 0.01 mm



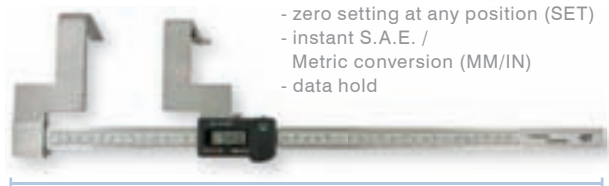
310604

Measures up to  
20" (500 mm)

**LCD Digital Drum Caliper**

- The ideal method to measure wear on brake drums
- 0 - 20" (500 mm) range
- With data output interface
- 0.0005" / 0.01 mm increments
- Comes with custom wood case

PROD. NO.	MOD. NO.	Range	Increments
<b>310604</b>	JEDG-1	<b>0 - 20"</b> (0 - 500 mm)	0.0005" / 0.01 mm

**Four button control panel:**

- power on / off switch (ON/OFF)
- zero setting at any position (SET)
- instant S.A.E. / Metric conversion (MM/IN)
- data hold

Measures up to  
17" (430 mm)

310605

**LCD Digital Drum Caliper - (Wheel Stays On)**

- For measuring wear on brake drums without taking the wheels off
- 0 - 17", 0 - 430 mm range
- 0.0005" / 0.01 mm increments
- Comes with custom wood case

PROD. NO.	MOD. NO.	Range	Increments
<b>310605</b>	JEDG-1WO	<b>0 - 17"</b> (0 - 430 mm)	0.0005" / 0.01 mm

H3630

If you are in the trades, we have the quality and performance you need to get the job done right.

## Electronic Measuring Tools

# THERMOMETERS

### Non-Contact Infrared

- Allows accurate measurement of temperature without contact
- Gives instant readouts in real time
- Ideal for use in inaccessible areas and where moving parts or high heat make contact measurement dangerous
- Thousands of uses including automotive applications, food and beverage industries, chemical industries, cement plants, road building, HVAC, pool maintenance, etc.

PROD. NO. MOD. NO.	<b>310016</b> JIRT-450	<b>310018</b> JIRT-750
<b>Display</b>	3-1/2 digit (1999 count) LCD with back lighting	3-1/2 digit (1999 count) LCD with back lighting
<b>Measuring Range</b>	<b>-20°C to 450°C</b> <b>-4°F to 842°F</b>	<b>-50°C to 750°C</b> <b>-58°F to 1382°F</b>
<b>Increments</b>	1°C / °F	0.1°C / °F up to 200°C / °F 1°C / °F over 200°C / °F
<b>Accuracy</b>	+/- 2°C or 2% of reading	+/- 2°C or 1.5% of reading
<b>Operating Temperature</b>	0°C to 50°C / 32°F to 122°F	0°C to 50°C / 32°F to 122°F
<b>Response Time</b>	1 sec app.	1 sec app.
<b>Field of View (Distance : Spot Size)</b>	8:01	12:01
<b>Spectral Response</b>	6 – 14μm	8 – 14μm
<b>Emissivity</b>	0.95 fixed	0.95 fixed
<b>Relative Humidity (Operating)</b>	Max. 80%	10% – 90%
<b>Over Range Indication</b>	LCD will show "OVER" and meter will beep	LCD will show "1"
<b>Power Off</b>	Automatic shut-off after 7 sec.	Automatic shut-off after 7 sec.
<b>Power Supply</b>	9V battery	9V battery
<b>Weight</b>	180 gram	290 gram
<b>Size</b>	159 x 79 x 57.2 mm	100 x 56 x 230 mm



310018



310016

⚡ *Hand Tools in this section feature:*

- Versatile meters for a wide range of electrical tests
- Features auto shut-off, large LCD display, low battery indicator, overload protection
- TPR shroud protects meter
- Can be used with clamp on adaptor for expanded versatility
- Includes test leads, K-type thermo-coupler and 9V battery

**Multimeter**

- Designed to safety standard IEC-1010; CAT II 600V

PROD. NO. MOD. NO.	<b>310006</b> JDMM-200
Application	AC/DC current AC/DC voltage resistance capacitance frequency temperature diode check transistor hFE
<b>ACC current</b>	20u-20m-200m-20A
<b>DCC current</b>	20m-200m-20A
<b>ACV oltage</b>	20-200-750V
<b>DCV oltage</b>	200m-2-20-200-1000V
<b>Resistance</b>	200-2k-20k-200k-2M-20M-200 Mohms
<b>Frequency</b>	2k-20kHz
<b>Diode Check</b>	2.8V/1mA
<b>Capacitance</b>	2n-20n-200n-2u-20uF
<b>Temperature</b>	-40°C – 1000°C
<b>hFE</b>	Vce ~3V; Ib ~ 10Ua

**Multimeter - Auto Ranging**

- Automatically sets correct range when test function is selected
- Mechanically prevents incorrect connection of test leads
- Data hold function
- Designed to safety standard EN61010-1; CAT II 600V

PROD. NO. MOD. NO.	<b>310008</b> JDMM-300
Application	AC/DC current AC/DC voltage resistance capacitance frequency temperature diode check duty cycle continuity check
<b>ACC current</b>	400u-4000u-40m-400m-4A-20A
<b>DCC current</b>	400u-4000u-40m-400m-4A-20A
<b>ACV oltage</b>	400mV-4V-40V-400V-750V
<b>DCV oltage</b>	400mV-4V-40V-400V-1000V
<b>Resistance</b>	200-4k-40k-400k-4Mohms-40 Mohms
<b>Frequency</b>	9.999Hz – 9.999MHz
<b>Diode Check</b>	Test current of 0.3mA, open circuit voltage of 1.5V
<b>DutyC ycle</b>	0.1% - 99.9%
<b>Continuity Check</b>	Threshold 30 ohms, continuity beeper 2.7 kHz
<b>Capacitance</b>	40nF-400nF-4uF-40uF-100uF
<b>Temperature</b>	-20°C – 760°C



### Automotive Multimeter

**H3630**

- Full-range - performs complete tune-up and troubleshooting tests on all vehicles
- Includes tests such as tach and dwell, test fuel injectors, sensors, alternators, spark plug wires, ignition and charging systems, battery condition and cranking voltage
- Easy-to-read digital LCD • Data hold function • Computer safe



### AUTOMOTIVE MULTIMETER

See page 247 in the **Specialty Auto** section for similar products

### Clamp Meter

- Takes measurements directly through clamp or with test leads
- Designed to safety standard IEC - 1010; CAT II 600V
- Includes zipper case, test leads and 9 volt battery

PROD. NO.	<b>310022</b>
MOD. NO.	JDCM-2
<b>Application</b>	AC/DC current AC/DC voltage resistance frequency
<b>ACC urrent</b>	4A - 1000A
<b>DCC urrent</b>	4A - 1000A
<b>ACV oltage</b>	750V
<b>DCV oltage</b>	1000V
<b>Resistance</b>	200 kOhms
<b>Frequency</b>	2kHz



### Voltage Detector

**310041 / JVD-600**

- Non-contact detection of AC voltage from 100V to 600V
- Suitable for testing outlets or against cable insulation
- Flashing red LED and audible beep indicate voltage
- Built in LED flashlight and pocket clip
- Designed to safety standard CATIII 1,000V
- Always test on a known live circuit before use



## LED Flashlights

- LEDs use less power, burn cool, and last up to 80,000 hours
- Machined aluminum cases anodized inside and out for maximum resistance to corrosion
- O-ring seals prevent water from entering – non-submersible
- Industrial quality rubber sealed switches
- Strongarm LED flashlights are designed to provide a bright view, combined with maximum battery life
- Ideal for lighting work areas and short distances

PROD. NO. MOD. NO.	849804 JLFL-106	849806 JLFL-116	849807 JLFL-130	849809 JLFL-104
<b>Description</b>	<b>6 Light</b> Professional Duty LED Flashlight	<b>16 Light</b> Professional Duty LED Flashlight	<b>30 Light</b> Professional Duty LED Flashlight	Professional Duty LED Flex Light
<b>Battery</b>	Uses 2 AA batteries – Included	Uses 3 C batteries – Not included	Uses 3 D batteries – Not included	Uses 3 AA batteries – Not included
<b>Length</b>	<b>7"</b>	<b>10-1/4"</b>	<b>12-1/2"</b>	<b>33"</b>
<b>Application</b>	Ideal for tool belts	Ideal for tool boxes, glove compartments and many other applications	Ideal for maintenance crews, truckers, emergency personnel and many other applications	Ideal for lighting work areas and small spaces
<b>Standard Accessory</b>	Tool pouch	—	—	—
<b>Features</b>	<b>6 LED lights</b>	<b>16 LED lights</b>	<b>30 LED lights</b>	<b>4 LED Lights</b>



## LED/Xenon Flashlights

- Super bright white LEDs provide maximum long lasting light
- High intensity discharge Xenon bulb provides excellent long distance lighting
- Patented technology allows user to change from LED to Xenon light without removing bulb – just press the switch to cycle between full LED, half LED or Xenon bulbs
- Machined aluminum cases are anodized inside and out for corrosion resistance
- Handles and heads knurled for maximum grip
- Virtually shatterproof polycarbonate lenses
- O-ring seals prevent water from entering – non-submersible
- Industrial quality rubber sealed switches

PROD. NO. MOD. NO.	849814 JLXL-106	849815 JLXL-110
<b>Description</b>	<b>6 Light</b> Professional Duty LED/ Xenon Flashlight	<b>10 Light</b> Professional Duty LED/Xenon Flashlight
<b>Battery</b>	Uses 3 AAA batteries – Included	Uses 2 D batteries – Not included
<b>Length</b>	<b>5-1/2"</b>	<b>10-1/4"</b>
<b>Features</b>	<ul style="list-style-type: none"> <li>• Change from 3 to 6 LEDs or Xenon bulb with one convenient switch</li> <li>• Convenient hand strap</li> </ul>	<ul style="list-style-type: none"> <li>• Change from 5 to 10 LEDs or Xenon bulb with one convenient switch</li> <li>• Convenient hand strap</li> </ul>
<b>Replacement Bulb</b>	<b>849891</b>	<b>849892</b>



# Clamping Pullers



C-CLAMPS

L-CLAMPS

SPRING HAND CLAMPS

PIPE CLAMP

VICES

GEAR PULLERS

BEARING SEPARATOR

Need superior holding, clamping and puller strength? Check our range of professional quality tools.





# C-CLAMPS

**new**
*Coming Summer 2012*


New "Mini" Size Clamps


**new**

## CCJ Series Junior C-Clamps

- Drop forged steel frames for maximum strength in a minimum size
- Powder coated frames and zinc plated screws resist corrosion
- Narrow frames allow use in the most confined spaces
- Swivel pads adopt correct angle for maximum pressure

PROD. NO.	MOD. NO.	Maximum Opening	Throat Depth	Clamping Pressure (lbs)
<b>390151</b>	CCJ-100	<b>1"</b>	1"	500
<b>390153</b>	CCJ-150	<b>1-1/2"</b>	1-1/2"	850
<b>390155</b>	CCJ-200	<b>2"</b>	1-1/4"	875
<b>390157</b>	CCJ-300	<b>3"</b>	1-3/8"	850

## CSG Series

- SG Cast Iron clamps with Spheroidal Graphite structure produces 60,000 PSI tensile strength – twice the tensile strength of ductile iron clamps!
- Guaranteed unbreakable during normal use
- Reinforced frame corners
- Cross handle designed to bend before the frame can be over stressed
- Acme threaded screw for smooth operation and even clamping pressure
- Black oxide coated screw and handle resists weld spatter and corrosion

PROD. NO.	MOD. NO.	Maximum Opening	Throat Depth	Clamping Pressure (lbs)
<b>390142</b>	CSG-4	<b>4"</b>	2-11/32"	2,640
<b>390143</b>	CSG-6	<b>6"</b>	3"	2,860
<b>390144</b>	CSG-8	<b>8"</b>	3-1/8"	2,640
<b>390145</b>	CSG-10	<b>10"</b>	3-1/2"	2,530
<b>390146</b>	CSG-12	<b>12"</b>	4"	2,530



### CC Series - Regular Throat Clamps - Heavy Duty

- Industrial quality drop forged heat treated steel C-clamps
- Heavy duty swivel pads are secured by a special retaining clip that is superior to crimped pads
- Acme threaded screw for smooth operation and even clamping pressure
- Black oxide screw resists welding spatter

PROD. NO.	MOD. NO.	Maximum Opening	Throat Depth	Clamping Pressure (lbs)
390102	CC-2	2-3/16"	1"	3,300
390103	CC-3	2-5/8"	1-1/2"	4,350
390104	CC-4	4"	1-3/4"	5,300
390105	CC-5	4-5/8"	2-1/16"	5,900
390106	CC-6	6-1/4"	2-1/2"	7,650
390108	CC-8	7-1/2"	3-1/4"	8,850
390110	CC-10	9-1/2"	4-1/4"	9,000
390112	CC-12	11-9/16"	4-1/2"	13,000



390102

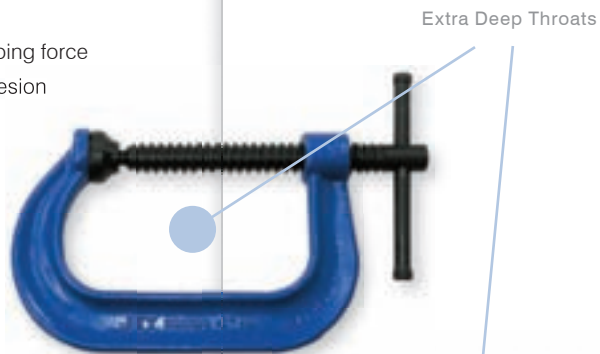


390106

### CC-D Series - Deep Throat Clamps - Heavy Duty

- Industrial quality drop forged heat treated steel C-clamps
- Extra deep throat depths for maximum versatility
- Smooth acting Acme threaded screws for maximum clamping force
- Black oxide coated screw and pads minimize splatter adhesion
- Special pad retaining clips are superior to crimped pads
- Unique clamp profile provides incredible strength yet is lighter than most competing models
- Ideal for all welding and clamping applications

PROD. NO.	MOD. NO.	Maximum Opening	Throat Depth	Clamping Pressure (lbs)
390122	CC-2D	0-2-1/8"	2-1/4"	3,500
390123	CC-3D	0-3"	2-1/2"	3,500
390124	CC-4D	0-4-1/4"	3-1/4"	6,200
390125	CC-6D	0-6-1/16"	4-1/8"	6,600
390126	CC-8D	0-8-1/4"	5"	6,900
390127	CC-10D	2-10-1/8"	6"	8,000
390129	CC-12D	12-1/4"	6-5/16"	9,300



390124



390125



390274



390202



390224

## L-CLAMPS

### ⚡ Hand Tools in this section feature:

- Tempered drop forged sliding arm reduces clamping set up time – ideal for high volume production work
- Nickel-chrome plated rails are heat formed from cold drawn profiled steel
- Extra deep throats for maximum versatility
- High carbon Acme threaded spindle is spatter resistant
- Rails, sliding arms, and spindles 100% heat treated
- Replaceable spindles and pads
- Specialized pads available for JLHD, and JLLD Series

### JLLD Series - Regular Throat Clamps - Light Duty

- Use where moderate clamping pressure is required
- Standard swivel pads
- Our most economical L-clamp

PROD. NO.	MOD. NO.	Opening	Throat Depth	Rail Size	Clamping Pressure (lbs)
<b>390272</b>	JLLD-8	<b>8"</b>	4"	3/4 x 3/8"	770
<b>390273</b>	JLLD-10	<b>10"</b>	4-3/4"	7/8 x 13/32"	1,320
<b>390274</b>	JLLD-12	<b>12"</b>	5-1/2"	1 x 1/2"	1,430
<b>390275</b>	JLLD-16	<b>16"</b>	4-3/4"	1 x 1/2"	1,650

### JLRD Series - L-Clamps - Standard Duty

- Increased clamping pressure and larger sizes for a wider range of applications
- Standard swivel pads

PROD. NO.	MOD. NO.	Opening	Throat Depth	Rail Size	Clamping Pressure (lbs)
<b>390202</b>	JLRD-6	<b>6"</b>	4-3/4"	27/32 X 13/32"	1,320
<b>390204</b>	JLRD-8	<b>8"</b>	4-3/4"	1-3/16 x 9/16"	2,640
<b>390206</b>	JLRD-10	<b>10"</b>	4-3/4"	1-3/16 x 9/16"	2,640
<b>390208</b>	JLRD-12	<b>12"</b>	5-1/2"	1-3/16 x 9/16"	2,640
<b>390210</b>	JLRD-16	<b>16"</b>	4-3/4"	1-3/16 x 9/16"	2,640
<b>390212</b>	JLRD-20	<b>20"</b>	4-3/4"	1-3/16 x 9/16"	2,640

### JLHD Series Deep Throat Clamps - Heavy Duty

- Increased throat depth and heavy duty cold forged swivel pads
- Pads tilt to 35°
- Serrated and V-pads available for special applications

PROD. NO.	MOD. NO.	Opening	Throat Depth	Rail Size	Clamping Pressure (lbs)
<b>390224</b>	JLHD-8	<b>8"</b>	5-1/2"	1-3/16 x 9/16"	2,640
<b>390226</b>	JLHD-10	<b>10"</b>	5-1/2"	1-3/16 x 9/16"	2,640
<b>390228</b>	JLHD-12	<b>12"</b>	5-1/2"	1-3/16 x 9/16"	2,640
<b>390230</b>	JLHD-16	<b>16"</b>	4-3/4"	1-3/16 x 9/16"	2,640
<b>390232</b>	JLHD-20	<b>20"</b>	5-1/2"	1-3/16 x 9/16"	2,640
<b>390233</b>	JLHD-24	<b>24"</b>	5-1/2"	1-3/16" x 9/16"	2,640

### JLSD Series - Deep Throat Clamps - Super Heavy Duty

- The ultimate in depth and strength
- 45% greater clamping pressure than our heavy duty clamps
- Heavy duty pads

PROD. NO.	MOD. NO.	Opening	Throat Depth	Rail Size	Clamping Pressure (lbs)
<b>390248</b>	JLSD-12	<b>12"</b>	6-3/4"	1-9/16 x 3/4"	4,840
<b>390250</b>	JLSD-16	<b>16"</b>	6-3/4"	1-9/16 x 3/4"	4,840
<b>390252</b>	JLSD-20	<b>20"</b>	6-3/4"	1-9/16 x 3/4"	4,840
<b>390254</b>	JLSD-24	<b>24"</b>	6-3/4"	1-9/16 x 3/4"	4,840

### JQLL Series - Quick Lever Clamps - Heavy Duty

- Ratchet lever design prevents overloading clamp
- Resists vibration
- For fast application of high clamping pressure

PROD. NO.	MOD. NO.	Opening	Throat Depth	Rail Size	Clamping Pressure (lbs)
<b>390302</b>	JQLL-6	<b>6-1/4"</b>	3-1/8"	5/8 x 5/16"	500 lbs
<b>390303</b>	JQLL-8	<b>8"</b>	4"	3/4 x 3/8"	770 lbs
<b>390304</b>	JQLL-10	<b>10"</b>	4-3/4"	7/8 x 13/32"	880 lbs
<b>390305</b>	JQLL-12	<b>12"</b>	5-1/2"	1 x 1/2"	1,100 lbs



390248



390304

### L-Clamp Accessories

- Replacement parts for L-Clamps



PLAIN



SERRATED



V-PAD

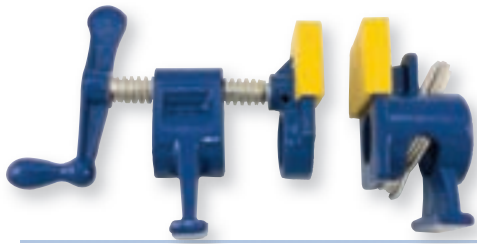
PROD. NO.	Description
<b>390289</b>	Plain Pad for 6" JLRD Clamp
<b>390290</b>	Screw & Handle for 6" JLRD Clamp
<b>390291</b>	Plain Pad for JLRD L-Clamp
<b>390292</b>	Plain Pad for JLHD/JLSD L-Clamp
<b>390293</b>	Serrated Pad for JLHD/JLSD L-Clamp
<b>390294</b>	V Pad for JLHD/JLSD L-Clamp

PROD. NO.	Description
<b>390295</b>	Screw & Handle for JLRD L-Clamp
<b>390296</b>	Screw & Handle for JLHD L-Clamp
<b>390297</b>	Screw & Handle for JLSD L-Clamp
<b>390298</b>	Nut for JLHD/JLSD L-Clamp
<b>390299</b>	Ball Joint for JLHD/JLSD L-Clamp

390295



## Clamping



Flat base allows stable support on work bench and allows handle to turn without contacting surface.



# PIPE CLAMPS

## JPC Series - Pipe - Heavy Duty

**390482** / JPC-7500

- Uses standard 3/4" threaded pipe (not included)
- Flat base allows clamp to stand on work bench for stable support
- Clamp height allows full turn of handle without contacting work surface
- Non-marring pads protect work from damage

# SPRING HAND CLAMPS

## JNSC Series - Nylon Woodworking

- Reinforced nylon construction for strength
- Nylon clamps will not rust
- Tilting pads adapt to various shapes

PROD. NO.	MOD. NO.	Nominal opening	Overall length
<b>390452</b>	JNSC-4	<b>1"</b>	<b>4"</b>
<b>390453</b>	JNSC-6	<b>2"</b>	<b>6"</b>

## JSSC Series - Steel Woodworking

- Nickel plated to resist corrosion
- Vinyl grips for sure hold
- Use anywhere moderate clamping pressure is required

PROD. NO.	MOD. NO.	Nominal opening	Overall length
<b>390457</b>	JSSC-4	<b>1"</b>	<b>4"</b>
<b>390458</b>	JSSC-6	<b>2"</b>	<b>6"</b>



# VISES

Precision machined  
hardened steel jaws

## JSV Series - Swivel Vise - Heavy Duty

- Class 30 iron, 30,000 lbs. tensile strength castings
- Precision machined hardened steel jaws (replaceable)
- Built-in pipe jaws
- Machine ground anvil surface
- 360° swivel base with dual lock down handles

PROD. NO.	MOD. NO.	Jaw Width	Maximum Opening	Throat Depth	Clamping Force (lbs)	Pipe Capacity	Net Weight
<b>320151</b>	JSV-4HD	<b>4"</b>	4"	2-3/4"	4,400	1-1/2"	23 lbs
<b>320152</b>	JSV-5HD	<b>5"</b>	5"	3-3/4"	5,500	2"	31 lbs
<b>320153</b>	JSV-6HD	<b>6"</b>	6"	4"	6,600	2-1/2"	45 lbs
<b>320154</b>	JSV-8HD	<b>8"</b>	8"	4"	8,800	3-1/2"	70 lbs

## MPV Series Multi-Purpose Vise - Heavy Duty

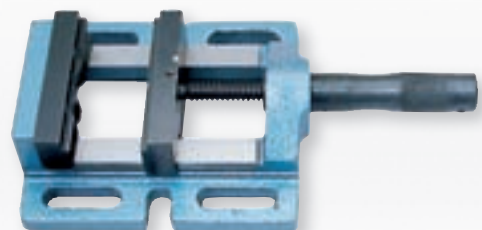
- Precision machined heavy duty steel jaws (replaceable)
- Index scale allows accurate adjustment of jaw angle
- 360° swivel base with dual lock down handles

PROD. NO.	MOD. NO.	Jaw Width	Maximum Opening	Throat Depth	Pipe Capacity	Net Weight
<b>321336</b>	MPV-125S	<b>5"</b>	4-11/16"	3"	3"	46 lbs

## DPV Series - Drill Press Vise - Heavy Duty

- Accurately ground base and slides
- Uni-grip mechanism allows powerful clamping force with minimal effort
- Eliminates need for crossbars or drop away handles
- Replaceable jaws hold round objects with ease

PROD. NO.	MOD. NO.	Jaw Width	Maximum Opening	Jaw Depth
<b>321124</b>	DPV-4U	<b>4"</b>	3-1/2"	1-3/16"



## Pullers

Made of the highest quality  
drop forged Chrome Vanadium  
steel for professional use



## GEAR PULLERS HEAVY DUTY

CrV

### 2 or 3 Jaw Combination Gear Pullers

- Assemble with 3 jaws for maximum stability, or with 2 jaws where access is limited – 2 pullers in 1
- Jaws, yokes and forcing screw made of heat treated Chrome Vanadium steel for ultimate strength
- Reversible jaw design allows internal and external pulling
- Jaws grip tighter as pulling force increases
- All components hardened to HRC 42~45 for professional use
- Fine-threaded 440 CrV forcing screw allows precise control for damage free pulling
- Can be used with bearing separators

PROD. NO.	MOD. NO.	Reach	Spread	Capacity	Screw Length	Pitch	Jaw Thickness	JawW idth
<b>770132</b>	JGP-3HD	<b>3-1/4"</b>	<b>4-3/4"</b>	2 tons	4.9"	3/8"-24 tpi	1/8, 1/4"	1/4, 7/16"
<b>770133</b>	JGP-4HD	<b>3-1/2"</b>	<b>7"</b>	5 tons	7"	9/16"-20 tpi	1/4, 5/16"	3/8, 3/4"
<b>770134</b>	JGP-6HD	<b>5-1/2"</b>	<b>7"</b>	5 tons	7"	9/16"-20 tpi	1/4, 5/16"	3/8, 3/4"
<b>770135</b>	JGP-8HD	<b>5-1/2"</b>	<b>9-1/2"</b>	5 tons	9"	11/16"-18 tpi	5/16, 11/32"	7/8"



## Hydraulic Gear Puller Set

- Jaws, yokes, bearing separator and ram made of heat treated Chrome Vanadium steel for ultimate strength
- Hydraulic ram requires no power - develops up to 10 tons of pressure with hand power only
- All components hardened to HRC 42~45 for professional use
- Includes twin and triple heads for assembling 2 jaw and 3 jaw pullers
- Includes 4-1/2" bearing separator

PROD. NO.	MOD. NO.	Reach	Spread	Capacity	Pieces (total)
770152	JHGP-10S	4"	10"	10 tons	22

**Contents:** Hydraulic Ram (1), 4" Puller Legs (3), 6" Puller Legs (3), 8" Puller Legs (3), Collar (1), Twin Head (1) Triple Head (1), End Cap (1), 2" Ram Extension (1), Yoke (1), 4-1/2" Bearing Separator (1), Main Rods (2), Extension Rods (2)

# BEARING SEPARATORS HEAVY DUTY

- Separator bodies made of heat treated Chrome Vanadium steel for maximum strength
- All components hardened to HRC 42~45 for professional use
- Separators have knife like edges to get behind bearings where regular gear puller jaws are too thick to grip
- Can be used with push or pull type gear pullers



## 12 Piece Set

770302 / JBS-12

Maximum Reach	Capacity	ForcingS crew	HoleS ize
3"	5 tons	7", 9/16" x 10 tpi	3/8" x 16 tpi

**Contents:** 2-1/4" Bearing Separator (1), 3-1/2" Bearing Separator (1), Yoke (1), Forcing Screw (1), Main Rods (4), Extension Rods (4)

## Open Stock

PROD. NO.	MOD. NO.	Capacity	HoleS ize
770312	JBS-225	1-3/16" – 2-1/4"	3/8" x 16 tpi
770313	JBS-350	2-1/4" – 3-1/2"	3/8" x 16 tpi
770314	JBS-450	3" – 4-1/2"	1/2" x 16 tpi



770152



770302



## GEAR PULLERS

See page 231-234 in the Specialty Auto section for similar products



## AUTOMOTIVE PULLERS

JET carries a complete line of **Specialty Automotive** pullers for every need. Below is a summary of those pullers.

Please refer to pages **231-234** of this catalogue for details



H1901



H1903

H1905



H1911



H1921



H3104



H3341



H3560



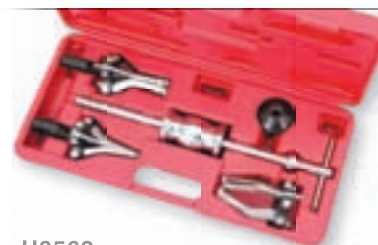
H3565



H3566



H3558



H3562





# Lubrication / Fluid Transfer

GREASE GUN

PUMPS

GREASE FITTINGS

DRUM HANDLING EQUIPMENT

These industrial quality products  
are manufactured with the  
professional in mind.





Die cast head



Comes with rigid and flex extension



Die cast head

Comes with rigid and flex extension

**Lever Action - Standard Duty****350151** / JLGG-14S

- Uses standard **14 oz. grease cartridge** or can be bulk filled
- Rugged electro-static epoxy coated finish resists corrosion
- Deep knurling for non-slip grip
- Heavy duty steel barrel for long life
- Machined steel head protects hardened steel plunger
- V-handle posi-lock follower rod for sure grip and easy filling in any position
- Ideal for home, farm, maintenance and shop use
- Complete with 6" rigid pipe extension and coupler
- Delivers 1 gm / stroke or 1 oz. / 28 strokes
- Produces up to 6,000 PSI

**Lever Action – Heavy Duty****350152** / JLGG-14HD

- A premium, heavy duty grease gun built tough for the professional, industrial markets
- Added filler nipple allows three way loading; bulk, filler pump or standard **14 oz. grease cartridge**
- Air bleeder valve easily purges unwanted air
- Variable stroke for working in confined areas
- Rugged electro-static epoxy coated finish resists corrosion
- Deep knurling for non-slip grip
- Heavy duty steel barrel for long life
- Die cast head protects hardened steel plunger
- T-handle posi-lock follower rod for sure grip and easy filling in any position
- Comfortable sure grip rubber handle makes pumping easy and convenient
- **Includes 6" rigid extension, 18" flexible hose and heavy duty coupler**
- A must for heavy maintenance, industrial, automotive and farm use
- Delivers 1 gm / stroke or 1oz. / 28 strokes
- Produces up to 10,000 PSI

**Pistol Grip – Heavy Duty****350155** / JPGG-14HD

- Pistol grip design offers convenient one-handed operation
- Die cast head protects hardened steel plunger
- Uses standard **14 oz. grease cartridge** or can be bulk filled
- Rugged electro-static epoxy coated finish resists corrosion
- Deep knurling for non-slip grip
- T-handle posi-lock follower rod for sure grip and easy filling in any position
- **Includes 4" rigid pipe extension, 18" flexible hose and heavy duty coupler**
- Delivers 0.50 gm / stroke or 0.70 oz. / 40 strokes
- Produces up to 5,000 PSI

### Pneumatic Single Shot – Heavy Duty 350161 / JAGG-14P

- A premium heavy duty air powered grease gun for the most demanding professional user
- Intermittent action delivers one shot of grease for every pull of the trigger
- Added filler nipple allows 3 way loading; bulk, filler pump, or standard **14 oz. grease cartridge**
- Heavy duty die cast aluminum head
- Precision honed barrel for fast action
- Air pressure 40 – 120 PSI at 1 cfm or greater
- T-handle posi-lock follower rod for sure grip and easy filling in any position
- Complete with male quick coupler air fitting
- Delivers 0.90 gm / shot or 1.30 oz. / 40 shots
- Produces up to 4,800 PSI
- **Includes 6" rigid extension, 12" flexible hose and heavy duty coupler**



Comes with rigid and flex extension

### Pneumatic Continuous Flow – Heavy Duty 350162 / CFAGG-14P

- Automatic continuous flow of grease while trigger is depressed
- 40:1 Pump Ratio
- Minimum inlet air pressure 40 PSI to Maximum 150 PSI (2.7 to 10.3 bar)
- Develops up to 6,000 PSI (414 bar) pressure
- Bulk load grease fitting included
- Air Vent Valve included for releasing air pockets
- Reservoir capacity: 14.5 oz.
- Output per stroke .038 cubic inches (0.62 cubic centimeters)
- Lubricant up to NLGI #2 Grease
- Air Inlet: 1/4-18 NPT
- Grease Outlet: 1/8-27 UNPT
- Weight empty: 4.74 lbs.



### Pistol Grip - Mini Style - Heavy Duty 350171 / JMPG-16

- Convenient pull type trigger for easy one hand operation
- Die cast head
- Textured zinc plated finish for non slip grip
- Uses standard **3 oz. grease cartridges** or can be bulk filled
- T-handle posi-lock follower rod for sure grip
- Complete with **4" rigid pipe extension and professional coupler**
- Produces up to 3,500 PSI
- Delivers 0.40gm / stroke or 0.60 oz. / 40 strokes





Pre-loaded with NLGI Grade 2 grease

**Push Type - Mini Tool Box Style** 350173 / JPTG-1

- Perfect tool box companion for lubrication of tools on the job
- Universal connector fits all standard fittings
- Comes pre loaded with NLGI grade 2 grease
- Can be re-filled
- Transparent barrel provides clear view of remaining grease
- Sealed design to prevent leakage

**Suction Gun**

350157 / JSGG-18

- Rugged **18 oz. capacity** suction gun for draining and filling differentials, clutches and transmissions
- Does not require priming
- Heavy duty steel barrel for long life
- Electro-static epoxy coated finish resists corrosion
- Deep knurling for non-slip grip
- T-handle posi-lock follower rod for sure grip
- Complete with flexible vinyl hose
- For use with any non-corrosive lubricants

**Grease Gun Filler Pump**

350158 / JGFP-03

- Zinc die cast head and adjusting flange
- 18" zinc plated pump body
- Epoxy coated, corrosion resistant 12" drum cover
- All steel foot valve
- **Fits 25 - 50 lb / 5 gallon pails**
- Designed to load bulk or combination grease guns
- Delivers 28 gms on 1 oz. / stroke
- Suitable for use with light and medium density grease

**GREASE GUN** ACCESSORIES**Grease Gun Holder**

350185 / JGGH-1

- Conveniently mounts any 2-1/4" O.D. grease gun to almost any surface



# GREASE GUN HOSES

Lubrication / Fluid Transfer

## ⚡ Hand Tools shown in this section feature:

- Heavy duty high pressure (11,600 PSI burst pressure) grease hoses for all makes of hand grease guns
- Working pressure 3,500 PSI
- Replacement whip hoses
- Polyamide inner tube with polyurethane outer tube, reinforced with highly tear resistant polyester



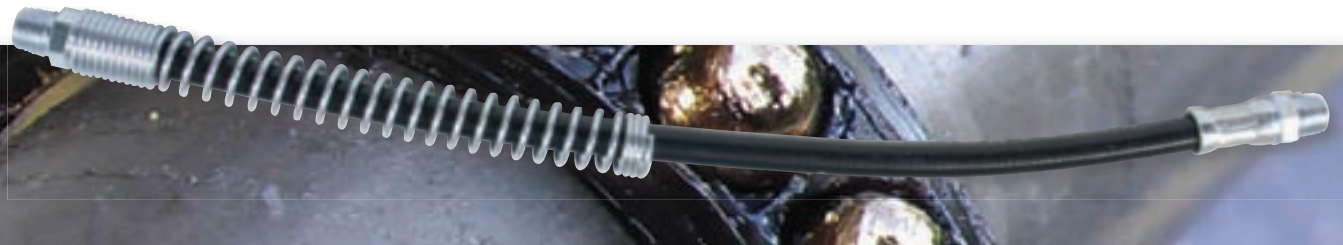
### High Pressure

PROD. NO.	MOD. NO.	Length	Style	Thread
<b>350181</b>	JFH-12	<b>12"</b>	Flexible	1/8" N.P.T.
<b>350182</b>	JFH-18	<b>18"</b>	Flexible	1/8" N.P.T.

### High Pressure - Spring Style

- Fitted with heavy duty spring for added safety, strength and life

PROD. NO.	MOD. NO.	Length	Style	Thread
<b>350201</b>	JFH-12SP	<b>12"</b>	Flexible	1/8" N.P.T.
<b>350202</b>	JFH-18SP	<b>18"</b>	Flexible	1/8" N.P.T.



