ARMSTRONG®

INDUSTRIAL HAND TOOLS



MADE IN THE USA

ARMSTRONG TOOLS WARRANTY

If any Armstrong Hand Tool (except Torque Products) ever fails to give complete satisfaction, return it to your Armstrong Distributor, and it will be repaired or replaced free of charge.

Armstrong Torque Products are warranted to (1) be free of defects in material and workmanship, and (2) meet out of the box calibration accuracy standards as stated in the product literature. Accuracy standards for calibration are warranted for 90 days from date of purchase. Products for which Warranty Repair is requested should be returned, at Buyer's cost, for evaluation to:

Electronic Torque Wrenches:
DTG Torque Repair
3000 West Kingsley Road
Garland, TX 75041
(304) 253-5729

All other Torque Products:
Angle Repair & Calibration Service, Inc.
175 Angle Drive
Beckley, West Virginia 25801

Armstrong Torque Products are precision instruments that contain moving parts. These components are subject to normal wear through use and replacement thereof is the responsibility of Buyer. Torque Products should be routinely checked for calibration at an Authorized Repair Center using Armstrong repair parts.

This Warranty shall not apply to Products which have been misused, abused, damaged by accident or otherwise, repaired by anyone other than an Authorized Repair Center or modified by anyone other than Danaher Tool Group and is in lieu of all other warranties, whether express, implied or statutory.

THE IMPLIED WARRANTIES OF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY EXCLUDED. Buyer's sole and exclusive remedy for breach of this Warranty is, at the option of Danaher Tool Group, repair or replacement of the defective Product. IN NO EVENT WILL DANAHER TOOL GROUP BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES ARISING FROM BREACH OF THIS WARRANTY, EVEN IF DANAHER TOOL GROUP HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

PRODUCT SPECIFICATIONS

Armstrong products are designed to meet or exceed the appropriate standards set forth by the ANSI (American National Standards Institute) and adopted by the ASME (American Society of Mechanical Engineers) committee governing the accepted standards for the hand tool industry in order to ensure quality, consistency, and safety of the products produced by manufacturers. We have also indicated where certain product also conforms to US Government and/or Aviation standards. These standards include but are not limited to the following:

ASME / ANSI B18.15-1985
ASME / ANSI B107.1-2002
ASME / ANSI B107.2-2002
ASME / ANSI B107.4 – 2005
ASME / ANSI B107.5M-2002
ASME / ANSI B107.8-2003
ASME / ANSI B107.10-2005
ASME / ANSI B107.11-2002
ASME / ANSI B107.12-2004
ASME / ANSI B107.13-2003
ASME / ANSI B107.14 – 2004
ASME / ANSI B107.16M-1998
ASME / ANSI B107.600-2008
ASME / ANSI B107.17M-1997
ASME / ANSI B107.18M-2003
ASME / ANSI B107.19-2004
ASME / ANSI B107.20-2004
ASME / ANSI B107.21-2005
ASME / ANSI B107.23-2004
ASME / ANSI B107.28-2005
ASME / ANSI B107.29 – 2005
ASME / ANSI B107.33M-2002
ASME / ANSI B107.100-2002
ASME / ANSI B107.400-2008
ASME / ANSI B107.410-2008

SAE AS954E – Wrenches, Hand 12 Point High Strength, Thin Wall

Armstrong tools reserves the right to make changes in the design and/ or construction of our tools at any time without prior notice. We also reserve the right to discontinue the manufacture or offering for sale of any tools at any time at our discretion.

Dimensions shown in this catalog and on Armstrongtools.com have been furnished solely as a convenience to our users and are not intended to be exact product specifications for any individual article of production.

CONTACT INFORMATION
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Sparks, MD 21152
General Telephone: 800-688-8949
Fax Number: 800-234-0472
www.armstrongtools.com

ARMSTRONG TOOLS HISTORY

The Armstrong Bros. Tool Co. was founded in 1890 by four brothers, the sons of a Scottish immigrant blacksmith. In the beginning, the company manufactured and distributed bicycle parts, together with tools and equipment people used to manufacture and repair bicycles.

In 1895, as part of their manufacturing program, the brothers introduced lathe tool holders. By 1900 this product showed such promise that the company started devoting full time to manufacturing. So it was that the company's foundation was built upon the tool holder. These holders replaced the heavy, individually forged cutting tools that until then were necessary for lathe work. With the Armstrong system, a forged permanent shank was used with various shapes of small, interchangeable cutting tools. As advertised, the Armstrong system did indeed save "all forging and 70% of grinding," and by the mid 1900's the use of forged cutting tools in machine shops was virtually unheard of, replaced instead by the Armstrong System of Tool Holders.

The company's first manufacturing facilities were located in a wooden structure built across the back of two of the brothers' adjoining yards on Edgewood Ave in Chicago, Illinois. At the same time, they also maintained a store in downtown Chicago. In 1900, the brothers decided to devote full time to manufacturing and moved operations to a new plant. On April Fools' Day in 1902, that plant burned to the ground. But the company salvaged and re-conditioned its inventory, rebuilt the plant, doubled the floor space, and continued to grow. In 1905, needing still more space, the brothers purchased property, and built a 100,000 square foot, 3-story brick factory. At this point, the company was still involved only in the manufacture of tool holders and related machine tool accessory items.

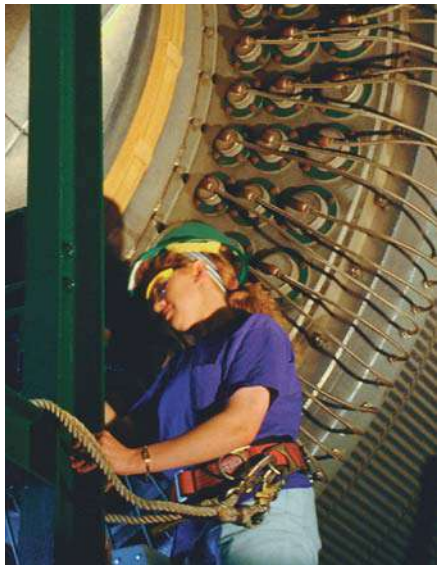
In 1909, Armstrong introduced a line of drop forged wrenches. From its modest beginning selling bicycle parts, the company launched into a line expansion that's continued to today, over 100 years later, with a product line which includes over 6,000 items of mechanic's tools, pipe and tubing tools, machine shop accessories, and cutting tools. Armstrong Tools has a long heritage of high quality manufacturing, predominantly in the U.S.A. and we will continue that heritage.

In December 1994, after 105 years of private ownership by the Armstrong family, the company was acquired by the Danaher Corporation. Danaher's family of brands includes Matco Hand Tools, Armstrong Industrial Tools, GearWrench, Allen Industrial Tools and Hex Keys, K-D Automotive Specialty Tools, Jacobs Chucks, Jobox, Delta among others.

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ARMSTRONG:

120 CATALOG HIGHLIGHTS

Introducing a new catalog numbering scheme to keep you up to date with the latest catalog. As newer catalog versions are released, their identifying number will continue to be indexed.

A FEW HIGHLIGHTS OF THIS CATALOG INCLUDE:

Over 620 new products to provide the unmatched quality, industrial strength, and breadth of line our industrial and commercial customers depend on to earn their livings.

The latest catalog from Armstrong® Industrial Tools represents many significant enhancements as a result of our unwavering commitment to product quality and industrial strength tools and related accessories.

THESE PRODUCTS INCLUDE:

1/4" DRIVE RATCHETS, EXTENSIONS, 6 PT. SOCKETS:
5/32" – 1/4", 4mm – 14mm

1/4" DRIVE RATCHETS, EXTENSIONS, 12 PT. SOCKETS:
3/8" – 1-1/2", 9mm – 36mm

3/8" DRIVE RATCHETS, EXTENSIONS, 12 PT. STANDARD & DEEP SOCKETS:
5/16" – 7/8", 9mm – 21mm

3/8" DRIVE BIT SOCKETS:
7/64" – 3/8", 2mm – 10mm

1/2" DRIVE BIT SOCKETS:
1/4" – 5/8"

1/4" DRIVE 6 PT. IMPACT SOCKETS:
3/16" – 5/8", 4mm – 15mm

1/4" DRIVE 6 PT. IMPACT SOCKETS:
1/4" – 1-1/2"

3/8" DRIVE 6 PT. IMPACT SOCKETS:
5/16" – 3/4", 8mm – 19mm

1/4" DRIVE 12 PT. IMPACT SOCKETS:
9/16" – 2-3/8"

3/8" DRIVE 12 PT. IMPACT SOCKETS:
5/16" – 1", 8mm – 22mm

1/2" DRIVE 6 PT. & 12 PT. IMPACT STANDARD & DEEP SOCKETS:
3/8" – 1-15/16", 10mm – 36mm

COMBINATION WRENCHES 6 PT. REGULAR LENGTH:
11/16 – 1", 9mm – 25mm

COMBINATION WRENCHES 12 PT. REGULAR LENGTH:
1/4" – 1", 6mm – 25mm*

SOLID SHAFT NUTDRIVERS:
3/16" – 1/4", 5mm – 11mm

ASSORTMENT OF LOCKING PLIERS:
5" – 10"

*Available in satin and black oxide finishes



ARMSTRONG:

NEW PRODUCTS

The many new products that have been added to the Armstrong Industrial Tools product line are in response to your needs as a discriminating professional tool user. We begin by understanding your needs through a process we call VOC (Voice Of Customer).

We gather this valuable feedback and incorporate the most desired features and quality cues into each new product design. Intense and thorough engineering is followed by production and field testing to ensure we deliver on the uncompromising quality and desired benefits you've come to know, expect, and demand from us. Above are a few examples of products that have been developed and produced using this very process.

INDUSTRY SOLUTIONS:

INDUSTRIAL

It's not just STRONG. It's ARMSTRONG.

That's the credo we live by for Armstrong Industrial Tools. The demanding industrial and commercial environments of today call for the highest quality, durable, and strongest tools we can provide. Whether managing the tool crib at an automotive manufacturing plant, or constructing the towers and transmission lines that keep us connected to one another and deliver data to the many devices we now rely on, or responsibly mining or harnessing the natural resources of the earth, sea, wind, or sun to provide us the energy we need to keep going day after day, we manufacture Armstrong tools with your specific needs in mind.

INDUSTRIAL MAINTENANCE & REPAIR ORGANIZATION (MRO)

Maximize equipment uptime and reliability or preventative maintenance

ELECTRIC AND COMMUNICATION UTILITIES

Tools high above the ground and far below the surface

MINING AND ENERGY RELATED INDUSTRIES

Rugged environments and extreme weather conditions …

COMMERCIAL CONSTRUCTION

Heavy Duty usage where size really does matter



















INDUSTRY SOLUTIONS:

MILITARY / DEFENSE

Since 1890 Armstrong has been manufacturing reliable, high quality hand tools, made in the USA. Our focus on industrial and military applications brings us the know-how to deliver innovative, high quality tools and solutions. Our commitment to quality is a foundation to our culture and is part of our DBS business system that is well known throughout the industry. We have various product and service solutions designed to meet all of the tool needs for the government and military.

UNIQUE TOOLS FOR MILITARY APPLICATIONS*

CUSTOM KITS AND SOLUTIONS*

* Contact your Armstrong distributor or representative for guidelines and more details

INDUSTRY SOLUTIONS:

CUSTOM TOOLS

ARMSTRONG IS EQUIPPED TO BE YOUR SOLUTION PROVIDER.

Do you have a specific tool need with no solutions on the market? If so, Armstrong's Custom Tool Solution program is right for you. We have a team of engineers who will work directly with you to develop the tool you need at the spec you require. Increase your productivity and safety by having the right tool for the job.

* Custom tool request will need to meet certain quantity and specification requirements.
* Please contact your Armstrong distributor or sales representative for more information.

STEP 1 - CONTACT YOUR ARMSTRONG DISTRIBUTOR

Discuss your specific tool requirements and work with us to ensure your specifications are clearly understood.

STEP 2 - PROTOTYPE

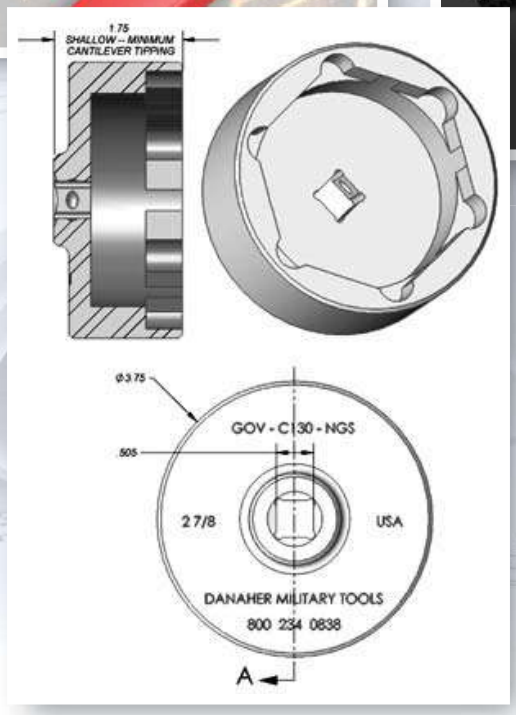
We'll produce a custom tool prototype, and field test it on location to determine if it meets your needs.

STEP 3 - PRODUCTION

We'll build and supply your custom tool to order through your Armstrong distributor.













ARMSTRONG

SAFETY FIRST

Armstrong Tools are often used in hazardous conditions and the utmost care and safety must be adhered to when using any tool to avoid personal or bodily injury. Below are examples of many common safety considerations you should always follow before using any tools. Also please be sure to read any safety or instructional information that may accompany the tool prior to its use.

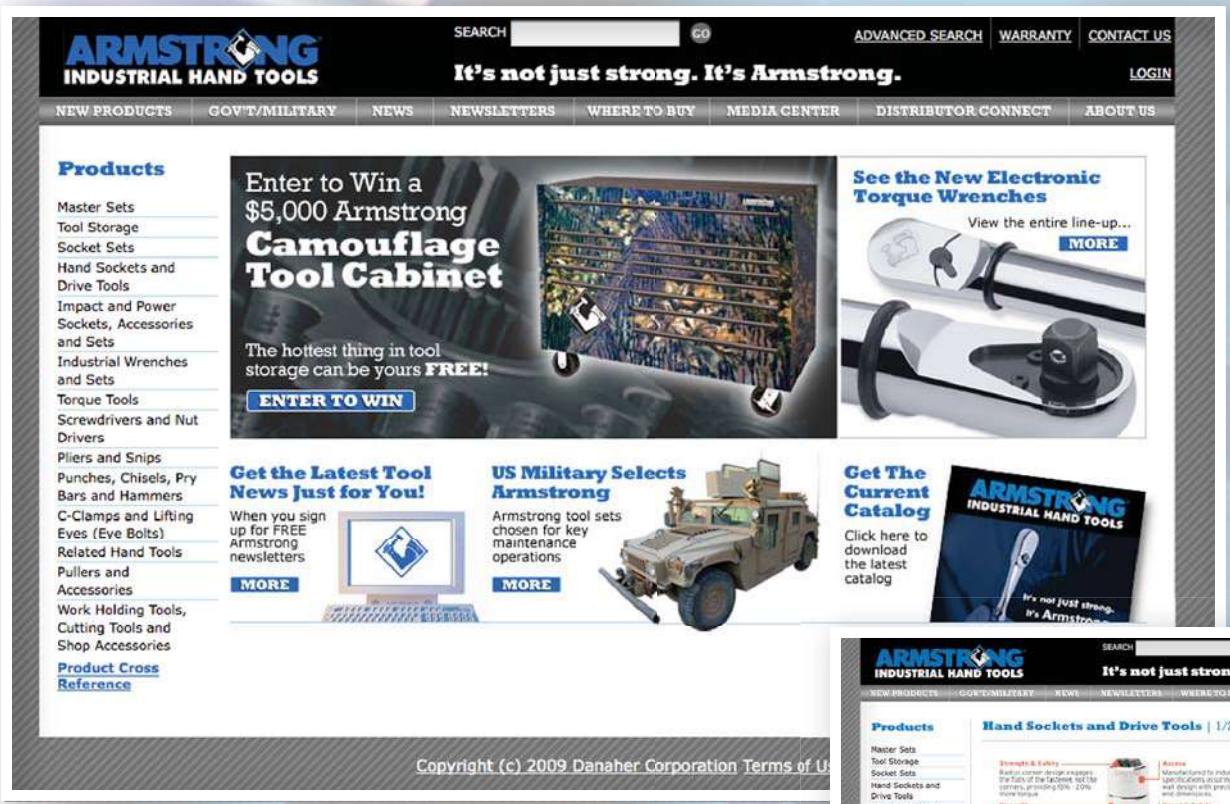
- ALWAYS WEAR SAFETY GOGGLES
- ALWAYS USE THE TOOL IN THE MANNER IT WAS DESIGNED TO BE USED
- BE SURE TO MAINTAIN AND CLEAN THE TOOL PROPERLY
- HEED ALL MANUFACTURER WARNINGS AND DISCLAIMERS

ARMSTRONG

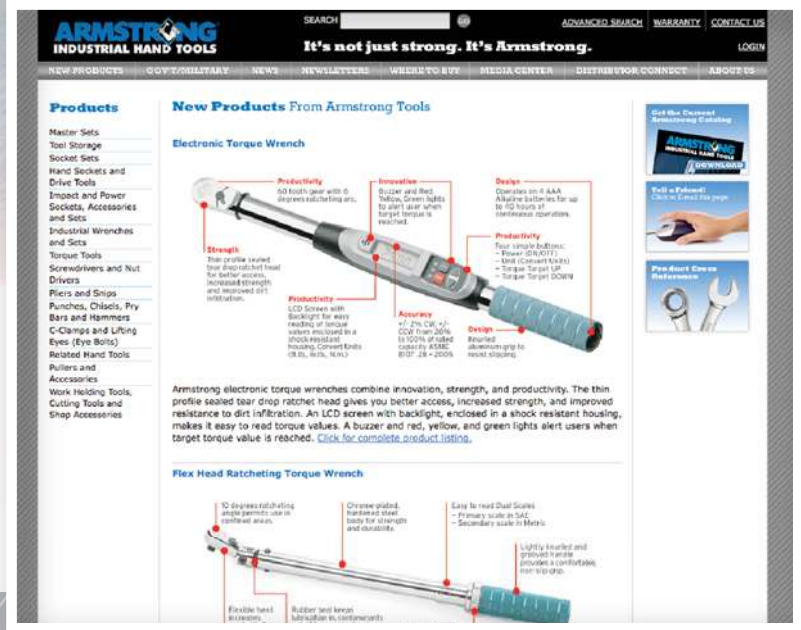
WEBSITE UPDATES

Be sure to visit our newly revamped website at www.armstrongtools.com to see the latest news, articles, and new products as soon as they are available.

- NEW NAVIGATION
- E-NEWSLETTER
- PROMOTIONAL HIGHLIGHT
- PRINTED LITERATURE REQUEST







Cabinets
Top Chests
Accessories
Plastic Storage
Metal Boxes
Vinyl Rolls

STANDARD SERIES



SAFETY
Fully-recessed drawers prevent inadvertent collisions

ACCESS
Full drawer extension allows complete access to drawer contents

STRENGTH
Double-wall construction reduces corner cracking and racking

STRENGTH
Heavy-duty casters maximize mobility and durability

INDUSTRIAL SERIES

ALL the features of the Standard Series, PLUS...



STRENGTH
Heavy-duty ball-bearing slides on all models offer smooth operation even under extreme weight loads

STRENGTH
Industrial scratch-resistant finish resists scratches and wear, even in the most severe industrial environments

STRENGTH
Unibody design - minimum 18 gauge steel - maintains squareness and allows for extra load strength and mobility



19 Drawer Triple Bay Roller Cabinet 16-790

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds	Casters w/Bearings
73.843	24.906	42.078	34,140	Yes	850	6 x 2

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
1 Drawer	48.093	22.906	3.906
1 Drawer	16.843	22.906	3.906
6 Drawers	16.843	22.906	1.906
2 Drawers	16.843	22.906	2.906
2 Drawers	16.843	22.906	11.656
3 Drawers	28.625	22.906	1.906
2 Drawers	28.625	22.906	2.906
2 Drawers	28.625	22.906	3.906

Can be used with 16-888



13 Drawer Double Bay Roller Cabinet 16-988

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds	Casters w/Bearings
54.375	24.906	42.078	24,809	Yes	625	6 x 2

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
1 Drawer	48.093	22.906	3.906
3 Drawers	16.843	22.906	1.906
1 Drawer	16.843	22.906	2.906
1 Drawer	16.843	22.906	11.656
3 Drawers	28.625	22.906	1.906
2 Drawers	28.625	22.906	2.906
2 Drawers	28.625	22.906	3.906

Can be used with 16-888

Always wear eye protection when near tools in use.

8 Drawer Single Bay Roller Cabinet 16-986

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds	Casters
33.406	18.500	40.187	12,370	Yes	295	6 x 2

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
3 Drawers	28.593	16.718	1.906
2 Drawers	28.593	16.718	2.906
2 Drawers	28.593	16.718	3.906
1 Drawer	28.593	16.718	6.531

Can be used with 16-876



8 Drawer Single Bay Roller Cabinet 16-984

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds	Casters
29.687	18.578	41.109	9,701	Yes	270	6 x 2

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
4 Drawers	23.500	16.593	1.906
4 Drawers	23.500	16.593	4.312

Can be used with 16-874





12 Drawer Top Chest 16-888

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds
54.375	24.906	24.562	19,361	Yes	445

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
4 Drawers	16.843	22.906	1.906
2 Drawers	16.843	22.906	2.906
4 Drawers	28.625	22.906	1.906
2 Drawers	28.625	22.906	2.906
Top	54.250	24.906	4.125



5 Drawer Top Chest 16-876

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds
33.406	18.500	21.578	7,430	Yes	218

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
1 Drawer	28.593	16.718	2.906
2 Drawers	28.593	16.718	1.906
2 Drawers	28.593	16.718	1.984
Top	33.218	17.750	4.203



5 Drawer Top Chest 16-874

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds
29.687	18.578	22.640	5,500	Yes	180

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
3 Drawer	23.500	16.593	1.906
2 Drawers	23.500	16.593	4.312

Always wear eye protection when near tools in use.

3 Drawer Intermediate Chest 16-622

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds
33.406	18.500	12.062	3,211	Yes	108

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
2 Drawers	28.593	16.718	1.906
1 Drawer	28.593	16.718	2.906



8 Drawer Side Cabinet 16-625

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds
19.875	24.906	35.312	7,919	Yes	250

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
1 Drawer	14.625	22.906	6.031
3 Drawers	14.625	22.906	1.906
2 Drawers	14.625	22.906	2.906
2 Drawers	14.625	22.906	3.906



7 Drawer Side Cabinet 16-626

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds
18.500	18.500	34.562	6,972	Yes	180

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
3 Drawers	13.656	16.500	1.906
2 Drawers	13.656	16.500	2.906
1 Drawer	13.656	16.500	3.906
1 Drawer	13.656	16.500	10.906





12 Drawer Double Bay Roller Cabinet 16-901

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds	Casters
40.750	18.000	41.250	15,910	Yes	232	5x2

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
1 Drawer	36.625	16.375	4.125
1 Drawer	22.375	16.375	2.000
3 Drawers	22.375	16.375	3.125
2 Drawers	22.375	16.375	6.375
1 Drawer	11.750	16.375	2.000
3 Drawers	11.750	16.375	3.125
1 Drawer	11.750	16.375	12.750



12 Drawer Single Bay Roller Cabinet 16-977

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds	Casters
26.000	18.000	41.250	10,457	No	145	5x2

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
4 Drawers	6.750	16.375	2.000
1 Drawer	6.750	16.375	4.125
6 Drawers	22.375	16.375	3.125
1 Drawer	22.375	16.375	6.375

Always wear eye protection when near tools in use.

9 Drawer Single Bay Roller Cabinet 16-978

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds	Casters
26.500	18.000	41.250	10,562	No	130	5x2

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
2 Drawers	10.625	16.375	4.125
2 Drawers	10.625	16.375	3.125
3 Drawers	22.375	16.375	3.125
2 Drawers	22.375	16.375	6.375



7 Drawer Single Bay Roller Cabinet 16-981

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds	Casters
26.500	18.000	41.250	10,696	No	125	5x2

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
1 Drawer	22.375	16.375	4.125
4 Drawers	22.375	16.375	3.125
2 Drawers	22.375	16.375	6.375





5 Drawer Single Bay Roller Cabinet 16-982

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds	Casters
26.500	18.000	41.250	11,780	No	112	5x2

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
4 Drawers	22.375	16.375	3.125
1 Drawer	22.375	16.375	6.375
Panel Area	26.250	17.750	10.625



3 Drawer Single Bay Roller Cabinet 16-980

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds	Casters
26.500	18.000	35.500	9,518	No	91	5x2

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
2 Drawers	22.375	16.375	3.125
1 Drawer	22.375	16.375	6.375
Panel Area	26.250	17.750	10.625

Always wear eye protection when near tools in use.

11 Drawer Top Chest 16-889

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds
40.500	17.500	19.750	10,362	Yes	143

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
5 Drawers	22.375	16.375	2.000
1 Drawer	22.375	16.375	3.125
4 Drawers	11.750	16.375	2.000
1 Drawer	11.750	16.375	5.250
Top	40.375	17.500	4.460



11 Drawer Top Chest 16-883

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds
40.500	16.000	19.750	9,326	No	110

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
5 Drawers	22.375	14.625	2.000
1 Drawer	22.375	14.625	3.125
4 Drawers	11.750	14.625	2.000
1 Drawer	11.750	14.625	5.250
Top	40.500	16.000	4.460





12 Drawer Top Chest 16-881

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds
26.000	12.000	19.750	4,335	No	64

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
9 Drawers	6.750	10.750	2.000
2 Drawers	22.375	10.750	2.000
1 Drawer	22.375	10.750	3.125
Top	26.000	12.000	2.375



10 Drawer Top Chest 16-882

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds
26.000	12.000	19.750	4,358	No	60

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
6 Drawers	6.750	10.750	2.000
1 Drawer	6.750	10.750	6.375
2 Drawers	22.375	10.750	2.000
1 Drawer	22.375	10.750	3.125
Top	26.000	12.000	2.375



6 Drawer Top Chest 16-880

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds
26.000	12.000	15.500	3,467	No	47

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
3 Drawers	6.750	10.750	2.000
2 Drawers	22.375	10.750	2.000
1 Drawer	22.375	10.750	3.125
Top	26.000	12.000	2.375

Always wear eye protection when near tools in use.

6 Drawer Side Cabinet 16-611

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds
15.750	18.000	35.500	5,649	No	67

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
1 Drawer	11.750	16.375	4.125
4 Drawers	11.750	16.375	3.125
1 Drawer	11.750	16.375	12.750



4 Drawer Intermediate Chest 16-620

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Drawer Bearings	Weight, Pounds
26.000	12.000	12.250	1,929	No	31

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
4 Drawers	22.375	10.750	2.000





Hand Box 16-605

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Weight, Pounds
20.000	8.000	9.000	1,440	11.5



Hand Box 16-607

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Weight, Pounds
16.000	7.000	7.500	822	7.0

PLASTIC STORAGE PRODUCTS

- MOLDED FROM HEAVY-DUTY POLYPROPYLENE

- Will not dent or rust

- THREE LEVELS OF STORAGE: TOTE, TOP TRAY AND TUB

- Organizes hand tools, power tools and supplies

- "V" GROOVE IN LID

- Holds pipes, dowels and similar items in place for sawing



Plastic Hand Box 16-602*

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Weight, Pounds
20.750	13.500	16.750	4,095	11.5

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
Top Tray	20.750	13.500	2.500
Middle Tray	20.750	13.500	5.250
Bottom	20.750	13.500	13.500

*Made in Mexico



Plastic Hand Box 16-600*

Width, Inches	Depth, Inches	Height, Inches	Cubic Inches	Weight, Pounds
16.250	9.000	12.500	1,165	6.5

Drawer Dimensions	Width, Inches	Depth, Inches	Height, Inches
Top Tray	16.000	7.375	2.000
Middle Tray	16.000	7.375	3.000
Bottom	16.000	7.375	7.000

*Made in Mexico

Always wear eye protection when near tools in use.

Steel Cases and Tote Trays

Product Number	Length, Inches	Width, Inches	Height, Inches	Used for these Tool Sets	Weight, Pounds
16-601	6.500	3.500	1.250	15-225, 15-230, 15-235, 44-210	0.86
16-604	10.000	5.625	1.500	15-210, 15-215, 15-220, 44-205	1.96
16-606	17.000	5.625	1.250	15-200, 44-200	2.61
16-613	17.000	5.250	3.000	15-205, 15-320, 15-325, 15-330, 15-340, 44-310, 44-315	4.60
16-615	21.500	5.625	3.125	15-310, 44-300	6.21
16-621	14.000	5.750	3.000	15-335, 44-320	4.05
16-623	17.500	3.250	2.125	15-540, 44-525	2.48
16-629	23.000	7.500	4.125	15-510, 15-515, 15-520, 15-525, 15-530, 15-535, 44-510, 44-515, 44-520	7.43
16-635	23.000	7.500	4.125	—	7.76
16-641	31.250	8.000	5.000	15-710, 15-715, 44-710, 15-810	18.52
16-649	11.000	4.000	1.500	15-345, 15-350, 44-325	1.71
16-651	22.750	8.625	8.375	—	15.21
16-653*	22.500	8.500	3.000	—	2.97
16-657	27.500	11.500	5.500	15-700, 15-705, 44-700, 44-705	19.59
16-659	35.000	11.500	5.500	15-800, 15-805	24.94
16-681	9.000	1.625	1.750	—	0.47
16-685	9.500	1.500	3.500	—	0.56
16-691	14.250	1.750	3.500	—	1.09
16-695	19.000	2.250	2.250	—	1.16

*Tote Tray for 16-651 Steel Case. Sold separately.



Blow Mold Case

Product Number	Length, Inches	Width, Inches	Height, Inches	Used for these Tool Sets	Weight, Pounds
16-697	10.000	5.500	1.500	44-380, 15-430	0.46

Socket Bars and Clips

Bars accept clips in all drive sizes and are drilled at each end for easy attachment to wall, workbench or drawer. Made of heavy gauge steel and bright plated. Clips sold in standard package of 10 pieces only.

Bars

Product Number	Length, Inches	Weight, Pounds
16-831	9.000	0.06
16-832	11.000	0.07
16-834	13.000	0.10
16-835	17.000	0.14

Clips

Product Number	Drive Size, Inches	Weight, Pounds
16-841	1/4	0.01
16-843	3/8	0.01
16-845	1/2	0.04
16-847	3/4	0.10



Plastic Socket Bars and Clips

Heavy-duty plastic socket bars accept clips in all drive sizes. Color-coded for use with fractional (red) and metric (blue) sockets. Clips sold in standard package of 15 pieces only.

Bars

Product Number		Length, Inches	Weight, Pounds
16-836	Red-Fractional	10.000	0.08
16-837	Blue-Metric	10.000	0.08
16-838	Red-Fractional	15.000	0.12
16-839	Blue-Metric	15.000	0.12

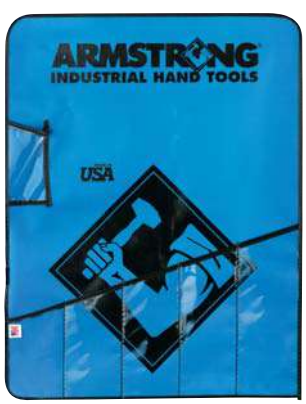
Clips

Product Number	Drive Size, Inches	Weight, Pounds
16-844	1/4	0.04
16-846	3/8	0.09
16-848	1/2	0.17







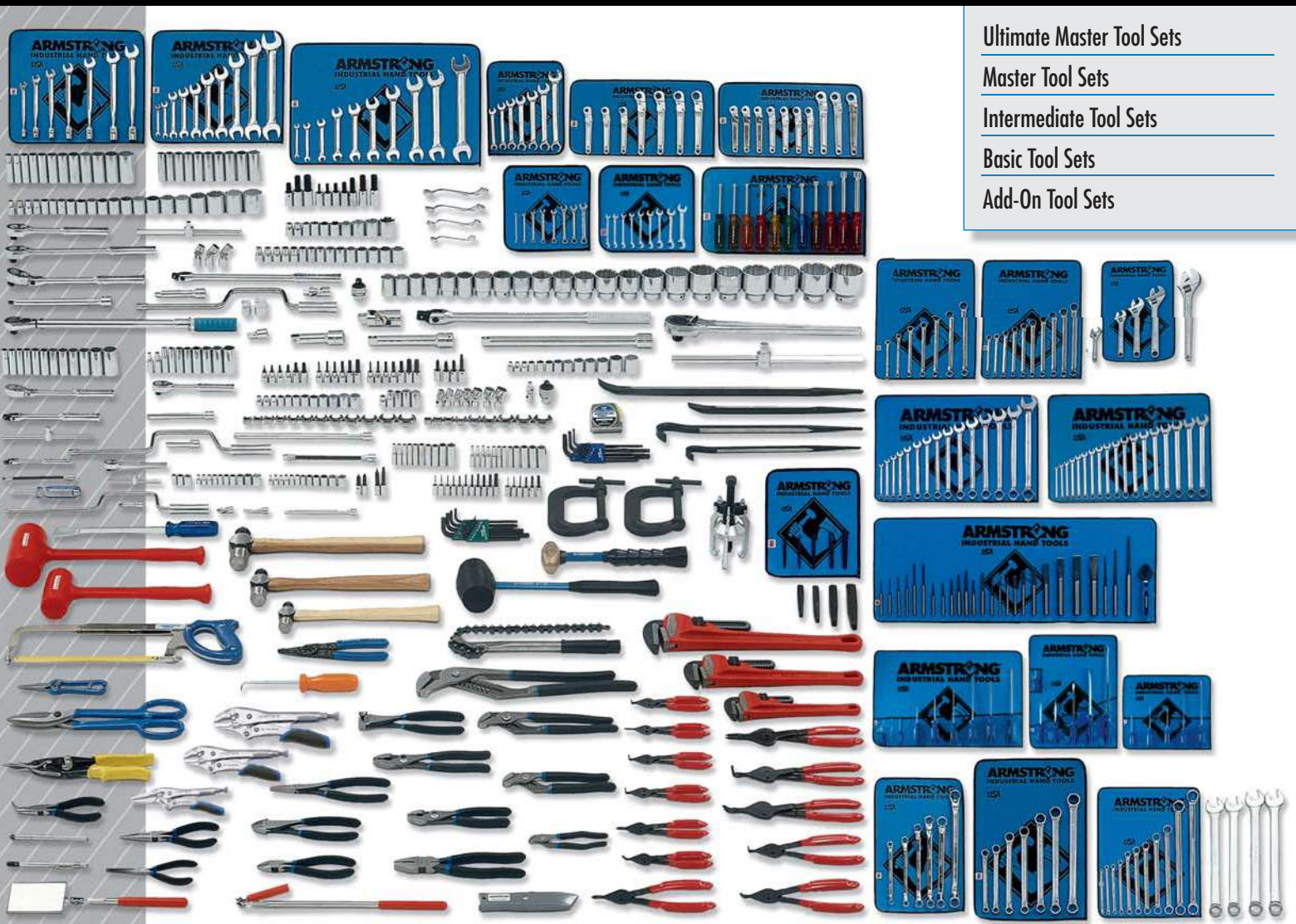


Vinyl Rolls

Product	Number of Pockets	Dimensions, Inches Width	Height	Used In These Tool Sets
				Wrench Sets
29-472	3	6.500	11.500	28-153
29-474	3	10.000	17.000	28-850, 28-855, 34-850
29-476	4	6.250	6.500	27-563
29-416	4	8.250	13.000	25-692, 27-768, 26-730, 26-700
29-418	5	7.000	8.500	27-939, 70-970
29-420	5	11.250	15.000	27-635, 53-841, 29-273, 30-973, 53-700, 26-730, 28-155, 55-387
29-421	5	9.375	17.500	26-849
29-422	6	11.250	11.000	53-270
29-424	6	15.000	18.000	27-570, 54-571
29-426	7	18.500	10.500	66-843, 28-386
29-428	7	13.250	21.000	26-852
29-430	7	11.750	8.000	25-609, 25-605, 30-609
29-432	7	13.750	18.000	25-671, 25-631, 25-677, 30-631, 25-694, 27-609, 27-708, 53-843
29-434	7	8.000	7.000	52-601, 54-941
29-436	7	14.500	6.500	54-668, 27-885, 28-250
29-438	8	7.375	6.000	25-602
29-440	8	14.375	13.000	27-770
29-442	9	26.000	21.500	54-573
29-444	9	11.375	8.500	27-942
29-446	9	10.625	7.000	27-937
29-448	9	14.125	13.000	52-630, 52-679
29-450	10	20.000	8.000	52-607, 52-605, 55-386
29-451	10	16.375	13.375	25-667
29-452	10	21.250	17.000	25-637, 25-680, 25-626, 52-671, 52-631, 52-623, 52-677, 27-708, 54-609, 53-273
29-454	10	28.000	26.000	30-635, 26-282
29-456	11	29.000	10.250	66-845, 66-848
29-458	11	22.000	12.500	25-675, 25-696, 53-845
29-460	13	15.000	8.500	25-675, 25-696, 53-845
29-462	13	24.500	13.000	25-613, 30-613
29-464	14	34.500	17.000	27-895
29-466	14	24.250	14.000	52-619, 52-627
29-468	15	24.875	17.000	25-657, 25-642, 25-689, 25-681, 30-644, 52-634, 52-632, 52-684, 52-682, 52-628
29-470	18	33.250	17.000	52-638, 52-686
				Punch and Chisel Sets
29-401	19	30.250	14.000	70-550
29-402	19	29.000	14.000	70-567
29-403	27	37.875	14.000	70-568
29-404	12	16.000	8.500	70-565
29-405	10	17.750	11.250	70-552, 70-563
29-406	7	10.750	10.500	70-553, 70-554, 70-557, 70-563
29-407	5	7.625	12.000	70-556, 70-559, 70-560, 70-564
				Screwdriver and Nut Driver Sets
29-410	4	11.000	17.000	66-610, 66-618, 66-639
29-411	5	15.000	13.000	66-611, 66-615
29-412	6	15.000	20.000	66-606, 66-608, 66-611, 66-619, 66-640
29-413	7	20.500	13.250	66-614
29-414	7	16.500	20.000	66-626
29-415	8	25.250	17.000	66-604, 66-611, 66-612, 66-620
29-426	7	18.500	10.500	66-843
29-456	11	29.000	10.250	66-845, 66-848
29-472	3	6.500	11.500	66-692

Always wear eye protection when near tools in use.

Ultimate Master Tool Sets
Master Tool Sets
Intermediate Tool Sets
Basic Tool Sets
Add-On Tool Sets



Armstrong Industrial Hand Tools Master Set Program allows professional technicians to choose the set that best meets their unique demands. Armstrong offers a complete line of fractional and metric sets including single drive size sets and multiple drive size sets that range from 1/4" through 1".

Each master set is designed to include the most popular sizes and innovative new products such as the Armstrong Ratcheting Wrench. Whether it's the 1,295 piece Ultimate Master Set—the largest set in the industrial market—or a 62 piece Basic Set, each Armstrong set has been developed to help the professional technician accomplish even the most difficult industrial application quickly and effectively. That's the Armstrong Performance Difference.

Choice of three groups of tools:

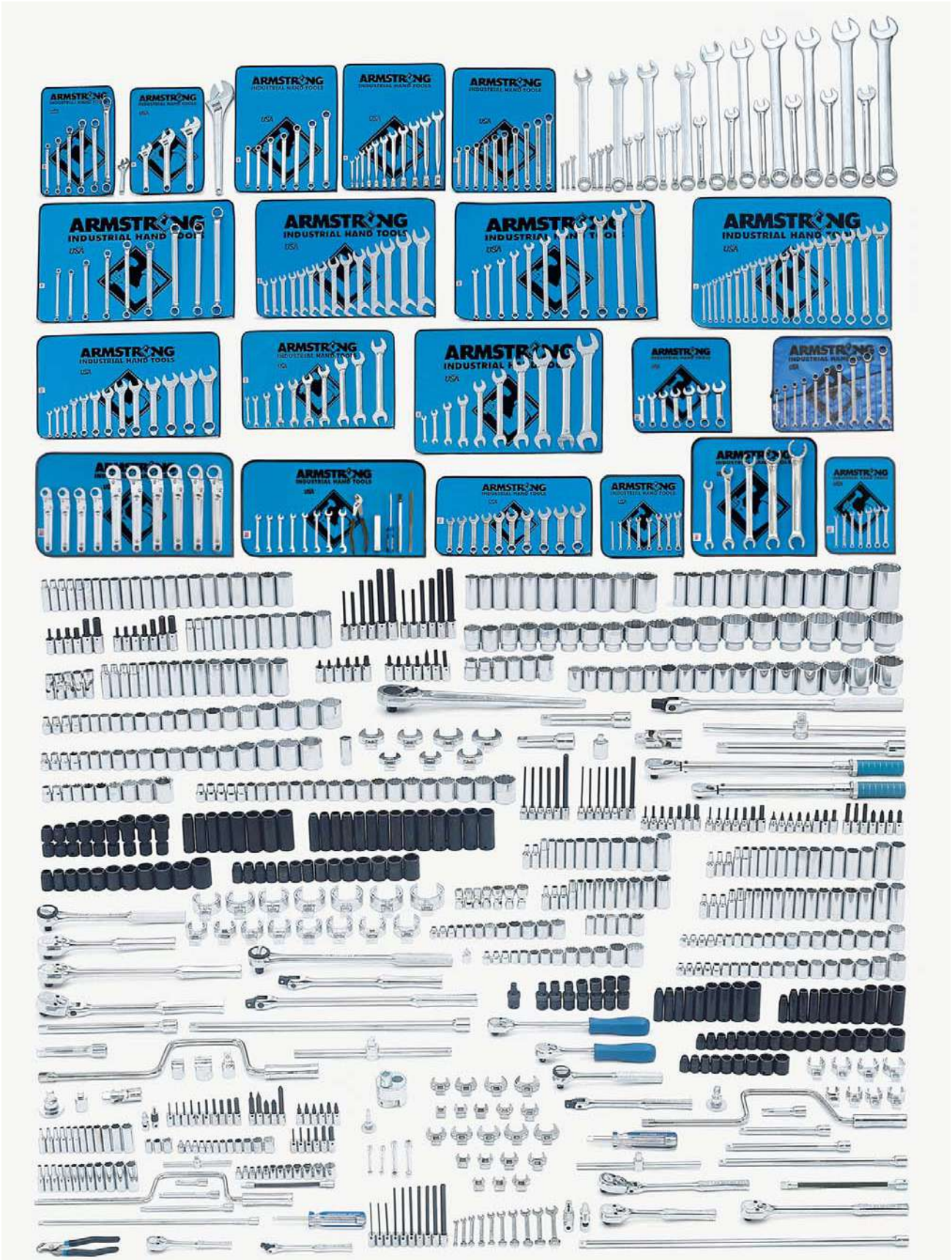
MASTER SETS An extensive and thorough selection of industrial hand tools designed to handle a wide variety of tasks

INTERMEDIATE SETS Offers the professional user the most popular hand tools

BASIC SETS Comprised of the tools required to handle the most basic industrial applications

The add-on sets are comprised of the most popular sockets, wrenches and accessories and are designed to compliment an existing Armstrong set, without duplication of drive tools.

Each Master Set provides the professional technician with the ability to select the tool storage system that fits their demands. Choose from Industrial Series tool boxes, Standard Series tool boxes—or you can order only the tools and choose the particular box that best suits your needs. Every Armstrong tool box is available, including the largest in the industry—the Triple Bay Industrial Series Tool Box.



Always wear eye protection when near tools in use.



Set 15-000
1195 Pc. Ultimate Master Set With Industrial Series Box

1/4", 3/8", 1/2" and 3/4" Drive

With 19 drawer triple bay roller cabinet 16-790 and 12 drawer top chest 16-888

Set 15-001
1195 Pc. Ultimate Master Set Tools Only

1/4", 3/8", 1/2" and 3/4" Drive

No Box; Tools Only

Works on fasteners sizes 1/8" through 2-3/8" and 2mm through 50mm.

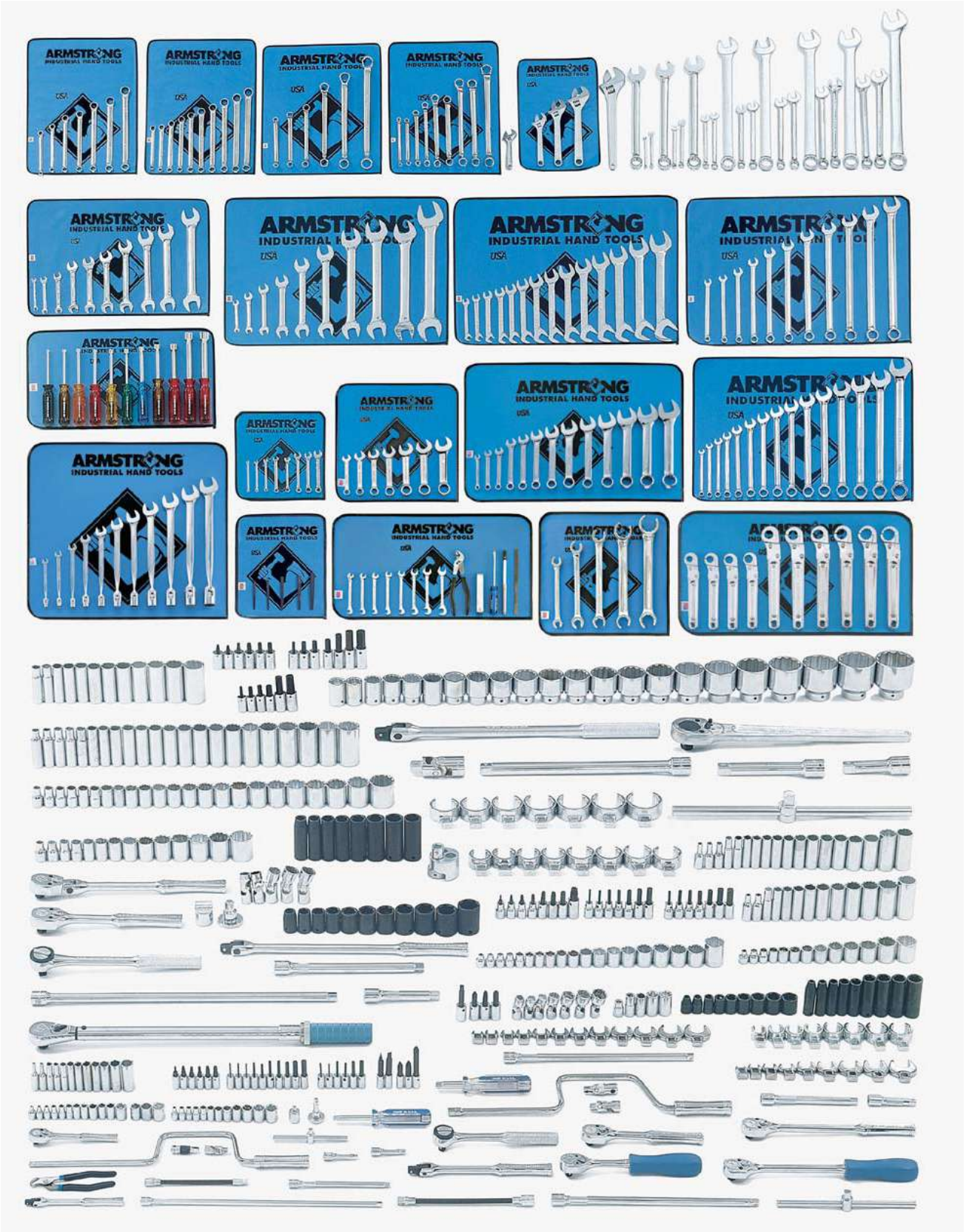
Contains:

713	Sockets and Accessories
228	Wrenches
33	Pliers and Snips
61	Screwdrivers / Nutdrivers
82	Striking and Struck Tools
75	Miscellaneous Tools

Complete set contents listed in Appendix A.

Not all products are Armstrong branded.





Always wear eye protection when near tools in use.



Set 15-005
761 Pc. Master Set
With Industrial Series Box

1/4", 3/8", 1/2" and 3/4" Drive

With 19 drawer triple bay roller cabinet
16-790

Set 15-006
761 Pc. Master Set
Tools Only

1/4", 3/8", 1/2" and 3/4" Drive

No Box; Tools Only

Works on fasteners sizes 1/8" through 2-3/8" and 2mm through 36mm.

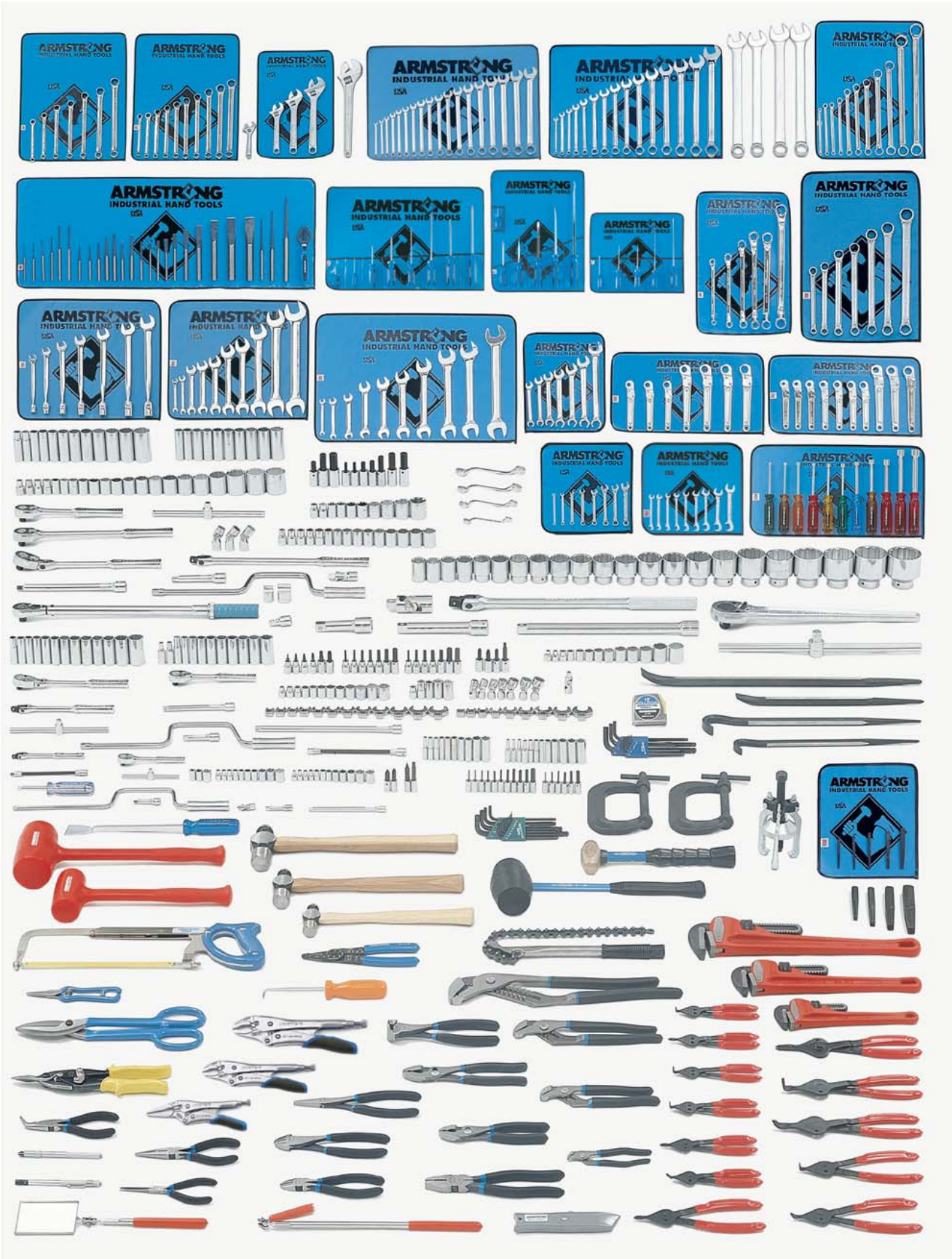
Contains:

410	Sockets and Accessories
185	Wrenches
21	Pliers and Snips
39	Screwdrivers / Nutdrivers
40	Striking and Struck Tools
66	Miscellaneous Tools

Complete set contents listed in Appendix A.



Master Tool Sets



Always wear eye protection when near tools in use.

Set 15-010
623 Pc. Master Set
With Industrial Series Box

1/4", 3/8", 1/2" and 3/4" Drive

With 13 drawer double bay roller cabinet
16-988

Set 15-011
623 Pc. Master Set
Tools Only

1/4", 3/8", 1/2" and 3/4" Drive

No Box; Tools Only

Works on fasteners sizes 1/8" through 2-3/8" and 2.5mm through 26mm.

Contains:

319	Sockets and Accessories
159	Wrenches
33	Pliers / Snips
32	Screwdrivers / Nutdrivers
38	Striking and Struck Tools
42	Miscellaneous Tools

Complete set contents listed in Appendix A.



SAFETY NOTICE

HAND TOOL SAFETY STARTS WITH QUALITY TOOLS!

HAVING THE "RIGHT" TOOL ALWAYS AVAILABLE HELPS ELIMINATE TOOL MISUSE!

A CONSTANT TOOL MAINTENANCE AND REPLACEMENT PROGRAM HELPS AVOID THE USE OF UNSAFE TOOLS.



Set 15-015
453 Pc. Master Set
With Industrial Series Box

1/4", 3/8", 1/2" and 3/4" Drive

With 8 drawer single bay roller cabinet
16-986 and 9 drawer top chest 16-876

Set 15-016
453 Pc. Master Set
With Standard Series Box

1/4", 3/8", 1/2" and 3/4" Drive

With 7 drawer single bay roller cabinet
16-981 and 10 drawer top chest 16-882

Set 15-017
453 Pc. Master Set Tools Only

1/4", 3/8", 1/2" and 3/4" Drive

No Box; Tools Only

Works on fasteners sizes 1/8" through 2-3/8".

Contains:

220	Sockets and Accessories
97	Wrenches
32	Pliers / Snips
32	Screwdrivers / Nutdrivers
38	Striking and Struck Tools
34	Miscellaneous Tools

Complete set contents listed in Appendix A.





Always wear eye protection when near tools in use.

Set 15-020
272 Pc. Intermediate Set
With Industrial Series Box

1/4", 3/8", 1/2" and 3/4" Drive

With 8 drawer single bay roller cabinet
16-986

Set 15-021
272 Pc. Intermediate Set
With Standard Series Box

1/4", 3/8", 1/2" and 3/4" Drive

With 12 drawer single bay roller cabinet
16-977

Set 15-022
272 Pc. Intermediate Set
Tools Only

1/4", 3/8", 1/2" and 3/4" Drive

No Box; Tools Only

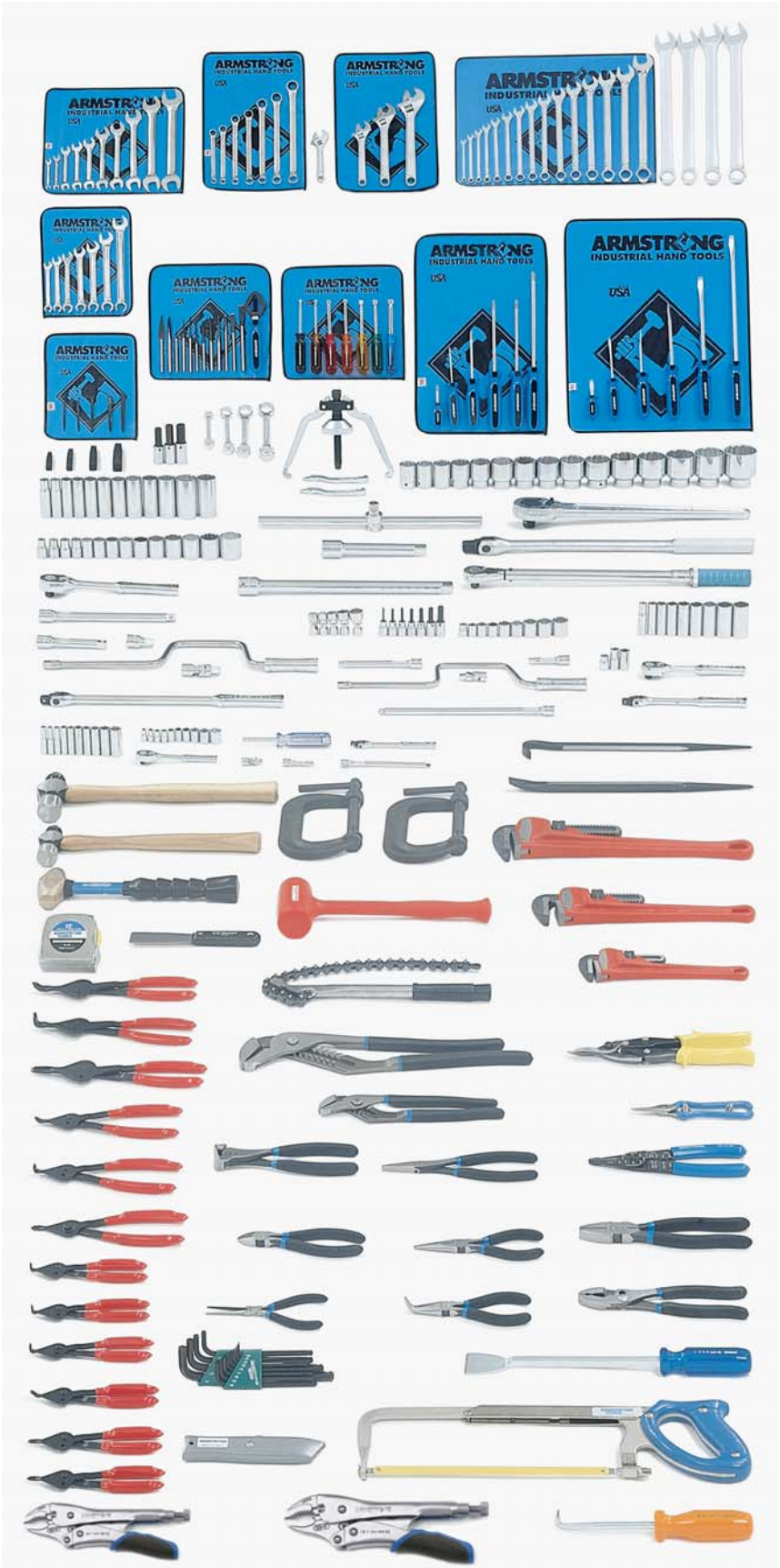
Works on fasteners sizes 3/16" through 2".

Contains:

122	Sockets and Accessories
55	Wrenches
27	Pliers / Snips
19	Screwdrivers / Nutdrivers
20	Striking and Struck Tools
29	Miscellaneous Tools

Complete set contents listed in Appendix A.







Set 15-025
164 Pc. Basic Set
With Industrial Series Box

1/4", 3/8", 1/2" and 3/4" Drive

With 8 drawer single bay roller cabinet
16-984

Set 15-026
164 Pc. Basic Set
With Standard Series Box

1/4", 3/8", 1/2" and 3/4" Drive

With 7 drawer single bay roller cabinet
16-981

Set 15-027
164 Pc. Basic Set
Tools Only

1/4", 3/8", 1/2" and 3/4" Drive

No Box; Tools Only

Works on fasteners sizes 3/16" through 2".

Contains:

85	Sockets and Accessories
19	Wrenches
10	Pliers / Snips
12	Screwdrivers
19	Striking and Struck Tools
19	Miscellaneous Tools

Complete set contents listed in Appendix A.



Master Sets

Always wear eye protection when near tools in use.

Set 15-030
406 Pc. Master Set
With Industrial Series Box

3/8", 1/2" and 3/4" Drive

With 8 drawer single bay roller cabinet
16-986 and 9 drawer top chest 16-876

Set 15-031
406 Pc. Master Set
With Standard Series Box

3/8", 1/2" and 3/4" Drive

With 12 drawer single bay roller cabinet
16-977 and 12 drawer top chest 16-881

Set 15-032
406 Pc. Master Set
Tools Only

3/8", 1/2" and 3/4" Drive

No Box; Tools Only

Works on fasteners sizes 1/8" through 2-3/8".

Contains:

171	Sockets and Accessories
92	Wrenches
33	Pliers / Snips
32	Screwdrivers / Nutdrivers
38	Striking and Struck Tools
40	Miscellaneous Tools

Complete set contents listed in Appendix A.









Set 15-035
248 Pc. Intermediate Set With Industrial Series Box

3/8", 1/2" and 3/4" Drive

With 8 drawer single bay roller cabinet
16-986

Set 15-036
248 Pc. Intermediate Set With Standard Series Box

3/8", 1/2" and 3/4" Drive

With 12 drawer single bay roller cabinet
16-977

Set 15-037
248 Pc. Intermediate Set Tools Only

3/8", 1/2" and 3/4" Drive

No Box; Tools Only

Works on fasteners sizes 1/4" through 2".

Contains:

97	Sockets and Accessories
55	Wrenches
26	Pliers / Snips
19	Screwdrivers / Nutdrivers
19	Striking and Struck Tools
32	Miscellaneous Tools

Complete set contents listed in Appendix A.



Always wear eye protection when near tools in use.

Set 15-040
148 Pc. Basic Mechanics Set With Industrial Series Box

3/8", 1/2" and 3/4" Drive

With 8 drawer single bay roller cabinet
16-984

Set 15-041
148 Pc. Basic Mechanics Set With Standard Series Box

3/8", 1/2" and 3/4" Drive

With 7 drawer single bay roller cabinet
16-981

Set 15-042
148 Pc. Basic Mechanics Set Tools Only

3/8", 1/2" and 3/4" Drive

No Box; Tools Only

Works on fasteners sizes 5/16" through 2".

Contains:

- 70 Sockets and Accessories
- 19 Wrenches
- 11 Pliers / Snips
- 12 Screwdrivers
- 18 Striking and Struck Tools
- 18 Miscellaneous Tools

Complete set contents listed in Appendix A.







Set 15-045
417 Pc. Master Set
With Industrial Series Box

1/4", 3/8" and 1/2" Drive

With 8 drawer single bay roller cabinet 16-984 and 9 drawer top chest 16-874

Set 15-046
417 Pc. Master Mechanics Set
With Standard Series Box

1/4", 3/8" and 1/2" Drive

With 7 drawer single bay roller cabinet 16-981 and 12 drawer top chest 16-881

Set 15-047
417 Pc. Master Mechanics Set
Tools Only

1/4", 3/8" and 1/2" Drive

No Box; Tools Only

Works on fasteners sizes 1/8" through 1-1/2".

Contains:

189	Sockets and Accessories
87	Wrenches
32	Pliers / Snips
32	Screwdrivers / Nutdrivers
36	Striking and Struck Tools
41	Miscellaneous Tools

Complete set contents listed in Appendix A.