# GREASE GUN COUPLERS

## ⚡ Hand Tools shown in this section feature:

- For hand operated grease guns
- Professional industrial quality

### Right Angle - Heavy Duty

**350204 / JRAC-1**

- Unique design for greasing fittings in hard to reach areas
- Particularly useful in low height applications
- Polyurethane seal fits perfectly on grease fitting
- Working pressure 1,000 PSI
- 1/8" NPT threads



### 3 Jaw - Heavy Duty

**350203 / JPDC-3**

- Hardened body withstands high pressure without deformation
- Working pressure 6,000 PSI
- 1/8" NPT threads



### Swivel Type - Heavy Duty

**350207 / JSGC-360**

- Built in 360° swivel locks in eight positions
- Working pressure 7,000 PSI
- 1/8" NPT threads
- Fully hardened 3 jaw construction



**7 Piece Quick Change Coupler Set****350213** / JQCC-7S

- Quick change feature snaps directly onto jaw type couplers – no need to remove hydraulic coupler to change accessories
- Instantly converts jaw type couplers for fine line greasing for access to confined areas
- Protective sleeve secures connection
- Ideal for applications where fittings are in limited access areas
- For hand operated grease guns
- Set contains one each:

**Recessed Lube Adaptor****350208** / JRLA-1

- 4" length, tip diameter 0.22"
- For push on greasing of fittings where obstruction will not allow use of regular coupler

**Right Angle Coupler****350211** / JRAC-2

- Working pressure 1,000 PSI
- Particularly useful in low height applications
- Polyurethane seal fits perfectly on grease fitting

**Needle Nose Adaptor****350210** / JNND-2

- 1-1/2" needle length, diameter 0.156"

**Seal-Off Adaptor****350212** / JSOD-1

- Used for lubricating cars with grease plugs
- Oil and grease resistant rubber tip

**90° Angle Lube Adaptor****350209** / JALA-1

- .019" diameter

**Grease Injector Needle****350206** / JGIN-15

- Lubricates in extremely tight places including U-joints and sealed bearings
- Fits directly on jaw type couplers
- 18 gauge Stainless steel
- 1-1/2" long
- With protective plastic cover

**Needle Nose Dispenser****350205** / JNND-1

- For dispensing fine line of grease
- Allows contact with flush or hard-to-reach fittings in inaccessible areas
- 1-1/2" needle length, diameter 0.156"
- 1/8" NPT threads



# GREASE FITTINGS

## ✦ Hand Tools shown in this section feature:

- Conforms to S.A.E., DIN, BS and JIS standards
- EN-1A steel with zinc plating
- Heat treated to a minimum of HRC83
- Available in 10 piece packs of single types, 8 piece packs assorted and 80 piece assortments



STRAIGHT  
350251 / 350254



45°  
350252 / 350255



90°  
350253 / 350256

## 10 Packs - Heavy Duty

PROD. NO.	MOD. NO.	Type	Pieces	Thread	HexS ize
350251	JGF-142800	Straight Fittings	10	1/4" - 28 S.A.E.	5/16"
350252	JGF-142845	45° Fittings	10	1/4" - 28 S.A.E.	3/8"
350253	JGF-142890	90° Fittings	10	1/4" - 28 S.A.E.	3/8"
350254	JGF-182700	Straight Fittings	10	1/8" - 27 NPT	7/16"
350255	JGF-182745	45° Fittings	10	1/8" - 27 NPT	7/16"
350256	JGF-182790	90° Fittings	10	1/8" - 27 NPT	7/16"

## Sets - Heavy Duty

PROD. NO.	MOD. NO.	Type	Pieces	Contents
350257	JGF-8S	S.A.E.	8	2 each: 1/4" - 28 Straight, 1/8" - 27 Straight, 1/8" - 27 45°, 1/8" - 27 90°
350258	JGF-8M	Metric	8	2 each: M6 x 1 Straight, M6 x 1 45°, M6 x 90°, M8 x 1
350259	JGF-80S	S.A.E.	80	15 x 1/4" - 28 Straight, 10 x 1/4" - 28 45°, 10 x 1/4" - 28 90°, 25 x 1/8" - 27 Straight, 10 x 1/8" - 27 45°, 10 x 1/8" - 27 90°
350260	JGF-80M	Metric	80	20 x M6 x 1 Straight, 10 x M6 x 1 90°, 15 x M8 x 1 Straight, 10 x M8 x 1 90°, 15 x M10 x 1 Straight, 10 x M10 x 1 90°



350257 / 350258



350259 / 350260

## 4 Way Fitting Tools

- Handy multi-purpose fitting tools
- Wrench, tap and extractor in one
- Removes worn and broken fittings, re-taps threaded holes, installs new fittings
- Works with straight and angled fittings

PROD. NO.	MOD. NO.	Application
350261	JGFT-14	<ul style="list-style-type: none"> <li>• Tap repairs 1/4"-28 S.A.E. threaded holes</li> <li>• Wrench removes and installs 5/16" and 3/8" hex fittings</li> </ul>
350262	JGFT-18	<ul style="list-style-type: none"> <li>• Tap repairs 1/8"-27 NPT threaded holes</li> <li>• Wrench removes and installs 7/16" and 3/8" hex fittings</li> </ul>



350261



350262

All models complete with both flex and rigid spouts



350125

⚡ *Hand Tools shown in this section feature:*

- Industrial quality
- Brass pump
- Electro-static, corrosion resistant epoxy coating
- Complete with flex hose and rigid spout

#### Brass Pump Oil Cans

PROD. NO.	MOD. NO.	Capacity
350121	JOC-180	6 oz. / 180 ml
350122	JOC-300	10 oz. / 300 ml
350124	JOC-500	16 oz. / 500 ml
350125	JOC-700	24 oz. / 700 ml

## PUMPS



#### Barrel Pump - Lever Action - Heavy Duty

350105 / JLBP-01

- Suitable for use with all oil based fluids
- **Fits 15 – 55 gallon drums**
- Rugged epoxy coated pump assembly
- Tough all steel foot valve and piston valve
- Delivers 300 ml or 10 oz. / stroke
- Complete with 2 piece draw tube



#### Bucket Pump - Lever Action - Heavy Duty

350106 / JLBP-02

- Suitable for transfer of transmission, differential and heavier oils
- Delivers 16 oz. / stroke
- Zinc die cast head and adjustable flange
- **Fits 25 - 50 lb / 5 gallon pails**
- Epoxy coated, corrosion resistant 12" drum cover
- 18" zinc plated pump body
- Complete with 48" fuel resistant soft PVC hose with nozzle





### Barrel Pump - Rotary - Heavy Duty

350103 / HRP-25

- Most popular rotary barrel pump in Canada!
- Sturdy cast iron body with precisely machined cast iron vanes for better draw and smoother delivery
- Hi Nitrile rubber pump seals
- Delivers 5 litres or 1.30 gallons per 20 revolutions
- Dual directional operation – pumps in either direction!
- **Recommended use:** Diesel, Kerosene, heating oils, motor oils, lubrication oils (up to SAE 90) and other non-corrosive media
- **Do not use with:** Gasoline, anti-freeze, solvents, acids or water based media
- Comes with suction tube, 2" cast iron bung nut and steel discharge spout



### Diaphragm Pump - Litre Stroke - Heavy Duty

350107 / JDDP-1000

- Suitable for gasoline, diesel fuels, fuel oil, motor oil
- High volume double action pump delivers on both strokes for fast fuelling
- Delivers 1 litre per cycle or 1 gallon / 5 strokes
- **Fits 15 – 55 gallon drums**
- Die cast aluminum construction
- Stainless steel piston and fuel resistant diaphragm
- Extra heavy duty steel handle with security locking latch
- Complete with 2" bung adaptor, 8' discharge hose and telescoping suction tube

350109



### Chemical Pump - Nylon Body

350109 / JNCP-14

- Excellent for use with lacquer thinners, acetone, MEK, antifreeze, detergents, windshield washer fluids, mild acids, weed killer, water and glycerine
- **Fits 15 – 55 gallon drums**
- Delivers 14 oz. per stroke
- Nylon pump with stainless steel plunger rod and Teflon seals
- Not recommended for strong acids or gasoline

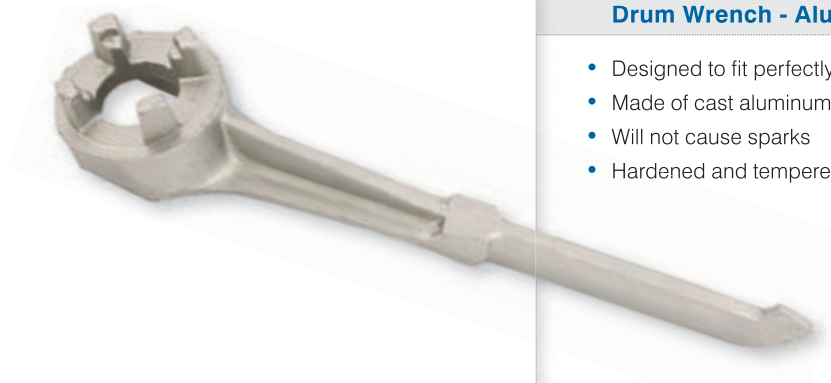
350108



### Chemical Pump - Polypropylene Body

350108 / JPCP-14

- Suitable for use with antifreeze, detergents, windshield washer fluid, mild acids and glycerine
- **Fits 15 – 55 gallon drums**
- Delivers 14 oz. per stroke
- Polypropylene pump with steel plunger rod and Viton seals
- Not recommended for water, strong acids, lacquers, acetone and gasoline



## Drum Wrench - Aluminum Handle

350214 / JADW-1

- Designed to fit perfectly onto most 2" and 3/4" drum plugs
- Made of cast aluminum for strength and safety
- Will not cause sparks
- Hardened and tempered



351003



351004

Cast iron  
casters

351005

Cast iron  
casters

## Drum Dollies

- Heavy gauge steel for professional use
- Powder coated finish
- 5 and 16 gallon models with adjustable clamp bolt
- 16 and 55 gallon models complete with cast iron casters

PROD. NO.	MOD. NO.	Application	Wheels	Load Limit	Diameter
351003	JDD-5	5 gallon drums	Resin	200 lbs	10-1/4" - 11-1/4"
351004	JDD-16	16 gallon drums	Extra Heavy Duty Cast Iron	200 lbs	13-1/2" - 14-1/4"
351005	JDD-55	55 gallon drums	Extra Heavy Duty Cast Iron	450 lbs	23"

## Drum Cradle

351011 / JDC-55

- Tilting drum cradle moves, rotates, tips and stores 55 gallon drums with ease
- Self storing lever bar
- Powder coated finish
- Flat packed for easy shipping
- 2-1/2" non-sparking wheels
- Load limit 600 lbs





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# SPECIALTY AUTOMOTIVE







AIR CONDITIONING SERVICE

AUTOMOTIVE GAUGES

BATTERY SERVICE

BEARING & PUSHING TOOLS

BRAKE SERVICE

COOLING SYSTEM

ELECTRICAL SYSTEM

ENGINE SERVICE

EXHAUST SYSTEM

FASTENER TOOLS

FUEL/INJECTION SYSTEM

HAND TOOLS

HEAD AND VALVE REPAIR

HOMES

OIL FILTER/  
DRAIN PLUG TOOLS

PICK-UP TOOLS/  
MAGNETS/MIRRORS

SENSOR & SENDER UNITS

SUSPENSION/  
DRIVE TRAIN REPAIR

TIRE SERVICE

UPHOLSTERY/TRIM PANEL  
/WINDSHIELD TOOLS



## Brake Shoe Spring Tool

**H1051**

- This compact rugged tool will remove and replace brake return springs on most cars
- Bendix® spring remover on one end and installer on the other
- Lustre plated for rust protection
- Heat-treated for long wear



## Brake Adjusting Tool - Universal

**H1085**

- Ground and tapered for easy access to most applications
- Lustre plated for rust protection
- Blade width: **5/8"**
- Overall length: **9"**



## Brake Adjusting Tool - Short

**H1107**

- This short length tool is popular as it gets into many tight spots found on today's cars
- Curved and ground for universal use
- Lustre plated for rust protection
- Blade width: **1/2"**
- Overall length: **7"**



## Brake Shoe Retaining Spring Tool

**H1096**

### *DUAL SIZE FOR DISH TYPE WASHERS*

- Used for removing the dish type washer on brake shoe hold down spring
- Knurled cup securely grips washer
- Notched for washer with ears
- Fits many imports with smaller hold down springs
- Plastic handle
- Bright lustre plated
- Range: **5/8" - 7/8" diameter washers**



## Brake Spring Pliers

**H1103**

- Removes and installs brake springs on majority of cars and trucks
- Forged from alloy steel and heat-treated for long wear
- Designed with narrow points for inline pull on the springs
- Equipped with special Bendix® socket on one end
- Overall length: **13"**

### Rear Disc Brake Piston Tool

H3070

- Designed to rotate the rear parking brake piston back into the caliper cylinder when replacing worn brake pads on vehicles equipped with four wheel disc brakes
- Will work on most Ford®, Chrysler®, some GM® models, and some imports

### Disc Brake Pad Spreader

H3053

- Designed for quick and easy changing of disc brake pad, on most passenger cars and light duty trucks
- Construction allows spreader to compress inner pad and reset piston for faster, easier installation

## TUBE BENDERS AND CUTTERS

### Tube Cutter - Micro (5/8" O.D.)

H1179

- Cut copper tubing in close quarters
- Cutter will turn on 1-5/8" radius
- Cuts copper tubing 1/8" - 5/8" O.D.

#### REPLACEMENT CUTTER WHEEL:

- **739191** - Copper, brass, aluminum and thin wall steel tube
- **739193** - Stainless Steel

### Tube Cutter (1-1/8" O.D.)

H1118

- Designed to cut soft copper and steel brake tubing
- Will cut close to a flared end for minimum waste
- Cutter wheel is made of tool steel for long life
- Built in reamer blade folds back out of the way when not in use
- Cuts copper pipe up to 1-1/8" O.D.

#### REPLACEMENT CUTTER WHEEL:

- **739191** - Copper, brass, aluminum and thin wall steel tube
- **739193** - Stainless Steel

### Tube Bender - Heavy Duty

H1278

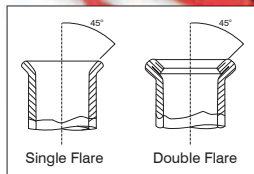
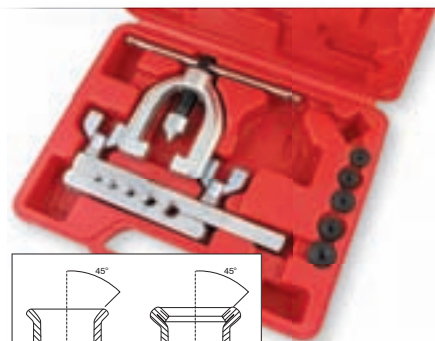
- Bend thin wall tubing 360° with this heavy duty bender
- For use in automotive, plumbing, heating, refrigeration and marine applications
- Range: **1/8" - 1/2" O.D. tubing**

### Tube Bender - Heavy Duty Plier Type

H3342

- Bends copper or steel tubing without kinking or collapsing
- Comes with two roller adaptors
- Bends **3/16", 1/4", 5/16", 3/8"** tubing





## PIPE AND TUBING TOOLS

See page 102 or the Piping Tools section for similar products



### Double Flaring Tool Kit – S.A.E.

**H1120**

- Built to provide the necessary pressure to double flare steel brake tube
- Will double and single flare both copper and steel tube
- Double flare adaptors provided for 3/16, 1/4, 5/16, 3/8 and 1/2" tube
- Alloy steel swivel is heat-treated, ground, and chromed to reduce compression friction
- Yoke and bar is forged and tempered for added strength

#### Kit Includes:

**H1120A** Double Flare adaptor **3/16"**

**H1120E** Double Flare adaptor **1/2"**

**H1120B** Double Flare adaptor **1/4"**

**H1120F** Bar Assembly

**H1120C** Double Flare adaptor **5/16"**

**H1120G** Yoke and Bolt Assembly

**H1120D** Double Flare adaptor **3/8"**

**H1120H** Wingnut



### Double Flaring Tool Kit - Metric

**H1121**

- Built to provide the necessary pressure to double flare steel brake tube
- Will double and single flare both copper and steel tube
- Double flare adaptors provided for 3/16, 1/4, 5/16, 3/8 and 1/2" tube
- Alloy steel swivel is heat-treated, ground, and chromed to reduce compression friction
- Yoke and bar is forged and tempered for added strength

#### Kit Includes:

**H1121A** Double Flare adaptor **4.75 mm**

**H1121E** Double Flare adaptor **10 mm**

**H1121B** Double Flare adaptor **5 mm**

**H1121F** Bar Assembly

**H1121C** Double Flare adaptor **6 mm**

**H1121G** Yoke and Bolt Assembly

**H1121D** Double Flare adaptor **8 mm**

**H1120H** Wingnut



### Double Flaring and Cutting Tool Kit

**739181 / JTFK-100**

- Includes JTC-30 Tubing Cutter, JFT-100 Flaring Tool and Double Flaring Inserts for 3/16, 1/4, 5/16, 3/8, 7/16, 1/2 and 5/8" tube
- Provides automotive type double flare or use without inserts for 45° flare
- Cuts up to 1-1/8" (30 mm) tube
- For soft copper, brass and aluminum tube
- Complete with blow mould storage case
- Replacement Double Flaring Dies:

**3/16" – H1120A**

**7/16" – H1120J**

**1/4" – H1120B**

**1/2" – H1120E**

**5/16" – H1120C**

**5/8" – H1120K**

**3/8" – H1120D**



### I.S.O. Bubble Flaring Tool Kit

H1502

- Front wheel drive cars and light trucks, both foreign and domestic, are installing the I.S.O. sized steel brake lines with the I.S.O. flare. This is different from the standard double flare
- Accomplishes the I.S.O. flare without removing the brake line from the vehicle, and has the strength to withstand the pressure necessary to flare mild steel tube (1.0mm wall thickness) used on the front wheel drive brake line
- Yoke is made of a heat treated, alloy steel drop forging, with a special patented centre screw
- Bar assembly is hardened and will hold up under repeated use and produces a smooth, consistent flare
- Kit is complete with Flaring Tool, four special adaptors, a chamfering tool and a combination wrench and height gauge

#### Kit Includes:

**H1502A** Adaptor 4.75 mm

**H1502E** Bar Assembly

**H1502B** Adaptor 6 mm

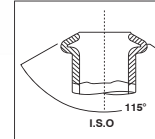
**H1502F** Yoke Assembly

**H1502C** Adaptor 8 mm

**H1502G** Reamer

**H1502D** Adaptor 10 mm

**H1502H** Wrench



## BRAKE REPAIR TOOLS

### Deluxe Vacuum Pump with Bleeder Kit

H3502

- Checks vacuum operated components on all vehicles including distributor advance mechanism, heater and air conditioning baffles, PCV and EGR valves, headlight cover doors, transmission modulators and more
- Allows you to bleed brake fluid by yourself

#### Kit includes:

- Fluid resistant valve pump, easy reading gauge head, reservoir jar, transfer and storage lids, rubber cup adaptor, two 2' lengths of tube, brake bleeding adaptors for most vehicles

#### Replacement Parts:

**H3502-10** Gauge Head

**H3502-12** Adaptor Kit

**H3502-11** Bleeder Cup and Caps

**H3502-13** Pump Seal Kit



### 11 Piece Disc Brake Caliper Tool Kit

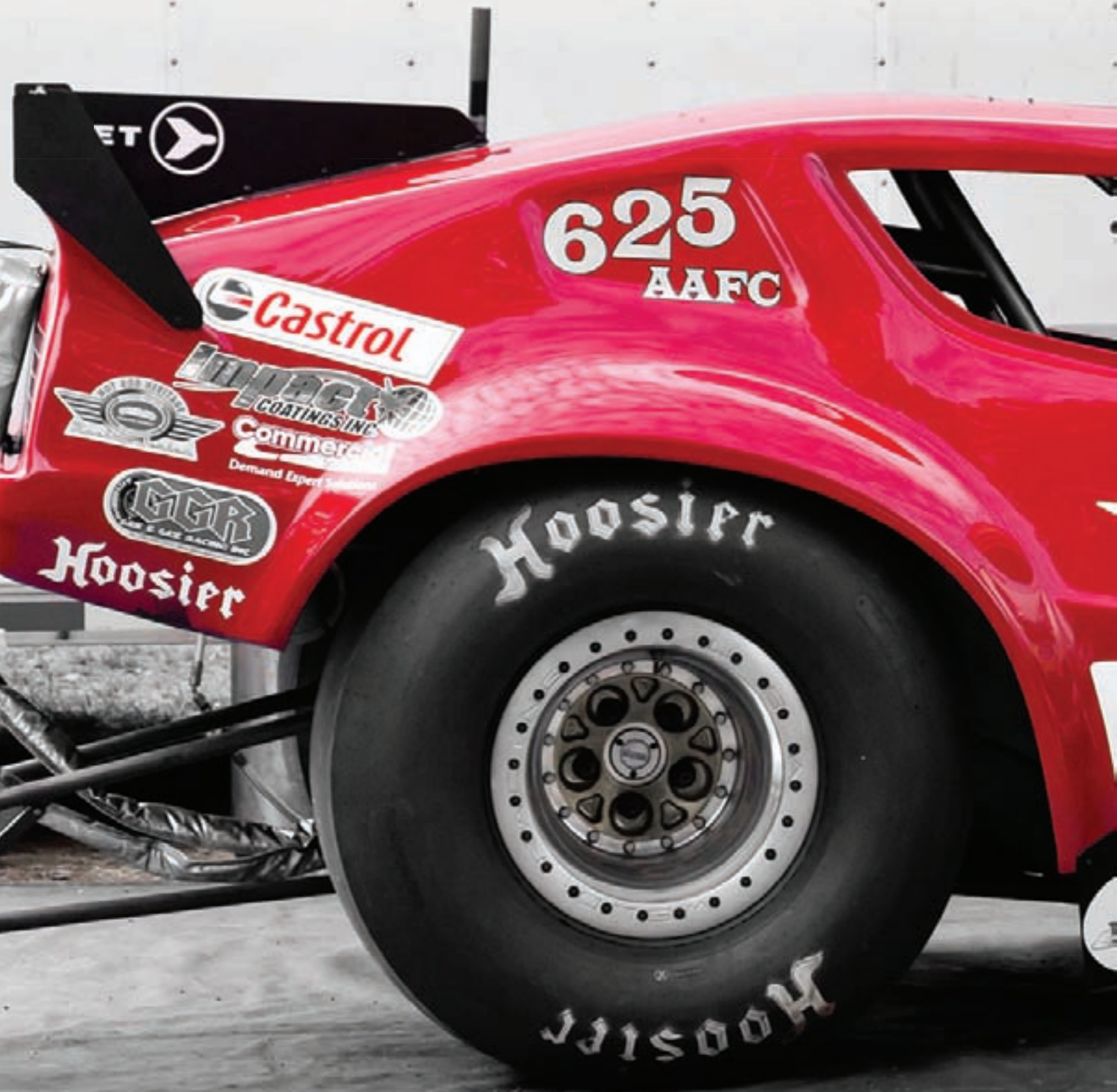
H3444

- Used to install new rear brake pads by winding the piston back into the caliper
- May be used "on" or "off" the vehicle
- Piston retraction is completed smoothly without damaging the piston or boot
- Includes 9 adaptors for use on 2 and 4 wheel rear disc brake assemblies
- Designed for use with Mercedes®, BMW®, Volkswagen®, GM®, Audi®, Ford®, Honda®, Subaru®, Mazda®, Nissan®, Mitsubishi®, Toyota®, Land Rover®, and 4 wheel drive vehicles
- Comes in convenient blow mould storage case





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### Small Brake Cylinder Hone (1/2" - 2-1/2" Range)

**H1841**

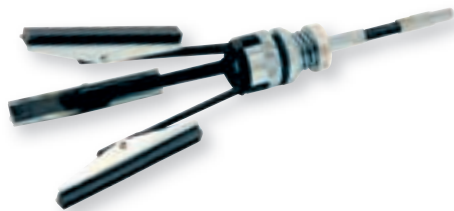
- For sub-compact cars, including imports
- For cylinder bores 1/2" to 2-1/2" diameter
- Offers fast, easy cutting with high or low speed drill
- Self-aligning, self-centering flex joint drive
- Adjustable tension
- Replacement Stones: **H1841A** (Kit of 2): Medium **220 Grit**, Stone Length 1-1/8"



### Engine Hone (2" - 7" Range)

**H1843**

- 3 stone adjustable tensions
- Designed for fast accurate deglazing of cylinders
- Operated by any 1/4" - 1/2" electric drill
- Powerful arm design keeps the abrasives accurately in line
- Spring tension adjusting nut for positive cutting action at all speeds
- Full range **2" - 7"** (51-178mm) capacity equipped with three 220 grit stones recommended for ring seating
- Replacement Parts:  
**H1843A** Replacement Stones (Kit of 3): Medium **220 Grit**, 4" Long
- Accessory Stone Kits:  
**H1843E** Kit of 3: Coarse **100 Grit**, 4" Long  
**H1843F** Kit of 3: Fine **400 Grit**, 4" Long



### Brake Cylinder Hone (3/4" - 2-1/2" Range)

**H1844**

- 3 stone adjustable tensions
- Designed for fast accurate deglazing of cylinders
- Operated by any 1/4" - 1/2" electric drill
- Powerful arm design keeps the abrasives accurately in line
- Spring tension adjusting nut for positive cutting action at all speeds
- Full range **3/4" - 2-1/2"** capacity equipped with three 220 grit stones recommended for ring seating
- Replacement Stones: **H1844B** (Kit of 3): Medium **220 Grit**, Stone Length 1-1/8"



### Small Engine Hone (1" - 3" Range)

**H1864**

- Flexible drive shaft permits easy access to all cylinders
- Cone expansion adjusts hone to cylinder wall with uniform pressure
- Adjustable spring tension to select desired pressure
- Fits standard 1/4 or 3/8 inch drill
- Range: **1" - 3"** cylinder diameter
- No extensions required
- Supplied with 180 grit 2" stones recommended for quick, positive seating of all piston rings
- Replacement Stone Kit: **H1864C** (Kit of 3): **180 Grit** 2" Long
- Optional Stone Kit: **H1844E** (Kit of 3): **220 Grit** 2" Long







## Wheel Bearing Packer

H3047

- For use with grease guns
- Works on all wheel bearings having a **minimum I.D. of 1/2"** to a **maximum O.D. of 5"**
- Height of **1/4" - 2"**
- Place bearing between cones and tighten. Old grease is forced out as new grease is pumped in under pressure
- Use hand or power equipment



## 10 Piece Bearing Race and Seal Driver Set

H3437

- Inserts bearing race and seals quickly, straight and without damaging both race and axle housings on the first try
- Collars fit most standard wheel bearing sizes
- Comes in convenient blow mould storage case

### Set Includes:

- 9 Disc Sizes: **1.565", 1.750", 1.965", 2.325", 2.470", 2.555", 2.830", 2.995", 3.180"**
- 1 heavy duty driver handle



## 18 Piece Universal Driver Set

H3538

- Includes most popular size drivers for proper installation of seals, bearings, bushings
- Ensures even distribution of force to all areas and prevents cocking
- Comes in convenient blow mould storage case

### Set Includes:

- 12 Drivers: **5/8, 3/4, 7/8, 1, 1-1/8, 1-1/4, 1-3/8, 1-1/2, 1-5/8, 1-3/4, 1-7/8, 2"**
- 1 handle, 4 cap screws, 1 hex key





# FRONT WHEEL DRIVE AXLE NUT TOOLS



## 7 Piece Axle Nut Socket Set

H3533

- Sockets made of high quality Chrome Molybdenum steel for best performance and life
- Sockets are **1/2" drive** and extra long to access front wheel drive spindle nuts
- May be used with air and electric impact wrenches, ratchets, flex and breaker bars and with torque wrenches
- Comes in convenient blow mould storage case
- Includes: **29, 30, 32, 34, 35, 36 and 38 mm**

## Axle Nut Socket – Open Stock

<b>H3149</b>	<b>29 mm</b>	Services late model GM®, Ford® and Asian imports including the Escort® and Fiesta®
<b>H3150</b>	<b>30 mm</b>	Services GM® "A", "J", "N" and "X" body cars and some Asian imports
<b>H3151</b>	<b>32 mm</b>	Services late model Honda® and Chrysler® cars
<b>H3152</b>	<b>34 mm</b>	Services late model GM®, Buick®, Cadillac®, Chevy®, Oldsmobile® and Pontiac® cars
<b>H3308</b>	<b>35 mm</b>	Services many late model GM® cars
<b>H3153</b>	<b>36 mm</b>	Services GM® "E" style cars
<b>H3309</b>	<b>38 mm</b>	Services a variety of full size vehicles including many SUV's

# TRUCK WHEEL BEARING LOCKNUT SOCKETS

- Specially designed sockets used for the quick and easy removal of truck wheel bearing locknuts
- Made from high quality steel which resists "rounding out"
- Available in 6 point hexagon, 8 point octagon and special "rounded" shape for Dana axles
- All sockets are **3/4" drive**
- For use with manual ratchets, flex and breaker bars, and torque wrenches
- NOTE: Do not use with any air or electric impact tools

## 6 Point Hexagon Style

<b>H2150</b>	<b>2-3/32"</b>	<b>H2155</b>	<b>3"</b>
<b>H2169</b>	<b>2-1/4"</b>	<b>H2157</b>	<b>3-1/4"</b>
<b>H2151</b>	<b>2-3/8"</b>	<b>H2159</b>	<b>3-1/2"</b>
<b>H2170</b>	<b>2-1/2"</b>	<b>H2186</b>	<b>3-3/4"</b>
<b>H2171</b>	<b>2-5/8"</b>	<b>H2161</b>	<b>3-7/8"</b>
<b>H2153</b>	<b>2-9/16"</b>	<b>H2163</b>	<b>4"</b>
<b>H2172</b>	<b>2-3/4"</b>	<b>H2164</b>	<b>4-1/8"</b>
<b>H2179</b>	<b>2-7/8"</b>		

## Bearing and Bushing Tools



H3153



## Special Rounded Hexagon Style **H2177**

- This special "rounded" hex truck wheel bearing locknut socket is used on Dana® axles
- **2-9/16"**

## 8 Point Octagon Style

<b>H2158</b>	<b>3-1/4"</b>
<b>H2188</b>	<b>3-3/4"</b>
<b>H2176</b>	<b>3-13/16"</b>
<b>H2162</b>	<b>3-7/8"</b>
<b>H2166</b>	<b>4-3/8"</b>
<b>H2168</b>	<b>4-7/8"</b>



## 6 Piece 4WD Spindle Locknut Socket Set

H3542

- Used to remove/install 2 and 4 wheel drive light truck spindle/bearing nuts
- Heavy-duty construction, made from Chrome Vanadium heat-treated steel
- Includes 4WD spindle removing socket tool
- Includes Toyota® locknut socket tool
- Includes 3 step 4WD spindle remover tool
- Sockets are 1/2" square drive and are designed for use with ratchets, flex and breaker bars, and torque wrenches
- **NOTE:** Do not use with air or electric impact tools
- Comes in convenient blow mould storage case

### Set Includes:

- 6 most popular 4WD spindle locknuts as follows - H1486, H3107, H3405, H3406, H3601, H3604 (see open stock for specifications and applications)

## 6 Pin 2-5/8" Outer Style Nut Socket

H1486

- 1978 to current Ford® 4/4 ton vehicles
- 1973 to 1981 GM® 3/4 ton vehicles

## 4 Pin 2-1/4" Inner Style Locknut Socket

H3406

- 1960 to current 1/2 ton Chevrolet® and GMC®
- 1966 to current Bronco®, Blazer® and Scout®
- 1959 to current Ford® F150-250 series
- 1969 to current Dodge® 1/2 ton vehicles

## 3 Step Spindle Remover Tool

H3604

- Pulls out 4WD spindles for lubricating the inner needle bearing and front wheel alignment
- Fits common 1/2 and 3/4 ton 4WD pickup spindles
- 3 step design fits 1-1/2", 1-5/8" and 2" spindles
- Use with 1/2" - 20 or 5/8-18 thread slide hammer

## 4 Pin 2-3/4" Outer x 1-9/16" Style Locknut Socket

H3405

- 1985 to late Ford® F250-350 truck rear axle with Hi-Shear rotating nut and Ford® Dana 80 truck rear axles



### 4 Pin 2-3/8" Outer Style Locknut Socket

H3107

- 1986 to current Ford® Bronco® and Ranger® with Dana 44® axles
- 1960 to current 1/2 ton Chevrolet® and GMC®
- 1966 to current Bronco®, Blazer® and Scout®
- 1959 to current Ford® 100-250 series
- 1969 to current Dodge® 1/2 ton vehicles

### 4 Pin Toyota® Style Locknut Socket

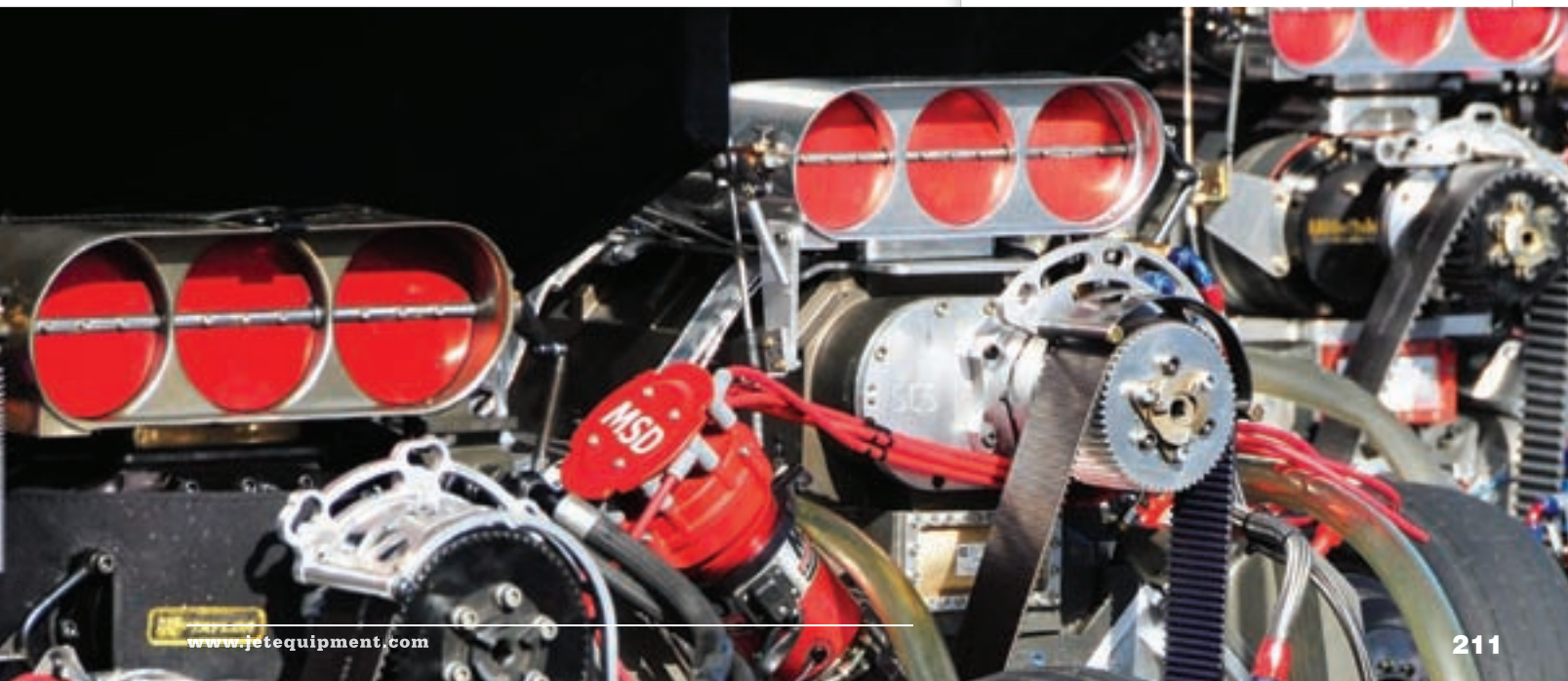
H3601

- Toyota® 1995 and newer Tacoma®, 1996 and newer T100 and 4-Runner

### 4 Pin 2-1/2" Inner Style Locknut Socket

H3407

- Used on 1/2 and 1 ton 4WD vehicles



**5 Piece Front End Service Kit****H3540**

- Complete front end service tool kit for easy removal of most pitman arms, tie rods and ball joints
- Includes a press type separator for ball joint removal without damage to boots and other parts
- An absolute must for all front end service shops
- Comes in convenient blow mould storage case

**Kit Includes:**

- **H1926** Pitman Arm/Tie Rod End Puller
- **H3609** Pitman Arm Puller
- **H3612** Tie Rod/Inner Bearing Race Puller
- **H3614** Ball Joint Separator
- **H3616** Ball Joint/Tie Rod End Remover

**5 Piece Pickle Fork Kit****H3448**

- A multi-purpose kit that features all the tools required to separate most ball joints, tie rods, pitman arms and shock absorber links
- 3 heavy duty forks are made from drop forged, heat treated steel
- 2 drive handles are made from alloy steel - one handle for use with regular hammers, the other features a .401 shank for use with most popular air hammers
- Forks can be used with either drive handles
- Pilot head designed handles absorb shock and protect threads from distortion

**Kit Includes:**

- Tie Rod Separator Opening **11/16"**
- Ball Joint Separator Opening **15/16"**
- Pitman Arm Separator Opening **1-1/8"**
- Alloy Handle - for use with regular hammers - Length 8"
- For use with popular air hammers shank .401

**Pitman Arm Puller - Heavy Duty****H3609**

- Specially designed jaws fit the job and ensures firm grip
- Extra wide opening of **1-3/8"**
- Pull: **3-1/2"**

**Pitman Arm/Tie Rod End Puller****H1926**

- For use on small cars having smaller pitman arms and tie rod ends
- Can also be used for rack and pinion steering removal
- Opening: **1-1/16"**
- Pull: **1-3/4"**

**Ball Joint/Tie Rod Remover****H3612**

- Swivel centering pin ensures a strong, positive pull
- Tool directly attaches to stud for easy and convenient use
- Fits most front wheel drive vehicles and light trucks
- Opening: **3/4"**
- Pull: **1-1/2"**

**Ball Joint Separator - Universal Application****H3614**

- Heavy duty "scissor" design suits most cars and light trucks
- Easily separates press fit ball joints
- 2-stage height adjustment feature use a heat treated steel pin thrust bolt and steel ball insert, allowing quick and easy height adjustment changes
- The combination of the "scissor" design and the 2-stage height adjustment offers maximum versatility
- Can be used on most press fit ball joint applications







### 4 Piece Inner Tie Rod Removal Kit

**H3061**

- This tool kit contains everything necessary to directly remove and install the inner tie rod without the hassles of removing the steering gear
- Works on most inner tie rod structures
- Made of heavy duty alloy steel, black oxide finish
- Comes in convenient blow mould storage case



### Outer Tie Rod Remover

**H3616**

- The adjustable jaw can spread to match tie rods of various sizes
- This tool removes the outer tie rod from the steering knuckle
- The custom designed jaw tips ensure maximum grip and withstands up to 5 tons of pulling force!
- The use of this mechanical screw puller ensures an evenly distributed pulling force, eliminating damage to existing parts
- Ideal for use on import and domestic cars with front and rear wheel drives with stamped or cast steel steering knuckles
- Opening: **0 to about 7"**
- Pull: **4"**



### Universal Tie Rod Adjusting Tool

**H3408**

- Adjusts tie rods on most vehicles with split tie rod sleeves
- Double end feature makes a 360° turn in confined areas
- Fits most cars and light trucks with split tie rod sleeves



### Dual Socket Inner Tie Rod Tool

**H3060**

- This tool features a double ended "stepped" socket
- **1-3/16" hex** fits primarily Ford® (FWD) and Renault®
- **1-5/16" hex** fits primarily GM®, AMC®, Chrysler® and Ford® (RWD)
- 1/2" Square Drive



### Dual Inner Tie Rod Adaptor For H3060/H3061 (1-7/16")

**H3071**

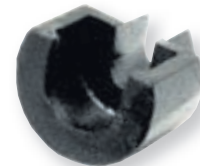
- **1-7/16" adaptor** for GM® and Chrysler® cars with Saginaw® steering gear
- Use with H3060 Dual Inner Tie Rod Tool

**H3071A**

**1-3/16" Adaptor for H3060 and H3061**

**H3071B**

**1-5/16" Adaptor for H3060 and H3061**



### Ball Joint Separator (15/16" Opening)

**H1902**

- Removes ball joints from connecting links
- Just a few sharp blows with a hammer and the tapered prongs easily separate the parts
- Opening: **15/16"**
- Overall length: **12"**



### Tie Rod End Separator (21/32" Opening)

**H1907**

- Removes tie rod ends from connecting links
- Just a few sharp blows with a hammer and the tapered prongs easily separate the parts
- Opening: **21/32"**
- Overall length: **16"**



**Ball Joint Master Service Set****H3536**

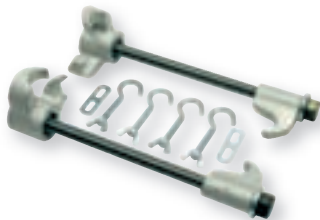
- This master set covers most press-fit vehicle joint components
- Used to service the removal/installation of ball joints, universal joints, truck brake anchor pins and 4WD ball joints
- C-frame alone can be used to remove/replace universal joints
- Tool can remove rusted and corroded parts
- Comes in convenient blow mould storage case

**Kit Includes:**

- Heavy duty C-frame and forcing screw (1.106" x 7 threads per inch)
- Installation and removal adaptors
- Installation cup adaptor
- Receiving and installation cups
- Receiver tubes and receiving/installation adaptors to work on press fit upper and lower ball joints on most Dodge® Ram, Ford®, GM®, IHC® and Jeep® 2 and 4WD pick-up trucks, SUV's and vans (auto's with Dana 44 front axles)

**MacPherson Struts® Coil Spring Compressor Kit****H1560**

- Allows you to quickly compress the coil spring to replace shock absorbers, spring sets, repair bent strut or strut tube and repair damaged spindle
- Designed for use on virtually all modern domestic and imported vehicles that use MacPherson Struts®
- Do not use on GM® "A", "J", or "X" body cars or coil springs that exceed a 6" outside diameter

**C.V. Boot Clamp Pliers - Earless****H1084**

- For earless type clamps
- Ratchet will lock for easy use

**Ball Joint 4-in-1 Service Kit****H3537**

- For press-fit vehicle joint components
- Heavy duty, four function kit to service the removal/installation of ball joints, universal joints, truck brake anchor pins and 4WD ball joints
- Both ball joint and 4WD ball joint service can be done without taking the control arm off
- U-joint service can be performed on needle type U-joint bearings
- Truck anchor pin service can be performed with pins up to 1-1/4" diameter
- Services 4WD ball joint equipped vehicles including those vehicles with Dana 44 front axles such as 1967 to current 1/2 ton and 3/4 ton Dodge®, GM®, Ford®, IHC, Jeep
- Tool will even remove rusted and corroded parts
- C-frame alone can be used to remove/replace universal joints
- Comes in convenient blow mould storage case

**Kit Includes:**

- Heavy Duty C-frame and forcing screw (1.106" x 7 threads per inch)
- Installation and removal adaptors
- Installation cup adaptor
- Receiving and installation cups
- 3 Receiver tubes: 2-3/4" x 2-1/4", 2-1/4" x 1-3/4", 1-3/4" x 1-3/4"

**MacPherson Struts® Deluxe Coil Spring Compressor Kit****H3315**

- Built-in detent pins to help lock the coil in place eliminating the need for extra safety hooks. Set up is faster and easier
- Improved design
- Comes in convenient blow mould storage case

**C.V. Boot Clamp Pliers - Eared****H1088**

- For eared type clamps
- Unique design allows user to clamp ring and then use a torque wrench in 1/2" square drive holes in handle to accurately set clamp
- Plunger can be de-activated



### 1/4" Dr. Flexible Radiator Hose Clamp Driver

H3319

- Multi-use, flexible-shaft, 1/4" drive socket driver
- 12" overall length shaft will tighten or loosen hex head screws on gear type hose clamps and other applications in even the most hard to get at places
- 1/4" drive end allows operator to attach any 1/4" drive socket to fit the job



### Hose Clamp Pliers - Flexible Flat Band Type

H3290

- Designed to access the flat-type hose clamps located in hard-to-reach areas
- Pliers have locking mechanism to hold clamp in the open position - for easy removal and installation of clamp
- Spring loaded handles
- Heavy duty 24" cable flexes to almost any position
- Range: **0" - 2-1/16" (0 - 53mm)**
- AOL Length: **33"**
- Replacement Part: **H3290-10** Cable Assembly



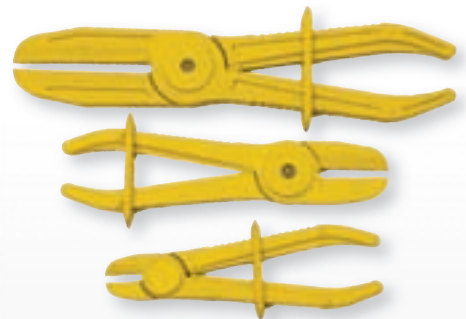
### 3 Piece Hose Pinch-Off Pliers Set

H3318

- For use on all brake and fuel hose lines
- Special rounded edges ensure no damage to lines or internal reinforcements
- Lightweight and non-conductive
- Three sizes for use on most jobs

#### Set Includes:

- **H3140** Capacity **1/4" - 7/16" (6 - 12mm)**
- **H3316** Capacity **1/2" - 3/4" (13 - 19mm)**
- **H3317** Capacity **3/4" - 2-1/4" (19 - 57mm)**





## 1" Hose Pinch-Off Pliers - Small

H3128

- No need to drain system when changing thermostats. Save coolant - save time
- Jaws swivel for parallel clamping. Heat treated
- Steel arms automatically lock with ratchet
- May also be used to pinch off vacuum lines
- Overall Length: **10"**
- Capacity: **Up to 1"**
- Note: Not for use on wire reinforced radiator hose



## 1-3/8" Hose Pinch-Off Pliers - Large

H3129

- No need to drain system when changing thermostats. Save coolant - save time
- Jaws swivel for parallel clamping. Heat treated
- Steel arms automatically lock with ratchet
- May also be used to pinch off vacuum lines
- Overall Length: **12"**
- Capacity: **Up to 1-3/8"**
- Squeezes wire reinforced radiator hose

# FAN CLUTCH WRENCHES



## 10 Piece Fan Clutch / Water Pump Wrench Kit

H3530

- Removes and installs fan clutches and water pumps on most Chrysler®, Ford® and GM® vehicles
- Holding wrench immobilizes the fan clutch. The nut wrench turns the nut on or off
- Works in tight spaces where conventional wrenches won't reach
- Heat-treated for strength and durability
- Use with 1/2" drive ratchet or breaker bar for more torque

### Kit Includes:

- Fan Pulley Holding Tool: **2-1/4"** and **3-1/4"**
- Fan Clutch Bolt Holding Tool: **2-3/8"**
- Fan Clutch Pulley Holding Tool: **2-1/8"** and **3"**
- Fan Clutch Nut Wrench: **1-7/16"**
- Fan Clutch Wrench: **1-7/16"** and **1-9/16"**
- Fan Hub Wrench: **2-13/16"**
- Clutch Nut Wrench (left hand): **1-7/8"**
- Comes in convenient blow mould storage case







### 4 Piece Fan Clutch Wrench Kit

H3531

- Designed for removing and installing fan clutch assemblies on most Ford® engines
- Holding wrench immobilizes the fan clutch. The nut wrench turns the nut on or off
- Works in tight spaces where conventional wrenches won't reach
- Heat treated for strength and durability
- Use with 1/2" drive ratchet or breaker bar for more torque
- The small double-ended wrench is for 2.8, 2.9, 3.0, 4.0 and 4.9 litre engines
- The large single-ended wrenches and large holding wrench are for 6.9 and 7.3 litre diesel engines

#### Kit Includes:

- Double-ended Fan Clutch Wrench: **36mm** and **1-9/16"**
- Fan Clutch Holding Wrench: **58mm**
- Fan Clutch Holding Wrench: **1-7/8"**
- Fan Clutch Holding Wrench: **3-1/4"**
- Comes in convenient blow mould storage case



### 14 Piece Deluxe Serpentine Belt Tool Kit

H3529

- Enables rapid and easy removal and installation of belts on serpentine belt equipped vehicles
- Connect the tool to the spring loaded idler pulley to release the tension
- Fits most vehicles

#### Kit Includes:

- Serpentine belt tool with cushion grip
- Extension Bars: **6"** and **10"** - for versatility and leverage
- Sockets: **13, 14, 15, 16, 18mm** - with custom 16mm drive end to fit bars
- 3/8" and 1/2" Drive adaptors - with custom 16mm drive end to fit bar
- 3/8" Drive Crowfoot Wrenches **13, 14, 15mm** - use with 3/8" adaptor above
- 3/8" - 16 UNC Bolt - to attach extension bars to long handle
- Comes in convenient blow mould storage case

## Compression Tester Gas Engines

H1730

- Quick disconnect flexible hose
- This quality, accurate tester has an angle construction tip to permit easy reading on back cylinders.
- The most popular type in use today
- The heavy duty neoprene hose bends in all directions for hard-to-reach cylinders

## Compression Tester Gas Engines

H1731

- Same features as H1730 without quick disconnect flexible hose
- Handy side release valve allows multiple readings on the same cylinder without removing the tester from the cylinder
- Hose assembly will disconnect easily from the gauge head to allow more flexibility and easier installation into spark plug holes.

## Accessory - Replacement Parts

<b>H1730B</b>	Quick Coupler - H1730
<b>H1730C</b>	Hose Assembly Fits - H1730 & H1731
<b>H1730D</b>	Long 14 mm Adaptor-H1730/H1731

<b>H1730E</b>	10 mm Adaptor - H1730/H1731
<b>H1730F</b>	12 mm Adaptor - H1730/H1731
<b>H1730H</b>	16 mm Adaptor - H1730/H1731



H1730



H1731



H3042

## Cylinder Leak Down Tester

H3042

- Tests for worn or broken rings, defective intake and exhaust valves, scored or cracked cylinders, leaky head gaskets and worn or stripped spark plug threads by measuring the amount of compressed air held in an engine cylinder
- Easy to use on all 2 and 4 cycle gasoline and diesel engines
- Dual gauges allow you to monitor input air line pressure up to 100 PSI
- Unit has precision pressure regulator to adjust pressure in cylinder to "set" area on regulator gauge
- Regulator gauge will read percentage of leak down in cylinder while the input pressure gauge assures that input pressure is steady
- Replacement Parts: **H3042A** Gauge Head, **H3042B** Regulator, **H3042C** Leakage Gauge, **H3042D** Hose Assembly - 11-1/4" with 14 and 18mm adaptors, Long Reach adaptor 14mm (use H1730D)
- Accessories: **H1730E** adaptor 10mm, **H1730F** adaptor 12mm, **H1730H** adaptor 16mm Ford Triton® Engines, **H3042K** Diesel adaptor Hose - 15-1/2" (hose allows the tester to be used on diesel engines with adaptors)

<b>H3042</b>	Cylinder Leakage Tester
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<b>H3042A</b>	Gauge Head - H3042
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<b>H3042B</b>	Regulator - H3042
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<b>H3042C</b>	Leakage Gauge - H3042
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<b>H3042D</b>	Hose Assembly with 14 and 18mm Adaptors
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<b>H3042K</b>	Diesel Hose Adaptor for H3042
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<b>H1730E</b>	10 mm Adaptor - H1730/H1731
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<b>H1730F</b>	12 mm Adaptor - H1730/H1731
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<b>H1730H</b>	16 mm Adaptor - H1730/H1731
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### Vacuum and Pressure Tester

H1728

- 2-1/2" Chrome plated vacuum tester aids diagnosis of engine problems such as sticky valves, timing, carburetion, faulty fuel pump, and other vacuum-operated devices
- Brass adaptor fitting provided
- Pressure Range: **0 - 15 PSI, 0 - 1 kg/cm<sup>2</sup>**
- Vacuum Range: **0 - 30 in., 0 - 76cm HG**
- Replacement Parts: **H1728A** Gauge Head
- CAUTION: Do not use on fuel injected vehicles



### Oil Pressure Tester

H3041

- Check oil pressure in automatic transmissions and engines
- Adaptors used on most domestic and imported cars and light trucks including late models
- Supplied with two gauges:
  - High Pressure Gauge - Calibrated from **0 - 300 PSI, (0 - 21.0 kg/sq.cm)**
  - Low Pressure Gauge - Calibrated from **0 - 100 PSI, (0 - 7.0 kg/sq.cm)**
- Use high pressure gauge for all applications
- Use low pressure gauge for more accurate reading of engine oil pressure where maximum oil pressure does not exceed 100 PSI (7.0 kg/sq.cm)
- Comes in a durable vinyl pouch
- Full instructions provided
- Note: Do not use low pressure gauge to test automatic transmission pressure

#### Replacement Parts:

- **H1734X** gauge head (H1730, H1731, H1726, H3041), **H3041B** gauge head 100 PSI, **H3041C** hose assembly (6' oil proof hose), **H3041D** 11 piece adaptor kit



## Compression Tester for Diesel Engines

H1845

- For most diesel trucks and cars
- Supplied with three popular adaptor numbers 1845D, 1845E and 1845J
- Easy-to-read 2-1/2" diameter gauge head
- Flex hose with swivel head eliminates the need to remove auxiliary equipment such as power brakes and steering, air conditioning and manifold
- Quick side release valve to reset gauge without removal of adaptor
- Gauge Range: **0 - 1,000 PSI, 0 - 70 kg/cm<sup>2</sup>**

## Adaptors Available:

- Listed by vehicle make
- Included in Kit\*
- See illustrations

## Replacement Parts:

- **H1845A** Hose Assembly 24-1/4"
- **H1845B** Gauge Head
- **H1845C** Quick Coupler
- **H1845G** Valve Core



## Accessory - Adapter - Replacement Part - H1845 Diesel Tester

Manufacturer	Engine	Type	Thread (in)	Adaptor
Allis Chalmers	6000, 7000, 10,000, 11,000	Injector		H1845P
Allix		Injector		H1845P
Audi	All	Injector	24 x 2.0	H1845E*
Audi	1.5, 1.6, 2.0, 2.6 LITRE	Glow Plug	12 x 1.25	H1845H
BedFord™	200, 220, 300, 330, 466	Injector		H1845P
BMW	2.4L	Glow Plug	12 x 1.25	H1845H
Case		Injector		H1845P
Caterpillar	3208, 110 Pencil Type	Injector		H1845FF
Caterpillar	D336, 1674, 1676,	Injector	7/8 x 14	H1845GG
Caterpillar	3406, 3408, 3412	Injector	7/8 x 14	H1845GG
Continental	W/Volvo Engines	Glow Plug	10 x 1.25	H1845M
Cummins	V-185, V-210, V225	Injector		H1845Q
Cummins	V-555, VT-255, VT-555	Injector		H1845Q
Cummins	H, HR, NH, NVH, V6, V8,	Injector		H1845Q
Cummins	V12, All 5.5 Bore	Injector		H1845Q
Cummins	NH and 903 V8 Cylindrical PTB	Injector		H1845Q
Cummins / Case "B"	2.9L, 3.9L, 5.9L	Injector	24 x 1.5	H1845Y
Cummins / Case "C"	8.3L	Injector		H1845DD
Datsun		Injector	24 x 2.0	H1845N
Detroit Diesel	53, 71, 92, 110, 149, V53, V71	Injector		H1845R
Dodge / Cummins	5.9L	Injector	24 x 1.5	H1845Y
Dodge / Cummins	Late model 5.9L ISB & QSB 24 valve	Injector		H1845-3
Flat Allis	8035-02-300, 8035-02-301	Injector		H1845P
Flat Allis	8035-02-302, 8045-02, 8045-03	Injector		H1845P
Ford™	2.0L	Glow Plug	10 x 1.25	H1845M
Ford™ / Escort		Glow Plug	10 x 1.25	H1845M
Ford™ / Lynx		Glow Plug	10 x 1.25	H1845M
Ford™ / Mazda	2.0L	Glow Plug	10 x 1.25	H1845M
Ford™ / Navistar	6.9, 7.3L	Glow Plug	10 x 1.0	H1845D*
Ford™ / Navistar	7.3L Turbo Diesel	Glow Plug	10 x 1.0	H1845KK
Ford™ / Navistar	7.3L Turbo Diesel	Glow Plug	10 x 1.0	H1845-2
Ford™ / Powerstroke	6.0L, 6.4L	Glow Plug	14 x 1.25	H1845-4
Ford™ Ranger	2.2L	Glow Plug	10 x 1.25	H1845M
Ford™ Tempo		Glow Plug	10 x 1.25	H1845M
Ford™ Topaz		Glow Plug	10 x 1.25	H1845M
Ford™ Toyo Kogyo	2.2L	Glow Plug	10 x 1.25	H1845L
Ford™ Tractors	21mm Bosch	Injector		H1845P
Ford™/Mazda	2.0L	Glow Plug	10 x 1.25	H1845L
General Motors	4.3L V6 & V8, 5.7L V8	Glow Plug	10 x 1.0	H1845D*
General Motors	6.2L & 6.5L V8 True Diesel	Glow Plug	10 x 1.0	H1845J*
GMC Truck	W4, W7, W7HV	Glow Plug	12 x 1.25	H1845H
GMC Truck	6.6L	Glow Plug	10 x 1.25	H1845K
Hino	Medium	Glow Plug	12 x 1.25	H1845H
Int'l Harvester	6.9 L	Glow Plug	10 x 1.0	H1845D*
Int'l Harvester	D/DT361, D/DT429, DV462	Injector		H1845P
Int'l Harvester	DV/DVT550, DT/DV/DVT573	Injector		H1845P
Int'l Harvester	361, 407	Injector		H1845P
Isuzu Chevette	1.8L	Glow Plug	10 x 1.25	H1845K
Isuzu GM	1.8L, 2.2L	Glow Plug	10 x 1.25	H1845K
Isuzu/Luv	2.2L	Glow Plug	10 x 1.25	H1845K
Isuzu Truck	NPR, KS	Glow Plug	12 x 1.25	H1845H
J.I. Case	All Models Except Pencil Type	Injector		H1845P
J.I. Case	188, 207, CID, Pencil Nozzle	Injector		H1845FF



H1845D



H1845F



H1845J



H1845N



H1845V



H1845DD



H1845FF



H1845K



H1845P



H1845W



H1845E



H1845GG



H1845KK



H1845Q



Manufacturer	Engine	Type	Thread (in)	Adaptor
John Deere	Early 300, 400, 500 276	Injector		H1845FF
John Deere	Early 404, 532 CID	Injector		H1845FF
John Deere	404, 466, 531, 619	Injector		H1845P
Kubota	Some models	Glow Plug	10 x 1.25	H1845M
Kubota	Some models	Glow Plug	8 x 1.0	H1845-5
Land Rover		Glow Plug	14 x 1.25	H1845V
Lealand British		Glow Plug	14 x 1.25	H1845V
Lincoln, Mark VII	2.4L 1984 & 1985 cars	Glow Plug	12 x 1.25	H1845H
Mack Truck		Injector		H1845P
Mack Truck	END 405, 457, 475, 510, 519	Injector		H1845P
Mack Truck	605, 672, 673, 674, 711, 864	Injector		H1845P
Mack Truck	END 1673, 675, 676, 865, 866	Injector		H1845P
Massey Ferguson		Injector		H1845P
Massey Ferguson	4, 203, 4, 236, 4, 248, 6, 354, 8, 540	Injector		H1845P
Mercedes	All with 24mm	Injector	24 x 2.0	H1845E*
Mercedes	All with 12mm	Glow Plug	12 x 1.25	H1845H
Mercedes	All with 18mm	Glow Plug	18 x 1.5	H1845F
Mercedes	All with 22mm	Injector	22 x 1.5	H1845HH
Mitsubishi	2 & 3 cylinder engines	Glow Plug	10 x 1.25	H1845M
Mitsubishi-Fuso	Medium	Glow Plug	10 x 1.25	H1845M
Mitsubishi-Fuso	Medium	Injector		H1845P
Navistar	DT360, DT466, 9.0L	Injector		H1845EE
Navistar	312, 360, 414, 436, and 466 C.I.D.	Injector		H1845EE
Navistar	6.9L, 7.3L	Glow Plug	10 x 1.0	H1845D*
Nissan	2.2L	Glow Plug	10 x 1.25	H1845M
Onan	DSL, MDL	Injector		H1845P
Opel		Injector	22 x 1.5	H1845X
Peugeot	All 2.0 & 2.3L	Glow Plug	12 x 1.25	H1845H
Peugeot		Glow Plug	18 x 1.5	H1845F
Renault		Injector	24 x 2.0	H1845W
Renault		Injector	22 x 1.5	H1845X
Scania	DN11 & DS11	Injector		H1845P
Toyo Kogyo	2.2L	Glow Plug	10 x 1.25	H1845M
Toyota	1.8L	Glow Plug	10 x 1.25	H1845K
Toyota	2.2L	Glow Plug	10 x 1.25	H1845M
UD-Nissan Truck	Medium	Glow Plug	10 x 1.25	H1845M
Volvo	All	Injector	24 x 2.0	H1845E*
Volvo		Glow Plug	12 x 1.25	H1845H
VW	All	Injector	24 x 2.0	H1845E
VW		Glow Plug	10 x 1.0	H1845Z
VW		Glow Plug	12 x 1.25	H1845H
Waukesha	All	Injector		H1845P
White Farm	66, 77, 88, 99, 166, 177, 188, 199	Injector		H1845P
White Farm	550, 660, 770, 880, 950, 1550	Injector		H1845P
White Farm	1555, 1600, 1650, 1655, 1750	Injector		H1845P
White Farm	1755, 1800, D2000, 2300, 3000	Injector		H1845P
Wisconsin	340, 350, 430, 660, 670, 750	Injector		H1845P
Wisconsin	860, 1000	Injector		H1845P

For Applications not Listed Above: H1845S - 1/8" N.P.T. Male Quick Coupler.

This adaptor along with 1- H1845G Valve Core (thread size 12-36) can be used to make your required adaptor for engines not listed above. Remove internal mechanism from an old injector or glow plug from that engine, drill and tap to accept the quick coupler and valve core.



H1845X



H1845EE



H1845H



H1845L



H1845R



H1845Y



H1845ET



H1845HH



H1845M



H1845S



H1845Z



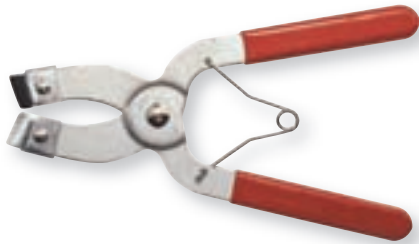
H1845-2



H1845-3



H1845-4



## Piston Ring Installer

H1723

- Ideal for removing rings easily without damage
- Greatly reduces ring point misalignment which can be detrimental to good piston ring sealing and engine performance
- Insert ring ends in wedge jaws and expand ring gently to slip into groove
- Accommodates piston rings from **3/64" - 1/4"** wide
  - reduces ring seating failures
- Compression rings should never be spiraled on the piston



## Piston Ring Compressor Kit - Ring-O-Matic Series

H1670

- Quick change design speeds piston ring installation and increases production
- The Ring-O-Matic pliers and bands are designed to operate in all positions, not just vertically or horizontally
- Pliers incorporates precision locking action for exact holding and quick release

### Kit Includes:

- **H1670A** Ring-O-Matic Pliers
- **H1670B** for Pistons **2-7/8" - 3-1/8"**
- **H1670C** for Pistons **3-1/8" - 3-3/8"**
- **H1670D** for Pistons **3-3/8" - 3-5/8"**
- **H1670E** for Pistons **3-5/8" - 3-7/8"**
- **H1670F** for Pistons **3-7/8" - 4-1/8"**
- **H1670G** for Pistons **4-1/8" - 4-3/8"**

### Larger bands available:

- **H1670H** for Pistons **4-1/2" - 4-3/4"**
- **H1670I** for Pistons **4-3/4" - 5"**
- **H1670J** for Pistons **5" - 5-1/4"**
- **H1670K** for Pistons **5-1/4" - 5-1/2"**
- **H1670L** for Pistons **5-1/2" - 5-3/4"**
- **H1670M** for Pistons **5-3/4" - 6"**



# TUNE-UP TOOLS

## Mechanic's Stethoscope

H1262

- This sensitive instrument provides a fast and accurate method of locating problem in engines and other moving parts
- Earphones block outside noises
- Plastic handle protects user from shock

### Ridge Reamer (3" - 5" Bore Sizes)

**H1585**

- This sturdy and durable ridge reamer will handle all modern engines with bores including canted and most short stroke types
- Sits solidly in the cylinder, with holding blades maintaining good wall contact for smooth cut. Cutter head guide plate locks on both sides
- Tungsten carbide Safe-T-Blade will not overcut, chatter or dig in
- Smooth cutting action of this ridge reamer is attained by fine-thread feed-up
- Accuracy is maintained by heavy, heat-treated centre bolt
- Steel collar on centre bolt protects threads from wrench damage
- Three position setting of spring-loaded cutter head permits change from one cylinder to another without adjusting cutter head assembly
- Range: **3" - 5"**
- Replacement Carbide Cutter: **H1591**



# VALVE SPRING COMPRESSORS

### Deluxe Overhead Valve Spring Compressor

**H3456**

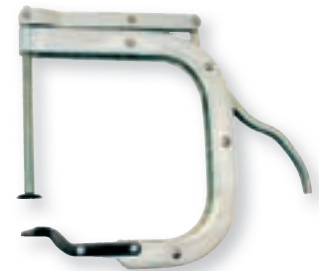
- Designed to service most cars with overhead valves and newer vehicles with confined areas under the hood
- The knob is removable exposing a 5/8" hex post allowing the technician to operate the tool with a 5/8" wrench or socket
- The components are heat treated for added strength and long service life
- Not to be used with impact tools. Use on or off the car



### Valve Spring Compressor

**H3183**

- Vertical lift design
- Equipped for 1" - 2" spring diameters. Height: 10" Width: 8"
- Prevents bending of valve stem. Sure, one hand control lock and release is powerful enough to compress the strongest spring with ease
- Quickly adjusts for any valve stem length. One simple adjustment with the pin-operated screw on the first set of valves sets clamp for the balance of springs.
- Replacement Jaws (included with tool): **H3183A** Straight Jaw (pair), **H3183B** Offset Jaw (pair)
- Optional Jaws: **H3183C** Extra High Offset Jaw



# VALVE LAPPING TOOLS

### Rubber Cup Valve Lapping Sticks

- For precision hand grinding valves and seats
- Synthetic rubber cup is resistant to oil, gasoline and grinding compounds
- Comfortable wooden handle. A must for that final valve to seat fitting operation

PROD. NO.

Cup

**H1183**

3/4"

**H1185**

1-3/16" and 1-5/16"



**H1183**



**H1185**

## Head and Valve Repair



## Ignition Point and Machine Files

**H1866**

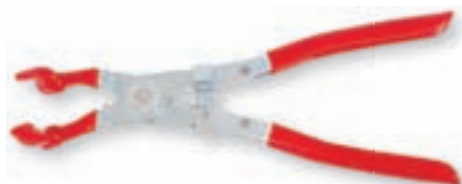
- These double cut ignition files are made from high quality steel with Rockwell hardness of 65
- Easily cuts tungsten or platinum contact points
- Use on ignition points, spark plugs, relays, circuit breakers and much more
- 2 per package



## In-Line Ignition Spark Tester

**H3143**

- Connects in-line between spark plug and spark plug wire. Shows a duplicate view of the ignition spark. Technician can visually check condition of each cylinder
- Frequency and intensity of flash pattern indicates whether there is an ignition or fuel delivery system problem. Flash can be seen in bright sunlight
- Clear plastic body can withstand rough use and resists automotive chemicals
- Flexible wire protected by mechanical strain relief
- Instructions included



## Angled Spark Plug Boot Pliers

**H3295**

- Designed to protect against plug wire and boot separation
- Handle and jaws are vinyl coated to insure complete insulation and non-slip grip
- Overall length: **9-3/4"**



## Timing Light

**H1599**

- Rugged, shockproof black housing, two finger trigger, solid state circuitry and 6" long oil and gas resistant leads
- Extremely rugged capacitive pick-up clamp
- THE JET ADVANTAGE: Most competitive lights use a very fragile inductive pick-up which can easily break when the clamp is dropped or banged. The capacitive clamp, with solid brass pick-up surfaces instead of fragile magnets, is almost indestructible
- Capacitive pick-up clamp allows hook-up to spark plug wire in either direction while engine is running
- Comes with instructions on engine timing
- Maximum RPM: **8,000**
- Replacement Parts: **H1599B** Bulb, **H1599C** Capacitive Pick-up Clamp



# MUFFLER EXPANDERS

- Use with impact wrench
- Removes clamp grooves and rounds out exhaust pipes
- A practical, rugged tool that makes easy work of a tough job
- Expansion rings set in deep grooves to prevent wear

**CAUTION:** Not to be used to stretch pipe

## Pipe and Muffler Expander - Standard

H1017

for Passenger Cars

## Pipe and Muffler Expander - Small

H1175

for Compacts and Foreign Cars

## Pipe and Muffler Expander - Extra Large

H1176

for Passenger Cars and Trucks

# PRESSURE TESTERS

- Unique design allows pressure to be taken either through the oxygen sensor hole or through the exhaust pipe with a threaded insert system (included)
- Accurately determines excessive exhaust back pressure caused by catalytic converter or muffler blockage

## Exhaust Pressure Tester

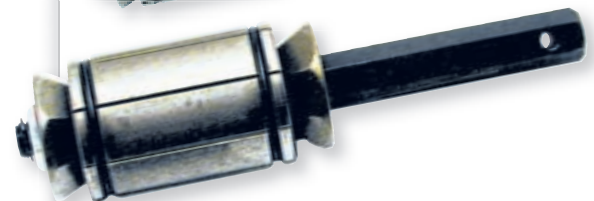
H3148

### Kit Includes:

- **H3148A** Gauge: 0 - 15 lbs
- **H3148B** Hose Assembly
- **H3148C** Insert Installing Tool
- **H3148D** Oxygen Sensor adaptor 18mm
- **H3148E** Oxygen Sensor adaptor 12mm
- **H3148F** 10 Pack
- Inserts, Washers, Screws

## Exhaust System

H1017 / H1175



H1176





## 6 Piece Disconnect Tool Set

**H3501**

- Easily disconnect spring lock couplings on Ford® and Chrysler® air conditioning lines
- Use on fuel line quick connect couplings found on late model GM®, Ford® and Chrysler® can be used on Ford® transmission and radiator cooler lines
- Set contains six colour coded tools that are stamped with size for quick identification
- Sizes: S.A.E. **5/16", 3/8", 1/2", 5/8", 3/4", 7/8"**  
Metric **8, 9, 13, 16, 19, 22mm**



## 11 Piece Master Disconnect Tool Kit

**H3544**

- This master fuel line quick disconnect tool kit broadens the applications of disconnecting fittings and spring lock couplings on fuel, filter cooler and transmission oil lines
- Fuel line disconnects are colour coded anodized aluminum for easy identification
- A must for all mechanical service shops
- Use with most vehicles on the market today
- Comes in convenient blow mould storage case

## Disconnect Tool for Fuel and Air Conditioning Lines

**H3089**

- This spring-lock coupling release tool easily separates fittings on fuel and air conditioning lines
- Sizes: **3/8", 1/2", 5/8"** and **3/4"**

## Disconnect Tool for Fuel Lines

**H3351**

- This spring-lock coupling release tool easily separates fittings on fuel lines
- Sizes: **3/8"** and **5/16"**

## Disconnect Tool for GM® Heater Lines

**H3364**

- Releases heater line quick connect fitting from engine block and thermostat housing
- 1991 - current GM® 3.1L / 3.4L and 3800 engines

### Disconnect Tool for Ford® Fuel Lines

H3352

- 1990 - current Ford® Ranger® and Explorer with 4.0 Litre, 6 cylinder engines



### 2 Piece Disconnect Tool Kit for Fuel, Transmission and Oil Cooler Lines

H3354

- Separates quick connect fittings from transmission, radiator oil cooler and power steering lines

#### Kit Includes:

- Ford®/GM® quick disconnect coupler tool and Ford® oil cooler line disconnect tool

#### Applications:

- Ford® EFI fuel lines with hair pin connectors
- Transmission/oil cooler lines on 1989 - current/GM® 1/2, 3/4 and 1 Ton pickups; 1986 - current Ford® Taurus and Mercury Sable with AXOD, AOD, or ATX transmissions



### 1/4" Disconnect Tool for Fuel Lines

H3356

- 1995 - 1996 Ford® Mustang 1/4" fuel pump return line



### 5/16" Disconnect Tool for Fuel Lines

H3357

- 1990 - current Ford® Aerostar, Explorer, Bronco® with 5/16" fuel lines
- 1991 - current Ford® E and F series trucks with 5/16" fuel lines
- 1992 - current Ford® Ranger® with 5/16" fuel lines
- 1992 - current GM® with 5/16" fuel lines



### Disconnect Tool for Ford® / GM® CFI Fuel Lines

H3353

- Ford® CFI fuel lines with hair pin connectors
- Universal for radiator to transmission oil cooler lines
- 1987 and later model Olds Tornado; Buick Riviere® and Reatta®; Cadillac Eldorado®, Seville® and Concours®; 1989 and later Model GM® 1/2, 3/4 and 1 Ton pickups



### Disconnect Tool for Ford® Oil Cooler Lines

H3355

- Ford® vehicles with AXOD, AOD, or ATX transmission



### 3/8" Disconnect Tool for Fuel Lines

H3358

- 1990 - current Ford® Aerostar, Explorer, Bronco® with 3/8" fuel lines
- 1991 - current Ford® E and F series trucks with 3/8" fuel lines
- 1992 - current Ford® Ranger® with 3/8" fuel lines
- 1994 - 1997 Dodge® Ram V6 and V8 trucks with 3/8" cooler lines
- 1995 - 1996 Dodge® Ram Van/Wagon with 3/8" cooler lines



### Disconnect Tool for Ford® Oil Cooler Lines

H3359

- Ford Taurus® and Escort® oil cooler lines on AXOD and ATX transmission



 Caution: release system pressure before using these tools!



## 40 Piece Master Fuel Injection Test Kit

H2000

- Contains all items necessary for checking the fuel injection systems on most domestic and foreign vehicles.
- Features a large, **3-1/2" gauge** head with dual readings of **0 - 145 PSI** and **0 - 1,000 kPa**, and **2-1/2" gauge** with dual readings of **0 - 15 PSI** and **0 - 100 kPa**
- All adaptors, gauge heads, and hose assemblies feature a quick coupling system
- Comes complete with instructions in a blow moulded carrying case
- Case will accommodate H2000UPA Supplement Kit



## Parts and Accessories for Test Kits H2000/H2002

### Gauges and Hoses

<b>H2000A</b>	3-1/2" Gauge Head with dual readings 0-145 PSI and 0-1000 KPA (10 Bar) Can be used for all tests
<b>H2000AA</b>	Low pressure 2-1/2" Gauge with dual readings 0-15 PSI and 0-1kg/cm² (1 Bar) Use for tests where an accurate reading below 15 PSI is required
<b>H2000AB</b>	Quick Coupler
<b>H2000D</b>	Gauge Hose Assembly with blow-down valve
<b>H2000G</b>	CIS/TBI Test Hose
<b>H2000DX</b>	72" Extension Hose
<b>H2000RK</b>	Repair Kit, O-Rings, Washers

### Test Port Adaptors

<b>H2000B</b>	Large Schrader Type Test Hose with 7/16" x 20 thread
<b>H2000BK</b>	Replacement Washer and Pin for H2000B
<b>H2000B90</b>	Large Schrader 90° Adaptor
<b>H2000C</b>	Small Schrader Type Test Hose with .308 x 32 thread
<b>H2000C90</b>	Small Schrader 90° Adaptor

### In-Line Testing TBI

<b>H2000S</b>	Union 5/8" x 18
<b>H2000T</b>	16mm x 1.5 Female Tube Nut (2)
<b>H2000U</b>	16mm x 1.5 Male Tube Nut (2)
<b>H2000UA</b>	14mm x 1.5 Female Tube Nut (2)
<b>H2000UB</b>	14mm x 1.5 Male Tube Nut (2)
<b>H2000UC</b>	14mm x 1.5 Plug
<b>H2000UPA</b>	
<b>H2000V</b>	5/8" x 18" Male Fitting (2)

### In-Line Testing - Special Connections

<b>H2000F</b>	Double-ended Hose Fitting 5/16" - 3/8"
<b>H2000W</b>	Spring Lock Hose - Common Application Ford® CFI
<b>H2000X</b>	Hair Pin Hose 5/16" - Common Application Ford® EFI
<b>H2000XA</b>	Hair Pin Hose 3/8" - Common Application GM®, Chrysler®



## Multi-Port Injection Pressure Tester

H2002

- Test fuel pump pressure on most domestic and import vehicles equipped with multi-port fuel injection systems using the small or large Schrader type connection
- Can be used on most import vehicles, except those equipped with Bosch C.I.S
- Includes bleed-off valve with hose to safely enable technician to depressurize fuel system after testing
- **3-1/2" gauge** diameter has dual scale: **145 PSI/1,000 kPa**
- Full instructions included
- Supplied in vinyl storage pouch







### 7 Piece Oil, Oxygen and Vacuum Sensor Socket Set H3547

- Contains seven popular oil, oxygen and vacuum switch sensor sockets
- Works on most computerized engine controlled vehicles
- Chrome Vanadium steel, heat treated for strength and durability
- Comes in convenient blow mould storage case
- Not for use with impact wrenches

#### Set Includes:

- H3327, H3346, H3440, H3580, H3583, H3586, H3595 Sockets

## OPEN STOCK SOCKETS

### 7/8" with Cut-Away Oxygen / Vacuum Sensor Socket

H3327

- Removes and installs oxygen sensors and vacuum switches on computerized engine control vehicles
- **3/8" drive x 7/8" hex socket with cut-away slot** provides extra clearance for oxygen sensor wires during use



### 1-1/16" Oil Pressure Sending Unit Socket

H3440

- Remove and install **1-1/16" oil pressure sending units up to 2-5/8" long**
- Heat treated alloy steel
- Use with **3/8" square drive or 1-1/8" hex wrench**
- Fits most 1991 to current GM® vehicles using oil pressure gauge and 1987 to current Chrysler® with light and gauge



### 7/8" 6 Point Oxygen Sensor Offset Socket Wrench

H3586

- Removes and installs oxygen sensors on vehicles with computerized engine control
- Offset design for increased maneuverability
- **7/8" 6 point socket** with cut-away slot provides extra clearance for oxygen sensor wires during use



### Oxygen Sensor Offset Socket Wrench

H3346

- Removes and installs oxygen sensors on vehicles with computerized engine control
- Offset design for increased maneuverability
- Features a **7/8" hex and 1/2" double square drive with cut-away slot** providing extra clearance for oxygen sensor wires during use



### 29mm Narrow Slot Oxygen / Vacuum Sensor Socket

H3580

- **1/2" drive 29mm narrow slot** oxygen sensor socket



### 7/8" Narrow Slot Oxygen / Vacuum Sensor Socket

H3583

- **3/8" drive x 7/8"**



### 27mm x 3-1/4" Injector Socket

H3595

- **1/2" drive 27mm x 3-1/4"**
- With window



## Spray Cleaning Gun Kit

H3192

- High speed 2-way action quickly blasts dirt, grease and oil
- Sprays cleaning solvents under high pressure. Will also blow air only
- Pressure trigger for maximum efficiency
- Includes 4 ft. siphon hose with screen
- Operates with 1 HP or larger air compressor delivering 3.0 CFM at 60 PSI
- Air inlet: 1/4" N.P.T.