Always wear eye protection when near tools in use.

Set 15-050
227 Pc. Intermediate Set
With Industrial Series Box

1/4", 3/8" and 1/2" Drive

With 9 drawer top chest 16-876

Set 15-051
227 Pc. Intermediate Set
With Standard Series Box

1/4", 3/8" and 1/2" Drive

With 10 drawer top chest 16-882

Set 15-052
227 Pc. Intermediate Set
Tools Only

1/4", 3/8" and 1/2" Drive

No Box; Tools Only

Works on fasteners sizes 1/8" through 1-1/4".

Contains:

102	Sockets and Accessories
48	Wrenches
14	Pliers / Snips
19	Screwdrivers / Nutdrivers
18	Striking and Struck Tools
26	Miscellaneous Tools

Complete set contents listed in Appendix A.







Set 15-055
131 Pc. Basic Set
With Industrial Series Box

1/4", 3/8" and 1/2" Drive

With 9 drawer top chest 16-876

Set 15-056
131 Pc. Basic Set
With Standard Series Box

1/4", 3/8" and 1/2" Drive

With 10 drawer top chest 16-882

Set 15-057
131 Pc. Basic Set Tools Only

1/4", 3/8" and 1/2" Drive

No Box; Tools Only

Works on fasteners sizes 3/16" through 1-1/4".

Contains:

65	Sockets and Accessories
17	Wrenches
9	Pliers / Snips
8	Screwdrivers
16	Striking and Struck Tools
16	Miscellaneous Tools

Complete set contents listed in Appendix A.



Always wear eye protection when near tools in use.

Set 15-060
163 Pc. Intermediate Set With Industrial Series Box

3/8" and 1/2" Drive

With 9 drawer top chest 16-876

Set 15-061
163 Pc. Intermediate Set With Standard Series Box

3/8" and 1/2" Drive

With 10 drawer top chest 16-882

Set 15-062
163 Pc. Intermediate Set Tools Only

3/8" and 1/2" Drive

No Box; Tools Only

Works on fasteners sizes 1/8" through 1-1/4".

Contains:

- 76 Sockets and Accessories
- 27 Wrenches
- 12 Pliers
- 12 Screwdrivers
- 17 Striking and Struck Tools
- 19 Miscellaneous Tools

Complete set contents listed in Appendix A.







Set 15-065
96 Pc. Basic Set With Box

3/8" and 1/2" Drive

With hand box 16-605

Set 15-066
96 Pc. Basic Set Tools Only

3/8" and 1/2" Drive

No Box; Tools Only

Works on fasteners sizes 5/16" through 1-1/4".

Contains:

41	Sockets and Accessories
17	Wrenches
6	Pliers
8	Screwdrivers
15	Striking and Struck Tools
9	Miscellaneous Tools

Complete set contents listed in Appendix A.



Always wear eye protection when near tools in use.

Set 15-070
78 Pc. Basic Set With Box

1/2" Drive

With hand box 16-605

Set 15-071
78 Pc. Basic Set Tools Only

1/2" Drive

No Box; Tools Only

Works on fasteners sizes 5/16" through 1-1/4".

Contains:

30	Sockets and Accessories
17	Wrenches
5	Pliers
8	Screwdrivers
9	Striking and Struck Tools
9	Miscellaneous Tools

Complete set contents listed in Appendix A.







Set 15-075
62 Pc. Basic Set With Box

3/8" Drive

With hand box 16-605

Set 15-076
62 Pc. Basic Set Tools Only

3/8" Drive

No Box; Tools Only

Works on fasteners sizes 3/8" through 7/8".

Contains:

21	Sockets and Accessories
12	Wrenches
5	Pliers
5	Screwdrivers
10	Striking and Struck Tools
9	Miscellaneous Tools

Complete set contents listed in Appendix A.



Always wear eye protection when near tools in use.

Set 15-080
131 Pc. Small Tool Set With Box

1/4" Drive

With hand box 16-605

Set 15-081
131 Pc. Small Tool Set Tools Only

1/4" Drive

No Box; Tools Only

Works on fasteners sizes 5/64" through 3/4".

Contains:

- 39 Sockets and Accessories
- 29 Wrenches
- 14 Pliers / Snips
- 18 Screwdrivers / Nutdrivers
- 8 Striking and Struck Tools
- 23 Miscellaneous Tools

Complete set contents listed in Appendix A.







Set 15-085
195 Pc. Master Socket and Wrench Set With Industrial Series Box

1/4", 3/8" and 1/2" Drive

With 9 drawer top chest 16-876

Set 15-086
195 Pc. Master Socket and Wrench Set With Standard Series Box

1/4", 3/8" and 1/2" Drive

With 10 drawer top chest 16-882

Set 15-087
195 Pc. Master Socket and Wrench Set Tools Only

1/4", 3/8" and 1/2" Drive

No Box; Tools Only

Works on fasteners sizes 1/8" through 1-1/4".

Contains:

111	Sockets and Accessories
59	Wrenches
1	Plier
11	Nutdrivers
13	Miscellaneous

Complete set contents listed in Appendix A.



Always wear eye protection when near tools in use.

Set 15-090
71 Pc. Heavy Equipment Set With Industrial Series Box

3/4" and 1" Drive

With 8 drawer single bay roller cabinet 16-986

Set 15-091
71 Pc. Heavy Equipment Set Tools Only

3/4" and 1" Drive

No Box; Tools Only

Works on fasteners sizes 1" through 3-1/2".

Contains:

46	Sockets and Accessories
16	Wrenches
7	Striking and Struck Tools
2	Miscellaneous Tools

Complete set contents listed in Appendix A.







Set 15-095
94 Pc. Heavy Equipment Set With Industrial Series Box

3/8", 1/2" and 3/4" Drive

With 8 drawer top chest 16-874

Set 15-096
94 Pc. Heavy Equipment Set With Standard Series Box

3/8", 1/2" and 3/4" Drive

With 6 drawer top chest 16-880

Set 15-097
94 Pc. Heavy Equipment Set Tools Only

3/8", 1/2" and 3/4" Drive

No Box; Tools Only

Works on fasteners sizes 1/4" through 2-1/4".

Contains:

52	Sockets and Accessories
21	Wrenches
5	Pliers
3	Screwdrivers
11	Striking and Struck Tools
2	Miscellaneous Tools

Complete set contents listed in Appendix A.



Always wear eye protection when near tools in use.

Set 44-000
111 Pc. Metric Add-on Set With Industrial Series Box

1/4", 3/8" and 1/2" Drive

With 3 drawer intermediate chest 16-622

Set 44-001
111 Pc. Metric Add-on Set With Standard Series Box

1/4", 3/8" and 1/2" Drive

With 4 drawer intermediate chest 16-620

Set 44-002
111 Pc. Metric Add-on Set Tools Only

1/4", 3/8" and 1/2" Drive

No Box; Tools Only

Works on fasteners sizes 4mm through 26mm.

Contains:

- 84 Sockets and Accessories
- 18 Wrenches
- 9 Hex Keys

Complete set contents listed in Appendix A.







Set 44-005
248 Pc. Metric Intermediate Set With Industrial Series Box

1/4", 3/8", 1/2" and 3/4" Drive

With 8 drawer single bay roller cabinet
16-986

Set 44-006
248 Pc. Metric Intermediate Set With Standard Series Box

1/4", 3/8", 1/2" and 3/4" Drive

With 7 drawer single bay roller cabinet
16-981

Set 44-007
248 Pc. Metric Intermediate Set Tools Only

1/4", 3/8", 1/2" and 3/4" Drive

No Box; Tools Only

Works on fasteners sizes 4mm through 46mm.

Contains:

110	Sockets and Accessories
45	Wrenches
28	Pliers / Snips
19	Screwdrivers / Nutdrivers
19	Striking and Struck Tools
27	Miscellaneous Tools

Complete set contents listed in Appendix A.



Always wear eye protection when near tools in use.

Set 44-010
355 Pc. Metric Master Set With Industrial Series Box

1/4", 3/8" and 1/2" Drive

With 8 drawer single bay roller cabinet 16-986 and 9 drawer top chest 16-876

Set 44-011
355 Pc. Metric Master Set With Standard Series Box

1/4", 3/8" and 1/2" Drive

With 7 drawer single bay roller cabinet 16-981 and 10 drawer top chest 16-882

Set 44-012
355 Pc. Metric Master Set Tools Only

1/4", 3/8" and 1/2" Drive

No Box; Tools Only

Works on fasteners sizes 2.5mm through 36mm.

Contains:

156	Sockets and Accessories
66	Wrenches
32	Pliers / Snips
34	Screwdrivers / Nutdrivers
36	Striking and Struck Tools
31	Miscellaneous Tools

Complete set contents listed in Appendix A.









Set 44-015
229 Pc. Metric Intermediate Set With Industrial Series Box

1/4", 3/8" and 1/2" Drive

With 9 drawer top chest 16-876

Set 44-016
229 Pc. Metric Intermediate Set With Standard Series Box

1/4", 3/8" and 1/2" Drive

With 7 drawer single bay roller cabinet 16-982

Set 44-017
229 Pc. Metric Intermediate Set Tools Only

1/4", 3/8" and 1/2" Drive

No Box; Tools Only

Works on fasteners sizes 4mm through 26mm.

Contains:

104	Sockets and Accessories
52	Wrenches
16	Pliers / Snips
19	Screwdrivers / Nutdrivers
18	Striking and Struck Tools
20	Miscellaneous Tools

Complete set contents listed in Appendix A.



Always wear eye protection when near tools in use.

Set 44-020
138 Pc. Metric Basic Set With Industrial Series Box

1/4", 3/8" and 1/2" Drive

With 9 drawer top chest 16-876

Set 44-021
138 Pc. Metric Basic Set With Standard Series Box

1/4", 3/8" and 1/2" Drive

With 7 drawer single bay roller cabinet 16-982

Set 44-022
138 Pc. Metric Basic Set Tools Only

1/4", 3/8" and 1/2" Drive

No Box; Tools Only

Works on fasteners sizes 4mm through 26mm.

Contains:

71	Sockets and Accessories
17	Wrenches
10	Pliers
8	Screwdrivers
15	Striking and Struck Tools
17	Miscellaneous Tools

Complete set contents listed in Appendix A.







Set 44-025
158 Pc. Metric Intermediate Set With Industrial Series Box

3/8" and 1/2" Drive

With 9 drawer top chest 16-876

Set 44-026
158 Pc. Metric Intermediate Set With Standard Series Box

3/8" and 1/2" Drive

With 7 drawer single bay roller cabinet 16-982

Set 44-027
158 Pc. Metric Intermediate Set Tools Only

3/8" and 1/2" Drive

No Box; Tools Only

Works on fasteners sizes 4mm through 46mm.

Contains:

- 74 Sockets and Accessories
- 27 Wrenches
- 12 Pliers / Snips
- 12 Screwdrivers
- 17 Striking and Struck Tools
- 16 Miscellaneous Tools

Complete set contents listed in Appendix A.



Always wear eye protection when near tools in use.

Set 44-030
99 Pc. Metric Basic Set With Box

3/8" and 1/2" Drive

With hand box 16-605

Set 44-031
99 Pc. Metric Basic Set Tools Only

3/8" and 1/2" Drive

No Box; Tools Only

Works on fasteners sizes 6mm through 26mm.

Contains:

42	Sockets and Accessories
17	Wrenches
6	Pliers / Snips
8	Screwdrivers
15	Striking and Struck Tools
11	Miscellaneous Tools

Complete set contents listed in Appendix A.







Set 44-035
77 Pc. Metric Basic Set With Box

1/2" Drive

With hand box 16-605

Set 44-036
77 Pc. Metric Basic Set Tools Only

1/2" Drive

No Box; Tools Only

Works on fasteners sizes 7mm through 26mm.

Contains:

31	Sockets and Accessories
17	Wrenches
5	Pliers
7	Screwdrivers
10	Striking and Struck Tools
7	Miscellaneous Tools

Complete set contents listed in Appendix A.



Always wear eye protection when near tools in use.

Set 44-040
67 Pc. Metric Basic Set With Box

3/8" Drive

With hand box 16-605

Set 44-041
67 Pc. Metric Basic Set Tools Only

3/8" Drive

No Box; Tools Only

Works on fasteners sizes 7mm through 19mm.

Contains:

29	Sockets and Accessories
11	Wrenches
5	Pliers
5	Screwdrivers
10	Striking and Struck Tools
7	Miscellaneous Tools

Complete set contents listed in Appendix A.







Set 44-045
100 Pc. Metric Heavy Equipment Set With Industrial Series Box

3/8", 1/2" and 3/4" Drive

With 8 drawer top chest 16-874

Set 44-046
100 Pc. Metric Heavy Equipment Set With Standard Series Box

3/8", 1/2" and 3/4" Drive

With 6 drawer top chest 16-880

Set 44-047
100 Pc. Metric Heavy Equipment Set Tools Only

3/8", 1/2" and 3/4" Drive

No Box; Tools Only

Works on fasteners sizes 7mm through 60mm.

Contains:

56	Sockets and Accessories
24	Wrenches
5	Pliers
3	Screwdrivers
10	Striking and Struck Tools
2	Miscellaneous Tools

Complete set contents listed in Appendix A.



Always wear eye protection when near tools in use.

- Fractional Sets 1/4" to 1" Drive, Various Point Openings
- Metric Sets 1/4" to 3/4" Drive, Various Point Openings
- Hex Driver, Torx® Driver and Screwdriver Socket Sets
- Universal Socket Sets
- Crowfoot Wrench Sets
- Flarenut Crowfoot Wrench Sets



ACCESS
Wide variety of sets are available to fit the needs of any job

STRENGTH
Complete offering of sets with heavy duty drive tools and accessories that get the job done



ACCESS
Sets come with heavy duty box or clips and rails for protection, organization, and easy identification



SPEED
EYE-D markings on 1/4" through 3/4" sets, optimize size identification, and provide SAE / Metric differentiation



ACCESS
Also available: crowfoot wrench sets, hex bit driver, screwdriver and universal sets



EYE-D

Set 15-200
53 Pc. 6 and 8 Point 1/4" Drive Socket Set

Contents: 42 Sockets, 10 Drive Tools, 1 Pliers.
In Case 16-606. Approximate Weight, 6.27 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
10-004	1/8
10-005	5/32
10-006	3/16
10-007	7/32
10-008	1/4
10-009	9/32
10-010	5/16
10-011	11/32
10-012	3/8
10-014	7/16
10-016	1/2
10-018	9/16

6-pt. Deep Sockets

Product Number	Opening, Inches
10-204	1/8
10-205	5/32
10-206	3/16
10-207	7/32
10-208	1/4
10-209	9/32
10-210	5/16
10-211	11/32
10-212	3/8
10-214	7/16
10-216	1/2
10-218	9/16

8-pt. Std. Length Sockets

Product Number	Opening, Inches
10-408*	1/4
10-410	5/16
10-412	3/8

*4-pt. Std. Length Sockets

Hex Driver Sockets

Product Number	Opening, Inches
10-705	5/64
10-706	3/32
10-707	7/64
10-708	1/8
10-709	9/64
10-710	5/32
10-711	3/16
10-712	7/32
10-713	1/4
10-714	5/16

Screwdriver Sockets

Product Number	Opening, Inches/Phillips
10-801	3/16 x 1/32
10-802	1/4 x 1/32
10-821	#1
10-822	#2
10-823	#3

Drive Tools:

Product Number	Description
10-918	Breaker Bar, 1/4" Dr, 5-3/4"
10-921	Extension, 1/4" Dr, 2"
10-922	Extension, 1/4" Dr, 4"
10-923	Extension, 1/4" Dr, 6"
10-929	Flex Extension, 1/4" Dr, 6"
10-935	Speeder, 1/4" Dr
10-938	T-Handle, 1/4" Dr
10-943	Plastic Handle Driver, 1/4" Dr, 6"
10-947	Universal Joint, 1/4" Dr
10-972	Ratchet, 1/4" Dr, 5-9/32"
67-717	Pliers, 5" Angle Nose Ignition

Always wear eye protection when near tools in use.

Set 15-205
37 Pc. 6 and 8 Point 1/4" Drive Socket Set

Contents: 28 Sockets, 9 Drive Tools. In Case 16-613.
Approximate Weight, 4.07 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
10-006	3/16
10-007	7/32
10-008	1/4
10-009	9/32
10-010	5/16
10-011	11/32
10-012	3/8
10-014	7/16
10-016	1/2
10-018	9/16

6-pt. Deep Sockets

Product Number	Opening, Inches
10-206	3/16
10-207	7/32
10-208	1/4
10-209	9/32
10-210	5/16
10-211	11/32
10-212	3/8
10-214	7/16
10-216	1/2
10-218	9/16

8-pt. Std. Length Sockets

Product Number	Opening, Inches
10-408*	1/4
10-410	5/16
10-412	3/8

*4-pt. Std. Length Sockets

Screwdriver Sockets

Product Number	Opening, Inches
10-801	3/16 x 1/32
10-802	1/4 x 1/32
10-821	# 1
10-822	# 2
10-823	# 3

Drive Tools:

Product Number	Description
10-918	Breaker Bar, 1/4" Dr, 5-3/4"
10-921	Extension, 1/4" Dr, 2"
10-922	Extension, 1/4" Dr, 3-1/2
10-923	Extension, 1/4" Dr, 6"
10-929	Flex Extension,1/4" Dr, 6"
10-938	T-Handle, 1/4" Dr
10-943	Plastic Handle Driver, 1/4" Dr, 6"
10-947	Universal Joint, 1/4" Dr
10-972	Ratchet, 1/4" Dr, 5-9/32"



EYE-D



EYE-D

Set 15-210
25 Pc. 12 Point 1/4" Drive Socket Set

Contents: 20 Sockets, 5 Drive Tools. In Case 16-604.
Approximate Weight, 3.54 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
10-106	3/16
10-107	7/32
10-108	1/4
10-109	9/32
10-110	5/16
10-111	11/32
10-112	3/8
10-114	7/16
10-116	1/2
10-118	9/16

12-pt. Deep Sockets

Product Number	Opening, Inches
10-306	3/16
10-307	7/32
10-308	1/4
10-309	9/32
10-310	5/16
10-311	11/32
10-312	3/8
10-314	7/16
10-316	1/2
10-318	9/16

Drive Tools:

Product Number	Description
10-921	Extension, 1/4" Dr, 2"
10-923	Extension 1/4" Dr. 6"
10-943	Plastic Handle Driver, 1/4" Dr, 6"
10-947	Universal Joint, 1/4" Dr
10-972	Ratchet, 1/4" Dr, 5-9/32"

Always wear eye protection when near tools in use.

Set 15-215
25 Pc. 6 Point 1/4" Drive Socket Set

Contents: 20 Sockets, 5 Drive Tools. In Case 16-604. Approximate Weight, 3.54 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
10-006	3/16
10-007	7/32
10-008	1/4
10-009	9/32
10-010	5/16
10-011	11/32
10-012	3/8
10-014	7/16
10-016	1/2
10-018	9/16

6-pt. Deep Sockets

Product Number	Opening, Inches
10-206	3/16
10-207	7/32
10-208	1/4
10-209	9/32
10-210	5/16
10-211	11/32
10-212	3/8
10-214	7/16
10-216	1/2
10-218	9/16

Drive Tools:

Product Number	Description
10-921	Extension, 1/4" Dr, 2"
10-923	Extension, 1/4" Dr, 6"
10-943	Plastic Handle Driver, 1/4" Dr, 6"
10-947	Universal Joint, 1/4" Dr
10-972	Ratchet, 1/4" Dr, 5-9/32"



EYE-D



EYE-D

Set 15-216
25 Pc. 6 Point 1/4" Drive Socket Set with Armstrong Maxx Ratchet

Contents: 20 Sockets, 5 Drive Tools. In Case 16-604. Approximate Weight, 3.54 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
10-006	3/16
10-007	7/32
10-008	1/4
10-009	9/32
10-010	5/16
10-011	11/32
10-012	3/8
10-014	7/16
10-016	1/2
10-018	9/16

6-pt. Deep Sockets

Product Number	Opening, Inches
10-206	3/16
10-207	7/32
10-208	1/4
10-209	9/32
10-210	5/16
10-211	11/32
10-212	3/8
10-214	7/16
10-216	1/2
10-218	9/16

Drive Tools:

Product Number	Description
10-921	Extension, 1/4" Dr, 2"
10-923	Extension, 1/4" Dr, 6"
10-943	Plastic Handle Driver, 1/4" Dr, 6"
10-947	Universal Joint, 1/4" Dr
10-992	Armstrong Maxx Ratchet, 1/4" Dr



Set 15-248A
21 Pc. 6 Point 1/4" Drive Socket Set

Contents: 16 Sockets, 5 Drive Tools. In Case. Approximate Weight, 1.75 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
10-008A	1/4
10-009A	9/32
10-010A	5/16
10-011A	11/32
10-012A	3/8
10-014A	7/16
10-016A	1/2

6-pt. Deep Sockets

Product Number	Opening, Inches
10-206A	3/16
10-207A	7/32
10-208A	1/4
10-209A	9/32
10-210A	5/16
10-211A	11/32
10-212A	3/8
10-214A	7/16
10-216A	1/2

Drive Tools:

Product Number	Description
10-919A	Extension, 1/4" Dr, 1-1/2"
10-923A	Extension, 1/4" Dr, 6"
10-947A	Universal Joint, 1/4" Dr
10-944	Spinner Handle, 1/4" Dr
10-967A	Quick Release Ratchet, 1/4" Dr

Always wear eye protection when near tools in use.

Set 15-220
19 Pc. 6 and 8 Point 1/4" Drive Socket Set

Contents: 13 Sockets, 6 Drive Tools. In Case 16-604.
Approximate Weight, 2.91 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
10-006	3/16
10-007	7/32
10-008	1/4
10-009	9/32
10-010	5/16
10-011	11/32
10-012	3/8
10-014	7/16
10-016	1/2
10-018	9/16

8-pt. Std. Length Sockets

Product Number	Opening, Inches
10-408*	1/4
10-410	5/16
10-412	3/8

*4-pt. Std. Length Sockets

Drive Tools:

Product Number	Description
10-918	Breaker Bar, 1/4" Dr, 5-3/4"
10-921	Extension, 1/4" Dr, 2"
10-923	Extension, 1/4" Dr, 6"
10-943	Plastic Handle Driver, 1/4" Dr, 6"
10-947	Universal Joint, 1/4" Dr
10-972	Ratchet, 1/4" Dr, 5-9/32"



EYE-D

Set 15-225
15 Pc. 6 Point 1/4" Drive Socket Set

Contents: 10 Sockets, 5 Drive Tools. In Case 16-601.
Approximate Weight, 1.82 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
10-006	3/16
10-007	7/32
10-008	1/4
10-009	9/32
10-010	5/16
10-011	11/32
10-012	3/8
10-014	7/16
10-016	1/2
10-018	9/16

Drive Tools:

Product Number	Description
10-921	Extension, 1/4" Dr, 2"
10-923	Extension, 1/4" Dr, 6"
10-943	Plastic Handle Driver, 1/4" Dr, 6"
10-947	Universal Joint, 1/4" Dr
10-972	Ratchet, 1/4" Dr, 5-9/32"



EYE-D



Set 15-246A
13 Pc. 6 Point 1/4" Drive Socket Set

Contents: 9 Sockets, 4 Drive Tools. In Case.
Approximate Weight, 1.75 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
10-006A	3/16
10-007A	7/32
10-008A	1/4
10-009A	9/32
10-010A	5/16
10-011A	11/32
10-012A	3/8
10-014A	7/16
10-016A	1/2

Drive Tools:

Product Number	Description
10-919A	Extension, 1/4" Dr, 1-1/2"
10-923A	Extension, 1/4" Dr, 6"
10-944	Spinner Handle, 1/4" Dr
10-967A	Quick Release Ratchet, 1/4" Dr



Set 15-247A
13 Pc. 6 Point 1/4" Drive Socket Set

Contents: 9 Sockets, 4 Drive Tools. In Case.
Approximate Weight, 1.75 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
10-006A	3/16
10-007A	7/32
10-008A	1/4
10-009A	9/32
10-010A	5/16
10-011A	11/32
10-012A	3/8
10-014A	7/16
10-016A	1/2

Drive Tools:

Product Number	Description
10-919A	Extension, 1/4" Dr, 1-1/2"
10-923A	Extension, 1/4" Dr, 6"
10-944	Spinner Handle, 1/4" Dr
10-915A	Round Head Ratchet, 1/4" Dr

Always wear eye protection when near tools in use.

Set 15-230
12 Pc. 12 Point 1/4" Drive Socket Set

Contents: 10 Sockets, 2 Drive Tools. In Case 16-601.
Approximate Weight, 1.71 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
10-106	3/16
10-107	7/32
10-108	1/4
10-109	9/32
10-110	5/16
10-111	11/32
10-112	3/8
10-114	7/16
10-116	1/2
10-118	9/16

Drive Tools:

Product Number	Description
10-943	Plastic Handle Driver, 1/4" Dr, 6"
10-972	Ratchet, 1/4" Dr, 5-9/32"



Set 15-235
12 Pc. 6 Point 1/4" Drive Socket Set

Contents: 10 Sockets, 2 Drive Tools. In Case 16-601.
Approximate Weight, 1.71 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
10-006	3/16
10-007	7/32
10-008	1/4
10-009	9/32
10-010	5/16
10-011	11/32
10-012	3/8
10-014	7/16
10-016	1/2
10-018	9/16

Drive Tools:

Product Number	Description
10-943	Plastic Handle Driver, 1/4" Dr, 6"
10-972	Ratchet, 1/4" Dr, 5-9/32"





EYE-D

Set 15-240
10 Pc. 12 Point 1/4" Drive Socket Set

Contents: 10 Sockets in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-841. Approximate Weight, 0.53 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
10-106	3/16	10-110	5/16	10-116	1/2
10-107	7/32	10-111	11/32	10-118	9/16
10-108	1/4	10-112	3/8		
10-109	9/32	10-114	7/16		



EYE-D

Set 15-245
10 Pc. 6 Point 1/4" Drive Socket Set

Contents: 10 Sockets in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-841. Approximate Weight, 0.55 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
10-006	3/16	10-010	5/16	10-016	1/2
10-007	7/32	10-011	11/32	10-018	9/16
10-008	1/4	10-012	3/8		
10-009	9/32	10-014	7/16		



Set 15-249A
10 Pc. 6 Point 1/4" Drive Socket Set

Contents: 10 Sockets in cardboard box. Includes Socket Bar and Socket Clips. Approximate Weight, 0.75 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
10-005A	5/32	10-009A	9/32	10-014A	7/16
10-006A	3/16	10-010A	5/16	10-016A	1/2
10-007A	7/32	10-011A	11/32		
10-008A	1/4	10-012A	3/8		

Always wear eye protection when near tools in use.

Set 15-250
10 Pc. 12 Point 1/4" Drive Deep Socket Set

Contents: 10 Sockets in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-841. Approximate Weight, 0.87 lbs.



12-pt. Deep Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening. Inches
10-306	3/16	10-310	5/16	10-316	1/2
10-307	7/32	10-311	11/32	10-318	9/16
10-308	1/4	10-312	3/8		
10-309	9/32	10-314	7/16		

EYE-D®

Set 15-255
10 Pc. 6 Point 1/4" Drive Deep Socket Set

Contents: 10 Sockets in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-841. Approximate Weight, 0.88 lbs



6-pt. Deep Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
10-206	3/16	10-210	5/16	10-216	1/2
10-207	7/32	10-211	11/32	10-218	9/16
10-208	1/4	10-212	3/8		
10-209	9/32	10-214	7/16		

EYE-D®



Set 15-260
10 Pc. 1/4" Drive Extra Long Hex Driver Socket Set

Contents: 10 Hex Drivers in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-841. Approximate Weight, 0.97 lbs.

Hex Driver Sockets with Extra Long Bits

Product Number	Hex Size, Inches	Product Number	Hex Size, Inches	Product Number	Hex Size, Inches
10-745	5/64	10-749	9/64	10-753	1/4
10-746	3/32	10-750	5/32	10-754	5/16
10-747	7/64	10-751	3/16		
10-748	1/8	10-752	7/32		



Set 15-265
11 Pc. 1/4" Drive Hex Driver Socket Set

Contents: 11 Hex Drivers in cardboard box. Includes Socket Bar 16-831 and (20) Socket Clips 16-841. Approximate Weight, 0.60 lbs.

Hex Driver Sockets

Product Number	Hex Size, Inches	Product Number	Hex Size, Inches	Product Number	Hex Size, Inches
10-704	1/16	10-708	1/8	10-712	7/32
10-705	5/64	10-709	9/64	10-713	1/4
10-706	3/32	10-710	5/32	10-714	5/16
10-707	7/64	10-711	3/16		



Set 15-270
6 Pc. 1/4" Drive Torx® Driver Socket Set

Contents: 6 Torx Drivers in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-841. Approximate Weight, 0.40 lbs.

Torx Driver Sockets

Product Number	Torx Size	Product Number	Torx Size	Product Number	Torx Size
10-870	T10	10-874	T20	10-878	T27
10-872	T15	10-876	T25	10-880	T30

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

Always wear eye protection when near tools in use.

Set 44-200 — 43 Pc. 6 Point 1/4" Drive Socket Set

METRIC

Contents: 35 Sockets, 8 Drive Tools. In Case 16-606.
Approximate Weight, 5.57 lbs. (2,529 g)

6-pt. Std. Length Sockets

Product Number	Opening, mm
37-004	4
37-081	4.5
37-005	5
37-083	5.5
37-006	6
37-007	7
37-008	8
37-009	9
37-010	10
37-011	11
37-012	12
37-013	13
37-014	14
37-015	15

6-pt. Deep Sockets

Product Number	Opening, mm
37-204	4
37-281	4.5
37-205	5
37-283	5.5
37-206	6
37-207	7
37-208	8
37-209	9
37-210	10
37-211	11
37-212	12
37-213	13
37-214	14
37-215	15

Hex Driver Sockets

Product Number	Opening, mm
37-703	2
37-704	2.5
37-705	3
37-707	4
37-709	5
37-711	6
37-713	8

Drive Tools:

Product Number	Description
10-918	Breaker Bar, 1/4" Dr, 5-3/4"
10-921	Extension, 1/4" Dr, 2"
10-923	Extension, 1/4" Dr, 6"
10-929	Flex Extension, 1/4" Dr, 6"
10-938	T-Handle, 1/4" Dr
10-943	Plastic Handle Driver, 1/4" Dr, 6"
10-947	Universal Joint, 1/4" Dr
10-972	Ratchet, 1/4" Dr, 5-9/32"



EYE-D



EYE-D™

Set 44-205 — METRIC
29 Pc. 6 Point 1/4" Drive Socket Set

Contents: 24 Sockets, 5 Drive Tools. In Case 16-604.
Approximate Weight, 4.07 lbs. (1,848 g)

6-pt. Std. Length Sockets

Product Number	Opening, mm
37-004	4
37-005	5
37-083	5.5
37-006	6
37-007	7
37-008	8
37-009	9
37-010	10
37-011	11
37-012	12
37-013	13
37-014	14

6-pt. Deep Sockets

Product Number	Opening, mm
37-204	4
37-205	5
37-283	5.5
37-206	6
37-207	7
37-208	8
37-209	9
37-210	10
37-211	11
37-212	12
37-213	13
37-214	14

Drive Tools:

Product Number	Description
10-921	Extension, 1/4" Dr, 2"
10-923	Extension, 1/4" Dr, 6"
10-943	Plastic Handle Driver, 1/4" Dr, 6"
10-947	Universal Joint, 1/4" Dr
10-972	Ratchet, 1/4" Dr, 5-9/32"

Always wear eye protection when near tools in use.

Set 44-321A
21 Pc. 6 Point 1/4" Drive Socket Set

METRIC

Contents: 16 Sockets, 5 Drive Tools. In Case.
Approximate Weight, 1.75 lbs. (1,633 g)



6-pt. Std. Length Sockets

Product Number	Opening, mm
37-004A	4
37-005A	5
37-006A	6
37-007A	7
37-008A	8
37-009A	9
37-010A	10
37-011A	11
37-012A	12

6-pt. Deep Sockets

Product Number	Opening, mm
37-206A	6
37-207A	7
37-208A	8
37-209A	9
37-210A	10
37-211A	11
37-212A	12

Drive Tools:

Product Number	Description
10-919A	Extension, 1/4" Dr, 1-1/2"
10-923A	Extension, 1/4" Dr, 6"
10-944	Spinner Handle, 1/4" Dr
10-947A	Universal Joint, 1/4" Dr
10-967A	Quick Release Ratchet, 1/4" Dr



Set 44-210 — METRIC
17 Pc. 6 Point 1/4" Drive Socket Set

Contents: 12 Sockets, 5 Drive Tools. In Case 16-601.
Approximate Weight, 1.80 lbs. (817 g)

6-pt. Std. Length Sockets

Product Number	Opening, mm
37-004	4
37-005	5
37-083	5.5
37-006	6
37-007	7
37-008	8
37-009	9
37-010	10
37-011	11
37-012	12
37-013	13
37-014	14

Drive Tools:

Product Number	Description
10-921	Extension, 1/4" Dr, 2"
10-923	Extension, 1/4" Dr, 6"
10-943	Plastic Handle Driver, 1/4" Dr, 6"
10-947	Universal Joint, 1/4" Dr
10-972	Ratchet, 1/4" Dr, 5-9/32"

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Set 44-323A — METRIC
14 Pc. 6 Point 1/4" Drive Socket Set

Contents: 10 Sockets, 4 Drive Tools. In Case.
Approximate Weight, 1.21 lbs. (1,588 g)

6-pt. Std. Length Sockets

Product Number	Opening, mm
37-004A	4
37-005A	5
37-006A	6
37-007A	7
37-008A	8
37-009A	9
37-010A	10
37-011A	11
37-012A	12
37-013A	13

Drive Tools:

Product Number	Description
10-919A	Extension, 1/4" Dr, 1-1/2"
10-923A	Extension, 1/4" Dr, 6"
10-944	Spinner Handle, 1/4" Dr
10-915A	Round Head Ratchet, 1/4" Dr

Always wear eye protection when near tools in use.

Set 44-215
12 Pc. 6 Point 1/4" Drive Socket Set
METRIC

Contents: 12 Sockets in cardboard box. Includes Socket Bar 16-831 and (20) Socket Clips 16-841. Approximate Weight, 0.64 lbs. (291 g)

6-pt. Std. Length Sockets

Product Number	Opening, mm	Product Number	Opening, mm	Product Number	Opening, mm
37-004	4	37-007	7	37-011	11
37-005	5	37-008	8	37-012	12
37-083	5.5	37-009	9	37-013	13
37-006	6	37-010	10	37-014	14



EYE-D

Set 44-322A
10 Pc. 6 Point 1/4" Drive Socket Set
METRIC

Contents: 10 Sockets in cardboard box. Includes Socket Bar and Socket Clips. Approximate Weight, 0.75 lbs. (340 g)

6-pt. Std. Length Sockets

Product Number	Opening, mm	Product Number	Opening, mm	Product Number	Opening, mm
37-004A	4	37-008A	8	37-011A	11
37-005A	5	37-009A	9	37-012A	12
37-006A	6	37-010A	10	37-013A	13
37-007A	7				



Set 44-220
12 Pc. 6 Point 1/4" Drive Deep Socket Set
METRIC

Contents: 12 Sockets in cardboard box. Includes Socket Bar 16-831 and (20) Socket Clips 16-841. Approximate Weight, 1.06 lbs. (481 g)

6-pt. Deep Sockets

Product Number	Opening, mm	Product Number	Opening, mm	Product Number	Opening, mm
37-204	4	37-207	7	37-211	11
37-205	5	37-208	8	37-212	12
37-283	5.5	37-209	9	37-213	13
37-206	6	37-210	10	37-214	14



EYE-D

Set 44-225
6 Pc. 1/4" Drive Hex Driver Socket Set
METRIC

Contents: 6 Hex Drivers in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-841. Approximate Weight, 0.38 lbs. (173 g)

Product Number	Hex Size, mm	Product Number	Hex Size, mm
37-703	2	37-707	4
37-704	2.5	37-709	5
37-705	3	37-711	6





Set 15-524A
107 Pc. 6 and 12 Point 1/4", 3/8", and 1/2" Drive Standard and Metric Socket Set

Contents: 100 Sockets and Accessories, 7 Drive Tools, in Blow Mold Case. Approximate Weight, ? lbs.

1/4" Drive Standard Sockets

6-pt. Std. Length Sockets

Product Number	Opening, Inches
10-005A	5/32
10-006A	3/16
10-007A	7/32
10-008A	1/4
10-009A	9/32
10-010A	5/16
10-011A	11/32
10-012A	3/8
10-014A	7/16
10-016A	1/2

6-pt. Deep Sockets

Product Number	Opening, Inches
10-206A	3/16
10-207A	7/32
10-208A	1/4
10-210A	5/16
10-211A	11/32
10-212A	3/8
10-214A	7/16

3/8" Drive Standard Sockets

12-pt. Std. Length Sockets

Product Number	Opening, Inches
11-112A	3/8
11-114A	7/16
11-116A	1/2
11-118A	9/16
11-120A	5/8
11-122A	11/16
11-124A	3/4
11-126A	13/16

12-pt. Deep Sockets

Product Number	Opening, Inches
11-312A	3/8
11-314A	7/16
11-316A	1/2
11-318A	9/16
11-320A	5/8
11-322A	11/16
11-324A	3/4
11-326A	13/16
11-328A	7/8

6-pt. Spark Plug Sockets

Product Number	Opening, Inches
11-501	5/8
11-504	13/16

1/2" Drive Standard Sockets

12-pt. Std. Length Sockets

Product Number	Opening, Inches
12-116A	1/2
12-118A	9/16
12-120A	5/8
12-122A	11/16
12-124A	3/4
12-126A	13/16
12-328A	7/8
12-330A	15/16

12-pt. Deep Sockets

Product Number	Opening, Inches
12-316A	1/2
12-318A	9/16
12-320A	5/8
12-322A	11/16

Drive Tools:

Product Number	Description
10-922A	Extension, 1/4" Dr, 3"
10-915A	Round Head Ratchet, 1/4" Dr
10-944	Spinner Handle, 1/4" Dr
11-922A	Extension, 3/8" Dr, 3"
11-915A	Round Head Ratchet, 3/8" Dr
11-951	Adapter, 3/8" F, 1/2" M
12-921A	Extension, 1/2" Dr, 2"
11-916A	Round Head Ratchet, 1/2" Dr

1/4" Drive Metric Sockets

6-pt. Std. Length Sockets

Product Number	Opening, mm
37-004A	4
37-005A	5
37-006A	6
37-007A	7
37-008A	8
37-009A	9
37-010A	10
37-011A	11
37-012A	12
37-013A	13

6-pt. Deep Sockets

Product Number	Opening, mm
37-204A	4
37-205A	5
37-206A	6
37-207A	7
37-208A	8
37-209A	9
37-210A	10
37-211A	11

3/8" Drive Metric Sockets

12-pt. Std. Length Sockets

Product Number	Opening, mm
38-110A	10
38-111A	11
38-112A	12
38-113A	13
38-114A	14
38-115A	15
38-116A	16
38-117A	17
38-118A	18
38-119A	19

12-pt. Deep Sockets

Product Number	Opening, mm
38-310A	10
38-311A	11
38-312A	12
38-313A	13
38-314A	14
38-315A	15
38-316A	16
38-317A	17
38-318A	18
38-319A	19

1/2" Drive Metric Sockets

12-pt. Std. Length Sockets

Product Number	Opening, mm
39-118A	18
39-119A	19
39-120A	20
39-121A	21
39-122A	22

Always wear eye protection when near tools in use.

Set 15-300
86 Pc. 6 and 12 Point 3/8" Drive Socket Set with Box

In Plastic Hand Box 16-600.

Set 15-305
86 Pc. 6 and 12 Point 3/8" Drive Socket Set; Tools Only

No Box; Tools Only

Contents: 76 Sockets, 10 Drive Tools.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
11-008	1/4
11-010	5/16
11-011	11/32
11-012	3/8
11-014	7/16
11-016	1/2
11-018	9/16
11-020	5/8
11-022	11/16
11-024	3/4
11-026	13/16
11-028	7/8

6-pt. Deep Sockets

Product Number	Opening, Inches
11-208	1/4
11-210	5/16
11-211	11/32
11-212	3/8
11-214	7/16
11-216	1/2
11-218	9/16
11-220	5/8
11-222	11/16
11-224	3/4
11-226	13/16
11-228	7/8

12-pt. Std. Length Sockets

Product Number	Opening, Inches
11-108	1/4
11-110	5/16
11-112	3/8
11-114	7/16
11-116	1/2
11-118	9/16
11-120	5/8
11-122	11/16
11-124	3/4
11-126	13/16
11-128	7/8
11-130	15/16
11-132	1

12-pt. Deep Sockets

Product Number	Opening, Inches
11-308	1/4
11-310	5/16
11-312	3/8
11-314	7/16
11-316	1/2
11-318	9/16
11-320	5/8
11-322	11/16
11-324	3/4
11-326	13/16
11-328	7/8
11-330	15/16
11-332	1

8-pt. Std. Length Sockets

Product Number	Opening, Inches
11-408	1/4
11-410	5/16
11-412	3/8
11-414	7/16
11-416	1/2

12-pt. Universal Sockets

Product Number	Opening, Inches
11-512	3/8
11-514	7/16
11-516	1/2
11-518	9/16
11-520	5/8
11-522	11/16
11-524	3/4

Hex Driver Sockets

Product Number	Opening, Inches
11-708	1/8
11-710	5/32
11-711	3/16
11-712	7/32
11-713	1/4
11-714	5/16
11-715	3/8

Screwdriver Sockets

Product Number	Opening, Inches/Phillips
11-802	1/4 x 1/32
11-803	5/16 x 3/64
11-805	3/8 x 1/16
11-821	#1
11-822	#2
11-825	#3
11-828	#4

Drive Tools:

Product Number	Description
11-918	Breaker Bar, 3/8" Dr, 8-1/2"
11-922	Extension, 3/8" Dr, 3"
11-923	Extension, 3/8" Dr, 6"
11-925	Extension, 3/8" Dr, 8"
11-927	Extension, 3/8" Dr, 12"
11-935	Speeder, 3/8" Dr, 16-1/2"
11-938	T-Handle, 3/8" Dr
11-947	Universal Joint, 3/8" Dr
11-972	Ratchet, 3/8" Dr, 7-3/8"
11-974	Ratchet, 3/8" Dr, Flex Head, 9-1/2"



EYE-D



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Set 15-310
57 Pc. 8 and 12 Point 3/8" Drive Socket Set with Box

In Case 16-615.

Set 15-315
57 Pc. 8 and 12 Point 3/8" Drive Socket Set; Tools Only

No Box; Tools Only

Contents: 49 Sockets, 8 Drive Tools.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
11-108	1/4
11-110	5/16
11-112	3/8
11-114	7/16
11-116	1/2
11-118	9/16
11-120	5/8
11-122	11/16
11-124	3/4
11-126	13/16
11-128	7/8
11-130	15/16
11-132	1

12-pt. Deep Sockets

Product Number	Opening, Inches
11-308	1/4
11-310	5/16
11-312	3/8
11-314	7/16
11-316	1/2
11-318	9/16
11-320	5/8
11-322	11/16
11-324	3/4
11-326	13/16
11-328	7/8
11-330	15/16
11-332	1

8-pt. Standard Length Sockets

Product Number	Opening, Inches
11-408	1/4
11-410	5/16
11-412	3/8
11-414	7/16
11-416	1/2

12-pt. Flex Sockets

Product Number	Opening, Inches
11-512	3/8
11-514	7/16
11-516	1/2
11-518	9/16
11-520	5/8
11-522	11/16
11-524	3/4

Hex Driver Sockets

Product Number	Opening, Inches
11-708	1/8
11-710	5/32
11-711	3/16
11-712	7/32
11-713	1/4
11-714	5/16
11-715	3/8

Screwdriver Sockets

Product Number	Opening, Inches
11-802	1/4 x 1/32
11-822	#2
11-825	#3
11-828	#4

Drive Tools:

Product Number	Description
11-918	Breaker Bar, 3/8" Dr, 8-1/2"
11-922	Extension, 3/8" Dr, 3"
11-923	Extension, 3/8" Dr, 6"
11-927	Extension, 3/8" Dr, 12"
11-935	Speeder, 3/8" Dr, 16-1/2"
11-938	T-Handle, 3/8" Dr
11-947	Universal Joint, 3/8" Dr
11-972	Ratchet, 3/8" Dr, 7-3/8"

Always wear eye protection when near tools in use.

Set 15-320
33 Pc. 12 Point 3/8" Drive Socket Set

Contents: 26 Sockets, 7 Drive Tools. In Case 16-613.
Approximate Weight, 12.07 lbs.



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12-pt. Std. Length Sockets

Product Number	Opening, Inches
11-112	3/8
11-114	7/16
11-116	1/2
11-118	9/16
11-120	5/8
11-122	11/16
11-124	3/4
11-126	13/16
11-128	7/8

12-pt. Deep Sockets

Product Number	Opening, Inches
11-312	3/8
11-314	7/16
11-316	1/2
11-318	9/16
11-320	5/8
11-322	11/16
11-324	3/4
11-326	13/16
11-328	7/8

8-pt. Std. Length Sockets

Product Number	Opening, Inches
11-408	1/4
11-410	5/16
11-412	3/8

12-pt. Flex Sockets

Product Number	Opening, Inches
11-514	7/16
11-516	1/2
11-518	9/16
11-520	5/8
11-524	3/4

Drive Tools:

Product Number	Opening, Inches
11-918	Breaker Bar, 3/8" Dr, 8-1/2"
11-922	Extension, 3/8" Dr, 3"
11-923	Extension, 3/8" Dr, 6"
11-927	Extension, 3/8" Dr, 12"
11-935	Speeder, 3/8" Dr, 16-1/2"
11-947	Universal Joint, 3/8" Dr
11-972	Ratchet, 3/8" Dr, 7-3/8"

Set 15-325
22 Pc. 12 Point 3/8" Drive Socket Set

Contents: 18 Sockets, 4 Drive Tools. In Case 16-613.
Approximate Weight, 9.89 lbs.



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12-pt. Std. Length Sockets

Product Number	Opening, Inches
11-112	3/8
11-114	7/16
11-116	1/2
11-118	9/16
11-120	5/8
11-122	11/16
11-124	3/4
11-126	13/16
11-128	7/8

12-pt. Deep Sockets

Product Number	Opening, Inches
11-312	3/8
11-314	7/16
11-316	1/2
11-318	9/16
11-320	5/8
11-322	11/16
11-324	3/4
11-326	13/16
11-328	7/8

Drive Tools:

Product Number	Description
11-922	Extension, 3/8" Dr, 3"
11-923	Extension, 3/8" Dr, 6"
11-947	Universal Joint, 3/8" Dr
11-972	Ratchet, 3/8" Dr, 7-3/8"



EYE-D

Set 15-330
22 Pc. 6 Point 3/8" Drive Socket Set

Contents: 18 Sockets, 4 Drive Tools. In Case 16-613.
Approximate Weight, 9.89 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
11-012	3/8
11-014	7/16
11-016	1/2
11-018	9/16
11-020	5/8
11-022	11/16
11-024	3/4
11-026	13/16
11-028	7/8

6-pt. Deep Sockets

Product Number	Opening, Inches
11-212	3/8
11-214	7/16
11-216	1/2
11-218	9/16
11-220	5/8
11-222	11/16
11-224	3/4
11-226	13/16
11-228	7/8

Drive Tools:

Product Number	Description
11-922	Extension, 3/8" Dr, 3"
11-923	Extension, 3/8" Dr, 6"
11-947	Universal Joint, 3/8" Dr
11-972	Ratchet, 3/8" Dr, 7-3/8"



EYE-D

Set 15-331
22 Pc. 6 Point 3/8" Drive Socket Set with Armstrong Maxx Ratchet

Contents: 18 Sockets, 4 Drive Tools. In Case 16-613.
Approximate Weight, 9.89 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
11-012	3/8
11-014	7/16
11-016	1/2
11-018	9/16
11-020	5/8
11-022	11/16
11-024	3/4
11-026	13/16
11-028	7/8

6-pt. Deep Sockets

Product Number	Opening, Inches
11-212	3/8
11-214	7/16
11-216	1/2
11-218	9/16
11-220	5/8
11-222	11/16
11-224	3/4
11-226	13/16
11-228	7/8

Drive Tools:

Product Number	Description
11-922	Extension, 3/8" Dr, 3"
11-923	Extension, 3/8" Dr, 6"
11-947	Universal Joint, 3/8" Dr
11-992	Armstrong Maxx Ratchet, 3/8" Dr

Always wear eye protection when near tools in use.

Set 15-323A
57 Pc. 6 and 12 Point 1/4" and 3/8" Drive Socket Set Standard/Metric

In Case. Approximate Weight, 6.52 lbs.

Contents: 44 Sockets, 6 Drive Tools, 7 Hex Keys.



6-pt. Std. Length Sockets: 1/4" Dr.

Product Number	Opening, Inches
10-005A	5/32
10-006A	3/16
10-007A	7/32
10-008A	1/4
10-009A	9/32
10-010A	5/16
10-011A	11/32
10-012A	3/8
10-014A	7/16
10-016A	1/2

12-pt. Std. Length Sockets: 3/8" Dr.

Product Number	Opening, Inches
11-112A	3/8
11-114A	7/16
11-116A	1/2
11-118A	9/16
11-120A	5/8
11-122A	11/16
11-124A	3/4
11-126A	13/16

12-pt. Deep Sockets: 3/8" Dr.

Product Number	Opening, Inches
11-312A	3/8
11-314A	7/16
11-316A	1/2
11-318A	9/16
11-324A	3/4

6-pt. Spark Plug Socket: 3/8" Dr.

Product Number	Opening, Inches
11-501	5/8

Hex Keys

Product Number	Size, Inches
57010	5/64
57012	3/32
57014	1/8
57020	5/32
57022	3/16
57024	7/32
57026	1/4

6-pt. Std. Length Sockets: 1/4" Dr.

Product Number	Opening, mm
37-004A	4
37-005A	5
37-006A	6
37-007A	7
37-008A	8
37-009A	9
37-010A	10
37-011A	11
37-012A	12
37-013A	13

12-pt. Std. Length Sockets: 3/8" Dr.

Product Number	Opening, mm
38-109A	9
38-110A	10
38-111A	11
38-112A	12
38-113A	13
38-114A	14
38-115A	15
38-116A	16
38-117A	17
38-118A	19

Drive Tools:

Product Number	Description
10-944	Spinner Handle, 1/4" Dr
10-919A	Extension, 1/4" Dr, 1-1/2"
11-922A	Extension, 3/8" Dr, 3"
11-923A	Extension, 3/8" Dr, 6"
11-951	Adapter, 3/8" F, 1/2" M
11-967A	Teardrop Ratchet, 3/8" Dr



Set 15-335
22 Pc. 6 Point 1/4" and 3/8" Drive Socket Set

Contents: 17 Sockets, 5 Drive Tools. In Case 16-621.
Approximate Weight, 9.89 lbs.

6-pt. Std. Length Sockets 1/4" Dr.

Product Number	Opening, Inches
10-006	3/16
10-007	7/32
10-008	1/4
10-009	9/32
10-010	5/16
10-011	11/32
10-012	3/8

6-pt. Std. Length Sockets 3/8" Dr.

Product Number	Opening, Inches
11-014	7/16
11-016	1/2
11-018	9/16
11-020	5/8
11-022	11/16
11-024	3/4
11-026	13/16
11-028	7/8
11-030	15/16
11-032	1

Drive Tools:

Product Number	Description
10-943	Plastic Handle Driver, 1/4" Dr.
11-922	Extension, 3/8" Dr, 3"
11-923	Extension, 3/8" Dr, 6"
11-951	Adapter, 1/4" M, 3/8" F
11-972	Ratchet, 3/8" Dr, 7-3/8"

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Set 15-322A
18 Pc. 12 Point 3/8" Drive Socket Set

Contents: 15 Sockets, 3 Drive Tools. In Case.
Approximate Weight, 5.9 lbs

12-pt. Std. Length Sockets

Product Number	Opening, Inches
11-112A	3/8
11-114A	7/16
11-116A	1/2
11-118A	9/16
11-120A	5/8
11-122A	11/16
11-124A	3/4

12-pt. Deep Sockets

Product Number	Opening, Inches
11-312A	3/8
11-314A	7/16
11-316A	1/2
11-318A	9/16
11-320A	5/8
11-322A	11/16
11-324A	3/4

12-pt. Spark Plug Socket

Product Number	Opening, Inches
11-501	5/8

Drive Tools:

Product Number	Description
11-922A	Extension, 3/8" Dr, 3"
11-923A	Extension, 3/8" Dr, 6"
11-967A	Quick Release Ratchet, 3/8" Dr

Always wear eye protection when near tools in use.

Set 15-340
15 Pc. 12 Point 3/8" Drive Socket Set

Contents: 9 Sockets, 6 Drive Tools. In Case 16-613.
Approximate Weight, 8.28 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
11-112	3/8
11-114	7/16
11-116	1/2
11-118	9/16
11-120	5/8
11-122	11/16
11-124	3/4
11-126	13/16
11-128	7/8

Drive Tools:

Product Number	Description
11-918	Breaker Bar, 3/8" Dr, 8-1/2"
11-922	Extension, 3/8" Dr, 3"
11-927	Extension, 3/8" Dr, 12"
11-935	Speeder, 3/8" Dr, 16-1/2"
11-947	Universal Joint, 3/8" Dr
11-972	Ratchet, 3/8" Dr, 7-3/8"



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Set 15-345
12 Pc. 12 Point 3/8" Drive Socket Set

Contents: 9 Sockets, 3 Drive Tools. In Case 16-649.
Approximate Weight, 3.45 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
11-112	3/8
11-114	7/16
11-116	1/2
11-118	9/16
11-120	5/8
11-122	11/16
11-124	3/4
11-126	13/16
11-128	7/8

Drive Tools:

Product Number	Description
11-922	Extension, 3/8" Dr, 3"
11-923	Extension, 3/8" Dr, 6"
11-972	Ratchet, 3/8" Dr, 7-3/8"



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Set 15-321A
12 Pc. 12 Point 3/8" Drive Socket Set

Contents: 9 Sockets, 3 Drive Tools. In Case.
Approximate Weight, 3.75 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
11-112A	3/8
11-114A	7/16
11-116A	1/2
11-118A	9/16
11-120A	5/8
11-122A	11/16
11-124A	3/4
11-126A	13/16

12-pt. Spark Plug Socket

Product Number	Opening, Inches
11-501	5/8

Drive Tools:

Product Number	Description
11-922A	Extension, 3/8" Dr, 3"
11-923A	Extension, 3/8" Dr, 6"
11-967A	Quick Release Ratchet, 3/8" Dr





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Set 15-350
12 Pc. 6 Point 3/8" Drive Socket Set

Contents: 9 Sockets, 3 Drive Tools. In Case 16-649. Approximate Weight, 3.45 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
11-012	3/8
11-014	7/16
11-016	1/2
11-018	9/16
11-020	5/8
11-022	11/16
11-024	3/4
11-026	13/16
11-028	7/8

Drive Tools:

Product Number	Description
11-922	Extension, 3/8" Dr, 3"
11-923	Extension, 3/8" Dr, 6"
11-972	Ratchet, 3/8" Dr, 7-3/8"



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Set 15-355
13 Pc. 12 Point 3/8" Drive Socket Set

Contents: 13 Sockets in cardboard box. Includes Socket Bar 16-834 and (20) Socket Clips 16-843. Approximate Weight, 1.96 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
11-108	1/4
11-110	5/16
11-112	3/8
11-114	7/16
11-116	1/2
11-118	9/16
11-120	5/8
11-122	11/16
11-124	3/4
11-126	13/16
11-128	7/8
11-130	15/16
11-132	1



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Set 15-360
13 Pc. 6 Point 3/8" Drive Socket Set

Contents: 13 Sockets in cardboard box. Includes Socket Bar 16-834 and (20) Socket Clips 16-843. Approximate Weight, 2.0 lbs.



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Set 15-361
13 Pc. 6 Point 3/8" Drive Socket Set with Plastic Socket Rail

Contents: 13 Sockets in cardboard box. Includes plastic Socket Rail 16-838 and (15) Socket Clips 16-846. Approximate Weight, 2.0 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
11-008	1/4
11-010	5/16
11-012	3/8
11-014	7/16
11-016	1/2
11-018	9/16
11-020	5/8
11-022	11/16
11-024	3/4
11-026	13/16
11-028	7/8
11-030	15/16
11-032	1

Always wear eye protection when near tools in use.

Set 15-365
10 Pc. 12 Point 3/8" Drive Socket Set

Contents: 10 Sockets in cardboard box. Includes Socket Bar 16-832 and (10) Socket Clips 16-843. Approximate Weight, 1.2 lbs.



EYE-D

12-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
11-110	5/16	11-120	5/8
11-112	3/8	11-122	11/16
11-114	7/16	11-124	3/4
11-116	1/2	11-126	13/16
11-118	9/16	11-128	7/8

Set 15-324A
10 Pc. 6 Point 3/8" Drive Socket Set

Contents: 10 Sockets in cardboard box. Includes Socket Bar and Socket Clips. Approximate Weight, 0.93 lbs.



6-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
11-008A	1/4	11-018A	9/16
11-010A	5/16	11-020A	5/8
11-012A	3/8	11-022A	11/16
11-014A	7/16	11-024A	3/4
11-016A	1/2	11-026A	13/16

Set 15-370
10 Pc. 6 Point 3/8" Drive Socket Set

Contents: 10 Sockets in cardboard box. Includes Socket Bar 16-832 and (10) Socket Clips 16-843. Approximate Weight, 1.27 lbs.



EYE-D

6-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
11-010	5/16	11-020	5/8
11-012	3/8	11-022	11/16
11-014	7/16	11-024	3/4
11-016	1/2	11-026	13/16
11-018	9/16	11-028	7/8

Set 15-375
13 Pc. 12 Point Deep 3/8" Drive Socket Set

Contents: 13 Sockets in cardboard box. Includes Socket Bar 16-834 and (20) Socket Clips 16-843. Approximate Weight, 3.12 lbs.



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12-pt. Deep Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
11-308	1/4	11-322	11/16
11-310	5/16	11-324	3/4
11-312	3/8	11-326	13/16
11-314	7/16	11-328	7/8
11-316	1/2	11-330	15/16
11-318	9/16	11-332	1
11-320	5/8		



EYE-D

Set 15-380
13 Pc. 6 Point Deep 3/8" Drive Socket Set

Contents: 13 Sockets in cardboard box. Includes Socket Bar 16-834 and (20) Socket Clips 16-843. Approximate Weight, 4.08 lbs.

6-pt. Deep Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
11-208	1/4	11-222	11/16
11-210	5/16	11-224	3/4
11-212	3/8	11-226	13/16
11-214	7/16	11-228	7/8
11-216	1/2	11-230	15/16
11-218	9/16	11-232	1
11-220	5/8		



EYE-D

Set 15-385
10 Pc. 12 Point Deep 3/8" Drive Socket Set

Contents: 10 Sockets in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-843. Approximate Weight, 2.26 lbs.

12-pt. Deep Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
11-310	5/16	11-320	5/8
11-312	3/8	11-322	11/16
11-314	7/16	11-324	3/4
11-316	1/2	11-326	13/16
11-318	9/16	11-328	7/8



EYE-D

Set 15-390
10 Pc. 6 Point Deep 3/8" Drive Socket Set

Contents: 10 Sockets in cardboard box. Includes Socket Bar 16-832 and (10) Socket Clips 16-843. Approximate Weight, 2.32 lbs.

6-pt. Deep Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
11-210	5/16	11-220	5/8
11-212	3/8	11-222	11/16
11-214	7/16	11-224	3/4
11-216	1/2	11-226	13/16
11-218	9/16	11-228	7/8



Set 15-326A
9 Pc. 6 Point Deep 3/8" Drive Socket Set

Contents: 9 Sockets in cardboard box. Includes Socket Bar and Socket Clips. Approximate Weight, 0.98 lbs.

6-pt. Deep Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
11-212A	3/8	11-222A	11/16
11-214A	7/16	11-224A	3/4
11-216A	1/2	11-226A	13/16
11-218A	9/16	11-228A	7/8
11-220A	5/8		

Always wear eye protection when near tools in use.

Set 15-395
6 Pc. 8 Point 3/8" Drive Socket Set

Contents: 6 Sockets in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-843. Approximate Weight, 0.72 lbs.



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8-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
11-410	5/16	11-416	1/2
11-412	3/8	11-418	9/16
11-414	7/16	11-420	5/8

Set 15-400
7 Pc. 12 Point 3/8" Drive Universal Socket Set

Contents: 7 Sockets in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-843. Approximate Weight, 0.89 lbs.



12-pt. Flex Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
11-512	3/8	11-520	5/8
11-514	7/16	11-522	11/16
11-516	1/2	11-524	3/4
11-518	9/16		

Set 15-405
9 Pc. 3/8" Drive Crowfoot Wrench Set

Contents: 9 Crowfoot Wrenches in cardboard box. Includes Socket Bar 16-832 and (10) Socket Clips 16-843. Approximate Weight, 1.61 lbs.



Open End Crowfoot Wrenches

Product Number	Opening, Inches	Product Number	Opening, Inches
11-850	3/8	11-855	11/16
11-851	7/16	11-856	3/4
11-852	1/2	11-857	13/16
11-853	9/16	11-858	7/8
11-854	5/8		

Set 15-415
8 Pc. 3/8" Drive Flare Nut Crowfoot Wrench Set

Contents: 8 Flare Nut Crowfoot Wrenches in cardboard box. Includes Socket Bar 16-832 and (10) Socket Clips 16-843. Approximate Weight, .80 lbs.



Flare Nut Crowfoot Wrenches

Product Number	Opening, Inches	Product Number	Opening, Inches
11-842	5/8	11-846	7/8
11-843	11/16	11-847	15/16
11-844	3/4	11-848	1
11-845	13/16	11-849	1-1/16



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Set 15-425
7 Pc. 3/8" Drive Extra Long Hex Driver Socket Set

Contents: 7 Hex Drivers in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-843. Approximate Weight, 1.03 lbs.

Hex Driver Sockets with Extra Long Bits

Product Number	Opening, Inches	Product Number	Opening, Inches
11-748	1/8	11-753	1/4
11-750	5/32	11-754	5/16
11-751	3/16	11-755	3/8
11-752	7/32		



EYE-D

Set 15-430
10 Pc. 3/8" and 1/2" Drive Hex Driver Socket Set

Contents: 10 Hex Drivers in Blow Molded case, 16-697.

Hex Driver Sockets with Std. Length Bits

Product Number	Opening, Inches	Product Number	Opening, Inches
11-708	1/8	11-714	5/16
11-710	5/32	11-715	3/8
11-711	3/16	12-717	1/2
11-712	7/32	12-718	9/16
11-713	1/4	12-719	5/8



EYE-D

Set 15-435
10 Pc. 3/8" and 1/2" Drive Hex Driver Socket Set

Contents: 10 Hex Drivers in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-843 and (10) Socket Clips 16-845. Approximate Weight, 2.1 lbs.