## PULLERS AND PULLER KITS

### Pulley Puller

H1911

- Remove pressed on 1 or 2 groove pulleys from alternators, power steering pumps
- Designed to remove alternator bearings
- Adjust thumb screws to tighten jaws
- There are no loose parts on this tool
- Jaw opening: **1-1/4"**

### Power Steering Pump and Alternator Pulley Tool

H3341

- 2-in-1 tool removes and installs pulleys
- Features a two sided flange which fits all domestic automobiles including GM®, Chrysler® and Ford®
- Remove and install Saginaw®, Thompson® and Ford® C-2 power steering pumps with grooved assemblies
- Works on alternator pulleys with the following grooved hub diameters:  
**S.A.E. 1-1/8", 1-1/4", 1-5/16", 1-3/8"**  
**Metric 28, 32, 34, 35mm**
- Replacement Sleeve: **H3341-10**
- **CAUTION:** Do not use with impact tool!



### 6 Piece Power Steering Pump Pulley Kit

H3565

- Remove and install power steering pump pulleys without damage
- Use on most Chrysler®, Ford® and GM® vehicles
- Comes with two screw shafts for various pump sizes
- Fits pulley hub diameters of: **1-1/8", 1-1/4", 1-5/16", 1-3/8"**
- Comes in convenient blow mould storage case

#### Applications:

- 1988 - to current GM® Quad 4 engines
- 1989 - to current GM® 1/2", 3/4", and 1 ton pickups
- 1990 - to current Chevrolet Lumina® APV, Pontiac TransSport®, Oldsmobile Silhouette®
- 1991 - to current (3.1L V6 engines) Chevrolet Lumina® sedan, Olds Cutlass Supreme®, Buick Regal®, Pontiac Grand Prix®
- 1991 - to current Ford® (4.6L engines)
- The included H3353 disconnect coupler tool disconnects the fuel line on most 1987 - to current Cadillac®, Oldsmobile®, and Buick® vehicles





### Power Steering Pump Pulley Kit

H3566

- Remove and install alternator and power steering pulleys on late model Chrysler®, Ford® and GM® engines
- Reverse the jaws to pull the alternator internal bearings
- Will not damage pump or pulley
- Comes in convenient blow mould storage case

#### Applications:

- 1988 - to current GM® Quad 4 engines
- 1990 - to current Chevrolet Lumina® APV, Pontiac TransSport®, Oldsmobile Silhouette®
- 1991 - to current (3.1L V6 engines) Chevrolet Lumina® sedan, Olds Cutlass Supreme®, Buick Regal®, Pontiac Grand Prix®
- 1991 - to current Ford® (4.6L engines)

#### Kit Includes:

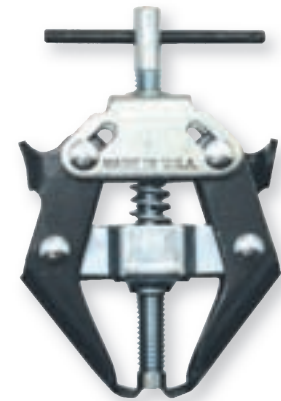
- Pulley Body, Centre Bolt, 2 Piece Jaws with Retaining Ring, Bearing, Washer and small Button
- Puller Pins for Quad 4, GM® 3.1L
- Installing Screws for Quad 4, GM® 3.1L, Ford® 4.6L and others



### 1-1/4" Gear and Bearing Puller

H1905

- Unique spring action that permits a one handed operation
- Forces the jaws tighter as more pressure is applied to the pressure screw
- Pressure screw has a protector on the end to prevent damage to the object pulled
- The **1-1/4" capacity** is ideal for small bearing, battery terminals and other small pulling jobs
- All parts are plated for rust and corrosion protection



### 5 Piece Internal and External Bearing Puller Kit

H3562

- Remove internal and external bearing cups, seals, bushings etc
- Special cone adaptor included which securely locks jaws on part to be removed
- Use with slide hammer for more torque
- Comes in convenient blow mould storage case

#### Kit Includes:

- **2.7lb** (1.24kg) Slide Hammer (5/8"-18 thread)
- Two Internal 3 Jaw Kits (Capacity 10 - 30mm, 30 - 80mm)
- External 3 Jaw Kit (10 - 80mm)
- Cone adaptor



## Steering Wheel Puller

H1903

- For all major makes of automobiles: 5/8" x 4" centre screw has recessed floating swivel
- Five Sets of (2 each) side screws: 3/8" - 16 x 4", 5/16" - 18 x 4-1/2", 5/16" - 24 x 3-1/2", 1/4" - 28 x 3", M8 x 1.25 x 80mm



## Steering Wheel - Lock Plate Tool

H3104

- A time saver for removing and installing lock plates on AMC® / GM® / Chrysler® cars including tilt steering wheels and airbags
- One tool handles both 9/16" - 18 and 14mm threads
- Easy to use. Just a few turns puts the screw on the steering column. A turn of the wing nut and the lock plate is ready for release. Reverse the procedure to install



## Harmonic Balancer Installer Kit

H3558

- Ideal for installing or removing vibration dampers, balancers, pulleys and gears with tapped holes where evenly distributed force is required

**Kit includes** one each of the following eight adaptors:

- **S.A.E.:** 7/16"-20, 1/2"-20, 9/16"-18, 5/8"-18, 3/4"-16
- **Metric:** M12 x 1.5, M14 x 1.5, M16 x 2.0
- Comes in convenient blow mould storage case



## Harmonic Balancer Puller Kit

H1901

- Designed to pull balancers, vibration dampers, pulleys, or any tool with tapped holes. Two or three hole applications
- Floating swivel prevents damage to shaft ends
- Range: **1-3/8" - 3-9/16"**
- 5 sets of side screws provided



## Pilot Bearing Slide Hammer Puller

H1921

- Slide hammer type
- Use to remove sleeve type bearings from 1/2" - 1-1/2" inside diameter on flywheels, pumps, and generators
- Turn the handle for quick adjustment and the centre rod spreads the alloy steel jaws for a tight fit inside the bearings
- A few light taps with the sliding hammer, and the bearing is removed
- Optional Small Jaw: **H1921G**



## Slide Hammer Multi-Purpose Puller Set - Heavy Duty H3560

- Extract flange-type rear axles, semi-floating rear axles bearings, balancers and other press-on parts
- With the 2/3 jaw combination, it can remove gears, outer races, grease retainers, oil seals and other internal/ external pulling jobs
- Use on most cars and light trucks that have axles with bolts and studs no larger than 9/16" in diameter
- Applies to 4.5 and 6 bolt stud circles that range from **4-1/4" - 5-9/16"**
- Slide hammer is: **5 lbs (2.32kg)**
- Comes in convenient blow mould storage case







CrV

### 2 or 3 Jaw Combination Gear Pullers

- Assemble with 3 jaws for maximum stability, or with 2 jaws where access is limited – 2 pullers in 1
- Jaws, yokes and forcing screw made of heat treated Chrome Vanadium steel for ultimate strength
- Reversible jaw design allows internal and external pulling
- Jaws grip tighter as pulling force increases
- All components hardened to HRC 42~45 for professional use
- Fine-threaded 440 CrV forcing screw allows precise control for damage free pulling
- Can be used with bearing separators

PROD. NO.	MOD. NO.	Reach	Spread	Capacity	Screw Length	Pitch	Jaw Thickness	JawW idth
770132	JGP-3HD	3-1/4"	4-3/4"	2 tons	4.9"	3/8"-24 tpi	1/8, 1/4"	1/4, 7/16"
770133	JGP-4HD	3-1/2"	7"	5 tons	7"	9/16"-20 tpi	1/4, 5/16"	3/8, 3/4"
770134	JGP-6HD	5-1/2"	7"	5 tons	7"	9/16"-20 tpi	1/4, 5/16"	3/8, 3/4"
770135	JGP-8HD	5-1/2"	9-1/2"	5 tons	9"	11/16"-18 tpi	5/16, 11/32"	7/8"

## BEARING SEPARATORS HEAVY DUTY

- Separator bodies made of heat treated Chrome Vanadium steel for maximum strength
- All components hardened to HRC 42~45 for professional use
- Separators have knife like edges to get behind bearings where regular gear puller jaws are too thick to grip
- Can be used with push or pull type gear pullers



### 12 Piece Bearing Separator Set

770302 / JBS-12

- Includes components to assemble push-type puller

Maximum Reach	Capacity	ForcingS crew	HoleS ize
3"	5 tons	7", 9/16" x 10 tpi	3/8" x 16 tpi

**Contents:** 2-1/4" Bearing Separator (1), 3-1/2" Bearing Separator (1), Yoke (1), Forcing Screw (1), Main Rods (4), Extension Rods (4)

### Open Stock

PROD. NO.	MOD. NO.	Capacity	HoleS ize
770312	JBS-225	1-3/16" – 2-1/4"	3/8" x 16 tpi
770313	JBS-350	2-1/4" – 3-1/2"	3/8" x 16 tpi
770314	JBS-450	3" – 4-1/2"	1/2" x 16 tpi





# GEAR PULLERS HEAVY DUTY



## 22 Piece Hydraulic Gear Puller Kit

770152 / JHGP-10S

- Jaws, yokes, bearing separator and ram made of heat treated Chrome Vanadium steel for ultimate strength
- Hydraulic ram requires no power - develops up to **10 tons of pressure** with hand power only
- All components hardened to HRC 42~45 for professional use
- Includes twin and triple heads for assembling 2 jaw and 3 jaw pullers
- Includes 4-1/2" bearing separator
- Comes in convenient blow mould storage case

Reach	Spread	Capacity	Pieces (total)
4"	10"	10 tons	22

### Contents:

Hydraulic Ram (1), 4" Puller Legs (3), 6" Puller Legs (3), 8" Puller Legs (3), Collar (1), Twin Head (1) Triple Head (1), End Cap (1), 2" Ram Extension (1), Yoke (1), 4-1/2" Bearing Separator (1), Main Rods (2), Extension Rods (2)

## HAND BRUSHES



H1021



H1039



H1045



H3092

### Wire Hand Scratch Brush

H1021

- Overall length: **10"**
- Brush area: **5" x 1-1/16"**
- Hardwood handles

### Parts Cleaning Brush

H1039

- Chemical resistant bristles are crimped to hold more fluid for faster cleaning
- The bristles are tapered to get into tight places
- Plastic handle

### Wire Utility Brush

H1045

- Use on side terminal battery clamps, distributors, light sockets
- Also useful for cleaning 1/2" copper fittings with sweating joints

### Parts Cleaning Brush Flow-Thru Style

H3092

- Fits most parts washers. The 24" hose fits 1/4" and 3/8" bore parts washer nozzles
- Bristles are made of hi-flex nylon, guaranteed not to mushroom
- Brush assembly non-metallic makes it safe in the presence of electricity

### GEAR PULLERS

See pages 186-188 or the Pullers section for similar products

### Razor Blade Scraper Folding Arm Style H1363

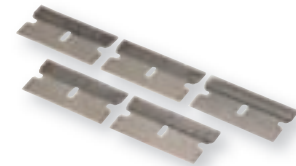
- All purpose use scraper. Locks in three positions
- Handy to remove inspection stickers, paint, masking tape and general scraping jobs
- Rugged steel construction
- One steel blade included

### Razor Blades Single Edge H1363C

- 100 per box
- Steel blades fit all single edge blade holders



H1363



H1363C

### Razor Blade Scraper - Extended Arm Style H1364

- All purpose scraper
- Designed for hard-to-reach areas to remove inspection stickers, paint, masking tape and general purpose scraping
- Ergonomic handle with steel shaft
- One steel blade included
- Overall length: **12-1/2"**
- Replacement blade: H1363H (pkg 5) or H1363C (box of 100)



H1364



### Razor Blade Scraper Stubby Pocket Style (30 PC) H3237DA

- Sturdy scraper for home, auto or shop
- Compact pocket size
- Removes stickers, labels, paint, etc
- Colourful easy grip cushioned handle
- Uses standard single edge razor blades
- H3237DA Cookie Jar Counter Display Assortment  
Contains 30 - mini scrapers in 5 assorted coloured handles  
Cookie jar is non-breakable plastic with snap shut lid



H3237DA

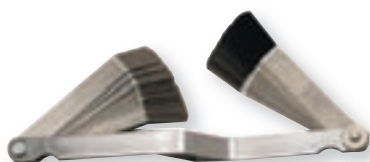
## SEAL PULLERS

### Seal Puller H3052

- Easily removes oil and grease seals on automobiles and light trucks
- Two different tips reach in and fit most seals



## Hand Tools



## Air Conditioning Service



## FEELER GAUGES

### 5 Blade Non-Magnetic Feeler Gauge Set

H1137

- The blades are made of non-magnetic brass and will not affect the electronic components of the distributor
- Five blades cover the sizes needed
- Metric equivalent marked on blade
- Blade Thickness: **.006, .008, .010, .012, .014, .016**

### 25 Blade Universal Master Gauge Set

H1859

- Metric equivalents marked on blades
- .0015 plus .002 to .035 in .001 increments
- Blade Size: 3-1/16" x 1/2"
- Blade Thickness: **.0015, .002, .003, .004, .005, .006, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .022, .024, .025, .028, .030, .032, .035**

### 21 Blade Offset Extra Length Feeler Gauge Set

H1863

- Blade Sizes: 4" x 1/2", 1" - 45° offset
- Blade Thickness: **.006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, .025, .026**

### 22 Blade Go-No-Go Feeler Gauge Set

H3105

- Blade Sizes: 3" x 1/2" Step Ground
- Blade Thickness: **.004-.006, .005-.007, .006-.008, .007-.009, .008-.010, .009-.011, .010-.012, .011-.013, .012-.014, .013-.015, .014-.016, .015-.017, .016-.018, .017-.019, .018-.020, .019-.021, .020-.022, .021-.023, .022-.024, .023-.025, .024-.026, .025-.027**

## AIR CONDITIONING REPAIR TOOLS

### 4 Piece Air Conditioning Spring Lock Coupling Kit

H3363

- For separating spring lock air conditioning lines
- Spring-loaded closed clamp deflects any spray when disconnecting pressurized lines
- Colour coded set of 4 sizes: **3/8", 1/2", 5/8", 3/4"**
- Fits 1981 - current Ford® and some 1994 - current Chrysler® vehicles





## 14 Piece Cap Style Filter Wrench Set

H3370

### Individual Cap Wrenches:

	Metric Size	Decimal Equivalent	Flutes
H3371	74/76 mm	2.91/3.0"	15 – 2 steps
H3372	76 mm	3.00"	14
H3373	93 mm	3.66"	15
H3374	73 mm	2.875"	14
H3375	65/67 mm	2.56/2.63"	14 – 2 steps
H3376	68 mm	2.68"	14
H3377	80 mm	3.15"	15
H3378	90 mm	3.54"	15
H3379	80/82 mm	3.15/3.23"	15 – 2 steps
H3380	93 mm	3.66"	36
H3381	75/77 mm	2.95/3.03"	15 – 2 steps
H3382	65 mm	2.56"	14
H3383	76 mm	3.00"	30
H3384	100 mm	3.937"	15

## Cap Style Filter Wrench - Dual Size

H1099

- For installing or removing oil filters
- Fits most makes and models of filters with fluted ends. Won't damage filter
- Steel / nickel plated uses 3/8" square drive socket wrench or 1" open end wrench to operate
- Dual Size for **2-7/8 - 3"**
- Compact Size Filters - **15 Flutes**



CrV

## 14 Piece 3/8" Dr Oil Drain Plug Socket Set

H3700

- Fits oil drain plugs on most domestic, European and Asian vehicles
- Great for oil change professionals
- Bright-finished Chrome Vanadium steel sockets comes on a metal clip rail
- Contains:



H3700-10	3/8" Dr. Oil Drain Plug Socket (8mm Hex)
H3700-11	3/8" Dr. Oil Drain Plug Socket (9mm Hex)
H3700-12	3/8" Dr. Oil Drain Plug Socket (10mm Hex)
H3700-13	3/8" Dr. Oil Drain Plug Socket (12mm Hex)
H3700-14	3/8" Dr. Oil Drain Plug Socket (14mm Hex)
H3700-15	3/8" Dr. Oil Drain Plug Socket (17mm Hex)
H3700-16	3/8" Dr. Oil Drain Plug Socket (10mm Square)
H3700-17	3/8" Dr. Oil Drain Plug Socket (7mm Square)
H3700-18	3/8" Dr. Oil Drain Plug Socket (8mm Square)
H3700-19	3/8" Dr. Oil Drain Plug Socket (11mm Square)
H3700-20	3/8" Dr. Oil Drain Plug Socket (13mm Square)
H3700-21	3/8" Dr. Oil Drain Plug Socket (5/6" Square)
H3700-22	3/8" Dr. Oil Drain Plug Socket (3/8" Square)
H3700-23	3/8" Dr. Oil Drain Plug Socket (10mm Triangle)

Caution: Do not use with power or impact tools.



H3370

- Heat-treated steel, black oxide finish to prevent corrosion
- Use with **3/8" square drive** ratchet
- Tough, durable, built to last
- Wrenches are specifically designed for 1 or 2 step models, fitting various flute designs on Fram, AC, Casite, Lee, Hastings, Motorcraft, NAPA, Purolator, STP, Pure One, Wix and some Japanese and European made filters

CrV

## 4 Piece Oil Filter Canister Socket Set

H3702

- Specially designed low profile **3/8" sq. drive** sockets used for removing oil filter canister cover on vehicles that have limited access
- Cartridge type oil filters are easier to change with these specialty sockets
- When using a conventional socket, the top side of the socket can contact other surrounding components which could cause damage or make it difficult to completely remove the oil canister cover
- Made from Chrome Vanadium Steel
- Note: Not for use with impact tools



H3702-10	Oil Filter Canister Socket (24mm)
H3702-11	Oil Filter Canister Socket (27mm)
H3702-12	Oil Filter Canister Socket (32mm)
H3702-13	Oil Filter Canister Socket (36mm)

**Band Type Filter Wrench - Non-Swivel Handle****H1014**

- Stainless steel band is 7/8" (22.2mm) wide
- Full length ergonomic cushion grip handle for comfort
- All steel handle construction, plated for rust protection
- Studs on inside of band help prevent slipping
- Farm and Fleet
- Range: **4-3/4" - 5-1/8" (120.6 - 130.1mm)**

**Band Type Filter Wrench - Swivel Handle**

- Features a self-locking bolt in the handle instead of a rivet for less wear and tear
- Stainless steel band is 7/8" (22.2mm) wide, supported on the outside joint
- Full length ergonomic cushion comfort grip handle for comfort
- All steel handle construction, plated for rust protection
- Studs on inside of band help prevent slipping



	Type	Range
<b>H1060</b>	Small	<b>2-3/8" - 2-7/8" (60.3 - 73mm)</b>
<b>H1061</b>	Compact	<b>2-7/8" - 3-3/8" (73 - 85.7mm)</b>
<b>H1062</b>	Standard	<b>3-3/8" - 3-3/4" (85.7 - 95.2mm)</b>
<b>H1063</b>	Large	<b>3-3/4" - 4-3/8" (95.2 - 111.1mm)</b>

**Band Type Truck Filter Wrench - Swivel Handle**

- Designed for use on Cummins, Detroit Diesel and Caterpillar engines
- Has a self-locking bolt so that wear can be taken up after long use
- Steel bands one full inch wide
- Full length cushion grip handle for comfort
- Studs on inside of band help prevent slipping



	Type	Range
<b>H3433</b>	Cummins & Detroit Diesel Engines	<b>4-5/16" - 4-3/4" (110 - 120mm)</b>
<b>H3434</b>	Caterpillar Engines	<b>5-1/4" - 5-3/4" (134 - 146mm)</b>

**Expandable Filter Wrench****H3055**

- Removes all passenger car and light duty truck spin on type oil filters
- Serrated legs provide strong gripping power
- Range: **2-3/8" - 4-3/4" (60.3 - 120.7mm)**
- Use with 3/8" square drive

**1/2" Square Drive Oil Filter Wrenches - Heavy Duty**

Range

<b>H3078</b>	<b>4-1/8" - 4-21/32" (104 - 118mm)</b>
<b>H3079</b>	<b>4-21/32" - 5-5/32" (118 - 131mm)</b>
<b>H3090</b>	<b>5-5/32" - 5-21/32" (131 - 144mm)</b>

**Strap Filter Wrench - Standard****H1295**

- For installing or removing oil filters
- Adjusts quickly to oil filter. Use with square drive ratchet handle or open-end wrench
- Strap is made of a durable oil resistant nylon web that will not slip
- For cars and trucks: **6" capacity**
- 1/2" square drive or 3/4" open-end wrench

**Heavy Equipment Band/Strap Filter Wrench H3241**

- Heavy duty cordura strap for high torque requirements
- Tightening and turning device has 3/8" square drive on one end and 1/2" square drive on the other
- Range up to **9" (228mm)** approx.
- Strap length approx. 25"

**Oil Filter Removal Pliers****H3310**

- For removal and installation of spin-on oil and fuel filters
- Self-adjustable. Spring action slip joint. Gripping jaws and cushion grip handles
- Range: **2-1/4" - 6" (60 - 152 mm)**



Caution: Do not use with power or impact tools.

### 8 Piece 3/8" Drive Triple Square Driver Bit Set

H1458

- Bit sockets are **3/8" sq. dr.** with a black oxide tip, matte finish and made from SNCR 8660 steel
- For use on triple square fastener bolts typically found on European vehicles (especially German)
- For use on cylinder heads, axle shafts, rear toe adjusters, differentials, transmission drain plugs, clutches, belly pans, brake calipers and more
- Other uses include: Detroit Diesel® flywheel bolts, crank pullers on 900 and 4000 series engine, and headbolts on 900 series
- Bit sockets are NOT designed for use with power impact tools
- CAUTION: Triple square bit sockets may strip the head of double hex bit fasteners found on many Asian vehicles



	Socket Size		Socket Size
H1458-10	4mm	H1458-14	10mm
H1458-11	5mm	H1458-15	12mm
H1458-12	6mm	H1458-16	14mm
H1458-13	8mm	H1458-17	16mm

### 4 Piece Triple Square Driver Bit Set

H1456

- For use on 12 point fasteners
- Triple square design. Alloy steel
- Made from Chrome Vanadium 6150 - 50 - 54 Rockwell hardness



	Bit Size	Drill Size	Type and Length
H1452	6mm	5/16"	Hex x 2-1/2" Long
H1453	8mm	5/16"	Hex x 3" Long
H1454	10mm	1/2"	Hex x 3-1/4" Long
H1455	12mm	1/2"	Hex x 3-3/4" Long

## STUD, BOLT AND NUT REMOVAL

### Nut Splitting Tool

H1858

- For removal of rusted or corroded nuts. It will **split nuts up to 3/4"** across flats, just a few turns with any 3/4" hand wrench (no power needed)
- Especially handy for front and rear shock absorber stud-end nuts
- Overall length: 4-1/8"



## PUNCHES - BRASS

- Ideal when sparks from a steel punch would be dangerous
- A must for those driving jobs where a soft punch is required

### Tapered Punch (5/8" Hex to 3/8" Point)

H3095



### Drift Punch (3/4" Diameter - Knurled Grip)

H3096



## PLIERS

### Universal Lock Ring Pliers

H3056

- Removes and installs lock rings used on brakes, transmissions, pedal shafts and clutch shafts
- The scored jaws hold rings securely





## 15-in-1 Multi-Bit Screwdriver

H3400

- Features a patented pullout bit cartridge
- 15-in-1 multi-bit screwdriver replaces 14 of the most popular bits and 14 screwdrivers and a 1/4" hex nut drive
- 2" double end bits are made of superior quality S2 steel for strength and durability
- Shaft is made of super high strength 12T14 steel for long life
- End of shaft is a 1/4" hex nut driver
- Handle is made of durable nylon reinforced Triax® resin for longest life
- Unique rotating cap design allows you to position the cap in the palm of your hand and rotate the driver handle with your fingers. The driver then acts like a gearless ratcheting screwdriver, increasing productivity while reducing blisters and operator fatigue
- Drivers are easy to use from both the left and right sides, allowing you to use them in tight, confined areas
- Collar also swivels 360° for fast, efficient driving of screws
- Made in the U.S.A

Distributors please note: Drivers are sold in 6 pack POP display only

	Type	Belongs to
H3400C	Phillips	Replacement Bit For H3400 (P0 - P3)
H3400D	Phillips	Replacement Bit For H3400 (P1 - P2)
H3400E	Square	Replacement Bit For H3400 (S1 - S2)
H3400K	Square	Replacement Bit For H3400 (S0 - S3)
H3400J	Slot	Replacement Bit For H3400 (F4 - F6)
H3400F	TORX®	Replacement Bit For H3400 (T10 - T15)
H3400G	TORX®	Replacement Bit For H3400 (T20 - T25)
H3400H	TORX®	Replacement Bit For H3400 (T27 - T30)

## SCREWDRIVERS

See the **Screwdrivers** section for similar products

## SCREW EXTRACTORS



## 5 Piece Flute Type Screw Extractor Set

H1273

- Five extractors with sharp undercut edges to provide solid grip in studs, set screws, pipe and zerk fitting
- Made from Chrome Molybdenum (50 - 52 Rockwell hardness)



	U.S.S. Screw or Bolt Size	Drills size	Min.D epth of Hole	PipeS size
H1273A	1/4", 5/16"	1/8"	3/8"	
H1273B	3/8"	3/16"	1/2"	
H1273C	7/16"	15/64"	1/2"	1/8"
H1273D	1/2", 9/16"	5/16"	1/2"	1/4"
H1273E	5/8"	3/8"	5/8"	3/8"



## 5 Piece Spiral Type Screw Extractor Set

H1365

- For removing broken screws, bolts and threaded parts. Spiral type flutes grip and remove the broken part
- Precision Chrome Molybdenum (48-52 Rockwell hardness), tapered and ground
- Comes in a convenient vinyl pouch



	Screw or Bolt Size	Drills size
H1365A	1/8 - 1/4"	5/16"
H1365B	1/4 - 5/16"	7/64"
H1365C	5/16 - 7/16"	5/32"
H1365D	7/16 - 9/16"	7/32"
H1365E	9/16 - 3/4"	17/64"



**WARNING:** always wear safety goggles



### Thread File (Coarse S.A.E.)

**H1440**

- 11, 12, 13, 14, 16, 18, 20, 24 (threads / inch)

### Thread File (Fine S.A.E.)

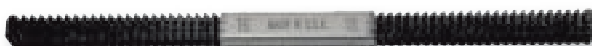
**H1441**

- 9, 10, 12, 16, 20, 27, 28, 32 (threads / inch)

### Thread File (Metric)

**H1442**

- 0.75, 1.0, 1.25, 1.50, 1.75, 2.00, 2.50, 3.00mm



H1440 - H1442

### Rethreader Die Sets

- Hex shape lets you use a common socket for a holder
- Will quickly and safely repair damaged threads on bolts or rods
- Each set packed on ball chain

PROD. NO.	Pieces	Type	Contents
<b>H1344</b>	7	Coarse	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8
<b>H1345</b>	7	Fine	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8
<b>H1346</b>	5	Metric	6mm x 1.0, 7mm x 1.0, 8mm x 1.25, 10mm x 1.50, 12mm x 1.50 Use H1346-11 for 7mm x 1.0 Die



### 43 Piece Rethreading Die Kit - S.A.E. / Metric

**H3573**

- A comprehensive rethread kit for repairing or renewing damaged threads on nuts, bolts or studs
- Hex-shaped for socket or wrench use • Comes in convenient blow mould storage case

21 DIES		19 TAPS		3 Thread Files (4 sided)	
<b>UNC - National Coarse (Silver)</b>		<b>UNC - National Coarse (Silver)</b>		<b>H1440</b>	S.A.E. Coarse 11, 12, 13, 14, 16, 18, 20, 24
<b>H3573-10</b>	1/4"-20 UNC	<b>H3573-17</b>	1/4"-20 UNC	<b>H1441</b>	S.A.E. Fine 9, 10, 12, 16, 20, 27, 28, 32
<b>H3573-11</b>	5/16"-18 UNC	<b>H3573-18</b>	5/16"-18 UNC	<b>H1442</b>	Metric 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.50, 3.00mm
<b>H3573-12</b>	3/8"-16 UNC	<b>H3573-19</b>	3/8"-16 UNC		
<b>H3573-13</b>	7/16"-14 UNC	<b>H3573-20</b>	7/16"-14 UNC		
<b>H3573-14</b>	1/2"-13 UNC	<b>H3573-21</b>	1/2"-13 UNC		
<b>H3573-15</b>	9/16"-12 UNC	<b>H3573-22</b>	9/16"-12 UNC		
<b>H3573-16</b>	5/8"-11 UNC	<b>UNF - National Fine (Black)</b>			
<b>UNF - National Fine (Black)</b>		<b>H3573-30</b>	1/4"-28 UNF		
<b>H3573-23</b>	1/4"-28 UNF	<b>H3573-31</b>	5/16"-24 UNF		
<b>H3573-24</b>	5/16"-24 UNF	<b>H3573-32</b>	3/8"-24 UNF		
<b>H3573-25</b>	3/8"-24 UNF	<b>H3573-33</b>	7/16"-20 UNF		
<b>H3573-26</b>	7/16"-20 UNF	<b>H3573-34</b>	1/2"-20 UNF		
<b>H3573-27</b>	1/2"-20 UNF	<b>H3573-35</b>	9/16"-18 UNF		
<b>H3573-28</b>	9/16"-18 UNF	<b>Metric (Gold)</b>			
<b>H3573-29</b>	5/8"-18 UNF	<b>H3573-43</b>	6MM x 1.00		
<b>Metric (Gold)</b>		<b>H3573-44</b>	8MM x 1.25		
<b>H3573-36</b>	6MM x 1.00	<b>H3573-45</b>	10MM x 1.25		
<b>H3573-37</b>	8MM x 1.25	<b>H3573-46</b>	10MM x 1.50		
<b>H3573-38</b>	10MM x 1.25	<b>H3573-47</b>	12MM x 1.25		
<b>H3573-39</b>	10MM x 1.50	<b>H3573-48</b>	12MM x 1.50		
<b>H3573-40</b>	12MM x 1.25	<b>H3573-49</b>	12MM x 1.75		
<b>H3573-41</b>	12MM x 1.50				
<b>H3573-42</b>	12MM x 1.75				



**WARNING:** Do not use with impact or power tools



## 5/16" Side Terminal Wrench

H3125

- Designed to easily remove 5/16" side terminal battery bolts
- Insulated handle to prevent electrical shock
- Reversible **5/16" ratcheting box wrench** allows for quick and effective terminal bolt removal



## Post and Terminal Cleaning Brushes

H1007

- Remove corrosion quickly and safely. Cleans battery post and terminals for perfect electrical contact
- Also useful as a wire cleaning brush for cleaning 1/2" copper pipe before sweating
- Metal case included



## Post and Clamp Cleaner

H1677

- Quickly and safely cleans even the most corroded terminals
- Double ended post cleaner handles both the positive and negative posts
- The tapered reamer cleans both size terminals
- Constructed of high quality steel and shock proof plastic



## Post and Terminal Cleaner

H3391

- Cleans and reams battery posts and terminals
- Post cleaners marked with positive and negative symbols for easy identification



# BATTERY CARRIER

## Grip-Tight Battery Carrier

H1279

- For most 6 and 12 volt batteries
- Rugged, zinc plated steel jaws grip battery securely for lifting
- Acid resistant, non-conductive strap
- Designed to carry side terminal or post batteries.
- Easy one hand control

### 100 Amp Analogue Load Tester

H3432

- **Test 6 and 12 volt batteries up to 1,000 CCA**
- Tests battery state of charge, battery cranking ability, charging system output and starter condition
- Top mounted rocker switch is more convenient and easy to use
- Rubber insulated carrying handle for both comfort and safety
- Unit does not contain asbestos
- Accurate and shock resistant movement
- Easy to read meter
- Heavy duty colour coded, insulated clamps
- Durable, ventilated blue enamel steel case
- Complete tests done in 10 seconds
- Outside power is not required
- True 100 Amp load capacity



### 100 Amp Digital Load Tester

H3650

- **Test 12 volt batteries only up to 1,000 CCA**
- Microprocessor controlled design guarantees an easy and accurate load test and no need to time yourself
- Unique 3 step design: LED polarity checking function, battery state of charge and charging system test readout
- Check both battery and charging systems
- Durable, ventilated enamel steel case
- Completely portable; outside power is not required
- True 100 amp load capacity
- Tests: battery state of charge, battery cranking ability, charging system output starter test



### 500 Amp Carbon Pile Tester

H3655

- Colour-coded, temperature compensation pass/fail bands on the voltmeter insures precise battery load test results
- Separate voltmeter and ammeter, for easy monitoring
- **Tests batteries up to 1,000 CCA**
- Fully insulated, heavy duty, colour coded battery clamps and wire leads
- For **12 volt batteries**, alternators, regulators and starters systems
- Designed with built-in 15 second load warning beeper
- Meets UL and CE standards
- THE JET ADVANTAGE: There are many 500 amp carbon pile battery tester and charging system analyzers in the market. While they all look the same from the outside, our unit has many important features that ensure a premium quality tester. Our carbon piles are made from the best quality, superior performing materials. Our steel parts are made with patented "constant-pressure/constant current" steel. The fasteners and soldering materials and assembly technology ensure the components and connection stay secure. We use heavy duty 4 gauge welders' grade cable wire where competitors may use lighter gauge cable. These superior components and design qualities offer greater stability and more accurate readings while minimizing heat build up.



**Circuit Tester - 6 /12 Volt****H1090**

- Test electrical circuits, relays, bulbs, and switches
- Attach the ground clip to any good electrical ground and touch the probe to the hot end. If the bulb lights up, the circuit is good
- Bulb will take a nominal overload for safety. Uses standard replacement bulb
- Hi-impact, no shock, plastic case
- Replacement Bulb: **H1090C**

**Continuity Tester****H1304**

- Self-powered tester will check all voltage circuits and wiring, with the vehicle power off
- Uses standard AA battery (battery included)
- Test radio, T.V., appliances, electrical circuits, switches, voltage regulators, coils, fuses, condensers, armature and alternator diodes
- Lead: **36" long**
- Bulb is mini screw base 1.5 V industry standard No. 112, purchase locally

**Circuit Tester - Deluxe 6-36 Volt****H1493**

- Tests all voltages from **6 - 36 volts**
- A special high voltage neon tube will also let you test spark plugs and spark plug wiring
- The coiled wire lead extends up to 6 feet and retracts compactly
- Heavy duty large type clamp
- A very good all around tester
- Replacement Bulb: **H1090C**

**Circuit and Polarity Tester - Computer Safe****H3068**

- Designed to be used on all **12 volt** circuits including automotive computer circuits without damage to sensitive electronic components
- It draws less than 21 milliamps at 12 volts DC with an operating range of 3 - 15 volts
- Has a long life LED bulb
- Glows RED to indicate positive polarity at probe and GREEN to indicate negative polarity.

**Circuit Tester with Buzzer - 6/12/24 Volt****H3344**

- Bulb lights and buzzer sounds when positive contact has been made
- Ideal for use in tight spaces or under bright lights where a light is difficult to see
- Tests **6 - 12 - 24 volt** "power-on" circuits
- Clip enclosed in anti-shock boot
- Features long life LED bulb
- **Extra long 42" - 16 gauge wire**

**Remote Starter Switch****H1361**

- Remote switch allows the mechanic to crank engine from outside of vehicle while keeping hands away from fan blades, gears, or other moving parts
- Heavy duty switch contacts reduce arcing
- Rubber boots protect clamps from dirt or grease
- May be used to open and close other low voltage circuits
- Leads: **35" long**







### Ford® Triton Spark Plug Thread Repair Kit

**H3660**

- Designed to aide in repairing spark plug threads damaged on Ford® Triton Modular Engines - 1996-2003 - 4.6LT, 5.4LT, 6.8LT V-10
- Becoming one of the most asked for repairs as these engines age
- Repair damaged cylinder heads from spark plug thread erosion and shooting spark plugs out during operations with a patented "Alloy Steel Insert"
- Foolproof repair system that is fast, cost effective and simple to use
- Takes as little as 15 minutes, to no more than 45 to repair one cylinder

#### Kit Contains:

- Core drill, guide, hose assembly, instructional DVD, 6 -M14 x 1.25 x 19mm O.D. alloy inserts, all in a blow mould case
- Replacement Parts: **H3660-10** spark plug insert



### Ford® Triton Spark Plug Shield Extractor Kit

**H3661**

- Designed to extract frozen or broken spark plug ground electrode shields in Ford® Triton engines 2004 to present - 4.6LT, 5.4LT, 6.8LT V-10
- The elongated plug has a stainless steel shield - as the carbon deposit builds-up, the shield sticks and stays in the cylinder head spark plug well
- Use the specially machined guide with tap 9mm x 8"L (203.2mm) to tap the shield
- Use the extractor to pull out the stainless steel sleeve
- Problem solved: saving time and a huge expense

#### Kit Contains:

- Guide, tap 9mm x 8"L (203.2mm), extractor, nut, washer and 4 rubber stopper caps, all in a blow mould case



### Ford® Triton Spark Plug Porcelain Extractor Kit

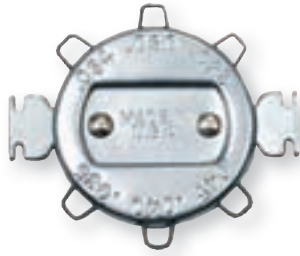
**H3659**

- Designed to extract frozen or broken porcelain part of the spark plug in the 3 Valve Ford® Triton engines (2004 to present)
- Using these special tools and a strong epoxy you should be able to extract the broken porcelain left behind when spark plug removal was attempted
- The advantage of this method of extraction is to prevent broken pieces of porcelain from entering the combustion chamber
- Ford® specifically does NOT recommend pushing the broken porcelain down into the cylinder
- Doing so would mean the removal of the cylinder head

#### Kit Contains:

- Epoxy applicator with guide, epoxy electrode applicator and extractor assembly, small tube of bonding epoxy (Loctite)
- Replacement epoxy: Use Loctite No. 638 or Permatex No. 64000 or 64040
- Replacement Parts:
  - H3659-10** epoxy applicator,
  - H3659-11** epoxy pins - 10 pack





Swivel style sockets

## Spark Plug Thickness Gauge - Regular Range

H1274

- Popular, round pocket size wire gauge marked in thousandths on one side, metric on the other
- Includes electrode adjuster
- Gap Size: **.025, .030, .034, .035, .040, .045**

## Spark Plug Gauge and Gapper

H3116

- For standard and H.E.I. ignition
- Has tapered ground edge for gapping plugs. Adjusting hole with flange to adjust side wire without pressuring centre electrode
- Has both metric and decimal markings
- Gaps all plugs from: **.020 - .100 (0.50 - 2.5mm)**

## Spark Plug Thread Chasers

- For spark plug holes
- Chaser cleans threads of dirt, carbon build-up and metal particles
- Services most applications including compacts and subcompacts
- Rubber ring holds chaser firmly in socket

	Size	Use with
<b>H1066</b>	Dual Size: <b>14mm and 18mm</b>	Use with 13/16" deepwell socket

**new** CrV

## 5 Piece Magnetic Spark Plug Socket Set

H3704

- Long reach magnetic swivel spark plug socket set
- For hex sizes 5/8", 13/16" and the new 9/16" on Ford® Triton engines
- Made from CrV steel, with a bright hard chrome finish

### Set Includes:

- 3/8" Dr x **9/16" HEX x 2-1/2" (66mm)** Long
- 3/8" Dr x **5/8" HEX x 4" (101.6mm)** Long
- 3/8" Dr x **5/8" HEX x 6" (152.4mm)** Long
- 3/8" Dr x **5/8" HEX x 11" (279.4mm)** Long
- 3/8" Dr x **13/16" HEX x 6" (152.4mm)** Long

### Digital Automotive Multimeter

H3630

- Full-range - performs complete tune-up and troubleshooting tests on all vehicles
- Includes tests such as tach and dwell, fuel injectors, sensors, alternators, spark plug wires, ignition and charging systems, battery condition and cranking voltage
- Easy-to-read digital LCD
- Data hold function
- Computer safe

#### Functions:

DC Volts	200m-2-20-200-1000V
AC Volts	200-750V
DC Amps	20m-200m-10A
OHMS	200-2k-20k-200k
Freq.	20kHz
DWELL	3-4-5-6-8CYL
TACH	3-4-5-6-8CYL (X10rpm)
TEMP	-40° C/-40°F / 1400°C/2552°F
DIODE CHECK	3V/1mA
CONTINUITY	Audible Beep
Transistor hFE	Vce≈3v, 1b≈10μA

#### Features:

- 10M Input Impedance
- Auto reverse polarity
- Auto zero adjust
- Over range Indication
- Overload protection
- Low battery indicator
- Fuse Protection
- 9-Volt power
- Auto power off
- 9V Battery

#### Measuring Range:

200m-2-20-200-1000V
200-750V
20m-200m-10A
200-2k-20k-200k
20kHz
3-4-5-6-8CYL
3-4-5-6-8CYL (X10rpm)
-40° C/-40°F / 1400°C/2552°F
3V/1mA
Audible Beep
Vce≈3v, 1b≈10μA

#### Accessories:

- Colour-coded Test leads
- Inductive spark pickup clamp
- Temperature Probe
- Detailed manual
- Holster



PH 3630-10  
Lead Set

PH 3630-12  
Inductive Clamp





## Mechanics 4-in-1 Pick Set

H1244

- Good quality metal scribes designed at different angles
- Comes complete with 4 picks and one master handle
- Handy storage pouch

## 2-1/4" Round Face Telescopic Mirror

H1105

- Double ball joint links swivel mirror for 360° viewing
- Linkage designed to withstand constant repositioning of mirror, to move freely and yet hold desired position
- Telescoping handle: **9-1/2" - 14"**

## 1" x 2" Oval Face Telescopic Pocket Mirror

H1230

- Double ball adjustment head
- Convenient pocket clip
- Telescoping handle: **6-3/4" - 24-3/4"**

## Large Rectangular Face Telescopic Mirror

H3103

- Double ball joint hinge adjusts to almost any angle
- Handle end has easy grip vinyl coating
- Rectangular mirror: **2-1/8" x 3-3/8"**
- Telescoping handle: **11" - 15-1/2"**

# MAGNETIC PICK-UP TOOLS

## Flexible Pick-Up Tool

H1080

- Bends in any direction to hold or pick-up objects
- Handy squeeze action gives close control
- Mechanical fingers grip securely
- Reach: **15"**

## Adjustable Pocket Telescoping Magnet

H1386

- Extends up to **23"**
- Lifts up to **3-1/2 lbs**

## Long Adjustable Telescoping Magnet

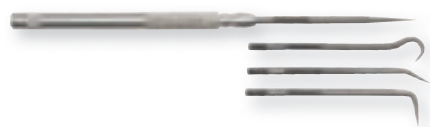
H1122

- This heavy duty "Alnico" magnet will lift many times its own weight
- The flex head gets into tight places
- Bright plated with a comfortable plastic handle
- Shaft telescopes from: **16-3/4" - 26-3/4"**
- Lifts up to: **5 lbs**

## Flexible Magnetic Pick Up Tool

H1229

- Flexible "Alnico" 5 magnetic pickup tool with knurled handle
- Flex shaft holds its set
- Overall length: **21"**
- Diameter: **5/16"**
- Lifts up to: **5-1/2 lbs**





### Bend-It Magnetic Pick-Up Tool

H3086

- **19"** bendable shaft to shape and reshape time and time again
- Retrieves all types of metal objects in those hard to reach areas
- The neodymium iron-boron magnet has out-performed other magnets its size by 4 to 1
- Lifts up to: **1-1/2 lbs**

### Flexible Magnetic Pick-Up Tool with Light

H3511

- Super bright long lasting LED light at the tip means you can see what you need to pick up
- Designed with a **5 lb lifting capacity** rare earth magnet encased in a brass shield, so the force is directed to the target - won't grab peripheral objects
- Thin flexible shaft bends to any angle
- Protective coating on the shaft prevents rust and corrosion
- Reach: **23" (584mm)**
- Includes three button cell batteries, 1.5 volts

### Telescopic Magnetic Pick-Up with Light

H3512

- Super bright long lasting LED light at the tip means you can see what you need to pick up
- Designed with a **5 lb lifting capacity** rare earth magnet encased in a brass shield, so the force is directed to the target - won't grab peripheral objects
- Reach: **7 - 26" (177 - 660mm)**
- Includes three button cell batteries, 1.5 volts



Magnetic end with LED light



## TIRE PRESSURE GAUGES

### Pencil Tire Pressure Gauge - Chrome Plated

H1141

- Quality gauge ensures accuracy, long life and trouble-free performance
- High chrome plated finish
- Calibrated on two sides: **5 - 50 PSI** and metric **40 - 350 kPa**
- Comes with handy pocket clip

### Pencil Tire Pressure Gauge - Metal Body

H3262

- Durable metal chuck and body
- Handy pencil style with pocket clip
- Four sides plastic slide bar
- Range: **5 - 50 PSI** and **40 - 350 kPa**

### Dual Chuck Tire Pressure Gauge - Small

H3162

- Accurately measures from **10 - 120 PSI**. Also calibrated in Kgs
- Chrome plated ABS dual offset heads. Stem enclosed in metal body. Shockproof
- Includes spring pocket clip
- Overall length: **6-3/4"**

## Tire Service



Distributors please note:  
H3262 tire gauges sold  
in an attractive 24 pack  
POP display only





## Dual Chuck Tire Pressure Gauge - Large

**H1503**

- Dual chuck for use on trucks and passenger cars. Will withstand rugged use
- Angled dual chuck to reach inner and outer tire valves
- Indicator bar calibrated **10/200 PSI in 2 lb. increments** and **metric 1/14 Kgs**
- Includes hang up ring
- Overall length: **13"**



Head assembly swivels 360°

Easy to read recessed sight glass

## 360° Swivel Head Truck Tire Pressure Gauge Angle and Straight-On

**H3274**

- Heavy duty truck tire gauge
- Head assembly swivels 360°
- Easy-to-read, recessed sight glass
- Needle holds reading until bleeder valve is released
- High chrome plated finish
- Pressure range: **10 - 120 PSI in 2 lb increments**
- Overall length: **11-7/8"**



Large LED display

## 360° Swivel Head Digital Tire Pressure Gauges

- Simple to operate
- Clear, large LCD display (30mmx 15mm) with built-in backlight
- Audible buzzer
- Replaceable battery (LED), lithium and LR44 alkaline
- Measuring range to **150 PSI**.
- Calibration in PSI, Bar, Kg/cm2 and Kpa.
- Resolution: **0.5 PSI (0.05 Bar or 5Kpa)**
- Accuracy: +/- 1% + 0.5 PSI at 100 PSI and +/- 2% + 0.5 PSI at 150 PSI
- Operating Temperature: **50°F - 86°F (10°C - 30°C)**
- Head assembly swivels 360°
- Straight and 30° reverse angle chuck for monitoring inside and outside dual wheels



Dual read assembly swivels 360°

Large LED display

PROD. NO.

Overall Length

Type

**H3276**

11-7/8" x 7-1/4"

Angled Head Chuck

**H3278**

11-7/8"

Angle and Straight-On



## Dial Type Tire Pressure Gauge

**H3264**

- Needle holds readings until released by pressing relief button
- Zinc Alloy body, all chrome plated with acrylic lens
- Range: **10-100 PSI, in 2 lb increments with metric kPa reading**

# TIRE PRESSURE GAUGES

Tire Service

## Dial Type Tire Pressure Gauge - 12 Piece Counter Display

H3266

- Needle holds readings until released by pressing relief button
- Zinc Alloy body, all chrome plated with acrylic lens
- Range: **10-100 PSI, in 2 lb increments with metric kPa reading**
- Distributors please note: H3266 tire gauges are sold in an attractive 12 pack POP display only



## TIRE VALVE TOOLS

### Valve Core Tool - 4-in-1 Style

H1142

- Removes and replaces tire valve cores, rethreading inside and outside of valve stem
- E-Z out for backing out valve insides when shoulders are broken off
- Made of high grade tempered steel
- Nickel plated



### 5" Valve Core Tool

H1147

- A compact tool with aluminum handle and steel shaft
- Handle provides a sturdy grip
- For standard size valve core
- Overall length: **5"**



### Tire Tread Depth Gauge

H1151

- Accurately determines the amount of tread left on tire
- Brass construction with high chrome plated finish
- 3 sides calibrated in **1/32" increments up to 1" depth**
- 3 sides calibrated in **millimeters in increments up to 25 mm depth**
- Handy pocket clip



### Tubeless Tire Valve Installer/Remover Tool

H1152

- For installing rubber snap-in valve stem in tubeless tire rims on most light duty vehicles
- Notched handle works as lever for pulling tire valve stem into hole on various sizes and types of tubeless wheel rims
- 11" Chrome steel handle with knurled end for positive grip
- Overall length: **12"**



## PLIERS FOR WHEEL WEIGHTS

CrV

### Wheel Weight Pliers with Spring Loaded Handles

H1116

- Remove and install all types of clip-on wheel weights
- Invisible spring loaded handle keeps the jaws in the open position for ease of operation
- Ergonomic handle design with coated grips for comfort
- Built-in cutter to cut wheel weights
- Handle ends have a flat or pointed end for prying or lifting
- Made of Chrome Vanadium steel
- Overall Length: **9-3/4"**





Rubber protected



360° swivel easy to read gauge



H1143



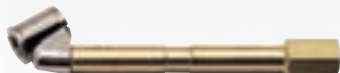
H1145



H1144



H1302



H1301

## AIR INFLATOR GAUGES

### Air Line Inflator with Tire Gauge - Bayonet / Slide Type

H3282

- 2-in-1 tool, inflate and measure tire pressure levels
- Lever action
- Heavy duty construction provides long service life
- Zinc chrome plated body with brass internal parts
- 360° swivel dual foot chuck
- Includes a 1/4" x 12" air hose rated at W.P. 300 PSI
- Range: **10 - 90 PSI in 2 lb increments**

### Air Line Inflator with Tire Gauge - Dial Type

H3284

- 3-in-1 tool, air line inflator and deflator with tire pressure gauge
- Heavy duty construction provides long service life
- 360° swivel easy-to-read gauge with heavy duty rubber gauge head protector
- Includes a 1/4" x 5 foot air hose rated at W.P. 300 PSI with 360° swivel straight safety clip-on air chuck
- 1/4" Female N.P.T.
- Range: **10 - 170 PSI in 2 lb increments**  
**70 - 1200 kPa in 10 lb increments**

## AIR CHUCKS

### Single Face Air Chuck H1143

- Direct air line chuck with shut off valve built-in chuck head
- Thread Size: **1/4" N.P.T.**

### Single Face Air Chuck with Safety Clip H1145

- Direct air line chuck with shut off valve built-into chuck head
- Safety clip holds air chuck to valve stem
- Brass
- Air inlet: **1/4" N.P.T.**

### Straight-On Air Chuck with Safety Clip H1144

- Direct air line chuck with shut off valve built-into chuck head
- Safety clip holds air chuck to valve stem
- Brass
- Thread size: **1/4" N.P.T. female**

### Dual Foot Air Chuck Angle and Straight-On H1302

- 30° angle and straight-on chuck with deep well lock
- Locks onto valve mouth when fitted
- Chrome plated finish
- Brass tube
- Air inlet: **1/4" N.P.T.**
- Overall length: **6-5/8"**

### Dual Foot Air Chuck H1301

- Direct air line chuck with shut off valve built-into chuck head
- Thread Size: **1/4" N.P.T.**
- Overall length: **5-1/4"**





## 11 Piece Pry Removal Tool Set

**H3662**

- These pry tools are designed for the disassembly of door panels, dashboards, fascia, trim strips, bezels, window installation and more
- Specially constructed of impact resistant nylon
- It will not scratch or mar delicate surfaces like some metal versions
- Comes complete in a durable canvas storage roll pouch
- The pouch forms its own standing display or lays flat for easy access to tools while on the job
- Ideal for the automotive, marine, aviation and other industries where surface care is required

### Set Includes:

- **H3662-10** Angled clip panel remover
- **H3662-11** Flat clip panel remover
- **H3662-12** Panel remover
- **H3662-13** Sharp panel remover
- **H3662-14** Straight panel remover
- **H3662-15** Clip panel remover
- **H3662-16** Pull type remover
- **H3662-17** Handy remover
- **H3662-18** Narrow type remover
- **H3662-19** Wide type remover
- **H3662-20** Upholstery remover



## 5 Piece Trim Panel Removal Set

**H3664**

- This set has a variety of popular body trim panel removal tools
- These tools are designed to prevent the trim panel fastener from pulling through the panel
- Ergonomic handle with "SVCM" satin chrome plated steel shafts
- Comes with a reusable storage tray

### Set includes:

- **H3666** Large "V" Notch Tip, Length **9" (228.6mm)**
- **H3668** Small "V" Notch Tip, Length **8-1/4" (209.5mm)**
- **H3670** 1/4" "U" Notch Tip, Length **8-3/4" (222.2mm)**
- **H3672** 5/16" "U" Notch Tip, Length **8-3/4" (222.2mm)**
- **H3674** Square Notch Tip, Length **9-7/8" (250.8mm)**



# WINDOW TOOLS

## Windshield Locking Strip Tool

**H3450**

- Double-ended 90° swivel steel tip - impact resistant body
- Long nose allows access to hard to reach places
- Handle is made from impact resistant material with stainless steel spring



## Ford® Headlight Adjusting Tool

**H3145**

- Fits headlight adjustment screws on Ford®, Lincoln® and Mercury® vehicles with halogen insert bulb headlights
- Special **4mm Hex Socket**





HTA1106



HTA1109



HTA1118



HTA1125



HTA1136



HTA1150



HTA1153



HTA1154



HTA1156

- All gauges are for 12 Volt negative ground systems
- Accurate, reliable gauges, **2-1/16" dual S.A.E. and metric dials**
- Chrome bezels and panels with optional black vinyl decoration supplied
- White print and red pointers on black background. OEM backlit illuminated

### Kit Includes:

- Adaptors and senders to fit most popular applications. Full installation instructions
- OHMS RATING FOR OIL PRESSURE GAUGES: 0 PSI = 225 - 259 OHMS, 50 PSI = 93 - 113 OHMS, 100 PSI = 30 - 38 OHMS
- OHMS RATING FOR ELECTRICAL TEMPERATURE GAUGES: Room Temp = 1,730 OHMS, 130°F = 528 OHMS, 190°F = 165 OHMS, 290°F = 36 OHMS

PROD. NO.	Description	Range	Sweep	Includes
<b>HTA1106</b>	Ammeter	60-0-60+	90°	—
<b>HTA1109</b>	Voltmeter	8-16 Volts	90°	—
<b>HTA1118</b>	Mechanical Water Temperature - 66° Capillary Tube	130°-280°	90°	1/2" and 3/8" N.P.T. Adaptors
<b>HTA1125</b>	Wide Sweep Mechanical Water Temperature - 66° Capillary Tube	130°-280°	270°	1/2" and 3/8" N.P.T. Adaptors
<b>HTA1136</b>	Electrical Water or Oil Temperature	130°-290°	90°	Sender Unit
<b>HTA1144</b>	Mechanical Oil Pressure	0-80 PSI	90°	72" Nylon Tube with Adaptors
<b>HTA1150</b>	Wide Sweep Mechanical Oil Pressure	0-100 PSI	270°	72" Nylon Tube with Adaptors
<b>HTA1153</b>	Electrical Oil Pressure	0-100 PSI	90°	Sender Unit
<b>HTA1154</b>	Manifold Vacuum	0-25 lbs	270°	72" Plastic Tube with Adaptors
<b>HTA1156</b>	Mechanical Water Temperature - 96° Capillary Tube	130°-280°	90°	1/2" and 3/8" N.P.T. Adaptors



HTA1216 (HTA1118, HTA1144)



HTA1308 (HTA1106, HTA1118, HTA1144)

PROD. NO.

<b>HTA1216</b>	Dual Oil Pressure and Water Temperature Gauge Kit
<b>HTA1308</b>	Triple Ammeter, Oil Pressure and Water Temperature Gauge Kit

- Designed for heavy duty and marine applications
- Cross coil torque meter and oil dampened needle movements ensure steady readings
- Built with non-corrosive, durable plastic cases, with a water resistant seal and stainless steel bezels
- **2-1/16" diameter**

### Kit Includes:

- Electrical gauges
- 12 Volt negative ground systems
- OEM backlit illuminated
- Mounting hardware and installation instruction (no connection wires)
- Sender thread 1/8 - 20 N.P.T.

PROD. NO.	Description	Range	Sweep	Includes
<b>HTA1000</b>	Hour Meter - Rear Mount	0-99999.9	—	—
<b>HTA1401</b>	Electrical Oil Pressure	0-100 PSI	180°	Sender Unit
<b>HTA1402</b>	Electrical Water Pressure	100°-280°	180°	Sender Unit
<b>HTA1403</b>	Voltmeter	8-16 Volts	180°	—
<b>HTA1404</b>	Fuel Level Gauge	—	180°	—



HTA1401



HTA1000



HTA1402



HTA1404



HTA1403



HTA1831



HTA1833



HTA1835 (Includes HTA1831, HTA1833, HTA1834)



HTA1832



HTA1834

## EASY-READ GAUGE KITS WHITE FACE

- **2-1/16" dials**
- OEM backlit illuminated
- S.A.E. and metric readings
- Wide sweep for accurate readings
- Black deluxe panels and bezels
- For all 12 Volt negative ground systems

### Kit Includes:

- Adaptors, installation hardware, instructions and lighting

PROD. NO.	Description	Range	Sweep	Includes
<b>HTA1831</b>	Mechanical Oil Pressure	0-100 PSI	270°	Sender Unit
<b>HTA1832</b>	Ammeter	-60-0-60+	90°	—
<b>HTA1833</b>	Voltmeter	8-16 Volts	90°	—
<b>HTA1834</b>	Mechanical Water Temperature	130°-280°	270°	Sender Unit
<b>HTA1835</b>	Triple Voltmeter, Water Temperature & Oil Pressure Gauge Set			



HTA1820



HTA1819



HTA1830

- 0-8,000 RPM
- 270° sweep
- Illuminated
- Red adjustable kit pointer
- All metal case
- Wide chrome plated bezel
- Heavy duty cross-coil meter
- 360° universal mounting
- Works on 12 Volt conventional or electronic ignition systems
- For 4, 6 or 8 cylinder applications
- Hardware and instructions



PROD. NO.	Size	Description
<b>HTA1819</b>	2" Dial Compact Tachometer	White Print and Red Pointer on Black Background
<b>HTA1820</b>	3-1/2" Dial Tachometer	White Print and Red Pointer on Black Background
<b>HTA1830</b>	Easy-Read 3 1/2" Dial Tachometer	Easy Read, Black Print and Pointer on White Background

## HTA SERIES REPLACEMENT PARTS

PROD. NO.	Description
<b>HTA1108A</b>	12 Volt Bulb for all 2 1/16" Gauges
<b>HTA1118A</b>	1/2" adaptor-Mech. Water Temp
<b>HTA1118B</b>	3/8" adaptor-Mech. Water Temp.
<b>HTA1136A</b>	Metric Fittings - Mech. Temp. Gauges
<b>HTA1136B</b>	Sending Unit Kit Elect. Temp.
<b>HTA1136C</b>	1/8" x 1/4" adaptor - Elect. Temp.
<b>HTA1144A</b>	Oil Press. Kit, 72" tube and adaptors
<b>HTA1144B</b>	Oil Press. Kit, 144" tube and adaptors
<b>HTA1144C</b>	5/16"F x 1/8" M Oil Pressure adaptor
<b>HTA1146A</b>	Metric Fitting Kit
<b>HTA1152A</b>	Elect. Oil Press. Sender for HTA1153
<b>HTA1312A</b>	2-16" Chrome Single Gauge Panel Bezel
<b>HTA1312B</b>	2-16" Chrome Dual Gauge Panel Bezel
<b>HTA1312C</b>	2-16" Chrome Triple Gauge Panel Bezel

## ELECTRICAL FUEL LEVEL GAUGE KIT

### Electrical Fuel Level Gauge Kit

HTA1117

- Adjustable. Fits tanks 5" to 27" in depth, right or left hand swing
- Gauge design appearance and size are the same as our standard chrome series gauges
- For 12 Volt negative ground system

#### Kit Includes:

- Gauge, panel and sender. OHMS rating empty-240 OHMS, FULL-33 OHMS







# Metal / Wood Working Machinery

BENCH GRINDERS

DRILL PRESSES

METAL BANDSAWS

DUST COLLECTOR

Our metal working machinery is  
CSA approved and backed by our  
2 year limited warranty



PG. 257




**2**  
YEAR  
WARRANTY


ABRASIVES, WIRE WHEELS AND CUTTING TOOLS

 Please consult our **Abrasives** catalogue or  
visit our website at [www.jetequipment.com](http://www.jetequipment.com)

- Heavy duty construction for maximum service life
- CSA electrics for safety and reliability
- All ball bearing construction
- Steel wheel covers with rear dust exhaust ports
- Easy to adjust steel tool rests
- Eye shields and spark guards for operator safety
- Rubber feet on base for reduced vibration
- Includes coarse and medium grinding wheels

**Heavy Duty**

PROD. NO. MOD. NO.	<b>240153</b> BGC-6	<b>240154</b> BGC-8
<b>Motor</b>	1/3HP, 1Ph, 115V	1/2HP, 1Ph, 115V
<b>Amperage</b>	3.5, 60Hz	5, 60Hz
<b>R.P.M.</b>	3,450	3,600
<b>ArborS size</b>	1/2"	5/8"
<b>WheelS size</b>	6" x 3/4" x 1/2"	8" x 1" x 5/8"
<b>Product Weight</b>	26 lbs	39 lbs
<b>Shipping Weight</b>	28 lbs	42 lbs



## OPTIONAL ACCESSORIES

**JET Premium Wire Wheels**

PROD. NO.	MOD. NO.	Dia.	Min Face Width	Centre Hole	Maximum R.P.M.	Wire Dia. & Type
<b>550121</b>	101F-2M	<b>6"</b>	7/8"	1/2" - 5/8" - 2"	6,000	.014" <b>M</b>
<b>550123</b>	101F-2F	<b>6"</b>	7/8"	1/2" - 5/8" - 2"	6,000	.007" <b>F</b>
<b>550124</b>	101F-3C	<b>6"</b>	1"	1/2" - 5/8" - 2"	6,000	.020" <b>C</b>
<b>550125</b>	101F-3M	<b>6"</b>	1"	1/2" - 5/8" - 2"	6,000	.014" <b>M</b>
<b>550141</b>	101G-2C	<b>8"</b>	7/8"	1/2" - 5/8" - 2"	4,500	.020" <b>C</b>
<b>550142</b>	101G-2M	<b>8"</b>	7/8"	1/2" - 5/8" - 2"	4,500	.014" <b>M</b>
<b>550143</b>	101G-2F	<b>8"</b>	7/8"	1/2" - 5/8" - 2"	4,500	.007" <b>F</b>

**F** = Fine

**M** = Medium

**C** = Coarse

550125

522263


**General Purpose Grinding Wheels**

PROD. NO.	MOD. NO.	Size	Grit	Maximum R.P.M.
<b>522163</b>	A675C	<b>6" x 3/4" x 1"</b>	<b>36</b>	4,138
<b>522164</b>	A675M	<b>6" x 3/4" x 1"</b>	<b>46</b>	4,138
<b>522165</b>	A675F	<b>6" x 3/4" x 1"</b>	<b>60</b>	4,138
<b>522173</b>	A610C	<b>6" x 1" x 1"</b>	<b>36</b>	4,138
<b>522174</b>	A610M	<b>6" x 1" x 1"</b>	<b>46</b>	4,138
<b>522175</b>	A610F	<b>6" x 1" x 1"</b>	<b>60</b>	4,138
<b>522176</b>	A610EF	<b>6" x 1" x 1"</b>	<b>80</b>	4,138
<b>522263</b>	A875C	<b>8" x 3/4" x 1"</b>	<b>36</b>	3,600
<b>522264</b>	A875M	<b>8" x 3/4" x 1"</b>	<b>46</b>	3,600
<b>522265</b>	A875F	<b>8" x 3/4" x 1"</b>	<b>60</b>	3,600
<b>522273</b>	A810C	<b>8" x 1" x 1"</b>	<b>36</b>	3,600
<b>522274</b>	A810M	<b>8" x 1" x 1"</b>	<b>46</b>	3,600
<b>522275</b>	A810F	<b>8" x 1" x 1"</b>	<b>60</b>	3,600

80 Grit = Extra Fine   36 Grit = Coarse   46 Grit = Medium   60 Grit = Fine

### 13-1/2" 3/4 HP 16 Speed Drill Presses

- Powerful 3/4 horse power motor
- 16 speed capability allows for a broad assortment of drilling applications
- Safety on/off switch with removable lock-out key
- Fully hinged belt and pulley cover and fully adjustable motor mount permit fast changes of spindle speed
- Worktable with quick release clamp rotates and tilts to 45° right and left
- Slots in worktable and base permit easy clamping of the work piece
- Positive depth setting mechanism uses a threaded rod and two lock nuts for accuracy
- Built-in work lamp with separate switch (bulb not included)

**Standard Equipment:** Drill chuck and key



PROD. NO. MOD. NO.	<b>200225</b> JDP-13	<b>200275</b> JDP-13F
<b>Swing</b>	<b>13-1/4"</b>	<b>13-1/4"</b>
<b>Type</b>	Bench Top	Floor Model
<b>Chuck Size</b>	5/8"	5/8"
<b>Drilling Capacity</b>	5/8"	5/8"
<b>Spindle Travel</b>	3-1/8"	3-1/8"
<b>Spindle Distance to Base</b>	24"	48-3/4"
<b>Spindle Distance to Table (Maximum)</b>	17-1/2"	31-1/2"
<b>Table Size (Diameter)</b>	11-3/8"	11-3/8"
<b>Table Tilt (Right and Left)</b>	0° - 45°	0° - 45°
<b>Spindle Taper</b>	MT2	MT2
<b>Column Diameter</b>	2-7/8"	2-7/8"
<b>Number of Spindle Speeds</b>	16	16
<b>Range of Spindle Speeds</b>	195-3,500 RPM	195-3,500 RPM
<b>Overall Height</b>	38-1/2"	61-5/8"
<b>Bases Size</b>	10" x 16-1/2"	10" x 16-1/2"
<b>Motor</b>	3/4HP, 1PH, 115/230V 5.2/2.6 Amps, Pre-wired 115V	3/4HP, 1PH, 115/230V 5.2/2.6 Amps, Pre-wired 115V
<b>Product Weight</b>	94 lbs	107 lbs
<b>Shipping Weight</b>	99 lbs	112 lbs



200225



200275

**17" 1 HP 16 Speed Drill Press**

- Powerful 1 horse power motor
- Full 17" swing for easy drilling of larger work pieces
- 16 speed capability allows for a broad assortment of drilling applications
- Safety on/off switch with removable lock key
- Fully hinged belt and pulley cover and quick adjust motor mount permit fast changes of spindle speed
- Worktable with quick release clamp rotates and tilts to 45° right and left
- Slots in worktable and base permit easy clamping of the work piece
- Positive depth setting mechanism uses a threaded rod and two lock nuts for accuracy
- Built-in work lamp with separate switch (bulb not included)

**Standard Equipment:** Drill chuck and key



**2** YEAR  
WARRANTY

PROD. NO. MOD. NO.	<b>200278</b> JDP-17F
<b>Swing</b>	<b>17"</b>
<b>Type</b>	Floor Model
<b>Chuck Size</b>	5/8"
<b>Drilling Capacity</b>	5/8"
<b>Spindle Travel</b>	3-1/4"
<b>Spindle Distance to Base</b>	48-3/8"
<b>Spindle Distance to Table (Maximum)</b>	28"
<b>Table Size (Diameter)</b>	13-3/4"
<b>Table Tilt (Right and Left)</b>	0° - 45°
<b>Spindle Taper</b>	MT2
<b>Column Diameter</b>	3-1/8"
<b>Number of Spindle Speeds</b>	16
<b>Range of Spindle Speeds</b>	220-3,380 RPM
<b>Overall Height</b>	64-1/2"
<b>Base size</b>	12" x 19-3/4"
<b>Motor</b>	1HP, 1Ph, 115/230V 8.5/4.25 Amps, Pre-wired 115V
<b>Product Weight</b>	176 lbs
<b>Shipping Weight</b>	184 lbs





## 22" 1-1/2 HP 12 Speed Drill Press

- Powerful 1-1/2 horse power motor
- Full 22" swing for easy drilling of larger work pieces
- 12 speed capability allows for a broad assortment of drilling applications
- Safety on/off switch with removable lock key
- Fully hinged belt and pulley cover and quick adjust motor mount permit fast changes of spindle speed
- Worktable with quick release clamp rotates and tilts to 45° right and left
- Slots in worktable and base permit easy clamping of the work piece
- Positive depth setting mechanism uses a threaded rod and two lock nuts for accuracy
- Built-in work lamp with separate switch (use outdoor rated bulb, not included)

**Standard Equipment:** Drill chuck and key



**2** YEAR WARRANTY



PROD. NO. MOD. NO.	<b>200357</b> JDP-22F
Swing	<b>22"</b>
Type	Floor Model
Chuck Size	3/4"
Drilling Capacity	1-1/4"
Spindle Travel	4-1/2"
Spindle Distance to Base	49"
Spindle Distance to Table (Maximum)	29"
Table Size (Diameter)	16-1/2" x 18-3/4"
Table Tilt (Right and Left)	0° - 45°
Spindle Taper	MT3
Column Diameter	3-5/8"
Number of Spindle Speeds	12
Range of Spindle Speeds	180-4,200 RPM
Overall Height	69-1/4"
Base Size	19-5/8" x 22-1/2"
Motor	1.5HP, 1Ph, 115/230V 10.0/5.0 Amps, Pre-wired 115V
Product Weight	353 lbs
Shipping Weight	373 lbs

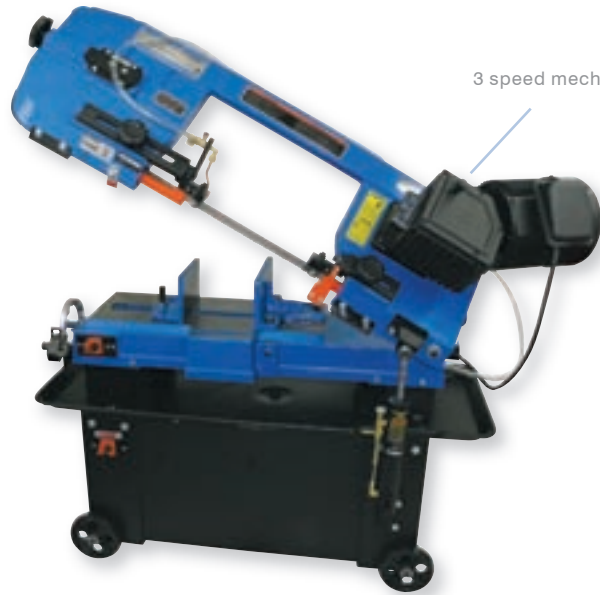
**4" x 6" 1/3 HP 3 Speed Belt Drive Bandsaw**

- Sturdy cast iron saw frame and base
- 1/3 HP motor shuts off automatically when the workpiece is cut through
- Three speeds permit cutting of most materials including metal, plastic and wood
- Designed for horizontal and vertical cutting
- Vise permits mitre cuts to 45° and features a scale for accuracy
- Two wheels and handle permit easy movement
- Convenient shelf mounts under base

**2 YEAR  
WARRANTY**

**Standard Equipment:** blade; stand; wheels; shelf; vertical work table; material stop; vise

PROD. NO. MOD. NO.	<b>222326</b> JHVB-46
<b>Capacity</b> 9 0°	4-1/2" ● 4" x 6" ■
<b>Blade Size</b>	1/2" x 0.025" x 64-1/2"
<b>Vertical Work Table</b>	7" x 8"
<b>Vise Tilts</b>	45°
<b>Blade Speeds (SFPM)</b>	80, 120, 220
<b>Motor</b>	1/3 HP, 1Ph, 115 Volt, 1,725 RPM
<b>Shipping Dimensions</b>	40-1/2" x 12-3/4" x 15-3/4"
<b>Net Weight (approx.)</b>	134 lbs
<b>Shipping Weight (approx.)</b>	140 lbs



3 speed mechanical gearbox

**7" x 12" 1 HP 3 Speed Gearbox Bandsaw**

- Heavy duty cast iron construction for accuracy and durability
- Three speed gear box replaces less efficient belt drive systems found on most comparable machines
- Horizontal cutting feed rate controlled by a fully adjustable hydraulic ram
- Coolant delivery system provides fast cutting while extending the service life of the blade and the saw
- Quiet cutting, rated within 70 decibels
- Easy cleaning with removable filter screen
- Automatic shut-off system stops the machine when the stock is cut through
- Quick action vise adjusts from 90° to 45° for mitre cutting
- Cuts up to 7" round stock and up to 7" by 12" rectangular stock
- Full 1HP, single phase motor
- Complete with four wheels for mobility

**2 YEAR  
WARRANTY**

PROD. NO. MOD. NO.	<b>222332</b> JHVG-712
<b>Capacity</b> 9 0°	7" ● 7" x 12" ■
<b>Capacity</b> 4 5°	4" ● 5" x 6" ■
<b>Throat Depth</b>	7"
<b>Blade Size</b>	3/4" x 0.032" x 93"
<b>Vertical Work Table</b>	9-1/2" x 10"
<b>Vise Tilts</b>	45°
<b>Blade Speeds (SFPM)</b>	125, 215, 270
<b>Floor Space Required</b>	49-1/2" x 17-1/2"
<b>Motor</b>	1 HP, 1Ph, 115/230 Volt Pre-wired 115V; 1,720 RPM
<b>Shipping Dimensions</b>	51" x 18" x 40"
<b>Net Weight (approx.)</b>	318 lbs
<b>Shipping Weight (approx.)</b>	345 lbs



**2** YEAR WARRANTY

### 9" x 16" 1-1/2 HP 4 Speed Belt Drive Bandsaw

- Designed for industrial use, this saw features a heavy duty steel and cast iron saw frame
- One piece cast iron saw bed
- Enclosed base, welded for strength
- Precision cast 13" blade wheels
- Coolant system includes: pump and reservoir; fully adjustable delivery nozzles at front and rear blade guides; coolant pick-up port in the drive wheel housing; quick-check gauge for coolant level
- Removable chip tray for easy cleaning
- Totally enclosed 1-1/2HP fan cooled motor with 24 volt controls
- Four speed belt drive system
- Hydraulically controlled feed rate with micro adjust switch
- Automatic shut-off limit switch
- Blade guide system consists of ball bearing thrust roller, ball bearing blade guides and tungsten carbide slides
- Moveable left blade guide arm adjusts from 16" to 7" capacity
- Quick set vise adjusts for 90° to 45° angle cuts
- Material stop with 24" capacity
- Each machine factory tested and set

**Standard Equipment:** variable pitch blade; blade chip brush; coolant system; tool kit; quick set vise and material stop

PROD. NO.  
MOD. NO.