Hex Driver Sockets with Std. Length Bits

Product Number	Opening, Inches	Product Number	Opening, Inches
11-708	1/8	11-714	5/16
11-710	5/32	11-715	3/8
11-711	3/16	12-717	1/2
11-712	7/32	12-718	9/16
11-713	1/4	12-719	5/8



EYE-D

Set 15-440
7 Pc. 3/8" Drive Hex Driver Socket Set

Contents: 7 Hex Drivers in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-843. Approximate Weight, 0.69 lbs.

Hex Driver Sockets with Std. Length Bits

Product Number	Opening, Inches	Product Number	Opening, Inches
11-708	1/8	11-713	1/4
11-710	5/32	11-714	5/16
11-711	3/16	11-715	3/8
11-712	7/32		

Always wear eye protection when near tools in use.

Set 15-445
8 Pc. 3/8" Drive Torx™ Driver Socket Set

Contents: 8 Torx Drivers in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-843. Approximate Weight, 0.85 lbs.



EYE-D

Torx Driver Sockets

Product Number	Opening, Torx	Product Number	Opening, Torx
11-872	T15	11-880	T30
11-874	T20	11-882	T40
11-876	T25	11-884	T45
11-878	T27	11-886	T50

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

Set 15-450
6 Pc. 3/8" Drive Torx® Driver Socket Set

Contents: 6 Torx Drivers in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-843. Approximate Weight, 0.69 lbs.



EYE-D

Torx Driver Sockets

Product Number	Opening, Torx	Product Number	Opening, Torx
11-872	T15	11-878	T27
11-874	T20	11-880	T30
11-876	T25	11-882	T40

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

Set 15-455
7 Pc. 3/8" Drive Screwdriver Socket Set

Contents: 7 Screwdriver Sockets in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-843. Approximate Weight, 0.86 lbs.



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Slotted Screwdriver Sockets

Product Number	Opening, Inches
11-802	1/4 x 1/32
11-803	5/16 x 3/64
11-805	3/8 x 1/16

Phillips Screwdriver Sockets

Product Number	Opening, Number
11-821	#1
11-822	#2
11-825	#3
11-828	#4



EYE-D

Set 19-150
13 Pc. 12 Point 3/8" Drive Black Oxide Socket Set

Contents: 13 Sockets in cardboard box. Includes Socket Bar 16-834 and (20) Socket Clips 16-843. Approximate Weight, 2.38 lbs.

12-pt. Black Oxide Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
19-108	1/4	19-122	11/16
19-110	5/16	19-124	3/4
19-112	3/8	19-126	13/16
19-114	7/16	19-128	7/8
19-116	1/2	19-130	15/16
19-118	9/16	19-132	1
19-120	5/8		



EYE-D

Set 19-155
11 Pc. 12 Point Deep 3/8" Drive Black Oxide Socket Set

Contents: 11 Sockets in cardboard box. Includes Socket Bar 16-834 and (20) Socket Clips 16-843. Approximate Weight, 1.58 lbs.

12-pt. Deep Black Oxide Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
19-312	3/8	19-324	3/4
19-314	7/16	19-326	13/16
19-316	1/2	19-328	7/8
19-318	9/16	19-330	15/16
19-320	5/8	19-332	1
19-322	11/16		



Set 19-160
7 Pc. 12 Point 3/8" Drive Universal Black Oxide Socket Set

Contents: 7 Sockets in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-843. Approximate Weight, 0.98 lbs.

12-pt. Universal Black Oxide Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
19-512	3/8	19-520	5/8
19-514	7/16	19-522	11/16
19-516	1/2	19-524	3/4
19-518	9/16		

Always wear eye protection when near tools in use.

Set 44-300 ◯ METRIC
56 Pc. 12 Point 3/8" Drive Socket Set with Box

In Case 16-615.

Set 44-305 ◯ METRIC
56 Pc. 12 Point 3/8" Drive Socket Set; Tools Only

No Box; Tools Only

Contents: 44 Sockets, 12 Drive Tools.
Approximate Weight, 14.47 lbs. (6,569 g)



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12-pt. Std. Length Sockets

Product Number	Opening, mm
38-106	6
38-107	7
38-108	8
38-109	9
38-110	10
38-111	11
38-112	12
38-113	13
38-114	14
38-115	15
38-116	16
38-117	17
38-118	18
38-119	19
38-120	20
38-121	21
38-122	22

12-pt. Deep Sockets

Product Number	Opening, mm
38-306	6
38-307	7
38-308	8
38-309	9
38-310	10
38-311	11
38-312	12
38-313	13
38-314	14
38-315	15
38-316	16
38-317	17
38-318	18
38-319	19

Screwdriver Sockets

Product Number	Opening, Inches
11-802	1/4 x 1/32
11-822	#2
11-825	#3
11-828	#4

Hex Driver Sockets

Product Number	Opening, mm
38-707	4
38-709	5
38-711	6
38-712	7
38-713	8
38-714	9
38-715	10

Drive Tools:

Product Number	Description
11-918	Breaker Bar, 3/8" Dr, 8-1/2"
11-922	Extension, 3/8" Dr, 3"
11-923	Extension, 3/8" Dr, 6"
11-927	Extension, 3/8" Dr, 12"
11-929	Extension, 3/8" Dr, Flex, 7-1/4"
11-931	Locking Adapter, 3/8" Dr
11-935	Speeder, 3/8" Dr
11-938	T-Handle, 3/8" Dr
11-943	Plastic Handle Driver, 3/8" Dr, 6"
11-945	Ratchet Spinner, 3/8" Dr
11-947	Universal Joint, 3/8" Dr
11-952	Adapter, 3/8" F, 1/2" M
11-972	Ratchet, 3/8" Dr, 7-3/8"
11-974	Ratchet Flex Head, 3/8" Dr



EYE-D

Set 44-310 ◯ METRIC
29 Pc. 12 Point 3/8" Drive Socket Set

Contents: 24 Sockets, 5 Drive Tools. In Case 16-613.
Approximate Weight, 9.53 lbs. (4,327 g)

12-pt. Std. Length Sockets

Product Number	Opening, mm
38-108	8
38-109	9
38-110	10
38-111	11
38-112	12
38-113	13
38-114	14
38-115	15
38-116	16
38-117	17
38-118	18
38-119	19

12-pt. Deep Sockets

Product Number	Opening, mm
38-308	8
38-309	9
38-310	10
38-311	11
38-312	12
38-313	13
38-314	14
38-315	15
38-316	16
38-317	17
38-318	18
38-319	19

Drive Tools:

Product Number	Description
11-918	Breaker Bar, 3/8" Dr
11-922	Extension, 3/8" Dr, 3"
11-923	Extension, 3/8" Dr, 6"
11-947	Universal Joint, 3/8" Dr
11-972	Ratchet, 3/8" Dr, 7-3/8"

Always wear eye protection when near tools in use.

Set 44-315 — METRIC
29 Pc. 6 Point 3/8" Drive Socket Set

Contents: 24 Sockets, 5 Drive Tools. In Case 16-613.
Approximate Weight, 9.53 lbs. (4,327 g)

6-pt. Std. Length Sockets

Product Number	Opening, mm
38-008	8
38-009	9
38-010	10
38-011	11
38-012	12
38-013	13
38-014	14
38-015	15
38-016	16
38-017	17
38-018	18
38-019	19

6-pt. Deep Sockets

Product Number	Opening, mm
38-208	8
38-209	9
38-210	10
38-211	11
38-212	12
38-213	13
38-214	14
38-215	15
38-216	16
38-217	17
38-218	18
38-219	19

Drive Tools:

Product Number	Description
11-918	Breaker Bar, 3/8" Dr
11-922	Extension, 3/8" Dr, 3"
11-923	Extension, 3/8" Dr, 6"
11-947	Universal Joint, 3/8" Dr
11-972	Ratchet, 3/8" Dr, 7-3/8"



EYE-D

Set 44-326A — METRIC
22 Pc. 6 Point 3/8" Drive Socket Set

Contents: 19 Sockets, 3 Drive Tools. In Case.
Approximate Weight, 9.0 lbs. (4,082 g)

6-pt. Std. Length Sockets

Product Number	Opening, mm
38-010A	10
38-011A	11
38-012A	12
38-013A	13
38-014A	14
38-015A	15
38-016A	16
38-017A	17
38-018A	18
38-019A	19

6-pt. Deep Sockets

Product Number	Opening, mm
38-210A	10
38-211A	11
38-212A	12
38-213A	13
38-214A	14
38-215A	15
38-217A	17
38-219A	19

Drive Tools:

Product Number	Description
11-922A	Extension, 3/8" Dr, 3"
11-923A	Extension, 3/8" Dr, 6"
38-319A	Quick Release Ratchet, 3/8" Dr





EYE-D

Set 44-320 ◯ METRIC
20 Pc. 12 Point 3/8" Drive Socket Set

Contents: 14 Sockets, 6 Drive Tools. In Case 16-613.
Approximate Weight, 7.67 lbs. (3,482 g)

12-pt. Std. Length Sockets

Product Number	Opening, mm
38-106	6
38-107	7
38-108	8
38-109	9
38-110	10
38-111	11
38-112	12
38-113	13
38-114	14
38-115	15
38-116	16
38-117	17
38-118	18
38-119	19

Drive Tools:

Product Number	Description
11-918	Breaker Bar, 3/8" Dr
11-922	Extension, 3/8" Dr, 3"
11-927	Extension, 3/8" Dr, 12"
11-935	Speeder, 3/8" Dr
11-947	Universal Joint, 3/8" Dr
11-972	Ratchet, 3/8" Dr, 7-3/8"



EYE-D

Set 44-325 ◯ METRIC
16 Pc. 12 Point 3/8" Drive Socket Set

Contents: 14 Sockets, 2 Drive Tools. In Case 16-621.
Approximate Weight, 6.73 lbs. (3,055 g)

12-pt. Std. Length Sockets

Product Number	Opening, mm
38-106	6
38-107	7
38-108	8
38-109	9
38-110	10
38-111	11
38-112	12
38-113	13
38-114	14
38-115	15
38-116	16
38-117	17
38-118	18
38-119	19

Drive Tools:

Product Number	Description
11-923	Extension, 3/8" Dr, 6"
11-972	Ratchet, 3/8" Dr, 7-3/8"

Always wear eye protection when near tools in use.

Set 44-330 — METRIC
19 Pc. 12 Point 3/8" Drive Socket Set

Contents: 19 Sockets in cardboard box. Includes Socket Bar 16-835 and (20) Socket Clips 16-843. Approximate Weight, 2.62 lbs. (922 g)



EYE-D

12-pt. Std. Length Sockets

Product Number	Opening, mm	Product Number	Opening, mm	Product Number	Opening, mm
38-106	6	38-112	12	38-118	18
38-107	7	38-113	13	38-119	19
38-108	8	38-114	14	38-120	20
38-109	9	38-115	15	38-121	21
38-110	10	38-116	16	38-122	22
38-111	11	38-117	17	38-123	23
				38-126	26

Set 44-335 — METRIC
19 Pc. 6 Point 3/8" Drive Socket Set

Contents: 19 Sockets in cardboard box. Includes Socket Bar 16-835 and (20) Socket Clips 16-843. Approximate Weight, 2.01 lbs. (913 g)



EYE-D

6-pt. Std. Length Sockets

Product Number	Opening, mm	Product Number	Opening, mm	Product Number	Opening, mm
38-006	6	38-012	12	38-018	18
38-007	7	38-013	13	38-019	19
38-008	8	38-014	14	38-020	20
38-009	9	38-015	15	38-021	21
38-010	10	38-016	16	38-022	22
38-011	11	38-017	17	38-023	23
				38-026	26

Set 44-324A — METRIC
13 Pc. 6 Point 3/8" Drive Socket Set

Contents: 13 Sockets in cardboard box. Includes Socket Bar and Socket Clips. Approximate Weight, 1.05 lbs. (476 g)



6-pt. Std. Length Sockets

Product Number	Opening, mm	Product Number	Opening, mm	Product Number	Opening, mm
38-007A	7	38-012A	12	38-016A	16
38-008A	8	38-013A	13	38-017A	17
38-009A	9	38-014A	14	38-018A	18
38-010A	10	38-015A	15	38-019A	19
38-011A	11				

Set 44-340 — METRIC
12 Pc. 12 Point 3/8" Drive Socket Set

Contents: 12 Sockets in cardboard box. Includes Socket Bar 16-832 and (20) Socket Clips 16-843. Approximate Weight, 1.32 lbs. (527 g)



EYE-D

12-pt. Std. Length Sockets

Product Number	Opening, mm	Product Number	Opening, mm
38-108	8	38-114	14
38-109	9	38-115	15
38-110	10	38-116	16
38-111	11	38-117	17
38-112	12	38-118	18
38-113	13	38-119	19



EYE-D

Set 44-345 — METRIC
12 Pc. 6 Point 3/8" Drive Socket Set

Contents: 12 Sockets in cardboard box. Includes Socket Bar 16-832 and (20) Socket Clips 16-843. Approximate Weight, 1.42 lbs. (527 g)



EYE-D

Set 44-346 — METRIC
12 Pc. 6 Point 3/8" Drive Socket Set with Plastic Socket Rail

Contents: 12 Sockets in cardboard box. Includes plastic Socket Rail 16-839 and (15) Socket Clips 16-846. Approximate Weight, 1.42 lbs. (527 g)

6-pt. Std. Length Sockets

Product Number	Opening, mm	Product Number	Opening, mm
38-008	8	38-014	14
38-009	9	38-015	15
38-010	10	38-016	16
38-011	11	38-017	17
38-012	12	38-018	18
38-013	13	38-019	19



EYE-D

Set 44-350 — METRIC
18 Pc. 12 Point 3/8" Drive Deep Socket Set

Contents: 18 Sockets in cardboard box. Includes Socket Bar 16-835 and (20) Socket Clips 16-843. Approximate Weight, 2.07 lbs. (940 g)

12-pt. Deep Sockets

Product Number	Opening, mm	Product Number	Opening, mm
38-306	6	38-315	15
38-307	7	38-316	16
38-308	8	38-317	17
38-309	9	38-318	18
38-310	10	38-319	19
38-311	11	38-320	20
38-312	12	38-321	21
38-313	13	38-322	22
38-314	14	38-323	23



EYE-D

Set 44-355 — METRIC
18 Pc. 6 Point 3/8" Drive Deep Socket Set

Contents: 18 Sockets in cardboard box. Includes Socket Bar 16-835 and (20) Socket Clips 16-843. Approximate Weight, 2.12 lbs. (962 g)

6-pt. Deep Sockets

Product Number	Opening, mm	Product Number	Opening, mm
38-206	6	38-215	15
38-207	7	38-216	16
38-208	8	38-217	17
38-209	9	38-218	18
38-210	10	38-219	19
38-211	11	38-220	20
38-212	12	38-221	21
38-213	13	38-222	22
38-214	14	38-223	23

Always wear eye protection when near tools in use.

Set 44-360 — METRIC
12 Pc. 12 Point 3/8" Drive Deep Socket Set

Contents: 12 Sockets in cardboard box. Includes Socket Bar 16-832 and (20) Socket Clips 16-843. Approximate Weight, 2.07 lbs. (940 g)



EYE-D

12-pt. Deep Sockets

Product Number	Opening, mm	Product Number	Opening, mm
38-308	8	38-314	14
38-309	9	38-315	15
38-310	10	38-316	16
38-311	11	38-317	17
38-312	12	38-318	18
38-313	13	38-319	19

Set 44-365 — METRIC
12 Pc. 6 Point 3/8" Drive Deep Socket Set

Contents: 12 Sockets in cardboard box. Includes Socket Bar 16-832 and (20) Socket Clips 16-843. Approximate Weight, 2.12 lbs. (962 g)



EYE-D

6-pt. Deep Sockets

Product Number	Opening, mm	Product Number	Opening, mm
38-208	8	38-214	14
38-209	9	38-215	15
38-210	10	38-216	16
38-211	11	38-217	17
38-212	12	38-218	18
38-213	13	38-219	19

Set 44-370 — METRIC
12 Pc. 3/8" Drive Crowfoot Wrench Set

Contents: 12 Metric Crowfoot Wrenches in cardboard box. Includes Socket Bar 16-835 and (20) Socket Clips 16-843. Approximate Weight, 1.6 lbs. (726 g)



Open End Crowfoot Wrenches

Product Number	Opening, mm	Product Number	Opening, mm
38-850	10	38-856	16
38-851	11	38-857	17
38-852	12	38-858	18
38-853	13	38-859	19
38-854	14	38-861	21
38-855	15	38-862	22



EYE-D

Set 44-375 — METRIC
6 Pc. 3/8" Drive Extra Long Hex Driver Socket Set

Contents: 6 Hex Drivers in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-843. Approximate Weight, 0.96 lbs. (436 g)

Hex Driver Sockets with Extra Long Bits

Product Number	Opening, mm	Replacement Bit Part #	Product Number	Opening, mm	Replacement Bit Part #
38-747	4	94-347	38-752	7	94-352
38-749	5	94-349	38-753	8	94-353
38-751	6	94-351	38-755	10	94-355



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Set 44-380 — METRIC
10 Pc. 3/8" and 1/2" Drive Hex Driver Socket Set

Contents: 10 Metric Hex Driver Sockets in Blow Molded Case, 16-697.

Metric Hex Driver Sockets with Std. Length Bits

Product Number	Opening, mm	Replacement Bit Part #	Product Number	Opening, mm	Replacement Bit Part #
38-707	4	94-307	38-714	9	94-314
38-709	5	94-309	38-715	10	94-315
38-711	6	94-311	39-717	12	94-717
38-712	7	94-312	39-719	14	94-719
38-713	8	94-313	39-722	17	94-722



EYE-D

Set 44-385 — METRIC
7 Pc. 3/8" Drive Hex Driver Socket Set

Contents: 7 Hexdriver Sockets in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-843. Approximate Weight, 0.65 lbs. (295 g)

Hex Driver Sockets with Std. Length Bits

Product Number	Opening, mm	Replacement Bit Part #	Product Number	Opening, mm	Replacement Bit Part #
38-707	4	94-307	38-713	8	94-313
38-709	5	94-309	38-714	9	94-314
38-711	6	94-311	38-715	10	94-315
38-712	7	94-312			

Always wear eye protection when near tools in use.

Set 15-500
65 Pc. 8 and 12 Point 1/2" Drive Socket Set with Box

In 6 Drawer Top Chest 16-880.

Set 15-505
65 Pc. 8 and 12 Point 1/2" Drive Socket Set; Tools Only

No Box; Tools Only

Contents: 55 Sockets, 10 Drive Tools.
Approximate Weight, 51.02 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
12-112	3/8
12-114	7/16
12-116	1/2
12-118	9/16
12-119	19/32
12-120	5/8
12-122	11/16
12-124	3/4
12-125	25/32
12-126	13/16
12-128	7/8
12-130	15/16
12-132	1
12-134	1-1/16
12-136	1-1/8
12-138	1-3/16
12-140	1-1/4
12-142	1-5/16
12-144	1-3/8
12-146	1-7/16
12-148	1-1/2

12-pt. Deep Sockets

Product Number	Opening, Inches
12-316	1/2
12-318	9/16
12-320	5/8
12-322	11/16
12-324	3/4
12-326	13/16
12-328	7/8
12-330	15/16
12-332	1
12-334	1-1/16
12-336	1-1/8
12-340	1-1/4

Hex Driver Sockets

Product Number	Opening, Inches
12-713	1/4
12-714	5/16
12-715	3/8
12-716	7/16
12-717	1/2
12-718	9/16
12-719	5/8

8-pt. Std. Length Sockets

Product Number	Opening, Inches
12-412	3/8
12-414	7/16
12-416	1/2
12-418	9/16
12-420	5/8
12-422	11/16
12-424	3/4
12-426	13/16
12-428	7/8
12-432	1

12-pt. Universal Sockets

Product Number	Opening, Inches
12-516	1/2
12-518	9/16
12-520	5/8

Drag Link Socket

Product Number	Opening, Inches
12-892	7/64 x 15/16
12-893	3/32 x 1-1/4

Drive Tools:

Product Number	Description
12-918	Breaker Bar, 1/2" Dr, 17"
12-921	Extension, 1/2" Dr, 2-1/2"
12-923	Extension, 1/2" Dr, 5"
12-924	Extension, 1/2" Dr, 10"
12-935	Speeder, 1/2" Dr
12-938	T-Handle, 1/2" Dr
12-947	Universal Joint, 1/2" Dr
12-972	Ratchet, 1/2" Dr, 10-1/2"
12-973	Ratchet, 1/2" Dr, 15"
12-951	Adapter, 1/2" F x 3/4" M, 1/2" Dr



EYE-D



EYE-D

Set 15-510
30 Pc. 12 Point 1/2" Drive Socket Set

Contents: 26 Sockets, 4 Drive Tools. In Case 16-629.
Approximate Weight, 24.47 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
12-112	3/8
12-114	7/16
12-116	1/2
12-118	9/16
12-120	5/8
12-122	11/16
12-124	3/4
12-126	13/16
12-128	7/8
12-130	15/16
12-132	1
12-134	1-1/16
12-136	1-1/8
12-140	1-1/4

12-pt. Deep Sockets

Product Number	Opening, Inches
12-316	1/2
12-318	9/16
12-320	5/8
12-322	11/16
12-324	3/4
12-326	13/16
12-328	7/8
12-330	15/16
12-332	1
12-334	1-1/16
12-336	1-1/8
12-340	1-1/4

Drive Tools:

Product Number	Description
12-918	Breaker Bar, 1/2" Dr, 17"
12-923	Extension, 1/2" Dr, 5"
12-924	Extension, 1/2" Dr, 10"
12-972	Ratchet, 1/2" Dr, 10-1/2"



EYE-D

Set 15-511
30 Pc. 12 Point 1/2" Drive Socket Set with Armstrong Maxx Ratchet

Contents: 26 Sockets, 4 Drive Tools. In Case 16-629.
Approximate Weight, 24.47 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
12-112	3/8
12-114	7/16
12-116	1/2
12-118	9/16
12-120	5/8
12-122	11/16
12-124	3/4
12-126	13/16
12-128	7/8
12-130	15/16
12-132	1
12-134	1-1/16
12-136	1-1/8
12-140	1-1/4

12-pt. Deep Sockets

Product Number	Opening, Inches
12-316	1/2
12-318	9/16
12-320	5/8
12-322	11/16
12-324	3/4
12-326	13/16
12-328	7/8
12-330	15/16
12-332	1
12-334	1-1/16
12-336	1-1/8
12-340	1-1/4

Drive Tools:

Product Number	Description
12-918	Breaker Bar, 1/2" Dr, 17"
12-923	Extension, 1/2" Dr, 5"
12-924	Extension, 1/2" Dr, 10"
12-992	Armstrong Maxx Ratchet, 1/2" Dr

Always wear eye protection when near tools in use.

Set 15-515
27 Pc. 12 Point 1/2" Drive Socket Set

Contents: 14 Sockets, 5 Drive Tools, 7 Wrenches, 1 Pliers.
In Case 16-629. Approximate Weight, 19.08 lbs.



EYE-D

12-pt. Std. Length Sockets

Product Number	Opening, Inches
12-114	7/16
12-116	1/2
12-118	9/16
12-120	5/8
12-122	11/16
12-124	3/4
12-126	13/16
12-128	7/8
12-130	15/16
12-132	1
12-134	1-1/16
12-136	1-1/8
12-140	1-1/4

12-pt. Full Polish Combination Wrenches

Product Number	Opening, Inches
25-212	3/8
25-214	7/16
25-216	1/2
25-218	9/16
25-220	5/8
25-222	11/16
25-224	3/4

Spark Plug Socket

Product Number	Opening, Inches
12-504	13/16

Tongue & Groove Pliers

Product Number	Length, Inches
67-779	10

Drive Tools:

Product Number	Description
12-918	Breaker Bar, 1/2" Dr, 17"
12-923	Extension, 1/2" Dr, 5"
12-924	Extension, 1/2" Dr, 10"
12-947	Universal Joint, 1/2" Dr
12-972	Ratchet, 1/2" Dr, 10-1/2"



EYE-D

Set 15-520
26 Pc. 12 Point 1/2" Drive Socket Set

Contents: 18 Sockets, 8 Drive Tools. In Case 16-629.
Approximate Weight, 19.08 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
12-112	3/8
12-114	7/16
12-116	1/2
12-118	9/16
12-119	19/32
12-120	5/8
12-121	21/32
12-122	11/16
12-124	3/4
12-125	25/32
12-126	13/16
12-128	7/8
12-130	15/16
12-132	1
12-134	1-1/16
12-136	1-1/8
12-138	1-3/16
12-140	1-1/4

Drive Tools:

Product Number	Description
12-918	Breaker Bar, 1/2" Dr,17"
12-921	Extension, 1/2" Dr, 2-1/2"
12-923	Extension, 1/2" Dr, 5"
12-924	Extension, 1/2" Dr, 10"
12-935	Speeder, 1/2" Dr
12-945	Ratchet Spinner, 1/2" Dr
12-947	Universal Joint, 1/2" Dr
12-972	Ratchet, 1/2" Dr, 10-1/2"



Set 15-517A
23 Pc. 6 and 12 Point 1/2" Drive Socket Set

Contents: 20 Sockets, 3 Drive Tools. In Case.
Approximate Weight, 13.25 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
12-014A	7/16
12-016A	1/2
12-018A	9/16

12-pt. Std. Length Sockets

Product Number	Opening, Inches
12-120A	5/8
12-122A	11/16
12-124A	3/4
12-126A	13/16
12-128A	7/8
12-130A	15/16
12-132A	1
12-134A	1-1/16
12-136A	1-1/8
12-140A	1-1/4

12-pt. Deep Sockets

Product Number	Opening, Inches
12-316A	1/2
12-318A	9/16
12-320A	5/8
12-322A	11/16
12-324A	3/4
12-326A	13/16
12-328A	7/8

Drive Tools:

Product Number	Description
12-923A	Extension, 1/2" Dr, 6"
12-917A	Flex Handle, 1/2" Dr, 15"
12-967A	Quick Release Ratchet, 1/2" Dr

Always wear eye protection when near tools in use.

Set 15-525
18 Pc. 12 Point 1/2" Drive Socket Set

Contents: 15 Sockets, 3 Drive Tools. In Case 16-629.
Approximate Weight, 19.08 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
12-112	3/8
12-114	7/16
12-116	1/2
12-118	9/16
12-120	5/8
12-122	11/16
12-124	3/4
12-126	13/16
12-128	7/8
12-130	15/16
12-132	1
12-134	1-1/16
12-136	1-1/8
12-138	1-3/16
12-140	1-1/4

Drive Tools:

Product Number	Description
12-918	Breaker Bar, 1/2" Dr, 17"
12-923	Extension, 1/2" Dr, 5"
12-972	Ratchet, 1/2" Dr, 10-1/2"



EYE-D

Set 15-530
18 Pc. 6 Point 1/2" Drive Socket Set

Contents: 15 Sockets, 3 Drive Tools. In Case 16-629.
Approximate Weight, 19.08 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches
12-012	3/8
12-014	7/16
12-016	1/2
12-018	9/16
12-020	5/8
12-022	11/16
12-024	3/4
12-026	13/16
12-028	7/8
12-030	15/16
12-032	1
12-034	1-1/16
12-036	1-1/8
12-038	1-3/16
12-040	1-1/4

Drive Tools:

Product Number	Description
12-918	Breaker Bar, 1/2" Dr, 17"
12-923	Extension, 1/2" Dr, 5"
12-972	Ratchet, 1/2" Dr, 10-1/2"



EYE-D



EYE-D

Set 15-535
16 Pc. 12 Point 1/2" Drive Socket Set

Contents: 10 Sockets, 6 Drive Tools. In Case 16-629.
Approximate Weight, 11.46 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
12-114	7/16
12-116	1/2
12-118	9/16
12-120	5/8
12-122	11/16
12-124	3/4
12-126	13/16
12-128	7/8
12-130	15/16
12-132	1

Drive Tools:

Product Number	Description
12-918	Breaker Bar, 1/2" Dr, 17"
12-923	Extension, 1/2" Dr, 5"
12-924	Extension, 1/2" Dr, 10"
12-935	Speeder, 1/2" Dr
12-947	Universal Joint, 1/2" Dr
12-972	Ratchet, 1/2" Dr, 10-1/2"



Set 15-518A
16 Pc. 12 Point 1/2" Drive Socket Set

Contents: 13 Sockets, 3 Drive Tools. In Case.
Approximate Weight, 9.00 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
12-114A	7/16
12-116A	1/2
12-118A	9/16
12-120A	5/8
12-122A	11/16
12-124A	3/4
12-126A	13/16
12-128A	7/8
12-130A	15/16
12-132A	1
12-134A	1-1/16
12-136A	1-1/8
12-140A	1-1/4

Drive Tools:

Product Number	Description
12-923A	Extension, 1/2" Dr, 6"
12-917A	Flex Handle, 1/2" Dr, 15"
12-967A	Quick Release Ratchet, 1/2" Dr



EYE-D

Set 15-540
12 Pc. 12 Point 1/2" Drive Socket Set

Contents: 10 Sockets, 2 Drive Tools. In Case 16-623.
Approximate Weight, 6.47 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
12-114	7/16
12-116	1/2
12-118	9/16
12-120	5/8
12-122	11/16
12-124	3/4
12-126	13/16
12-128	7/8
12-130	15/16
12-132	1

Drive Tools:

Product Number	Description
12-923	Extension, 1/2" Dr, 5"
12-972	Ratchet, 1/2" Dr, 10-1/2"

Always wear eye protection when near tools in use.

Set 15-519A
12 Pc. 12 Point 1/2" Drive Socket Set

Contents: 10 Sockets, 2 Drive Tools. In Case.
Approximate Weight, 4.06 lbs

12-pt. Std. Length Sockets

Product Number	Opening, Inches
12-114A	7/16
12-116A	1/2
12-118A	9/16
12-120A	5/8
12-122A	11/16
12-124A	3/4
12-126A	13/16
12-128A	7/8
12-130A	15/16
12-132A	1

Drive Tools:

Product Number	Description
12-923A	Extension, 1/2" Dr, 6"
12-967A	Quick Release Ratchet, 1/2" Dr



Set 15-545
19 Pc. 12 Point 1/2" Drive Socket Set

Contents: 19 Sockets in cardboard box. Includes Socket Bars 16-831 and 16-835 and (20) Socket Clips 16-845. Approximate Weight, 7.02 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
12-112	3/8	12-126	13/16	12-140	1-1/4
12-114	7/16	12-128	7/8	12-142	1-5/16
12-116	1/2	12-130	15/16	12-144	1-3/8
12-118	9/16	12-132	1	12-146	1-7/16
12-120	5/8	12-134	1-1/16	12-148	1-1/2
12-122	11/16	12-136	1-1/8		
12-124	3/4	12-138	1-3/16		



EYE-D

Set 15-550
19 Pc. 6 Point 1/2" Drive Socket Set

Contents: 19 Sockets in cardboard box. Includes Socket Bars 16-831 and 16-835 and (20) Socket Clips 16-845. Approximate Weight, 7.02 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
12-012	3/8	12-026	13/16	12-040	1-1/4
12-014	7/16	12-028	7/8	12-042	1-5/16
12-016	1/2	12-030	15/16	12-044	1-3/8
12-018	9/16	12-032	1	12-046	1-7/16
12-020	5/8	12-034	1-1/16	12-048	1-1/2
12-022	11/16	12-036	1-1/8		
12-024	3/4	12-038	1-3/16		



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Set 15-555
15 Pc. 12 Point 1/2" Drive Socket Set

Contents: 15 Sockets in cardboard box. Includes Socket Bar 16-835 and (20) Socket Clips 16-845. Approximate Weight, 4.21 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
12-112	3/8	12-122	11/16	12-132	1
12-114	7/16	12-124	3/4	12-134	1-1/16
12-116	1/2	12-126	13/16	12-136	1-1/8
12-118	9/16	12-128	7/8	12-138	1-3/16
12-120	5/8	12-130	15/16	12-140	1-1/4



EYE-D



EYE-D

Set 15-560
15 Pc. 6 Point 1/2" Drive Socket Set

Contents: 15 Sockets in cardboard box. Includes Socket Bar 16-835 and (20) Socket Clips 16-845. Approximate Weight, 4.30 lbs.



EYE-D

Set 15-561
15 Pc. 6 Point 1/2" Drive Socket Set with Plastic Socket Rail

Contents: 15 Sockets in cardboard box. Includes (2) Plastic Socket Rail 16-836 and (15) Socket Clips 16-848. Approximate Weight, 4.30 lbs.

6-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
12-012	3/8	12-022	11/16	12-032	1
12-014	7/16	12-024	3/4	12-034	1-1/16
12-016	1/2	12-026	13/16	12-036	1-1/8
12-018	9/16	12-028	7/8	12-038	1-3/16
12-020	5/8	12-030	15/16	12-040	1-1/4



Set 15-521A
14 Pc. 6 Point 1/2" Drive Socket Set

Contents: 14 Sockets in cardboard box. Includes Socket Bar and Socket Clips. Approximate Weight, 3.15 lbs

6-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
12-012A	3/8	12-022A	11/16	12-032A	1
12-014A	7/16	12-024A	3/4	12-034A	1-1/16
12-016A	1/2	12-026A	13/16	12-036A	1-1/8
12-018A	9/16	12-028A	7/8	12-040A	1-1/4
12-020A	5/8	12-030A	15/16		



EYE-D

Set 15-565
19 Pc. 12 Point Deep 1/2" Drive Socket Set

Contents: 19 Sockets in cardboard box. Includes Socket Bars 16-831 and 16-835 and (20) Socket Clips 16-845. Approximate Weight, 5.67 lbs.

12-pt. Deep Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
12-312	3/8	12-326	13/16	12-340	1-1/4
12-314	7/16	12-328	7/8	12-342	1-5/16
12-316	1/2	12-330	15/16	12-344	1-3/8
12-318	9/16	12-332	1	12-346	1-7/16
12-320	5/8	12-334	1-1/16	12-348	1-1/2
12-322	11/16	12-336	1-1/8		
12-324	3/4	12-338	1-3/16		

Always wear eye protection when near tools in use.

Set 15-570
19 Pc. 6 Point Deep 1/2" Drive Socket Set

Contents: 19 Sockets in cardboard box. Includes Socket Bars 16-831 and 16-835 and (20) Socket Clips 16-845. Approximate Weight, 10.02 lbs.



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6-pt. Deep Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
12-212	3/8	12-226	13/16	12-240	1-1/4
12-214	7/16	12-228	7/8	12-242	1-5/16
12-216	1/2	12-230	15/16	12-244	1-3/8
12-218	9/16	12-232	1	12-246	1-7/16
12-220	5/8	12-234	1-1/16	12-248	1-1/2
12-222	11/16	12-236	1-1/8		
12-224	3/4	12-238	1-3/16		

Set 15-575
15 Pc. 12 Point Deep 1/2" Drive Socket Set

Contents: 15 Sockets in cardboard box. Includes Socket Bar 16-835 and (20) Socket Clips 16-845. Approximate Weight, 5.67 lbs.



EYE-D

12-pt. Deep Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
12-312	3/8	12-322	11/16	12-332	1
12-314	7/16	12-324	3/4	12-334	1-1/16
12-316	1/2	12-326	13/16	12-336	1-1/8
12-318	9/16	12-328	7/8	12-338	1-3/16
12-320	5/8	12-330	15/16	12-340	1-1/4

Set 15-580
15 Pc. 6 Point Deep 1/2" Drive Socket Set

Contents: 15 Sockets in cardboard box. Includes Socket Bar 16-835 and (20) Socket Clips 16-845. Approximate Weight, 7.03 lbs.



EYE-D

6-pt. Deep Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
12-212	3/8	12-222	11/16	12-232	1
12-214	7/16	12-224	3/4	12-234	1-1/16
12-216	1/2	12-226	13/16	12-236	1-1/8
12-218	9/16	12-228	7/8	12-238	1-3/16
12-220	5/8	12-230	15/16	12-240	1-1/4



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Set 15-585
10 Pc. 8 Point 1/2" Drive Socket Set

Contents 10 Sockets in cardboard box. Includes Socket Bar 16-834 and (10) Socket Clips 16-845. Approximate Weight, 3.61 lbs.

8-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
12-412	3/8	12-420	5/8	12-428	7/8
12-414	7/16	12-422	11/16	12-432	1
12-416	1/2	12-424	3/4		
12-418	9/16	12-426	13/16		



EYE-D

Set 15-590
5 Pc. 12 Point 1/2" Drive Universal Socket Set

Contents: 5 Sockets in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-845. Approximate Weight, 1.82 lbs.

12-pt. Universal Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
12-516	1/2	12-522	11/16
12-518	9/16	12-524	3/4
12-520	5/8		



Set 15-595
7 Pc. 1/2" Drive Crowfoot Wrench Set

Contents: 7 Crowfoot Wrenches in cardboard box. Includes Socket Bar 16-835 and (10) Socket Clips 16-845. Approximate Weight, 1.76 lbs.

Open End Crowfoot Wrenches

Product Number	Opening, Inches	Product Number	Opening, Inches
12-859	15/16	12-863	1-1/4
12-860	1	12-866	1-7/16
12-861	1-1/16	12-867	1-1/2
12-862	1-1/8		



Set 15-600
15 Pc. 1/2" Drive Flare Nut Crowfoot Wrench Set

Contents: 15 Flare Nut Crowfoot Wrenches in cardboard box. Includes (2) Socket Bars 16-835 and (20) Socket Clips 16-845. Approximate Weight, 4.80 lbs.

Flare Nut Crowfoot Wrenches

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
12-840	1-1/8	12-845	1-7/16	12-850	1-3/4
12-841	1-3/16	12-846	1-1/2	12-851	1-13/16
12-842	1-1/4	12-847	1-9/16	12-852	1-7/8
12-843	1-5/16	12-848	1-5/8	12-853	1-15/16
12-844	1-3/8	12-849	1-11/16	12-854	2

Always wear eye protection when near tools in use.

Set 15-605
6 Pc. 1/2" Drive Extra Long Hex Driver Socket Set

Contents: 6 Hex Drivers in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-845. Approximate Weight, 2.67 lbs.

Hex Driver Sockets with Extra Long Bits

Product Number	Opening, Inches	Replacement Bit Part #	Product Number	Opening, Inches	Replacement Bit Part #
12-753	1/4	94-253	12-757	1/2	94-257
12-754	5/16	94-254	12-758	9/16	94-258
12-755	3/8	94-255	12-759	5/8	94-259



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Set 15-610
7 Pc. 1/2" Drive Hex Driver Socket Set

Contents: 7 Hex Drivers in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-845. Approximate Weight, 2.71 lbs.

Hex Driver Sockets with Std. Length Bits

Product Number	Opening, Inches	Replacement Bit Part #	Product Number	Opening, Inches	Replacement Bit Part #
12-713	1/4	94-213	12-717	1/2	94-217
12-714	5/16	94-214	12-718	9/16	94-218
12-715	3/8	94-215	12-719	5/8	94-219
12-716	7/16	94-216			



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Set 15-615
6 Pc. 1/2" Drive Torx® Driver Socket Set

Contents: 6 Torx Drivers in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-845. Approximate Weight, 1.60 lbs.

Torx Driver Sockets

Product Number	Torx Size	Replacement Bit Part #	Product Number	Torx Size	Replacement Bit Part #
12-878	T27	94-178	12-884	T45	94-184
12-880	T30	94-180	12-886	T50	94-186
12-882	T40	94-182	12-888	T55	94-188

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Set 15-620
7 Pc. 1/2" Drive Screwdriver Socket Set

Contents: 7 Screwdriver Sockets in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-845. Approximate Weight 1.49 lbs.

Slotted Screwdriver Sockets

Product Number	Opening, Inches	Replacement Bit Part #
12-802	1/4 x 1/32	94-102
12-803	5/16 x 3/64	94-103
12-805	3/8 x 1/16	94-105

Phillips Screwdriver Sockets

Product Number	Opening, Inches	Replacement Bit Part #
12-821	#1	94-121
12-822	#2	94-122
12-825	#3	94-125
12-828	#4	94-128



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Set 20-650
15 Pc. 12 Point 1/2" Drive Black Oxide Socket Set

Contents: 15 Sockets in cardboard box. Includes Socket Bars 16-831 and 16-832 and (20) Socket Clips 16-845. Approximate Weight, 6.82 lbs.

12-pt. Std. Length Black Oxide Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
20-112	3/8	20-128	7/8
20-114	7/16	20-130	15/16
20-116	1/2	20-132	1
20-118	9/16	20-134	1-1/16
20-120	5/8	20-136	1-1/8
20-122	11/16	20-140	1-1/4
20-124	3/4	20-148	1-1/2
20-126	13/16		



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Set 20-660
14 Pc. 12 Point Deep 1/2" Drive Black Oxide Socket Set

Contents: 14 Sockets in cardboard box. Includes Socket Bar 16-835 and (20) Socket Clips 16-845. Approximate Weight, 6.12 lbs.

12-pt. Deep Black Oxide Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches
20-312	3/8	20-326	13/16
20-314	7/16	20-328	7/8
20-316	1/2	20-330	15/16
20-318	9/16	20-332	1
20-320	5/8	20-334	1-1/16
20-322	11/16	20-336	1-1/8
20-324	3/4	20-340	1-1/4

Always wear eye protection when near tools in use.

Set 44-500 ◯ METRIC
54 Pc. 12 Point 1/2" Drive Socket Set with Box

In 6 Drawer Top Chest 16-880.

Set 44-505 ◯ METRIC
54 Pc. 12 Point 1/2" Drive Socket Set; Tools Only

No Chest; Tools Only

Contents: 45 Sockets, 9 Drive Tools.
Approximate Weight, 53.21 lbs. (18.10 kg)

12-pt. Std. Length Sockets

Product Number	Opening, mm
39-110	10
39-111	11
39-112	12
39-113	13
39-114	14
39-115	15
39-116	16
39-117	17
39-118	18
39-119	19
39-120	20
39-121	21
39-122	22
39-123	23
39-124	24
39-125	25
39-126	26
39-127	27
39-128	28
39-129	29
39-130	30
39-132	32
39-136	36

Hex Driver Sockets

Product Number	Opening, mm
39-711	6
39-713	8
39-715	10
39-717	12
39-719	14
39-722	17

12-pt. Deep Sockets

Product Number	Opening, mm
39-310	10
39-311	11
39-312	12
39-313	13
39-314	14
39-315	15
39-316	16
39-317	17
39-318	18
39-319	19
39-320	20
39-321	21
39-322	22
39-324	24
39-325	25
39-326	26

Drive Tools:

Product Number	Description
12-918	Breaker Bar, 1/2" Dr, 17"
12-921	Extension, 1/2" Dr, 2-1/2"
12-923	Extension, 1/2" Dr, 5"
12-924	Extension, 1/2" Dr, 10"
12-935	Speeder, 1/2" Dr
12-938	T-Handle, 1/2" Dr
12-947	Universal Joint, 1/2" Dr
12-972	Ratchet, 1/2" Dr, 10-1/2"
12-973	Ratchet, 1/2" Dr, 15"



EYE-D



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Set 44-510 — METRIC
31 Pc. 12 Point 1/2" Drive Socket Set

Contents: 27 Sockets, 4 Drive Tools. In Case 16-629.
Approximate Weight, 20.46 lbs. (9.28 kg)

12-pt. Std. Length Sockets

Product Number	Opening, mm
39-110	10
39-111	11
39-112	12
39-113	13
39-114	14
39-115	15
39-116	16
39-117	17
39-118	18
39-119	19
39-120	20
39-121	21
39-122	22
39-123	23
39-124	24
39-125	25
39-126	26

12-pt. Deep Sockets

Product Number	Opening, mm
39-316	16
39-317	17
39-318	18
39-319	19
39-320	20
39-321	21
39-322	22
39-324	24
39-325	25
39-326	26

Drive Tools:

Product Number	Description
12-918	Breaker Bar, 1/2" Dr, 17"
12-923	Extension, 1/2" Dr, 5"
12-924	Extension, 1/2" Dr, 10"
12-972	Ratchet, 1/2" Dr, 10-1/2"



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Set 44-515 — METRIC
29 Pc. 12 Point 1/2" Drive Socket Set

Contents: 23 Sockets, 6 Drive Tools. In Case 16-629.
Approximate Weight, 18.79 lbs. (8.52 kg)

12-pt. Std. Length Sockets

Product Number	Opening, mm
39-110	10
39-111	11
39-112	12
39-113	13
39-114	14
39-115	15
39-116	16
39-117	17
39-118	18
39-119	19
39-120	20
39-121	21
39-122	22
39-123	23
39-124	24
39-125	25
39-126	26

Product Number	Opening, mm
39-127	27
39-128	28
39-129	29
39-130	30
39-132	32
39-136	36

Drive Tools:

Product Number	Description
12-918	Breaker Bar, 1/2" Dr, 17"
12-921	Extension, 1/2" Dr, 2-1/2"
12-923	Extension, 1/2" Dr, 5"
12-924	Extension, 1/2" Dr, 10"
12-947	Universal Joint, 1/2" Dr
12-972	Ratchet, 1/2" Dr, 10-1/2"

Always wear eye protection when near tools in use.

Set 44-516A ◯ METRIC
23 Pc. 12 Point 1/2" Drive Socket Set

Contents: 19 Sockets, 4 Drive Tools. In Case.
Approximate Weight, 13.25 lbs. (6,010 g)

12-pt. Std. Length Sockets

Product Number	Opening, mm
39-109A	9
39-110A	10
39-111A	11
39-112A	12
39-113A	13
39-114A	14
39-115A	15
39-116A	16
39-117A	17
39-118A	18
39-119A	19
39-120A	20
39-121A	21
39-122A	22
39-123A	23
39-124A	24
39-127A	27
39-130A	30
39-132A	32

Drive Tools:

Product Number	Description
12-923A	Extension, 1/2" Dr, 6"
12-924A	Extension, 1/2" Dr, 10"
12-917A	Flex Handle, 1/2" Dr, 15"
12-967A	Quick Release Ratchet, 1/2" Dr



Set 44-520 ◯ METRIC
22 Pc. 12 Point 1/2" Drive Socket Set

Contents: 17 Sockets, 5 Drive Tools. In Case 16-629.
Approximate Weight, 15.04 lbs. (6,828 g)

12-pt. Std. Length Sockets

Product Number	Opening, mm
39-110	10
39-111	11
39-112	12
39-113	13
39-114	14
39-115	15
39-116	16
39-117	17
39-118	18
39-119	19
39-120	20
39-121	21
39-122	22
39-123	23
39-124	24
39-125	25
39-126	26

Drive Tools:

Product Number	Description
12-918	Breaker Bar, 1/2" Dr, 17"
12-923	Extension, 1/2" Dr, 5"
12-924	Extension, 1/2" Dr, 10"
12-947	Universal Joint, 1/2" Dr
12-972	Ratchet, 1/2" Dr, 10-1/2"



EYE-D



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Set 44-525 — METRIC
16 Pc. 12 Point 1/2" Drive Socket Set

Contents: 14 Sockets, 2 Drive Tools. In Case 16-623.
Approximate Weight, 7.09 lbs. (3,219 g)

12-pt. Std. Length Sockets

Product Number	Opening, mm
39-110	10
39-111	11
39-112	12
39-113	13
39-114	14
39-115	15
39-116	16
39-117	17
39-118	18
39-119	19
39-120	20
39-121	21
39-122	22
39-123	23

Drive Tools:

Product Number	Description
12-923	Extension, 1/2" Dr, 5"
12-972	Ratchet, 1/2" Dr, 10-1/2"

Always wear eye protection when near tools in use.

Set 44-530 ◯ METRIC
23 Pc. 12 Point 1/2" Drive Socket Set

Contents: 23 Sockets in cardboard box. Includes Sockets Bars 16-834 and 16-835 and (30) Socket Clips 16-845. Approximate Weight, 7.69 lbs. (3,491 g)

12-pt. Std. Length Sockets

Product Number	Opening, mm	Product Number	Opening, mm	Product Number	Opening, mm
39-110	10	39-118	18	39-126	26
39-111	11	39-119	19	39-127	27
39-112	12	39-120	20	39-128	28
39-113	13	39-121	21	39-129	29
39-114	14	39-122	22	39-130	30
39-115	15	39-123	23	39-132	32
39-116	16	39-124	24	39-136	36
39-117	17	39-125	25		



EYE-D

Set 44-535 ◯ METRIC
23 Pc. 6 Point 1/2" Drive Socket Set

Contents: 23 Sockets in cardboard box. Includes Socket Bar 16-834 and 16-835 and (30) Socket Clips 16-845. Approximate Weight, 4.82 lbs. (2186 g)

6-pt. Std. Length Sockets

Product Number	Opening, mm	Product Number	Opening, mm	Product Number	Opening, mm
39-010	10	39-018	18	39-026	26
39-011	11	39-019	19	39-027	27
39-012	12	39-020	20	39-028	28
39-013	13	39-021	21	39-029	29
39-014	14	39-022	22	39-030	30
39-015	15	39-023	23	39-032	32
39-016	16	39-024	24	39-036	36
39-017	17	39-025	25		



EYE-D

Set 44-540 ◯ METRIC
15 Pc. 12 Point 1/2" Drive Socket Set

Contents: 15 Sockets in cardboard box. Includes Socket Bar 16-835 and (20) Socket Clips 16-845. Approximate Weight, 3.56 lbs. (1,616 g)

12-pt. Std. Length Sockets

Product Number	Opening, mm	Product Number	Opening, mm	Product Number	Opening, mm
39-110	10	39-115	15	39-120	20
39-111	11	39-116	16	39-121	21
39-112	12	39-117	17	39-122	22
39-113	13	39-118	18	39-123	23
39-114	14	39-119	19	39-124	24



EYE-D



EYE-D

Set 44-545 — METRIC
15 Pc. 6 Point 1/2" Drive Socket Set

Contents: 15 Sockets in cardboard box. Includes Socket Bar 16-835 and (20) Socket Clips 16-845. Approximate Weight, 3.70 lbs. (1,680 g)



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Set 44-546 — METRIC
15 Pc. 6 Point 1/2" Drive Socket Set with Plastic Socket Rail

Contents: 15 Sockets in cardboard box. Includes Plastic Socket Rail 16-837 and (15) Socket Clips 16-848. Approximate Weight, 3.70 lbs. (1,680 g)

6-pt. Std. Length Sockets

Product Number	Opening, mm	Product Number	Opening, mm	Product Number	Opening, mm
39-010	10	39-015	15	39-020	20
39-011	11	39-016	16	39-021	21
39-012	12	39-017	17	39-022	22
39-013	13	39-018	18	39-023	23
39-014	14	39-019	19	39-024	24



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Set 44-550 — METRIC
22 Pc. 12 Point Deep 1/2" Drive Socket Set

Contents: 22 Sockets in cardboard box. Includes Socket Bars 16-834 and 16-835 and (30) Socket Clips 16-845. Approximate Weight, 9.00 lbs. (4082 g)

12-pt. Deep Sockets

Product Number	Opening, mm	Product Number	Opening, mm	Product Number	Opening, mm
39-310	10	39-318	18	39-326	26
39-311	11	39-319	19	39-327	27
39-312	12	39-320	20	39-328	28
39-313	13	39-321	21	39-329	29
39-314	14	39-322	22	39-330	30
39-315	15	39-323	23	39-332	32
39-316	16	39-324	24		
39-317	17	39-325	25		

Always wear eye protection when near tools in use.

Set 44-555 — METRIC
15 Pc. 12 Point Deep 1/2" Drive Socket Set

Contents: 15 Sockets in cardboard box. Includes Socket Bar 16-835 and (20) Socket Clips 16-845. Approximate Weight, 4.49 lbs. (2037 g)

12-pt. Deep Sockets

Product Number	Opening, mm	Product Number	Opening, mm
39-310	10	39-318	18
39-311	11	39-319	19
39-312	12	39-320	20
39-313	13	39-321	21
39-314	14	39-322	22
39-315	15	39-323	23
39-316	16	39-324	24
39-317	17		



EYE-D

Set 44-560 — METRIC
6 Pc. 1/2" Drive Extra Long Hex Driver Socket Set

Contents: 6 Hexdriver Sockets in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-845. Approximate Weight, 2.67 lbs. (1,212 g)

Hex Driver Sockets with Extra Long Bits

Product Number	Opening, mm	Replacement Bit Part #	Product Number	Opening, mm	Replacement Bit Part #
39-751	6	94-351	39-757	12	94-757
39-753	8	94-353	39-759	14	94-759
39-755	10	94-355	39-762	17	94-762



EYE-D

Set 44-565 — METRIC
6 Pc. 1/2" Drive Hex Driver Socket Set

Contents: 6 Hex Drivers in cardboard box. Includes Socket Bar 16-831 and (10) Socket Clips 16-845. Approximate Weight, 2.31 lbs. (1,048 g)

Hex Driver Sockets

Product Number	Opening, mm	Replacement Bit Part #	Product Number	Opening, mm	Replacement Bit Part #
39-711	6	94-711	39-717	12	94-717
39-713	8	94-713	39-719	14	94-719
39-715	10	94-715	39-722	17	94-722



EYE-D



EYE-D

Set 15-700
42 Pc. 12 Point 3/4" Drive Socket Set

Contents: 35 Sockets, 7 Drive Tools. In Case 16-657.
Approximate Weight, 92.62 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
13-124	3/4
13-126	13/16
13-128	7/8
13-130	15/16
13-132	1
13-134	1-1/16
13-136	1-1/8
13-138	1-3/16
13-140	1-1/4
13-142	1-5/16
13-144	1-3/8
13-146	1-7/16
13-148	1-1/2
13-150	1-9/16
13-152	1-5/8
13-154	1-11/16
13-156	1-3/4
13-158	1-13/16
13-160	1-7/8
13-164	2
13-168	2-1/8
13-170	2-3/16
13-172	2-1/4
13-176	2-3/8

12-pt. Deep Sockets

Product Number	Opening, Inches
13-328	7/8
13-330	15/16
13-332	1
13-334	1-1/16
13-336	1-1/8
13-340	1-1/4
13-342	1-5/16
13-344	1-3/8
13-346	1-7/16
13-348	1-1/2
13-352	1-5/8

Drive Tools:

Product Number	Description
13-972	Ratchet, 3/4" Dr, 19"
13-918	Breaker Bar, 3/4" Dr, 22"
13-922	Extension, 3/4" Dr, 5"
13-923	Extension, 3/4" Dr, 8"
13-925	Extension, 3/4" Dr, 16"
13-938	T-Handle, 3/4" Dr
13-947	Universal Joint, 3/4" Dr

Always wear eye protection when near tools in use.

Set 15-705
29 Pc. 12 Point 3/4" Drive Socket Set

Contents: 22 Sockets, 7 Drive Tools. In Case 16-657.
Approximate Weight, 74.21 lbs.



EYE-D

12-pt. Std. Length Sockets

Product Number	Opening, Inches
13-128	7/8
13-130	15/16
13-132	1
13-134	1-1/16
13-136	1-1/8
13-138	1-3/16
13-140	1-1/4
13-142	1-5/16
13-144	1-3/8
13-146	1-7/16
13-148	1-1/2
13-150	1-9/16
13-152	1-5/8
13-154	1-11/16
13-156	1-3/4
13-158	1-13/16
13-160	1-7/8
13-164	2
13-168	2-1/8
13-170	2-3/16
13-172	2-1/4
13-176	2-3/8

Drive Tools:

Product Number	Description
13-972	Ratchet, 3/4" Dr, 19"
13-918	Breaker Bar, 3/4" Dr, 22"
13-922	Extension, 3/4" Dr, 5"
13-923	Extension, 3/4" Dr, 8"
13-925	Extension, 3/4" Dr, 16"
13-938	T-Handle, 3/4" Dr
13-947	Universal Joint, 3/4" Dr

Set 15-710
20 Pc. 12 Point 3/4" Drive Socket Set

Contents: 15 Sockets, 5 Drive Tools. In Case 16-641.
Approximate Weight, 51.98 lbs.



EYE-D

12-pt. Std. Length Sockets

Product Number	Opening, Inches
13-128	7/8
13-130	15/16
13-132	1
13-134	1-1/16
13-136	1-1/8
13-140	1-1/4
13-142	1-5/16
13-144	1-3/8
13-146	1-7/16
13-148	1-1/2
13-152	1-5/8
13-156	1-3/4
13-158	1-13/16
13-160	1-7/8
13-164	2

Drive Tools:

Product Number	Description
13-972	Ratchet, 3/4" Dr, 19
13-918	Breaker Bar, 3/4" Dr, 22"
13-923	Extension, 3/4" Dr, 8"
13-925	Extension, 3/4" Dr, 16"
13-938	T-Handle, 3/4" Dr.



EYE-D

Set 15-715
13 Pc. 12 Point 3/4" Drive Socket Set

Contents: 11 Sockets, 2 Drive Tools. In Case 16-641. Approximate Weight, 74.21 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
13-128	7/8
13-130	15/16
13-132	1
13-134	1-1/16
13-136	1-1/8
13-138	1-3/16
13-140	1-1/4
13-142	1-5/16
13-144	1-3/8
13-146	1-7/16
13-148	1-1/2

Drive Tools:

Product Number	Description
13-972	Ratchet, 3/4" Dr, 19
13-923	Extension, 3/4" Dr, 8"



EYE-D

Set 15-735
16 Pc. 12 Point 3/4" Drive Socket Set

Contents; 16 Sockets in cardboard box. Includes (2) Socket Bars 16-835 and (20) Socket Clips 16-847. Approximate Weight, 20.64 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
13-128	7/8	13-142	1-5/16	13-156	1-3/4
13-130	15/16	13-144	1-3/8	13-158	1-13/16
13-132	1	13-146	1-7/16	13-160	1-7/8
13-134	1-1/16	13-148	1-1/2	13-164	2
13-136	1-1/8	13-152	1-5/8		
13-140	1-1/4	13-154	1-11/16		



EYE-D

Set 15-740
11 Pc. 12 Point Deep 3/4" Drive Socket Set

Contents: 11 Sockets in cardboard box. Includes Socket Bars 16-831 and 16-832 and (20) Socket Clips 16-847. Approximate Weight, 14.56 lbs.

12-pt. Deep Sockets

Product Number	Opening, Inches	Product Number	Opening, Inches	Product Number	Opening, Inches
13-328	7/8	13-336	1-1/8	13-346	1-7/16
13-330	15/16	13-340	1-1/4	13-348	1-1/2
13-332	1	13-342	1-5/16	13-352	1-5/8
13-334	1-1/16	13-344	1-3/8		

Always wear eye protection when near tools in use.

Set 44-700 ◯ METRIC
43 Pc. 12 Point 3/4" Drive Socket Set

Contents: 36 Sockets, 7 Drive Tools. In Case 16-657.
Approximate Weight, 90.82 lbs. (41.19 kg)

12-pt. Std. Length Sockets

Product Number	Opening, mm
40-119	19
40-120	20
40-121	21
40-122	22
40-123	23
40-124	24
40-125	25
40-126	26
40-127	27
40-128	28
40-129	29
40-130	30
40-132	32
40-135	35
40-136	36
40-138	38
40-141	41
40-142	42
40-146	46
40-150	50
40-154	54
40-155	55
40-158	58
40-160	60

12-pt. Deep Sockets

Product Number	Opening, mm
40-322	22
40-323	23
40-324	24
40-327	27
40-330	30
40-332	32
40-335	35
40-336	36
40-338	38
40-341	41
40-346	46
40-350	50

Drive Tools:

Product Number	Description
13-972	Ratchet, 3/4" Dr, 19"
13-918	Breaker Bar, 3/4" Dr, 22"
13-922	Extension, 3/4" Dr, 5"
13-923	Extension, 3/4" Dr, 8"
13-925	Extension, 3/4" Dr, 16"
13-938	T-Handle, 3/4" Dr
13-947	Universal Joint, 3/4" Dr



EYE-D

Set 44-705 ◯ METRIC
28 Pc. 12 Point 3/4" Drive Socket Set

Contents: 22 Sockets, 6 Drive Tools. In Case 16-657.
Approximate Weight, 64.06 lbs. (29.05 kg)

12-pt. Std. Length Sockets

Product Number	Opening, mm
40-121	21
40-122	22
40-123	23
40-124	24
40-125	25
40-126	26
40-127	27
40-128	28
40-129	29
40-130	30
40-132	32
40-135	35
40-136	36
40-138	38
40-141	41
40-142	42
40-146	46
40-150	50
40-154	54
40-155	55
40-158	58
40-160	60

Drive Tools:

Product Number	Description
13-972	Ratchet, 3/4" Dr, 19"
13-918	Breaker Bar, 3/4" Dr, 22"
13-922	Extension, 3/4" Dr 5"
13-923	Extension, 3/4" Dr, 8"
13-938	T-Handle, 3/4" Dr
13-947	Universal Joint, 3/4" Dr



EYE-D



EYE-D

Set 44-710 — METRIC
19 Pc. 12 Point 3/4" Drive Socket Set

Contents: 15 Sockets, 4 Drive Tools. In Case 16-641. Approximate Weight, 47.87 lbs. (21.71 kg)

12-pt. Std. Length Sockets

Product Number	Opening, mm
40-123	23
40-124	24
40-125	25
40-126	26
40-127	27
40-128	28
40-129	29
40-130	30
40-132	32
40-135	35
40-136	36
40-138	38
40-141	41
40-142	42
40-146	46

Drive Tools:

Product Number	Description
13-972	Ratchet, 3/4" Dr, 19"
13-918	Breaker Bar, 3/4" Dr, 22"
13-923	Extension, 3/4" Dr, 8"
13-925	Extension, 3/4" Dr, 16"



EYE-D

Set 44-715 — METRIC
17 Pc. 12 Point 3/4" Drive Socket Set

Contents: 17 Sockets in cardboard box. Includes (2) Socket Bars 16-835 and (20) Socket Clips 16-847. Approximate Weight, 18.34 lbs. (8.32 kg).

12-pt. Std. Length Sockets

Product Number	Opening, mm	Product Number	Opening, mm	Product Number	Opening, mm
40-122	22	40-128	28	40-138	38
40-123	23	40-129	29	40-141	41
40-124	24	40-130	30	40-142	42
40-125	25	40-132	32	40-146	46
40-126	26	40-135	35	40-150	50
40-127	27	40-136	36		



EYE-D

Set 44-720 — METRIC
12 Pc. 12 Point Deep 3/4" Drive Socket Set

Contents: 12 Sockets in cardboard box. Includes Socket Bars 16-832 and 16-834, and (20) Socket Clips 16-847. Approximate Weight, 21.13 lbs. (9.58 kg)

12-pt. Deep Sockets

Product Number	Opening, mm	Product Number	Opening, mm	Product Number	Opening, mm
40-322	22	40-330	30	40-338	38
40-323	23	40-332	32	40-341	41
40-324	24	40-335	35	40-346	46
40-327	27	40-336	36	40-350	50

Always wear eye protection when near tools in use.