**222335**  
JHBS-916

<b>Capacity</b> 9 0°	9" ● 4" x 16" - 9" X 12" ■
<b>Capacity</b> 4 5°	6-1/2" ● 9" X 6-1/8" ■
<b>Throat</b> Depth	9"
<b>Blade</b> Size	1" x 0.032 x 119-1/2"
<b>Blade</b> Speeds (SFPM)	82, 132, 170, 235
<b>Bed</b> Height	25"
<b>Floor</b> Space Required	65" x 28"
<b>Motor</b> (TEFC)	1-1/2HP, 1PH, 230V complete with 24V control panel
<b>Vise</b> Swivels	45°
<b>Wheel</b> Diameter	13"
<b>Net</b> Weight (approx.)	627 lbs
<b>Shipping</b> Weight	704 lbs



**2** YEAR  
WARRANTY

### High Air Flow Woodworking

- Industrial quality motor and construction to effectively handle the collection of wood chips and sawdust
- Single-stage design allows economical, quiet operation and easy cleaning
- Four casters stabilize unit and allow total mobility
- Industrial controls are designed for years of trouble-free operation
- Powerful, single phase motor is permanently lubricated, totally enclosed, fan-cooled and is continuous-duty rated
- Features welded and sealed joints throughout
- Improved metal impellers are precision balanced and run on long lasting bearings extending tool life
- Super high air flow volumes keep your air cleaner and safer than competing brands
- Higher static pressure rating and velocity capacity
- Bigger bags offer more capacity and better filtration. Top bag is rated at 20 microns, bottom bag is rated at 30 microns, offering optimum air flow efficiency; bottom bags offer see-through window
- Long lasting steel straps ensure secure bags

**Standard Equipment:** 20 micron filter bag; 30 micron collector bag; wheel casters; steel straps to secure bags; connecting hose not included.  
– JDC-830: Single (4") hose connection

**Optional Accessories:** 912805 FB830 Filter Bag;  
912807 CB830 Collector Bag

PROD. NO.  
MOD. NO.

**252926**  
JDC-830

<b>Blower Wheel (Diameter)</b>	10"
<b>Sound Rating @ 3ft. (dB)</b>	60-70
<b>Diameter of Hose Connections</b>	1 Hose 4"
<b>Bag Diameter</b>	14-1/2"
<b>Bag Length</b>	24-1/4"
<b>Filter Bag (top bag)</b>	20 micron
<b>Collector Bag (bottom bag)</b>	30 micron
<b>Collector Bag Capacity complete with see-through panel:</b>	20 USG
<b>Air Flow @ 4</b>	830
<b>Static Pressure (Inch of Water)</b>	7.2
<b>Velocity @ 4</b>	9,446
<b>Overall Dimensions (L x W x H)</b>	31-1/2" x 16-1/2" x 61"
<b>4C asters</b>	Yes
<b>Motor continuous duty rated (TEFC)</b>	1HP, 1Ph, 115/230V Pre-wired 115V





# Tool Storage

PORTABLE TOOL BOXES

CHESTS AND ROLLER CABINETS

JOB SITE TOOL STORAGE

TOOL BOX ACCESSORIES



842142

842143

842144



842152

842153

842154



842104

842124

842134



## Plastic – Standard Duty

- Extra thick walls stand up to heavy loads
- Resists scratches and dents, won't rust
- Removable tool tray
- Steel hinge pins for long service life
- 19" and 22" models feature bolt-through carrying handles for extra heavy loads
- Recessed handle for easy storage and transport
- V-groove on lid holds small parts
- Twin heavy duty buckles distribute weight evenly
- Can be padlocked for security

PROD. NO.	MOD. NO.	Width	Depth	Height	TrayS ize
<b>842142</b>	JPTB-16	<b>16"</b>	8"	7-1/2"	13-1/2 x 5"
<b>842143</b>	JPTB-19	<b>19"</b>	9"	8"	16-1/4 x 6"
<b>842144</b>	JPTB-22	<b>22"</b>	10-1/4"	9-1/2"	19 x 7-1/4"

## Stainless Steel / Plastic – Heavy Duty

- Combination of stainless steel and plastic components offers great strength with low weight
- Will not rust
- Removable tool tray
- Steel hinge pins for long service life
- Recessed handle for easy storage and transport
- Twin heavy duty steel buckles distribute weight evenly
- Can be padlocked for security

PROD. NO.	MOD. NO.	Width	Depth	Height	TrayS ize
<b>842152</b>	JPSTB-15	<b>15"</b>	6-1/4"	7"	13-1/2" x 4-1/2"
<b>842153</b>	JPSTB-20	<b>20"</b>	9-5/8"	8-7/8"	18" x 6-1/2"
<b>842154</b>	JPSTB-22	<b>22-1/2"</b>	11"	10-3/4"	21" x 8"

## Metal - Heavy Duty

- Heavy gauge powder coated steel for durability
- Rust resistant plated buckles
- Pad lock or key lock

PROD. NO.	MOD. NO.	Width	Depth	Height	Overall Weight
<b>842104</b>	TB21	<b>21"</b>	8-3/4"	9"	11 lbs
<b>842105</b>	TB26	<b>26"</b>	8-3/4"	9"	14 lbs
<b>842124</b>	TB21-3	<b>21"</b>	8-3/4"	12"	23 lbs
<b>842134</b>	CTB21-4	<b>21-1/4"</b>	8-3/4"	12"	16 lbs



### SUMO® Series

- SUMO® Series tool storage for professional applications
- Double wall steel construction with reinforced bottom channel on cabinets
- Ball bearing slides on all drawers
- Extruded aluminum drawer pulls
- Heavy duty castors
- Larger chests complete with gas struts for easy opening (42" and 56" only)
- All models complete with drawer liners

### SUMO® Series Mechanic's Chest

#### 27" x 18"

6 DRAWERS

842553 / SMC2706

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	26"	17-7/8"	18-5/16"	38 lbs
6 DRAWERS	23"	16"	2"	

Maximum Load Per Drawer: 75 lbs

### SUMO® Series Roller Cabinets

#### 27" x 18"

7 DRAWERS

842503 / SRC2707

	Width	Depth	Height	Overall Weight	Wheels
<b>OVERALL</b>	27"	18-3/4"	35-5/8"	97 lbs	5" x 1-1/4"
4 DRAWERS	23"	16"	2"		2 Swivel
2 DRAWERS	23"	16"	4-1/4"		2 Rigid
1 DRAWER	23"	16"	6-7/16"		

Maximum Load Per Drawer: 75 lbs

# SUMO®

842553



842503



## SUMO® Series Mechanic's Chest

## 42" x 16"

10 DRAWERS

842563 / SMC4210

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	40-7/8"	16"	19-1/4"	121 lbs
3 DRAWERS	22-1/2"	14"	1-3/4"	
2 DRAWERS	22-1/2"	14"	3-3/4"	
3 DRAWERS	12-1/8"	14"	1-3/4"	
2 DRAWERS	12-1/8"	14"	3-3/4"	

## 56" x 24"

6 DRAWERS

842573 / SMC5606

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	55-1/2"	23-7/8"	19-1/8"	225 lbs
2 DRAWERS	34-5/8"	21-7/8"	4-1/2"	
2 DRAWERS	34-5/8"	21-7/8"	1-5/8"	
1 DRAWER	15-3/8"	21-7/8"	3-5/8"	
1 DRAWER	15-3/8"	21-7/8"	8-3/4"	

Maximum Load Per Drawer: 100 lbs

Maximum Load Per Drawer: 100 lbs

842563

842513



SUMO®

842573

842523



## SUMO® Series Roller Cabinets

## 42" x 18"

11 DRAWERS

842513 / SRC4211

	Width	Depth	Height	Overall Weight	Wheels
<b>OVERALL</b>	41-1/2"	18"	39-7/8"	197 lbs	5" x 2"
5 DRAWERS	21-7/8"	15"	2-1/4"		2 Swivel
1 DRAWER	21-7/8"	15"	4-7/8"		2 Rigid
1 DRAWER	36-1/2"	15"	3-7/8"		
2 DRAWERS	12"	15"	2-1/4"		
1 DRAWER	12"	15"	4-7/8"		
1 DRAWER	12"	15"	7-1/2"		

Maximum Load Per Drawer: 100 lbs

## 56" x 24"

10 DRAWERS

842523 / SRC5610

	Width	Depth	Height	Overall Weight	Wheels
<b>OVERALL</b>	56-3/8"	24"	39-1/2"	359 lbs	5" x 2"
1 DRAWER	51-3/8"	20-15/16"	3-1/2"		4 Swivel
2 DRAWERS	34-1/8"	20-15/16"	1-11/16"		2 Rigid
2 DRAWERS	34-1/8"	20-15/16"	3-5/8"		
1 DRAWER	34-1/8"	20-15/16"	4-1/4"		
3 DRAWERS	15"	20-15/16"	1-11/16"		
1 DRAWER	15"	20-15/16"	11-1/8"		

Maximum Load Per Drawer: 100 lbs



## SUMO® Series Side Lockers

- Tall side lockers offer storage for larger tools too high for regular drawers
- Full height design for use with cabinet and chest combinations
- Both lockers include 2 adjustable shelves
- 42" series locker includes one roller bearing drawer
- Designed for use with SUMO® Tool Storage units only

### 42"

SIDE LOCKER

842542 / SL4202

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	15-1/2"	18-1/4"	52"	72 lbs
2 SHELVES	15-1/8"	16-3/4"	3/4"	
1 DRAWER	11-1/8"	15-1/4"	2-3/8"	

Side locker for SRC4211

### 56"

SIDE LOCKER

842543 / SL5602

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	15-1/2"	24"	51"	66 lbs
2 SHELVES	14-7/8"	22-3/8"	5/8"	

Side locker for SRC5610

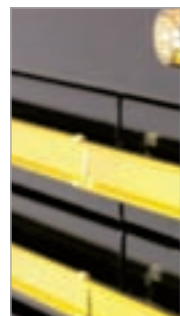
# SUMO®



842543

## Black &amp; Gold Series Mechanic's Chests

- Ball bearing slides on all drawers
- Extra heavy gauge steel construction
- Double walls for maximum strength and weight capacity
- Reinforced base and heavy duty castors on all roller cabinets
- Tool tray included with every 27" top chest
- Nickel plated gold look side handles
- Anti-slip drawer liners
- Protective top mat on roller cabinets
- Push-Lock safety drawers stay closed when moving

**26" x 12"**

6 DRAWERS

842652 / MC2606-BG

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	26"	12"	14-1/2"	49.5 lbs
3 DRAWERS	6-3/4"	10-7/16"	1-7/8"	
2 DRAWERS	22-5/8"	10-7/16"	1-7/8"	
1 DRAWER	22-5/8"	10-7/16"	2-7/16"	

Maximum Load Per Drawer 75 lbs

**26" x 12"**

9 DRAWERS

842654 / MC2609-BG

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	26"	12"	16-1/2"	57 lbs
6 DRAWERS	6-3/4"	10-7/16"	1-7/8"	
2 DRAWERS	22-5/8"	10-7/16"	1-7/8"	
1 DRAWER	22-5/8"	10-7/16"	2-7/16"	

Maximum Load Per Drawer 75 lbs



## Black &amp; Gold Series Mechanic's Chest

**26" x 16"**

6 DRAWERS

842653 / MC2606D-BG

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	26"	15-7/8"	18-3/4"	72.4 lbs
5 DRAWERS	22-1/2"	14-3/8"	1-7/8"	
1 DRAWER	22-1/2"	14-3/8"	2-3/8"	

Maximum Load Per Drawer 75 lbs

### Black & Gold Series Roller Cabinets

#### 27" x 18"

5 DRAWERS

842602 / RC2705-BG

	Width	Depth	Height	Overall Weight	Wheels
<b>OVERALL</b>	27"	18-5/16"	31-5/16"	90 lbs	5"
3 DRAWERS	23"	14-7/8"	2-7/8"		2 swivel
2 DRAWERS	23"	14-7/8"	6"		2 rigid

Maximum Load Per Drawer 75 lbs

#### 27" x 18"

7 DRAWERS

842604 / RC2707-BG

	Width	Depth	Height	Overall Weight	Wheels
<b>OVERALL</b>	27"	18-5/16"	37-5/8"	110 lbs	5"
5 DRAWERS	23"	14-7/8"	2-7/8"		2 swivel
2 DRAWERS	23"	14-7/8"	6"		2 rigid

Maximum Load Per Drawer 75 lbs



#### 41" x 18"

16 DRAWERS

842614 / RC4116-BG

	Width	Depth	Height	Overall Weight	Wheels
<b>OVERALL</b>	41-1/8"	18-5/16"	39-5/8"	232 lbs	5"
1 DRAWER	22"	15"	4-7/8"		2 swivel
1 DRAWER	12-1/4"	15"	4-7/8"		2 rigid
7 DRAWERS	22"	15"	2-7/16"		
7 DRAWERS	12-1/4"	15"	2-7/16"		

Maximum Load Per Drawer 100 lbs



**new**

## Black &amp; Gold Series Mechanic's Chests

## 41" x 18"

14 DRAWERS

842663 / MC4114-BG

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	40-5/16	16"	19-1/8"	137 lbs
9 DRAWERS	6-3/4"	14-1/8"	1-7/8"	
2 DRAWERS	22-5/8"	14-1/8"	1-7/8"	
1 DRAWER	22-5/8"	14-1/8"	2-7/16"	
2 DRAWERS	12-3/16"	14-1/8"	5-1/2"	

Maximum Load Per Drawer 100 lbs

## 56" x 24"

9 DRAWERS

842673 / MC5609-BG

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	55-1/2"	23-7/8"	19-3/8"	225 lbs
7 DRAWERS	25-1/8"	22"	1-7/8"	
1 DRAWER	25-1/8"	22"	4-1/2"	
1 DRAWER	25-1/8"	22"	6-1/2"	

Maximum Load Per Drawer 100 lbs



842663



842613

842673



842623

## Black &amp; Gold Series Roller Cabinets

## 41" x 18"

10 DRAWERS

842613 / RC4110-BG

	Width	Depth	Height	Overall Weight	Wheels
<b>OVERALL</b>	41-1/8"	18-3/8"	39-1/2"	217 lbs	5"
7 DRAWERS	22"	15"	2-7/16"		2 swivel
1 DRAWER	22"	15"	4-7/8"		2 rigid
2 DRAWERS	15-7/8"	15"	2-7/16"		

Maximum Load Per Drawer 100 lbs

## 56" x 24"

13 DRAWERS

842623 / RC5613-BG

	Width	Depth	Height	Overall Weight	Wheels
<b>OVERALL</b>	56"	24"	39-1/2"	446 lbs	5"
10 DRAWERS	24-1/2"	21-1/8"	2-7/16"		2 swivel
2 DRAWERS	24-1/2"	21-1/8"	5"		4 rigid
1 DRAWER	51-5/8"	21-1/8"	3-5/8"		

Maximum Load Per Drawer 100 lbs

See page 213 for 41" x 18" 16 Drawer Roller Cabinet



## Pro Series Mechanic's Chests

- Two piece friction slides provide long service life
- Full width drawer pulls for comfortable, easy operation
- Full width / full height double wall construction for superior rigidity
- Rear locking mechanism provides maximum security
- Canadian built using the best quality domestic steel for maximum storage capacity without the risk of bending under heavy loads



**26" x 12"**

6 DRAWERS

**842252 / MC26-6**

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	26"	12"	14-1/2"	55 lbs
3 DRAWERS	7"	10-1/2"	2"	
2 DRAWERS	23"	10-1/2"	2"	
1 DRAWERS	23"	10-1/2"	2-1/2"	

Maximum Load Per Drawer 75 lbs



**26 x 18"**

12 DRAWERS

**842254 / MC26-12**

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	26"	17-7/8"	20-1/2"	105 lbs
9 DRAWERS	7"	16"	2"	
2 DRAWERS	23"	16"	2"	
1 DRAWER	23"	16"	4-1/4"	

Maximum Load Per Drawer 75 lbs

## Pro Series Roller Cabinets



**27" x 18"**

5 DRAWERS

**842202 / RC27-5**

	Width	Depth	Height	Overall Weight	Wheels
<b>OVERALL</b>	27"	18-3/4"	35-5/8"	109 lbs	5" x 1-1/4"
4 DRAWERS	23"	16"	4-1/4"		2 swivel
1 DRAWER	23"	16"	6-7/16"		2 rigid

Maximum Load Per Drawer 75 lbs



**27" x 18"**

11 DRAWERS

**842204 / RC27-11**

	Width	Depth	Height	Overall Weight	Wheels
<b>OVERALL</b>	27"	18-3/4"	42-3/8"	151 lbs	5" x 2"
4 DRAWERS	11"	16"	2"		2 swivel
4 DRAWERS	23"	16"	2"		2 rigid
2 DRAWERS	23"	16"	4-1/4"		
1 DRAWER	23"	16"	8-1/2"		

Maximum Load Per Drawer 75 lbs



## Super Pro Series Mechanic's Chests

- Ball bearing slides on all full width drawers for smooth action even when fully loaded
- Safe-Lock system prevents drawers from accidentally opening when moving tool box
- Full width drawer pulls for comfortable, easy operation
- Full width / full height double wall steel construction for superior rigidity
- Rear locking mechanism provides maximum security
- Canadian built using the best quality domestic steel for maximum storage capacity without the risk of bending under heavy loads



### 26" x 18"

6 DRAWERS

842351 / MC26-6B

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	26"	17-7/8"	20-1/2"	103 lbs
5 DRAWERS	23"	16"	2"	
1 DRAWER	23"	16"	4-1/4"	

Maximum Load Per Drawer 120 lbs



### 26" x 18"

10 DRAWERS

842353 / MC26-10B

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	26"	17-7/8"	20-1/2"	108 lbs
6 DRAWERS	7"	16"	2"	
1 DRAWER	7"	16"	6-7/16"	
2 DRAWERS	23"	16"	2"	
1 DRAWER	23"	16"	4-1/4"	

Maximum Load Per Drawer 120 lbs

### Super Pro Series Roller Cabinets

- Ball bearing slides on all full width drawers for smooth action even when fully loaded
- Safe-Lock system prevents drawers from accidentally opening when moving tool box
- Full width drawer pulls for comfortable, easy operation
- Full width / full height double wall steel construction for superior rigidity
- Rear locking mechanism provides maximum security
- Canadian built using the best quality domestic steel for maximum storage capacity without the risk of bending under heavy loads



#### 27" x 18"

5 DRAWERS

842302 / RC27-5B

	Width	Depth	Height	Overall Weight	Wheels
<b>OVERALL</b>	27"	18-3/4"	35-5/8"	118 lbs	5" x 1-1/4"
4 DRAWERS	23"	16"	4-1/4"		2 Swivel
1 DRAWER	23"	16"	6-7/16"		2 Rigid

Maximum Load Per Drawer 120 lbs



#### 27" x 18"

8 DRAWERS

842303 / RC27-8B

	Width	Depth	Height	Overall Weight	Wheels
<b>OVERALL</b>	27"	18-3/4"	42-3/8"	161 lbs	5" x 1-1/4"
4 DRAWERS	23"	16"	2"		2 Swivel
3 DRAWERS	23"	16"	4-1/4"		2 Rigid
1 DRAWER	23"	16"	8-1/2"		

Maximum Load Per Drawer 120 lbs



842302



842303

## Super Pro Series Mechanic's Chests



842372

**41" x 23"**

9 DRAWERS

842372 / MC41-9B

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	41-1/2"	23"	21-1/8"	243 lbs
3 DRAWERS	23"	22"	2"	
2 DRAWERS	11"	22"	2"	
2 DRAWERS	23"	22"	4-1/4"	
1 DRAWERS	11"	22"	4-1/4"	
1 DRAWER	11"	22"	6-7/16"	

Maximum Load Per Drawer 120 lbs

## Super Pro Series Roller Cabinets



842321

**41" x 24"**

13 DRAWERS

842321 / RC41-13B

	Width	Depth	Height	Overall Weight	Wheels
<b>OVERALL</b>	41-1/2"	24-3/8"	43-5/8"	422 lbs	6" x 2"
4 DRAWERS	23"	22"	2"		2 Swivel
3 DRAWERS	11"	22"	2"		2 Rigid
2 DRAWERS	23"	22"	4-1/4"		
1 DRAWER	11"	22"	4-1/4"		
1 DRAWER	23"	22"	6-7/16"		
1 DRAWER	11"	22"	13"		
1 DRAWER	38"	22"	4-1/4"		

Maximum Load Per Drawer 120 lbs



842256

## Pro Series Truck Box

- Extra heavy gauge steel and additional spot welds designed to withstand the constant vibration and bumps of road travel
- Drop front cover with neoprene seal prevents water from entering
- Concealed hinges prevent rust
- Black powder coated paint for long term rust resistance
- Full extension friction drawer slides
- Heavy duty welded side handles with 90° stops
- Heavy duty rubber feet keep box out of water

**26" x 18"**

5 DRAWERS

842256 / TB26-5

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	26"	17-7/8"	23"	124 lbs
3 DRAWERS	23"	16"	2"	
2 DRAWERS	23"	16"	4-1/4"	

Maximum Load Per Drawer 75 lbs





### Treasure Series Tool Chests

#### 41" x 18"

8 DRAWERS

842762 / TMC4208

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	46"	18-15/16"	21-5/16"	138 lbs
TOP STORAGE				
4 DRAWERS	22-7/16"	15-5/8"	2-15/16"	
4 DRAWERS	12-3/16"	15-5/8"	2-15/16"	
2 SHELVES				

Maximum Load Per Drawer 100 lbs

#### 53" x 19"

8 DRAWERS

842772 / TSMC5308

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	52-13/16"	18-7/8"	21-1/4"	166 lbs
TOP STORAGE				
4 DRAWERS	29-5/8"	15-5/8"	3"	
4 DRAWERS	12-1/8"	15-5/8"	3"	
2 SHELVES				

Maximum Load Per Drawer 100 lbs

Unique styling stands out in any garage or shop! Dual drop down trays on chest and flip up trays on cabinet provide plenty of work space. Full width aluminum drawer pulls feature safe lock latches to prevent drawers opening when moving tool box

- Ball bearing drawer slides with auto close feature ensure drawers are completely closed before locking
- Recessed handles on both sides do not protrude outside of tool box dimensions – easy to park and move!
- Attractive automotive style casters rated to 1,900 lbs total capacity for heavy loads
- All drawers complete with drawer liners
- 5/8" MDF work surface included with roller cabinets
- Secure rear lock mechanism
- Sand finish powder coat paint resists scratches, chemicals, and fingerprints
- A JET Exclusive!



### Treasure Series Roller Cabinets

#### 41" x 18"

11 DRAWERS

842712 / TRC4211

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	45-3/4"	18-15/16"	40-1/16"	259 lbs
1 DRAWER	36-13/16"	15-5/8"	4-3/4"	
1 DRAWER	22-7/16"	15-5/8"	6-1/16"	
1 DRAWER	12-1/8"	15-5/8"	12-5/16"	
3 DRAWERS	12-1/8"	15-5/8"	2-5/16"	
5 DRAWERS	22-7/16"	15-5/8"	2-15/16"	
2 SHELVES				

Maximum Load Per Drawer 100 lbs

#### 53" x 19"

12 DRAWERS

Arriving Summer 2012

842722 / TSRC5312

	Width	Depth	Height	Overall Weight
<b>OVERALL</b>	53"	19-3/32"	33-7/16"	297 lbs
1 DRAWER *	44-1/16"	15-5/8"	4-3/4"	
1 DRAWER *	29-5/8"	15-5/8"	6"	
1 DRAWER *	12-1/8"	15-5/8"	9-1/8"	
4 DRAWERS	12-1/8"	15-5/8"	3"	
5 DRAWERS	29-5/8"	15-5/8"	3"	
2 SHELVES				

Maximum Load Per Drawer 100 lbs with single slides  
\* 200 lbs with dual slides



**MADE IN  
CANADA**



### SHD Series Jobsite Tool Storage Box

- Super Heavy Duty 16 gauge steel body and lid for maximum security
- Robotically welded seams for increased strength
- Dual recessed lock housings prevent use of bolt cutters or blades to cut locks
- Staked and welded piano hinge prevents hinge pin from being driven out
- Overlapping lid prevents leaks and features full width reinforcing bolster for added strength
- Finger groove in lid for easy opening even with gloves
- Heavy duty lid stays, prevent accidental closing
- 12 gauge 4-way skids allow forklift access from front, back, and both sides for increased transportation options
- Skids are predrilled to accept optional 6" x 2" heavy duty casters
- High visibility orange powder coat for superior corrosion resistance
- Made in Canada!



**SITE SAFE**

Arriving Summer 2012

**new**

**SHD**  
**SERIES**

### 48" x 24"

JOBSITE TOOL BOX

**842481** / JSB-4824

	Width	Depth	Height (without wheels)	Overall Weight
<b>OVERALL</b>	48-1/8"	24-1/8"	28-3/8"	136lbs

**Shipping Weight:** 140 lbs

### 32" x 19"

JOBSITE TOOL BOX

**842480** / JSB-3219

	Width	Depth	Height (without wheels)	Overall Weight
<b>OVERALL</b>	32-1/8"	19"	17-1/2"	70lbs

**Shipping Weight:** 72 lbs



### RECOMMENDED TOOL BOXES

842563

42"

pg. 210

842513



842663

41"

pg. 214

842613



Kit Count	Product Description	Kit Count	Product Description	Kit Count	Product Description
1	10" Bastard Cut Flat File	14	5/32" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	27	23/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit
2	8" Smooth Cut Flat File	15	11/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	28	3/8" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit
3	10" Smooth Cut Flat File	16	3/16" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	29	25/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit
4	8" Bastard Half Round File	17	13/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	30	13/32" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit
5	10" Bastard Half Round File	18	7/32" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	31	27/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit
6	10" Bastard Cut Mill File	19	15/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	32	7/16" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit
7	10" Bastard Cut Round File	20	1/4" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	33	29/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit
8	1/16" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	21	17/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	34	15/32" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit
9	5/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	22	9/32" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	35	31/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit
10	3/32" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	23	19/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	36	1/2" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit
11	7/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	24	5/16" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	37	Metal Box with Drill Index
12	1/8" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	25	21/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	38	1/4" Dr x 3/16" 6 Point Socket
13	9/64" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	26	11/32" JET-KUT B&G Premium M2 H.S.S. Jobber Drill Bit	39	1/4" Dr x 7/32" 6 Point Socket

Tool storage not included with kit, see pages 265-278 for tool storage options



Kit Count	Product Description	Kit Count	Product Description	Kit Count	Product Description
40	1/4" Dr x 1/4" 6 Point Socket	125	1/2" Dr - 3/8" 6 Point Socket	210	3/8" Dr x 5/32" Hex Key Socket
41	1/4" Dr x 9/32" 6 Point Socket	126	1/2" Dr x 7/16" 6 Point Socket	211	3/8" Dr x 3/16" Hex Key Socket
42	1/4" Dr x 5/16" 6 Point Socket	127	1/2" Dr x 1/2" 6 Point Socket	212	3/8" Dr x 7/32" Hex Key Socket
43	1/4" Dr x 11/32" 6 Point Socket	128	1/2" Dr x 9/16" 6 Point Socket	213	3/8" Dr x 1/4" Hex Key Socket
44	1/4" Dr x 3/8" 6 Point Socket	129	1/2" Dr x 5/8" 6 Point Socket Wrench	214	3/8" Dr x 5/16" Hex Key Socket
45	1/4" Dr x 7/16" 6 Point Socket	130	1/2" Dr x 11/16" 6 Point Socket Wrench	215	3/8" Dr x 3/8" Hex Key Socket
46	1/4" Dr x 1/2" 6 Point Socket	131	1/2" Dr x 3/4" 6 Point Socket	216	1/2" Dr x 1/2" Hex Key Socket
47	1/4" Dr x 3/16" 6 Point Deep Socket	132	1/2" Dr x 13/16" 6 Point Socket	217	1/2" Dr x 9/16" Hex Key Socket
48	1/4" Dr x 7/32" 6 Point Deep Socket	133	1/2" Dr x 7/8" 6 Point Socket	218	1/2" Dr x 5/8" Hex Key Socket
49	1/4" Dr x 1/4" 6 Point Deep Socket	134	1/2" Dr x 15/16" 6 Point Socket	219	Socket Clip
50	1/4" Dr x 9/32" 6 Point Deep Socket	135	1/2" Dr x 1" 6 Point Socket	220	3/8" Dr x 3mm Hex Key Socket
51	1/4" Dr x 5/16" 6 Point Deep Socket	136	1/2" Dr x 1-1/16" 6 Point Socket	221	3/8" Dr x 4mm Hex Key Socket
52	1/4" Dr x 11/32" 6 Point Deep Socket	137	1/2" Dr x 1-1/8" 6 Point Socket	222	3/8" Dr x 5mm Hex Key Socket
53	1/4" Dr x 3/8" 6 Point Deep Socket	138	1/2" Dr x 1-3/16" 6 Point Socket	223	3/8" Dr x 6mm Hex Key Socket
54	1/4" Dr x 7/16" 6 Point Deep Socket	139	1/2" Dr x 1-1/4" 6 Point Socket	224	3/8" Dr x 7mm Hex Key Socket
55	1/4" Dr x 1/2" 6 Point Deep Socket	140	1/2" Dr x 7/16" 6 Point Deep Socket	225	3/8" Dr x 8mm Hex Key Socket
56	1/4" Dr x 4mm 6 Point Socket	141	1/2" Dr x 1/2" 6 Point Deep Socket	226	3/8" Dr x 10mm Hex Key Socket
57	1/4" Dr x 5mm 6 Point Socket	142	1/2" Dr x 9/16" 6 Point Deep Socket	227	1/2" Dr x 12mm Hex Key Socket
58	1/4" Dr x 6mm 6 Point Socket	143	1/2" Dr x 5/8" 6 Point Deep Socket	228	1/2" Dr x 14mm Hex Key Socket
59	1/4" Dr x 7mm 6 Point Socket	144	1/2" Dr x 11/16" 6 Point Deep Socket	229	1/2" Dr x 16mm Hex Key Socket
60	1/4" Dr x 8mm 6 Point Socket	145	1/2" Dr x 3/4" 6 Point Deep Socket	230	Socket Clip
61	1/4" Dr x 9mm 6 Point Socket	146	1/2" Dr x 7/8" 6 Point Deep Socket	231	3/8" Dr x 1/8" Extra Long Hex Bit Socket
62	1/4" Dr x 10mm 6 Point Socket	147	1/2" Dr x 10mm 6 Point Socket	232	3/8" Dr x 5/32" Extra Long Hex Bit Socket
63	1/4" Dr x 11mm 6 Point Socket	148	1/2" Dr x 11mm 6 Point Socket	233	3/8" Dr x 3/16" Extra Long Hex Bit Socket
64	1/4" Dr x 12mm 6 Point Socket	149	1/2" Dr x 12mm 6 Point Socket	234	3/8" Dr x 7/32" Extra Long Hex Bit Socket
65	1/4" Dr x 4mm 6 Point Deep Socket	150	1/2" Dr x 13mm 6 Point Socket	235	3/8" Dr x 1/4" Extra Long Hex Bit Socket
66	1/4" Dr x 5mm 6 Point Deep Socket	151	1/2" Dr x 14mm 6 Point Socket	236	3/8" Dr x 5/16" Extra Long Hex Bit Socket
67	1/4" Dr x 6mm 6 Point Deep Socket	152	1/2" Dr x 15mm 6 Point Socket	237	3/8" Dr x 3/8" Extra Long Hex Bit Socket
68	1/4" Dr x 7mm 6 Point Deep Socket	153	1/2" Dr x 16mm 6 Point Socket	238	Socket Clip
69	1/4" Dr x 8mm 6 Point Deep Socket	154	1/2" Dr x 17mm 6 Point Socket	239	3/8" Dr x 4mm Extra Long Hex Bit Socket
70	1/4" Dr x 9mm 6 Point Deep Socket	155	1/2" Dr x 18mm 6 Point Socket	240	3/8" Dr x 5mm Extra Long Hex Bit Socket
71	1/4" Dr x 10mm 6 Point Deep Socket	156	1/2" Dr x 19mm 6 Point Socket	241	3/8" Dr x 6mm Extra Long Hex Bit Socket
72	1/4" Dr x 11mm 6 Point Deep Socket	157	1/2" Dr x 21mm 6 Point Socket	242	3/8" Dr x 7mm Extra Long Hex Bit Socket
73	1/4" Dr x 12mm 6 Point Deep Socket	158	1/2" Dr x 22mm 6 Point Socket	243	3/8" Dr x 8mm Extra Long Hex Bit Socket
74	2" Extension	159	1/2" Dr x 23mm 6 Point Socket	244	3/8" Dr x 9mm Extra Long Hex Bit Socket
75	Universal Joint	160	1/2" Dr x 24mm 6 Point Socket	245	3/8" Dr x 10mm Extra Long Hex Bit Socket
76	6" Spinner Handle	161	1/2" Dr x 27mm 6 Point Socket	246	Socket Clip
77	4" Extension	162	1/2" Dr x 30mm 6 Point Socket	247	1/4" Dr x T10 Torx Bit Socket
78	1/4" Ratchet Handle	163	1/2" Dr x 32mm 6 Point Socket	248	1/4" Dr x T15 Torx Bit Socket
79	Blow Mould Case	164	1/2" Dr x 10mm 6 Point Deep Socket	249	1/4" Dr x T20 Torx Bit Socket
80	3/8" Dr x 3/8" 6 Point Socket	165	1/2" Dr x 12mm 6 Point Deep Socket	250	1/4" Dr x T25 Torx Bit Socket
81	3/8" Dr x 7/16" 6 Point Socket	166	1/2" Dr x 13mm 6 Point Deep Socket	251	1/4" Dr x T27 Torx Bit Socket
82	3/8" Dr x 1/2" 6 Point Socket	167	1/2" Dr x 14mm 6 Point Deep Socket	252	1/4" Dr x T30 Torx Bit Socket
83	3/8" Dr x 9/16" 6 Point Socket	168	1/2" Dr x 15mm 6 Point Deep Socket	253	3/8" Dr x T40 Torx Bit Socket
84	3/8" Dr x 5/8" 6 Point Socket	169	1/2" Dr x 16mm 6 Point Deep Socket	254	3/8" Dr x T45 Torx Bit Socket
85	3/8" Dr x 11/16" 6 Point Socket	170	1/2" Dr x 17mm 6 Point Deep Socket	255	3/8" Dr x T47 Torx Bit Socket
86	3/8" Dr x 3/4" 6 Point Socket	171	1/2" Dr x 18mm 6 Point Deep Socket	256	3/8" Dr x T50 Torx Bit Socket
87	3/8" Dr x 3/8" 6 Point Deep Socket	172	1/2" Dr x 19mm 6 Point Deep Socket	257	3/8" Dr x T55 Torx Bit Socket
88	3/8" Dr x 7/16" 6 Point Deep Socket	173	1/2" Dr x 21mm 6 Point Deep Socket	258	Socket Clip
89	3/8" Dr x 1/2" 6 Point Deep Socket	174	2" Extension	259	1/4" Dr - 6" Spinner Handle
90	3/8" Dr x 9/16" 6 Point Deep Socket	175	5" Extension	260	3/8" Dr - 16" Speeder Handle
91	3/8" Dr x 5/8" 6 Point Deep Socket	176	10" Extension	261	3/8" Dr - 5/8" Spark Plug Socket
92	3/8" Dr x 11/16" 6 Point Deep Socket	177	Sliding T Handle	262	3/8" Dr - 13/16" Spark Plug Socket
93	3/8" Dr x 3/4" 6 Point Deep Socket	178	Universal Joint	263	1/2" Dr - 5" Flex Handle
94	3/8" Dr x 13/16" 6 Point Deep Socket	179	High Torque Ratchet	264	1/2" Dr - 16-1/2" Speeder Handle
95	3/8" Dr x 8mm 6 Point Socket	180	Blow Mould Case	265	1/2" Dr - 15" Extension Bar
96	3/8" Dr x 9mm 6 Point Socket	181	3/8" Dr x E4 Torx Socket	266	1/2" Dr - 18" Extension Bar
97	3/8" Dr x 10mm 6 Point Socket	182	3/8" Dr x E5 Torx Socket	267	1/2" Dr - 24" Extension Bar
98	3/8" Dr x 11mm 6 Point Socket	183	3/8" Dr x E6 Torx Socket	268	1/2" Dr - 30" Extension Bar
99	3/8" Dr x 12mm 6 Point Socket	184	3/8" Dr x E7 Torx Socket	269	3/8" Dr - 1-3/4" 2 Way Extension
100	3/8" Dr x 13mm 6 Point Socket	185	3/8" Dr x E8 Torx Socket	270	3/8" Dr - 3" 2 Way Extension
101	3/8" Dr x 14mm 6 Point Socket	186	3/8" Dr x E10 Torx Socket	271	3/8" Dr - 6" 2 Way Extension
102	3/8" Dr x 15mm 6 Point Socket	187	3/8" Dr x E11 Torx Socket	272	3/8" Dr - 10" 2 Way Extension
103	3/8" Dr x 16mm 6 Point Socket	188	3/8" Dr x E12 Torx Socket	273	3/8" Long Combination Wrench
104	3/8" Dr x 17mm 6 Point Socket	189	3/8" Dr x E14 Torx Socket	274	7/16" Long Combination Wrench
105	3/8" Dr x 18mm 6 Point Socket	190	3/8" Dr x E16 Torx Socket	275	1/2" Long Combination Wrench
106	3/8" Dr x 19mm 6 Point Socket	191	3/8" Dr x E18 Torx Socket	276	9/16" Long Combination Wrench
107	3/8" Dr x 8mm 6 Point Deep Socket	192	3/8" Dr x E20 Torx Socket	277	5/8" Long Combination Wrench
108	3/8" Dr x 9mm 6 Point Deep Socket	193	Socket Clip	278	11/16" Long Combination Wrench
109	3/8" Dr x 10mm 6 Point Deep Socket	194	1/2" Dr x 10mm 12 Point Socket	279	3/4" Long Combination Wrench
110	3/8" Dr x 11mm 6 Point Deep Socket	195	1/2" Dr x 11mm 12 Point Socket	280	13/16" Long Combination Wrench
111	3/8" Dr x 12mm 6 Point Deep Socket	196	1/2" Dr x 12mm 12 Point Socket	281	7/8" Long Combination Wrench
112	3/8" Dr x 13mm 6 Point Deep Socket	197	1/2" Dr x 13mm 12 Point Socket	282	15/16" Long Combination Wrench
113	3/8" Dr x 14mm 6 Point Deep Socket	198	1/2" Dr x 14mm 12 Point Socket	283	1" Long Combination Wrench
114	3/8" Dr x 15mm 6 Point Deep Socket	199	1/2" Dr x 15mm 12 Point Socket	284	1-1/16" Long Combination Wrench
115	3/8" Dr x 16mm 6 Point Deep Socket	200	1/2" Dr x 16mm 12 Point Socket	285	1-1/8" Long Combination Wrench
116	3/8" Dr x 17mm 6 Point Deep Socket	201	1/2" Dr x 17mm 12 Point Socket	286	1-1/4" Long Combination Wrench
117	3/8" Dr x 18mm 6 Point Deep Socket	202	1/2" Dr x 18mm 12 Point Socket	287	Terylene Pouch
118	3/8" Dr x 19mm 6 Point Deep Socket	203	1/2" Dr x 19mm 12 Point Socket	288	3/8" Stubby Combination Wrench
119	Flex Handle	204	1/2" Dr x 20mm 12 Point Socket	289	7/16" Stubby Combination Wrench
120	3" Extension	205	1/2" Dr x 21mm 12 Point Socket	290	1/2" Stubby Combination Wrench
121	6" Extension	206	1/2" Dr x 22mm 12 Point Socket	291	9/16" Stubby Combination Wrench
122	Universal Joint	207	1/2" Dr x 24mm 12 Point Socket	292	5/8" Stubby Combination Wrench
123	High Torque Ratchet	208	Socket Clip	293	11/16" Stubby Combination Wrench
124	Blow Mould Case	209	3/8" Dr x 1/8" Hex Key Socket	294	3/4" Stubby Combination Wrench



Kit Count	Product Description	Kit Count	Product Description	Kit Count	Product Description
295	Plastic Rack	380	Plastic Case	465	5/64" Long Arm Ball Nose Hex Key
296	7mm Long Combination Wrench	381	T5 Torx Precision Screwdriver	466	3/32" Long Arm Ball Nose Hex Key
297	8mm Long Combination Wrench	382	T6 Torx Precision Screwdriver	467	7/64" Long Arm Ball Nose Hex Key
298	9mm Long Combination Wrench	383	T7 Torx Precision Screwdriver	468	1/8" Long Arm Ball Nose Hex Key
299	10mm Long Combination Wrench	384	T8 Torx Precision Screwdriver	469	9/64" Long Arm Ball Nose Hex Key
300	11mm Long Combination Wrench	385	T9 Torx Precision Screwdriver	470	5/32" Long Arm Ball Nose Hex Key
301	12mm Long Combination Wrench	386	T10 Torx Precision Screwdriver	471	3/16" Long Arm Ball Nose Hex Key
302	13mm Long Combination Wrench	387	Plastic Case	472	7/32" Long Arm Ball Nose Hex Key
303	14mm Long Combination Wrench	388	Ratcheting Screwdriver Handle	473	1/4" Long Arm Ball Nose Hex Key
304	15mm Long Combination Wrench	389	1/8" Slot Bit for Ratcheting Screwdriver	474	5/16" Long Arm Ball Nose Hex Key
305	16mm Long Combination Wrench	390	#0 Phillips Bit for Ratcheting Screwdriver	475	3/8" Long Arm Ball Nose Hex Key
306	17mm Long Combination Wrench	391	3/16" Slot Bit for Ratcheting Screwdriver	476	1.5mm Long Arm Ball Nose Hex Key
307	18mm Long Combination Wrench	392	#1 Phillips Bit for Ratcheting Screwdriver	477	2.0mm Long Arm Ball Nose Hex Key
308	19mm Long Combination Wrench	393	1/4" Slot Bit for Ratcheting Screwdriver	478	2.5mm Long Arm Ball Nose Hex Key
309	21mm Long Combination Wrench	394	#2 Phillips Bit for Ratcheting Screwdriver	479	3.0mm Long Arm Ball Nose Hex Key
310	22mm Long Combination Wrench	395	5/16" Slot Bit for Ratcheting Screwdriver	480	4.0mm Long Arm Ball Nose Hex Key
311	24mm Long Combination Wrench	396	#3 Phillips Bit for Ratcheting Screwdriver	481	5.0mm Long Arm Ball Nose Hex Key
312	Terylene Pouch	397	#1 Square Bit for Ratcheting Screwdriver	482	6.0mm Long Arm Ball Nose Hex Key
313	10mm Stubby Combination Wrench	398	#2 Square Bit for Ratcheting Screwdriver	483	8.0mm Long Arm Ball Nose Hex Key
314	11mm Stubby Combination Wrench	399	T10 Torx Bit for Ratcheting Screwdriver	484	10mm Long Arm Ball Nose Hex Key
315	12mm Stubby Combination Wrench	400	T15 Torx Bit for Ratcheting Screwdriver	485	Plastic Rack
316	13mm Stubby Combination Wrench	401	T20 Torx Bit for Ratcheting Screwdriver	486	T8 Torx Key
317	14mm Stubby Combination Wrench	402	T25 Torx Bit for Ratcheting Screwdriver	487	T10 Torx Key
318	17mm Stubby Combination Wrench	403	1/8" Hex Bit for Ratcheting Screwdriver	488	T15 Torx Key
319	19mm Stubby Combination Wrench	404	3/16" Hex Bit for Ratcheting Screwdriver	489	T20 Torx Key
320	Plastic Rack	405	Nut Driver for Ratcheting Screwdriver	490	T25 Torx Key
321	1/4" Ratcheting Combination Wrench	406	Nut Driver for Ratcheting Screwdriver	491	T27 Torx Key
322	5/16" Ratcheting Combination Wrench	407	Nut Driver for Ratcheting Screwdriver	492	T30 Torx Key
323	3/8" Ratcheting Combination Wrench	408	5/16" Slotted Bit for Impact Driver	493	T40 Torx Key
324	7/16" Ratcheting Combination Wrench	409	3/8" Slotted Bit for Impact Driver	494	12" Hacksaw Frame
325	1/2" Ratcheting Combination Wrench	410	#2 Phillips Bit for Impact Driver	495	1/16" Pin Punch
326	9/16" Ratcheting Combination Wrench	411	#3 Phillips Bit for Impact Driver	496	3/32" Pin Punch
327	5/8" Ratcheting Combination Wrench	412	Driver for Impact Driver	497	1/8" Pin Punch
328	11/16" Ratcheting Combination Wrench	413	Adaptor for Impact Driver	498	5/32" Pin Punch
329	3/4" Ratcheting Combination Wrench	414	Plastic Case	499	3/16" Pin Punch
330	13/16" Ratcheting Combination Wrench	415	3/16" Jumbo Handle Nut Driver	500	1/4" Pin Punch
331	7/8" Ratcheting Combination Wrench	416	1/4" Jumbo Handle Nut Driver	501	5/16" Pin Punch
332	15/16" Ratcheting Combination Wrench	417	5/16" Jumbo Handle Nut Driver	502	1/16" Solid Punch
333	1" Ratcheting Combination Wrench	418	11/32" Jumbo Handle Nut Driver	503	1/8" Solid Punch
334	Plastic Rack	419	3/8" Jumbo Handle Nut Driver	504	3/16" Solid Punch
335	8mm Ratcheting Combination Wrench	420	7/16" Jumbo Handle Nut Driver	505	1/4" Solid Punch
336	9mm Ratcheting Combination Wrench	421	1/2" Jumbo Handle Nut Driver	506	5/16" Solid Punch
337	10mm Ratcheting Combination Wrench	422	6" Slip Joint Pliers	507	5/32" Solid Punch
338	11mm Ratcheting Combination Wrench	423	8" Slip Joint Pliers	508	1/4" Cold Chisel
339	12mm Ratcheting Combination Wrench	424	10" Groove Joint Pliers	509	5/16" Cold Chisel
340	13mm Ratcheting Combination Wrench	425	12" Groove Joint Pliers	510	1/2" Cold Chisel
341	14mm Ratcheting Combination Wrench	426	5" Curved Jaw Locking Pliers	511	5/8" Cold Chisel
342	15mm Ratcheting Combination Wrench	427	4" Curved Jaw Locking Pliers	512	3/4" Cold Chisel
343	16mm Ratcheting Combination Wrench	428	10" Curved Jaw Locking Pliers	513	7/8" Cold Chisel
344	17mm Ratcheting Combination Wrench	429	6" Long Nose Locking Pliers	514	3/8" Cold Chisel
345	18mm Ratcheting Combination Wrench	430	9" Long Nose Locking Pliers	515	5/64" Centre Punch
346	19mm Ratcheting Combination Wrench	431	8" Lineman's Pliers	516	5/32" Centre Punch
347	Plastic Rack	432	8" Long Nose Pliers	517	1/4" Centre Punch
348	18" Aluminum Pipe Wrench	433	11" Long Nose Pliers	518	Automatic Centre Punch
349	8" Professional Adjustable Wrench	434	7-1/2" Diagonal Cutter	519	Terylene Pouch
350	12" Professional Adjustable Wrench	435	6-1/2" Bent Nose Pliers	520	3/32" Roll Pin Punch
351	3/8" Dr Torque Wrench	436	8" Bent Nose Pliers	521	1/8" Roll Pin Punch
352	1/2" Dr Torque Wrench	437	11" C-Clamp and Pads	522	5/32" Roll Pin Punch
353	3/8" x 7/16" Flare Nut Wrench	438	8-1/4" Wire Stripper	523	3/16" Roll Pin Punch
354	1/2" x 9/16" Flare Nut Wrench	439	10" Straight Cut Aviation Metal Snips	524	1/4" Roll Pin Punch
355	5/8" x 11/16" Flare Nut Wrench	440	1-1/4" Telescopic Tube Cutter	525	5/16" Roll Pin Punch
356	10mm x 11mm Flare Nut Wrench	441	1-1/8" Mini Tubing Cutter	526	Terylene Pouch
357	12mm x 13mm Flare Nut Wrench	442	Screw Feed Tubing Cutter for Flaring Tool Kit	527	25ft Tape Measure
358	15mm x 17mm Flare Nut Wrench	443	Flaring Bar for Flaring Tool Kit	528	8" Mechanic's Pry Bar
359	Phillips: #2 x 1-1/2" Jumbo Handle Screwdriver	444	Yoke for Flaring Tool Kit	529	12" Mechanic's Pry Bar
360	Phillips: #1 x 3" Jumbo Handle Screwdriver	445	3/16" Flaring Insert for Flaring Tool Kit	530	18" Mechanic's Pry Bar
361	Phillips: #2 x 4" Jumbo Handle Screwdriver	446	1/4" Flaring Insert for Flaring Tool Kit	531	24" Mechanic's Pry Bar
362	Phillips: #3 x 6" Jumbo Handle Screwdriver	447	5/16" Flaring Insert for Flaring Tool Kit	532	6" Straight Pick
363	Square: #2 x 1-1/2" Jumbo Handle Screwdriver	448	3/8" Flaring Insert for Flaring Tool Kit	533	6" Pick 90°
364	Square: #1 x 4" Jumbo Handle Screwdriver	449	7/16" Flaring Insert for Flaring Tool Kit	534	6" Compound Hook
365	Square: #2 x 5" Jumbo Handle Screwdriver	450	1/2" Flaring Insert for Flaring Tool Kit	535	6" Bent Hook
366	Square: #3 x 6" Jumbo Handle Screwdriver	451	5/8" Flaring Insert for Flaring Tool Kit	536	8-1/2" Scraper
367	Slot Square Shaft: 1/4 x 1-1/2" Jumbo Handle Screwdriver	452	Blow Mould Case	537	10" Scraper
368	Slot Square Shaft: 1/4 x 4" Jumbo Handle Screwdriver	453	8oz Ball Pein Fibreglass Hammer	538	12" Scraper
369	Slot Square Shaft: 5/16 x 6" Jumbo Handle Screwdriver	454	16oz Ball Pein Fibreglass Hammer	539	9" Cotter Key Puller
370	Slot Square Shaft: 3/8 x 10" Jumbo Handle Screwdriver	455	24oz Ball Pein Fibreglass Hammer	540	7-1/2" Radiator Hose Hook
371	Slot Round Shaft: 3/16 x 3" Jumbo Handle Screwdriver	456	32oz Ball Pein Fibreglass Hammer	541	1-1/4" Chisel Scraper
372	Slot Round Shaft: 3/16 x 6" Jumbo Handle Screwdriver	457	40oz Ball Pein Fibreglass Hammer	542	1-1/4" Bent Chisel Scraper
373	Blow Mould Case	458	2 lb Dead Blow Hammer	543	2" Chisel Scraper
374	2.0 Slot Precision Screwdriver	459	3 lb Dead Blow Hammer	544	Stubby Chisel Scraper
375	3.0 Slot Precision Screwdriver	460	2-1/4 lb Soft Face Dead Blow Hammer	545	1/4"-5/16" Screw Extractor
376	4.0 Slot Precision Screwdriver	461	3 lb Drilling Hammer	546	3/8" Screw Extractor
377	#00 Phillips Precision Screwdriver	462	3" 2/3 Jaw Gear Puller	547	7/16" Screw Extractor
378	#0 Phillips Precision Screwdriver	463	0.05" Long Arm Ball Nose Hex Key	548	1/2"-9/16" Screw Extractor
379	#1 Phillips Precision Screwdriver	464	1/16" Long Arm Ball Nose Hex Key	549	5/8" Screw Extractor



## RECOMMENDED TOOL BOXES

842563

42"

pg. 210



842513

842663

41"

pg. 214



842613

842553

27"

pg. 209



842503

842653

27"

pg. 209



842604

Kit Count	Product Description	Kit Count	Product Description	Kit Count	Product Description
1	1/16" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	16	19/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	31	1/4" Dr x 3/16" 6 Point Socket
2	5/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	17	5/16" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	32	1/4" Dr x 7/32" 6 Point Socket
3	3/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	18	21/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	33	1/4" Dr x 1/4" 6 Point Socket
4	7/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	19	11/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	34	1/4" Dr x 9/32" 6 Point Socket
5	1/8" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	20	23/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	35	1/4" Dr x 5/16" 6 Point Socket
6	9/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	21	3/8" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	36	1/4" Dr x 11/32" 6 Point Socket
7	5/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	22	25/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	37	1/4" Dr x 3/8" 6 Point Socket
8	11/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	23	13/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	38	1/4" Dr x 7/16" 6 Point Socket
9	3/16" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	24	27/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	39	1/4" Dr x 1/2" 6 Point Socket
10	13/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	25	7/16" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	40	1/4" Dr x 3/16" 6 Point Deep Socket
11	7/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	26	29/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	41	1/4" Dr x 7/32" 6 Point Deep Socket
12	15/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	27	15/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	42	1/4" Dr x 1/4" 6 Point Deep Socket
13	1/4" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	28	31/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	43	1/4" Dr x 9/32" 6 Point Deep Socket
14	17/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	29	1/2" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	44	1/4" Dr x 5/16" 6 Point Deep Socket
15	9/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit	30	Metal Box with Drill Index	45	1/4" Dr x 11/32" 6 Point Deep Socket

Tool storage not included with kit, see pages 265-278 for tool storage options

Kit Count	Product Description	Kit Count	Product Description	Kit Count	Product Description
46	1/4" Dr x 3/8" 6 Point Deep Socket	133	Socket Clip	220	T6 Torx Precision Screwdriver
47	1/4" Dr x 7/16" 6 Point Deep Socket	134	1/4" Dr x T10 Tamperproof Torx Bit Socket	221	T7 Torx Precision Screwdriver
48	1/4" Dr x 1/2" 6 Point Deep Socket	135	1/4" Dr x T15 Tamperproof Torx Bit Socket	222	T8 Torx Precision Screwdriver
49	1/4" Dr x 4mm 6 Point Socket	136	1/4" Dr x T20 Tamperproof Torx Bit Socket	223	T9 Torx Precision Screwdriver
50	1/4" Dr x 5mm 6 Point Socket	137	1/4" Dr x T25 Tamperproof Torx Bit Socket	224	T10 Torx Precision Screwdriver
51	1/4" Dr x 6mm 6 Point Socket	138	1/4" Dr x T27 Tamperproof Torx Bit Socket	225	Plastic Case
52	1/4" Dr x 7mm 6 Point Socket	139	1/4" Dr x T30 Tamperproof Torx Bit Socket	226	Ratcheting Screwdriver Handle
53	1/4" Dr x 8mm 6 Point Socket	140	3/8" Dr x T40 Tamperproof Torx Bit Socket	227	1/8" Slot Bit for Ratcheting Screwdriver
54	1/4" Dr x 9mm 6 Point Socket	141	3/8" Dr x T45 Tamperproof Torx Bit Socket	228	#0 Phillips Bit for Ratcheting Screwdriver
55	1/4" Dr x 10mm 6 Point Socket	142	3/8" Dr x T50 Tamperproof Torx Bit Socket	229	3/16" Slot Bit for Ratcheting Screwdriver
56	1/4" Dr x 11mm 6 Point Socket	143	3/8" Dr x T55 Tamperproof Torx Bit Socket	230	#1 Phillips Bit for Ratcheting Screwdriver
57	1/4" Dr x 12mm 6 Point Socket	144	Socket Clip	231	1/4" Slot Bit for Ratcheting Screwdriver
58	1/4" Dr x 4mm 6 Point Deep Socket	145	6" Flex Handle	232	#2 Phillips Bit for Ratcheting Screwdriver
59	1/4" Dr x 5mm 6 Point Deep Socket	146	3/8" Dr - 5/8" Spark Plug Socket	233	5/16" Slot Bit for Ratcheting Screwdriver
60	1/4" Dr x 6mm 6 Point Deep Socket	147	3/8" Dr - 13/16" Spark Plug Socket	234	#3 Phillips Bit for Ratcheting Screwdriver
61	1/4" Dr x 7mm 6 Point Deep Socket	148	3/8" Long Combination Wrench	235	#1 Square Bit for Ratcheting Screwdriver
62	1/4" Dr x 8mm 6 Point Deep Socket	149	7/16" Long Combination Wrench	236	#2 Square Bit for Ratcheting Screwdriver
63	1/4" Dr x 9mm 6 Point Deep Socket	150	1/2" Long Combination Wrench	237	T10 Torx Bit for Ratcheting Screwdriver
64	1/4" Dr x 10mm 6 Point Deep Socket	151	9/16" Long Combination Wrench	238	T15 Torx Bit for Ratcheting Screwdriver
65	1/4" Dr x 11mm 6 Point Deep Socket	152	5/8" Long Combination Wrench	239	T20 Torx Bit for Ratcheting Screwdriver
66	1/4" Dr x 12mm 6 Point Deep Socket	153	11/16" Long Combination Wrench	240	T25 Torx Bit for Ratcheting Screwdriver
67	2" Extension	154	3/4" Long Combination Wrench	241	1/8" Hex Bit for Ratcheting Screwdriver
68	Universal Joint	155	13/16" Long Combination Wrench	242	3/16" Hex Bit for Ratcheting Screwdriver
69	6" Spinner Handle	156	7/8" Long Combination Wrench	243	1/4" Nut Driver for Ratcheting Screwdriver
70	4" Extension	157	15/16" Long Combination Wrench	244	5/16" Nut Driver for Ratcheting Screwdriver
71	1/4" Ratchet Handle	158	1" Long Combination Wrench	245	7/16" Nut Driver for Ratcheting Screwdriver
72	Blow Mould Case	159	1-1/16" Long Combination Wrench	246	8" Slip Joint Pliers
73	3/8" Dr x 3/8" 6 Point Socket	160	1-1/8" Long Combination Wrench	247	6-1/2" Long Nose Pliers
74	3/8" Dr x 7/16" 6 Point Socket	161	1-1/4" Long Combination Wrench	248	6-1/2" Diagonal Cutter
75	3/8" Dr x 1/2" 6 Point Socket	162	Terylene Pouch	249	9-1/2" Groove Joint Pliers
76	3/8" Dr x 9/16" 6 Point Socket	163	7mm Long Combination Wrench	250	10" Curved Jaw Locking Pliers
77	3/8" Dr x 5/8" 6 Point Socket	164	8mm Long Combination Wrench	251	9" Multifunction Wire Stripper
78	3/8" Dr x 11/16" 6 Point Socket	165	9mm Long Combination Wrench	252	Straight Cut Aviation Metal Snips
79	3/8" Dr x 3/4" 6 Point Socket	166	10mm Long Combination Wrench	253	Telescopic Tube Cutter
80	3/8" Dr x 3/8" 6 Point Deep Socket	167	11mm Long Combination Wrench	254	1lb Rubber Mallet
81	3/8" Dr x 7/16 6 Point Deep Socket	168	12mm Long Combination Wrench	255	1.5mm Short Arm Hex Key
82	3/8" Dr x 1/2" 6 Point Deep Socket	169	13mm Long Combination Wrench	256	2.0mm Short Arm Hex Key
83	3/8" Dr x 9/16" 6 Point Deep Socket	170	14mm Long Combination Wrench	257	2.5mm Short Arm Hex Key
84	3/8" Dr x 5/8" 6 Point Deep Socket	171	15mm Long Combination Wrench	258	3.0mm Short Arm Hex Key
85	3/8" Dr x 11/16" 6 Point Deep Socket	172	16mm Long Combination Wrench	259	4.0mm Short Arm Hex Key
86	3/8" Dr x 3/4" 6 Point Deep Socket	173	17mm Long Combination Wrench	260	4.5mm Short Arm Hex Key
87	3/8" Dr x 13/16" 6 Point Deep Socket	174	18mm Long Combination Wrench	261	5.0mm Short Arm Hex Key
88	3/8" Dr x 8mm 6 Point Socket	175	19mm Long Combination Wrench	262	5.5mm Short Arm Hex Key
89	3/8" Dr x 9mm 6 Point Socket	176	21mm Long Combination Wrench	263	6.0mm Short Arm Hex Key
90	3/8" Dr x 10mm 6 Point Socket	177	22mm Long Combination Wrench	264	7.0mm Short Arm Hex Key
91	3/8" Dr x 11mm 6 Point Socket	178	24mm Long Combination Wrench	265	8.0mm Short Arm Hex Key
92	3/8" Dr x 12mm 6 Point Socket	179	Terylene Pouch	266	9.0mm Short Arm Hex Key
93	3/8" Dr x 13mm 6 Point Socket	180	8mm Ratcheting Combination Wrench	267	10.0mm Short Arm Hex Key
94	3/8" Dr x 14mm 6 Point Socket	181	10mm Ratcheting Combination Wrench	268	1/16" Long Arm Hex Key
95	3/8" Dr x 15mm 6 Point Socket	182	12mm Ratcheting Combination Wrench	269	5/64" Long Arm Hex Key
96	3/8" Dr x 16mm 6 Point Socket	183	13mm Ratcheting Combination Wrench	270	3/32" Long Arm Hex Key
97	3/8" Dr x 17mm 6 Point Socket	184	14mm Ratcheting Combination Wrench	271	7/64" Long Arm Hex Key
98	3/8" Dr x 18mm 6 Point Socket	185	15mm Ratcheting Combination Wrench	272	1/8" Long Arm Hex Key
99	3/8" Dr x 19mm 6 Point Socket	186	18mm Ratcheting Combination Wrench	273	9/64" Long Arm Hex Key
100	3/8" Dr x 8mm 6 Point Deep Socket	187	Plastic Rack	274	5/32" Long Arm Hex Key
101	3/8" Dr x 9mm 6 Point Deep Socket	188	5/16" Ratcheting Combination Wrench	275	3/16" Long Arm Hex Key
102	3/8" Dr x 10mm 6 Point Deep Socket	189	3/8" Ratcheting Combination Wrench	276	7/32" Long Arm Hex Key
103	3/8" Dr x 11mm 6 Point Deep Socket	190	7/16" Ratcheting Combination Wrench	277	1/4" Long Arm Hex Key
104	3/8" Dr x 12mm 6 Point Deep Socket	191	1/2" Ratcheting Combination Wrench	278	5/16" Long Arm Hex Key
105	3/8" Dr x 13mm 6 Point Deep Socket	192	9/16" Ratcheting Combination Wrench	279	3/8" Long Arm Hex Key
106	3/8" Dr x 14mm 6 Point Deep Socket	193	5/8" Ratcheting Combination Wrench	280	Plastic Rack
107	3/8" Dr x 15mm 6 Point Deep Socket	194	11/16" Ratcheting Combination Wrench	281	1/8" Pin Punch
108	3/8" Dr x 16mm 6 Point Deep Socket	195	3/4" Ratcheting Combination Wrench	282	3/16" Pin Punch
109	3/8" Dr x 17mm 6 Point Deep Socket	196	Plastic Rack	283	1/4" Pin Punch
110	3/8" Dr x 18mm 6 Point Deep Socket	197	10" Professional Adjustable Wrench	284	3/16" Solid Punch
111	3/8" Dr x 19mm 6 Point Deep Socket	198	T10 x 4" Torx Mechanic's Screwdriver	285	1/2" Cold Chisel
112	Flex Handle	199	T15 x 4" Torx Mechanic's Screwdriver	286	5/8" Cold Chisel
113	3" Extension	200	T20 x 4" Torx Mechanic's Screwdriver	287	3/4" Cold Chisel
114	6" Extension	201	T25 x 4" Torx Mechanic's Screwdriver	288	5/32" Centre Punch
115	Universal Joint	202	T27 x 4" Torx Mechanic's Screwdriver	289	Terylene Pouch
116	High Torque Ratchet	203	T30 x 4" Torx Mechanic's Screwdriver	290	16ft Tape Measure
117	Blow Mould Case	204	Slot: 1/4 x 1-1/2" Mechanic's Screwdriver	291	8" Mechanic's Pry Bar
118	1/8" Hex Bit Socket	205	Slot: 1/4 x 4" Mechanic's Screwdriver	292	12" Mechanic's Pry Bar
119	5/32" Hex Bit Socket	206	Slot: 5/16 x 6" Mechanic's Screwdriver	293	18" Mechanic's Pry Bar
120	3/16" Hex Bit Socket	207	Slot: 3/8 x 10" Mechanic's Screwdriver	294	24" Mechanic's Pry Bar
121	7/32" Hex Bit Socket	208	Phillips: #1 x 3" Mechanic's Screwdriver	295	1" Short Scraper
122	1/4" Hex Bit Socket	209	Phillips: #2 x 1-1/2" Mechanic's Screwdriver	296	Parts Cleaning Brush
123	5/16" Hex Bit Socket	210	Phillips: #2 x 4" Mechanic's Screwdriver	297	6-12 Volt Circuit Tester
124	3/8" Hex Bit Socket	211	Blow Mould Case	298	Long Telescoping Magnet
125	Socket Clip	212	2.0 Slot Precision Screwdriver	299	Mechanic's Stethoscope
126	3/8" Dr x 3mm Hex Bit Socket	213	3.0 Slot Precision Screwdriver	300	1/8" - 1/4" Screw Extractor
127	3/8" Dr x 4mm Hex Bit Socket	214	4.0 Slot Precision Screwdriver	301	1/4" - 5/16" Screw Extractor
128	3/8" Dr x 5mm Hex Bit Socket	215	#00 Phillips Precision Screwdriver	302	5/16" - 7/16" Screw Extractor
129	3/8" Dr x 6mm Hex Bit Socket	216	#0 Phillips Precision Screwdriver	303	7/16" - 9/16" Screw Extractor
130	3/8" Dr x 7mm Hex Bit Socket	217	#1 Phillips Precision Screwdriver	304	9/16" - 3/4" Screw Extractor
131	3/8" Dr x 8mm Hex Bit Socket	218	Plastic Case	305	Tie Rod End Puller
132	3/8" Dr x 10mm Hex Bit Socket	219	T5 Torx Precision Screwdriver	306	4-Battery Post and Terminal Clean





842652  
Included with Kit



Kit Count	Product Description	Kit Count	Product Description	Kit Count	Product Description
1	1/4" Dr x 3/16" 6 Point Socket	72	3/8" Dr x 10mm 6 Point Deep Socket	143	Slot Round Shaft: 3/16 x 3" Jumbo Handle Screwdriver
2	1/4" Dr x 7/32" 6 Point Socket	73	3/8" Dr x 11mm 6 Point Deep Socket	144	Slot Round Shaft: 3/16 x 6" Jumbo Handle Screwdriver
3	1/4" Dr x 1/4" 6 Point Socket	74	3/8" Dr x 12mm 6 Point Deep Socket	145	Blow Mould Case
4	1/4" Dr x 9/32" 6 Point Socket	75	3/8" Dr x 13mm 6 Point Deep Socket	146	T10 x 4" Jumbo Handle Torx Screwdriver
5	1/4" Dr x 5/16" 6 Point Socket	76	3/8" Dr x 14mm 6 Point Deep Socket	147	T15 x 4" Jumbo Handle Torx Screwdriver
6	1/4" Dr x 11/32" 6 Point Socket	77	3/8" Dr x 15mm 6 Point Deep Socket	148	T20 x 4" Jumbo Handle Torx Screwdriver
7	1/4" Dr x 3/8" 6 Point Socket	78	3/8" Dr x 16mm 6 Point Deep Socket	149	T25 x 4" Jumbo Handle Torx Screwdriver
8	1/4" Dr x 7/16" 6 Point Socket	79	3/8" Dr x 17mm 6 Point Deep Socket	150	T27 x 4" Jumbo Handle Torx Screwdriver
9	1/4" Dr x 1/2" 6 Point Socket	80	3/8" Dr x 18mm 6 Point Deep Socket	151	T30 x 4" Jumbo Handle Torx Screwdriver
10	1/4" Dr x 3/16" 6 Point Deep Socket	81	3/8" Dr x 19mm 6 Point Deep Socket	152	Terylene Pouch
11	1/4" Dr x 7/32" 6 Point Deep Socket	82	Flex Handle	153	8" Slip Joint Pliers
12	1/4" Dr x 1/4" 6 Point Deep Socket	83	3" Extension	154	8" Lineman's Pliers
13	1/4" Dr x 9/32" 6 Point Deep Socket	84	6" Extension	155	8" Long Nose Pliers
14	1/4" Dr x 5/16" 6 Point Deep Socket	85	Universal Joint	156	7-1/2" Diagonal Cutters
15	1/4" Dr x 11/32" 6 Point Deep Socket	86	High Torque Ratchet	157	8" Bent Nose Pliers
16	1/4" Dr x 3/8" 6 Point Deep Socket	87	Blow Mould Case	158	Terylene Pouch
17	1/4" Dr x 7/16" 6 Point Deep Socket	88	3/8" Female - 1/4" Male Adaptor	159	6" External Straight Tip for Snap Ring Pliers
18	1/4" Dr x 1/2" 6 Point Deep Socket	89	3/8" Female - 1/2" Male Adaptor	160	6" External Bent Tip for Snap Ring Pliers
19	1/4" Dr x 4mm 6 Point Socket	90	1/4" Raised Panel Combination Wrench	161	6" Internal Straight Tip for Snap Ring Pliers
20	1/4" Dr x 5mm 6 Point Socket	91	5/16" Raised Panel Combination Wrench	162	6" Internal Bent Tip for Snap Ring Pliers
21	1/4" Dr x 6mm 6 Point Socket	92	3/8" Raised Panel Combination Wrench	163	Handle for Snap Ring Pliers
22	1/4" Dr x 7mm 6 Point Socket	93	7/16" Raised Panel Combination Wrench	164	10" Curved Jaw Locking Pliers
23	1/4" Dr x 8mm 6 Point Socket	94	1/2" Raised Panel Combination Wrench	165	9" Multifunction Wire Stripper
24	1/4" Dr x 9mm 6 Point Socket	95	9/16" Raised Panel Combination Wrench	166	Quick Adjustable Tubing Cutter
25	1/4" Dr x 10mm 6 Point Socket	96	5/8" Raised Panel Combination Wrench	167	16 oz Hickory Handle Ball Pein Hammer
26	1/4" Dr x 11mm 6 Point Socket	97	11/16" Raised Panel Combination Wrench	168	1.5mm Short Arm Hex Key
27	1/4" Dr x 12mm 6 Point Socket	98	3/4" Raised Panel Combination Wrench	169	2.0mm Short Arm Hex Key
28	1/4" Dr x 4mm 6 Point Deep Socket	99	13/16" Raised Panel Combination Wrench	170	2.5mm Short Arm Hex Key
29	1/4" Dr x 5mm 6 Point Deep Socket	100	7/8" Raised Panel Combination Wrench	171	3.0mm Short Arm Hex Key
30	1/4" Dr x 6mm 6 Point Deep Socket	101	15/16" Raised Panel Combination Wrench	172	4.0mm Short Arm Hex Key
31	1/4" Dr x 7mm 6 Point Deep Socket	102	1" Raised Panel Combination Wrench	173	4.5mm Short Arm Hex Key
32	1/4" Dr x 8mm 6 Point Deep Socket	103	1-1/16" Raised Panel Combination Wrench	174	5.0mm Short Arm Hex Key
33	1/4" Dr x 9mm 6 Point Deep Socket	104	1-1/8" Raised Panel Combination Wrench	175	5.5mm Short Arm Hex Key
34	1/4" Dr x 10mm 6 Point Deep Socket	105	1-1/4" Raised Panel Combination Wrench	176	6.0mm Short Arm Hex Key
35	1/4" Dr x 11mm 6 Point Deep Socket	106	Terylene Pouch	177	7.0mm Short Arm Hex Key
36	1/4" Dr x 12mm 6 Point Deep Socket	107	7mm Raised Panel Combination Wrench	178	8.0mm Short Arm Hex Key
37	2" Extension	108	8mm Raised Panel Combination Wrench	179	9.0mm Short Arm Hex Key
38	Universal Joint	109	9mm Raised Panel Combination Wrench	180	10.0mm Short Arm Hex Key
39	6" Spinner Handle	110	10mm Raised Panel Combination Wrench	181	1/16" Long Arm Hex Key
40	4" Extension	111	11mm Raised Panel Combination Wrench	182	5/64" Long Arm Hex Key
41	1/4" Ratchet Handle	112	12mm Raised Panel Combination Wrench	183	3/32" Long Arm Hex Key
42	Blow Mould Case	113	13mm Raised Panel Combination Wrench	184	7/64" Long Arm Hex Key
43	3/8" Dr x 3/8" 6 Point Socket	114	14mm Raised Panel Combination Wrench	185	1/8" Long Arm Hex Key
44	3/8" Dr x 7/16" 6 Point Socket	115	15mm Raised Panel Combination Wrench	186	9/64" Long Arm Hex Key
45	3/8" Dr x 1/2" 6 Point Socket	116	16mm Raised Panel Combination Wrench	187	5/32" Long Arm Hex Key
46	3/8" Dr x 9/16" 6 Point Socket	117	17mm Raised Panel Combination Wrench	188	3/16" Long Arm Hex Key
47	3/8" Dr x 5/8" 6 Point Socket	118	18mm Raised Panel Combination Wrench	189	7/32" Long Arm Hex Key
48	3/8" Dr x 11/16" 6 Point Socket	119	19mm Raised Panel Combination Wrench	190	1/4" Long Arm Hex Key
49	3/8" Dr x 3/4" 6 Point Socket	120	20mm Raised Panel Combination Wrench	191	5/16" Long Arm Hex Key
50	3/8" Dr x 3/8" 6 Point Deep Socket	121	21mm Raised Panel Combination Wrench	192	3/8" Long Arm Hex Key
51	3/8" Dr x 7/16" 6 Point Deep Socket	122	22mm Raised Panel Combination Wrench	193	Plastic Rack
52	3/8" Dr x 1/2" 6 Point Deep Socket	123	23mm Raised Panel Combination Wrench	194	12" Hacksaw Frame
53	3/8" Dr x 9/16" 6 Point Deep Socket	124	24mm Raised Panel Combination Wrench	195	1/8" Pin Punch
54	3/8" Dr x 5/8" 6 Point Deep Socket	125	26mm Raised Panel Combination Wrench	196	3/16" Pin Punch
55	3/8" Dr x 11/16" 6 Point Deep Socket	126	27mm Raised Panel Combination Wrench	197	1/4" Pin Punch
56	3/8" Dr x 3/4" 6 Point Deep Socket	127	30mm Raised Panel Combination Wrench	198	3/16" Solid Punch
57	3/8" Dr x 13/16" 6 Point Deep Socket	128	32mm Raised Panel Combination Wrench	199	1/2" Cold Chisel
58	3/8" Dr x 8mm 6 Point Socket	129	Terylene Pouch	200	5/8" Cold Chisel
59	3/8" Dr x 9mm 6 Point Socket	130	10" Professional Adjustable Wrench	201	3/4" Cold Chisel
60	3/8" Dr x 10mm 6 Point Socket	131	Phillips: #2 x 1-1/2" Jumbo Handle Screwdriver	202	5/32" Centre Punch
61	3/8" Dr x 11mm 6 Point Socket	132	Phillips: #1 x 3" Jumbo Handle Screwdriver	203	Terylene Pouch
62	3/8" Dr x 12mm 6 Point Socket	133	Phillips: #2 x 4" Jumbo Handle Screwdriver	204	18" Pry Bar
63	3/8" Dr x 13mm 6 Point Socket	134	Phillips: #3 x 6" Jumbo Handle Screwdriver	205	26" x 12" 6 Drawer B&G Series Mechanic's Chest
64	3/8" Dr x 14mm 6 Point Socket	135	Square: #2 x 1-1/2" Jumbo Handle Screwdriver	206	1" Short Scraper
65	3/8" Dr x 15mm 6 Point Socket	136	Square: #1 x 4" Jumbo Handle Screwdriver	207	Battery Post and Terminal Cleaner
66	3/8" Dr x 16mm 6 Point Socket	137	Square: #2 x 5" Jumbo Handle Screwdriver	208	6-12 Volt Circuit Tester
67	3/8" Dr x 17mm 6 Point Socket	138	Square: #3 x 6" Jumbo Handle Screwdriver	209	Long Telescoping Magnet
68	3/8" Dr x 18mm 6 Point Socket	139	Slot Square Shaft: 1/4 x 1-1/2" Jumbo Handle Screwdriver	210	Strap Filter Wrench
69	3/8" Dr x 19mm 6 Point Socket	140	Slot Square Shaft: 1/4 x 4" Jumbo Handle Screwdriver	211	Universal Master Feeler Gauge
70	3/8" Dr x 8mm 6 Point Deep Socket	141	Slot Square Shaft: 5/16 x 6" Jumbo Handle Screwdriver		
71	3/8" Dr x 9mm 6 Point Deep Socket	142	Slot Square Shaft: 3/8 x 10" Jumbo Handle Screwdriver		