Set 15-800
29 Pc. 12 Point 1" Drive Socket Set

Contents: 23 Sockets, 6 Drive Tools. In Case 16-659.
Approximate Weight, 148.11 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
14-134	1-1/16
14-136	1-1/8
14-140	1-1/4
14-142	1-5/16
14-144	1-3/8
14-146	1-7/16
14-148	1-1/2
14-152	1-5/8
14-158	1-13/16
14-160	1-7/8
14-164	2
14-168	2-1/8
14-170	2-3/16
14-172	2-1/4
14-176	2-3/8
14-180	2-1/2
14-182	2-9/16
14-184	2-5/8
14-188	2-3/4
14-194	2-15/16
14-196	3
14-200	3-1/8
14-212	3-1/2

Drive Tools

Product Number	Description
14-906	Ratchet, 1" Dr, 30"
14-918	Breaker Bar, 1" Dr, 27"
14-924	Extension, 1" Dr, 9"
14-926	Extension, 1" Dr, 18"
14-939	Sliding Handle, 1" Dr
14-940	Adapter for 14-939



Set 15-805
22 Pc. 12 Point 1" Drive Socket Set

Contents: 16 Sockets, 6 Drive Tools. In Case 16-659.
Approximate Weight, 108.49 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
14-148	1-1/2
14-152	1-5/8
14-158	1-13/16
14-160	1-7/8
14-164	2
14-170	2-3/16
14-172	2-1/4
14-176	2-3/8
14-180	2-1/2
14-182	2-9/16
14-184	2-5/8
14-188	2-3/4
14-194	2-15/16
14-196	3
14-200	3-1/8
14-212	3-1/2

Drive Tools:

Product Number	Description
14-906	Ratchet, 1" Dr, 30"
14-918	Breaker Bar, 1" Dr, 27"
14-924	Extension, 1" Dr, 9"
14-926	Extension, 1" Dr, 18"
14-939	Sliding Handle, 1" Dr
14-940	Adapter for 14-939





Set 15-810
17 Pc. 12 Point 1" Drive Socket Set

Contents: 13 Sockets, 4 Drive Tools. In Case 16-641. Approximate Weight, 64.00 lbs.

12-pt. Std. Length Sockets

Product Number	Opening, Inches
14-134	1-1/16
14-136	1-1/8
14-140	1-1/4
14-142	1-5/16
14-144	1-3/8
14-146	1-7/16
14-148	1-1/2
14-152	1-5/8
14-154	1-11/16
14-156	1-3/4
14-158	1-13/16
14-160	1-7/8
14-164	2

Drive Tools:

Product Number	Description
14-906	Ratchet, 1" Dr, 30"
14-918	Breaker Bar, 1" Dr, 27"
14-924	Extension, 1" Dr, 9"
14-926	Extension, 1" Dr, 18"

Always wear eye protection when near tools in use.

- Chrome Sockets 1/4" to 1" Drive
- Black Oxide Sockets 3/8" to 1/2" Drive
- Ratchets 1/4" to 1-1/2" Drive
- Drive Tools 1/4" to 1-1/2" Drive
- Hex Driver Sockets 1/4" to 1/2" Drive
- Screwdriver Sockets 1/4" to 1/2" Drive
- Crowfoot Wrenches 3/8" to 1/2" Drive

ACCESS
Thin wall design with precise nut end dimensions meet industrial specifications

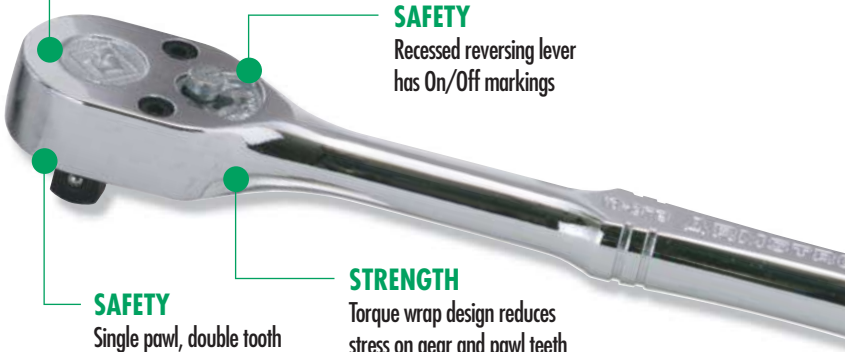


STRENGTH
Radius corner design provides 15-20% more torque, extends fastener life and reduces slippage

SPEED
EYE-D markings optimize size identification, and provide SAE / Metric differentiation

ACCESS
Compact head design for use in confined areas

SAFETY
Recessed reversing lever has On/Off markings





SAFETY
Unique concave handle shape reduces fatigue and improves comfort

SAFETY
Single pawl, double tooth design will not operate in the neutral position

STRENGTH
Torque wrap design reduces stress on gear and pawl teeth

ACCESS
Low profile head design for use in confined areas

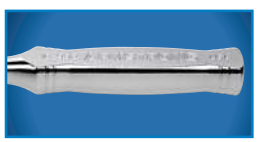
SAFETY
Recessed reversing lever has On/Off markings



STRENGTH & ACCESS
New design combines the strength of a teardrop head with the 6° ratcheting arc of a round head



STRENGTH
Unique enclosed head (no screws) with two O-rings resists contaminants for extreme stength and long life



SAFETY
Improved modified hour-glass handle for maximum comfort, minimal fatigue

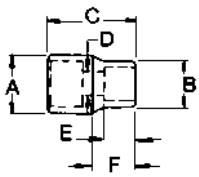


EYE-D

1/4" Drive 12 Point Standard Length Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
10-106	3/16	0.02	0.442	0.309	0.876	0.193	0.200	0.436
10-107	7/32	0.02	0.442	0.344	0.876	0.224	0.200	0.436
10-108	1/4	0.02	0.442	0.382	0.876	0.225	0.210	0.436
10-109	9/32	0.02	0.442	0.423	0.876	0.225	0.220	0.436
10-110	5/16	0.02	0.463	0.463	0.876	0.208	0.290	-
10-111	11/32	0.03	0.501	0.501	0.876	0.208	0.310	-
10-112	3/8	0.03	0.546	0.546	0.876	0.381	0.500	-
10-114	7/16	0.03	0.613	0.613	0.876	0.443	0.500	-
10-116	1/2	0.04	0.678	0.678	0.876	0.507	0.500	-
10-118	9/16	0.07	0.777	0.777	0.876	0.570	0.500	-

ASME B107.1 Fed'l Spec. GGG-W-641e



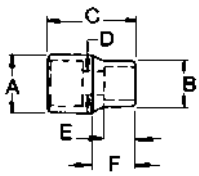


EYE-D

1/4" Drive 6 Point Standard Length Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
10-004	1/8	0.09	0.446	0.234	0.876	0.094	0.094	0.436
10-005	5/32	0.09	0.446	0.274	0.876	0.120	0.160	0.436
10-006	3/16	0.02	0.446	0.309	0.876	0.150	0.200	0.436
10-007	7/32	0.02	0.446	0.344	0.876	0.150	0.200	0.436
10-008	1/4	0.02	0.446	0.383	0.876	0.200	0.210	0.436
10-009	9/32	0.02	0.446	0.423	0.876	0.180	0.220	0.436
10-010	5/16	0.02	0.463	0.463	0.876	0.208	0.290	-
10-011	11/32	0.03	0.502	0.502	0.876	0.208	0.310	-
10-012	3/8	0.03	0.546	0.546	0.876	0.434	0.500	-
10-014	7/16	0.04	0.613	0.613	0.876	0.443	0.500	-
10-016	1/2	0.05	0.678	0.678	0.876	0.507	0.500	-
10-018	9/16	0.07	0.697	0.697	0.876	0.570	0.463	-

ASME B107.1 Fed'l Spec. GGG-W-641e

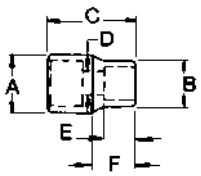


Always wear eye protection when near tools in use.

1/4" Drive 12 Point Deep Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
10-306	3/16	0.04	0.446	0.309	2.000	0.300	0.190	0.880
10-307	7/32	0.05	0.446	0.350	2.000	0.300	0.190	0.880
10-308	1/4	0.05	0.446	0.391	2.000	0.257	0.190	0.880
10-309	9/32	0.05	0.446	0.432	2.000	0.200	0.190	0.880
10-310	5/16	0.04	0.459	0.459	2.000	0.245	0.650	-
10-311	11/32	0.06	0.495	0.495	2.000	0.245	0.650	-
10-312	3/8	0.07	0.544	0.544	2.000	0.325	0.900	-
10-314	7/16	0.08	0.614	0.614	2.000	0.385	0.900	-
10-316	1/2	0.10	0.678	0.678	2.000	0.420	0.900	-
10-318	9/16	0.13	0.770	0.770	2.000	0.570	1.430	-

ASME B107.1 Fed'l Spec. GGG-W-641e



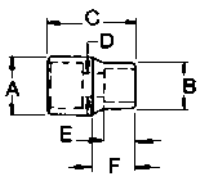


EYE-D

1/4" Drive 6 Point Deep Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
10-204	1/8	0.04	0.446	0.234	2.000	0.094	0.200	0.980
10-205	5/32	0.04	0.446	0.274	2.000	0.210	0.190	0.980
10-206	3/16	0.04	0.446	0.309	2.000	0.210	0.190	0.980
10-207	7/32	0.05	0.446	0.350	2.000	0.210	0.190	0.980
10-208	1/4	0.05	0.446	0.391	2.000	0.210	0.190	0.980
10-209	9/32	0.05	0.446	0.432	2.000	0.210	0.190	0.980
10-210	5/16	0.05	0.446	0.446	2.000	0.255	0.650	-
10-211	11/32	0.06	0.495	0.495	2.000	0.255	0.650	-
10-212	3/8	0.07	0.549	0.549	2.000	0.325	0.900	-
10-214	7/16	0.09	0.613	0.613	2.000	0.405	0.900	-
10-216	1/2	0.11	0.678	0.678	2.000	0.420	0.900	-
10-218	9/16	0.14	0.771	0.771	2.000	0.570	1.430	-

ASME B107.1 Fed'l Spec. GGG-W-641e





EYE-D

SAFETY NOTICE

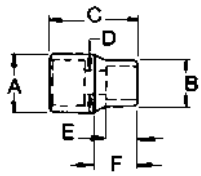
NEVER USE HAND SOCKETS ON POWER OR IMPACT APPLICATIONS.



1/4" Drive 4 or 8 Point Standard Length Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (In)	B Wrench End (In)	C Overall Length (In)	D Bolt Clearance (In)	E Wrench Depth (In)	F Length to Shoulder (In)
10-406*	3/16	0.02	0.446	0.382	0.876	0.200	0.200	0.436
10-408*	1/4	0.02	0.463	0.463	0.876	0.240	0.280	-
10-410	5/16	0.03	0.546	0.546	0.876	0.320	0.480	-
10-412	3/8	0.05	0.678	0.678	0.876	0.381	0.500	-

ASME B107.1 Fed'l Spec. GGG-W-641e
*4 Point Sockets

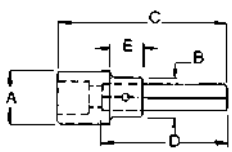


EYE-D



1/4" Drive Extra Long Hex Driver Sockets

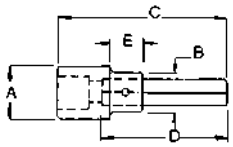
Product Number	Bit Size Inches	Weight Lbs.	A Drive End (In)	B Nose Diameter (In)	C Overall Length (In)	D Bit Length (In)	Replacement Bit	Exposed Bit Length (In)
10-743	0.050	0.05	0.500	0.500	3.312	2.750	94-543	2.438
10-744	1/16	0.06	0.500	0.500	3.312	2.750	94-544	2.438
10-745	5/64	0.06	0.500	0.500	3.312	2.750	94-545	2.438
10-746	3/32	0.07	0.500	0.500	3.312	2.750	94-546	2.438
10-747	7/64	0.07	0.500	0.500	3.312	2.750	94-547	2.438
10-748	1/8	0.08	0.500	0.500	4.437	3.875	94-548	3.563
10-749	9/64	0.08	0.500	0.500	4.437	3.875	94-549	3.563
10-750	5/32	0.09	0.500	0.500	4.437	3.875	94-370	3.563
10-751	3/16	0.09	0.500	0.500	4.437	3.875	94-371	3.563
10-752	7/32	0.09	0.500	0.500	4.437	3.875	94-372	3.563
10-753	1/4	0.10	0.500	0.500	4.437	3.937	94-373	3.563
10-754	5/16	0.10	0.500	0.500	4.437	3.937	94-374	3.563



Always wear eye protection when near tools in use.

1/4" Drive Standard Length Hex Driver Sockets

Product Number	Bit Size Inches	Weight Lbs.	A Drive End (in)	B Nose Diameter (in)	C Overall Length (in)	D Bit Length (in)	Replacement Bit	Exposed Bit Length (in)
10-703	0.050	0.03	0.500	0.500	1.875	1.312	94-503	1.000
10-704	1/16	0.04	0.500	0.500	1.875	1.312	94-504	1.000
10-705	5/64	0.04	0.500	0.500	1.875	1.312	94-505	1.000
10-706	3/32	0.04	0.500	0.500	1.875	1.312	94-506	1.000
10-707	7/64	0.04	0.500	0.500	1.875	1.312	94-507	1.000
10-708	1/8	0.04	0.500	0.500	1.875	1.312	94-508	1.000
10-709	9/64	0.05	0.500	0.500	1.875	1.312	94-509	1.000
10-710	5/32	0.05	0.500	0.500	1.875	1.312	94-510	1.000
10-711	3/16	0.06	0.500	0.500	1.875	1.312	94-361	1.000
10-712	7/32	0.06	0.500	0.500	1.875	1.312	94-362	1.000
10-713	1/4	0.07	0.500	0.500	1.875	1.360	94-363	1.000
10-714	5/16	0.07	0.500	0.500	1.875	1.360	94-364	1.000

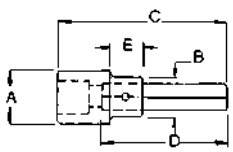




1/4" Drive Standard Length Torx® Driver Sockets

Product Number	Bit Size Inches	Weight Lbs.	A Drive End (in)	B Nose Diameter (in)	C Overall Length (in)	D Bit Length (in)	Replacement Bit	Exposed Bit Length (in)
10-868	T8	0.03	0.500	0.500	1.500	1.000	94-168	0.641
10-870	T10	0.03	0.500	0.500	1.500	1.000	94-170	0.641
10-872	T15	0.04	0.500	0.500	1.500	1.000	94-172	0.641
10-874	T20	0.04	0.500	0.500	1.500	1.000	94-174	0.641
10-876	T25	0.04	0.500	0.500	1.500	1.000	94-176	0.641
10-878	T27	0.04	0.500	0.500	1.500	1.000	94-178	0.641
10-880	T30	0.05	0.500	0.500	1.500	1.000	94-180	0.641

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

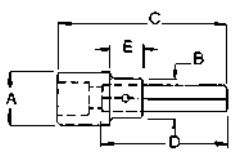




1/4" Drive Screwdriver Sockets

Product Number	Weight Lbs.	Tip Size Inches	A Drive End (in)	B Nose Dia. (in)	C Overall Length (in)	D Bit Length (in)	Replacement Bit	Exposed Bit Length (in)
10-801	.05	3/16 x 1/32	0.500	0.500	2.440	1.940	94-101	1.578
10-802	.06	1/4 x 1/32	0.500	0.500	2.440	1.940	94-102	1.578

Fed'l Spec. GGG-W-001222



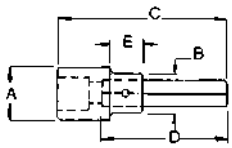




1/4" Drive Phillips Screwdriver Sockets

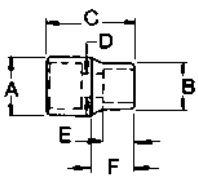
Product Number	A Weight Lbs.	B Tip Size Inches	C Drive End (In)	D Nose Dia. (In)	Overall Length (In)	Bit Length (In)	Replacement Bit	Exposed Bit Length (In)
10-821	.05	Phil. #1	0.500	0.500	1.900	1.400	94-121	1.0469
10-822	.05	Phil. #2	0.500	0.500	1.900	1.400	94-122	1.0469
10-823	.06	Phil. #3	0.500	0.500	1.900	1.400	94-125	1.0469

Fed'l Spec. GGG-W-001222





EYE-D



1/4" Drive 6 Point Standard Length Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
37-004	4	9	11.3	7.0	22.3	3.7	4.1	11.1
37-081	4.5	9	11.5	7.9	22.2	4.7	4.6	11.1
37-005	5	8	11.3	7.8	22.3	4.1	4.6	11.1
37-083	5.5	9	11.3	8.7	22.3	4.1	5.0	11.1
37-006	6	9	11.3	9.2	22.3	4.9	5.1	11.1
37-007	7	10	11.3	10.7	22.3	5.5	5.6	11.1
37-008	8	11	11.8	11.8	22.3	5.3	7.4	-
37-009	9	12	12.8	12.8	22.3	5.3	7.9	-
37-010	10	13	13.9	13.9	22.3	10.2	12.7	-
37-011	11	17	15.6	15.6	22.3	11.2	12.7	-
37-012	12	22	17.1	17.1	22.3	12.2	12.7	-
37-013	13	26	18.4	18.4	22.3	13.2	12.7	-
37-014	14	33	19.6	19.6	22.3	14.2	12.7	-
37-015	15	36	20.6	20.6	22.3	15.2	12.7	-

ASME B107.5m

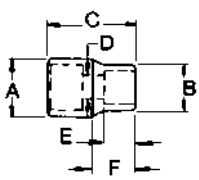


EYE-D

1/4" Drive 6 Point Deep Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
37-204	4	19	11.4	7.0	50.8	5.3	4.8	22.4
37-281	4.5	22	11.4	8.0	50.8	5.3	7.5	22.6
37-205	5	20	11.4	8.0	50.8	5.3	7.2	22.6
37-283	5.5	65	11.4	8.9	50.8	5.3	7.5	22.6
37-206	6	22	11.3	9.4	50.8	5.3	4.8	22.6
37-207	7	23	11.3	10.7	50.8	5.3	5.1	22.6
37-208	8	22	11.3	11.3	50.8	5.0	16.5	-
37-209	9	26	12.6	12.6	50.8	6.1	16.5	-
37-210	10	31	13.8	13.8	50.8	6.1	22.9	-
37-211	11	40	15.6	15.6	50.8	6.1	22.9	-

ASME B107.5m

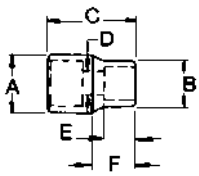


Always wear eye protection when near tools in use.

1/4" Drive 12 Point Sockets — METRIC

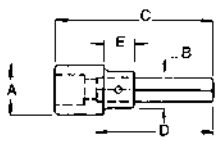
Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
37-105	5	8	11.3	7.8	22.3	4.1	4.6	11.1
37-106	6	9	11.3	9.2	22.3	4.9	5.1	11.1
37-107	7	10	11.3	10.7	22.3	5.5	5.6	11.1
37-108	8	11	11.8	11.8	22.3	5.3	7.4	-
37-109	9	12	12.8	12.8	22.3	5.3	7.9	-
37-110	10	13	13.9	13.9	22.3	10.2	12.7	-
37-111	11	17	15.6	15.6	22.3	11.2	12.7	-
37-112	12	22	17.1	17.1	22.3	12.2	12.7	-
37-113	13	26	18.4	18.4	22.3	13.2	12.7	-
37-114	14	31	19.6	19.6	22.3	14.2	12.7	-





1/4" Drive Standard Length Hex Driver Sockets — METRIC

Product Number	Bit Size mm	Wt. g	A Drive End (mm)	B Nose Dia. (mm)	C Overall Length (mm)	D Bit Length (mm)	Replacement Bit (mm)	Exposed Bit Length (mm)
37-703	2	18	12.7	12.7	47.6	33.3	94-603	25.4
37-704	2.5	18	12.7	12.7	47.6	33.3	94-604	25.4
37-705	3	19	12.7	12.7	47.6	33.3	94-605	25.4
37-707	4	21	12.7	12.7	47.6	33.3	94-607	25.4
37-709	5	23	12.7	12.7	47.6	33.3	94-389	25.4
37-711	6	25	12.7	12.7	47.6	34.5	94-391	25.4
37-713	8	28	12.7	12.7	47.6	34.5	94-393	25.4







1/4" Drive Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
10-972	0.27	5.281	0.875	0.969	36

ASME B107.10m Fed'l Spec. GGG-W-641e



1/4" Drive Black Oxide Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
18-972	0.27	5.281	0.875	0.969	36

ASME B107.10m Fed'l Spec. GGG-W-641e



1/4" Drive Armstrong Maxx Standard Handle Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
10-992	0.21	5.440	0.875	0.750	60

- Machined Gear Teeth and high strength steel pawl for superior strength and consistent performance
- Enclosed head for extreme resistance to dirt
- Sleek tapered head design with 6-degree ratcheting arc for increased accessibility



1/4" Drive Armstrong Maxx Locking Flex Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
10-994	0.30	6.250	0.875	0.750	60

- Machined Gear Teeth and high strength steel pawl for superior strength and consistent performance
- Enclosed head for extreme resistance to dirt
- 9-Position Locking Flex Head maximizes safety and maintains position regardless of load



1/4" Drive Quick Release Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
10-967A	0.25	5.500	1.000	0.460	36



1/4" Drive Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
10-968A	0.25	5.500	1.000	0.460	36



1/4" Drive Round Head Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
10-915	0.21	5.100	1.000	0.720	35

Always wear eye protection when near tools in use.

1/4" Drive Round Head Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
10-915A	0.28	5.000	1.100	0.700	45



1/4" Drive Indexible Head Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
10-996	0.25	6.000	0.750	0.688	72



1/4" Drive Breaker Bar

Product Number	Length Inches	Weight Lbs.
10-918	5.750	0.16

ASME B107.10m Fed'l Spec. GGG-W-641e



1/4" Drive Extensions

Product Number	Length Inches	Weight Lbs.	Part #	Length Inches	Weight Lbs.
10-921	2.000	0.06	**10-919A***	1.500	0.03
10-922	4.000	0.11	**10-922A***	3.500	0.06
10-923	6.000	0.14	**10-923A***	6.000	0.12
10-924	10.000	0.23			
10-925	14.000	0.32			

ASME B107.10m Fed'l Spec. GGG-W-641e *No Knurling



1/4" Drive Flex Extension

Product Number	Length Inches	Weight Lbs.
10-929	6.000	0.09

ASME B107.10m Fed'l Spec. GGG-W-641e



10-920
3 Pc. 1/4" Drive Locking Extension Set

Contents: 3 Locking Extensions. Approximate Weight, 0.75 lbs.

Product Number	Length Inches
10-926	3.000
10-927	6.000
10-928	15.000



1/4" Drive Locking Extensions

Product Number	Length Inches	Weight Lbs.
10-926	3.000	0.10
10-927	6.000	0.20
10-928	15.000	0.45





10-979
3 Pc. 1/4" Drive Wobble Extension Set

Contents: 3 Wobble Extensions. Approximate Weight, 0.28 lbs.

Product Number	Length Inches
10-973	2.000
10-974	3.000
10-975	6.000



1/4" Drive Wobble Extensions

Product Number	Length Inches	Weight Lbs.
10-973	2.000	0.06
10-974	3.000	0.08
10-975	6.000	0.14



1/4" Drive Locking Adapter*

Product Number	Length Inches	Weight Lbs.
10-931	1.625	0.05

*Permits socket to be securely locked to drive tool square.

ASME B107.10m Fed'l Spec. GGG-W-641e



1/4" Drive Speeder

Product Number	Length Inches	Weight Lbs.
10-935	15.750	0.55

ASME B107.10m Fed'l Spec. GGG-W-641e



1/4" Drive T-Handle

Product Number	Length Inches	Weight Lbs.
10-938	5.000	0.14



1/4" Drive Plastic Handle Driver

Product Number	Length Inches	Weight Lbs.
10-943	6.000	0.13

ASME B107.10m Fed'l Spec. GGG-W-641e



1/4" Drive Socket Spinner

Product Number	Weight Lbs.
10-945	0.18

Always wear eye protection when near tools in use.

1/4" Drive Universal Joint

Product Number	Weight Lbs.
10-947	0.04

ASME B107.10m Fed'l Spec. GGG-W-641e



1/4" Drive Adapter

Product Number	Description	Weight Lbs.	Overall Length
10-952	1/4"F, 3/8"M	0.03	1.138

ASME B107.10m Fed'l Spec. GGG-W-641e



1/4" Drive Ratchet Repair Kit

Product Number 10-990

Contains the following parts, with illustrated instruction sheet, for repairing the 10-972 and 18-972 Ratchets: Gear, Pawl, Shifting Lever, Spring, Ball, Cover Plate, 2 Cover Plate Screws. In cardboard box. Approximate weight, 0.07 pounds.

1/4" Drive Ratchet Repair Kit

Product Number 10-963

Contains the following parts, with illustrated instruction sheet, for repairing the 10-915 Ratchet: Reversing Lever Plate, Retaining Spring, Gear Unit.

1/4" Drive Armstrong Maxx Ratchet Repair Kit

Product Number 10-982

Contains the following parts, with illustrated instruction sheet, for repairing the 10-992 and 10-994 Ratchets: Gear, Pawl, Shifting Lever, Spring, Retaining Plate and Rings, Pusher, and 2 O-Rings. Approximate weight, 0.07 pounds.

1/4" Drive Indexible Ratchet Repair Kit

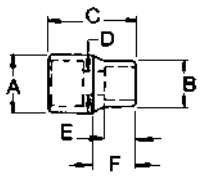
Product Number 10-983

Contains the following parts, with illustrated instruction sheet, for repairing the 10-996 Ratchet: Square Drive, Heart-shaped Spring, Reversing Cap, Central Screw, and Ratchet Lube.

SAFETY NOTICE

Since ratchets include moving parts, periodic inspection and, if necessary, cleaning, lubrication with a light grade oil, and replacement of worn parts will become necessary. Parts should not be replaced individually, but rather in total, and complete Ratchet Repair Kits are available.





EYE-D

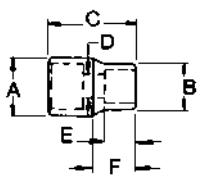
3/8" Drive 12 Point Standard Length Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
11-108	1/4	0.04	0.66	0.417	0.938	0.170	0.165	0.438
11-110	5/16	0.04	0.66	0.458	0.938	0.319	0.166	0.438
11-111	11/32	0.05	0.66	0.586	0.960	0.351	0.275	0.438
11-112	3/8	0.04	0.66	0.560	0.938	0.381	0.224	-
11-114	7/16	0.05	0.66	0.655	0.938	0.443	0.250	-
11-116	1/2	0.06	0.72	0.724	0.968	0.507	0.275	-
11-118	9/16	0.06	0.78	0.777	0.968	0.570	0.460	-
11-119	19/32	0.09	0.86	0.863	1.013	0.602	0.500	-
11-120	5/8	0.08	0.86	0.862	1.013	0.633	0.500	-
11-122	11/16	0.11	0.95	0.952	1.013	0.696	5.000	-
11-124	3/4	0.13	1.00	1.003	1.128	0.759	0.660	-
11-126	13/16	0.14	1.08	1.076	1.128	0.821	0.680	-
11-128	7/8	0.21	1.17	1.167	1.250	0.884	0.750	-
11-130	15/16	0.24	1.25	1.250	1.240	0.906	0.760	-
11-132	1	0.28	1.31	1.310	1.378	0.980	0.800	-

ASME B107.1 Fed'l Spec. GGG-W-641e



EYE-D



3/8" Drive 6 Point Standard Length Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
11-008	1/4	0.04	0.658	0.414	0.938	0.170	0.166	0.438
11-010	5/16	0.04	0.658	0.458	0.938	0.319	0.166	0.438
11-011	11/32	0.05	0.658	0.518	0.938	0.300	0.235	0.438
11-012	3/8	0.04	0.658	0.560	0.938	0.381	0.224	0.438
11-014	7/16	0.05	0.655	0.655	0.938	0.443	0.250	-
11-016	1/2	0.07	0.724	0.724	0.968	0.507	0.275	-
11-018	9/16	0.07	0.777	0.777	0.968	0.570	0.460	-
11-020	5/8	0.09	0.862	0.862	1.013	0.638	0.500	-
11-022	11/16	0.11	0.952	0.952	1.013	0.696	0.500	-
11-024	3/4	0.13	1.001	1.001	1.128	0.759	0.660	-
11-026	13/16	0.15	1.076	1.076	1.128	0.828	0.680	-
11-028	7/8	0.22	1.167	1.167	1.250	0.884	0.750	-
11-030	15/16	0.25	1.250	1.250	1.240	0.906	0.760	-
11-032	1	0.29	1.310	1.310	1.378	0.980	0.800	-

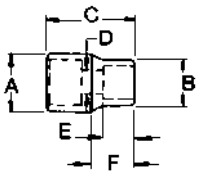
ASME B107.1 Fed'l Spec. GGG-W-641e

Always wear eye protection when near tools in use.

3/8" Drive 12 Point Deep Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
11-308	1/4	0.10	0.648	0.410	2.500	0.310	0.440	0.865
11-310	5/16	0.10	0.648	0.490	2.500	0.310	0.440	0.865
11-311	11/32	0.11	0.648	0.500	2.500	0.310	0.440	0.865
11-312	3/8	0.12	0.649	0.561	2.500	0.380	0.375	0.865
11-314	7/16	0.12	0.653	0.653	2.500	0.344	0.870	-
11-316	1/2	0.15	0.724	0.724	2.500	0.460	1.188	-
11-318	9/16	0.14	0.773	0.773	2.500	0.570	1.377	-
11-320	5/8	0.18	0.860	0.860	2.500	0.615	1.377	-
11-322	11/16	0.23	0.950	0.950	2.500	0.660	1.377	-
11-324	3/4	0.24	1.000	1.000	2.500	0.740	1.377	-
11-326	13/16	0.34	1.108	1.108	2.500	0.765	1.500	-
11-328	7/8	0.34	1.170	1.170	2.513	0.815	1.500	-
11-330	15/16	0.46	1.250	1.250	2.520	0.870	1.300	-
11-332	1	0.53	1.310	1.310	2.520	0.870	1.300	-

ASME B107.1 Fed'l Spec. GGG-W-641e



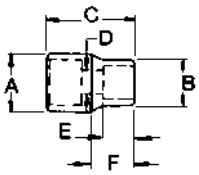


EYE-D

3/8" Drive 6 Point Deep Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
11-208	1/4	0.10	0.648	0.410	2.500	0.310	0.440	0.865
11-210	5/16	0.10	0.648	0.490	2.500	0.310	0.440	0.865
11-211	11/32	0.11	0.648	0.500	2.500	0.310	0.440	0.865
11-212	3/8	0.19	0.648	0.561	2.500	0.310	0.375	0.865
11-214	7/16	0.12	0.651	0.651	2.500	0.370	0.680	-
11-216	1/2	0.15	0.724	0.724	2.500	0.470	1.188	-
11-218	9/16	0.15	0.774	0.774	2.500	0.505	1.378	-
11-220	5/8	0.19	0.860	0.860	2.500	0.615	1.377	-
11-222	11/16	0.24	0.950	0.950	2.500	0.660	1.377	-
11-224	3/4	0.25	1.001	1.001	2.500	0.740	1.377	-
11-226	13/16	0.36	1.107	1.107	2.500	0.770	1.500	-
11-228	7/8	0.37	1.169	1.169	2.513	0.884	1.500	-
11-230	15/16	0.46	1.250	1.250	2.520	0.870	1.300	-
11-232	1	0.53	1.310	1.310	2.520	0.870	1.300	-

ASME B107.10m Fed'l Spec. GGG-W-641e



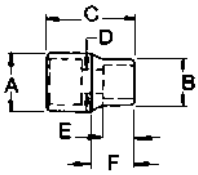


EYE-D

3/8" Drive 8 Point Standard Length Sockets



EYE-D

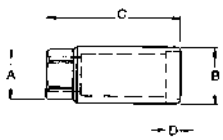


Product Number	Opening Inches	Weight Lbs.	A Drive End (In)	B Wrench End (In)	C Overall Length (In)	D Bolt Clearance (In)	E Wrench Depth (In)	F Length to Shoulder (In)
11-408	1/4	0.04	0.658	0.458	0.938	0.255	0.179	0.438
11-409	9/32	0.05	0.658	0.572	0.938	0.270	0.240	0.423
11-410	5/16	0.05	0.658	0.582	0.938	0.300	0.220	0.423
11-412	3/8	0.05	0.676	0.676	0.938	0.381	0.228	-
11-414	7/16	0.08	0.776	0.776	0.968	0.443	0.310	-
11-416	1/2	0.10	0.862	0.862	0.968	0.507	0.275	-
11-418	9/16	0.13	0.931	0.931	1.375	0.570	0.800	-
11-420	5/8	0.21	1.037	1.037	1.375	0.633	0.600	-

ASME B107.1 Fed'l Spec. GGG-W-641e

3/8" Drive Spark Plug Sockets with Rubber Insert





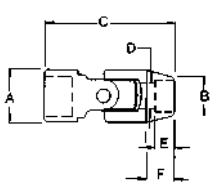
EYE-D

Product Number	Square Drive	Opening Inches	Weight Lbs.	A Hex Across Flats, Drive End (In)	B Wrench End (In)	C Overall Length (In)	D Wrench Depth (In)
11-501	3/8	5/8	0.19	0.742	0.873	2.345	0.605
11-504	3/8	13/16	0.27	1.056	1.056	2.500	0.525

Fed'l Spec. GGG-W-641e

3/8" Drive 12-Point Universal Sockets





Product Number	Opening Inches	Weight Lbs.	A Drive End (In)	B Wrench End (In)	C Overall Length (In)	D Bolt Clearance (In)	E Wrench Depth (In)	F Length to Shoulder (In)
11-512	3/8	0.09	0.750	0.597	1.680	0.334	0.330	0.220
11-514	7/16	0.11	0.750	0.640	1.680	0.334	0.330	0.220
11-516	1/2	0.12	0.750	0.714	1.680	0.345	0.330	0.265
11-518	9/16	0.13	0.750	0.785	1.687	0.410	0.400	0.465
11-520	5/8	1.40	0.750	0.865	1.687	0.470	0.400	0.465
11-522	11/16	0.15	0.750	0.932	1.693	0.470	0.440	0.520
11-524	3/4	0.16	0.750	1.023	1.693	0.500	0.440	0.520

ASME B107.1 Fed'l Spec. GGG-W-641e

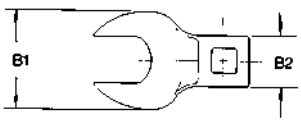
Always wear eye protection when near tools in use.

3/8" Drive Crowfoot Wrenches

Product Number	Opening Inches	Weight Lbs.	A Overall Length (In)	B1 Head Width (In)	B2 Handle Width (In)	C1 Head Thickness (In)	C2 Handle Thickness (In)
11-850	3/8	0.12	1.270	0.750	0.630	0.220	0.440
11-851	7/16	0.14	1.280	0.880	0.630	0.220	0.440
11-852	1/2	0.14	1.380	0.930	0.630	0.270	0.440
11-853	9/16	0.12	1.490	1.130	0.630	0.270	0.440
11-854	5/8	0.13	1.600	1.200	0.630	0.350	0.440
11-855	11/16	0.18	1.710	1.330	0.630	0.350	0.440
11-856	3/4	0.18	1.820	1.500	0.630	0.350	0.440
11-857	13/16	0.21	1.930	1.560	0.630	0.350	0.440
11-858	7/8	0.22	2.040	1.690	0.630	0.370	0.440
11-859	15/16	0.22	1.985	1.860	0.630	0.360	0.440
11-860	1	0.22	2.260	2.030	0.630	0.370	0.440

ASME B107.21 Fed'l Spec. GGG-W-1507b





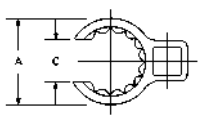


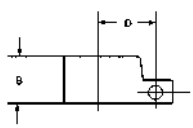
3/8" Drive Flare Nut Crowfoot Wrenches

Product Number	Opening Inches	Weight Lbs.	A Head Diameter (In)	B Head Thickness (In)	C Slot Width (In)	D Length of Centers (In)
11-842	5/8	0.06	0.938	0.688	0.469	0.734
11-843	11/16	0.06	1.031	0.688	0.531	0.781
11-844	3/4	0.06	1.125	0.719	0.563	0.828
11-845	13/16	0.06	1.203	0.719	0.625	0.875
11-846	7/8	0.06	1.297	0.750	0.688	0.938
11-847	15/16	0.06	1.375	0.750	0.719	0.938
11-848	1	0.13	1.453	0.781	0.750	1.016
11-849	1-1/16	0.13	1.531	0.781	0.781	1.047

ASME B107.21 Fed'l Spec. GGG-e-1507b





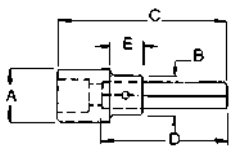




EYE-D

3/8" Drive Extra Long Hex Driver Sockets

Product Number	Bit Size Inches	Weight Lbs.	A Drive End (in)	B Nose Dia. (in)	C Overall Length (in)	D Bit Length (in)	E Length to Shoulder (in)	Replacement Bit
11-748	1/8	0.09	0.675	0.531	6.150	5.375	0.475	94-148
11-750	5/32	0.10	0.675	0.531	6.150	5.375	0.475	94-150
11-751	3/16	0.12	0.675	0.531	6.150	5.375	0.475	94-151
11-752	7/32	0.14	0.675	0.531	6.150	5.375	0.475	94-152
11-753	1/4	0.17	0.675	0.600	6.150	5.500	0.475	94-153
11-754	5/16	0.22	0.700	-	6.150	5.500	-	94-154
11-755	3/8	0.26	0.700	-	6.150	5.500	-	94-155

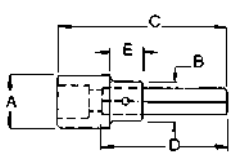




EYE-D

3/8" Drive Standard Length Hex Driver Sockets

Product Number	Bit Size Inches	Weight Lbs.	A Drive End (in)	B Nose Dia. (in)	C Overall Length (in)	D Bit Length (in)	E Length to Shoulder (in)	Replacement Bit
11-708	1/8	0.08	0.675	0.531	2.780	2.000	0.475	94-108
11-709	9/64	0.08	0.675	0.531	2.780	2.000	0.475	94-109
11-710	5/32	0.08	0.675	0.531	2.780	2.000	0.475	94-110
11-711	3/16	0.09	0.675	0.531	2.780	2.000	0.475	94-111
11-712	7/32	0.09	0.675	0.531	2.780	2.000	0.475	94-112
11-713	1/4	0.12	0.675	0.600	2.780	2.125	0.475	94-113
11-714	5/16	0.14	0.700	-	2.780	2.125	-	94-114
11-715	3/8	0.16	0.700	-	2.780	2.125	-	94-115

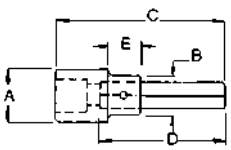


Always wear eye protection when near tools in use.

3/8" Drive Standard Length Torx® Driver Sockets

Product Number	Bit Size	Weight Lbs.	A Drive End (In)	B Nose Dia. (In)	C Overall Length (In)	D Bit Length (In)	E Length to Shoulder (In)	Replacement Bit
11-870	T10	0.08	0.675	0.600	1.650	1.000	0.475	94-170
11-872	T15	0.09	0.675	0.600	1.650	1.000	0.475	94-172
11-874	T20	0.09	0.675	0.600	1.650	1.000	0.475	94-174
11-876	T25	0.09	0.675	0.600	1.650	1.000	0.475	94-176
11-878	T27	0.09	0.675	0.600	1.650	1.000	0.475	94-178
11-880	T30	0.09	0.675	0.600	1.650	1.000	0.475	94-180
11-882	T40	0.12	0.700	-	1.900	1.250	-	94-182
11-884	T45	0.15	0.700	-	1.900	1.250	-	94-184
11-886	T50	0.18	0.700	-	1.900	1.250	-	94-186
11-888	T55	0.21	0.810	-	2.330	1.500	-	94-188

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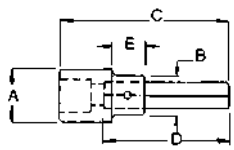


EYE-D

3/8" Drive Screwdriver Sockets

Product Number	Tip Size Inches	Weight Lbs.	A Drive End (In)	B Overall Length (In)	C Bit Length (In)	Replacement Bit
11-802	1/4 x 1/32	0.13	0.700	2.590	1.940	94-102
11-803	5/16 x 3/64	0.13	0.700	2.590	1.940	94-103
11-805	3/8 x 1/16	0.13	0.700	2.590	1.940	94-105

Fed'l Spec. GGG-W-001222



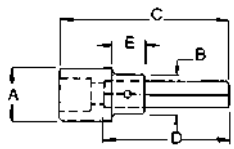


EYE-D

3/8" Drive Phillips Screwdriver Sockets

Product Number	Tip Size Inches	Weight Lbs.	A Drive End (In)	B Overall Length (In)	C Bit Length (In)	Replacement Bit
11-821	Phil. #1	0.11	0.700	2.050	1.400	94-121
11-822	Phil. #2	0.11	0.700	2.050	1.400	94-122
11-825	Phil. #3	0.11	0.700	2.050	1.400	94-125
11-828	Phil. #4	0.11	0.700	2.050	1.400	94-128

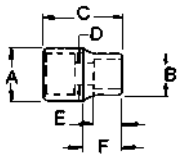
Fed'l Spec. GGG-W-001222





EYE-D





EYE-D

3/8" Drive 12 Point Black Oxide Standard Length Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
19-108	1/4	0.04	0.660	0.385	0.872	0.141	0.180	0.380
19-110	5/16	0.04	0.660	0.461	0.872	0.172	0.180	0.380
19-112	3/8	0.04	0.660	0.563	0.872	0.281	0.250	0.380
19-114	7/16	0.04	0.655	0.655	0.872	0.281	0.250	-
19-116	1/2	0.06	0.724	0.724	0.900	0.344	0.280	-
19-118	9/16	0.06	0.777	0.777	0.900	0.500	0.430	-
19-120	5/8	0.08	0.862	0.862	0.972	0.600	0.510	-
19-122	11/16	0.10	0.952	0.952	0.972	0.680	0.510	-
19-124	3/4	0.12	1.003	1.003	1.097	0.680	0.640	-
19-126	13/16	0.15	1.076	1.076	1.097	0.680	0.660	-
19-128	7/8	0.20	1.173	1.173	1.150	0.680	0.630	-
19-130	15/16	0.27	1.250	1.260	1.260	0.906	0.760	-
19-132	1	0.28	1.310	1.310	1.375	0.980	0.800	-

ASME B107.1 Fed'l Spec. GGG-W-641e

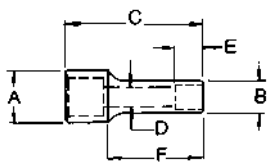


EYE-D

3/8" Drive 12 Point Black Oxide Deep Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
19-308	1/4	0.07	0.654	0.385	2.430	0.220	0.400	0.800
19-310	5/16	0.08	0.654	0.461	2.430	0.258	0.400	0.800
19-312	3/8	0.09	0.654	0.563	2.430	0.281	0.400	0.800
19-314	7/16	0.10	0.654	0.655	2.430	0.281	0.840	-
19-316	1/2	0.13	0.724	0.724	2.430	0.469	1.250	-
19-318	9/16	0.16	0.777	0.777	2.430	0.531	1.450	-
19-320	5/8	0.19	0.862	0.862	2.430	0.594	1.450	-
19-322	11/16	0.23	0.952	0.952	2.430	0.656	1.450	-
19-324	3/4	0.27	1.003	1.003	2.430	0.547	1.450	-
19-326	13/16	0.31	1.076	1.076	2.430	0.781	1.500	-
19-328	7/8	0.42	1.173	1.173	2.430	0.672	1.500	-
19-330	15/16	0.46	1.260	1.260	2.500	0.870	1.400	-
19-332	1	0.51	1.310	1.310	2.500	0.870	1.400	-

ASME B107.1 Fed'l Spec. GGG-W-641e

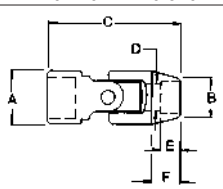




3/8" Drive 12 Point Black Oxide Universal Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
19-512	3/8	0.09	0.750	0.597	1.680	0.334	0.330	0.220
19-514	7/16	0.11	0.750	0.640	1.680	0.334	0.330	0.220
19-516	1/2	0.12	0.750	0.714	1.680	0.345	0.330	0.265
19-518	9/16	0.13	0.750	0.785	1.687	0.410	0.400	0.465
19-520	5/8	1.40	0.750	0.865	1.687	0.470	0.400	0.465
19-522	11/16	0.15	0.750	0.932	1.693	0.470	0.440	0.520
19-524	3/4	0.16	0.750	1.023	1.693	0.500	0.440	0.520

ASME B107.1 Fed'l Spec. GGG-W-641e



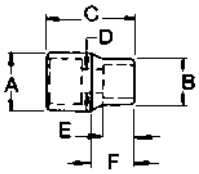
Always wear eye protection when near tools in use.

3/8" Drive 12 Point Standard Length Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
38-106	6	18	16.7	9.9	23.8	4.3	4.8	11.1
38-107	7	19	16.7	10.5	23.8	4.3	4.2	11.0
38-108	8	18	16.7	11.6	23.8	5.6	4.2	11.1
38-109	9	18	16.7	12.9	23.8	5.6	5.1	11.0
38-110	10	20	16.7	14.8	23.8	5.6	5.8	11.1
38-111	11	22	16.7	16.7	23.8	9.3	6.4	-
38-112	12	23	17.2	17.2	24.6	9.3	7.2	-
38-113	13	29	18.4	18.4	24.6	9.3	7.0	-
38-114	14	29	19.7	19.7	24.6	14.2	11.7	-
38-115	15	32	20.7	20.7	24.6	15.2	11.7	-
38-116	16	37	21.9	21.9	25.7	16.2	12.7	-
38-117	17	45	23.5	23.5	25.7	17.2	14.3	-
38-118	18	50	24.2	24.2	28.7	18.2	13.6	-
38-119	19	57	25.5	25.5	28.7	19.2	16.6	-
38-120	20	69	27.4	27.4	28.7	20.2	16.8	-
38-121	21	82	28.5	28.5	30.5	21.2	18.1	-
38-122	22	94	29.6	29.9	31.8	22.3	16.4	-
38-123	23	122	30.2	30.2	34.9	17.1	14.0	-
38-126	26	139	33.4	33.4	38.1	22.2	17.8	-

ASME B107.5m





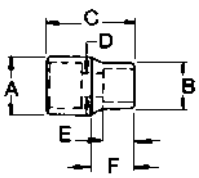
EYE-D

3/8" Drive 6 Point Standard Length Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
38-006	6	19	16.7	9.9	23.8	4.3	5.5	11.1
38-007	7	19	16.7	10.5	23.8	4.3	4.2	11.1
38-008	8	19	16.7	11.6	23.8	5.6	4.2	11.1
38-009	9	20	16.7	12.9	23.8	5.6	5.1	11.1
38-010	10	20	16.7	14.8	23.8	7.6	5.8	10.7
38-011	11	23	16.6	16.6	23.8	9.3	6.4	-
38-012	12	24	17.2	17.2	24.6	9.3	7.2	-
38-013	13	30	18.4	18.4	24.6	9.3	7.0	-
38-014	14	30	19.7	19.7	24.6	14.2	11.7	-
38-015	15	34	20.7	20.7	24.6	14.9	11.8	-
38-016	16	39	21.9	21.9	25.7	16.2	12.7	-
38-017	17	47	23.5	23.5	25.7	17.2	13.6	-
38-018	18	52	24.2	24.2	28.7	18.2	13.6	-
38-019	19	60	25.6	25.6	28.7	19.2	16.6	-
38-020	20	72	27.3	27.3	28.7	20.2	17.3	-
38-021	21	85	28.5	28.5	30.5	21.2	18.1	-
38-022	22	99	29.6	29.6	31.8	22.3	18.9	-
38-023	23	122	30.2	30.2	34.9	17.1	15.9	-
38-026	26	143	33.4	33.4	38.1	22.2	17.8	-

ASME B107.5m





EYE-D

SAFETY NOTICE

METRIC AND FRACTIONAL SOCKET OPENINGS ARE NOT INTERCHANGEABLE. PLEASE SELECT THE APPROPRIATE OPENING SIZE FOR THE JOB AT HAND.

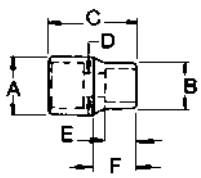


EYE-D

3/8" Drive 12 Point Deep Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
38-306	6	30	16.5	9.5	63.5	4.0	10.9	22.0
38-307	7	30	16.5	10.6	63.5	4.8	10.9	22.0
38-308	8	37	16.5	11.5	63.5	6.4	10.9	22.0
38-309	9	48	16.5	12.9	63.5	8.4	9.5	23.0
38-310	10	53	16.5	14.8	63.5	7.9	9.5	23.0
38-311	11	54	16.5	16.5	63.5	8.7	17.3	-
38-312	12	63	17.2	17.2	63.5	8.7	17.3	-
38-313	13	66	18.4	18.4	63.5	11.4	30.2	-
38-314	14	67	19.7	19.7	63.5	12.4	35.0	-
38-315	15	72	20.7	20.7	63.5	13.6	35.0	-
38-316	16	81	21.8	21.8	63.5	15.6	35.0	-
38-317	17	98	23.5	23.5	63.5	16.8	35.0	-
38-318	18	99	24.1	24.1	63.5	16.8	35.0	-
38-319	19	109	25.4	25.4	63.5	18.8	35.0	-
38-320	20	171	28.7	28.7	63.8	17.6	38.1	-
38-321	21	149	28.7	28.7	63.5	19.6	38.1	-
38-322	22	157	29.8	29.8	63.5	21.7	38.9	-
38-323	23	160	30.2	30.2	73.0	17.1	13.5	-
38-326	26	199	30.2	30.2	73.0	22.2	26.5	-

ASME B107.5m



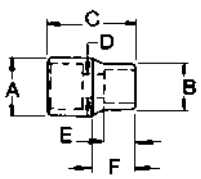


EYE-D

3/8" Drive 6 Point Deep Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
38-206	6	30	16.5	9.5	63.5	4.0	10.9	22.0
38-207	7	30	16.5	10.6	63.5	4.8	10.9	22.0
38-208	8	38	16.5	11.5	63.5	6.4	10.9	22.0
38-209	9	49	16.5	12.9	63.5	7.9	9.5	22.0
38-210	10	54	16.5	14.8	63.5	7.9	9.5	22.0
38-211	11	57	16.5	16.5	63.5	8.7	17.3	-
38-212	12	65	17.2	17.2	63.5	8.7	17.3	-
38-213	13	68	18.4	18.4	63.5	11.7	30.2	-
38-214	14	72	19.6	19.6	63.5	12.4	35.0	-
38-215	15	78	20.7	20.7	63.5	13.6	35.0	-
38-216	16	87	21.8	21.8	63.5	15.6	35.0	-
38-217	17	104	23.5	23.5	63.5	16.8	35.0	-
38-218	18	105	24.1	24.1	63.5	16.8	35.0	-
38-219	19	114	25.4	25.4	63.5	18.8	35.0	-
38-220	20	179	28.7	28.7	63.8	19.6	39.0	-
38-221	21	168	28.7	28.7	63.8	19.6	39.0	-
38-222	22	168	29.9	29.9	63.8	20.2	39.0	-
38-223	23	169	30.2	30.2	73.0	17.1	13.5	-
38-226	26	207	30.2	30.2	73.0	22.2	26.5	-

ASME B107.5m

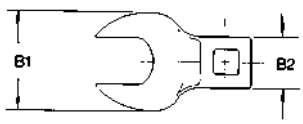


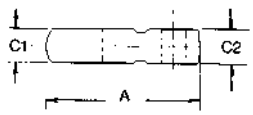
Always wear eye protection when near tools in use.

3/8" Drive Crowfoot Wrenches — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Head Width (mm)	B2 Handle Width (mm)	C1 Head Thickness (mm)	C2 Handle Thickness (mm)
38-850	10	27	30.5	20.6	16.0	5.6	11.2
38-851	11	27	32.5	22.4	16.0	5.6	11.2
38-852	12	27	34.0	23.9	16.0	6.4	11.2
38-853	13	41	35.1	23.6	16.0	6.6	11.2
38-854	14	41	37.8	28.4	16.0	6.6	11.2
38-855	15	41	39.4	29.5	16.0	7.9	11.2
38-856	16	41	40.6	30.5	16.0	8.9	11.2
38-857	17	59	43.4	33.8	16.0	8.9	11.2
38-858	18	59	44.7	35.3	16.0	8.9	11.2
38-859	19	73	46.2	38.1	16.0	8.9	11.2
38-861	21	73	52.1	40.9	16.0	9.1	11.2
38-862	22	86	51.8	42.9	16.0	9.4	11.2

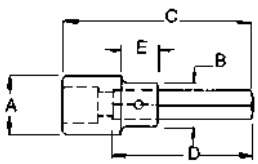






3/8" Drive Extra Long Hex Driver Sockets — METRIC

Product Number	Bit Size mm	Weight g	A Drive End (mm)	B Nose Dia. (mm)	C Overall Length (mm)	D Bit Length (mm)	E Length to Shoulder (mm)	Replacement Bit
38-747	4	44	17.2	13.5	156.0	136.5	12.0	94-347
38-749	5	49	17.2	13.5	156.0	136.5	12.0	94-349
38-751	6	65	17.2	13.5	156.0	139.7	12.0	94-351
38-752	7	80	17.2	13.5	156.0	139.7	12.0	94-352
38-753	8	95	17.2	-	156.0	139.7	-	94-353
38-754	9	105	17.2	-	156.0	139.7	-	94-354
38-755	10	125	17.2	-	156.0	139.7	-	94-355

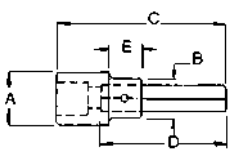




EYE-D

3/8" Drive Standard Length Hex Driver Sockets — METRIC

Product Number	Bit Size mm	Weight g	A Drive End (mm)	B Nose Dia. (mm)	C Overall Length (mm)	D Bit Length (mm)	E Length to Shoulder (mm)	Replacement Bit
38-705	3	36	17.2	13.5	71.0	50.8	12.0	94-305
38-707	4	38	17.2	13.5	71.0	50.8	12.0	94-307
38-709	5	40	17.2	13.5	71.0	50.8	12.0	94-309
38-711	6	48	17.2	13.5	71.0	54.0	12.0	94-311
38-712	7	50	17.2	13.5	71.0	54.0	12.0	94-312
38-713	8	58	17.2	-	71.0	54.0	-	94-313
38-714	9	60	17.2	-	71.0	54.0	-	94-314
38-715	10	65	17.2	-	71.0	54.0	-	94-315





EYE-D



3/8" Drive Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
11-972	0.71	7.375	1.156	0.656	36

ASME B107.10m Fed'l Spec. GGG-W-641e



3/8" Drive Long Handle Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
11-973	0.96	10.500	1.156	0.656	36

ASME B107.10m Fed'l Spec. GGG-W-641e



3/8" Drive Flex Head Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
11-974	0.89	9.500	1.156	0.656	36

ASME B107.10m Fed'l Spec. GGG-W-641e



3/8" Drive Plastic Handle Teardrop Ratchets

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
11-978	0.71	8.375	1.156	0.656	36
11-979	0.96	11.500	1.156	0.656	36

ASME B107.10m Fed'l Spec. GGG-W-641e



3/8" Drive Black Oxide Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
19-972	0.69	7.375	1.156	0.656	36

ASME B107.10m Fed'l Spec. GGG-W-641e



3/8" Drive Armstrong Maxx Standard Handle Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
11-992	0.70	8.000	1.188	1.000	60

- Machined Gear Teeth and high strength steel pawl for superior strength and consistent performance
- Enclosed head for extreme resistance to dirt
- Sleek tapered head design with 6-degree ratcheting arc for increased accessibility



3/8" Drive Armstrong Maxx Locking Flex Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
11-994	1.05	11.625	1.188	1.000	60

- Machined Gear Teeth and high strength steel pawl for superior strength and consistent performance
- Enclosed head for extreme resistance to dirt
- 9-Position Locking Flex Head maximizes safety and maintains position regardless of load

Always wear eye protection when near tools in use.

3/8" Drive Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
11-972A	0.69	7.625	1.200	0.550	36



3/8" Drive Quick Release Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
11-967A	0.69	7.625	1.200	0.550	36



3/8" Drive Quick Release Teardrop Flex Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
11-974A	0.94	11.375	1.200	0.550	36



3/8" Drive Black Oxide Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
19-972A	0.69	7.625	1.200	0.550	36



3/8" Drive Round Head Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
11-915	0.67	7.480	1.270	1.020	41



3/8" Drive Round Head Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
11-915A	0.69	7.500	1.270	0.780	45



3/8" Drive Indexible Head Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
11-996	0.85	10.000	1.188	1.000	72





3/8" Drive Breaker Bars

Product Number	Weight Lbs.	Overall Length (in)
11-918	0.51	8.500
11-918A*	0.63	9.500

ASME B107.10m Fed'l Spec. GGG-W-641e *Knurled Handle



3/8" Drive Black Oxide Breaker Bar

Product Number	Weight Lbs.	Overall Length (in)
19-918	0.49	8.500

ASME B107.10m Fed'l Spec. GGG-W-641e



3/8" Drive Extensions

Product Number	Weight Lbs.	Overall Length (in)	Product Number	Weight Lbs.	Overall Length (in)
11-921	0.09	1.500	**11-921A***	0.12	1.750
11-922	0.16	3.000	**11-922A***	0.19	3.000
11-923	0.25	6.000	**11-923A***	0.31	6.000
11-925	0.32	8.000	**11-925A***	0.50	10.000
11-927	0.48	12.000			
11-928	0.77	20.000			

ASME B107.10m Fed'l Spec. GGG-W-641e *No Knurling



3/8" Drive Flex Extension

Product Number	Weight Lbs.	Overall Length (in)
11-929	0.23	7.250

ASME B107.10m Fed'l Spec. GGG-W-641e



11-920
4 Pc. 3/8" Drive Locking Extension Set

Contents: 4 Locking Extensions. Approximate Weight, 2.0 lbs.

Product Number	Length Inches	Product Number	Length Inches
11-934	3.000	11-937	8.000
11-936	6.000	11-939	12.000



3/8" Drive Locking Extensions

Product Number	Length Inches	Weight Lbs.
11-934	3.000	0.25
11-936	6.000	0.40
11-937	8.000	0.55
11-939	12.000	0.75

Always wear eye protection when near tools in use.

11-959
5 Pc. 3/8" Drive Wobble Extension Set



Contents: 5 Wobble Extensions. Approximate Weight, 1.3 lbs.

Product Number	Length Inches	Product Number	Length Inches
11-953	1.750	11-956	8.000
11-954	3.000	11-957	12.000
11-955	6.000		

3/8" Drive Wobble Extensions



Product Number	Length Inches	Weight Lbs.
11-953	1.750	0.09
11-954	3.000	0.16
11-955	6.000	0.25
11-956	8.000	0.32
11-957	12.000	0.48
11-958	18.000	0.68

3/8" Drive Speeder



Product Number	Weight Lbs.	Overall Length (in)	Product Number	Weight Lbs.	Overall Length (in)
11-935	0.99	16.750	**11-935A***	1.00	16.750

ASME B107.10m Fed'l Spec. GGG-W-641e *Knurled Handle

3/8" Drive T-Handle



Product Number	Weight Lbs.	Overall Length
11-938	0.41	7.000

ASME B107.10m Fed'l Spec. GGG-W-641e

3/8" Drive (Male/Female) Plastic Handle Driver



Product Number	Weight Lbs.	Overall Length
11-943	0.40	6.000

ASME B107.10m Fed'l Spec. GGG-W-641e



3/8" Drive Socket Spinner

Product Number	Weight Lbs.
11-945	0.18



3/8" Drive Universal Joint

Product Number	Weight Lbs.
11-947	0.15

ASME B107.10m Fed'l Spec. GGG-W-641e



3/8" Drive Adapters

Product Number	Weight Lbs.	Description	Overall Length (in)
11-951	0.05	3/8"F, 1/4"M	1.015
11-952	0.09	3/8"F, 1/2"M	1.375

ASME B107.10m Fed'l Spec. GGG-W-641e

CAUTION:

Adapting down to a smaller drive size may result in excessive torque application, causing failure of fastener, socket or adapter.

SAFETY NOTICE

Since ratchets include moving parts, periodic inspection and, if necessary, cleaning, lubrication with a light grade oil, and replacement of worn parts will become necessary. Parts should not be replaced individually, but rather in total, and complete Ratchet Repair Kits are available.

3/8" Ratchet Repair Kit

Product Number 11-990

Contains the following parts, with illustrated instruction sheet, for repairing the 11-972, 11-973, 11-978, 11-979 or 19-972 Ratchets: Gear, Pawl, Shifting Lever, Spring, Ball, Cover Plate, 2 Cover Plate Screws. In cardboard box. Approximate weight, 0.13 pounds.

3/8" Ratchet Repair Kit

Product Number 11-991

Contains the following parts, with illustrated instruction sheet, for repairing the 11-974 Flex Head Ratchet: Gear, Pawl, Shifting Lever, Spring, Ball, Cover Plate, 2 Cover Plate Screws, Groove Pin, Spring Washer. In cardboard box. Approximate weight, 0.16 pounds.

3/8" Ratchet Repair Kit

Product Number 11-963

Contains the following parts, with illustrated instruction sheet, for repairing the 11-915 Ratchet: Reversing Lever Plate, Retaining Spring Gear Unit.

3/8" Armstrong Maxx Ratchet Repair Kit

Product Number 11-982

Contains the following parts, with illustrated instruction sheet, for repairing the 11-992 and 11-994 Ratchets: Gear, Pawl, Shifting Lever, Spring, Retaining Plate and Rings, and 2 O-Rings.

3/8" Indexible Ratchet Repair Kit

Product Number 11-983

Contains the following parts, with illustrated instruction sheet, for repairing the 11-996 Ratchet: Square Drive, Heart-Shaped Spring, Reversing Cap, Central Screw, and Ratchet Lube.

Always wear eye protection when near tools in use.