842124  
Included with Kit

Kit Count	Product Description
1	1/16" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
2	5/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
3	3/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
4	7/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
5	1/8" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
6	9/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
7	5/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
8	11/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
9	3/16" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
10	13/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
11	7/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
12	15/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
13	1/4" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
14	17/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
15	9/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
16	19/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
17	5/16" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
18	21/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
19	11/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
20	23/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
21	3/8" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
22	25/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
23	13/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
24	27/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
25	7/16" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
26	29/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
27	15/32" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
28	31/64" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
29	1/2" JET-KUT Black Oxide H.S.S. Jobber Drill Bit
30	Metal Box with Drill Index
31	1/4" Dr x 3/16" 6 Point Socket
32	1/4" Dr x 7/32" 6 Point Socket
33	1/4" Dr x 1/4" 6 Point Socket
34	1/4" Dr x 9/32" 6 Point Socket
35	1/4" Dr x 5/16" 6 Point Socket
36	1/4" Dr x 11/32" 6 Point Socket
37	1/4" Dr x 3/8" 6 Point Socket
38	1/4" Dr x 7/16" 6 Point Socket

Kit Count	Product Description
39	1/4" Dr x 1/2" 6 Point Socket
40	1/4" Dr x 3/16" 6 Point Deep Socket
41	1/4" Dr x 7/32" 6 Point Deep Socket
42	1/4" Dr x 1/4" 6 Point Deep Socket
43	1/4" Dr x 9/32" 6 Point Deep Socket
44	1/4" Dr x 5/16" 6 Point Deep Socket
45	1/4" Dr x 11/32" 6 Point Deep Socket
46	1/4" Dr x 3/8" 6 Point Deep Socket
47	1/4" Dr x 7/16" 6 Point Deep Socket
48	1/4" Dr x 1/2" 6 Point Deep Socket
49	2" Extension
50	6" Extension
51	Universal Joint
52	6" Spinner Handle
53	1/4" Oval Head Ratchet
54	Blow Mould Case
55	3/8" Dr x 3/8" 6 Point Socket
56	3/8" Dr x 7/16" 6 Point Socket
57	3/8" Dr x 1/2" 6 Point Socket
58	3/8" Dr x 9/16" 6 Point Socket
59	3/8" Dr x 5/8" 6 Point Socket
60	3/8" Dr x 11/16" 6 Point Socket
61	3/8" Dr x 3/4" 6 Point Socket
62	3/8" Dr x 3/8" 6 Point Deep Socket
63	3/8" Dr x 7/16" 6 Point Deep Socket
64	3/8" Dr x 1/2" 6 Point Deep Socket
65	3/8" Dr x 9/16" 6 Point Deep Socket
66	3/8" Dr x 5/8" 6 Point Deep Socket
67	3/8" Dr x 11/16" 6 Point Deep Socket
68	3/8" Dr x 3/4" 6 Point Deep Socket
69	3/8" Dr x 13/16" 6 Point Deep Socket
70	Flex Handle
71	3" Extension
72	6" Extension
73	Universal Joint
74	3/8" Oval Head Ratchet
75	Blow Mould Case
76	3/8" Dr x 5/8" Spark Plug Socket

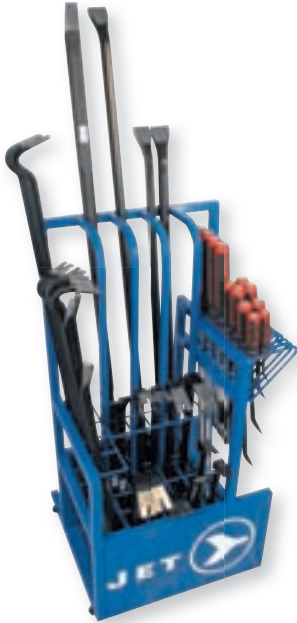
Kit Count	Product Description
77	3/8" Raised Panel Combination Wrench
78	7/16" Raised Panel Combination Wrench
79	1/2" Raised Panel Combination Wrench
80	9/16" Raised Panel Combination Wrench
81	5/8" Raised Panel Combination Wrench
82	11/16" Raised Panel Combination Wrench
83	3/4" Raised Panel Combination Wrench
84	13/16" Raised Panel Combination Wrench
85	7/8" Raised Panel Combination Wrench
86	15/16" Raised Panel Combination Wrench
87	1" Raised Panel Combination Wrench
88	Terylene Pouch
89	10" Professional Adjustable Wrench
90	4" Jumbo Handle Screwdriver
91	6" Jumbo Handle Screwdriver
92	#1 Jumbo Handle Phillips Screwdriver
93	#2 Jumbo Handle Phillips Screwdriver
94	#1 Square Jumbo Handle Screwdriver
95	#2 Square Jumbo Handle Screwdriver
96	Plastic Rack
97	8" Slip Joint Pliers
98	8" Lineman's Pliers
99	8" Long Nose Pliers
100	7-1/2" Diagonal Cutters
101	8" Bent Nose Pliers
102	Terylene Pouch
103	9-1/2" Groove Joint Pliers
104	10" Curved Jaw Locking Pliers
105	16 oz Fibreglass Claw Hammer
106	0.05" Short Arm Hex Key
107	1/16" Short Arm Hex Key
108	5/64" Short Arm Hex Key
109	3/32" Short Arm Hex Key
110	7/64" Short Arm Hex Key
111	1/8" Short Arm Hex Key
112	9/64" Short Arm Hex Key
113	5/32" Short Arm Hex Key
114	3/16" Short Arm Hex Key
115	7/32" Short Arm Hex Key
116	1/4" Short Arm Hex Key
117	5/16" Short Arm Hex Key
118	3/8" Short Arm Hex Key
119	Plastic Rack
120	1/8" Pin Punch
121	3/16" Pin Punch
122	1/4" Pin Punch
123	3/16" Solid Punch
124	1/2" Cold Chisel
125	5/8" Cold Chisel
126	3/4" Cold Chisel
127	5/32" Centre Punch
128	Terylene Pouch
129	16ft Tape Measure
130	Telescopic Pick Up Tool
131	21" 3 Drawer Steel Hand Tool Box

# Merchandisers

With one of the most extensive tool merchandiser programs in Canada, JET can accommodate your specific needs







**890451**  
Pry Bars



**890690**  
Striking Tool



**890698**  
Universal Rolling  
Display Rack



**890457**  
Hex and TORX® Bits



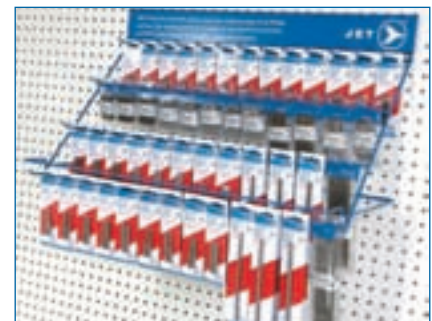
**890648**  
Clamp Rack



**890458**  
Unbreakable Handle  
Striking Tools



**890453**  
Insert Bits



**890454**  
Power Bits





**890181**  
SAE Chrome Sockets  
1/4", 3/8" & 1/2" DR



**890182**  
Metric Chrome Sockets  
1/4", 3/8" & 1/2" DR



**890187**  
1/2" Drive Impact Sockets



**890184**  
Hex and TORX® Sockets



**890455**  
3/4" DR Impact Sockets



**890456**  
3/4" DR  
Deep Impact Sockets



**890444**  
12 pt. Chrome Sockets  
1/4" & 3/8"



**890428**  
Hex Tools



**890195**  
3/4" DR Socket Tools



**890430**  
Socket Accessories



**890429**  
Hex Keys



**890177**  
Combination Wrenches



**890426**  
Combination Ratcheting Wrenches



**890407**  
Long Pattern Combination Wrenches



**890471**  
Chrome Nickel  
Pliers Display



**890472**  
Chrome Vanadium  
Pliers Display



**890427**  
Locking Pliers



**890446**  
Aviation Snips



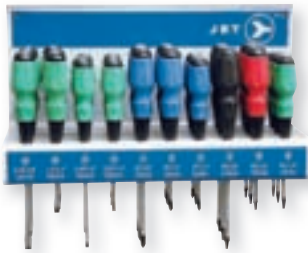
**890445**  
Punches and Chisels



**890174**  
Adjustable Wrenches



**890442**  
Electrical Tools



**890172**  
**TORQUE DRIVE**  
Screwdrivers



**890175**  
Bolt Cutters



**890443**  
Staplers and Tackers



**890173**  
Jumbo Handle Nut Drivers



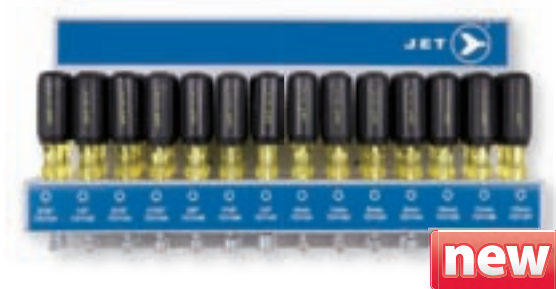
**890447**  
Pipe Cutters



**890468**  
Cushion Grip Screwdrivers



**890171**  
Jumbo Handle Screwdrivers



**890469**  
Cushion Grip Nut Drivers





**HT8751**  
Locknut Sockets



**HT8754**  
Chrome Tachometers & Gauges



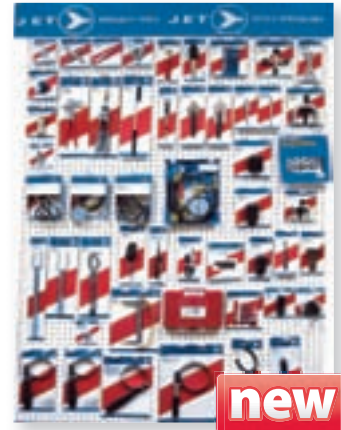
**HT8756**  
Classic Tachometer & Gauges



**HT8758**  
All-Weather Heavy Duty  
Tachometer & Gauges



**HT8760**  
Tire Service Tools



**HT8560**  
Specialty Tool Wall Display





**842142**  
16" Plastic Hand Tool Box  
QTY 14



**842143**  
19" Plastic Hand Tool Box  
QTY 12



**842144**  
22" Plastic Hand Tool Box  
QTY 10



**775921**  
16' S.A.E./Metric Tape Measure  
QTY 6



**775928**  
25' S.A.E. Tape Measure  
QTY 12



**775929**  
25' S.A.E./Metric Tape Measure  
QTY 12



**700391**  
12-in-1 Ratcheting Box End  
Wrench Set  
QTY 10



**671923**  
3/8" Twist Drive Ratchet  
QTY 6



**672923**  
1/2" Twist Drive Ratchet  
QTY 6



**720533**  
6-in-1 Cushion Grip  
Multi-Bit Screwdriver  
QTY 6



**720534**  
10-in-1 Cushion Grip  
Multi-Bit Screwdriver  
QTY 6



**720531**  
5-in-1 Cushion Grip Stubby  
Multi-Bit Screwdriver  
QTY 6



**890512**  
1/4\", 3/8\" & 1/2\" Drive Swivel  
Head Ratchet  
QTY 9



**720590**  
19 Piece Ratcheting  
Screwdriver  
QTY 12



**720537**  
15 Piece Twin Drive Ratcheting  
Screwdriver  
QTY 6



**720551**  
Convertible Pistol Grip  
Ratcheting Screwdriver  
QTY 12



**720552**  
Stubby Ratcheting  
Screwdriver  
QTY 12



**720556**  
T-Handle Ratcheting  
Screwdriver  
QTY 12



## SPECIALTY AUTO POP DISPLAYS



**H3237DA**  
Mini-Scraper  
QTY 30



**H3400**  
15-in-1 Screwdriver  
QTY 6



**H3262**  
Tire Gauge – Pencil Type  
QTY 24



**H3266**  
Tire Gauge – Dial Type  
10-100 PSI  
QTY 12



## Replacement Wear Parts



672902



670901



670926A



672927B

For the most part, JET Hand Tools carry a lifetime warranty. However, the following JET hand tools have wear parts that are not covered under warranty. The moving parts found on these products can wear out through normal use and can easily be replaced by purchasing and installing the repair kits indicated below.

### Flex Bar

- The swivel drive ends on these units are designed to fail before the chrome drive holder breaks under extreme use
- The drive end is easily replaced by removing the drive end screw and broken drive end and installing the replacement drive end and screw

PROD. NO.	MOD. NO.	Drive	Repair Kit
672902	SA1201	1/2"	900218
672903	SA1202	1/2"	900218
672918	SA1213	1/2"	900219
673909	SA7508	3/4"	900230

## RATCHETS

- Like all makes of ratchets, JET ratcheting mechanisms will wear with extensive use or break when extreme pressure or abuse is applied
- JET ratchet repair kits are available for all ratchet models and are available for purchase and easily installed by your JET hand tool distributor

### RH - Standard Duty

PROD. NO.	MOD. NO.	Drive	Repair Kit
670901	RH-25	1/4"	900202
671901	RH-38	3/8"	900203
672901	RH-50	1/2"	900204
673901	RH-75	3/4"	900205
674901	RH-100	1"	900210

### RHQ Series - Heavy Duty

670926A	RHQ-14	1/4"	900235
670928	RHQ-14L	1/4"	900235
670929	RHQ-14F	1/4" (Flex)	900235
671926A	RHQ-38	3/8"	900236
671942	RHQ-38FS	3/8" (Flex)	900253
671942A	RHQ-38FS	3/8"	900236
671943	RHQ-38F2	3/8" (Flex)	900253
671943A	RHQ-38F2	3/8"	900236
671945	RHQ-38L	3/8"	900236
672926B	RHQ-12	1/2"	900239
672927B	RHQ-12L	1/2"	900239
672929	RHQ-12F	1/2" (Flex)	900259
673922	RHQ-34	3/4"	900215



### RHD Series - Super Heavy Duty

PROD. NO.	MOD. NO.	Drive	Repair Kit
<b>673923</b>	RHD-3400	3/4"	<b>900240</b>
<b>674906</b>	RHD-1036	1"	<b>900241</b>

### RA Series

<b>670921</b>	RA1452	1/4"	<b>900266</b>
<b>671921</b>	RA3852	3/8"	<b>900267</b>
<b>672921</b>	RA1252	1/2"	<b>900268</b>

### SH Series

<b>670922</b>	SH270-14	1/4"	<b>900261</b>
<b>671922</b>	SH270-38	3/8"	<b>900262</b>
<b>672922</b>	SH270-12	1/2"	<b>900263</b>

### HT72 - 72 Tooth Twin Pawl Series

<b>670927</b>	HT-1472	1/4"	<b>900225</b>
<b>671928</b>	HT-3872	3/8"	<b>900226</b>
<b>672928</b>	HT-1272	1/2"	<b>900227</b>
<b>673924</b>	HT-3472	3/4"	<b>900228</b>

### MHR Series - 60 Tooth Mini Head

<b>671941</b>	MHR-3860	3/8"	<b>900252</b>
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### SR3872 - 72 Tooth Stubby

<b>671940</b>	SR3872	3/8"	<b>900251</b>
<b>671940B</b>	SR3872	3/8"	<b>900251</b>

### HSR 3800 - Rotating Head Ratchet

PROD. NO.	MOD. NO.	Drive	Repair Kit	Handle Repair Kit
<b>671944</b>	HSR-3800	3/8"	<b>900257</b>	<b>900258</b>





718906

## Torque Wrenches

PROD. NO.	MOD. NO.	Drive	Repair Kit
<b>718902</b>	JTW-1425	1/4"	PDN-JTW1425-RK
<b>718903</b>	JMTW-1425	1/4"	PDN-JMTW1425RK
<b>718906</b>	JMTW-3800	3/8"	PUT-JMTW3800
<b>718906</b>	JMTW-3800A	3/8"	PUT-JMTW3800A
<b>718908</b>	JTW-3880	3/8"	PDN-JTW3880-RK
<b>718909</b>	JMTW-3875	3/8"	PDN-JMTW3875-RK
<b>718909</b>	JMTW-3875HD	3/8"	PDN-JMTW3875A-RK
<b>718861 – 865</b>	Tire torque wrenches	1/2"	PDN-JTTW-RK
<b>718911</b>	JTW-12150	1/2"	PDN-JTW12150-RK
<b>718912</b>	JTW-12250	1/2"	PDN-JTW12250-RK
<b>718913</b>	JMTW-12150	1/2"	PDN-JMTW12250-RK
<b>718913</b>	JMTW-12150HD	1/2"	PDN-JMTW12250A-RK
<b>718914</b>	JMTW-12250 (black handle)	1/2"	PDN-JMTW12250-RK
<b>718914</b>	JMTW-12250 (red handle)	1/2"	PDN-JTW12250-RK
<b>718914</b>	JMTW-12250HD (go through plug)	1/2"	PDN-JMTW12250A-RK
<b>718933</b>	JPTW-38100	3/8"	PDN-JPTW38100-RK
<b>718935</b>	JPTW-12150	1/2"	PDN-JPTW12150-RK
<b>718936</b>	JPTW-12250	1/2"	PDN-JPTW12250-RK
<b>719069</b>	JMTW-5250	1/2"	PUT-JMTW5250
<b>719069</b>	JMTW-5250A	1/2"	PUT-JMTW5250A
<b>718916</b>	JMTW-7500	3/4"	PUT-JMTW7500
<b>718917</b>	JTW-34300	3/4"	PDN-JTW34600-RK
<b>718918</b>	JTW-34600	3/4"	PDN-JTW34600-RK
<b>718922</b>	JTW-10700	1"	PDN-JTW10700-RK

## PIPE WRENCHES

### Pipe Wrenches – HD and AL Series

Jaw Size	Hook Jaw	Knurls	Heel Jaw	Springs
8"	PMZ-1020802	PMZ-1020804	PMZ-1020815	PMZ-1020813
10"	PMZ-1021002	PMZ-1021004	PMZ-1021015	PMZ-1021013
12"	PMZ-1021202	PMZ-1021204	PMZ-1021215	PMZ-1021213
14"	PMZ-1021402	PMZ-1021404	PMZ-1021415	PMZ-1021413
18"	PMZ-1021802	PMZ-1021804	PMZ-1021815	PMZ-1021813
24"	PMZ-1022402	PMZ-1022404	PMZ-1022415	PMZ-1022413
36"	PMZ-1023602	PMZ-1023604	PMZ-1023615	PMZ-1023613
48"	PMZ-1044802	PMZ-1044804	PMZ-1044815	PMZ-1044813

### Pipe Wrenches – PW and PWA Series

8"	PDN-PW8HJ	PDN-PW8NT	PDN-PW8HJP	PDN-PW8SF
10"	PDN-PW10HJ	PDN-PW10NT	PDN-PW10HJP	PDN-PW10SF
12"	PDN-PW12HJ	PDN-PW12NT	PDN-PW12HJP	PDN-PW12SF
14"	PDN-PW14HJ	PDN-PW14NT	PDN-PW14HJP	PDN-PW14SF
18"	PDN-PW18HJ	PDN-PW18NT	PDN-PW18HJP	PDN-PW18SF
24"	PDN-PW24HJ	PDN-PW24NT	PDN-PW24HJP	PDN-PW24SF
36"	PDN-PW36HJ	PDN-PW36NT	PDN-PW36HJP	PDN-PW36SF
48"	PDN-PW48HJ	PDN-PW48NT	PDN-PW48HJP	PDN-PW48SF



710205

# WARRANTY POLICY

## JET EQUIPMENT & TOOLS LTD.

**JET EQUIPMENT AND TOOLS LTD. (JET)**, makes every effort to ensure its products are manufactured to the highest standards and are guaranteed against defects in materials and workmanship when the product is used for the purpose for which it was designed.

This guarantee applies only to JET products purchased new from a JET authorized distributor. JET product warranties are extended to the original retail purchaser only.

This warranty does not apply to any product showing signs of abuse, misuse, alteration, or having been improperly maintained or repaired.

This warranty does not cover damage attributable to normal wear and tear.

Any JET product that fails during normal use and is within the specified warranty period for that product will be repaired or replaced at JET's discretion. Repairs and/or replacements are warranted as described for the specific product and only for the remainder of the original warranty period.

Repair or replacement is the exclusive remedy for defective product under this warranty. Warranty is expressly in lieu of all other warranties, including the implied warranty of merchantability or any implied warranty of fitness for a particular application.

Any JET product for which there is a warranty claim should be returned PREPAID to an authorized JET distributor or service center. Authorized Warranty Depots are found at [www.jetequipment.com](http://www.jetequipment.com)

ALL warranty claims must be accompanied by proof of purchase and an explanation of the defect or failure. It is the customer's responsibility to provide this information.

JET shall not be held liable for any consequential or incidental damages for breach of any expressed or implied warranty on their products. No claims for damages of any type will be considered and all products are sold with this understanding.

Any costs incurred to obtain warranty consideration or services are the Customer's responsibility including shipping and handling, travel, lost time, or lost production.

### Lifetime Warranty Replacement of Defective Product

Adjustable Wrenches (2)	Power Sockets & Accessories
Aviation Snips	Punches and Chisels
Bolt Cutters ( <i>handles only</i> )	Ratchet Bodies (2) (4)
Chrome Sockets & Accessories (1)	Screwdrivers (3)
Clamps (4)	Tool Boxes (5)
Combination Wrenches (2)	Vises (4)
Construction Measuring Tools (6)	Pipe Cutters ( <i>excludes cutting wheels or blades</i> )
Crowfoot Wrenches	Wire Strippers
Flare Nut Wrenches (2)	Picks, Hooks and Scrapers
Flex Bars (2)	Staplers
Gear Pullers (7)	Riveters
Hammers ( <i>heads only</i> )	Hones (8)
Hex Key Wrenches	Pry Bars (2)
Nut Drivers	Automotive Gauges
Pipe Wrenches (2)	
Pliers	

- 1- Rounded drive corners void warranty
- 2- Snipe or hammer marks void warranty
- 3- Hammer marks or bent shafts void warranty
- 4- Bent or broken handles void warranty
- 5- Evidence of drawer overload voids warranty
- 6- Bent, broken or torn blades voids warranty
- 7- Rounded drive corners or stripped threads void warranty
- 8- Consumable components excepted

**Normal wear and tear excepted**

### Tool Boxes

Tool boxes are guaranteed to be free of factory defects for the periods specified below. Moving heavily loaded tool boxes is the most common cause of damage. If the tool box must be moved regularly choose one of a sufficient duty rating.

Super Pro Series and Treasure Series – Limited Lifetime  
Pro Series and B&G Series – 5 years  
SUMO Series, Jobsite, Truck box,  
and hand held tool boxes – 2 years

**NOTE:** *Evidence of drawer overload, shock, impact, use as a mobile tool box (unless specifically designed for this purpose) or lack of maintenance voids warranty.*

### Two Year Warranty Replacement of Defective Product

Torque Wrenches

**NOTE:** *Dropping or striking against hard objects, using for removal of fasteners, or failure to return wrench to lowest setting can all contribute to loss of accuracy and is not the fault of the tool.*

**CALIBRATION IS NOT COVERED BY WARRANTY**

### One Year Warranty Replacement of Defective Product

Hose Reels (*hose is discretionary based on examination*)  
Lubricating Equipment (*seals and hoses excluded*)  
Torque Multipliers  
Precision Measuring Tools  
Electronic Measuring Tools  
Thermometers  
Tire Gauges  
Compression/Pressure Gauges  
Timing Lights

**NOTE:** *Batteries supplied with certain products may have been exposed to a long shelf life resulting in low energy or dead batteries. Please source replacement batteries locally.*

**Dead batteries do not constitute a warranty claim.**

### Repairable Wear Parts

Flex Bar Swivels, Ratchet Repair Kits, Torque Wrench Repair Kits, Pipe Wrench Jaws, Springs and Knurls, Bolt Cutter heads, Bench Vise (*excluding casting*).

### Two Year Limited Warranty

Machinery

**NOTE:** *Specifically excluded from this guarantee are reducing adaptors, hacksaw blades, thin wall power sockets, mag wheel power sockets, power bits and insert bits and accessories.*

### Warranty Procedure

Any JET hand tool product for which there is a warranty claim should be returned prepaid to an authorized JET hand tool distributor or service centre along with proof of purchase and an explanation of the defect.

200225.....	259	350258.....	195	600241.....	15	610503.....	60	670902.....	38	671708.....	32	672316.....	31
200275.....	259	350259.....	195	600242.....	15	610504.....	60	670904.....	12 - 13, 40	671709.....	32	672318.....	31
200278.....	260	350260.....	195	600323.....	16	610506.....	60	670905.....	40	671710.....	32	672320.....	31
200357.....	261	350261.....	195	600326.....	16	610508.....	60	670906.....	12, 40	671711.....	32	672322.....	31
222326.....	262	350262.....	195	600331.....	17	610509.....	59	670907.....	39	671712.....	32	672324.....	31
222332.....	262	351003.....	198	600341.....	17	610515.....	61	670908.....	12 - 13, 37	671713.....	32	672326.....	31
222335.....	263	351004.....	198	600402.....	18	610901.....	65	670911.....	37	671714.....	32	672328.....	31
240153.....	258	351005.....	198	600406.....	18	610902.....	65	670912.....	12 - 13, 39	671715.....	32	672330.....	31
240154.....	258	351011.....	198	600503.....	19	610903.....	64	670913.....	37	671716.....	32	672332.....	31
252926.....	264	390102.....	181	600505.....	19	610906.....	64	670915.....	13, 40	671717.....	32	672334.....	31
310006.....	176	390103.....	181	601102.....	20	670106.....	30	670921.....	48, 297	671718.....	32	672336.....	31
310008.....	176	390104.....	181	601107.....	20	670107.....	30	670922.....	46, 297	671719.....	32	672340.....	31
310016.....	175	390105.....	181	601111.....	29	670108.....	30	670926.....	12, 44	671721.....	32	672414.....	31
310018.....	175	390106.....	181	601113.....	20	670109.....	30	670927.....	13, 45, 297	671808.....	32	672416.....	31
310022.....	177	390108.....	181	601118.....	20	670110.....	30	670928.....	44, 298	671809.....	32	672418.....	31
310041.....	177	390110.....	181	601201.....	26	670111.....	30	670929.....	44, 296	671810.....	32	672420.....	31
310122.....	170	390112.....	181	601202.....	26	670112.....	30	670930.....	39	671811.....	32	672422.....	31
310131.....	170	390122.....	181	601216.....	28	670114.....	30	671108.....	30	671812.....	32	672424.....	31
310132.....	170	390123.....	181	601219.....	21	670116.....	30	671110.....	30	671813.....	32	672426.....	31
310133.....	170	390124.....	181	601220.....	21	670206.....	30	671112.....	30	671814.....	32	672428.....	31
310136.....	170	390125.....	181	601224.....	22	670207.....	30	671114.....	30	671815.....	32	672430.....	31
310206.....	172	390126.....	181	601226.....	22	670208.....	30	671116.....	30	671816.....	32	672432.....	31
310210.....	172	390127.....	181	601227.....	21	670209.....	30	671118.....	30	671817.....	32	672434.....	31
310211.....	173	390129.....	181	601229.....	21	670210.....	30	671120.....	30	671818.....	32	672436.....	31
310212.....	173	390142.....	180	601231.....	29	670211.....	30	671122.....	30	671819.....	32	672440.....	31
310213.....	173	390143.....	180	601232.....	29	670212.....	30	671124.....	30	671902.....	14 - 15, 38	672508.....	33
310223.....	173	390144.....	180	601234.....	22	670214.....	30	671126.....	30	671904.....	40	672509.....	33
310501.....	171	390145.....	180	601236.....	22	670216.....	30	671128.....	30	671905.....	14 - 15, 40	672510.....	33
310502.....	171	390146.....	180	601312.....	24	670306.....	30	671130.....	30	671907.....	14 - 15, 40	672511.....	33
310511.....	173	390151.....	180	601313.....	23	670307.....	30	671132.....	30	671908.....	40	672512.....	33
310602.....	174	390153.....	180	601314.....	24	670308.....	30	671138.....	30	671909.....	39	672513.....	33
310603.....	174	390155.....	180	601316.....	23	670309.....	30	671210.....	30	671910.....	14 - 15, 37	672514.....	33
310604.....	174	390157.....	180	601317.....	23	670310.....	30	671212.....	30	671911.....	37, 39	672515.....	33
310605.....	174	390202.....	182	601318.....	23	670311.....	30	671214.....	30	671913.....	37	672516.....	33
310902.....	172	390204.....	182	601319.....	24	670312.....	30	671216.....	30	671914.....	37	672517.....	33
310903.....	172	390206.....	182	601320.....	24	670314.....	30	671218.....	30	671917.....	37	672518.....	33
310905.....	172	390208.....	182	601321.....	29	670316.....	30	671220.....	30	671921.....	48, 297	672519.....	33
310991.....	171	390210.....	182	601405.....	25	670406.....	30	671222.....	30	671922.....	46, 297	672520.....	33
320151.....	185	390212.....	182	601406.....	25	670407.....	30	671224.....	30	671923.....	46, 293	672521.....	33
320152.....	185	390224.....	182	601407.....	25	670408.....	30	671312.....	30	671926.....	14 - 15, 44	672522.....	33
320153.....	185	390226.....	182	601801.....	28	670409.....	30	671314.....	30	671928.....	15, 45, 297	672523.....	33
320154.....	185	390228.....	182	601802.....	26	670410.....	30	671316.....	30	671930.....	39	672524.....	33
321124.....	185	390230.....	182	601803.....	26	670411.....	30	671318.....	30	671932.....	30	672527.....	33
321336.....	185	390232.....	182	601804.....	27	670412.....	30	671320.....	30	671934.....	30	672530.....	33
350103.....	197	390233.....	182	601805.....	27	670414.....	30	671322.....	30	671941.....	47, 297	672532.....	33
350105.....	196	390248.....	183	601806.....	28	670416.....	30	671324.....	30	671942.....	44, 296	672610.....	33
350106.....	196	390250.....	183	601808.....	27	670502.....	32	671326.....	30	671943.....	44, 296	672611.....	33
350107.....	197	390252.....	183	601811.....	29	670503.....	32	671328.....	30	671944.....	47, 297	672612.....	33
350108.....	197	390254.....	183	610201.....	52	670504.....	32	671408.....	30	671945.....	44, 296	672613.....	33
350109.....	197	390272.....	182	610203.....	52	670505.....	32	671410.....	30	671947.....	41	672614.....	33
350121.....	196	390273.....	182	610207.....	52	670506.....	32	671412.....	30	671948.....	41	672615.....	33
350122.....	196	390274.....	182	610208.....	52	670507.....	32	671414.....	30	671949.....	41	672616.....	33
350124.....	196	390275.....	182	610217.....	52	670508.....	32	671416.....	30	671951.....	42	672617.....	33
350125.....	196	390289.....	183	610218.....	52	670509.....	32	671418.....	30	671952.....	42	672618.....	33
350151.....	190	390290.....	183	610302.....	53	670510.....	32	671420.....	30	671953.....	42	672619.....	33
350152.....	190	390291.....	183	610303.....	53	670511.....	32	671422.....	30	671954.....	42	672620.....	33
350155.....	190	390292.....	183	610308.....	54	670512.....	32	671424.....	30	672112.....	31	672621.....	33
350157.....	192	390293.....	183	610310.....	54	670513.....	32	671506.....	32	672114.....	31	672622.....	33
350158.....	192	390294.....	183	610314.....	54	670602.....	32	671507.....	32	672116.....	31	672624.....	33
350161.....	191	390295.....	183	610315.....	54	670604.....	32	671508.....	32	672118.....	31	672710.....	33
350162.....	191	390296.....	183	610321.....	53	670606.....	32	671509.....	32	672120.....	31	672712.....	33
350171.....	191	390297.....	183	610323.....	53	670607.....	32	671510.....	32	672122.....	31	672713.....	33
350173.....	192	390298.....	183	610326.....	62	670608.....	32	671511.....	32	672124.....	31	672714.....	33
350181.....	193	390299.....	183	610327.....	55	670609.....	32	671512.....	32	672126.....	31	672715.....	33
350182.....	193	390302.....	183	610328.....	53	670610.....	32	671513.....	32	672128.....	31	672716.....	33
350185.....	192	390303.....	183	610329.....	53	670611.....	32	671514.....	32	672130.....	31	672717.....	33
350201.....	193	390304.....	183	610331.....	62	670612.....	32	671515.....	32	672132.....	31	672718.....	33
350202.....	193	390305.....	183	610333.....	62	670702.....	32	671516.....	32	672134.....	31	672719.....	33
350203.....	193	390452.....	184	610334.....	55	670704.....	32	671517.....	32	672136.....	31	672720.....	33
350204.....	193	390453.....	184	610335.....	55	670705.....	32	671518.....	32	672138.....	31	672721.....	33
350205.....	194	390457.....	184	610338.....	55	670706.....	32	671519.....	32	672140.....	31	672722.....	33
350206.....	194	390458.....	184	610339.....	55	670707.....	32	671520.....	32	672212.....	31	672723.....	33
350207.....	193	390482.....	184	610340.....	62	670708.....	32	671521.....	32	672214.....	31	672724.....	33
350208.....	194	391103.....	154	610341.....	56	670709.....	32	671522.....	32	672216.....	31	672727.....	33
350209.....	194	391104.....	154	610382.....	56	670710.....	32	671524.....	32	672218.....	31	672810.....	33
350210.....	194	391106.....	154	610388.....	56	670711.....	32	671608.....	32	672220.....	31	672811.....	33
350211.....	194	391107.....	154	610391.....	63	670712.....	32	671609.....	32	672222.....	31	672812.....	33
350212.....	194	391109.....	154	610401.....	58	670713.....	32	671610.....	32	672224.....	31	672813.....	33
350213.....	194	391110.....	154	610402.....	58	670802.....	32	671611.....	32	672226.....	31	672814.....	33
350214.....	198	600115.....	12	610403.....	58	670804.....	32	671612.....	32	672228.....	31	672815.....	33
350251.....	195	600116.....	12	610404.....	58	670806.....	32	671613.....	32	672230.....	31	672816.....	33
350252.....	195	600125.....	13	610406.....	58	670807.....	32	671614.....	32	672232.....	31	672817.....	33
350253.....	195	600126.....	13	610409.....	59	670808.....	32	671615.....	32	672234.....	31	672818.....	33
350254.....	195	600223.....	14	610410.....	59	670809.....	32	671616.....	32	672236.....	31	672819.....	33
350255.....	195	600226.....	14	610411.....	63	670810.....	32	671617.....	32	672238.....	31	672820.....	33
350256.....	195	600229.....	14	610421.....	63	670811.....	32	671618.....	32	672240.....	31	672821.....	33
350257.....	195	600234.....	15	610501.....	59	670812.....	32	671619.....	32				



672824.....	33	673909.....	38, 296	677711.....	36	681609.....	67	682518.....	67	683150.....	66	684146.....	66
672902.....	38, 296	673910.....	18, 39	677726.....	36	681610.....	67	682519.....	67	683152.....	66	684148.....	66
672903.....	16, 38, 296	673911.....	18, 38	677727.....	36	681611.....	67	682520.....	67	683154.....	66	684150.....	66
672904.....	17, 40	673912.....	18, 37	677728.....	36	681612.....	67	682521.....	67	683156.....	66	684152.....	66
672905.....	16 - 17, 40	673913.....	50	677729.....	36	681613.....	67	682522.....	67	683158.....	66	684154.....	66
672906.....	16 - 17, 40	673914.....	18, 50	677730.....	36	681614.....	67	682523.....	67	683160.....	66	684156.....	66
672907.....	17, 39	673922.....	18, 49, 296	677731.....	36	681615.....	67	682524.....	67	683162.....	66	684158.....	66
672908.....	16 - 17, 37	673923.....	18, 50, 297	677759.....	36	681616.....	67	682525.....	67	683164.....	66	684160.....	66
672909.....	39	673924.....	49, 297	677761.....	36	681617.....	67	682526.....	67	683166.....	66	684162.....	66
672911.....	37	674223.....	31	677763.....	36	681618.....	67	682527.....	67	683168.....	66	684164.....	66
672912.....	37	674224.....	31	677764.....	36	681619.....	67	682528.....	67	683170.....	66	684165.....	66
672913.....	37	674226.....	31	677766.....	36	681911.....	65	682529.....	67	683172.....	66	684166.....	66
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