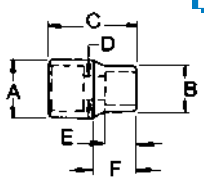
1/2" Drive 12 Point Standard Length Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (In)	B Wrench End (In)	C Overall Length (In)	D Bolt Clearance (In)	E Wrench Depth (In)	F Length to Shoulder (In)
12-112	3/8	0.09	0.860	0.600	1.455	0.281	0.400	0.705
12-114	7/16	0.10	0.860	0.670	1.455	0.281	0.400	0.705
12-116	1/2	0.11	0.860	0.748	1.455	0.344	0.400	0.705
12-118	9/16	0.12	0.860	0.812	1.455	0.406	0.400	0.705
12-119	19/32	0.13	0.860	0.860	1.455	0.375	0.450	-
12-120	5/8	0.14	0.870	0.870	1.455	0.469	0.475	-
12-121	21/32	0.15	0.930	0.930	1.455	0.469	0.475	-
12-122	11/16	0.15	0.956	0.956	1.455	0.469	0.500	-
12-124	3/4	0.20	1.037	1.037	1.455	-	0.800	-
12-125	25/32	0.21	1.125	1.125	1.455	-	0.800	-
12-126	13/16	0.21	1.125	1.125	1.455	-	0.800	-
12-128	7/8	0.22	1.173	1.173	1.455	-	0.800	-
12-130	15/16	0.27	1.256	1.256	1.496	-	0.827	-
12-132	1	0.31	1.307	1.307	1.614	-	0.846	-
12-134	1-1/16	0.43	1.410	1.410	1.614	-	0.900	-
12-136	1-1/8	0.42	1.480	1.480	1.654	-	1.000	-
12-138	1-3/16	0.49	1.563	1.563	1.710	-	1.000	-
12-140	1-1/4	0.58	1.650	1.650	1.715	-	1.000	-
12-142	1-5/16	0.76	1.750	1.750	2.125	1.062	0.850	-
12-144	1-3/8	0.90	1.812	1.812	2.125	1.064	0.875	-
12-146	1-7/16	0.99	1.938	1.938	2.187	1.064	0.907	-
12-148	1-1/2	1.08	2.000	2.000	2.250	1.064	0.907	-

ASME B107.1 Fed'l Spec. GGG-W-641e



EYE-D



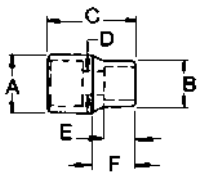
1/2" Drive 6 Point Standard Length Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (In)	B Wrench End (In)	C Overall Length (In)	D Bolt Clearance (In)	E Wrench Depth (In)	F Length to Shoulder (In)
12-012	3/8	0.10	0.860	0.600	1.455	0.281	0.400	0.705
12-014	7/16	0.10	0.860	0.670	1.455	0.281	0.400	0.705
12-016	1/2	0.12	0.860	0.748	1.455	0.266	0.400	0.705
12-018	9/16	0.13	0.860	0.812	1.455	0.328	0.400	0.705
12-020	5/8	0.14	0.870	0.870	1.455	0.375	0.480	-
12-022	11/16	0.16	0.956	0.956	1.455	0.375	0.500	-
12-024	3/4	0.19	1.037	1.037	1.455	-	0.800	-
12-026	13/16	0.22	1.125	1.125	1.455	-	0.800	-
12-028	7/8	0.23	1.173	1.173	1.455	-	0.800	-
12-030	15/16	0.27	1.256	1.256	1.496	-	0.827	-
12-032	1	0.33	1.307	1.307	1.614	-	0.846	-
12-034	1-1/16	0.40	1.410	1.410	1.614	-	0.900	-
12-036	1-1/8	0.44	1.480	1.480	1.654	-	1.000	-
12-038	1-3/16	0.49	1.563	1.563	1.710	-	1.000	-
12-040	1-1/4	0.58	1.650	1.650	1.715	-	1.000	-
12-042	1-5/16	0.79	1.750	1.750	2.062	1.062	0.820	-
12-044	1-3/8	0.89	1.812	1.812	2.125	1.062	0.960	-
12-046	1-7/16	1.07	1.938	1.938	2.187	1.062	0.960	-
12-048	1-1/2	1.17	2.000	2.000	2.250	1.062	0.960	-

ASME B107.1 Fed'l Spec. GGG-W-641e



EYE-D



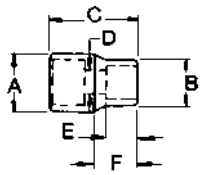


EYE-D

1/2" Drive 12 Point Deep Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
12-312	3/8	0.21	0.860	0.600	3.185	0.297	0.500	0.810
12-314	7/16	0.23	0.860	0.670	3.185	0.297	0.500	0.810
12-316	1/2	0.27	0.860	0.737	3.185	0.480	0.520	0.810
12-318	9/16	0.27	0.860	0.812	3.185	0.540	0.520	0.810
12-320	5/8	0.25	0.860	0.860	3.205	0.625	1.200	-
12-322	11/16	0.29	0.956	0.956	3.205	0.650	1.450	-
12-324	3/4	0.42	1.037	1.037	3.205	0.650	1.700	-
12-326	13/16	0.41	1.115	1.115	3.205	0.770	1.800	-
12-328	7/8	0.48	1.173	1.173	3.205	0.770	1.800	-
12-330	15/16	0.55	1.256	1.256	3.235	0.870	1.300	-
12-332	1	0.63	1.307	1.307	3.235	0.870	1.300	-
12-334	1-1/16	0.70	1.410	1.410	3.235	0.990	1.600	-
12-336	1-1/8	0.75	1.490	1.490	3.235	1.053	1.600	-
12-338	1-3/16	0.93	1.563	1.563	3.235	0.797	0.844	-
12-340	1-1/4	1.29	1.687	1.687	3.235	0.922	0.875	-
12-342	1-5/16	1.35	1.750	1.750	3.235	0.922	0.940	-
12-344	1-3/8	1.40	1.812	1.812	3.218	1.060	1.125	-
12-346	1-7/16	1.53	1.938	1.938	3.218	1.060	1.125	-
12-348	1-1/2	1.68	2.000	2.000	3.218	1.060	1.125	-

ASME B107.1 Fed'l Spec. GGG-W-641e



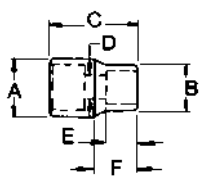


EYE-D

1/2 " Drive 6 Point Deep Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
12-212	3/8	0.30	0.860	0.600	3.185	0.297	0.570	0.810
12-214	7/16	0.31	0.860	0.670	3.185	0.297	0.500	0.810
12-216	1/2	0.31	0.860	0.737	3.185	0.480	0.500	0.810
12-218	9/16	0.29	0.860	0.812	3.185	0.540	0.500	0.810
12-220	5/8	0.28	0.860	0.860	3.205	0.625	1.200	-
12-222	11/16	0.32	0.956	0.956	3.205	0.650	1.450	-
12-224	3/4	0.40	1.037	1.037	3.205	0.650	1.700	-
12-226	13/16	0.44	1.115	1.115	3.205	0.770	1.800	-
12-228	7/8	0.50	1.173	1.173	3.205	0.770	1.800	-
12-230	15/16	0.58	1.256	1.256	3.235	0.870	1.300	-
12-232	1	0.65	1.307	1.307	3.235	0.870	1.300	-
12-234	1-1/16	0.75	1.410	1.410	3.235	0.990	1.700	-
12-236	1-1/8	0.81	1.490	1.490	3.235	1.053	1.700	-
12-238	1-3/16	0.87	1.563	1.563	3.235	0.797	0.844	-
12-240	1-1/4	1.31	1.687	1.687	3.235	0.922	0.875	-
12-242	1-5/16	1.35	1.750	1.750	3.218	1.060	1.125	-
12-244	1-3/8	1.42	1.812	1.812	3.218	1.060	1.125	-
12-246	1-7/16	1.51	1.938	1.938	3.218	1.060	1.125	-
12-248	1-1/2	1.73	2.000	2.000	3.218	1.060	1.125	-

ASME B107.1 Fed'l Spec. GGG-W-641e

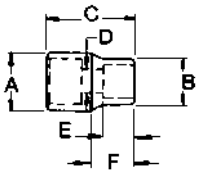


Always wear eye protection when near tools in use.

1/2" Drive 8 Point Standard Length Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (In)	B Wrench End (In)	C Overall Length (In)	D Bolt Clearance (In)	E Wrench Depth (In)	F Length to Shoulder (In)
12-410	5/16	0.13	0.866	0.637	1.330	0.188	0.375	0.580
12-412	3/8	0.14	0.866	0.678	1.330	0.297	0.406	0.580
12-414	7/16	0.12	0.866	0.755	1.372	0.443	0.257	0.622
12-416	1/2	0.12	0.859	0.859	1.372	0.485	0.400	-
12-418	9/16	0.14	0.927	0.927	1.372	0.485	0.479	-
12-420	5/8	0.20	1.031	1.031	1.372	0.485	0.375	-
12-422	11/16	0.21	1.123	1.123	1.372	0.695	0.710	-
12-424	3/4	0.23	1.185	1.185	1.378	-	0.670	-
12-426	13/16	0.47	1.390	1.390	1.625	0.609	0.512	-
12-428	7/8	0.48	1.472	1.472	1.750	0.672	0.590	-
12-432	1	0.67	1.625	1.625	1.750	0.672	0.632	-

ASME B107.1 Fed'l Spec. GGG-W-641e



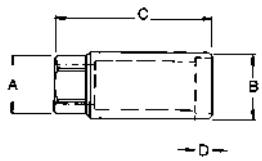


EYE-D™

1/2" Drive Spark Plug Socket with Rubber Insert

Product Number	Weight Lbs.	Opening Inches	A Drive End Diameter (In)	B Wrench End (In)	C Overall Length (In)	D Wrench Depth (In)
12-504	0.27	13/16	0.867	1.057	2.500	0.525

Fed'l Spec. GGG-W-641e



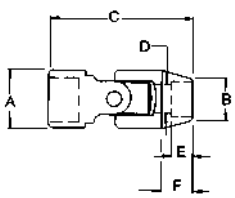


EYE-D™

1/2 " Drive 12 Point Universal Sockets

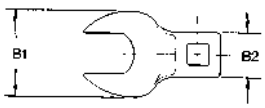
Product Number	Opening Inches	Weight Lbs.	A Drive End (In)	B Wrench End (In)	C Overall Length (In)	D Bolt Clearance (In)	E Wrench Depth (In)	F Length to Shoulder (In)
12-516	1/2	0.24	0.940	0.750	2.312	0.438	0.312	0.406
12-518	9/16	0.24	0.940	0.844	2.375	0.438	0.375	0.468
12-520	5/8	0.25	0.940	0.875	2.437	0.500	0.437	0.531
12-522	11/16	0.26	0.940	0.940	2.500	0.500	0.468	-
12-524	3/4	0.27	0.940	1.062	2.562	0.500	0.531	0.781

ASME B107.1 Fed'l Spec. GGG-W-641e









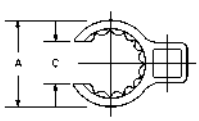


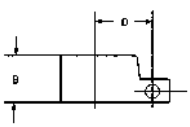
1/2" Drive Crowfoot Wrenches

Product Number	Opening Inches	Weight Lbs.	A Overall Length (in)	B1 Head Width (in)	B2 Handle Width (in)	C1 Head Thickness (in)	C2 Handle Thickness (in)
12-859	15/16	0.39	2.812	1.937	1.000	0.500	0.625
12-860	1	0.38	2.812	1.937	1.000	0.500	0.625
12-861	1-1/16	0.53	2.875	2.218	1.000	0.609	0.562
12-862	1-1/8	0.53	2.875	2.218	1.000	0.609	0.562
12-863	1-1/4	0.46	2.875	2.218	1.000	0.609	0.562
12-866	1-7/16	0.70	3.406	2.718	1.000	0.609	0.562
12-867	1-1/2	0.67	3.406	2.718	1.000	0.609	0.562

ASME B107.21 Fed'l Spec. GGG-C-1507b







1/2" Drive Flare Nut Crowfoot Wrenches

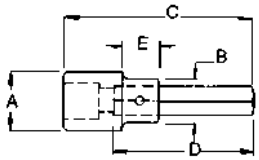
Product Number	Opening Inches	Weight Lbs.	A Head Diameter (in)	B Head Thickness (in)	C Slot Width (in)	D Length of Centers (in)
12-840	1-1/8	0.19	1.625	0.875	0.844	1.156
12-841	1-3/16	0.19	1.688	0.875	0.906	1.188
12-842	1-1/4	0.19	1.781	0.875	0.938	1.234
12-843	1-5/16	0.19	1.844	0.875	0.969	1.266
12-844	1-3/8	0.25	1.938	0.938	1.063	1.313
12-845	1-7/16	0.25	2.000	0.938	1.063	1.344
12-846	1-1/2	0.25	2.063	0.938	1.125	1.375
12-847	1-9/16	0.31	2.156	0.938	1.156	1.422
12-848	1-5/8	0.31	2.219	0.938	1.219	1.453
12-849	1-11/16	0.31	2.313	1.000	1.313	1.516
12-850	1-3/4	0.38	2.375	1.000	1.313	1.547
12-851	1-13/16	0.38	2.469	1.000	1.344	1.594
12-852	1-7/8	0.44	2.563	1.063	1.375	1.641
12-853	1-15/16	0.50	2.625	1.063	1.438	1.672
12-854	2	0.50	2.719	1.063	1.563	1.719

ASME B107.21 Fed'l Spec. GGG-C-1507b

Always wear eye protection when near tools in use.

1/2" Drive Extra Long Hex Driver Sockets

Product Number	Bit Size Inches	Weight Lbs.	A Drive End (in)	B Nose Dia. (in)	C Overall Length (in)	D Bit Length (in)	E Length to Shoulder (in)	Replacement Bit
12-753	1/4	0.19	0.860	0.611	5.000	4.000	0.650	94-253
12-754	5/16	0.24	0.860	0.709	5.000	4.000	0.650	94-254
12-755	3/8	0.33	0.860	0.808	6.000	5.000	0.650	94-255
12-757	1/2	0.50	1.048	-	6.000	4.900	-	94-257
12-758	9/16	0.75	1.048	-	6.960	5.875	-	94-258
12-759	5/8	1.14	1.312	-	6.960	5.813	-	94-259

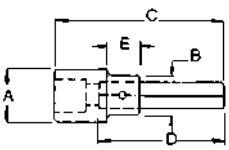




EYE-D™

1/2" Drive Standard Length Hex Driver Sockets

Product Number	Bit Size Inches	Weight Lbs.	A Drive End (in)	B Nose Dia. (in)	C Overall Length (in)	D Bit Length (in)	E Length to Shoulder (in)	Replacement Bit
12-713	1/4	0.16	0.860	0.611	3.250	2.250	0.650	94-213
12-714	5/16	0.19	0.860	0.709	3.250	2.250	0.650	94-214
12-715	3/8	0.23	0.860	0.808	3.250	2.250	0.650	94-215
12-716	7/16	0.25	0.860	0.808	3.250	2.250	0.650	94-216
12-717	1/2	0.48	1.048	-	3.710	2.625	-	94-217
12-718	9/16	0.50	1.048	-	3.710	2.625	-	94-218
12-719	5/8	0.83	1.312	-	3.960	2.813	-	94-219
12-721	3/4	0.94	1.312	-	3.960	2.813	-	94-221



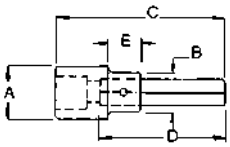


EYE-D™

1/2" Drive Standard Length Torx® Driver Sockets

Product Number	Bit Size Inches	Weight Lbs.	A Drive End (in)	B Nose Dia. (in)	C Overall Length (in)	D Bit Length (in)	E Length to Shoulder (in)	Replacement Bit
12-878	T27	0.14	0.860	0.611	2.000	1.000	0.650	94-178
12-880	T30	0.14	0.860	0.611	2.000	1.000	0.650	94-180
12-882	T40	0.16	0.860	0.709	2.250	1.250	0.650	94-182
12-884	T45	0.16	0.860	0.709	2.250	1.250	0.650	94-184
12-886	T50	0.16	0.860	0.709	2.250	1.250	0.650	94-186
12-888	T55	0.39	1.048	-	2.580	1.500	-	94-188
12-890	T60	0.39	1.048	-	2.580	1.500	-	94-190

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EYE-D™

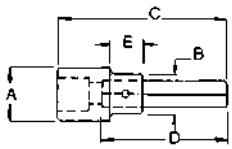


EYE-D

1/2" Drive Screwdriver Sockets

Product Number	Bit Size Inches	Weight Lbs.	A Drive End (In)	B Nose Dia. (In)	C Overall Length (In)	D Bit Length (In)	E Length to Shoulder (In)	Replacement Bit
12-802	1/4x1/32	0.18	0.860	0.709	2.950	1.940	0.650	94-102
12-803	5/16x3/64	0.18	0.860	0.709	2.950	1.940	0.650	94-103
12-805	3/8x1/16	0.18	0.860	0.709	2.950	1.940	0.650	94-105

Fed'l Spec. GGG-W-001222



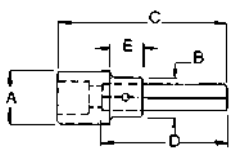


EYE-D

1/2" Drive Phillips Screwdriver Sockets

Product Number	Bit Size Inches	Weight Lbs.	A Drive End (In)	B Nose Dia. (In)	C Overall Length (In)	D Bit Length (In)	E Length to Shoulder (In)	Replacement Bit
12-821	Phil. #1	0.19	0.860	0.709	2.400	1.400	0.650	94-121
12-822	Phil. #2	0.19	0.860	0.709	2.400	1.400	0.650	94-122
12-825	Phil. #3	0.19	0.860	0.709	2.400	1.400	0.650	94-125
12-828	Phil. #4	0.19	0.860	0.709	2.400	1.400	0.650	94-128

Fed'l Spec. GGG-W-001222





EYE-D

1/2" Drive "drag link" Screwdriver Sockets

Product Number	Weight Lbs.	Blade Size, Width (In)	Blade Size Length (In)
12-892	0.19	7/64	15/16
12-893	0.35	3/32	1-1/4

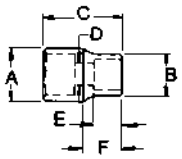
Always wear eye protection when near tools in use.

1/2" Drive 12 Point Black Oxide Standard Length Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
20-112	3/8	0.09	0.860	0.580	1.485	0.282	0.400	0.725
20-114	7/16	0.10	0.860	0.670	1.485	0.290	0.400	0.725
20-116	1/2	0.11	0.860	0.745	1.485	0.350	0.400	0.725
20-118	9/16	0.13	0.860	0.812	1.485	0.480	0.400	0.725
20-120	5/8	0.15	0.860	0.860	1.485	0.480	0.450	-
20-122	11/16	0.16	0.956	0.956	1.485	0.480	0.470	-
20-124	3/4	0.20	1.037	1.037	1.485	-	0.800	-
20-126	13/16	0.22	1.115	1.115	1.485	-	0.800	-
20-128	7/8	0.24	1.173	1.173	1.485	-	0.800	-
20-130	15/16	0.27	1.256	1.256	1.496	-	0.827	-
20-132	1	0.32	1.307	1.307	1.614	-	0.846	-
20-134	1-1/16	0.35	1.410	1.410	1.614	-	0.900	-
20-136	1-1/8	0.43	1.490	1.490	1.640	-	1.000	-
20-140	1-1/4	0.58	1.650	1.650	1.750	-	1.000	-
20-142	1-5/16	0.80	1.750	1.750	2.125	1.062	0.850	-
20-144	1-3/8	1.02	1.812	1.812	2.125	1.062	0.875	-
20-146	1-7/16	1.06	1.938	1.938	2.187	1.062	0.907	-
20-148	1-1/2	1.06	2.000	2.000	2.250	1.062	0.907	-

ASME B107.1 Fed'l Spec. GGG-W-641e





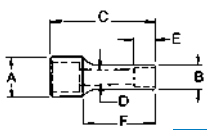
EYE-D

1/2" Drive 12 Point Black Oxide Deep Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
20-312	3/8	0.21	0.860	0.580	3.185	0.297	0.500	0.850
20-314	7/16	0.23	0.860	0.670	3.185	0.312	0.500	0.850
20-316	1/2	0.25	0.860	0.745	3.185	0.480	0.520	0.850
20-318	9/16	0.26	0.860	0.812	3.185	0.540	0.520	0.850
20-320	5/8	0.28	0.860	0.860	3.205	0.625	1.200	-
20-322	11/16	0.31	0.956	0.956	3.205	0.650	1.450	-
20-324	3/4	0.42	1.037	1.037	3.205	0.650	1.700	-
20-326	13/16	0.45	1.115	1.115	3.205	0.770	1.800	-
20-328	7/8	0.50	1.173	1.173	3.205	0.770	1.800	-
20-330	15/16	0.56	1.256	1.256	3.235	0.870	1.300	-
20-332	1	0.63	1.307	1.307	3.235	0.870	1.300	-
20-334	1-1/16	0.72	1.410	1.410	3.235	0.990	1.600	-
20-336	1-1/8	0.78	1.490	1.490	3.235	1.053	1.600	-
20-340	1-1/4	1.29	1.687	1.687	3.235	0.800	0.875	-

ASME B107.1 Fed'l Spec. GGG-W-641e



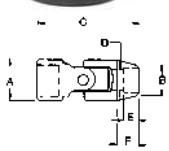


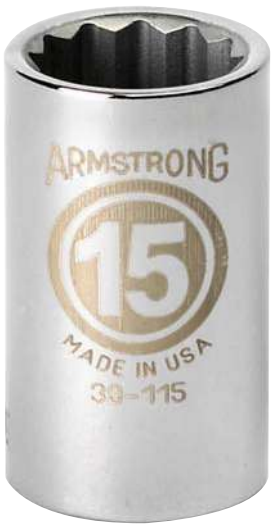
EYE-D

1/2" Drive 12 Point Black Oxide Universal Sockets

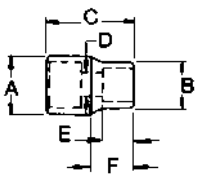
Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
20-516	1/2	0.24	0.940	0.750	2.312	0.438	0.312	0.406
20-518	9/16	0.24	0.940	0.844	2.375	0.438	0.375	0.468
20-520	5/8	0.25	0.940	0.875	2.437	0.500	0.437	0.531
20-522	11/16	0.26	0.940	0.940	2.500	0.500	0.468	-
20-524	3/4	0.27	0.940	1.062	2.562	0.500	0.531	0.781







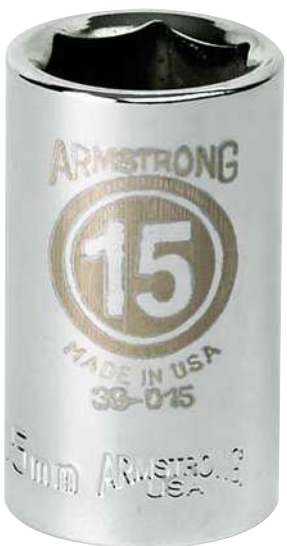
EYE-D



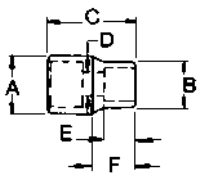
1/2" Drive 12 Point Standard Length Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
39-110	10	41	21.8	15.9	37.0	8.0	10.2	17.9
39-111	11	45	21.8	18.0	37.0	8.9	10.2	17.9
39-112	12	50	21.8	18.5	37.0	8.9	10.2	17.9
39-113	13	50	21.8	18.8	37.0	11.4	10.2	17.9
39-114	14	59	21.8	20.9	37.0	11.4	10.2	17.9
39-115	15	73	21.8	21.8	37.0	12.6	10.2	-
39-116	16	68	22.1	22.1	37.0	12.7	11.4	-
39-117	17	68	23.5	23.5	37.0	12.7	11.4	-
39-118	18	77	25.5	25.5	37.0	12.7	11.4	-
39-119	19	91	26.3	26.3	37.0	-	19.1	-
39-120	20	100	27.3	27.3	37.0	-	19.1	-
39-121	21	109	28.6	28.6	37.0	-	20.3	-
39-122	22	145	29.8	29.8	37.0	-	20.3	-
39-123	23	154	31.0	31.0	38.0	-	21.0	-
39-124	24	168	31.9	31.9	38.0	-	22.0	-
39-125	25	181	33.3	33.3	41.0	-	23.0	-
39-126	26	190	35.7	35.7	41.0	-	22.9	-
39-127	27	204	35.7	35.7	41.0	-	22.9	-
39-128	28	228	37.6	37.6	42.5	-	22.9	-
39-129	29	246	37.6	37.6	42.5	-	22.9	-
39-130	30	268	39.1	39.1	42.5	-	22.9	-
39-132	32	381	41.7	41.7	44.2	-	24.1	-
39-136	36	417	41.7	41.7	50.8	-	24.1	-

ASME B107.5m



EYE-D



1/2" Drive 6 Point Standard Length Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
39-010	10	45	21.8	15.9	37.0	8.0	10.2	17.9
39-011	11	45	21.8	18.0	37.0	8.9	10.2	17.9
39-012	12	54	21.8	18.5	37.0	8.9	10.2	17.9
39-013	13	54	21.8	18.8	37.0	11.4	10.2	17.9
39-014	14	59	21.8	20.9	37.0	11.4	10.2	17.9
39-015	15	68	21.8	21.8	37.0	12.6	10.2	-
39-016	16	73	22.1	22.1	37.0	12.7	11.4	-
39-017	17	73	23.5	23.5	37.0	12.7	11.4	-
39-018	18	77	25.5	25.5	37.0	12.7	11.4	-
39-019	19	95	26.3	26.3	37.0	-	19.1	-
39-020	20	100	27.3	27.3	37.0	-	19.1	-
39-021	21	114	28.6	28.6	37.0	-	20.3	-
39-022	22	155	29.8	29.8	37.0	-	20.3	-
39-023	23	164	31.0	31.0	38.0	-	21.0	-
39-024	24	168	31.9	31.9	38.0	-	22.0	-
39-025	25	186	33.3	33.3	41.0	-	23.0	-
39-026	26	200	35.3	35.3	46.1	19.1	17.0	-
39-027	27	209	36.4	36.4	46.1	19.1	17.0	-
39-028	28	232	37.5	37.5	48.3	20.7	18.3	-
39-029	29	255	38.1	38.1	49.5	20.7	18.3	-
39-030	30	277	38.1	38.1	50.8	20.7	18.3	-
39-032	32	395	42.9	42.9	50.8	23.8	21.1	-
39-036	36	426	49.2	49.2	55.5	25.4	24.6	-

ASME B107.5m

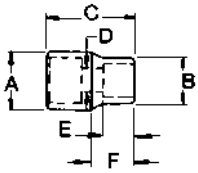
Always wear eye protection when near tools in use.

1/2" Drive 12 Point Deep Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder(mm)
39-310	10	95	21.8	15.9	81.4	7.4	11.4	21.1
39-311	11	104	21.8	18.0	81.4	8.1	12.7	21.1
39-312	12	109	21.8	18.5	81.4	10.3	13.7	21.1
39-313	13	113	21.8	18.8	81.4	10.3	11.9	21.1
39-314	14	118	21.8	20.9	81.4	10.3	11.9	21.1
39-315	15	113	21.8	21.8	81.4	10.7	30.5	-
39-316	16	122	22.1	22.1	81.4	11.9	30.5	-
39-317	17	127	23.5	23.5	81.4	12.3	30.5	-
39-318	18	168	25.5	25.5	81.4	16.5	30.5	-
39-319	19	191	26.3	26.3	81.4	16.5	35.6	-
39-320	20	195	27.3	27.3	81.4	16.5	35.6	-
39-321	21	195	28.6	28.6	81.4	19.6	38.1	-
39-322	22	222	29.8	29.8	81.4	19.6	38.1	-
39-323	23	231	31.0	31.0	82.2	19.2	35.0	-
39-324	24	245	31.8	31.8	82.2	22.1	35.0	-
39-325	25	272	33.2	33.2	82.2	22.1	35.0	-
39-326	26	308	34.9	34.9	82.6	22.4	30.5	-
39-327	27	345	35.6	35.6	82.2	20.7	41.0	-
39-328	28	369	37.5	37.5	82.6	22.4	30.5	-
39-329	29	432	38.9	38.9	82.6	22.6	31.8	-
39-330	30	535	38.9	38.9	82.6	22.6	30.5	-
39-332	32	585	42.8	42.8	82.2	25.0	25.0	-

ASME B107.5m

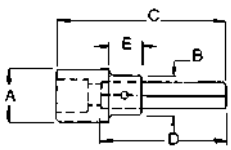




EYE-D

1/2" Drive Extra Long Hex Driver Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Nose Dia. (mm)	C Overall Length (mm)	D Bit Length (mm)	E Length to Shoulder(mm)	Replacement Bit
39-751	6	85	21.8	15.5	126.0	101.6	16.5	94-751
39-753	8	108	21.8	18.0	126.0	101.6	16.5	94-753
39-755	10	156	21.8	20.5	152.0	127.0	16.5	94-755
39-757	12	269	26.6	-	152.0	124.5	-	94-757
39-759	14	335	26.6	-	178.0	149.2	-	94-759
39-762	17	555	33.3	-	178.0	147.7	-	94-762

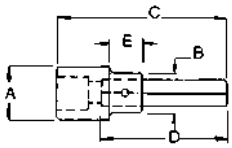




EYE-D

1/2" Drive Standard Length Hex Driver Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Nose Dia. (mm)	C Overall Length (mm)	D Bit Length (mm)	E Length to Shoulder(mm)	Replacement Bit
39-711	6	74	21.8	15.5	81.0	56.4	16.5	94-711
39-713	8	88	21.8	18.0	81.0	56.4	16.5	94-713
39-715	10	108	21.8	20.5	81.0	56.4	16.5	94-715
39-717	12	207	26.6	-	93.0	65.9	-	94-717
39-719	14	224	26.6	-	93.0	65.9	-	94-719
39-722	17	400	33.3	-	100.0	71.5	-	94-722
39-724	19	430	33.3	-	100.0	71.5	-	94-724





EYE-D



1/2" Drive Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
12-972	1.46	10.500	1.625	0.875	36

ASME B107.10m Fed'l Spec. GGG-W-641e



1/2" Drive Long Handle Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
12-973	2.21	15.000	1.625	0.875	36

ASME B107.10m Fed'l Spec. GGG-W-641e



1/2" Drive Flex Head Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
12-974	2.02	14.250	1.625	0.875	36

ASME B107.10m Fed'l Spec. GGG-W-641e



1/2" Drive Black Oxide Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
20-972	1.13	10.500	1.625	0.875	36

ASME B107.10m Fed'l Spec. GGG-W-641e



1/2" Drive Armstrong Maxx Standard Handle Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
12-992	1.60	10.188	1.625	1.250	60

- Machined gear teeth and high strength steel pawl for superior strength and consistent performance
- Enclosed head for extreme resistance to dirt
- Sleek tapered head design with 6-degree ratcheting arc for increased accessibility



1/2" Drive Armstrong Maxx Locking Flex Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
12-994	2.55	18.500	1.625	1.250	60

- Machined gear teeth and high strength steel pawl for superior strength and consistent performance
- Enclosed head for extreme resistance to dirt
- 9-Position Locking Flex Head maximizes safety and maintains position regardless of load



1/2" Drive Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
12-975A	1.31	10.300	1.800	0.780	36

ASME B107.10m Fed'l Spec. GGG-W-641e

Always wear eye protection when near tools in use.

1/2" Drive Black Oxide Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
20-973A	1.31	10.300	1.800	0.780	36

ASME B107.10m Fed'l Spec. GGG-W-641e



1/2" Drive Teardrop Quick Release Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
12-967A	1.31	10.300	1.800	0.780	36

ASME B107.10m Fed'l Spec. GGG-W-641e



1/2" Drive Teardrop Quick Release Flex Head Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
12-974A	2.25	16.750	1.800	0.780	36

ASME B107.10m Fed'l Spec. GGG-W-641e



1/2" Drive Round Head Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
12-915	1.73	10.480	1.750	1.300	45



1/2" Drive Round Head Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
12-916A	0.69	7.500	1.700	1.000	45



1/2" Drive Indexible Head Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of teeth
12-996	1.85	12.000	1.500	1.500	72



1/2" Drive Black Oxide Spud Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
12-907	1.80	14.000	1.625	0.875	24

ASME B107.10m Fed'l Spec. GGG-W-641e



1/2" Drive Scaffold Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth	Socket Size (in)	Socket Length (in)
12-988	2.28	11.500	1.635	0.875	36	7/8	2.156





1/2" Drive Breaker Bars

Product Number	Weight Lbs.	Overall Length (in)	Product Number	Weight Lbs.	Overall Length (in)
12-917	1.55	12.000	**12-917A***	1.51	15.000
12-918	1.97	17.000	**12-918A***	1.69	18.000

ASME B107.10m Fed'l Spec. GGG-W-641e *Knurled Handle



1/2" Drive Black Oxide Breaker Bar

Product Number	Weight Lbs.	Overall Length
20-918	1.86	17.000

ASME B107.10m Fed'l Spec. GGG-W-641e



1/2" Drive Extensions

Product Number	Weight Lbs.	Overall Length (in)	Product Number	Weight Lbs.	Overall Length (in)
12-921	0.24	2.000	**12-923A***	0.56	6.000
12-923	0.38	5.000	**12-924A***	0.94	10.000
12-924	0.67	10.000			
12-927	1.18	20.000			

ASME B107.10m Fed'l Spec. GGG-W-641e *No Knurling



12-920
4 Pc. 1/2" Drive Locking Extension Set

Contents: 4 Locking Extensions. Approximate Weight, 3.6 lbs.

Product Number	Length Inches	Product Number	Length Inches
12-931	3.000	12-937	10.000
12-936	5.000	12-939	15.000



1/2" Drive Locking Extensions

Product Number	Weight Lbs.	Length Inches (in)
12-931	0.35	3.000
12-936	0.60	5.000
12-937	1.05	10.000
12-939	1.55	16.000



12-989
3 Pc. 1/2" Drive Wobble Extension Set

Contents: 3 Wobble Extensions. Approximate Weight, 1.33 lbs.

Product Number	Length Inches
12-984	2.500
12-985	5.000
12-986	10.000



1/2" Drive Wobble Extensions

Product Number	Weight Lbs.	Length Inches (in)
12-984	0.28	2.500
12-985	0.38	5.000
12-986	0.67	10.000
12-987	1.18	20.000

Always wear eye protection when near tools in use.

1/2" Drive Speeder

Product Number	Weight Lbs.	Overall Length (in)	Product Number	Weight Lbs.	Overall Length (in)
12-935	2.02	19.000	**12-935A***	1.75	19.560

ASME B107.10m Fed'l Spec. GGG-W-641e *Knurled Handle



1/2" Drive T-Handle

Product Number	Weight Lbs.	Overall Length (in)
12-938	1.030	15.000

ASME B107.10m Fed'l Spec. GGG-W-641e



1/2" Drive Socket Spinner

Product Number	Weight Lbs.	Overall Length (in)
12-945	0.29	1.625



1/2" Drive Universal Joint

Product Number	Weight Lbs.
12-947	0.30

ASME B107.10m Fed'l Spec. GGG-W-641e



1/2" Drive Stud Remover, 1/2"-3/4" Stud Dia.

Product Number	Weight Lbs.
12-948	0.52



1/2" Drive Adapters

Product Number	Weight Lbs.	Description	Overall Length (in)
12-951	0.15	1/2"F. 3/8"M	1.400
12-952	0.34	1/2"F. 3/4"M	1.850

ASME B107.10m Fed'l Spec. GGG-w-641e



CAUTION:
Adapting down to a smaller drive size may result in excessive torque application, causing failure of fastener, socket or adapter.

1/2" Drive Ratchet Repair Kit

Product Number 20-966

Contains the following parts, with instructions, for repairing 12-907 Ratchet: Gear, 2 Springs, Shifting Lever, Shifter, 2 Pawls, Face Plate, 2 Plate Screws, and 2 Lock Washers. In plastic bag. Approximate weight, 0.28 lbs.

1/2" Drive Ratchet Repair Kit

Product Number 12-990

Contains the following parts, with illustrated instruction sheet, for repairing the 12-972, 12-973 or 20-972 Ratchets: Gear, Pawl, Shifting Lever, Spring, Ball, Cover Plate, 2 Cover Plate Screws. In cardboard box. Approximate weight, 0.31 pounds.

1/2" Drive Ratchet Repair Kit

Product Number 12-991

Contains the following parts, with illustrated instruction sheet, for repairing the 12-974 Flex Head Ratchet: Gear, Pawl, Shifting Lever, Spring, Ball, Cover Plate, 2 Cover Plate Screws, Groove Pin, Spring Washer. In cardboard box. Approximate weight, 0.16 pounds.

1/2" Drive Round Head Ratchet Repair Kit

Product Number 12-963

Contains the following parts, with instruction sheet, for repairing 12-915 Ratchet: Reversing Lever Plate, Retaining Spring, Gear Unit.

1/2" Drive Armstrong Maxx Ratchet Repair Kit

Product Number 12-982

Contains the following parts, with instruction sheet, for repairing 12-992 and 12-994 Ratchets: Gear, Pawl, Shifting Lever, Spring, Retaining Plate and Rings, and 2 O-Rings.

1/2" Drive Indexible Ratchet Repair Kit

Product Number 12-983

Contains the following parts, with instructions, for repairing 12-996 Ratchet: Square Drive, Heart-Shaped Spring, Reversing Cap, Central Screw and Ratchet Lube.

SAFETY NOTICE

Since ratchets include moving parts, periodic inspection and, if necessary, cleaning, lubrication with a light grade oil, and replacement of worn parts will become necessary. Parts should not be replaced individually, but rather in total, and complete Ratchet Repair Kits are available.

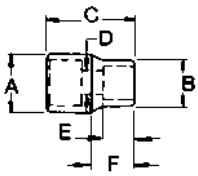
Always wear eye protection when near tools in use.

3/4" Drive 12 Point Standard Length Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
13-124	3/4	0.32	1.290	1.187	1.900	0.625	0.540	0.813
13-126	13/16	0.37	1.295	1.295	1.937	0.625	0.540	-
13-128	7/8	0.38	1.375	1.375	1.968	0.688	0.540	-
13-130	15/16	0.43	1.390	1.390	1.968	0.688	0.650	-
13-132	1	0.57	1.480	1.480	2.000	0.688	0.650	-
13-134	1-1/16	0.63	1.540	1.540	2.094	0.688	0.650	-
13-136	1-1/8	0.69	1.540	1.640	2.125	1.062	0.750	0.625
13-138	1-3/16	0.75	1.540	1.640	2.188	1.062	0.750	0.625
13-140	1-1/4	0.70	1.573	1.853	2.170	1.250	1.000	1.370
13-142	1-5/16	0.80	1.573	1.903	2.233	1.312	1.100	1.410
13-144	1-3/8	0.80	1.573	1.903	2.233	1.375	1.100	1.410
13-146	1-7/16	0.80	1.573	2.063	2.295	1.440	1.200	1.390
13-148	1-1/2	0.90	1.603	2.098	2.295	1.500	1.200	1.390
13-150	1-9/16	0.90	1.648	2.098	2.420	1.560	1.200	1.540
13-152	1-5/8	0.90	1.633	2.213	2.485	1.620	1.200	1.540
13-154	1-11/16	1.00	1.633	2.313	2.485	1.680	1.200	1.490
13-156	1-3/4	1.10	1.663	2.393	2.640	1.750	1.300	1.620
13-158	1-13/16	1.20	1.758	2.495	2.795	1.810	1.400	1.770
13-160	1-7/8	1.40	1.758	2.590	2.860	1.880	1.500	1.780
13-164	2	1.40	1.758	2.690	2.985	2.000	1.600	1.860
13-166	2-1/16	1.90	1.948	2.730	3.015	2.060	1.600	1.960
13-168	2-1/8	2.00	1.948	2.855	3.045	2.120	1.600	1.930
13-170	2-3/16	2.00	1.948	2.855	3.045	2.180	1.700	1.930
13-172	2-1/4	2.30	1.948	3.030	3.170	2.250	1.700	1.970
13-174	2-5/16	2.30	1.948	3.020	3.235	2.310	1.700	2.040
13-176	2-3/8	2.40	1.948	3.030	3.235	2.380	1.700	2.030

ASME B107.1 Fed'l Spec. GGG-W-641e





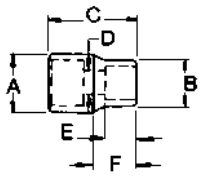
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3/4" Drive 12 Point Deep Sockets

Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
13-328	7/8	0.71	1.375	1.375	3.375	0.840	1.000	-
13-330	15/16	0.72	1.390	1.390	3.375	0.840	1.000	-
13-332	1	0.81	1.480	1.480	3.375	0.880	1.150	-
13-334	1-1/16	0.91	1.540	1.540	3.500	0.880	1.150	-
13-336	1-1/8	1.10	1.625	1.625	3.500	0.796	0.875	-
13-340	1-1/4	1.18	1.562	1.750	3.500	1.060	1.150	0.625
13-342	1-5/16	1.23	1.562	1.875	3.500	1.280	1.250	0.625
13-344	1-3/8	1.37	1.562	1.875	3.500	1.300	1.250	0.625
13-346	1-7/16	1.40	1.562	2.000	3.500	1.300	1.250	0.625
13-348	1-1/2	1.74	1.562	2.010	3.500	1.300	1.250	0.625
13-352	1-5/8	2.12	2.250	2.250	3.500	1.046	1.187	-

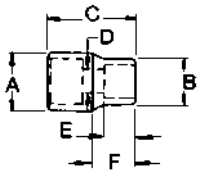
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EYE-D™





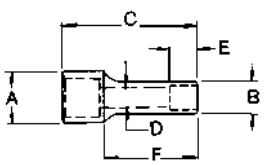
EYE-D

3/4" Drive 12 Point Standard Length Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
40-119	19	145	32.8	30.1	49.2	14.3	15.2	20.7
40-120	20	154	32.8	30.9	49.2	14.3	15.2	22.2
40-121	21	163	32.9	32.9	50.0	17.5	15.2	-
40-122	22	172	34.8	34.8	50.0	17.5	15.2	-
40-123	23	186	35.3	35.3	50.0	17.5	15.2	-
40-124	24	195	35.3	35.3	50.0	19.1	15.9	-
40-125	25	227	37.6	37.6	50.8	19.1	17.0	-
40-126	26	254	37.6	37.6	52.3	19.1	17.8	-
40-127	27	286	39.1	39.1	53.2	19.1	17.8	-
40-128	28	314	38.1	40.6	53.8	20.6	19.1	15.9
40-129	29	319	38.1	41.7	53.8	20.6	19.1	15.9
40-130	30	336	38.1	41.7	55.6	27.0	19.1	15.9
40-132	32	317	39.8	46.2	55.1	32.0	27.9	35.1
40-135	35	317	39.9	48.3	56.8	35.0	27.9	35.8
40-136	36	408	39.9	51.4	58.3	36.0	27.9	35.8
40-138	38	408	41.5	53.2	59.9	38.0	30.5	37.3
40-141	41	408	40.7	56.1	63.9	41.0	33.0	39.4
40-142	42	454	41.5	56.1	64.6	42.0	33.0	40.5
40-146	46	544	44.6	63.4	71.0	46.0	35.6	44.8
40-150	50	726	44.6	66.2	75.8	50.0	35.6	48.3
40-154	54	907	49.3	72.5	77.2	54.0	35.6	49.0
40-155	55	907	49.3	72.5	79.8	55.0	38.1	51.4
40-158	58	998	49.3	75.3	82.2	58.0	43.2	52.4
40-160	60	1043	49.3	79.5	82.2	60.0	43.2	50.3

ASME B107.5m





EYE-D

3/4" Drive 12 Point Deep Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
40-319	19	295	33.4	28.4	85.7	18.5	14.3	34.9
40-322	22	322	33.4	33.4	85.7	21.3	25.4	-
40-323	23	326	34.9	34.9	85.7	21.3	25.4	-
40-324	24	340	34.9	34.9	85.7	21.3	25.4	-
40-327	27	413	38.9	38.9	88.9	21.3	25.4	-
40-330	30	522	42.8	42.8	88.9	22.6	20.6	-
40-332	32	535	39.7	44.5	88.9	26.9	28.6	19.1
40-335	35	608	39.7	47.6	88.9	33.0	28.6	19.1
40-336	36	621	39.7	49.2	88.9	33.0	28.6	19.1
40-338	38	748	47.6	50.8	88.9	33.0	28.6	19.1
40-341	41	953	41.3	57.1	88.9	30.2	33.3	-
40-346	46	1524	44.5	62.0	88.9	33.3	36.5	-
40-350	50	2046	44.5	68.2	101.6	36.5	36.5	-
40-355	55	2731	49.3	76.2	108.0	39.7	38.1	-
40-360	60	3670	49.3	82.6	114.3	41.3	44.5	-

ASME B107.5m

Always wear eye protection when near tools in use.

3/4" Drive Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
13-972	5.20	19.000	2.500	2.000	24



3/4" Drive Black Oxide Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
21-972	5.20	19.000	2.500	2.000	24



3/4" Drive Quick Release Teardrop Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
13-972A	5.38	19.690	2.500	2.280	36



3/4" Drive Breaker Bar

Product Number	Weight Lbs.	Overall Length (in)
13-918	4.54	22.000

ASME B107.10m Fed'l Spec. GGG-W-641e



3/4" Drive Black Oxide Breaker Bar

Product Number	Weight Lbs.	Overall Length (in)
21-918	4.69	22.000

ASME B107.10m Fed'l Spec. GGG-W-641e





3/4" Drive Extensions

Product Number	Weight Lbs.	Overall Length (in)
13-922	1.10	5.000
13-923	1.77	8.000
13-925	3.41	16.000

ASME B107.10m Fed'l Spec. GGG-W-641e



3/4" Drive T-Handle

Product Number	Weight Lbs.	Overall Length (in)
13-938	2.58	20.000

ASME B107.10m Fed'l Spec. GGG-W-641e



3/4" Drive Universal Joint

Product Number	Weight Lbs.	Overall Length (in)
13-947	1.30	4.156

ASME B107.10m Fed'l Spec. GGG-W-641e



3/4" Drive Adapters

Product Number	Weight Lbs.	Description	Overall Length (in)
13-951	0.45	3/4"F, 1/2"M	2.093
13-952	0.72	3/4"F, 1"M	2.550

ASME B107.10m Fed'l Spec. GGG-W-641e

CAUTION:

Adapting down to a smaller drive size may result in excessive torque application, causing failure of fastener, socket or adapter.

3/4" Drive Ratchet Repair Kit

Product Number 13-990

Contains the following parts, with instructions, for repairing 13-972 and 21-972 Ratchets: Gear, Spring, Ball, Reversing Lever, Pawl, Cover Plate, and 2 Cover Plate Screws.

SAFETY NOTICE

Since ratchets include moving parts, periodic inspection and, if necessary, cleaning, lubrication with a light grade oil, and replacement of worn parts will become necessary. Parts should not be replaced individually, but rather in total, and complete Ratchet Repair Kits are available.

Always wear eye protection when near tools in use.

1" Drive 12 Point Standard Length Sockets



Product Number	Opening Inches	Weight Lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Wrench Depth (in)	E Length to Shoulder (in)
14-134	1-1/16	0.60	1.638	1.638	2.265	1.000	0.620
14-136	1-1/8	0.70	1.693	1.693	2.265	1.094	0.656
14-140	1-1/4	0.90	1.823	1.823	2.265	1.219	0.750
14-142	1-5/16	0.90	1.888	1.888	2.325	1.281	0.765
14-144	1-3/8	0.90	1.758	1.945	2.420	1.370	1.094
14-146	1-7/16	1.00	1.758	2.005	2.485	1.440	1.312
14-148	1-1/2	1.10	1.758	2.130	2.545	1.500	1.156
14-152	1-5/8	1.10	1.758	2.255	2.670	1.620	1.312
14-154	1-11/16	1.40	1.945	2.385	2.735	1.680	1.375
14-156	1-3/4	1.60	1.945	2.505	2.795	1.750	1.406
14-158	1-13/16	1.60	1.945	2.570	2.860	1.810	1.438
14-160	1-7/8	1.90	2.258	2.635	2.920	1.880	1.562
14-164	2	2.00	2.258	2.755	2.985	2.000	1.468
14-168	2-1/8	2.30	2.258	2.945	3.045	2.120	1.562
14-170	2-3/16	2.40	2.308	3.005	3.265	2.180	1.688
14-172	2-1/4	2.50	2.258	3.070	3.265	2.250	1.688
14-176	2-3/8	2.90	2.258	3.250	3.310	2.370	1.656
14-180	2-1/2	2.90	2.258	3.375	3.435	2.500	1.750
14-182	2-9/16	2.90	2.258	3.380	3.495	2.560	1.844
14-184	2-5/8	3.30	2.258	3.565	3.560	2.620	1.875
14-188	2-3/4	4.20	2.680	3.715	3.810	2.750	2.062
14-194	2-15/16	4.80	2.680	3.960	3.870	2.930	2.156
14-196	3	4.80	2.680	4.020	4.185	3.000	2.468
14-200	3-1/8	5.40	2.680	4.180	4.185	3.120	2.438
14-212	3-1/2	7.30	2.680	4.545	4.495	3.500	2.625

ASME B107.1 Fed'l Spec. GGG-W-641e

1" Drive Ratchet



Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
14-906	10.97	30.000	3.750	1.375	24

ASME B107.10m Fed'l Spec. GGG-W-641e

1" Drive Black Oxide Ratchet



Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
22-906	10.65	30.000	3.750	1.375	24

ASME B107.10m Fed'l Spec. GGG-W-641e

1" Drive Breaker Bar



Product Number	Weight Lbs.	Overall Length (in)
14-918	8.90	26.250

ASME B107.10m Fed'l Spec. GGG-W-641e

1" Drive Extensions



Product Number	Weight Lbs.	Overall Length (in)
14-924	3.40	9.000
14-926	6.80	18.000

ASME B107.10m Fed'l Spec. GGG-W-641e



1" Drive Sliding Handle and Adapter

Product Number	Weight Lbs.	Overall Length (in)
14-938	5.88	20.000



1" Drive Sliding Handle

Product Number	Weight Lbs.	Overall Length (in)
14-939	4.51	20.000

ASME B107.10m Fed'l Spec. GGG-W-641e



1" Drive Adapter for 14-939 Handle

Product Number	Weight Lbs.
14-940	1.37

ASME B107.10m Fed'l Spec. GGG-W-641e



1" Drive Adapter

Product Number	Weight Lbs.	Description	Overall Length (in)
14-951	0.89	1"F, 3/4"M	2.625

ASME B107.10m Fed'l Spec. GGG-W-641e

CAUTION:
Adapting down to a smaller drive size may result in excessive torque application, causing failure of fastener, socket or adapter.

1" Drive Ratchet Repair Kit

Product Number 14-966
Contains the following parts, with instructions, for repairing 14-906 and 22-906 Ratchet: Gear, 2 Springs, Shifting Lever, Shifter, 2 Pawls, Face Plate, 2 Plate Screws, and 2 Lock Washers. In plastic bag. Approximate weight, 2.05 pounds.



1-1/2" Drive Black Oxide Ratchet

Product Number	Weight Lbs.	Overall Length (in)	Head Width (in)	Head Depth (in)	Number of Teeth
23-906	11.03	30.000	3.750	1.375	24

ASME B107.10m Fed'l Spec. GGG-W-641e

SAFETY NOTICE
Since ratchets include moving parts, periodic inspection and, if necessary, cleaning, lubrication with a light grade oil, and replacement of worn parts will become necessary. Parts should not be replaced individually, but rather in total, and complete Ratchet Repair Kits are available.

1-1/2" Drive Ratchet Repair Kit

Product Number 23-966
Contains the following parts, with instructions, for repairing 23-906 Ratchet: Gear, 2 Springs, Shifting Lever, Shifter, 2 Pawls, Face Plate, 2 Plate Screws, and 2 Lock Washers. In Plastic Bag. Approximate weight, 2.47 lbs.

Always wear eye protection when near tools in use.

Impact Socket Sets 1/4" to 3/4" Drive
Impact Sockets - Standard and Deep 1/4" to 2-1/2" Drive
Impact Accessories 3/8" to 2-1/2" Drive
Impact Hex Bit Sockets 3/4" Drive
Power Sockets 1/4" to 1/2" Drive
No. 5 Spline Drive Sockets

IMPACT SOCKETS

For use with impact drivers. Use with power drivers or hardened fasteners may result in excessive, premature wear. Approved eye protection must always be worn when near power equipment in operation.

STRENGTH
Socket wall dimensions are optimized to provide strength while providing access to restricted fasteners



SPEED & SAFETY
Pinless design provides strength and safety that traditional ball and pin designs cannot offer

SPEED
EYE-D markings optimize size identification, and provide SAE / Metric differentiation

STRENGTH
Manufactured from high alloy steel and most up-to-date manufacturing processes for greater strength and durability

POWER SOCKETS

For use with power drivers, not with impact tools
Approved eye protection must always be worn when near power equipment in operation



STRENGTH
Manufactured from high alloy steel and most up-to-date manufacturing processes for greater strength and durability



SPEED & SAFETY
Pinless design provides strength and safety that traditional ball and pin designs cannot offer

STRENGTH
Drive end is made from tool steel for uncompromising strength and resistance to wear



EYE-D

Set 18-890
11 Pc. 6 Point 1/4" Drive Impact Socket Set

Includes Socket Bar 16-831 and (10) Socket Clips 16-841.

Approximate Weight, 0.57 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
18-606	3/16	18-612	3/8
18-607	7/32	18-614	7/16
18-608	1/4	18-616	1/2
18-609	9/32	18-618	9/16
18-610	5/16	18-620	5/8
18-611	11/32		



EYE-D

Set 45-890 METRIC
12 Pc. 6 Point 1/4" Drive Impact Socket Set

Includes Socket Bar 16-831 and (10) Socket Clips 16-841.

Approximate Weight, 0.65 lbs. (295 g)

Product Number	Opening, mm	Product Number	Opening, mm
45-004	4	45-010	10
45-005	5	45-011	11
45-083	5.5	45-012	12
45-006	6	45-013	13
45-007	7	45-014	14
45-008	8	45-015	15
45-009	9		

Always wear eye protection when near tools in use.

Set 19-890
9 Pc. 6 Point 3/8" Drive Impact Socket Set

Includes Socket Bar 16-831 and (10) Socket Clips 16-843.

Approximate Weight, 1.00 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
19-608	1/4	19-618	9/16
19-610	5/16	19-620	5/8
19-612	3/8	19-622	11/16
19-614	7/16	19-624	3/4
19-616	1/2		



EYE-D

Set 19-895
9 Pc. 6 Point 3/8" Drive Deep Impact Socket Set

Includes Socket Bar 16-831 and (9) Socket Clips 16-843.

Approximate Weight, 1.25 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
19-708	1/4	19-718	9/16
19-710	5/16	19-720	5/8
19-712	3/8	19-722	11/16
19-714	7/16	19-724	3/4
19-716	1/2		



EYE-D

Set 19-894
7 Pc. 6 Point 3/8" Drive Armstrong Maxx Universal Impact Socket Set

Unique Pinless Reversed Ball design for maximum strength and durability. True 360° rotation of socket end for extended range of motion, long life and smooth operation. Includes Socket Bar 16-831 and (10) Socket Clips 16-843.

Approximate Weight, 1.00 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
19-562	3/8	19-570	5/8
19-564	7/16	19-572	11/16
19-566	1/2	19-574	3/4
19-568	9/16		



EYE-D



EYE-D

Set 46-891 — METRIC
16 Pc. 6 Point 3/8" Drive Impact Socket Set

Includes Socket Bar 16-835 and (20) Socket Clips 16-843.

Approximate Weight, 1.60 lbs. (726 g)

Product Number	Opening, mm	Product Number	Opening, mm
46-607	7	46-615	15
46-608	8	46-616	16
46-609	9	46-617	17
46-610	10	46-618	18
46-611	11	46-619	19
46-612	12	46-620	20
46-613	13	46-621	21
46-614	14	46-622	22



EYE-D

Set 46-890 — METRIC
11 Pc. 6 Point 3/8" Drive Impact Socket Set

Includes Socket Bar 16-831 and (20) Socket Clips 16-843.

Approximate Weight, 1.25 lbs. (567 g)

Product Number	Opening, mm	Product Number	Opening, mm
46-607	7	46-613	13
46-608	8	46-614	14
46-609	9	46-615	15
46-610	10	46-616	16
46-611	11	46-617	17
46-612	12		



EYE-D

Set 46-898 — METRIC
11 Pc. 6 Point 3/8" Drive Deep Impact Socket Set

Includes Socket Bar 16-831 and (20) Socket Clips 16-843.

Approximate Weight, 1.80. lbs. (816 g)

Product Number	Opening, mm	Product Number	Opening, mm
46-707	7	46-713	13
46-708	8	46-714	14
46-709	9	46-715	15
46-710	10	46-716	16
46-711	11	46-717	17
46-712	12		



EYE-D

Set 46-910 — METRIC
10 Pc. 6 Point 3/8" Drive Armstrong Maxx Universal Impact Socket Set

Unique Pinless Reversed Ball design for maximum strength and durability. True 360˚ rotation of socket end for extended range of motion, long life, and smooth operation.

Includes Socket Bar 16-831 and (10) Socket Clips 16-843.

Approximate Weight, 2.70 lbs. (1,225 g)

Product Number	Opening, mm	Product Number	Opening, mm
46-110	10	46-115	15
46-111	11	46-116	16
46-112	12	46-117	17
46-113	13	46-118	18
46-114	14	46-119	19

Always wear eye protection when near tools in use.

Set 20-889
6 Pc. 6 Point 1/2" Drive Impact Socket Set

Includes Socket Bar 16-831 and (10) Socket Clips 16-845.

Approximate Weight, 1.54 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
20-016	1/2	20-022	11/16
20-018	9/16	20-024	3/4
20-020	5/8	20-026	13/16



EYE-D

Set 20-897
8 Pc. 6 Point 1/2" Drive Deep Impact Socket Set

Includes Socket Bar 16-831 and (8) Socket Clips 16-845.

Approximate Weight, 5.09 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
20-216	1/2	20-224	3/4
20-218	9/16	20-226	13/16
20-220	5/8	20-228	7/8
20-222	11/16	20-230	15/16



EYE-D

Set 20-899
9 Pc. 6 Point 1/2" Drive Armstrong Maxx Universal Impact Socket Set

Unique Pinless Reversed Ball design for maximum strength and durability. True 360˚ rotation of socket end for extended range of motion, long life and smooth operation.

Includes Socket Bar 16-834 and (10) Socket Clips 16-845.

Approximate Weight, 4.00 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
20-566	1/2	20-576	13/16
20-568	9/16	20-578	7/8
20-570	5/8	20-580	15/16
20-572	11/16	20-582	1
20-574	3/4		



EYE-D



EYE-D

Set 20-893
11 Pc. 6 Point 1/2" Drive Impact Socket Set

Includes Socket Bar 16-835 and (20) Socket Clips 16-845.

Approximate Weight, 5.10 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
20-016	1/2	20-028	7/8
20-018	9/16	20-030	15/16
20-020	5/8	20-032	1
20-022	11/16	20-034	1-1/16
20-024	3/4	20-036	1-1/8
20-026	13/16		



EYE-D

Set 20-894
11 Pc. 6 Point 1/2" Drive Impact Socket Set with Plastic Socket Rail

Includes Plastic Socket Rail 16-838 and (15) Socket Clips 16-848.

Approximate Weight, 5.10 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
20-016	1/2	20-028	7/8
20-018	9/16	20-030	15/16
20-020	5/8	20-032	1
20-022	11/16	20-034	1-1/16
20-024	3/4	20-036	1-1/8
20-026	13/16		

Always wear eye protection when near tools in use.

Set 20-891A
14 Pc. 6 Point 1/2" Drive Impact Socket Set



Includes Socket Bar with Clips.
Approximate Weight, 5.5 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
20-012A	3/8	20-026A	13/16
20-014A	7/16	20-028A	7/8
20-016A	1/2	20-030A	15/16
20-018A	9/16	20-032A	1
20-020A	5/8	20-034A	1-1/16
20-022A	11/16	20-036A	1-1/8
20-024A	3/4	20-040A	1-1/4

Set 20-895A
14 Pc. 6 Point 1/2" Drive Deep Impact Socket Set



Includes Socket Bar with Clips.
Approximate Weight, 9.75 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
20-212A	3/8	20-226A	13/16
20-214A	7/16	20-228A	7/8
20-216A	1/2	20-230A	15/16
20-218A	9/16	20-232A	1
20-220A	5/8	20-234A	1-1/16
20-222A	11/16	20-236A	1-1/8
20-224A	3/4	20-240A	1-1/4



EYE-D

Set 47-893 — METRIC
14 Pc. 6 Point 1/2" Drive Impact Socket Set

Includes Socket Bar 16-835 and (20) Socket Clips 16-845.

Approximate Weight, 3.77 lbs. (1695 g)

Product Number	Opening, mm	Product Number	Opening, mm
47-010	10	47-017	17
47-011	11	47-018	18
47-012	12	47-019	19
47-013	13	47-020	20
47-014	14	47-021	21
47-015	15	47-022	22
47-016	16	47-024	24



EYE-D

Set 47-897 — METRIC
14 Pc. 6 Point 1/2" Drive Deep Impact Socket Set

Includes Socket Bar 16-835 and (20) Socket Clips 16-845.

Approximate Weight, 7.89 lbs. (3,550 g)

Product Number	Opening, mm	Product Number	Opening, mm
47-210	10	47-217	17
47-211	11	47-218	18
47-212	12	47-219	19
47-213	13	47-220	20
47-214	14	47-221	21
47-215	15	47-222	22
47-216	16	47-224	24



EYE-D

Set 47-913 — METRIC
13 Pc. 6 Point 1/2" Drive Armstrong Maxx Universal Impact Socket Set

Unique Pinless Reversed Ball design for maximum strength and durability. True 360˚ rotation of socket end for extended range of motion, long life and smooth operation.

Includes Socket Bar 16-834 and (20) Socket Clips 16-845.

Approximate Weight, 6.10 lbs. (2,767 g)

Product Number	Opening, mm	Product Number	Opening, mm
47-110	10	47-117	17
47-111	11	47-118	18
47-112	12	47-119	19
47-113	13	47-121	21
47-114	14	47-122	22
47-115	15	47-124	24
47-116	16		

Always wear eye protection when near tools in use.

Set 21-893
14 Pc. 6 Point 3/4" Drive Impact Socket Set

Includes (2) Socket Bars 16-835 and (20) Socket Clips 16-847.
Approximate Weight, 16.25 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
21-024	3/4	21-038	1-3/16
21-026	13/16	21-040	1-1/4
21-028	7/8	21-042	1-5/16
21-030	15/16	21-044	1-3/8
21-032	1	21-046	1-7/16
21-034	1-1/16	21-048	1-1/2
21-036	1-1/8	21-052	1-5/8



Set 21-899
5 Pc. 3/4" Drive Hex Bit Impact Socket Set

Includes Socket Bar 16-831 and (10) Socket Clips 16-847.
Approximate Weight, 4.66 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
21-718	9/16	21-723	7/8
21-719	5/8	21-725	1
21-721	3/4		



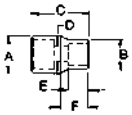
Set 48-893 METRIC
12 Pc. 6 Point 3/4" Drive Impact Socket Set

Includes 2 Socket Bars 16-834 and (20) Socket Clips 16-847.
Approximate Weight, 13.6 lbs. (6.1 kg)

Product Number	Opening, mm	Product Number	Opening, mm
48-019	19	48-027	27
48-020	20	48-030	30
48-021	21	48-032	32
48-022	22	48-036	36
48-023	23	48-041	41
48-024	24	48-046	46





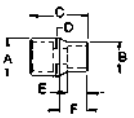


6 Point 1/4" Drive Thin Wall Power Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
18-006	3/16	0.02	0.450	0.310	0.820	0.126	0.170	0.380
18-007	7/32	0.02	0.450	0.345	0.820	0.126	0.170	0.380
18-008	1/4	0.02	0.450	0.390	0.820	0.141	0.180	0.380
18-009	9/32	0.03	0.450	0.425	0.820	0.172	0.190	0.380
18-010	5/16	0.02	0.465	0.465	0.820	0.172	0.260	-
18-011	11/32	0.02	0.500	0.500	0.820	0.203	0.280	-
18-012	3/8	0.03	0.555	0.555	0.820	-	0.500	-
18-014	7/16	0.04	0.615	0.615	0.820	-	0.500	-
18-016	1/2	0.06	0.680	0.680	0.820	-	0.500	-

Suitable for hand use, or limited-clearance power applications only. ASME B107.3 Fed'l Spec. GGG-W-660a



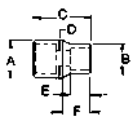


6 Point 1/4" Drive Power Sockets For Self-Tapping Screws

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
18-036	3/16	0.02	0.500	0.320	0.880	-	0.160	0.370
18-038	1/4	0.03	0.500	0.380	0.880	-	0.160	0.370
18-039	9/32	0.03	0.500	0.430	1.000	-	0.190	0.370
18-040	5/16	0.03	0.500	0.500	1.000	-	0.190	-
18-042	3/8	0.07	0.630	0.630	1.000	-	0.280	-
18-044	7/16	0.07	0.630	0.630	1.000	-	0.280	-
18-046	1/2	0.08	0.680	0.680	1.000	-	0.340	-

ASME B107.3 Fed'l Spec. GGG-W-660a

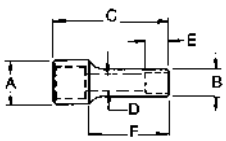




6 Point 1/4" Drive Magnetic Power Sockets For Self-Tapping Screws

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
18-076	3/16	0.03	0.500	0.320	0.880	-	0.160	0.370
18-078	1/4	0.03	0.500	0.380	0.880	-	0.160	0.370
18-079	9/32	0.03	0.500	0.430	1.000	-	0.190	0.370
18-080	5/16	0.03	0.500	0.500	1.000	-	0.190	-
18-081	11/32	0.05	0.500	0.500	1.000	-	0.190	-
18-082	3/8	0.06	0.630	0.630	1.000	-	0.250	-
18-084	7/16	0.07	0.630	0.630	1.000	-	0.280	-
18-086	1/2	0.09	0.680	0.680	1.000	-	0.340	-





6 Point 1/4" Drive Deep Thin Wall Power Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
18-206	3/16	0.04	0.450	0.310	1.940	0.126	0.230	0.870
18-208	1/4	0.04	0.450	0.388	1.940	0.172	0.219	0.870
18-209	9/32	0.05	0.450	0.425	1.940	0.172	0.230	0.870
18-210	5/16	0.05	0.450	0.450	1.940	0.200	0.680	-
18-211	11/32	0.06	0.500	0.500	1.940	0.250	0.680	-
18-212	3/8	0.08	0.550	0.550	1.940	0.344	0.950	-
18-214	7/16	0.10	0.615	0.615	1.940	0.297	0.950	-
18-216	1/2	0.12	0.680	0.680	1.940	0.344	0.950	-

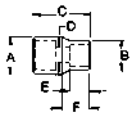
Suitable for hand use, or limited-clearance power applications only. ASME B107.3 Fed'l Spec. GGG-W-660a

Always wear eye protection when near tools in use.

6 Point 1/4" Drive Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
18-606	3/16	0.03	0.500	0.302	0.845	0.130	0.300	0.295
18-607	7/32	0.03	0.500	0.338	0.845	0.190	0.300	0.295
18-608	1/4	0.03	0.500	0.374	0.845	0.190	0.345	0.265
18-609	9/32	0.03	0.490	0.490	0.875	0.240	0.375	-
18-610	5/16	0.03	0.500	0.500	0.875	0.240	0.375	-
18-611	11/32	0.03	0.530	0.530	0.875	0.240	0.375	-
18-612	3/8	0.04	0.575	0.575	0.875	0.376	0.500	-
18-614	7/16	0.05	0.655	0.655	0.875	0.438	0.500	-
18-616	1/2	0.06	0.725	0.725	0.875	0.501	0.500	-
18-618	9/16	0.07	0.780	0.780	0.875	0.564	0.500	-
18-620	5/8	0.09	0.860	0.860	1.000	0.626	0.625	-





EYE-D

1/4" Drive Power Extensions

Product Number	Weight lbs.	Overall Length
18-921	0.06	2.000
18-923	0.14	6.000



1/4" Drive Locking Impact Extensions

Product Number	Weight lbs.	Overall Length
18-935	0.10	3.000
18-936	0.20	6.000
18-937	0.40	12.000
18-938	0.50	18.000
18-939	0.60	24.000



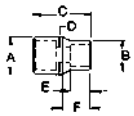
5 Pc. 1/4" Drive Impact Extension Set

18-940	2.10

6 Point 1/4" Drive Impact Sockets — METRIC

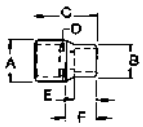
Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
45-004	4	14	12.7	6.7	21.5	3.2	7.6	7.5
45-005	5	14	12.7	7.9	21.5	4.8	7.6	7.5
45-083	5.5	14	12.7	8.5	21.5	4.8	7.6	7.5
45-006	6	14	12.7	9.1	21.5	4.8	8.8	6.7
45-007	7	14	12.7	10.2	21.5	6.1	9.5	7.3
45-008	8	16	13.5	13.5	22.2	6.1	9.5	-
45-009	9	16	13.8	13.8	22.2	6.1	9.5	-
45-010	10	21	15.6	15.6	22.2	10.0	12.7	-
45-011	11	23	16.6	16.6	22.2	11.0	12.7	-
45-012	12	24	17.3	17.3	22.2	12.0	12.7	-
45-013	13	30	19.0	19.0	22.2	13.0	12.7	-
45-014	14	32	19.8	19.8	22.2	14.0	12.7	-
45-015	15	43	21.6	21.6	25.4	15.0	15.9	-





EYE-D





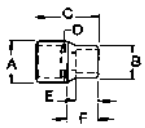
EYE-D

6 Point 3/8" Drive Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
19-608	1/4	0.10	0.693	0.406	1.102	0.236	0.157	0.453
19-610	5/16	0.10	0.693	0.472	1.102	0.276	0.157	0.453
19-611	11/32	0.10	0.693	0.508	1.102	0.327	0.197	0.453
19-612	3/8	0.10	0.693	0.583	1.102	0.327	0.197	0.453
19-614	7/16	0.10	0.693	0.693	1.102	0.335	0.236	-
19-616	1/2	0.10	0.783	0.783	1.102	0.394	0.276	-
19-618	9/16	0.20	0.858	0.858	1.102	0.433	0.315	-
19-620	5/8	0.20	0.933	0.933	1.102	0.488	0.354	-
19-622	11/16	0.20	1.008	1.008	1.102	0.488	0.354	-
19-624	3/4	0.22	1.047	1.047	1.102	0.591	0.394	-
19-626	13/16	0.26	1.250	1.250	1.140	0.609	0.625	-
19-628	7/8	0.29	1.312	1.312	1.180	0.672	0.625	-
19-630	15/16	0.32	1.375	1.375	1.180	0.672	0.625	-
19-632	1	0.35	1.438	1.438	1.250	0.672	0.625	-

ASME B107.2 Fed'l Spec. GGG-W-660a

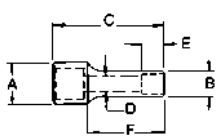




6 Point 3/8" Drive Magnetic Power Sockets For Self-Tapping Screws

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
19-080	5/16	0.06	0.750	0.500	1.250	-	0.190	0.500
19-082	3/8	0.06	0.750	0.590	1.250	-	0.190	0.500
19-084	7/16	0.07	0.750	0.690	1.500	-	0.280	0.630
19-086	1/2	0.08	0.810	0.810	1.500	-	0.340	-
19-088	9/16	0.10	0.880	0.880	1.500	-	0.430	-





EYE-D

6 Point 3/8" Drive Deep Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
19-708	1/4	0.20	0.693	0.406	2.480	0.354	0.276	0.453
19-709	9/32	0.20	0.693	0.460	2.480	0.281	0.295	0.453
19-710	5/16	0.20	0.693	0.472	2.480	0.354	0.315	0.453
19-711	11/32	0.20	0.693	0.544	2.480	0.313	0.350	0.453
19-712	3/8	0.20	0.693	0.583	2.480	0.354	0.394	0.453
19-714	7/16	0.20	0.693	0.697	2.480	0.402	0.433	-
19-716	1/2	0.21	0.783	0.783	2.480	0.433	0.512	-
19-718	9/16	0.30	0.874	0.874	2.795	0.555	0.472	-
19-720	5/8	0.34	0.933	0.933	2.795	0.591	0.512	-
19-722	11/16	0.38	1.008	1.008	2.795	0.665	0.551	-
19-724	3/4	0.40	1.043	1.043	2.795	0.717	0.591	-
19-726	13/16	0.58	1.250	1.250	2.795	0.752	0.777	-
19-728	7/8	0.68	1.312	1.312	2.795	0.752	0.856	-
19-730	15/16	0.82	1.375	1.375	2.795	0.672	0.625	-
19-732	1	0.90	1.438	1.438	2.795	0.672	0.688	-

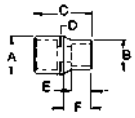
ASME B107.2 Fed'l Spec. GGG-W-660a

Always wear eye protection when near tools in use.

8 Point 3/8" Drive Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
19-408	1/4	0.07	0.685	0.480	1.000	0.240	0.200	0.470
19-414	7/16	0.10	0.812	0.812	1.000	0.453	0.340	-
19-416	1/2	0.13	0.937	0.937	1.000	0.531	0.340	-
19-418	9/16	0.17	1.030	1.030	1.060	0.594	0.400	-



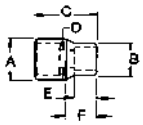


EYE-D

12 Point 3/8" Drive Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
19-810	5/16	0.07	0.693	0.472	1.102	0.276	0.157	0.448
19-812	3/8	0.07	0.693	0.583	1.102	0.327	0.197	0.448
19-814	7/16	0.08	0.693	0.693	1.102	0.335	0.236	-
19-816	1/2	0.10	0.783	0.783	1.102	0.394	0.276	-
19-818	9/16	0.12	0.858	0.858	1.102	0.433	0.315	-
19-820	5/8	0.14	0.933	0.933	1.102	0.488	0.354	-
19-822	11/16	0.17	1.008	1.008	1.102	0.488	0.354	-
19-824	3/4	0.17	1.047	1.047	1.102	0.591	0.394	-
19-826	13/16	0.25	1.250	1.250	1.140	0.609	0.625	-
19-828	7/8	0.29	1.312	1.312	1.180	0.672	0.625	-
19-830	15/16	0.31	1.375	1.375	1.180	0.672	0.625	-
19-832	1	0.36	1.438	1.438	1.250	0.672	0.625	-





EYE-D

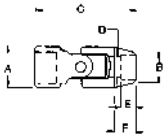
6 Point 3/8" Drive Armstrong Maxx Universal Impact Sockets

Unique Pinless Reversed Ball design for maximum strength and durability. True 360˚ rotation of socket end for extended range of motion, long life and smooth operation. Maximum operating angle is 30˚.

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)
19-562	3/8	0.22	0.969	0.562	2.188	0.500	0.500
19-564	7/16	0.22	0.969	0.672	2.188	0.500	0.500
19-566	1/2	0.23	0.969	0.750	2.188	0.500	0.500
19-568	9/16	0.25	0.969	0.828	2.188	0.500	0.500
19-570	5/8	0.25	0.969	0.906	2.188	0.500	0.500
19-572	11/16	0.27	0.969	1.000	2.188	0.500	0.500
19-574	3/4	0.28	0.969	1.062	2.188	0.500	0.500

ASME B107.2 Fed'l Spec. GGG-W-660a





EYE-D



3/8" Drive Impact Extensions

Product Number	Weight lbs.	Overall Length (in)
19-922	0.18	3.000
19-923	0.31	6.000

ASME B107.2 Fed'l Spec. GGG-W-660a



3/8" Drive Locking Impact Extensions

Product Number	Weight lbs.	Overall Length (in)
19-935	0.25	3.000
19-936	0.40	6.000
19-937	0.75	12.000

3 Pc. 3/8" Drive Impact Extension Set

19-940	1.45



3/8" Drive Impact Armstrong Maxx Universal Joint

Unique Pinless Reversed Ball design for maximum strength and durability. True 360˚ rotation of socket end for extended range of motion, long life, and smooth operation. Maximum operating angle is 30˚.

Product Number	Weight lbs.	Overall Length (in)
19-947	0.20	1.938

ASME B107.2 Fed'l Spec. GGG-W-660a



3/8" Drive Impact Drive Adapter

Product Number	Weight lbs.	Description	Overall Length (in)
19-952	0.14	3/8" F, 1/2" M	1.375

ASME B107.2 Fed'l Spec. GGG-W-660a



3/8" Drive Impact Drive Adapter

Product Number	Weight lbs.	Description	Overall Length (in)
19-952A	0.09	3/8" F, 1/2" M	0.625

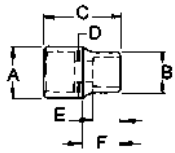
ASME B107.2 Fed'l Spec. GGG-W-660a

Always wear eye protection when near tools in use.

6 Point 3/8" Drive Impact Sockets — METRIC

Product Number	Opening Inches	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
46-606	6	40	17.6	10.4	28.0	5.6	5.0	11.5
46-607	7	45	17.6	12.0	28.0	6.5	5.0	11.5
46-608	8	45	17.6	13.1	28.0	6.5	5.0	11.5
46-609	9	45	17.6	14.5	28.0	8.5	5.0	11.5
46-610	10	45	17.6	16.1	28.0	8.5	5.0	11.5
46-611	11	45	17.6	17.6	28.0	8.5	6.0	-
46-612	12	45	18.7	18.7	28.0	9.5	8.0	-
46-613	13	45	19.9	19.9	28.0	9.5	9.0	-
46-614	14	90	21.8	21.8	28.0	11.0	9.0	-
46-615	15	90	22.3	22.3	28.0	11.0	11.0	-
46-616	16	90	23.7	23.7	28.0	11.0	11.0	-
46-617	17	90	24.3	24.3	28.0	12.4	11.0	-
46-618	18	90	25.6	25.6	28.0	12.4	11.0	-
46-619	19	90	26.6	26.6	30.0	15.0	13.0	-
46-620	20	116	28.6	28.6	31.0	14.3	13.5	-
46-621	21	120	30.2	30.2	31.0	15.1	13.5	-
46-622	22	126	31.7	31.7	31.0	16.7	13.5	-
46-623	23	127	31.7	31.7	31.0	17.5	15.1	-
46-624	24	132	33.3	33.3	31.0	18.3	15.1	-



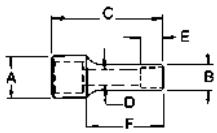


EYE-D

6 Point 3/8" Drive Deep Impact Sockets — METRIC

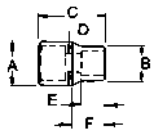
Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
46-706	6	90	17.6	10.4	63.0	3.9	9.1	13.0
46-707	7	90	17.6	12.3	63.0	4.8	9.1	13.0
46-708	8	90	17.6	13.1	63.0	6.5	9.1	13.0
46-709	9	90	17.6	14.5	63.0	8.5	10.0	13.0
46-710	10	90	17.6	16.1	63.0	8.5	12.5	13.0
46-711	11	90	17.6	17.6	63.0	8.5	12.5	-
46-712	12	90	18.7	18.7	63.0	9.5	12.5	-
46-713	13	90	19.9	19.9	63.0	9.5	13.5	-
46-714	14	90	21.8	21.8	63.0	11.0	13.5	-
46-715	15	136	22.3	22.3	71.0	14.8	12.0	-
46-716	16	136	23.7	23.7	71.0	15.0	12.0	-
46-717	17	136	24.3	24.3	71.0	16.9	13.0	-
46-718	18	136	25.6	25.6	71.0	16.9	13.0	-
46-719	19	136	26.6	26.6	71.0	18.2	15.0	-
46-720	20	241	28.6	28.6	71.0	14.3	19.8	-
46-721	21	270	30.2	30.2	71.0	15.1	19.8	-
46-722	22	290	31.8	31.8	71.0	16.7	20.6	-
46-723	23	282	31.8	31.8	71.0	17.5	20.6	-
46-724	24	311	33.5	33.5	71.0	18.3	23.8	-





EYE-D



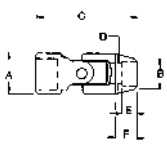


12 Point 3/8" Drive Impact Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
46-308	8	33	17.6	13.1	28.0	6.5	5.0	11.0
46-309	9	33	17.6	14.5	28.0	8.5	5.0	11.0
46-310	10	34	17.6	16.1	28.0	8.5	5.0	11.0
46-311	11	34	17.6	17.6	28.0	8.5	6.0	-
46-312	12	37	18.7	18.7	28.0	9.5	8.0	-
46-313	13	43	19.9	19.9	28.0	9.5	9.0	-
46-314	14	54	21.8	21.8	28.0	11.0	9.0	-
46-315	15	53	22.3	22.3	28.0	11.0	11.0	-
46-316	16	61	23.7	23.7	28.0	11.0	11.0	-
46-317	17	63	24.3	24.3	28.0	12.4	11.0	-
46-318	18	71	25.6	25.6	28.0	12.4	11.0	-
46-319	19	78	26.6	26.6	30.0	15.0	13.0	-
46-320	20	86	27.8	27.8	30.0	15.0	13.0	-
46-321	21	105	30.1	30.1	30.0	15.0	13.0	-
46-322	22	119	32.0	32.0	30.0	17.0	13.0	-

EYE-D®





6 Point 3/8" Drive Armstrong Maxx Universal Impact Sockets — METRIC

Unique Pinless Reversed Ball design for maximum strength and durability. True 360˚ rotation of socket end for extended range of motion, long life and smooth operation. Maximum operating angle is 30˚.

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)
46-110	10	98	24.6	15.5	55.6	12.7	12.7
46-111	11	100	24.6	17.1	55.6	12.7	12.7
46-112	12	102	24.6	18.6	55.6	12.7	12.7
46-113	13	104	24.6	19.1	55.6	12.7	12.7
46-114	14	111	24.6	21.0	55.6	12.7	12.7
46-115	15	111	24.6	22.2	55.6	12.7	12.7
46-116	16	111	24.6	23.0	55.6	12.7	12.7
46-117	17	118	24.6	24.6	55.6	12.7	12.7
46-118	18	120	24.6	25.0	55.6	12.7	12.7
46-119	19	123	24.6	27.0	55.6	12.7	12.7

Always wear eye protection when near tools in use.

6 Point 1/2" Drive Magnetic Power Sockets For Self-Tapping Screws

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
20-082	3/8	0.15	0.930	0.650	1.500	-	0.250	0.630
20-084	7/16	0.16	0.930	0.680	1.500	-	0.280	0.630
20-086	1/2	0.18	0.930	0.820	1.500	-	0.340	0.630
20-088	9/16	0.20	0.930	0.880	1.500	-	0.430	0.630

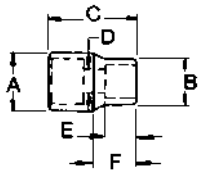


6 Point 1/2" Drive Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
20-012	3/8	0.20	0.874	0.661	1.496	0.354	0.197	0.472
20-014	7/16	0.20	0.874	0.705	1.496	0.354	0.236	0.472
20-016	1/2	0.20	0.957	0.787	1.496	0.472	0.276	0.472
20-018	9/16	0.20	0.957	0.957	1.496	0.531	0.315	-
20-020	5/8	0.20	0.957	0.957	1.496	0.531	0.354	-
20-022	11/16	0.30	1.051	1.051	1.496	0.531	0.354	-
20-024	3/4	0.30	1.185	1.185	1.614	0.531	0.394	-
20-026	13/16	0.40	1.260	1.260	1.614	0.610	0.433	-
20-028	7/8	0.40	1.260	1.260	1.752	0.610	0.492	-
20-030	15/16	0.40	1.299	1.299	1.752	0.669	0.512	-
20-032	1	0.50	1.405	1.405	1.752	0.813	0.600	-
20-034	1-1/16	0.50	1.490	1.490	1.752	0.813	0.600	-
20-036	1-1/8	0.70	1.532	1.532	2.000	0.781	0.820	-
20-038	1-3/16	0.70	1.640	1.640	2.032	0.781	0.820	-
20-040	1-1/4	0.80	1.760	1.760	2.032	0.812	0.820	-
20-042	1-5/16	0.90	1.875	1.875	2.032	0.906	0.852	-
20-044	1-3/8	1.00	1.938	1.938	2.125	0.937	0.915	-
20-046	1-7/16	1.10	2.000	2.000	2.187	1.000	0.938	-
20-048	1-1/2	1.30	2.125	2.125	2.187	1.078	0.875	-

ASME B107.2 Fed'l Spec. GGG-W-660a





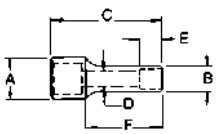
EYE-D®

6 Point 1/2" Drive Deep Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
20-212	3/8	0.40	0.874	0.661	3.228	0.374	0.551	0.492
20-214	7/16	0.40	0.874	0.705	3.228	0.425	0.551	0.492
20-216	1/2	0.40	0.966	0.785	3.266	0.492	0.500	0.625
20-218	9/16	0.40	0.966	0.875	3.266	0.543	0.500	0.625
20-220	5/8	0.40	0.963	0.963	3.266	0.614	0.512	-
20-222	11/16	0.40	1.040	1.049	3.266	0.650	0.551	-
20-224	3/4	0.50	1.187	1.187	3.266	0.709	0.610	-
20-226	13/16	0.60	1.262	1.262	3.266	0.748	0.610	-
20-228	7/8	0.80	1.262	1.262	3.266	0.748	0.669	-
20-230	15/16	0.80	1.313	1.313	3.266	0.787	0.728	-
20-232	1	0.80	1.405	1.405	3.250	0.812	1.600	-
20-234	1-1/16	0.90	1.490	1.490	3.250	0.812	1.600	-
20-236	1-1/8	1.20	1.540	1.540	3.500	0.990	1.490	-
20-238	1-3/16	1.30	1.640	1.640	3.500	1.062	1.350	-
20-240	1-1/4	1.40	1.750	1.750	3.500	1.130	1.160	-
20-242	1-5/16	1.50	1.875	1.875	3.500	1.280	1.320	-
20-244	1-3/8	1.60	1.938	1.938	3.500	1.300	1.375	-
20-246	1-7/16	1.80	2.000	2.000	3.500	1.300	1.375	-
20-248	1-1/2	2.10	2.125	2.125	3.500	1.188	1.125	-

ASME B107.2 Fed'l Spec. GGG-W-660a

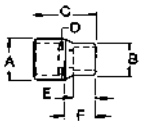




EYE-D®

8 Point 1/2" Drive Impact Sockets





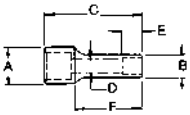
EYE-D

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
20-412	3/8	0.17	0.938	0.719	1.500	0.297	0.281	0.656
20-414	7/16	0.18	0.938	0.828	1.500	0.297	0.313	0.656
20-416	1/2	0.21	1.000	0.940	1.500	0.359	0.344	0.625
20-418	9/16	0.28	1.125	1.016	1.500	0.422	0.375	0.625
20-420	5/8	0.29	1.125	1.125	1.500	0.484	0.406	-
20-422	11/16	0.36	1.250	1.250	1.500	0.484	0.438	-
20-424	3/4	0.38	1.312	1.312	1.562	0.547	0.470	-
20-426	13/16	0.42	1.375	1.375	1.625	0.609	0.500	-
20-428	7/8	0.47	1.532	1.532	1.750	0.609	0.563	-
20-430	15/16	0.69	1.625	1.625	1.875	0.672	0.625	-
20-432	1	0.79	1.750	1.750	1.875	0.672	0.656	-
20-434	1-1/16	1.13	1.875	1.875	2.000	0.750	0.688	-
20-436	1-1/8	1.14	2.000	2.000	2.000	0.750	0.750	-

ASME B107.2 Fed'l Spec. GGG-W-660a

8 Point 1/2" Drive Deep Impact Sockets



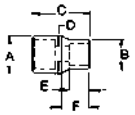


EYE-D

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
20-712	3/8	0.40	0.875	0.719	3.266	0.313	0.438	0.625
20-714	7/16	0.48	0.938	0.844	3.266	0.313	0.438	0.625
20-716	1/2	0.50	0.960	0.960	3.266	0.375	0.438	-
20-718	9/16	0.58	1.030	1.030	3.266	0.437	0.438	-
20-720	5/8	0.68	1.125	1.125	3.266	0.500	0.500	-
20-722	11/16	0.77	1.187	1.187	3.266	0.500	0.531	-
20-724	3/4	0.94	1.312	1.312	3.266	0.563	0.563	-
20-726	13/16	0.96	1.375	1.375	3.266	0.625	1.000	-
20-728	7/8	1.14	1.500	1.500	3.266	0.625	1.250	-
20-730	15/16	1.46	1.625	1.625	3.500	0.688	1.250	-
20-732	1	1.56	1.687	1.687	3.500	0.688	1.250	-

12 Point 1/2" Drive Impact Sockets





EYE-D

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
20-812	3/8	0.16	0.874	0.661	1.496	0.354	0.197	0.479
20-814	7/16	0.16	0.874	0.705	1.496	0.354	0.236	0.479
20-816	1/2	0.20	0.957	0.787	1.496	0.472	0.276	0.482
20-818	9/16	0.20	0.957	0.957	1.496	0.531	0.315	-
20-820	5/8	0.19	0.957	0.957	1.496	0.531	0.354	-
20-822	11/16	0.24	1.051	1.051	1.496	0.531	0.354	-
20-824	3/4	0.33	1.185	1.185	1.496	0.531	0.394	-
20-826	13/16	0.40	1.260	1.260	1.614	0.610	0.433	-
20-828	7/8	0.38	1.260	1.260	1.614	0.610	0.492	-
20-830	15/16	0.45	1.311	1.311	1.752	0.669	0.512	-
20-832	1	0.52	1.405	1.405	1.752	0.669	0.531	-
20-834	1-1/16	0.57	1.490	1.490	1.752	0.689	0.630	-
20-836	1-1/8	0.65	1.550	1.550	2.000	0.797	0.813	-
20-838	1-3/16	0.73	1.640	1.640	2.000	0.797	0.875	-
20-840	1-1/4	0.86	1.750	1.750	2.000	0.828	0.875	-
20-842	1-5/16	0.99	1.875	1.875	2.000	0.953	0.875	-
20-844	1-3/8	1.06	1.938	1.938	2.000	0.953	0.875	-
20-846	1-7/16	1.21	2.000	2.000	2.150	1.016	0.875	-
20-848	1-1/2	1.42	2.125	2.125	2.187	1.078	0.875	-

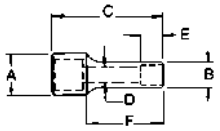
ASME B107.2 Fed'l Spec. GGG-W-660a

Always wear eye protection when near tools in use.

12 Point 1/2" Drive Deep Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
20-612	3/8	0.38	0.874	0.661	3.228	0.374	0.551	0.479
20-614	7/16	0.37	0.874	0.705	3.228	0.425	0.551	0.479
20-616	1/2	0.45	0.957	0.787	3.228	0.492	0.866	0.479
20-618	9/16	0.43	0.957	0.957	3.228	0.531	0.984	-
20-620	5/8	0.40	0.957	0.957	3.228	0.531	1.063	-
20-622	11/16	0.49	1.053	1.053	3.266	0.650	0.578	-
20-624	3/4	0.66	1.191	1.191	3.266	0.709	0.625	-
20-626	13/16	0.75	1.266	1.266	3.266	0.748	0.625	-
20-628	7/8	0.73	1.266	1.266	3.266	0.748	0.686	-
20-630	15/16	0.77	1.317	1.317	3.266	0.787	0.750	-
20-632	1	0.80	1.410	1.410	3.25	0.813	1.625	-
20-634	1-1/16	0.90	1.490	1.490	3.25	0.813	1.625	-
20-636	1-1/8	0.95	1.550	1.550	3.50	1.063	1.500	-
20-638	1-3/16	1.09	1.625	1.625	3.50	1.063	1.438	-
20-640	1-1/4	1.36	1.750	1.750	3.50	1.125	1.125	-
20-642	1-5/16	1.58	1.875	1.875	3.50	1.188	1.250	-
20-644	1-3/8	1.71	1.938	1.938	3.50	1.188	1.250	-
20-646	1-7/16	1.84	2.000	2.000	3.50	1.188	1.250	-
20-648	1-1/2	2.22	2.125	2.125	3.50	1.188	1.125	-





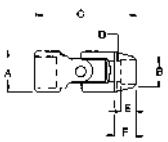
EYE-D

6 Point 1/2" Drive Armstrong Maxx Universal Impact Sockets

Unique Pinless Reversed Ball design for maximum strength and durability. True 360˚ rotation of socket end for extended range of motion, long life and smooth operation. Maximum operating angle is 30˚.

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
20-564	7/16	0.270	0.969	0.700	2.812	0.984	0.984	-
20-566	1/2	0.285	0.969	0.750	2.812	0.984	0.984	-
20-568	9/16	0.295	0.969	0.828	2.812	0.984	0.984	-
20-570	5/8	0.310	0.969	0.906	2.812	0.984	0.984	-
20-572	11/16	0.525	1.219	1.000	3.062	0.984	0.984	-
20-574	3/4	0.540	1.219	1.062	3.125	1.031	1.031	-
20-576	13/16	0.565	1.219	1.141	3.172	1.031	1.031	-
20-578	7/8	0.585	1.219	1.234	3.172	1.031	1.031	-
20-580	15/16	0.615	1.219	1.297	3.219	1.031	1.031	-
20-582	1	0.640	1.219	1.344	3.266	1.031	1.031	-





EYE-D



1/2" Drive Impact Extensions

Product Number	Weight lbs.	Overall Length (in)
20-923	0.49	5.000
20-924	0.89	10.000
20-922A	0.30	3.000
20-923A	0.59	6.000

ASME B107.2 Fed'l Spec. GGG-W-660



1/2" Drive Locking Impact Extensions

Product Number	Weight lbs.	Overall (in) Length
20-935	0.35	3.000
20-936	0.60	5.000
20-937	1.05	10.000

3 Pc. 1/2" Drive Locking Impact Extension Set

20-940	2.05	



1/2" Drive Armstrong Maxx Impact Universal Joint

Unique Pinless Reversed Ball design for maximum strength and durability. True 360˚ rotation of socket end for extended range of motion, long life and smooth operation. Maximum operating angle is 30˚.

Product Number	Weight lbs.	Overall Length (in)
20-947	0.44	2.594

ASME B107.2 Fed'l Spec. GGG-W-660a



1/2" Drive Impact Drive Adapters

Product Number	Weight lbs.	Description	Overall Length (in)
20-951	0.13	1/2" F, 3/8" M	1.500
20-952*	0.25	1/2" F, 3/4" M	1.813
20-953	0.23	1/2" F, 5/8" M	1.688
20-996	0.39	5/8" F, 1/2" M	1.875

*Male square has pin thru hole. ASME B107.2 Fed'l Spec. GGG-W-660a



1/2" Drive Power Hex Square Shank

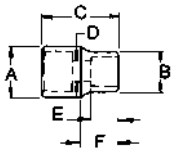
Product Number	Weight lbs.	Description
20-959	0.17	1/2 Sq., 7/16" Hex, 2-3/4" Lg.

Always wear eye protection when near tools in use.

6 Point 1/2" Drive Impact Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
47-008	8	90	22.2	13.0	38.0	5.2	9.5	12.5
47-009	9	90	22.2	15.6	38.0	5.6	11.1	12.5
47-010	10	90	22.2	15.6	38.0	9.0	5.5	12.5
47-011	11	90	22.2	16.7	38.0	9.0	6.5	12.5
47-012	12	90	22.2	18.8	38.0	9.0	7.5	12.5
47-013	13	90	24.3	20.1	38.0	13.5	7.5	12.5
47-014	14	90	24.3	20.8	38.0	13.5	9.5	12.5
47-015	15	90	24.3	24.3	38.0	13.5	9.5	-
47-016	16	136	24.3	24.3	38.0	13.5	10.5	-
47-017	17	136	26.7	26.7	38.0	13.5	10.5	-
47-018	18	136	27.8	27.8	38.0	13.5	11.0	-
47-019	19	136	30.1	30.1	38.0	14.4	12.0	-
47-020	20	136	30.1	30.3	41.0	15.0	12.5	-
47-021	21	136	31.8	31.8	41.0	15.0	12.5	-
47-022	22	136	32.0	32.0	41.0	15.0	13.5	-
47-023	23	181	33.3	33.3	44.5	16.0	13.5	-
47-024	24	181	36.5	36.5	45.2	19.1	17.5	-
47-025	25	181	36.5	36.5	45.2	19.1	17.5	-
47-026	26	227	38.1	38.1	50.8	19.1	19.5	-
47-027	27	227	37.9	37.9	44.5	20.7	15.2	-
47-028	28	232	38.9	38.9	50.8	20.6	22.0	-
47-029	29	253	41.3	41.3	50.8	21.4	22.0	-
47-030	30	272	41.3	41.3	52.4	22.6	22.0	-
47-032	32	272	44.5	44.5	52.4	24.0	22.0	-
47-033	33	282	46.0	46.0	52.4	25.0	22.9	-
47-034	34	286	47.6	47.6	52.4	25.4	22.9	-
47-035	35	286	49.2	49.2	54.0	27.0	22.9	-
47-036	36	286	50.8	50.8	54.0	27.0	22.9	-



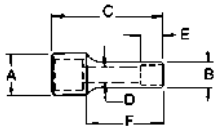


EYE-D®

6 Point 1/2" Drive Deep Impact Sockets — METRIC

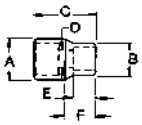
Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
47-208	8	181	22.2	13.0	82.0	5.2	9.5	12.5
47-209	9	181	22.2	15.6	82.0	5.6	11.1	12.5
47-210	10	181	22.3	15.6	82.0	9.5	14.5	12.5
47-211	11	181	22.3	16.7	82.0	10.8	14.5	12.5
47-212	12	181	22.3	18.8	82.0	11.4	14.5	12.5
47-213	13	181	24.4	20.1	82.0	12.5	12.7	12.5
47-214	14	181	24.4	22.2	82.0	13.8	12.7	12.5
47-215	15	188	24.4	24.4	82.0	14.8	12.7	-
47-216	16	188	24.4	24.4	82.0	15.6	13.5	-
47-217	17	221	26.6	26.6	82.0	16.5	13.5	-
47-218	18	245	27.8	27.8	82.0	17.0	14.5	-
47-219	19	296	30.1	30.1	82.0	18.0	16.0	-
47-220	20	334	31.8	31.8	82.0	19.0	16.0	-
47-221	21	330	31.8	31.8	82.0	19.0	16.0	-
47-222	22	330	32.0	32.0	82.0	19.0	17.0	-
47-223	23	354	33.3	33.3	82.0	20.0	17.5	-
47-224	24	350	33.3	33.3	82.0	20.0	17.5	-
47-225	25	471	36.5	36.5	83.0	19.1	17.5	-
47-226	26	520	38.1	38.1	83.0	19.1	19.8	-
47-227	27	451	38.1	38.1	83.0	20.7	38.0	-
47-228	28	485	39.7	39.7	88.9	20.7	22.2	-
47-229	29	464	41.3	41.3	88.9	27.0	27.9	-
47-230	30	499	41.3	41.3	88.9	27.0	27.9	-
47-232	32	499	44.5	44.5	88.9	28.4	28.6	-
47-234	34	544	50.8	50.8	88.9	33.0	34.3	-
47-235	35	544	50.8	50.8	88.9	33.0	34.3	-
47-236	36	590	50.8	50.8	88.9	33.0	34.3	-





EYE-D®



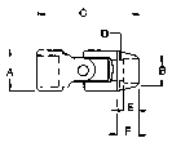


EYE-D

12 Point 1/2" Drive Impact Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
47-310	10	69	22.2	15.5	38.0	9.0	5.0	12.4
47-311	11	70	22.2	16.7	38.0	9.0	6.0	12.4
47-312	12	71	22.2	18.8	38.0	9.0	7.0	12.4
47-313	13	89	24.3	20.1	38.0	13.5	7.0	12.5
47-314	14	83	24.3	20.8	38.0	13.5	9.0	12.5
47-315	15	87	24.3	24.3	38.0	13.5	9.0	-
47-316	16	84	24.3	24.3	38.0	13.5	10.0	-
47-317	17	110	26.7	26.7	38.0	13.5	10.0	-
47-318	18	120	27.8	27.8	38.0	13.5	10.5	-
47-319	19	145	30.1	30.1	38.0	14.4	11.5	-
47-320	20	154	30.1	30.1	41.0	15.0	12.0	-
47-321	21	176	31.8	31.8	41.0	15.0	12.0	-
47-322	22	173	32.0	32.0	41.0	15.0	13.0	-
47-323	23	209	33.3	33.3	44.5	16.0	13.0	-
47-324	24	198	33.3	33.3	44.5	17.5	14.0	-
47-330	30	334	41.3	41.3	50.8	22.6	19.1	-
47-332	32	383	44.5	44.5	50.8	24.0	22.2	-





EYE-D

6 Point 1/2" Drive Armstrong Maxx Universal Impact Sockets — METRIC

Unique Pinless Reversed Ball design for maximum strength and durability. True 360˚ rotation of socket end for extended range of motion, long life and smooth operation. Maximum operating angle is 30˚.

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
47-110	10	118	24.6	15.5	71.4	25.0	25.0	-
47-111	11	123	24.6	17.1	71.4	25.0	25.0	-
47-112	12	125	24.6	18.2	71.4	25.0	25.0	-
47-113	13	127	24.6	19.1	71.4	25.0	25.0	-
47-114	14	136	24.6	21.0	71.4	25.0	25.0	-
47-115	15	138	24.6	22.2	71.4	25.0	25.0	-
47-116	16	236	31.0	24.2	77.8	25.0	25.0	-
47-117	17	240	31.0	25.4	77.8	25.0	25.0	-
47-118	18	254	31.0	27.0	79.4	26.2	26.2	-
47-119	19	245	31.0	27.0	79.4	26.2	26.2	-
47-121	21	274	31.0	31.3	80.6	26.2	26.2	-
47-122	22	277	31.0	32.2	80.6	26.2	26.2	-
47-124	24	279	31.0	32.9	81.8	26.2	26.2	-

Always wear eye protection when near tools in use.

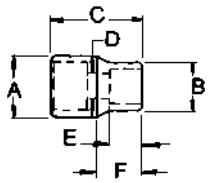
6 Point 3/4" Drive Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
21-016	1/2	0.62	1.625	1.000	1.812	0.375	0.350	0.563
21-018	9/16	0.62	1.625	1.032	1.812	0.438	0.350	0.563
21-020	5/8	0.65	1.625	1.093	1.812	0.500	0.350	0.563
21-022	11/16	0.62	1.625	1.156	1.875	0.500	0.400	0.563
21-024	3/4	0.63	1.625	1.250	1.875	0.563	0.450	0.563
21-026	13/16	0.71	1.625	1.375	1.907	0.625	0.500	0.563
21-028	7/8	0.74	1.625	1.500	2.000	0.625	0.580	0.563
21-030	15/16	0.75	1.625	1.625	2.000	0.688	0.600	-
21-032	1	0.74	1.625	1.625	2.000	0.688	0.750	-
21-034	1-1/16	0.76	1.625	1.625	2.062	0.750	0.750	-
21-036	1-1/8	0.87	1.625	1.625	2.125	0.875	0.750	-
21-038	1-3/16	0.94	1.750	1.875	2.125	1.062	0.750	1.425
21-040	1-1/4	1.10	1.750	2.000	2.125	1.125	0.750	1.425
21-042	1-5/16	1.24	1.750	2.000	2.125	1.125	0.875	1.425
21-044	1-3/8	1.33	1.750	2.125	2.250	1.125	0.875	1.550
21-046	1-7/16	1.44	1.750	2.250	2.250	1.125	0.875	1.550
21-048**	1-1/2	1.59	1.750	2.250	2.250	1.125	1.000	1.550
21-050	1-9/16	1.65	1.750	2.375	2.313	1.125	1.000	1.613
21-052	1-5/8	1.73	1.750	2.438	2.375	1.250	1.000	1.675
21-054	1-11/16	1.79	1.875	2.500	2.375	1.250	1.000	1.675
21-056	1-3/4	1.70	1.875	2.500	2.500	1.250	1.125	1.800
21-058	1-13/16	1.70	1.875	2.625	2.500	1.250	1.125	1.800
21-060	1-7/8	1.80	1.875	2.625	2.625	1.437	1.188	1.925
21-062	1-15/16	2.20	1.875	2.812	2.625	1.437	1.188	1.925
21-064	2	2.40	1.875	2.840	2.750	1.437	1.188	2.050
21-066	2-1/16	2.45	1.875	2.995	2.750	1.437	1.250	2.050
21-068	2-1/8	2.50	1.898	2.995	3.043	2.125	1.700	1.990
21-070	2-3/16	3.00	1.898	3.250	3.000	1.562	1.250	2.300
21-072	2-1/4	3.30	1.898	3.250	3.125	1.562	1.313	2.425
21-076	2-3/8	3.50	1.898	3.250	3.483	2.380	2.000	2.360

**Can be used for removal of Budd Wheels.

ASME B107.2 Fed'l Spec. GGG-W-660a





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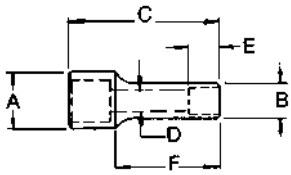
6 Point 3/4" Drive Deep Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
21-218	9/16	1.31	1.625	1.000	3.250	0.421	0.750	0.813
21-220	5/8	1.36	1.625	1.094	3.250	0.484	0.750	0.813
21-222	11/16	1.32	1.625	1.156	3.250	0.484	0.750	0.813
21-224	3/4	1.30	1.625	1.250	3.250	0.546	0.750	0.813
21-226	13/16	1.31	1.625	1.313	3.250	0.609	0.875	0.813
21-228	7/8	1.40	1.625	1.500	3.250	0.671	0.875	0.813
21-230	15/16	1.37	1.625	1.625	3.250	0.671	1.000	-
21-232	1	1.30	1.625	1.625	3.250	0.671	1.000	-
21-234	1-1/16	1.49	1.625	1.750	3.250	0.703	1.000	2.450
21-236	1-1/8	1.44	1.625	1.750	3.250	0.796	1.000	2.450
21-238	1-3/16	1.60	1.625	1.875	3.250	0.796	1.000	2.450
21-240	1-1/4	1.90	1.750	2.000	3.250	0.828	1.063	2.450
21-242	1-5/16	1.94	1.750	2.000	3.375	0.953	1.063	2.575
21-244	1-3/8	2.03	1.750	2.125	3.500	0.953	1.125	2.700
21-246	1-7/16	2.21	1.750	2.250	3.500	1.061	1.125	2.700
21-248**	1-1/2	2.30	1.750	2.250	3.500	1.078	1.250	2.700
21-250	1-9/16	2.40	1.750	2.395	3.483	1.560	1.250	2.600
21-252	1-5/8	2.44	1.750	2.438	3.500	1.560	1.313	2.700
21-254	1-11/16	3.02	1.875	2.500	3.500	1.560	1.313	2.700
21-256	1-3/4	2.20	1.875	2.500	3.625	1.560	1.375	2.825
21-258	1-13/16	2.20	1.875	2.625	3.625	1.560	1.375	2.825
21-260	1-7/8	2.50	1.875	2.625	3.625	1.560	1.438	2.825
21-262	1-15/16	2.70	1.875	2.812	3.625	1.560	1.428	2.825
21-264	2	2.90	1.875	2.840	3.750	1.560	1.500	2.950

**Can be used for removal of Budd Wheels.

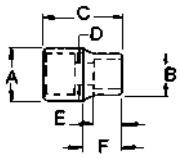
ASME B107.2 Fed'l Spec GGG-W-660a





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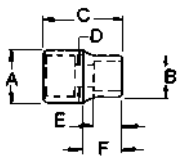
8 Point 3/4" Drive Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
21-420	5/8	0.58	1.625	1.250	1.875	0.500	0.375	0.750
21-422	11/16	0.80	1.618	1.343	2.108	0.688	0.700	0.890
21-424	3/4	0.68	1.625	1.500	1.907	0.563	0.400	0.750
21-426**	13/16	0.72	1.625	1.625	2.000	0.625	0.470	-
21-428	7/8	0.80	1.625	1.750	1.875	0.609	0.563	1.125
21-430**	15/16	0.87	1.625	1.813	1.875	0.671	0.594	1.125
21-432	1	1.02	1.625	1.938	2.000	1.062	0.625	1.250
21-434	1-1/16	1.10	1.750	2.000	2.000	1.062	0.656	1.250
21-436	1-1/8	1.28	1.750	2.125	2.125	1.062	0.688	1.375
21-438	1-3/16	1.70	1.898	2.308	2.483	1.180	1.300	1.630
21-440	1-1/4	1.60	1.750	2.375	2.125	1.062	0.688	1.375
21-442	1-5/16	2.00	1.898	2.498	2.608	1.310	1.400	1.700
21-446	1-7/16	1.98	1.750	2.250	2.250	0.625	0.766	1.500

**Can be used for removal of Budd Wheels

ASME B107.2 Fed'l Spec GGG-W-660a





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12 Point 3/4" Drive Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
21-118	9/16	0.61	1.625	1.000	1.750	0.750	0.406	0.736
21-120	5/8	0.62	1.625	1.094	1.750	0.750	0.438	0.771
21-122	11/16	0.62	1.625	1.156	1.750	0.750	0.500	0.767
21-124	3/4	0.64	1.625	1.250	1.750	0.750	0.500	0.752
21-126	13/16	0.70	1.625	1.375	1.875	0.750	0.531	0.789
21-128	7/8	0.72	1.625	1.500	1.875	0.750	0.563	0.714
21-130	15/16	0.79	1.625	1.625	2.000	0.750	0.625	-
21-132	1	0.77	1.625	1.625	2.000	0.750	0.625	-
21-134	1-1/16	0.73	1.625	1.625	2.000	0.750	0.688	-
21-136	1-1/8	0.73	1.625	1.625	2.125	0.785	0.688	0.688
21-138	1-3/16	0.95	1.625	1.875	2.125	0.815	0.750	0.688
21-140	1-1/4	1.05	1.625	2.000	2.125	0.815	0.750	0.688
21-142	1-5/16	1.06	1.750	2.000	2.125	0.940	0.875	0.688
21-144	1-3/8	1.25	1.750	2.125	2.250	0.940	0.875	0.688
21-146	1-7/16	1.37	1.750	2.250	2.250	1.005	0.875	0.688
21-148	1-1/2	1.59	1.750	2.313	2.500	1.065	1.000	0.688
21-150	1-9/16	1.64	1.750	2.375	2.500	1.065	1.000	0.688
21-152	1-5/8	1.68	1.750	2.438	2.500	1.130	1.000	0.688
21-154	1-11/16	1.89	1.875	2.500	2.625	1.190	1.125	0.688
21-156	1-3/4	1.81	1.875	2.500	2.625	1.190	1.125	0.688
21-158	1-13/16	1.98	1.875	2.625	2.625	1.255	1.125	0.688
21-160	1-7/8	1.99	1.875	2.625	2.750	1.315	1.188	0.688
21-162	1-15/16	2.31	1.875	2.812	2.750	1.380	1.188	0.688
21-164	2	2.44	1.875	2.840	2.875	1.440	1.188	0.688
21-166	2-1/16	2.87	1.875	3.000	3.000	1.440	1.250	0.688
21-168	2-1/8	2.96	1.898	3.000	3.125	1.505	1.250	0.688
21-170	2-3/16	3.57	1.898	3.250	3.125	1.505	1.250	0.688
21-172	2-1/4	3.61	1.898	3.250	3.250	1.565	1.313	0.688
21-176	2- 3/8	3.79	1.898	3.250	3.483	1.565	1.313	0.688

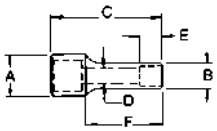
Always wear eye protection when near tools in use.

6 Point 3/4" Drive Budd Wheel Socket

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
21-505	1-1/2x13/16	2.87	1.750	2.250	4.000	1.062	0.656	3.250

Dual opening socket. Square (13/16") opening threads shaft onto wheel; then hex (1-1/2") opening engages and tightens nut.

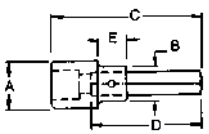




3/4" Drive Impact Hex Bit Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	Bit Part No.
21-718	9/16	0.71	1.05	1.125	3.937	2.312	1.062	94-518
21-719	5/8	0.75	1.15	1.250	3.937	2.312	1.062	94-519
21-721	3/4	0.82	1.60	1.500	4.437	2.500	1.375	94-521
21-723	7/8	0.87	1.90	1.625	4.500	2.625	1.375	94-523
21-725	1	0.93	2.20	1.750	4.625	2.750	1.375	94-525





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3/4" Drive Impact Extensions

Product Number	Weight lbs.	Overall Length (in)
21-923	1.80	7.000
21-924	2.54	10.000
21-925	3.29	13.000

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3/4" Drive Impact Universal Joint

Product Number	Weight lbs.	Overall Length (in)	Rotation
21-947	1.21	3.313	25°

ASME B107.2 Fed'l Spec. GGG-W-660a



3/4" Drive Impact Drive Adapters

Product Number	Weight lbs.	Description	Overall Length (in)
21-951	0.64	3/4" F, 1/2" M	2.094
21-952*	0.85	3/4" F, 1" M	2.500
21-953	0.67	3/4" F, 5/8" M	2.125

ASME B107.2 Fed'l Spec. GGG-W-660a

*Through hole on square drive



3/4" Drive O-Ring and Retainer Pin

Product Number	Weight lbs.	Description	Pin Dia (in)
21-962	0.01	1-7/16" Dia. O-Ring	-
21-963	0.01	1-1/2" Lg. Retainer Pin	3/16

For use with all 3/4" Drive Impact Sockets and Attachments



3/4" Drive Ret Rings

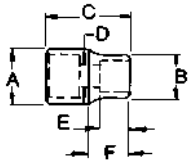
Product No.	I. D. of Ring (in)	Hub Dia. Skt. (in)	Use with Armstrong Product
21-964	1-7/16	1-5/8	21-016 through 21-038, 21-218 through 21-238, 21-420 through 21-432, 21-718 through 21-719, 48-019 through 48-030, 48-221 through 48-230, 48-719 through 48-722, 21-923 through 21-953
21-965	1-5/8	1-3/4	21-040 through 21-048, 21-240 through 21-254, 21-434 through 21-466, 21-505, 48-032 through 48-036, 48-232 through 48-241, 48-724 through 48-725, 21-721 through 21-723
21-967	1-3/4	1-7/8	21-052 through 21-064, 21-256 through 21-264, 48-041 through 48-050, 48-726, 21-725

Always wear eye protection when near tools in use.

6 Point 3/4" Drive Impact Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
48-017	17	268	41.3	29.4	47.6	13.9	11.4	19.1
48-019	19	281	41.3	32.5	47.6	14.7	12.7	19.1
48-020	20	300	41.3	35.3	49.2	14.7	14.0	19.1
48-021	21	309	41.3	35.3	49.2	15.5	14.0	19.1
48-022	22	327	41.3	38.5	50.0	17.1	14.0	19.1
48-023	23	335	41.3	41.3	50.8	18.3	15.2	-
48-024	24	354	41.3	41.3	50.8	18.3	15.2	-
48-025	25	345	41.3	41.3	50.8	18.3	17.5	-
48-026	26	349	41.3	41.3	50.8	18.3	17.5	-
48-027	27	345	41.3	41.3	50.8	18.3	17.5	-
48-028	28	408	41.3	44.3	54.0	28.0	25.4	35.0
48-030	30	413	41.3	47.6	54.0	27.0	18.2	35.0
48-031	31	454	41.3	47.6	54.0	31.0	25.4	35.0
48-032	32	454	44.5	50.8	54.0	27.0	19.0	35.0
48-033	33	454	44.5	50.7	54.0	33.0	25.4	35.0
48-034	34	480	44.5	50.8	55.6	27.0	20.6	36.6
48-035	35	499	45.7	53.8	56.8	35.0	30.5	34.0
48-036	36	631	45.7	57.2	57.2	35.0	21.4	38.2
48-037	37	544	45.7	58.5	56.8	37.0	30.5	34.4
48-038	38	590	45.7	58.5	56.8	38.0	30.5	34.4
48-041	41	776	45.7	61.9	60.3	31.0	23.8	41.3
48-042	42	771	48.7	62.5	64.6	42.0	35.6	42.0
48-043	43	816	48.7	63.3	66.3	43.0	38.1	43.4
48-046	46	980	48.7	69.9	65.0	35.0	25.4	46.0
48-050	50	1125	48.7	74.0	68.2	36.9	27.0	49.2



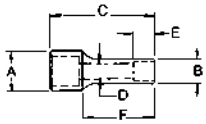


EYE-D

6 Point 3/4" Drive Deep Impact Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
48-219	19	499	41.1	31.4	78.6	19.0	38.1	25.4
48-221	21	596	41.3	35.3	82.5	15.5	13.5	19.0
48-222	22	636	41.3	38.3	82.5	17.1	14.3	19.0
48-223	23	630	41.3	41.3	88.9	17.5	15.1	-
48-224	24	623	41.3	41.3	88.9	18.6	16.7	-
48-226	26	634	41.3	44.5	82.6	25.4	25.4	23.8
48-227	27	677	41.3	44.5	82.6	25.4	25.4	23.8
48-230	30	821	41.3	47.6	88.9	22.6	25.4	69.0
48-232	32	939	44.5	50.8	88.9	25.0	25.4	69.0
48-233	33	892	44.5	50.8	88.9	27.8	25.4	69.0
48-235	35	1140	44.5	50.8	88.9	27.8	25.4	69.0
48-236	36	1146	44.5	57.2	88.9	27.8	25.4	69.0
48-238	38	1043	48.7	58.5	88.9	38.0	58.4	67.0
48-241	41	1279	48.7	61.9	88.9	30.9	31.8	69.0
48-243	43	1134	48.7	63.3	88.9	43.0	58.4	65.6



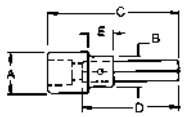


EYE-D

3/4" Drive Impact Hex Bit Sockets — METRIC

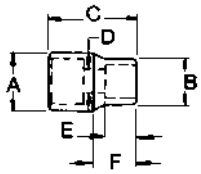
Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	Bit Part No.
48-719	14	470	41.3	28.6	100.0	58.7	27.0	94-619
48-722	17	520	41.3	31.8	101.6	58.7	27.0	94-622
48-724	19	750	44.5	38.1	111.1	63.5	34.9	94-624
48-725	22	850	44.5	41.3	114.3	66.7	34.9	94-625
48-726	24	1000	47.6	44.5	117.5	69.9	34.9	94-626





EYE-D





6 Point 1" Drive Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
22-024	3/4	1.31	2.125	0.763	2.250	0.546	0.500	0.812
22-026	13/16	1.38	2.125	0.826	2.250	0.609	0.531	0.875
22-028	7/8	1.40	2.125	0.888	2.250	0.671	0.531	0.875
22-030	15/16	1.39	2.125	0.953	2.375	0.671	0.625	0.875
22-032	1	1.48	2.125	1.015	2.375	0.671	0.656	0.875
22-034	1-1/16	1.46	2.125	1.077	2.375	0.703	0.656	0.875
22-036	1-1/8	1.55	2.125	1.133	2.438	0.796	0.687	0.875
22-038	1-3/16	1.54	2.125	1.204	2.500	0.796	0.750	0.875
22-040	1-1/4	1.52	2.125	1.267	2.500	0.828	0.812	0.875
22-042	1-5/16	1.64	2.125	2.125	2.562	0.953	0.843	-
22-044	1-3/8	1.84	2.250	2.250	2.562	0.953	0.843	-
22-046	1-7/16	1.84	2.250	2.250	2.562	1.015	0.843	-
22-048**	1-1/2	1.99	2.250	2.312	2.625	1.078	0.875	1.750
22-050	1-9/16	1.91	2.250	2.375	2.625	1.078	0.875	1.750
22-052	1-5/8	2.04	2.250	2.437	2.625	1.140	0.875	1.750
22-054	1-11/16	2.16	2.250	2.500	2.687	1.203	1.000	1.812
22-056**	1-3/4	2.33	2.250	2.625	2.687	1.203	1.000	1.812
22-058	1-13/16	2.60	2.250	2.750	2.750	1.265	1.000	1.875
22-060	1-7/8	2.66	2.250	2.750	2.875	1.328	1.093	2.000
22-062	1-15/16	2.86	2.250	2.875	2.875	1.328	1.093	2.000
22-064	2	3.13	2.250	3.000	2.937	1.390	1.093	2.062
22-066	2-1/16	3.24	2.250	3.000	3.062	1.453	1.218	2.187
22-068	2-1/8	3.64	2.375	3.125	3.125	1.453	1.218	2.250
22-070	2-3/16	3.94	2.375	3.250	3.125	1.453	1.218	2.250
22-072	2-1/4	3.91	2.375	3.250	3.250	1.515	1.312	2.375
22-074	2-5/16	4.33	2.375	3.375	3.312	1.578	1.312	2.500
22-076	2-3/8	4.72	2.375	3.500	3.312	1.578	1.312	2.500
22-078	2-7/16	4.87	2.375	3.500	3.500	1.703	1.375	2.625
22-080	2-1/2	5.40	2.375	3.750	3.500	1.703	1.375	2.625
22-082	2-9/16	6.11	2.375	3.750	3.500	1.765	1.375	2.625
22-084	2-5/8	6.63	2.375	3.750	3.687	1.828	1.468	2.812
22-086	2-11/16	6.27	2.375	4.000	3.687	1.828	1.468	2.812
22-088	2-3/4	6.26	2.375	4.000	3.687	1.890	1.500	2.812
22-090	2-13/16	6.28	2.375	4.000	3.875	1.953	1.625	3.000
22-092	2-7/8	6.37	2.375	4.000	3.937	1.953	1.625	3.062
22-094	2-15/16	6.74	2.375	4.125	3.937	1.953	1.625	3.062
22-096	3	7.30	2.375	4.250	4.062	2.140	1.718	3.187
22-100	3-1/8	7.76	2.375	4.375	4.125	2.140	1.718	3.250
22-104	3-1/4	8.51	2.375	4.500	4.125	2.140	1.718	3.250
22-108	3-3/8	9.20	2.375	4.750	4.500	2.390	1.937	3.375
22-112	3-1/2	9.28	2.375	4.750	4.500	2.390	1.937	3.375
22-116	3-5/8	10.33	2.375	5.000	4.500	2.390	1.937	3.375
22-118	3-7/8	12.20	3.248	5.103	5.235	2.870	2.400	3.810
22-120	4	14.90	3.248	5.243	5.360	2.870	2.510	3.900
22-122	4-1/8	15.40	3.248	5.383	5.360	2.870	2.600	3.860
22-124	4-1/4	16.20	3.248	5.523	5.485	2.870	2.740	3.940
22-126	4-1/2	17.40	3.248	5.803	5.610	3.100	2.830	3.990

**Can be used for removal of Budd Wheels. ASME B107.2 Fed'l Spec. GGG-W-660a

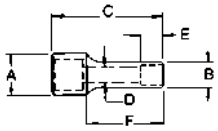
Always wear eye protection when near tools in use.

6 Point 1" Drive Deep Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (In)	B Wrench End (In)	C Overall Length (In)	D Bolt Clearance (In)	E Wrench Depth (In)	F Length to Shoulder (In)
22-228	7/8	2.72	2.000	1.531	3.250	0.671	0.562	0.937
22-230	15/16	2.68	2.000	1.593	3.250	0.671	0.625	0.937
22-232	1	2.84	2.000	1.750	3.250	0.671	0.625	0.937
22-234	1-1/16	2.79	2.000	1.750	3.250	0.703	0.656	0.937
22-236	1-1/8	2.95	2.125	1.812	3.250	0.796	0.678	0.937
22-238	1-3/16	2.91	2.125	1.875	3.250	0.796	0.750	0.937
22-240	1-1/4	2.86	2.125	2.000	3.250	0.828	0.750	0.937
22-242	1-5/16	3.07	2.125	2.125	3.500	0.953	0.843	-
22-244	1-3/8	3.42	2.250	2.125	3.500	0.953	0.843	0.937
22-246	1-7/16	3.43	2.250	2.250	3.500	1.015	0.843	-
22-248**	1-1/2	3.68	2.250	2.312	3.500	1.078	0.875	2.625
22-250	1-9/16	3.51	2.250	2.375	3.500	1.078	0.875	2.625
22-252	1-5/8	3.73	2.250	2.437	3.500	1.140	0.875	2.625
22-254	1-11/16	3.93	2.250	2.500	3.750	1.203	1.000	2.875
22-256**	1-3/4	4.24	2.250	2.625	3.750	1.203	1.000	2.875
22-258	1-13/16	4.71	2.250	2.750	3.750	1.265	1.000	2.875
22-260	1-7/8	4.79	2.250	2.750	4.000	1.328	1.093	3.125
22-262	1-15/16	5.12	2.250	2.875	4.000	1.328	1.093	3.125
22-264	2	5.57	2.250	3.000	4.000	1.359	1.093	3.125
22-266	2-1/16	5.73	2.250	3.000	4.250	1.453	1.218	3.375
22-268	2-1/8	6.41	2.375	3.125	4.250	1.453	1.218	3.375
22-270	2-3/16	6.90	2.375	3.250	4.250	1.515	1.218	3.375
22-272	2-1/4	6.80	2.375	3.250	4.500	1.578	1.312	3.625
22-274	2-5/16	7.49	2.375	3.375	4.500	1.578	1.312	3.625
22-276	2-3/8	8.07	2.375	3.500	4.500	1.578	1.312	3.625
22-282	2-9/16	4.70	2.733	3.708	4.858	2.560	3.300	3.690
22-288	2-3/4	4.70	2.713	3.828	5.108	2.750	3.500	3.900

**Can be used for removal of Budd Wheels. ASME B107.2 Fed'l Spec. GGG-W-660a



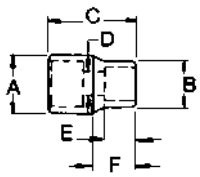


4 Point 1" Drive Impact Sockets

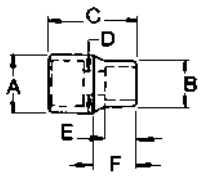
Product Number	Opening Inches	Weight lbs.	A Drive End (In)	B Wrench End (In)	C Overall Length (In)	D Bolt Clearance (In)	E Wrench Depth (In)	F Length to Shoulder (In)
22-424	3/4	1.61	2.125	1.878	2.250	0.546	0.500	1.000
22-426	13/16	1.57	2.125	1.940	2.250	0.609	0.500	1.000
22-428	7/8	1.60	2.125	2.000	2.250	0.609	0.531	1.000
22-430**	15/16	1.69	2.125	2.125	2.500	0.672	0.594	-
22-432	1	1.71	2.125	2.125	2.500	0.671	0.593	-
22-436	1-1/8	1.99	2.250	2.250	2.500	0.796	0.750	-

ASME B107.2 Fed'l Spec. GGG-W-660a
**8 point







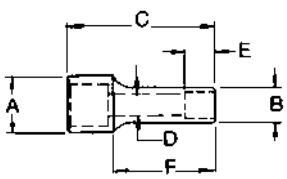


6 Point 1" Drive Impact Sockets — METRIC

Product Number	Opening mm	Weight g	A Drive End (mm)	B Wrench End (mm)	C Overall Length (mm)	D Bolt Clearance (mm)	E Wrench Depth (mm)	F Length to Shoulder (mm)
49-019	19	499	50.9	36.5	56.8	19.1	12.7	16.7
49-022	22	499	50.9	38.8	57.5	19.1	13.7	16.7
49-024	24	499	50.9	39.6	57.5	19.1	14.7	17.8
49-027	27	544	50.9	44.3	64.6	20.3	17.8	20.3
49-028	28	590	50.9	45.7	64.6	20.3	19.1	21.6
49-030	30	680	52.5	52.5	67.8	25.4	19.1	-
49-032	32	680	52.5	52.5	67.8	25.4	19.1	-
49-033	33	680	52.5	52.5	67.8	25.4	19.1	-
49-036	36	726	53.5	57.0	67.8	36.1	27.9	44.3
49-041	41	816	56.7	63.3	67.8	41.0	30.5	43.4
49-046	46	1043	61.4	69.7	67.8	46.0	38.1	43.0
49-050	50	1224	61.4	75.5	75.8	50.0	38.1	49.3
49-055	55	1587	61.4	82.4	80.5	55.0	40.6	52.0
49-060	60	1678	61.4	88.7	81.8	60.0	43.2	51.4
49-065	65	2086	69.4	94.2	83.8	65.0	43.2	54.2

ASME B107.2 Fed'l Spec. GGG-W-660a





6 Point 1" Drive Budd Wheel Socket

Product Number	Opening Inches	Weight lbs.	A Drive End (In)	B Wrench End (In)	C Overall Length (In)	D Bolt Clearance (In)	E Wrench Depth (In)	F Length to Shoulder (In)
22-505	1-1/2x13/16	3.56	2.250	2.312	4.000	0.750	0.291	3.313

Double opening socket. Square (13/16") opening threads shaft onto wheel; then hex (1-1/2") opening engages and tightens nut.

Always wear eye protection when near tools in use.

1" Drive Impact Extensions

Product Number	Weight lbs.	Overall Length (in)
22-923	3.50	7.000
22-925	6.85	13.000

ASME B107.2 Fed'l Spec. GGG-W-660a



1" Drive Impact Universal Joint

Product Number	Weight lbs.	Overall Length (in)	Rotation
22-947	2.71	4.438	25°

ASME B107.2 Fed'l Spec. GGG-W-660a



1" Drive Impact Drive Adapter

Product Number	Weight lbs.	Description	Overall Length (in)
22-951	1.79	1" F, 3/4" M	3.000
22-952	2.03	1" F, 1-1/2" M	3.563



1" Drive O-Ring and Retainer Pin

Product Number	Weight lbs.	Description	Pin Dia. (in)
22-962	0.01	1-3/4" Dia. O-Ring	-
22-963	0.02	1-7/8" Lg. Retainer Pin	3/16"

For use with all 1" Drive Impact Sockets and Attachments

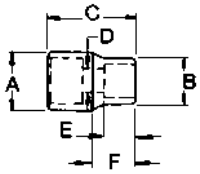


1" Drive Ret Rings

Product Number	I. D. of Ring (in)	Hub Dia. Skt. (in)	Use with Armstrong Product
22-964	2	2-1/8	22-024 through 22-042, 22-228 through 22-242, 22-424 through 22-432, 22-954
22-965	2-1/8	2-1/4 & 2-3/8	22-044 through 22-116, 22-244 through 22-276, 22-436, 22-505 22-923 through 22-952







6 Point 1-1/2" Drive Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
23-044	1-3/8	4.75	3.250	2.750	3.125	0.953	0.800	1.125
23-046	1-7/16	4.71	3.250	2.750	3.125	1.016	0.900	1.125
23-048	1-1/2	4.71	3.250	2.875	3.125	1.078	0.950	1.125
23-050	1-9/16	4.50	3.250	2.875	3.220	1.300	1.000	1.200
23-052	1-5/8	4.76	3.250	3.000	3.125	1.141	1.125	1.125
23-054	1-11/16	4.73	3.250	3.000	3.125	1.203	1.125	1.125
23-056	1-3/4	4.90	3.250	3.125	3.310	1.300	1.110	1.400
23-058	1-13/16	4.95	3.250	3.125	3.310	1.266	1.250	1.500
23-060	1-7/8	4.80	3.250	3.125	3.500	1.328	1.250	1.500
23-062	1-15/16	4.90	3.250	3.125	3.625	1.300	1.220	1.600
23-064	2	5.25	3.250	3.250	3.625	1.516	1.300	1.750
23-066	2-1/16	5.76	3.250	3.500	3.625	1.516	1.375	2.375
23-068	2-1/8	5.87	3.250	3.500	3.625	1.516	1.420	2.375
23-070	2-3/16	6.05	3.250	3.500	3.625	1.516	1.500	2.375
23-072	2-1/4	0.65	3.250	3.750	3.940	1.578	1.500	2.700
23-074	2-5/16	6.70	3.750	3.750	3.940	2.310	2.100	-
23-076	2-3/8	7.61	3.750	3.750	4.125	1.578	1.750	-
23-078	2-7/16	8.01	3.750	3.750	4.125	1.703	1.750	-
23-080	2-1/2	8.15	3.750	3.750	4.125	1.766	1.750	-
23-082	2-9/16	7.91	3.750	4.000	4.125	1.766	1.750	3.000
23-084	2-5/8	8.54	3.750	4.000	4.250	1.828	1.750	3.000
23-086	2-11/16	7.90	3.750	4.098	4.280	2.680	2.400	3.000
23-088	2-3/4	8.52	3.750	4.218	4.375	1.891	2.000	3.000
23-090	2-13/16	8.60	3.750	4.218	4.375	2.810	2.500	3.000
23-092	2-7/8	9.72	3.750	4.375	4.500	1.953	2.500	3.250
23-094	2-15/16	9.72	3.750	4.500	4.500	1.953	2.500	3.250
23-096	3	9.95	3.750	4.500	4.625	2.141	2.625	3.375
23-098	3-1/16	11.00	3.750	4.750	4.655	3.060	2.700	3.625
23-100	3-1/8	11.24	3.750	4.750	4.655	2.141	2.700	3.625
23-102	3-3/16	11.00	3.750	4.718	4.750	3.180	2.800	3.180
23-104	3-1/4	12.00	3.750	5.000	4.830	3.250	2.800	3.190
23-106	3-5/16	12.00	3.750	5.000	4.890	3.310	2.900	3.250
23-108	3-3/8	11.87	3.750	5.000	4.625	2.391	2.500	3.425
23-110	3-7/16	12.00	3.750	5.000	4.985	3.430	3.000	3.340
23-112	3-1/2	12.42	3.750	5.000	5.000	2.391	3.000	3.800
23-114	3-9/16	12.00	3.750	5.100	5.125	3.560	3.100	3.450
23-116	3-5/8	16.27	3.750	5.250	5.125	2.438	3.100	3.925
23-118	3-11/16	12.50	3.750	5.200	5.250	3.680	3.100	3.550
23-120	3-3/4	15.51	3.750	5.500	5.250	2.625	2.420	4.050
23-122	3-13/16	17.00	3.750	5.500	5.370	2.500	2.420	3.580
23-124	3-7/8	14.77	3.750	5.500	5.370	2.750	2.510	4.170
23-126	3-15/16	20.00	3.750	5.750	5.480	2.600	2.510	3.620
23-128	4	17.19	3.750	5.750	5.480	2.875	2.510	4.280
23-130	4-1/16	20.00	3.750	5.750	5.530	2.700	2.600	3.670
23-132	4-1/8	16.92	3.750	5.750	5.530	2.875	2.610	4.330
23-134	4-3/16	21.00	3.750	6.000	5.600	2.800	2.630	3.670
23-136	4-1/4	20.08	3.750	6.000	5.600	3.125	2.760	4.400
23-138	4-5/16	23.00	3.750	6.000	5.765	2.800	2.760	3.830
23-140	4-3/8	23.00	3.750	6.203	5.765	2.800	2.760	3.770
23-142	4-7/16	23.00	3.750	6.203	5.835	2.900	2.810	3.840
23-144	4-1/2	29.40	3.750	6.250	6.000	3.125	2.850	4.800
23-148	4-5/8	28.30	3.750	6.250	6.000	3.313	3.010	4.800
23-152	4-3/4	24.00	3.750	6.380	6.140	3.200	3.030	4.100
23-160	5	30.82	3.750	7.250	7.000	3.531	3.125	5.800

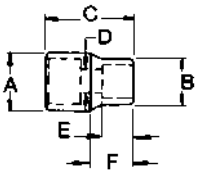
ASME B107.2 Fed'l Spec GGG-W-660a

Always wear eye protection when near tools in use.

6 Point 1-1/2" Drive Deep Impact Sockets

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
23-244	1-3/8	10.00	3.250	2.748	5.655	1.080	0.800	0.850
23-246	1-7/16	10.00	3.250	2.748	5.655	1.080	0.880	0.900
23-248	1-1/2	10.00	3.250	2.873	5.655	1.080	0.940	0.950
23-252	1-5/8	10.00	3.250	2.998	5.655	1.080	1.070	1.100
23-254	1-11/16	10.00	3.250	2.998	5.655	1.340	1.070	1.100
23-256	1-3/4	10.00	3.250	3.123	5.655	1.400	1.120	1.200
23-258	1-13/16	10.00	3.250	3.123	5.655	1.450	1.150	1.600
23-260	1-7/8	10.00	3.250	3.125	5.655	1.500	1.200	1.600
23-264	2	10.00	3.270	3.270	5.655	1.600	1.260	-
23-266	2-1/16	10.00	3.270	3.270	5.655	1.680	1.310	-
23-268	2-1/8	10.00	3.498	3.498	5.655	1.720	1.360	-
23-270	2-3/16	10.00	3.498	3.498	5.655	1.800	1.380	-
23-272	2-1/4	12.50	3.748	3.748	6.030	2.100	1.420	-
23-274	2-5/16	12.50	3.748	3.748	6.030	2.100	1.470	-
23-276	2-3/8	12.50	3.748	3.748	6.030	2.100	1.510	-
23-278	2-7/16	13.00	3.748	3.823	6.030	2.100	1.580	4.740
23-280	2-1/2	13.00	3.748	3.873	6.030	2.100	1.590	4.710
23-282	2-9/16	13.00	3.748	3.998	6.030	2.100	1.620	4.670
23-284	2-5/8	13.00	3.748	3.998	6.030	2.100	1.670	4.670
23-286	2-11/16	13.50	3.748	4.048	6.030	2.100	1.700	4.640
23-288	2-3/4	14.00	3.748	4.218	6.030	2.100	1.760	4.610
23-290	2-13/16	14.50	3.748	4.218	6.280	2.200	1.790	4.860
23-292	2-7/8	16.50	3.748	4.478	6.280	2.200	1.820	4.780
23-294	2-15/16	17.00	3.748	4.478	6.280	2.300	1.850	4.780
23-296	3	18.00	3.748	4.718	6.280	2.300	2.000	4.710
23-298	3-1/16	18.00	3.748	4.718	6.280	2.300	2.000	4.710
23-300	3-1/8	18.00	3.748	4.718	6.280	2.500	2.010	4.710
23-302	3-3/16	18.00	3.748	4.718	6.405	2.500	2.010	4.840
23-304	3-1/4	20.00	3.748	4.978	6.405	2.500	2.050	4.760
23-306	3-5/16	20.00	3.748	4.978	6.405	2.500	2.100	4.760
23-308	3-3/8	20.00	3.748	4.978	6.405	2.500	2.130	4.760
23-310	3-7/16	20.00	3.748	4.978	6.405	2.500	2.170	4.760
23-312	3-1/2	20.00	3.748	5.098	6.405	2.500	2.260	4.730
23-314	3-9/16	20.00	3.748	5.098	6.405	2.500	2.260	4.730
23-316	3-5/8	22.00	3.748	5.198	6.780	2.500	2.290	5.080
23-318	3-11/16	22.00	3.748	5.198	6.780	2.500	2.340	5.080
23-320	3-3/4	25.00	3.748	5.468	6.780	2.500	2.380	5.000
23-322	3-13/16	25.00	3.748	5.498	6.780	2.500	2.420	4.990
23-324	3-7/8	26.00	3.748	5.498	7.030	2.500	2.510	5.240
23-326	3-15/16	28.00	3.748	5.748	7.030	2.600	2.510	5.170
23-328	4	28.00	3.748	5.748	7.030	2.600	2.510	5.170
23-330	4-1/16	28.00	3.748	5.748	7.030	2.700	2.600	5.170
23-332	4-1/8	35.00	3.748	5.998	7.780	2.800	2.600	5.850
23-334	4-3/16	35.00	3.748	5.998	7.780	2.800	2.630	5.850
23-336	4-1/4	35.00	3.748	5.998	7.780	2.800	2.760	5.850
23-338	4-5/16	35.00	3.748	6.003	7.780	2.800	2.760	5.840
23-340	4-3/8	37.00	3.748	6.203	7.780	2.800	2.760	5.790
23-344	4-1/2	37.00	3.748	6.203	7.780	3.000	2.840	5.790
23-348	4-5/8	37.00	3.748	6.378	7.780	3.200	3.010	5.740
23-352	4-3/4	37.00	3.748	6.378	7.780	3.200	3.010	5.740





1-1/2" Drive Impact Extensions

Product Number	Weight lbs.	Overall Length (in)
23-924	8.75	8.000
23-928	15.20	15.000

ASME B107.2 Fed'l Spec GGG-W-660a





1-1/2" Drive Impact Universal Joint

Product Number	Weight lbs.	Overall Length (in)	Rotation
23-947	5.38	6.000	25°

ASME B107.2 Fed'l Spec GGG-W-660a



1-1/2" Drive Impact Drive Adapter

Product Number	Weight lbs.	Description	Overall Length (in)
23-951	5.35	1-1/2" F, 1" M	3.437

ASME B107.2 Fed'l Spec. GGG-W-660a



1-1/2" Drive O-Ring and Retainer Pin

Product Number	Weight lbs.	Description	Pin Dia. (in)
23-962	0.01	2-7/8" Dia. O-Ring	-
23-963	0.02	2-7/8" Lg. Retainer Pin	1/4"

For use with all 1-1/2" Drive Impact Sockets and Attachments



1-1/2" Drive Ret Rings

Product Number	I.D. of Ring (in)	Hub Dia. Skt (in)	Use With Armstrong Product
23-964	2-7/8	3-1/4	23-044 through 23-160, 23-924 through 23-951

Always wear eye protection when near tools in use.

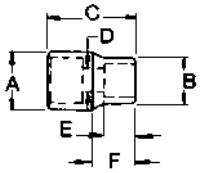
6 Point 2-1/2" Drive Impact Sockets*

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
24-064	2	20.0	5.394	3.661	5.118	2.000	1.181	2.205
24-068	2 1/8	20.2	5.394	3.740	5.118	2.125	1.181	2.205
24-072	2 1/4	20.5	5.394	3.858	5.118	2.250	1.181	2.205
24-076	2 3/8	20.9	5.394	3.937	5.118	2.375	1.378	2.205
24-084	2 5/8	21.3	5.394	4.173	5.118	2.625	1.575	2.205
24-088	2 3/4	21.1	5.394	4.331	5.118	2.750	1.575	2.205
24-094	2 15/16	21.1	5.394	4.646	5.118	2.938	1.772	2.205
24-096	3	20.9	5.394	4.724	5.118	3.000	1.772	2.205
24-100	3 1/8	20.9	5.394	4.961	5.118	3.125	1.772	2.205
24-108	3 3/8	20.7	5.394	5.236	5.118	3.375	1.969	2.205
24-112	3 1/2	23.1	5.394	5.591	5.512	3.500	1.969	3.543
24-116	3 5/8	24.2	5.394	5.709	5.512	3.625	2.165	3.543
24-120	3 3/4	24.2	5.394	5.827	5.512	3.750	2.165	3.543
24-124	3 7/8	25.3	5.394	5.945	5.512	3.875	2.165	3.543
24-128	4	25.3	5.394	6.102	5.512	4.000	2.165	3.543
24-132	4 1/8	26.4	5.394	6.220	5.906	4.125	2.362	3.937
24-136	4 1/4	27.5	5.394	6.417	5.906	4.250	2.559	3.937
24-140	4 3/8	28.6	5.394	6.575	5.906	4.375	2.559	3.937
24-144	4 1/2	29.7	5.394	6.772	5.906	4.500	2.559	3.937
24-148	4 5/8	35.2	6.299	7.008	5.906	4.625	2.756	3.937
24-152	4 3/4	36.3	6.299	7.126	5.906	4.750	2.756	3.937
24-156	4 7/8	40.7	6.299	7.323	5.906	4.875	2.953	3.937
24-160	5	45.1	6.299	7.480	6.693	5.000	2.953	4.724
24-168	5 1/4	48.4	6.299	7.874	6.693	5.250	3.150	4.724
24-176	5 1/2	52.9	6.299	8.189	6.693	5.500	3.150	4.724
24-184	5 3/4	55.1	6.299	8.504	6.693	5.750	3.150	4.724
24-196	6 1/8	60.6	6.299	8.819	7.087	6.125	3.543	5.000
24-208	6 1/2	72.2	6.299	9.252	7.087	6.500	3.543	5.000
24-220	6 7/8	79.6	6.299	9.724	7.087	6.875	3.543	5.000
24-244	7 5/8	110.3	6.299	10.591	8.858	7.625	4.724	6.772

*Made in Sweden

ASME B107.2 Fed'l Spec. GGG-W-660a



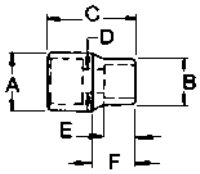


2-1/2" Drive O-Rings and Retainer Pin

Product Number	Weight lbs.	Description	For Use with Sockets No.
24-961	0.02	4-1/2" I.D. O-Ring	24-088 to 24-152
24-962	0.03	5-1/2" I.D. O-Ring	24-172 to 24-256
24-963	0.05	4-1/2" Lg. Retainer Pin	24-088 to 24-256







No. 5 Spline Drive Impact Sockets*

Product Number	Opening Inches	Weight lbs.	A Drive End (in)	B Wrench End (in)	C Overall Length (in)	D Bolt Clearance (in)	E Wrench Depth (in)	F Length to Shoulder (in)
17-434	1-1/16	1.50	2.362	1.693	3.150	0.906	0.709	0.906
17-436	1-1/8	1.60	2.362	1.811	3.150	1.063	0.787	0.748
17-440	1-1/4	1.60	2.362	1.969	3.150	1.063	0.827	0.551
17-442	1-5/16	1.70	2.362	2.087	3.150	1.063	0.866	0.374
17-444	1-3/8	1.80	2.362	2.165	3.150	1.102	0.906	0.276
17-446	1-7/16	1.90	2.362	2.244	3.150	1.181	0.945	0.157
17-448	1-1/2	2.00	2.362	2.323	3.150	1.220	0.984	0.098
17-452	1-5/8	2.10	2.362	2.520	3.150	1.378	1.181	2.362
17-454	1-11/16	2.20	2.362	2.598	3.937	1.654	1.260	3.150
17-456	1-3/4	2.40	2.362	2.756	3.937	1.732	1.260	3.150
17-458	1-13/16	2.60	2.362	2.835	3.937	1.811	1.339	3.150
17-460	1-7/8	2.70	2.362	2.913	3.937	1.850	1.339	3.150
17-464	2	3.10	2.362	3.071	3.937	2.008	1.417	3.150
17-468	2-1/8	3.60	2.362	3.228	3.937	2.087	1.417	3.150
17-470	2-3/16	3.90	2.362	3.307	3.937	2.165	1.496	3.150
17-472	2-1/4	4.00	2.362	3.425	4.331	2.244	1.654	3.543
17-474	2-5/16	4.30	2.362	3.465	4.331	2.283	1.654	3.543
17-476	2-3/8	4.70	3.150	3.543	4.331	2.362	1.732	3.543
17-480	2-1/2	5.40	3.150	3.701	4.724	2.480	1.850	3.937
17-482	2-9/16	6.10	3.150	3.819	4.724	2.559	1.850	3.937
17-484	2-5/8	6.20	3.150	3.898	4.724	2.598	1.850	3.937
17-488	2-3/4	6.50	3.150	4.055	4.724	2.756	1.850	3.937
17-496	3	7.30	3.150	4.370	5.118	2.992	2.087	4.331

*Made in Sweden

ASME B107.2 Fed'l Spec. GGG-W-660a



No. 5 Spline Impact Extension*

Product Number	Weight lbs.	Drive End O.D. (in)	Overall Length (in)
17-592	3.50	2.362	7.000

*Made in Sweden

ASME B107.2 Fed'l Spec. GGG-W-660a



No. 5 Spline Impact Universal Joint*

Product Number	Weight lbs.	Drive End O.D. (in)	Overall Length (in)	Rotation
17-596	2.80	2.362	7.087	25˚

*Made in Sweden

ASME B107.2 Fed'l Spec. GGG-W-660a



Impact Adapter #5F, 1"M*

Product Number	Weight lbs.	Drive End O.D. (in)	Overall Length (in)
17-598	1.90	2.362	3.500

*Made in Sweden

ASME B107.2 Fed'l Spec. GGG-W-660a

Always wear eye protection when near tools in use.

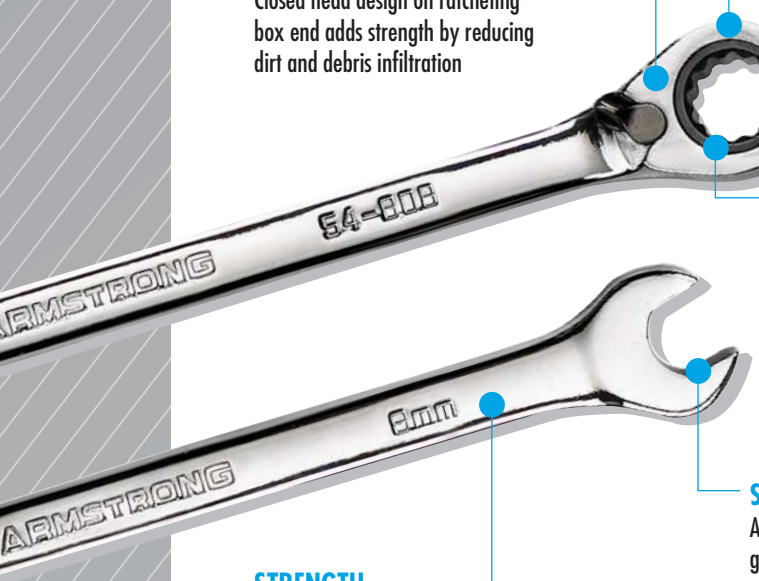
Ratcheting Combination Wrenches
Combination Wrenches
Flex Head Combination Wrenches
Double Open-End Wrenches
Double Box-End Wrenches, 15˚ and 45˚
Open End Angle Wrenches
Tappet Wrenches
Pump Pattern Wrenches
Ratcheting Box Wrenches
Flarenut Wrenches
Adjustable Wrenches
Industrial Finish Wrenches
Structural And Construction Wrenches
Striking Wrenches
Spanner Wrenches
Slugging Wrenches
Pipe Tools

ACCESS
Small head design allows easier access in tight areas

STRENGTH
Closed head design on ratcheting box end adds strength by reducing dirt and debris infiltration

SPEED
Ratcheting makes projects faster and easier

ACCESS
Requires as little as 5˚ ratcheting arc



STRENGTH
Anti-slip notches in open end grip the flats of fasteners providing up to 25% more torque than conventional designs

STRENGTH
Forged, one-piece design for increased durability



SPEED
Ratcheting box end with reversing lever speeds removal/installation of fasteners



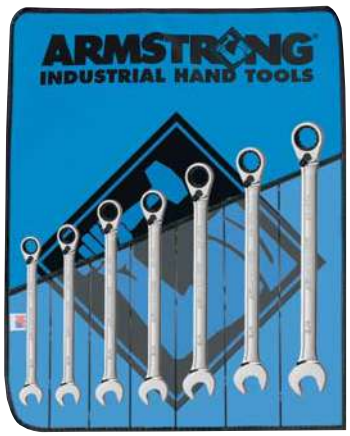
ACCESS
72-tooth precision machined steel insert creates a short ratcheting arc, allowing fastener to be turned even in confined areas

SAFETY
Hex jaw design allows for more secure fit to fastener, reducing the chance of slippage

SAFETY
70% wider handle for more comfort, reducing pressure and lessening hand fatigue

ACCESS
Extra wide jaw capacity (6-12" wrenches) opens up to 25% wider than standard adjustable wrenches





Set 28-900
7 Pc. Reversible Ratcheting Wrench Set

Approximate Weight, 2.50 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
28-812	3/8	28-820	5/8
28-814	7/16	28-822	11/16
28-816	1/2	28-824	3/4
28-818	9/16		

Vinyl Roll
29-432



Set 28-901
7 Pc. Reversible Ratcheting Wrench Set

Packaged in a tray

Approximate Weight, 2.50 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
28-812	3/8	28-820	5/8
28-814	7/16	28-822	11/16
28-816	1/2	28-824	3/4
28-818	9/16		



Set 54-950 METRIC
10 Pc. Reversible Ratcheting Wrench Set

Approximate Weight, 3.7 lbs. (1,656 g)

Product Number	Opening, mm	Product Number	Opening, mm
54-810	10	54-815	15
54-811	11	54-816	16
54-812	12	54-817	17
54-813	13	54-818	18
54-814	14	54-819	19

Vinyl Roll
5460901

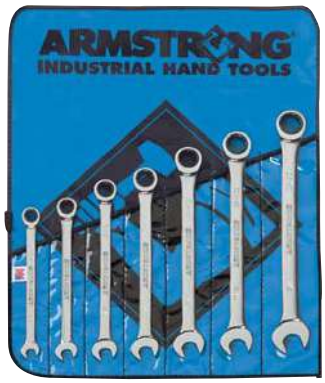
Always wear eye protection when near tools in use.

Set 25-661
7 Pc. Combination Ratcheting Wrench Set

Approximate Weight, 2.60 lbs.

Product Number	Opening, Inches
25-812	3/8
25-814	7/16
25-816	1/2
25-818	9/16
25-820	5/8
25-822	11/16
25-824	3/4

Vinyl Roll
29-432



Set 25-662
7 Pc. Combination Ratcheting Wrench Set

Packaged in a tray
Approximate Weight, 2.60 lbs.

Product Number	Opening, Inches
25-812	3/8
25-814	7/16
25-816	1/2
25-818	9/16
25-820	5/8
25-822	11/16
25-824	3/4



Set 25-667
10 Pc. Combination Ratcheting Wrench Set

Approximate Weight, 2.90 lbs.

Product Number	Opening, Inches
25-808	1/4
25-810	5/16
25-811	11/32
25-812	3/8
25-814	7/16
25-816	1/2
25-818	9/16
25-820	5/8
25-822	11/16
25-824	3/4

Vinyl Roll
29-451



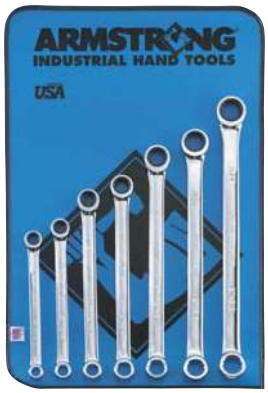
Set 52-667 METRIC
10 Pc. Combination Ratcheting Wrench Set

Approximate Weight, 3.90 lbs. (1,746 g)

Product Number	Opening, mm
52-810	10
52-811	11
52-812	12
52-813	13
52-814	14
52-815	15
52-816	16
52-817	17
52-818	18
52-819	19

Vinyl Roll
29-452



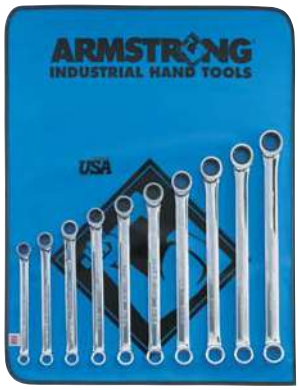


Set 27-609
7 Pc. 12 Point Full Polish Box Ratcheting Wrench Set

Approximate Weight, 2.20 lbs.

Product Number	Opening, Inches
27-510	3/8
27-511	7/16
27-512	1/2
27-513	9/16
27-514	5/8
27-515	11/16
27-516	3/4

Vinyl Roll
2760901



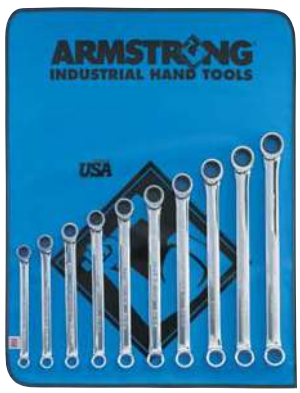
Set 54-609 METRIC
10 Pc. 12 Point Full Polish Box Ratcheting Wrench Set

Approximate Weight, 4.10 lbs. (1,860 g)

Product Number	Opening, mm	Product Number	Opening, mm
54-510	10	54-515	15
54-511	11	54-516	16
54-512	12	54-517	17
54-513	13	54-518	18
54-514	14	54-519	19

Vinyl Roll
5460901





Set 27-708
17 Pc. 12 Point Full Polish Box Ratcheting Wrench Set

Approximate Weight, 8.20 lbs.

Product Number	Opening, Inches	Product Number	Opening, mm
27-510	3/8	54-510	10
27-511	7/16	54-511	11
27-512	1/2	54-512	12
27-513	9/16	54-513	13
27-514	5/8	54-514	14
27-515	11/16	54-515	15
27-516	3/4	54-516	16
		54-517	17
		54-518	18
		54-519	19

Vinyl Rolls
2760901, 5460901



Set 27-704
4 Pc. 12 Point Full Polish Box Ratcheting Wrench Set

Approximate Weight, 1.82 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
27-517	13/16	27-519	15/16
27-518	7/8	27-520	1

Vinyl Roll
29-410

Always wear eye protection when near tools in use.

Set 54-504 — METRIC
4 Pc. Box Ratcheting Wrench Set

Approximate Weight, 4.00 lbs. (1,814 g)

Product Number	Opening, mm	Product Number	Opening, mm
54-520	21	54-522	24
54-521	22	54-523	25

Vinyl Roll
29-410



Set 27-607
7 Pc. Stubby Ratcheting Wrench Set

Approximate Weight, 1.40 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
27-110	3/8	27-114	5/8
27-111	7/16	27-115	11/16
27-112	1/2	27-116	3/4
27-113	9/16		

Vinyl Roll
29-430



Set 54-607 — METRIC
10 Pc. Stubby Ratcheting Wrench Set

Approximate Weight, 2.20 lbs. (998 g)

Product Number	Opening, mm	Product Number	Opening, mm
54-110	10	54-115	15
54-111	11	54-116	16
54-112	12	54-117	17
54-113	13	54-118	18
54-114	14	54-119	19

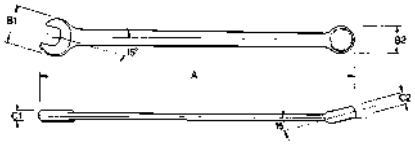
Vinyl Roll
29-450





Reversible Ratcheting Wrench

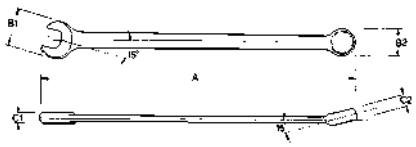
Product Number	Opening, Inches	Weight, lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
28-810	5/16	0.13	5.787	0.694	0.656	0.191	0.256
28-812	3/8	0.16	6.732	0.798	0.778	0.201	0.303
28-814	7/16	0.16	7.323	0.970	0.850	0.220	0.323
28-816	1/2	0.23	8.228	1.065	0.969	0.248	0.339
28-818	9/16	0.28	8.701	1.195	1.043	0.276	0.370
28-820	5/8	0.44	9.567	1.350	1.212	0.287	0.406
28-822	11/16	0.47	10.157	1.394	1.252	0.307	0.421
28-824	3/4	0.54	11.063	1.572	1.341	0.343	0.441





Reversible Ratcheting Wrench — METRIC

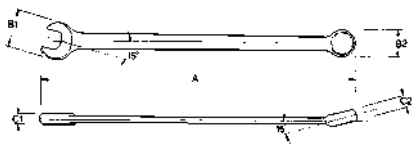
Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End(mm)
54-808	8	59	147.0	17.6	16.7	4.9	6.5
54-809	9	67	155.7	18.8	19.6	4.9	7.8
54-810	10	73	171.0	20.3	19.8	5.1	7.3
54-811	11	86	186.0	24.6	21.4	5.6	7.7
54-812	12	100	197.0	25.4	22.6	6.0	8.2
54-813	13	114	209.0	27.1	24.0	6.3	8.6
54-814	14	141	221.0	30.4	26.0	7.0	9.4
54-815	15	186	233.0	31.9	27.6	7.1	9.4
54-816	16	199	243.0	34.2	28.8	7.3	9.9
54-817	17	213	258.0	34.9	30.6	7.8	10.3
54-818	18	254	269.0	35.4	31.8	8.1	10.7
54-819	19	268	281.0	39.9	32.6	8.7	11.2





Combination Ratcheting Wrench

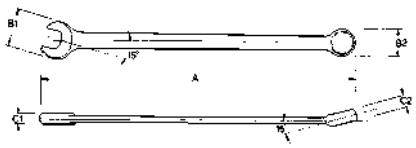
Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
25-808	1/4	0.07	5.05	0.525	0.657	0.177	0.256
25-810	5/16	0.09	5.74	0.695	0.657	0.191	0.256
25-811	11/32	0.10	6.13	0.715	0.732	0.189	0.272
25-812	3/8	0.14	6.71	0.816	0.760	0.201	0.287
25-814	7/16	0.17	7.24	0.965	0.835	0.220	0.303
25-816	1/2	0.21	8.15	1.065	0.949	0.248	0.339
25-818	9/16	0.28	8.65	1.205	1.020	0.276	0.354
25-820	5/8	0.35	9.50	1.335	1.130	0.287	0.390
25-822	11/16	0.41	10.13	1.398	1.207	0.307	0.406
25-824	3/4	0.56	11.01	1.585	1.283	0.343	0.441





Combination Ratcheting Wrench — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End(mm)
52-806	6	27	128.5	13.3	16.7	4.5	6.5
52-807	7	32	136.7	14.6	16.7	4.5	6.5
52-808	8	36	144.5	17.7	16.7	4.9	6.5
52-809	9	45	155.7	18.2	18.6	4.8	6.9
52-810	10	64	170.7	20.7	19.3	5.1	7.3
52-811	11	73	184.2	24.5	21.2	5.6	7.7
52-812	12	86	196.9	25.9	22.8	6.0	8.2
52-813	13	100	207.0	27.1	24.1	6.3	8.6
52-814	14	113	219.2	30.6	25.9	7.0	9.0
52-815	15	141	231.9	32.3	27.6	7.1	9.4
52-816	16	154	241.3	33.9	28.7	7.3	9.9
52-817	17	186	257.3	35.5	30.7	7.8	10.3
52-818	18	213	266.7	37.0	32.0	8.1	10.7
52-819	19	263	280.9	40.3	32.6	8.7	11.2

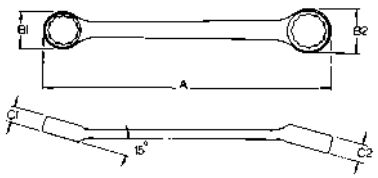


Always wear eye protection when near tools in use.



Box Ratcheting Wrench

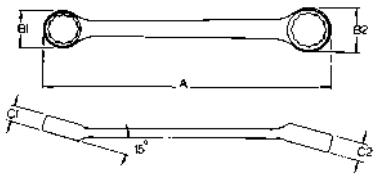
Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
27-508	5/16	0.07	5.770	0.657	0.500	0.256	0.232
27-509	11/32	0.10	6.260	0.732	0.551	0.272	0.228
27-510	3/8	0.13	6.730	0.760	0.630	0.287	0.272
27-511	7/16	0.20	7.300	0.835	0.717	0.303	0.272
27-512	1/2	0.20	8.580	0.949	0.807	0.339	0.303
27-513	9/16	0.35	9.230	1.020	0.886	0.354	0.327
27-514	5/8	0.44	10.530	1.130	0.992	0.390	0.370
27-515	11/16	0.45	11.280	1.207	1.063	0.406	0.378
27-516	3/4	0.70	12.640	1.283	1.142	0.441	0.425
27-517	13/16	0.70	13.390	1.579	1.260	0.512	0.461
27-518	7/8	0.77	14.230	1.579	1.339	0.512	0.461
27-519	15/16	1.00	15.140	1.827	1.437	0.571	0.484
27-520	1	1.09	16.040	1.827	1.516	0.571	0.520



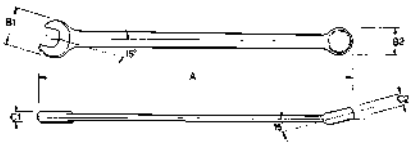


Box Ratcheting Wrench METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End(mm)
54-508	8	32	146.5	16.7	12.7	6.5	5.9
54-509	9	45	159.0	18.6	14.0	6.9	5.8
54-510	10	68	171.0	19.3	16.0	7.3	6.9
54-511	11	73	185.5	21.2	18.2	7.7	6.9
54-512	12	100	201.0	22.8	19.7	8.2	7.3
54-513	13	113	218.0	24.1	20.5	8.6	7.7
54-514	14	136	234.5	25.9	22.5	9.0	8.3
54-515	15	177	252.0	27.6	23.6	9.4	9.0
54-516	16	195	267.5	28.7	25.2	9.9	9.4
54-517	17	218	286.5	30.7	27.0	10.3	9.6
54-518	18	236	303.0	32.0	27.0	10.7	10.1
54-519	19	308	321.0	32.6	29.0	11.2	10.8
54-520	21	313	340.0	40.1	32.0	13.0	11.7
54-521	22	367	361.5	40.1	34.0	13.0	11.7
54-522	24	426	384.5	46.4	36.5	14.5	12.3
54-523	25	513	407.5	46.4	38.5	14.5	13.3



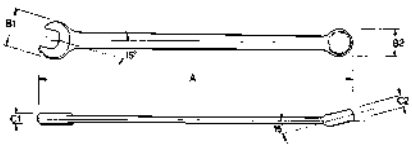




Stubby Ratcheting Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
27-110	3/8	0.08	3.819	0.816	0.756	0.193	0.287
27-111	7/16	0.10	4.075	0.965	0.833	0.205	0.303
27-112	1/2	0.12	4.370	1.065	0.949	0.242	0.339
27-113	9/16	0.16	4.606	1.205	1.008	0.252	0.354
27-114	5/8	0.22	4.902	1.335	1.122	0.285	0.390
27-115	11/16	0.23	5.118	1.398	1.185	0.303	0.406
27-116	3/4	0.30	5.433	1.585	1.285	0.339	0.441





Stubby Ratcheting Wrench METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End(mm)
54-110	10	32	97.0	20.7	19.2	4.9	7.3
54-111	11	45	103.5	24.5	21.2	5.2	7.7
54-112	12	50	108.5	25.9	22.7	5.8	8.2
54-113	13	54	111.0	27.1	24.1	6.2	8.6
54-114	14	68	117.0	30.6	25.6	6.4	9.0
54-115	15	86	121.5	32.3	27.8	6.9	9.4
54-116	16	100	124.5	33.9	28.5	7.3	9.9
54-117	17	104	130.0	35.5	30.1	7.7	10.3
54-118	18	118	132.5	37.0	31.9	7.7	10.7
54-119	19	145	138.0	40.3	32.7	8.6	11.2

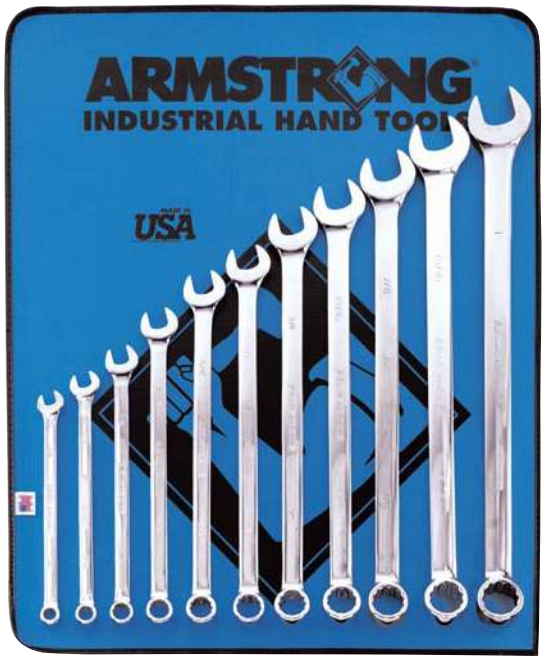
Always wear eye protection when near tools in use.

Set 25-675
11 Pc. 12 Point Full Polish Extra Long Combination Wrench Set

Approximate Weight, 6.70 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-412	3/8	25-424	3/4
25-414	7/16	25-426	13/16
25-416	1/2	25-428	7/8
25-418	9/16	25-430	15/16
25-420	5/8	25-432	1
25-422	11/16		

Vinyl Roll
29-458



Set 25-671
7 Pc. 12 Point Full Polish Extra Long Combination Wrench Set

Approximate Weight, 2.60 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-412	3/8	25-420	5/8
25-414	7/16	25-422	11/16
25-416	1/2	25-424	3/4
25-418	9/16		

Vinyl Roll
29-432





Set 25-657
31 Pc. 12 Point Full Polish Long Combination Wrench Set

Approximate Weight, 126.00 lbs.

Product Number	Opening, Inches
25-210	5/16
25-212	3/8
25-214	7/16
25-216	1/2
25-218	9/16
25-220	5/8
25-222	11/16
25-224	3/4
25-226	13/16
25-228	7/8
25-230	15/16
25-232	1
25-234	1-1/16
25-236	1-1/8
25-240	1-1/4
25-242*	1-5/16
25-244*	1-3/8
25-246*	1-7/16
25-248*	1-1/2
25-252*	1-5/8
25-254*	1-11/16
25-256*	1-3/4
25-258*	1-13/16
25-260*	1-7/8
25-264*	2
25-266*	2-1/16
25-268*	2-1/8
25-270*	2-3/16
25-272*	2-1/4
25-276*	2-3/8
25-280*	2-1/2

* Satin Finish

Vinyl Roll
29-468



Set 25-655
26 Pc. 12 Point Full Polish Long Combination Wrench Set

Approximate Weight, 59.02 lbs.

Product Number	Opening, Inches
25-208	1/4
25-210	5/16
25-212	3/8
25-214	7/16
25-216	1/2
25-218	9/16
25-220	5/8
25-222	11/16
25-224	3/4
25-226	13/16
25-228	7/8
25-230	15/16
25-232	1
25-234	1-1/16
25-236	1-1/8
25-240	1-1/4
25-242*	1-5/16
25-244*	1-3/8
25-246*	1-7/16
25-248*	1-1/2
25-252*	1-5/8
25-254*	1-11/16
25-256*	1-3/4
25-258*	1-13/16
25-260*	1-7/8
25-264*	2

* Satin Finish

Always wear eye protection when near tools in use.

Set 25-652
22 Pc. 12 Point Full Polish Long Combination Wrench Set

Approximate Weight, 23.38 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-208	1/4	25-230	15/16
25-210	5/16	25-232	1
25-212	3/8	25-234	1-1/16
25-214	7/16	25-236	1-1/8
25-216	1/2	25-238	1-3/16
25-218	9/16	25-240	1-1/4
25-220	5/8	25-242*	1-5/16
25-222	11/16	25-244*	1-3/8
25-224	3/4	25-246*	1-7/16
25-226	13/16	25-248*	1-1/2
25-228	7/8	25-252*	1-5/8

* Satin Finish



Set 25-642
15 Pc. 12 Point Full Polish Long Combination Wrench Set

Approximate Weight, 10.39 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-210	5/16	25-226	13/16
25-212	3/8	25-228	7/8
25-214	7/16	25-230	15/16
25-216	1/2	25-232	1
25-218	9/16	25-234	1-1/16
25-220	5/8	25-236	1-1/8
25-222	11/16	25-240	1-1/4
25-224	3/4		

Vinyl Roll
29-468





Set 25-637
10 Pc. 12 Point Full Polish Long Combination Wrench Set

Approximate Weight, 5.40 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-214	7/16	25-224	3/4
25-216	1/2	25-226	13/16
25-218	9/16	25-228	7/8
25-220	5/8	25-230	15/16
25-222	11/16	25-232	1

Vinyl Roll
29-452



Set 25-631
7 Pc. 12 Point Full Polish Long Combination Wrench Set

Approximate Weight, 1.87 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-212	3/8	25-220	5/8
25-214	7/16	25-222	11/16
25-216	1/2	25-224	3/4
25-218	9/16		

Vinyl Roll
29-432



Set 25-626
10 Pc. 6 Point Full Polish Long Combination Wrench Set

Approximate Weight, 3.64 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-314	7/16	25-324	3/4
25-316	1/2	25-326	13/16
25-318	9/16	25-328	7/8
25-320	5/8	25-330	15/16
25-322	11/16	25-332	1

Vinyl Roll
29-452

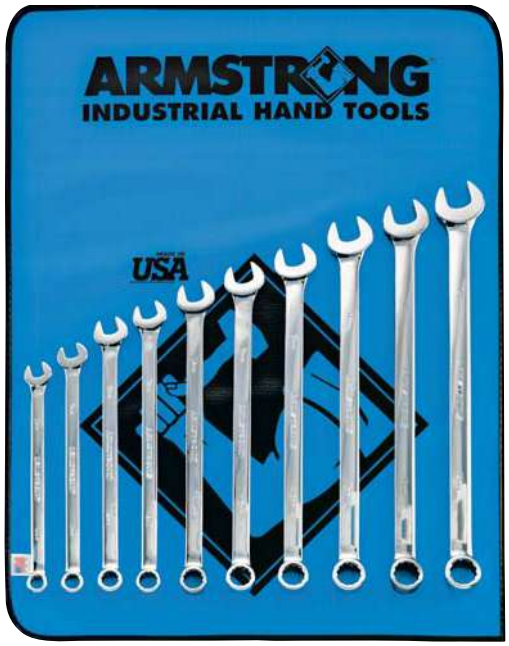
Always wear eye protection when near tools in use.

Set 52-671 METRIC
10 Pc. 12 Point Full Polish Extra Long Combination Wrench Set

Approximate Weight, 5.50 lbs. (2,497 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-410	10	52-416	16
52-411	11	52-417	17
52-412	12	52-418	18
52-413	13	52-419	19
52-414	14		
52-415	15		

Vinyl Roll
29-452

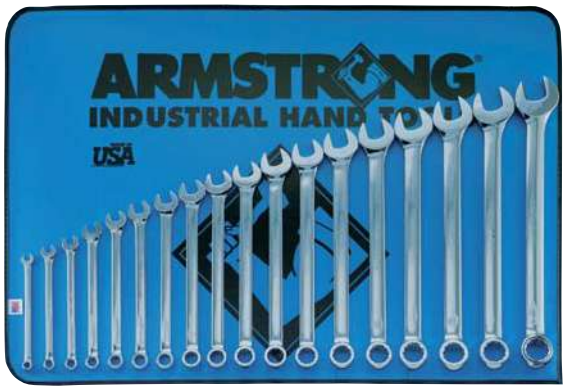


Set 52-644 METRIC
26 Pc. 12 Point Full Polish Long Combination Wrench Set

Approximate Weight, 16.10 lbs. (7,321 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-206	6	52-219	19
52-207	7	52-220	20
52-208	8	52-221	21
52-209	9	52-222	22
52-210	10	52-223	23
52-211	11	52-224	24
52-212	12	52-225	25
52-213	13	52-226	26
52-214	14	52-227	27
52-215	15	52-228	28
52-216	16	52-229	29
52-217	17	52-230	30
52-218	18	52-232	32





Set 52-638 METRIC
18 Pc. 12 Point Full Polish Long Combination Wrench Set

Approximate Weight, 7.20 lbs. (3,296 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-207	7	52-216	16
52-208	8	52-217	17
52-209	9	52-218	18
52-210	10	52-219	19
52-211	11	52-220	20
52-212	12	52-221	21
52-213	13	52-222	22
52-214	14	52-223	23
52-215	15	52-224	24

Vinyl Roll
29-470



Set 52-634 METRIC
15 Pc. 12 Point Full Polish Long Combination Wrench Set

Approximate Weight, 6.20 lbs. (2,828 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-207	7	52-215	15
52-208	8	52-216	16
52-209	9	52-217	17
52-210	10	52-218	18
52-211	11	52-219	19
52-212	12	52-220	20
52-213	13	52-221	21
52-214	14		

Vinyl Roll
29-468

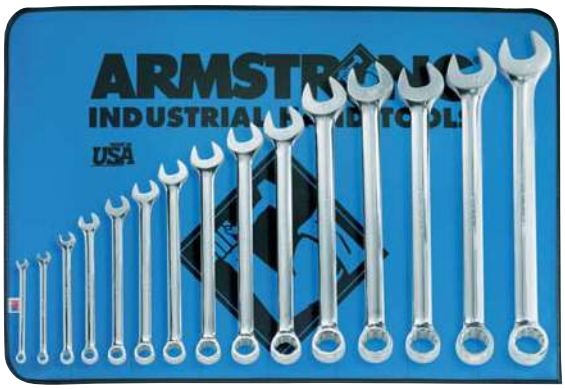
Always wear eye protection when near tools in use.

Set 52-632 — METRIC
15 Pc. 12 Point Full Polish Long Combination Wrench Set

Approximate Weight, 7.30 lbs. (3,296 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-207	7	52-222	22
52-208	8	52-224	24
52-210	10	52-226	26
52-212	12	52-228	28
52-214	14	52-229	29
52-216	16	52-230	30
52-218	18	52-232	32
52-220	20		

Vinyl Roll
29-468



Set 52-631 — METRIC
10 Pc. 12 Point Full Polish Long Combination Wrench Set

Approximate Weight, 3.00 lbs. (1,344 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-210	10	52-215	15
52-211	11	52-216	16
52-212	12	52-217	17
52-213	13	52-218	18
52-214	14	52-219	19

Vinyl Roll
29-452



Set 52-630 — METRIC
9 Pc. 12 Point Full Polish Long Combination Wrench Set

Approximate Weight, 2.70 lbs. (1,235 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-207	7	52-212	12
52-208	8	52-213	13
52-209	9	52-214	14
52-210	10	52-215	15
52-211	11		

Vinyl Roll
29-448





Set 52-627 — METRIC
14 Pc. 6 Point Full Polish Long Combination Wrench Set

Approximate Weight, 3.10 lbs. (1,403 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-306	6	52-313	13
52-307	7	52-314	14
52-308	8	52-315	15
52-309	9	52-316	16
52-310	10	52-317	17
52-311	11	52-318	18
52-312	12	52-319	19

Vinyl Roll
29-466



Set 52-623 — METRIC
10 Pc. 6 Point Full Polish Long Combination Wrench Set

Approximate Weight, 3.00 lbs. (1,344 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-310	10	52-315	15
52-311	11	52-316	16
52-312	12	52-317	17
52-313	13	52-318	18
52-314	14	52-319	19

Vinyl Roll
29-452

Always wear eye protection when near tools in use.

Set 25-689
31 Pc. 12 Point Satin Finish Long Combination Wrench Set

Approximate Weight, 126.00 lbs.

Product Number	Opening, Inches
25-460	5/16
25-462	3/8
25-464	7/16
25-466	1/2
25-468	9/16
25-470	5/8
25-472	11/16
25-474	3/4
25-476	13/16
25-478	7/8
25-480	15/16
25-482	1
25-484	1-1/16
25-486	1-1/8
25-490	1-1/4
25-242	1-5/16
25-244	1-3/8
25-246	1-7/16
25-248	1-1/2
25-252	1-5/8
25-254	1-11/16
25-256	1-3/4
25-258	1-13/16
25-260	1-7/8
25-264	2
25-266	2-1/16
25-268	2-1/8
25-270	2-3/16
25-272	2-1/4
25-276	2-3/8
25-280	2-1/2

Vinyl Roll
29-468



Set 25-685
26 Pc. 12 Point Satin Finish Long Combination Wrench Set

Approximate Weight, 59.02 lbs.

Product Number	Opening, Inches
25-458	1/4
25-460	5/16
25-462	3/8
25-464	7/16
25-466	1/2
25-468	9/16
25-470	5/8
25-472	11/16
25-474	3/4
25-476	13/16
25-478	7/8
25-480	15/16
25-482	1
25-484	1-1/16
25-486	1-1/8
25-490	1-1/4
25-242	1-5/16
25-244	1-3/8
25-246	1-7/16
25-248	1-1/2
25-252	1-5/8
25-254	1-11/16
25-256	1-3/4
25-258	1-13/16
25-260	1-7/8
25-264	2





Set 25-682
22 Pc. 12 Point Satin Finish Long Combination Wrench Set

Approximate Weight, 23.38 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-458	1/4	25-480	15/16
25-460	5/16	25-482	1
25-462	3/8	25-484	1-1/16
25-464	7/16	25-486	1-1/8
25-466	1/2	25-488	1-3/16
25-468	9/16	25-490	1-1/4
25-470	5/8	25-242	1-5/16
25-472	11/16	25-244	1-3/8
25-474	3/4	25-246	1-7/16
25-476	13/16	25-248	1-1/2
25-478	7/8	25-252	1-5/8



Set 25-658
16 Pc. 12 Point Satin Finish Long Combination Wrench Set

Approximate Weight, 99.50 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-242	1-5/16	25-260	1-7/8
25-244	1-3/8	25-264	2
25-246	1-7/16	25-266	2-1/16
25-248	1-1/2	25-268	2-1/8
25-252	1-5/8	25-270	2-3/16
25-254	1-11/16	25-272	2-1/4
25-256	1-3/4	25-276	2-3/8
25-258	1-13/16	25-280	2-1/2

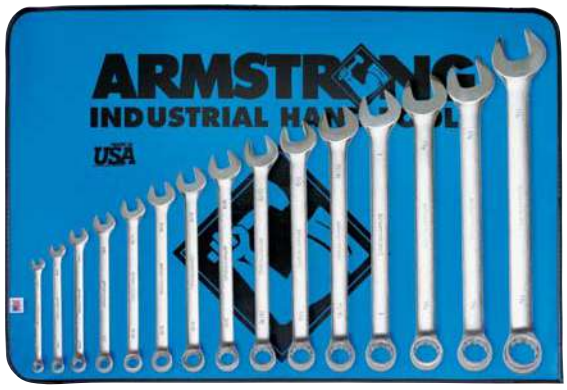
Always wear eye protection when near tools in use.

Set 25-681
15 Pc. 12 Point Satin Finish Long Combination Wrench Set

Approximate Weight, 10.39 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-460	5/16	25-476	13/16
25-462	3/8	25-478	7/8
25-464	7/16	25-480	15/16
25-466	1/2	25-482	1
25-468	9/16	25-484	1-1/16
25-470	5/8	25-486	1-1/8
25-472	11/16	25-490	1-1/4
25-474	3/4		

Vinyl Roll
29-468



Set 25-680
10 Pc. 12 Point Satin Finish Long Combination Wrench Set

Approximate Weight, 5.40 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-464	7/16	25-474	3/4
25-466	1/2	25-476	13/16
25-468	9/16	25-478	7/8
25-470	5/8	25-480	15/16
25-472	11/16	25-482	1

Vinyl Roll
29-452



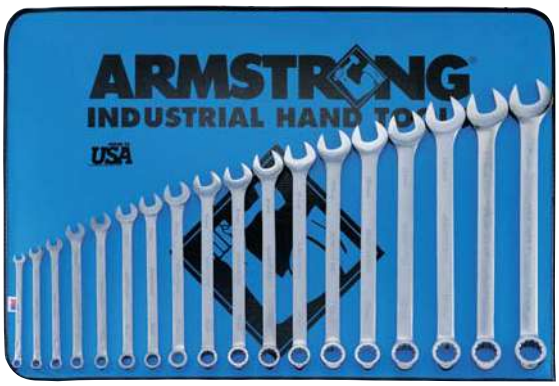
Set 25-677
7 Pc. 12 Point Satin Finish Long Combination Wrench Set

Approximate Weight, 1.87 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-462	3/8	25-470	5/8
25-464	7/16	25-472	11/16
25-466	1/2	25-474	3/4
25-468	9/16		

Vinyl Roll
29-432



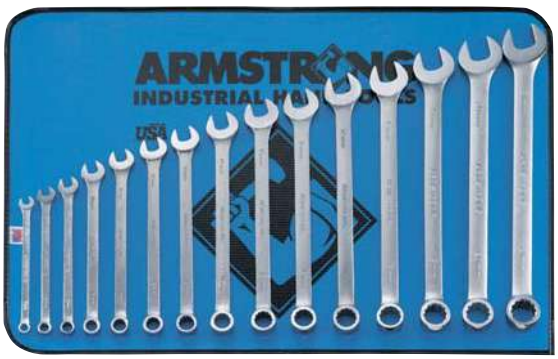


Set 52-686 METRIC
18 Pc. 12 Point Satin Finish Long Combination Wrench Set

Approximate Weight, 7.30 lbs. (3,296 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-457	7	52-466	16
52-458	8	52-467	17
52-459	9	52-468	18
52-460	10	52-469	19
52-461	11	52-470	20
52-462	12	52-471	21
52-463	13	52-472	22
52-464	14	52-473	23
52-465	15	52-474	24

Vinyl Roll
29-470



Set 52-684 METRIC
15 Pc. 12 Point Satin Finish Long Combination Wrench Set

Approximate Weight, 7.30 lbs. (3,296 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-457	7	52-465	15
52-458	8	52-466	16
52-459	9	52-467	17
52-460	10	52-468	18
52-461	11	52-469	19
52-462	12	52-470	20
52-463	13	52-471	21
52-464	14		

Vinyl Roll
29-468



Set 52-682 METRIC
15 Pc. 12 Point Satin Finish Long Combination Wrench Set

Approximate Weight, 7.26 lbs. (3,296 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-457	7	52-472	22
52-458	8	52-474	24
52-460	10	52-476	26
52-462	12	52-478	28
52-464	14	52-479	29
52-466	16	52-480	30
52-468	18	52-482	32
52-470	20		

Vinyl Roll
29-468

Always wear eye protection when near tools in use.

Set 52-677 METRIC
10 Pc. 12 Point Satin Finish Long Combination Wrench Set

Approximate Weight, 3.00 lbs. (1,344 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-460	10	52-465	15
52-461	11	52-466	16
52-462	12	52-467	17
52-463	13	52-468	18
52-464	14	52-469	19

Vinyl Roll
29-452



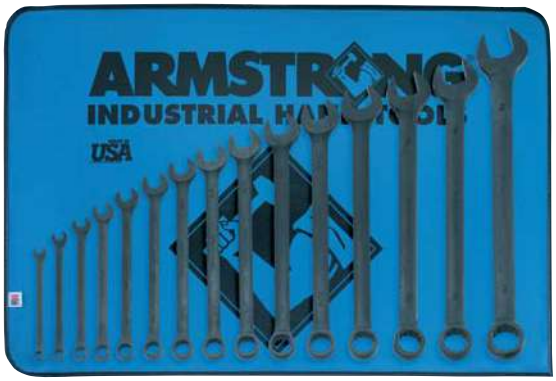
Set 52-679 METRIC
9 Pc. 12 Point Satin Finish Long Combination Wrench Set

Approximate Weight, 3.00 lbs. (1,344 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-457	7	52-462	12
52-458	8	52-463	13
52-459	9	52-464	14
52-460	10	52-465	15
52-461	11		

Vinyl Roll
29-448





Set 30-644
15 Pc. 12 Point Black Oxide Long Combination Wrench Set

Approximate Weight, 10.39 lbs.

Product Number	Opening, Inches
30-210	5/16
30-212	3/8
30-214	7/16
30-216	1/2
30-218	9/16
30-220	5/8
30-222	11/16
30-224	3/4

Product Number	Opening, Inches
30-226	13/16
30-228	7/8
30-230	15/16
30-232	1
30-234	1-1/16
30-236	1-1/8
30-240	1-1/4

Vinyl Roll
29-468



Set 30-636
10 Pc. 12 Point Black Oxide Long Combination Wrench Set

Approximate Weight, 5.40 lbs.

Product Number	Opening, Inches
30-214	7/16
30-216	1/2
30-218	9/16
30-220	5/8
30-222	11/16

Product Number	Opening, Inches
30-224	3/4
30-226	13/16
30-228	7/8
30-230	15/16
30-232	1

Vinyl Roll
29-452

Always wear eye protection when near tools in use.

Set 30-631
7 Pc. 12 Point Black Oxide Long Combination Wrench Set

Approximate Weight, 1.87 lbs.

Product Number	Opening, Inches
30-212	3/8
30-214	7/16
30-216	1/2
30-218	9/16
30-220	5/8
30-222	11/16
30-224	3/4

Vinyl Roll
29-432



56-628 METRIC
15 Pc. 12 Point Black Oxide Long Combination Wrench Set

Approximate Weight, 10.80 lbs. (4,916 g)

Product Number	Opening, mm
56-210	10
56-211	11
56-212	12
56-213	13
56-214	14
56-215	15
56-216	16
56-217	17
56-218	18
56-219	19
56-220	20
56-221	21
56-222	22
56-223	23
56-224	24

Vinyl Roll
29-468





Set 25-616
14 Pc. 12 Point Full Polish Regular Length Combination Wrench Set

Approximate Weight, 9.15 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-112	3/8	25-126	13/16
25-114	7/16	25-128	7/8
25-116	1/2	25-130	15/16
25-118	9/16	25-132	1
25-120	5/8	25-234	1 1/16
25-122	11/16	25-236	1 1/8
25-124	3/4	25-240	1 1/4

Vinyl Roll
52-619



Set 25-613
13 Pc. 12 Point Full Polish Regular Length Combination Wrench Set

Approximate Weight, 3.96 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-108	1/4	25-122	11/16
25-110	5/16	25-124	3/4
25-112	3/8	25-126	13/16
25-114	7/16	25-128	7/8
25-116	1/2	25-130	15/16
25-118	9/16	25-132	1
25-120	5/8		

Vinyl Roll
29-462



Set 25-609
7 Pc. 12 Point Full Polish Regular Length Combination Wrench Set

Approximate Weight, 1.29 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-112	3/8	25-120	5/8
25-114	7/16	25-122	11/16
25-116	1/2	25-124	3/4
25-118	9/16		

Vinyl Roll
29-430

Always wear eye protection when near tools in use.

Set 25-605
7 Pc. 12 Point Full Polish Extra Short Combination Wrench Set

Approximate Weight, 1.10 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-162	3/8	25-170	5/8
25-164	7/16	25-172	11/16
25-166	1/2	25-174	3/4
25-168	9/16		

Vinyl Roll
29-430



Set 25-600
10 Pc. 12 Point Full Polish Midget Combination Wrench Set

Available as a set only. Packaged in a pouch.
Approximate Weight, 0.24 lbs.

Opening, Inches		Opening, Inches	
5/32	6 Pt	1/4	12 Pt
3/16	6 Pt	9/32	12 Pt
13/64	6 Pt	5/16	12 Pt
7/32	12 Pt	3/8	12 Pt
15/64	12 Pt	7/16	12 Pt



Set 25-602
8 Pc. 6 & 12 Point Full Polish Regular Length Combination Wrench Set

Approximate Weight, 0.38 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
25-004	1/8	25-109	9/32*
25-005	5/32	25-110	5/16*
25-006	3/16	25-111	11/32*
25-008	1/4	25-112	3/8*

Vinyl Roll
29-438

* 12 Point





Set 52-619 METRIC
14 Pc. 12 Point Full Polish Regular Length Combination Wrench Set

Approximate Weight, 2.10 lbs. (958 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-006	6	52-113	13
52-007	7	52-114	14
52-008	8	52-115	15
52-109	9	52-116	16
52-110	10	52-117	17
52-111	11	52-118	18
52-112	12	52-119	19

Vinyl Roll
29-466



Set 52-605 METRIC
10 Pc. 12 Point Full Polish Extra Short Combination Wrench Set

Approximate Weight, 1.50 lbs. (702 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-160	10	52-165	15
52-161	11	52-166	16
52-162	12	52-167	17
52-163	13	52-168	18
52-164	14	52-169	19

Vinyl Roll
29-450



Set 52-601 METRIC
7 Pc. 6 Point Full Polish Regular Length Combination Wrench Set

Approximate Weight, 0.20 lbs. (100 g)

Product Number	Opening, mm	Product Number	Opening, mm
52-004	4	52-007	7
52-005	5	52-008	8
52-083	5.5	52-109*	9
52-006	6	*12 Point	

Vinyl Roll
29-434



Set 52-600 METRIC
10 Pc. 6 & 12 Point Full Polish Midget Combination Wrench Set

Available as a set only. Packaged in pouch.
Approximate Weight, 0.30 lbs. (117 g)

Opening, mm		Opening, mm	
4	6 Pt	7	12 Pt
4.5	6 Pt	8	12 Pt
5	6 Pt	9	12 Pt
5.5	12 Pt	10	12 Pt
6	12 Pt	11	12 Pt

Always wear eye protection when near tools in use.

Set 25-607
14 Pc. 12 Point Satin Finish Regular Length Combination Wrench Set

Approximate Weight, 3.18 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
30-312	3/8	30-326	13/16
30-314	7/16	30-328	7/8
30-316	1/2	30-330	15/16
30-318	9/16	30-332	1
30-320	5/8	25-484	1 1/16
30-322	11/16	25-486	1 1/8
30-324	3/4	25-490	1 1/4

Vinyl Roll
52-619



Set 25-608
11 Pc. 12 Point Satin Finish Regular Length Combination Wrench Set

Approximate Weight, 2.00 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
30-312	3/8	30-324	3/4
30-314	7/16	30-326	13/16
30-316	1/2	30-328	7/8
30-318	9/16	30-330	15/16
30-320	5/8	30-332	1
30-322	11/16		

Vinyl Roll
25-458



Set 25-611
9 Pc. 12 Point Satin Finish Regular Length Combination Wrench Set

Approximate Weight, 1.25 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
30-308	1/4	30-318	9/16
30-310	5/16	30-320	5/8
30-312	3/8	30-322	11/16
30-314	7/16	30-324	3/4
30-316	1/2		

Vinyl Roll
52-679





Set 52-602 METRIC
15 Pc. 12 Point Satin Finish Regular Length Combination Wrench Set

Approximate Weight, 5.50 lbs. (2,495 g)

Product Number	Opening, mm	Product Number	Opening, mm
56-407	7	56-415	15
56-408	8	56-416	16
56-409	9	56-417	17
56-410	10	56-418	18
56-411	11	56-419	19
56-412	12	56-421	21
56-413	13	56-422	22
56-414	14		

Vinyl Roll
52-628



Set 52-606 METRIC
11 Pc. 12 Point Satin Finish Regular Length Combination Wrench Set

Approximate Weight, 3.50 lbs. (1,588 g)

Product Number	Opening, mm	Product Number	Opening, mm
56-407	7	56-413	13
56-408	8	56-414	14
56-409	9	56-415	15
56-410	10	56-417	17
56-411	11	56-419	19
56-412	12		

Vinyl Roll
29-458

Always wear eye protection when near tools in use.

Set 30-607
14 Pc. 12 Point Black Oxide Regular Length Combination Wrench Set

Approximate Weight, 5.00 lbs. 2,268 g)

Product Number	Opening, Inches	Product Number	Opening, Inches
30-112	3/8	30-126	13/16
30-114	7/16	30-128	7/8
30-116	1/2	30-130	15/16
30-118	9/16	30-132	1
30-120	5/8	30-234	1-1/16
30-122	11/16	30-236	1-1/8
30-124	3/4	30-240	1-1/4

Vinyl Roll
52-619A



Set 30-608
11 Pc. 12 Point Black Oxide Regular Length Combination Wrench Set

Approximate Weight, 3.50 lbs. (1,588 g)

Product Number	Opening, Inches	Product Number	Opening, Inches
30-112	3/8	30-124	3/4
30-114	7/16	30-126	13/16
30-116	1/2	30-128	7/8
30-118	9/16	30-130	15/16
30-120	5/8	30-132	1
30-122	11/16		

Vinyl Roll
29-458



Set 56-611 METRIC
11 Pc. 12 Point Black Oxide Regular Length Combination Wrench Set

Approximate Weight, 3.50 lbs. (1,588 g)

Product Number	Opening, mm	Product Number	Opening, mm
56-307	7	56-313	13
56-308	8	56-314	14
56-309	9	56-315	15
56-310	10	56-317	17
56-311	11	56-319	19
56-312	12		

Vinyl Roll
29-458





Set 25-696
11 Pc. 12 Point Full Polish Flex Head Wrench Set

Approximate Weight, 5.15 lbs.

Product Number	Opening, Inches
25-508	1/4
25-510	5/16
25-512	3/8
25-514	7/16
25-516	1/2
25-518	9/16
25-520	5/8
25-522	11/16
25-524	3/4
25-526	13/16
25-528	7/8

Vinyl Roll
29-458



Set 25-694
7 Pc. 12 Point Full Polish Flex Head Wrench Set

Approximate Weight, 3.04 lbs.

Product Number	Opening, Inches
25-512	3/8
25-514	7/16
25-516	1/2
25-518	9/16
25-520	5/8
25-522	11/16
25-524	3/4

Vinyl Roll
29-432



Set 25-692
4 Pc. 12 Point Full Polish Flex Head Wrench Set

Approximate Weight, 1.82 lbs.

Product Number	Opening, Inches
25-514	7/16
25-516	1/2
25-518	9/16
25-520	5/8

Vinyl Roll
29-416

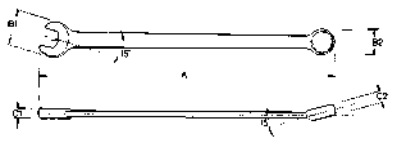
Always wear eye protection when near tools in use.



12 Point Full Polish Extra Long Combination Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
25-412	3/8	0.16	7.380	0.840	0.620	0.200	0.270
25-414	7/16	0.18	8.000	0.950	0.670	0.210	0.290
25-416	1/2	0.22	8.810	1.040	0.740	0.240	0.330
25-418	9/16	0.33	10.000	1.180	0.840	0.260	0.350
25-420	5/8	0.45	11.130	1.310	0.940	0.280	0.410
25-422	11/16	0.48	12.000	1.430	1.010	0.310	0.440
25-424	3/4	0.71	13.130	1.560	1.100	0.340	0.480
25-426	13/16	0.82	14.000	1.660	1.190	0.350	0.520
25-428	7/8	0.88	15.000	1.810	1.280	0.370	0.550
25-430	15/16	1.12	16.000	1.920	1.360	0.390	0.590
25-432	1	1.26	17.000	2.050	1.450	0.410	0.620

ASME B107.6 Fed'l Spec. GGG-W-636e

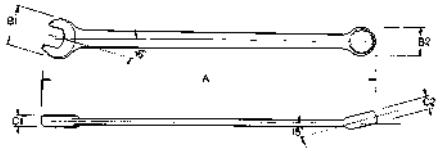




12 Point Full Polish Long Combination Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
25-208	1/4	0.05	5.000	0.550	0.390	0.140	0.190
25-210	5/16	0.07	5.750	0.670	0.490	0.170	0.230
25-211	11/32	0.07	5.750	0.670	0.490	0.170	0.230
25-212	3/8	0.09	6.500	0.790	0.560	0.190	0.250
25-214	7/16	0.14	7.250	0.950	0.670	0.210	0.290
25-216	1/2	0.19	8.000	1.040	0.760	0.240	0.330
25-218	9/16	0.23	8.750	1.180	0.840	0.260	0.350
25-220	5/8	0.25	9.500	1.310	0.940	0.280	0.410
25-222	11/16	0.34	10.250	1.430	1.010	0.310	0.440
25-224	3/4	0.43	11.000	1.560	1.100	0.340	0.480
25-226	13/16	0.65	11.750	1.660	1.190	0.350	0.520
25-228	7/8	0.66	12.500	1.810	1.280	0.370	0.550
25-230	15/16	0.91	13.250	1.920	1.360	0.390	0.590
25-232	1	1.02	14.000	2.050	1.450	0.410	0.620
25-234	1-1/16	1.23	14.750	2.200	1.550	0.440	0.650
25-236	1-1/8	1.31	15.500	2.280	1.620	0.470	0.680
25-238	1-3/16	1.52	16.310	2.420	1.720	0.490	0.730
25-240	1-1/4	1.76	17.060	2.570	1.820	0.510	0.740
***25-242**	1-5/16	2.31	20.125	2.703	2.000	0.500	0.844
***25-244**	1-3/8	2.15	20.125	2.875	2.062	0.500	0.875
***25-246**	1-7/16	2.55	21.125	3.000	2.187	0.750	0.937
***25-248**	1-1/2	2.43	21.125	3.062	2.187	0.625	0.906
***25-252**	1-5/8	3.10	24.125	3.500	2.437	0.640	0.969
***25-254**	1-11/16	3.26	24.125	3.500	2.437	0.675	0.969
***25-256**	1-3/4	5.05	25.625	3.687	2.750	0.760	1.109
***25-258**	1-13/16	6.10	25.625	3.687	2.750	0.781	1.062
***25-260**	1-7/8	6.00	27.125	4.062	2.937	0.750	1.125
***25-264**	2	5.94	27.125	4.062	2.937	0.750	1.125
***25-266**	2-1/16	5.75	27.125	4.000	2.875	0.750	1.062
***25-268**	2-1/8	9.00	28.000	4.406	3.250	0.844	1.125
***25-270**	2-3/16	9.31	28.000	4.406	3.250	0.844	1.125
***25-272**	2-1/4	9.12	28.000	4.406	3.250	0.844	1.125
***25-276**	2-3/8	13.61	30.000	5.031	3.750	0.938	1.375
***25-280**	2-1/2	13.89	30.000	5.031	3.750	0.938	1.375
***25-282**	2-9/16	14.40	32.000	5.562	4.187	1.000	1.500
***25-284**	2-5/8	14.50	32.000	5.562	4.187	1.000	1.500
***25-288**	2-3/4	14.60	32.000	5.562	4.187	1.000	1.500

ASME B107.6 Fed'l Spec. GGG-W-636e
*Satin Finish

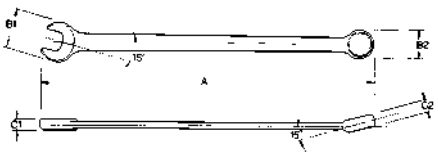


Always wear eye protection when near tools in use.



6 Point Full Polish Long Combination Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
25-308	1/4	0.05	5.000	0.550	0.390	0.140	0.190
25-310	5/16	0.07	5.750	0.670	0.490	0.170	0.230
25-312	3/8	0.09	6.500	0.790	0.560	0.190	0.250
25-314	7/16	0.14	7.250	0.950	0.670	0.210	0.290
25-316	1/2	0.19	8.000	1.040	0.760	0.240	0.330
25-318	9/16	0.23	8.750	1.180	0.840	0.260	0.350
25-320	5/8	0.25	9.500	1.310	0.940	0.280	0.410
25-322	11/16	0.34	10.250	1.430	1.010	0.310	0.440
25-324	3/4	0.43	11.000	1.560	1.100	0.340	0.480
25-326	13/16	0.65	11.750	1.660	1.190	0.350	0.520
25-328	7/8	0.66	12.500	1.810	1.280	0.370	0.550
25-330	15/16	0.91	13.250	1.920	1.360	0.390	0.590
25-332	1	1.02	14.000	2.050	1.450	0.410	0.620

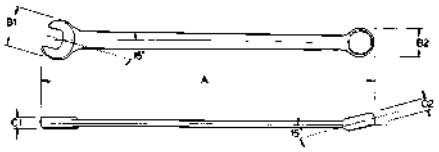




12 Point Full Polish Extra Long Combination Wrench — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End(mm)
52-410	10	73	187.5	21.3	15.7	5.1	6.9
52-411	11	82	203.2	24.1	17.0	5.3	7.4
52-412	12	100	223.8	26.4	18.8	6.1	8.4
52-413	13	109	238.3	28.2	20.3	6.4	8.6
52-414	14	150	254.0	30.0	21.3	6.6	8.9
52-415	15	172	268.2	31.8	22.6	6.9	9.7
52-416	16	204	282.7	33.3	23.9	7.1	10.4
52-417	17	218	304.8	36.3	25.7	7.9	11.2
52-418	18	227	319.0	38.1	26.9	8.4	11.7
52-419	19	322	333.5	39.6	27.9	8.6	12.2
52-420	20	372	355.6	42.2	30.2	8.9	13.2
52-421	21	399	381.0	46.0	32.5	9.4	14.0

ASME B107.9m

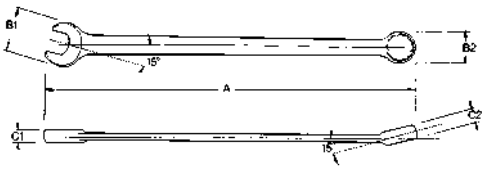




12 Point Full Polish Long Combination Wrench — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End(mm)
52-206	6	23	127.0	15.9	11.1	4.0	5.6
52-207	7	23	135.0	15.9	11.1	4.0	5.6
52-208	8	32	127.0	15.9	11.1	4.0	5.6
52-209	9	41	155.7	18.5	13.0	4.3	6.1
52-210	10	41	170.9	21.3	15.7	5.1	6.9
52-211	11	64	184.2	24.1	17.0	5.3	7.4
52-212	12	91	195.1	25.4	18.3	5.8	7.9
52-213	13	86	207.0	26.4	19.3	6.1	8.4
52-214	14	104	218.9	30.0	21.3	6.6	8.9
52-215	15	114	230.9	31.8	22.6	6.9	9.7
52-216	16	114	241.3	33.3	23.9	7.1	10.4
52-217	17	159	256.0	34.8	24.9	7.4	10.9
52-218	18	154	267.0	36.3	25.7	7.9	11.2
52-219	19	195	279.4	39.6	27.9	8.6	12.2
52-220	20	274	292.1	41.7	29.0	8.6	12.7
52-221	21	299	304.0	43.7	31.0	9.1	13.7
52-222	22	299	317.5	46.0	32.5	9.4	14.0
52-223	23	418	327.9	48.0	33.5	9.7	14.5
52-224	24	413	338.1	50.0	35.3	9.9	15.0
52-225	25	480	355.6	52.1	36.8	10.4	15.7
52-226	26	567	374.7	55.9	39.4	11.2	16.5
52-227	27	558	374.7	55.9	39.4	11.2	16.5
52-228	28	601	393.7	57.9	41.1	11.9	17.3
52-229	29	592	393.7	57.9	41.1	11.9	17.3
52-230	30	590	414.3	61.5	43.7	12.4	18.5
52-232	32	803	433.3	65.3	46.2	12.6	18.8
52-236*	36	1016	511.2	76.2	55.5	15.9	23.8
52-241*	41	1439	612.8	88.9	61.9	16.3	24.6
52-246*	46	2633	650.9	93.6	69.9	19.1	28.2
52-250*	50	2690	689.0	103.2	74.6	19.1	28.6
52-255*	55	4309	711.2	111.9	82.6	21.4	28.6
52-260*	60	6237	762.0	127.8	95.3	23.8	34.9
52-265*	65	6622	812.8	141.3	106.3	25.4	38.1
52-270*	70	6577	812.8	141.3	106.3	25.4	38.1

ASME B107.9m *Satin Finish



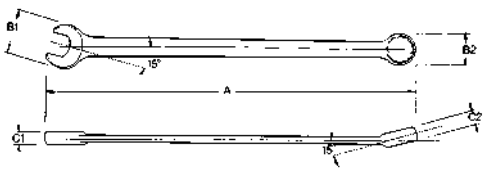
Always wear eye protection when near tools in use.



6 Point Full Polish Long Combination Wrench — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End(mm)
52-306	6	23	127.0	15.9	11.1	4.0	5.6
52-307	7	23	127.0	15.9	11.1	4.0	5.6
52-308	8	32	146.0	15.9	11.1	4.0	5.6
52-309	9	41	155.7	18.5	13.0	4.3	6.1
52-310	10	41	170.9	21.3	15.7	5.1	6.9
52-311	11	64	184.2	24.1	17.0	5.3	7.4
52-312	12	91	195.1	25.4	18.3	5.8	7.9
52-313	13	86	207.0	26.4	19.3	6.1	8.4
52-314	14	104	218.9	30.0	21.3	6.6	8.9
52-315	15	114	230.9	31.8	22.6	6.9	9.7
52-316	16	114	241.3	33.3	23.9	7.1	10.4
52-317	17	159	256.0	34.8	24.9	7.4	10.9
52-318	18	154	267.0	36.3	25.7	7.9	11.2
52-319	19	195	279.4	39.6	27.9	8.6	12.2

ASME B107.9m

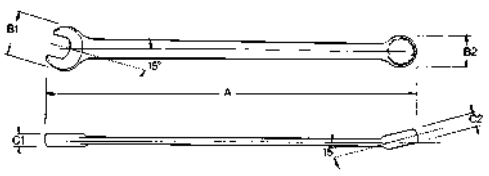




12 Point Satin Finish Long Combination Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
25-458	1/4	0.05	5.000	0.550	0.390	0.140	0.190
25-460	5/16	0.07	5.750	0.670	0.490	0.170	0.230
25-462	3/8	0.09	6.500	0.790	0.560	0.190	0.250
25-464	7/16	0.14	7.250	0.950	0.670	0.210	0.290
25-466	1/2	0.19	8.000	1.040	0.760	0.240	0.330
25-468	9/16	0.23	8.750	1.180	0.840	0.260	0.350
25-470	5/8	0.25	9.500	1.310	0.940	0.280	0.410
25-472	11/16	0.34	10.250	1.430	1.010	0.310	0.440
25-474	3/4	0.43	11.000	1.560	1.100	0.340	0.480
25-476	13/16	0.65	11.750	1.660	1.190	0.350	0.520
25-478	7/8	0.66	12.500	1.810	1.280	0.370	0.550
25-480	15/16	0.91	13.250	1.920	1.360	0.390	0.590
25-482	1	1.02	14.000	2.050	1.450	0.410	0.620
25-484	1-1/16	1.23	14.750	2.200	1.550	0.440	0.650
25-486	1-1/8	1.31	15.500	2.280	1.620	0.470	0.680
25-488	1-3/16	1.52	16.310	2.420	1.720	0.490	0.730
25-490	1-1/4	1.76	17.060	2.570	1.820	0.510	0.740
25-242	1-5/16	2.31	20.125	2.703	2.000	0.500	0.844
25-244	1-3/8	2.15	20.125	2.875	2.062	0.500	0.875
25-246	1-7/16	2.55	21.125	3.000	2.187	0.750	0.937
25-248	1-1/2	2.43	21.125	3.062	2.187	0.625	0.906
25-252	1-5/8	3.10	24.125	3.500	2.437	0.640	0.969
25-254	1-11/16	3.26	24.125	3.500	2.437	0.675	0.969
25-256	1-3/4	5.05	25.625	3.687	2.750	0.760	1.109
25-258	1-13/16	6.10	25.625	3.687	2.750	0.781	1.062
25-260	1-7/8	6.00	27.125	4.062	2.937	0.750	1.125
25-264	2	5.94	27.125	4.062	2.937	0.750	1.125
25-266	2-1/16	5.75	27.125	4.000	2.937	0.750	1.062
25-268	2-1/8	9.00	28.000	4.406	3.250	0.844	1.125
25-270	2-3/16	9.31	28.000	4.406	3.250	0.844	1.125
25-272	2-1/4	9.12	28.000	4.406	3.250	0.844	1.125
25-276	2-3/8	13.61	30.000	5.031	3.750	0.938	1.375
25-280	2-1/2	13.89	30.000	5.031	3.750	0.938	1.375
25-282	2-9/16	14.40	32.000	5.562	4.187	1.000	1.500
25-284	2-5/8	14.50	32.000	5.562	4.187	1.000	1.500
25-288	2-3/4	14.60	32.000	5.562	4.187	1.000	1.500

ASME B107.6 Fed'l Spec. GGG-W-636e



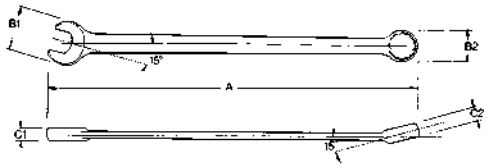
Always wear eye protection when near tools in use.



12 Point Satin Finish Long Combination Wrench — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End(mm)
52-456	6	23	127.0	15.9	11.1	4.0	5.6
52-457	7	23	135.0	15.9	11.1	4.0	5.6
52-458	8	23	146.0	15.9	11.1	4.0	5.6
52-459	9	41	155.7	18.5	13.0	4.3	6.1
52-460	10	41	170.9	21.3	15.7	5.1	6.9
52-461	11	41	184.2	24.1	17.0	5.3	7.4
52-462	12	59	195.1	25.4	18.3	5.8	7.9
52-463	13	68	207.0	26.4	19.3	6.1	8.4
52-464	14	73	218.9	30.0	21.3	6.6	8.9
52-465	15	95	230.9	31.8	22.6	6.9	9.7
52-466	16	104	241.3	33.3	23.9	7.1	10.4
52-467	17	113	256.0	34.8	24.9	7.4	10.9
52-468	18	150	267.0	36.3	25.7	7.9	11.2
52-469	19	191	279.4	39.6	27.9	8.6	12.2
52-470	20	277	292.1	41.7	29.0	8.6	12.7
52-471	21	295	304.0	43.7	31.0	9.1	13.7
52-472	22	331	317.5	46.0	32.5	9.4	14.0
52-473	23	413	327.9	48.0	33.5	9.7	14.5
52-474	24	445	338.1	50.0	35.3	9.9	15.0
52-475	25	463	355.6	52.1	36.8	10.4	15.7
52-476	26	508	374.7	55.9	39.4	11.2	16.5
52-477	27	508	374.7	55.9	39.4	11.2	16.5
52-478	28	567	393.7	57.9	41.1	11.9	17.3
52-479	29	567	393.7	57.9	41.1	11.9	17.3
52-480	30	603	414.3	61.5	43.7	12.4	18.5
52-482	32	612	433.3	65.3	46.2	12.6	18.8
52-236	36	1016	511.2	76.2	55.5	15.9	23.8
52-241	41	1439	612.8	88.9	61.9	16.3	24.6
52-246	46	2633	650.9	93.6	69.9	19.1	28.2
52-250	50	2690	689.0	103.2	74.6	19.1	28.6
52-255	55	4309	711.2	111.9	82.6	21.4	28.6
52-260	60	6237	762.0	127.8	95.3	23.8	34.9
52-265	65	6622	812.8	141.3	106.3	25.4	38.1
52-270	70	6577	812.8	141.3	106.3	25.4	38.1

ASME B107.9m

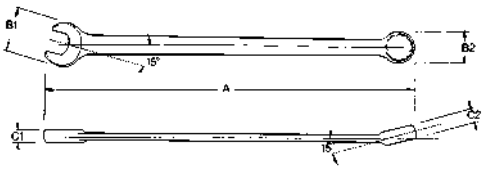




12 Point Black Oxide Long Combination Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
30-208	1/4	0.05	5.000	0.550	0.390	0.140	0.190
30-210	5/16	0.07	5.750	0.670	0.490	0.170	0.230
30-211	11/32	0.07	5.750	0.670	0.490	0.170	0.230
30-212	3/8	0.09	6.500	0.790	0.560	0.190	0.250
30-214	7/16	0.14	7.250	0.950	0.670	0.210	0.290
30-216	1/2	0.19	8.000	1.040	0.760	0.240	0.330
30-218	9/16	0.23	8.750	1.180	0.840	0.260	0.350
30-220	5/8	0.25	9.500	1.310	0.940	0.280	0.410
30-222	11/16	0.34	10.250	1.430	1.010	0.310	0.440
30-224	3/4	0.43	11.000	1.560	1.100	0.340	0.480
30-226	13/16	0.65	11.750	1.660	1.190	0.350	0.520
30-228	7/8	0.76	12.500	1.810	1.280	0.370	0.550
30-230	15/16	0.91	13.250	1.920	1.360	0.390	0.590
30-232	1	1.02	14.000	2.050	1.450	0.410	0.620
30-234	1-1/16	1.23	14.750	2.200	1.550	0.440	0.650
30-236	1-1/8	1.31	15.500	2.280	1.620	0.470	0.680
30-238	1-3/16	1.52	16.310	2.420	1.720	0.490	0.730
30-240	1-1/4	1.76	17.060	2.570	1.820	0.510	0.740
30-242	1-5/16	2.31	20.125	2.703	2.000	0.500	0.844
30-244	1-3/8	2.15	20.125	2.875	2.062	0.500	0.875
30-246	1-7/16	2.55	21.125	3.000	2.187	0.750	0.937
30-248	1-1/2	2.43	21.125	3.062	2.187	0.625	0.906
30-252	1-5/8	3.10	24.125	3.500	2.437	0.640	0.969
30-254	1-11/16	3.26	24.125	3.500	2.437	0.675	0.969
30-256	1-3/4	5.05	25.625	3.687	2.750	0.760	1.109
30-258	1-13/16	6.10	25.625	3.687	2.750	0.781	1.109
30-260	1-7/8	6.00	27.125	4.062	2.937	0.750	1.125
30-264	2	5.94	27.125	4.062	2.937	0.750	1.125
30-266	2-1/16	5.75	27.125	4.000	2.875	0.750	1.125
30-268	2-1/8	9.00	28.000	4.406	3.250	0.844	1.125
30-270	2-3/16	9.31	28.000	4.406	3.250	0.844	1.125
30-272	2-1/4	9.12	28.000	4.406	3.250	0.844	1.125
30-276	2-3/8	13.61	30.000	5.031	3.750	0.938	1.375
30-280	2-1/2	13.89	30.000	5.031	3.750	0.938	1.375
30-282	2-9/16	12.40	32.000	5.562	4.187	1.000	1.500
30-284	2-5/8	14.50	32.000	5.562	4.187	1.000	1.500
30-288	2-3/4	14.60	32.000	5.562	4.187	1.000	1.500

ASME B107.6 Fed'l Spec. GGG-W-636e



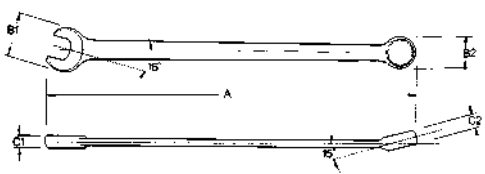
Always wear eye protection when near tools in use.



12 Point Black Oxide Long Combination Wrench — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End(mm)
56-206	6	23	127.0	15.9	11.1	4.0	5.6
56-207	7	23	135.0	15.9	11.1	4.0	5.6
56-208	8	23	146.0	15.9	11.1	4.0	5.6
56-209	9	41	155.7	18.5	13.0	4.3	6.1
56-210	10	41	170.9	21.3	15.7	5.1	6.9
56-211	11	64	184.2	24.1	17.0	5.3	7.4
56-212	12	91	195.1	25.4	18.3	5.8	7.9
56-213	13	86	207.0	26.4	19.3	6.1	8.4
56-214	14	104	218.9	30.0	21.3	6.6	8.9
56-215	15	114	230.9	31.8	22.6	6.9	9.7
56-216	16	114	241.3	33.3	23.9	7.1	10.4
56-217	17	159	256.0	34.8	24.9	7.4	10.9
56-218	18	154	267.0	36.3	25.7	7.9	11.2
56-219	19	195	279.4	39.6	27.9	8.6	12.2
56-220	20	274	292.1	41.7	29.0	8.6	12.7
56-221	21	299	304.0	43.7	31.0	9.1	13.7
56-222	22	299	317.5	46.0	32.5	9.4	14.0
56-223	23	418	327.9	48.0	33.5	9.7	14.5
56-224	24	413	338.1	50.0	35.3	9.9	15.0

ASME B107.9m

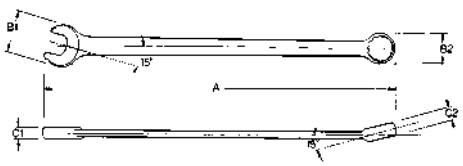




12 Point Full Polish Regular Length Combination Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
25-108	1/4	0.04	3.960	0.530	0.410	0.180	0.240
25-110	5/16	0.05	4.360	0.650	0.510	0.200	0.270
25-111	11/32	0.06	4.880	0.710	0.560	0.190	0.250
25-112	3/8	0.10	5.510	0.800	0.660	0.230	0.290
25-114	7/16	0.11	5.800	0.980	0.680	0.240	0.300
25-116	1/2	0.15	6.520	1.140	0.810	0.270	0.340
25-118	9/16	0.20	7.090	1.290	0.890	0.290	0.350
25-120	5/8	0.30	7.950	1.430	0.980	0.310	0.390
25-122	11/16	0.36	8.750	1.560	1.010	0.310	0.440
25-124	3/4	0.42	9.640	1.720	1.100	0.340	0.480
25-126	13/16	0.58	10.930	1.810	1.220	0.360	0.540
25-128	7/8	0.67	11.470	1.828	1.280	0.370	0.550
25-130	15/16	0.81	12.520	1.920	1.360	0.390	0.590
25-132	1	1.00	13.560	2.050	1.450	0.410	0.620

ASME B107.6 Fed'l Spec. GGG-W-636e



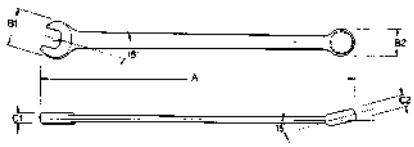
Always wear eye protection when near tools in use.



12 Point Full Polish Extra Short Combination Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
25-162	3/8	0.06	3.688	0.784	0.575	0.192	0.263
25-164	7/16	0.08	4.000	0.909	0.664	0.231	0.294
25-166	1/2	0.10	4.188	1.044	0.737	0.228	0.327
25-168	9/16	0.14	4.438	1.182	0.834	0.253	0.357
25-170	5/8	0.18	4.813	1.303	0.927	0.306	0.381
25-172	11/16	0.21	5.000	1.442	0.994	0.308	0.427
25-174	3/4	0.28	5.438	1.563	1.061	0.351	0.473

ASME B107.6 Fed'l Spec. GGG-W-636e

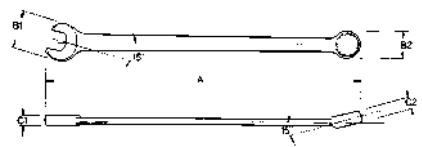




6 Point Full Polish Regular Length Combination Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
25-004	1/8	0.01	3.000	0.281	0.234	0.094	0.109
25-005	5/32	0.01	3.000	0.359	0.281	0.125	0.140
25-006	3/16	0.02	3.188	0.461	0.344	0.140	0.156
25-007	7/32	0.02	3.375	0.510	0.375	0.156	0.171
25-008	1/4	0.04	3.960	0.530	0.410	0.180	0.240
25-010	5/16	0.05	4.360	0.650	0.510	0.200	0.270
25-011	11/32	0.06	4.880	0.710	0.560	0.190	0.250
25-012	3/8	0.10	5.510	0.800	0.660	0.230	0.290
25-014	7/16	0.11	5.800	0.980	0.680	0.240	0.300
25-016	1/2	0.15	6.520	1.140	0.810	0.270	0.340
25-018	9/16	0.20	7.090	1.290	0.890	0.290	0.350
25-020	5/8	0.30	7.950	1.430	0.980	0.310	0.390
25-022	11/16	0.36	8.750	1.560	1.010	0.310	0.440
25-024	3/4	0.42	9.640	1.720	1.100	0.340	0.480
25-026	13/16	0.58	10.930	1.810	1.220	0.360	0.540
25-028	7/8	0.67	11.470	1.828	1.280	0.370	0.550
25-030	15/16	0.81	12.520	1.920	1.360	0.390	0.590
25-032	1	1.00	13.560	2.050	1.450	0.410	0.620

ASME B107.6 Fed'l Spec. GGG-W-636e

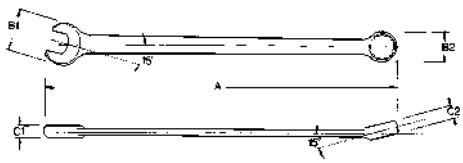




12 Point Full Polish Regular Length Combination Wrench — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End (mm)
52-106	6	16	100.6	13.5	10.4	4.6	6.1
52-107	7	20	106.9	14.0	11.9	4.6	6.1
52-108	8	23	110.7	13.5	13.0	5.1	6.9
52-109	9	27	124.0	18.0	14.2	4.8	6.4
52-110	10	46	140.0	20.3	16.8	5.8	7.4
52-111	11	50	147.3	22.9	17.3	6.1	7.6
52-112	12	60	158.0	23.9	19.3	6.6	8.1
52-113	13	67	165.6	24.9	20.6	6.9	8.6
52-114	14	88	180.1	29.0	22.6	7.4	8.9
52-115	15	103	191.0	31.5	24.4	7.6	9.7
52-116	16	134	201.9	32.8	24.9	7.9	9.9
52-117	17	140	212.9	34.8	24.9	7.4	10.9
52-118	18	163	222.3	36.3	25.7	7.9	11.2
52-119	19	190	244.9	39.6	27.9	9.1	12.2
52-120	20	207	260.9	41.7	29.0	8.6	12.7
52-121	21	261	277.6	43.7	31.0	9.1	13.7
52-122	22	304	291.3	46.0	32.5	9.4	14.0
52-123	23	326	308.4	48.0	33.5	9.7	14.5
52-124	24	367	318.0	48.8	34.5	9.9	15.0
52-125	25	455	344.4	52.1	36.8	10.4	15.7

ASME B107.9m



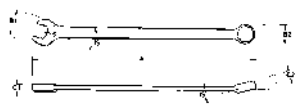
Always wear eye protection when near tools in use.



6 Point Full Polish Regular Length Combination Wrench — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End(mm)
52-004	4	5	76.2	9.1	7.1	3.2	3.5
52-005	5	9	80.1	11.7	8.7	3.6	4.0
52-083	5.5	11	85.7	13.0	9.5	3.9	4.3
52-006	6	16	100.6	13.5	10.4	4.6	6.1
52-007	7	20	106.9	14.0	11.9	4.6	6.1
52-008	8	23	110.7	13.5	13.0	5.1	6.9
52-009	9	27	124.0	18.0	14.2	4.8	6.4
52-010	10	46	140.0	20.3	16.8	5.8	7.4
52-011	11	50	147.3	22.9	17.3	6.1	7.6
52-012	12	60	158.0	23.9	19.3	6.6	8.1
52-013	13	67	165.6	24.9	20.6	6.9	8.6
52-014	14	88	180.1	29.0	22.6	7.4	8.9
52-015	15	103	191.0	31.5	24.4	7.6	9.7
52-016	16	134	201.9	32.8	24.9	7.9	9.9
52-017	17	140	212.9	34.8	24.9	7.4	10.9
52-018	18	163	222.3	36.3	25.7	7.9	11.2
52-019	19	190	244.9	39.6	27.9	9.1	12.2
52-020	20	207	260.9	41.7	29.0	8.6	12.7
52-021	21	261	277.6	43.7	31.0	9.1	13.7
52-022	22	304	291.3	46.0	32.5	9.4	14.0
52-023	23	326	308.4	48.0	33.5	9.7	14.5
52-024	24	367	318.0	48.8	34.5	9.9	15.0
52-025	25	455	344.4	52.1	36.8	10.4	15.7

ASME B107.9m

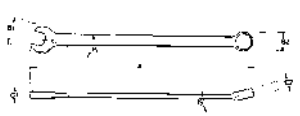




12 Point Full Polish Extra Short Combination Wrench — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End(mm)
52-160	10	25	96.0	21.1	15.2	5.0	6.6
52-161	11	37	101.6	23.4	16.7	5.7	7.3
52-162	12	48	105.6	25.6	18.0	5.9	7.8
52-163	13	52	108.7	27.8	19.3	6.0	8.3
52-164	14	62	114.3	28.9	20.8	6.9	9.0
52-165	15	71	118.3	30.9	22.1	7.3	9.4
52-166	16	82	122.2	32.9	23.5	7.7	9.8
52-167	17	94	125.4	35.3	24.9	9.0	10.5
52-168	18	98	130.2	37.7	26.4	8.2	11.3
52-169	19	129	138.1	39.4	27.8	8.9	11.7

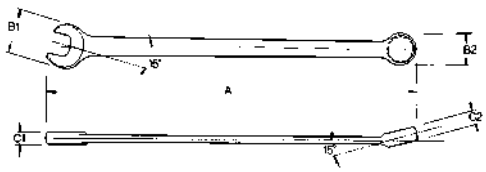
ASME B107.9m





12 Point Satin Finish Regular Length Combination Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
30-308	1/4	0.04	3.960	0.530	0.410	0.180	0.240
30-310	5/16	0.05	4.360	0.650	0.510	0.200	0.270
30-311	11/32	0.06	4.880	0.710	0.560	0.190	0.250
30-312	3/8	0.10	5.510	0.800	0.660	0.230	0.290
30-314	7/16	0.11	5.800	0.980	0.680	0.240	0.300
30-316	1/2	0.15	6.520	1.140	0.810	0.270	0.340
30-318	9/16	0.20	7.090	1.290	0.890	0.290	0.350
30-320	5/8	0.30	7.950	1.430	0.980	0.310	0.390
30-322	11/16	0.36	8.750	1.560	1.010	0.310	0.440
30-324	3/4	0.42	9.640	1.720	1.100	0.340	0.480
30-326	13/16	0.58	10.930	1.810	1.220	0.360	0.540
30-328	7/8	0.67	11.470	1.828	1.280	0.370	0.550
30-330	15/16	0.81	12.520	1.920	1.360	0.390	0.590
30-332	1	1.00	13.560	2.050	1.450	0.410	0.620

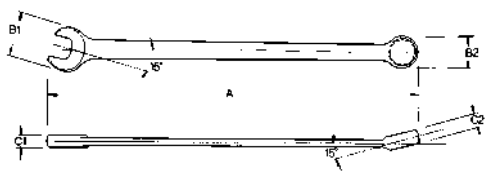


Always wear eye protection when near tools in use.



12 Point Satin Finish Regular Length Combination Wrench — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End(mm)
56-406	6	16	100.6	13.5	10.4	4.6	6.1
56-407	7	20	106.9	14.0	11.9	4.6	6.1
56-408	8	23	110.7	13.5	13.0	5.1	6.9
56-409	9	27	124.0	18.0	14.2	4.8	6.4
56-410	10	46	140.0	20.3	16.8	5.8	7.4
56-411	11	50	147.3	22.9	17.3	6.1	7.6
56-412	12	60	158.0	23.9	19.3	6.6	8.1
56-413	13	67	165.6	24.9	20.6	6.9	8.6
56-414	14	88	180.1	29.0	22.6	7.4	8.9
56-415	15	103	191.0	31.5	24.4	7.6	9.7
56-416	16	134	201.9	32.8	24.9	7.9	9.9
56-417	17	140	212.9	34.8	24.9	7.4	10.9
56-418	18	163	222.3	36.3	25.7	7.9	11.2
56-419	19	190	244.9	39.6	27.9	9.1	12.2
56-420	20	207	260.9	41.7	29.0	8.6	12.7
56-421	21	261	277.6	43.7	31.0	9.1	13.7
56-422	22	304	291.3	46.0	32.5	9.4	14.0
56-423	23	326	308.4	48.0	33.5	9.7	14.5
56-424	24	367	318.0	48.8	34.5	9.9	15.0
56-425	25	455	344.4	52.1	36.8	10.4	15.7

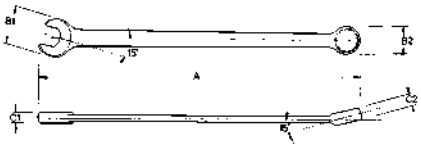




12 Point Black Oxide Regular Length Combination Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
30-108	1/4	0.02	3.500	0.625	0.437	0.156	0.219
30-110	5/16	0.03	4.000	0.781	0.531	0.188	0.279
30-112	3/8	0.06	4.250	0.844	0.625	0.210	0.296
30-114	7/16	0.07	5.062	0.969	0.719	0.245	0.344
30-116	1/2	0.11	5.500	1.078	0.812	0.250	0.359
30-118	9/16	0.15	5.937	1.234	0.875	0.281	0.373
30-120	5/8	0.16	6.312	1.375	0.984	0.312	0.437
30-122	11/16	0.24	7.125	1.500	1.047	0.312	0.469
30-124	3/4	0.26	7.375	1.625	1.156	0.328	0.500
30-126	13/16	0.37	7.500	1.828	1.234	0.375	0.594
30-128	7/8	0.49	7.875	1.828	0.133	0.390	0.594
30-130	15/16	0.68	8.250	2.000	1.406	0.438	0.625
30-132	1	0.76	8.625	2.062	1.500	0.453	0.656

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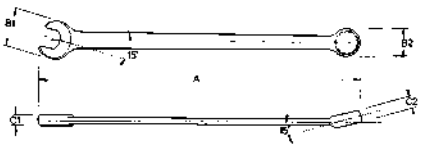




12 Point Black Oxide Regular Length Combination Wrench METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Width Open End (mm)	B2 Width Box End (mm)	C1 Thickness Open End (mm)	C2 Thickness Box End(mm)
56-306	6	16	100.6	13.5	10.4	4.6	6.1
56-307	7	20	106.9	14.0	11.9	4.6	6.1
56-308	8	23	110.7	13.5	13.0	5.1	6.9
56-309	9	27	124.0	18.0	14.2	4.8	6.4
56-310	10	46	140.0	20.3	16.8	5.8	7.4
56-311	11	50	147.3	22.9	17.3	6.1	7.6
56-312	12	60	158.0	23.9	19.3	6.6	8.1
56-313	13	67	165.6	24.9	20.6	6.9	8.6
56-314	14	88	180.1	29.0	22.6	7.4	8.9
56-315	15	103	191.0	31.5	24.4	7.6	9.7
56-316	16	134	201.9	32.8	24.9	7.9	9.9
56-317	17	140	212.9	34.8	24.9	7.4	10.9
56-318	18	163	222.3	36.3	25.7	7.9	11.2
56-319	19	190	244.9	39.6	27.9	9.1	12.2
56-320	20	207	260.9	41.7	29.0	8.6	12.7
56-321	21	261	277.6	43.7	31.0	9.1	13.7
56-322	22	304	291.3	46.0	32.5	9.4	14.0
56-323	23	326	308.4	48.0	33.5	9.7	14.5
56-324	24	367	318.0	48.8	34.5	9.9	15.0
56-325	25	455	344.4	52.1	36.8	10.4	15.7

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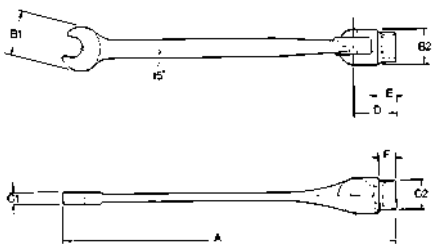


Always wear eye protection when near tools in use.



12 Point Full Polish Flex Head Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Hd. Width Wrench (in)	B2 Socket End (in)	C1 Head Thkns. (in)	C2 Socket Nose Dia. (in)	D Wrench Depth (in)	E Length to Shoulder (in)
25-508	1/4	0.14	4.718	0.625	0.500	0.180	0.375	0.656	0.250
25-510	5/16	0.16	5.562	0.781	0.562	0.195	0.452	0.656	0.250
25-512	3/8	0.17	6.343	0.875	0.562	0.210	0.562	0.656	-
25-514	7/16	0.22	7.125	0.968	0.738	0.245	0.625	0.875	0.375
25-516	1/2	0.28	8.281	1.078	0.738	0.260	0.738	0.875	-
25-518	9/16	0.38	8.703	1.234	0.875	0.286	0.781	1.062	0.500
25-520	5/8	0.44	9.484	1.375	0.875	0.296	0.875	1.062	-
25-522	11/16	0.60	10.265	1.500	0.984	0.312	0.984	1.187	-
25-524	3/4	0.62	11.046	1.625	1.046	0.344	1.046	1.187	-
25-526	13/16	0.94	11.875	1.812	1.125	0.375	1.125	1.438	-
25-528	7/8	1.10	12.750	1.812	1.187	0.390	1.187	1.500	-





Set 26-852
7 Pc. 12 Point Full Polish 15° Offset Box Wrench Set

Approximate Weight, 3.87 lbs.

Product Number	Opening, Inches
26-643	3/8 x 7/16
26-658	7/16 x 1/2
26-679	9/16 x 5/8
26-706	11/16 x 3/4
26-733	13/16 x 7/8
26-751	15/16 x 1
26-766	1-1/16 x 1-1/8

Vinyl Roll
29-428



Set 26-849
5 Pc. 12 Point Full Polish 15° Offset Box Wrench Set

Approximate Weight, 3.87 lbs.

Product Number	Opening, Inches
26-643	3/8 x 7/16
26-658	7/16 x 1/2
26-679	9/16 x 5/8
26-706	11/16 x 3/4
26-733	13/16 x 7/8

Vinyl Roll
29-421

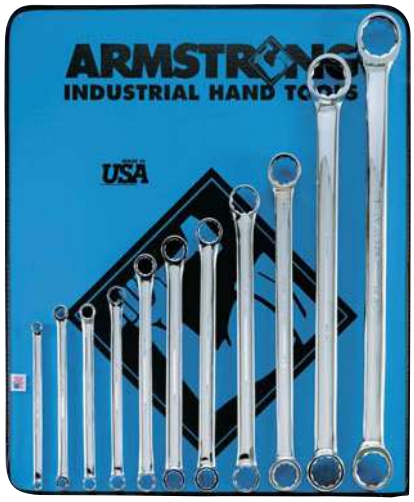
Always wear eye protection when near tools in use.

Set 53-845 — METRIC
11 Pc. 12 Point Full Polish 15° Offset Box Wrench Set

Approximate Weight, 4.26 lbs. (1,934 g)

Product Number	Opening, mm	Product Number	Opening, mm
53-616	6 x 7	53-691	17 x 19
53-622	8 x 9	53-719	21 x 23
53-634	10 x 11	53-727	22 x 24
53-652	12 x 13	53-762	27 x 30
53-667	14 x 15	53-775	30 x 32
53-685	16 x 18		

Vinyl Roll
29-458



Set 53-843 — METRIC
7 Pc. 12 Point Full Polish 15° Offset Box Wrench Set

Approximate Weight, 1.60 lbs. (726 g)

Product Number	Opening, mm	Product Number	Opening, mm
53-616	6 x 7	53-667	14 x 15
53-622	8 x 9	53-685	16 x 18
53-634	10 x 11	53-691	17 x 19
53-652	12 x 13		

Vinyl Roll
29-432



Set 53-841 — METRIC
5 Pc. 12 Point Full Polish 15° Offset Box Wrench Set

Approximate Weight, 1.60 lbs. (726 g)

Product Number	Opening, mm	Product Number	Opening, mm
53-616	6 x 7	53-652	12 x 13
53-622	8 x 9	53-667	14 x 15
53-634	10 x 11		

Vinyl Roll
29-420





Set 27-570
6 Pc. 12 Point Full Polish 45° Offset Box Wrench Set

Approximate Weight, 2.70 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
27-343	3/8 x 7/16	27-424	3/4 x 7/8
27-367	1/2 x 9/16	27-451	15/16 x 1
27-394	5/8 x 11/16	27-466	1-1/16 x 1-1/8

Vinyl Roll
29-424



Set 54-573 METRIC
9 Pc. 12 Point Full Polish 45° Offset Box Wrench Set

Approximate Weight, 5.20 lbs. (2,338 g)

Product Number	Opening, mm	Product Number	Opening, mm
54-322	8 x 9	54-391	17 x 19
54-334	10 x 11	54-415	20 x 22
54-352	12 x 13	54-419	21 x 23
54-367	14 x 15	54-445	24 x 27
54-385	16 x 18		

Vinyl Roll
29-442



Set 54-571 METRIC
6 Pc. 12 Point Full Polish 45° Offset Box Wrench Set

Approximate Weight, 1.90 lbs. (840 g)

Product Number	Opening, mm	Product Number	Opening, mm
54-334	10 x 11	54-385	16 x 18
54-355	12 x 14	54-391	17 x 19
54-361	13 x 15	54-433	23 x 24

Vinyl Roll
29-424

Always wear eye protection when near tools in use.

Set 27-635
5 Pc. 25° Offset Ratcheting Box Wrench Set

Approximate Weight, 2.20 lbs.

6-Pt. Offset

Product Number	Opening, Inches
27-613	1/4 x 5/16
27-616	3/8 x 7/16
27-619	1/2 x 9/16

12-Pt. Offset

Product Number	Opening, Inches
27-622	5/8 x 11/16
27-626	3/4 x 7/8

Vinyl Roll

29-420



Set 54-668 METRIC
7 Pc. 25° Offset Ratcheting Box Wrench Set

Approximate Weight, 3.60 lbs. (1,631 g)

6-Pt. Offset

Product Number	Opening, mm
54-637	7 x 8
54-640	9 x 10
54-643	11 x 12
54-646	13 x 14

12-Pt. Offset

Product Number	Opening, mm
54-649	15 x 17
54-652	16 x 18
54-655	19 x 21

Vinyl Roll

29-436





Set 27-605
3 Pc. Ratcheting Box Wrench Set

Approximate Weight, 1.10 lbs.

Product Number	Opening, Inches
27-591	3/8 x 7/16
27-594	1/2 x 9/16

Product Number	Opening, Inches
27-599	5/8 x 3/4

Vinyl Roll
29-472



Set 27-608
5 Pc. Ratcheting Box Wrench Set

Approximate Weight, 1.90 lbs.

Product Number	Opening, Inches
27-588	1/4 x 5/16
27-591	3/8 x 7/16
27-594	1/2 x 9/16

Product Number	Opening, Inches
27-596	5/8 x 11/16
27-602	3/4 x 7/8

Vinyl Roll
29-420



Set 54-608 METRIC
5 Pc. Ratcheting Box Wrench Set

Approximate Weight, 1.80 lbs. (794 g)

Product Number	Opening, mm	
54-587	7 x 8	6 Pt
54-590	9 x 10	6 Pt
54-593	11 x 12	6 Pt

Product Number	Opening, mm	
54-596	13 x 14	6 Pt
54-599	15 x 17	12 Pt

Vinyl Roll
29-420

Always wear eye protection when near tools in use.

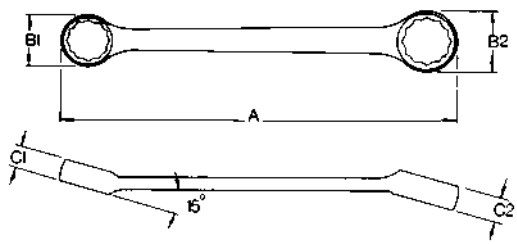


12 Point Full Polish 15° Offset Box Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
26-643	3/8 x 7/16	0.12	7.750	0.562	0.656	0.296	0.312
26-658	7/16 x 1/2	0.15	8.453	0.656	0.734	0.312	0.328
26-667	1/2 x 9/16	0.17	9.140	0.734	0.844	0.328	0.359
26-679	9/16 x 5/8	0.30	9.812	0.844	0.906	0.359	0.396
26-697	5/8 x 3/4	0.44	10.562	0.906	1.062	0.390	0.453
26-706	11/16 x 3/4	0.44	11.188	1.000	1.062	0.406	0.453
26-724	3/4 x 7/8	0.58	12.656	1.062	1.250	0.453	0.468
26-733	13/16 x 7/8	0.64	12.656	1.125	1.250	0.468	0.468
26-751	15/16 x 1	0.75	15.375	1.312	1.437	0.515	0.531
26-754	15/16 x 1-1/16	0.97	15.500	1.375	1.531	0.562	0.594
26-763	1 x 1-1/8	1.30	16.625	1.500	1.562	0.656	0.703
26-766	1-1/16 x 1-1/8	1.22	17.000	1.500	1.562	0.656	0.703
26-769*	1-1/16 x 1-1/4	1.59	17.250	1.531	1.812	0.625	0.718
26-775*	1-1/8 x 1-5/16	1.61	17.250	1.531	1.812	0.625	0.718
26-778*	1-1/4 x 1-5/16	2.41	19.000	1.843	2.000	0.750	0.812
26-793*	1-7/16 x 1-1/2	2.87	21.500	2.093	2.250	0.937	1.000
26-799*	1-7/16 x 1-5/8	2.89	21.500	2.093	2.250	0.937	1.000

ASME B107.6 Fed'l Spec. GGG-W-636e

*Satin Finish

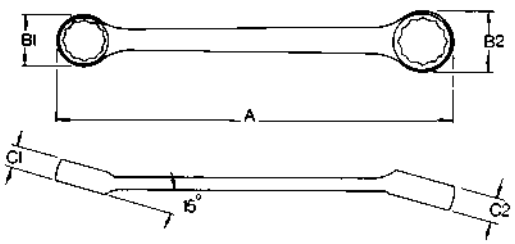




12 Point Full Polish 15° Offset Short Box Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Width Open End (in)	B2 Width Box End (in)	C1 Thickness Open End (in)	C2 Thickness Box End (in)
26-543	3/8 x 7/16	0.05	4.750	0.560	0.656	0.281	0.281
26-558	7/16 x 1/2	0.10	5.000	0.750	0.656	0.312	0.281
26-567	1/2 x 9/16	0.09	5.500	0.750	0.812	0.312	0.343
26-579	9/16 x 5/8	0.12	6.000	0.828	0.937	0.343	0.375

ASME B107.6 Fed'l Spec. GGG-W-636e



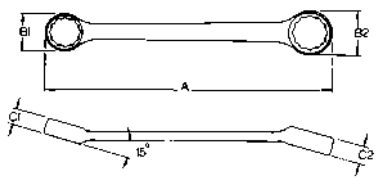
Always wear eye protection when near tools in use.



12 Point Full Polish 15° Offset Box Wrench — METRIC

Product Number	Opening mm	Weight g	A Overall Length	B1 Box End Width	B2 Box End Width	C1 Box End Thickness	C2 Box End Thickness
53-616	6 x 7	54	179.4	11.1	13.5	6.4	6.4
53-622	8 x 9	68	193.7	14.3	16.6	7.1	7.1
53-634	10 x 11	54	196.9	14.3	16.6	7.5	7.9
53-652	12 x 13	68	214.7	16.7	18.6	7.9	8.3
53-661	13 x 15	77	246.0	19.0	23.0	8.7	10.1
53-667	14 x 15	136	246.0	19.0	23.0	8.7	10.1
53-685	16 x 18	200	268.3	23.0	27.0	9.9	11.5
53-691	17 x 19	200	284.2	25.4	27.0	10.3	11.5
53-715	20 x 22	222	321.5	27.0	31.8	11.5	11.9
53-719	21 x 23	291	321.5	28.6	31.8	11.9	11.9
53-727	22 x 24	381	349.2	34.9	36.5	14.3	15.1
53-742	24 x 26	358	390.5	33.3	36.5	13.1	13.5
53-762	27 x 30	572	438.2	38.9	46.0	15.9	18.2
53-775	30 x 32	725	482.6	46.8	50.8	19.0	20.6

ASME B107.9m





12 Point Full Polish 45° Offset Short Box Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Box End Width (in)	B2 Box End Width (in)	C1 Box End Thkns (in)	C2 Box End Thkns (in)	Offset C (in)	Offset C (in)
27-143	3/8 x 7/16	0.06	4.500	0.625	0.687	0.281	0.328	0.875	0.875
27-158	7/16 x 1/2	0.12	5.500	0.750	0.843	0.343	0.375	1.156	1.296
27-167	1/2 x 9/16	0.16	5.500	0.750	0.843	0.343	0.375	1.156	1.296
27-194	5/8 x 11/16	0.15	6.062	0.921	1.000	0.375	0.406	1.531	1.531

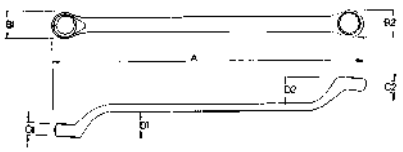
ASME B107.6 Fed'l Spec. GGG-W-636e



12 Point Full Polish 45° Offset Long Box Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Box End Width (in)	B2 Box End Width (in)	C1 Box End Thkns (in)	C2 Box End Thkns (in)	Offset C (in)	Offset C (in)
27-334	5/16 x 3/8	0.08	6.750	0.500	0.578	0.250	0.281	0.875	0.875
27-343	3/8 x 7/16	0.13	7.312	0.562	0.656	0.296	0.312	1.062	1.062
27-358	7/16 x 1/2	0.17	7.937	0.625	0.718	0.312	0.328	1.312	1.437
27-367	1/2 x 9/16	0.19	8.670	0.734	0.844	0.344	0.359	1.437	1.562
27-379	9/16 x 5/8	0.30	9.250	0.844	0.906	0.359	0.396	1.593	1.687
27-394	5/8 x 11/16	0.33	9.844	0.906	1.000	0.406	0.437	1.312	1.343
27-397	5/8 x 3/4	0.45	10.375	0.906	1.062	0.406	0.468	1.687	1.875
27-406	11/16 x 3/4	0.47	10.375	0.906	1.062	0.406	0.468	1.750	1.875
27-424	3/4 x 7/8	0.68	11.500	1.062	1.250	0.484	0.515	1.875	2.125
27-451	15/16 x 1	1.00	14.500	1.312	1.375	0.562	0.594	2.500	2.500
27-466	1-1/16x1-1/8	1.64	17.000	1.500	1.562	0.688	0.718	2.375	1.875
27-469	1-1/16x1-1/4	1.77	18.000	1.656	2.000	0.718	0.750	2.593	2.562
27-475	1-1/8x1-5/16	1.75	18.000	1.656	2.000	0.718	0.750	2.593	2.562
27-481	1-1/4x1-7/16	1.75	19.000	1.812	2.062	0.750	0.812	2.937	3.187

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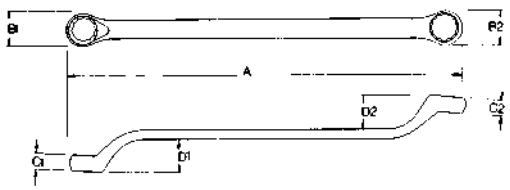
Always wear eye protection when near tools in use.



12 Point Full Polish 45° Offset Box Wrench — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Box End Width (mm)	B2 Box End Width (mm)	C1 Box End Thkns (mm)	C2 Box End Thkns (mm)	D1 Offset H (mm)	Offset C (mm)	D2 Offset H (mm)	Offset C (mm)
54-322	8 x 9	36	190.5	13.0	15.0	5.9	6.4	15.9	22.2	15.9	22.2
54-334	10 x 11	59	185.7	14.3	16.7	7.5	7.9	15.9	26.9	15.9	26.9
54-352	12 x 13	77	201.6	15.9	18.2	7.9	8.3	17.9	36.5	17.9	39.6
54-355	12 x 14	86	220.2	18.6	21.4	8.7	9.1	19.0	36.5	19.0	39.6
54-361	13 x 15	136	227.8	19.0	23.0	8.7	10.0	19.0	36.5	19.0	39.6
54-367	14 x 15	159	227.8	19.0	23.0	8.7	10.0	19.0	33.3	19.0	34.1
54-385	16 x 18	195	250.0	23.0	25.4	10.3	11.1	23.8	42.8	23.8	47.6
54-391	17 x 19	218	275.4	25.4	27.0	11.1	11.9	28.6	44.4	28.6	47.6
54-406	19 x 22	318	292.1	27.0	31.8	12.3	13.1	28.6	47.6	28.6	53.9
54-415	20 x 22	308	339.7	28.6	33.3	13.0	18.8	28.6	46.0	28.6	47.6
54-418	21 x 22	345	336.5	30.5	32.9	13.1	14.3	25.4	46.0	27.0	47.6
54-419	21 x 23	311	336.5	30.5	32.9	13.1	14.3	25.4	46.0	27.0	47.6
54-433	23 x 24	390	346.0	32.5	34.9	14.3	15.1	31.8	63.5	31.8	63.5
54-445	24 x 27	508	397.7	34.9	38.5	15.9	17.5	32.5	32.6	35.3	35.5
54-462	27 x 30	745	457.2	42.9	47.6	18.3	19.0	36.5	65.8	36.5	65.1
54-475	30 x 32	803	457.2	42.9	47.6	18.3	19.0	36.5	65.8	36.5	65.1

ASME B107.9m





12 Point Satin Finish Halfmoon Wrench

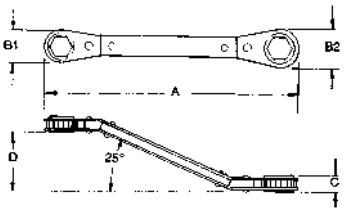
Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Box End Width (in)	B2 Box End Width (in)	C1 Box End Thickness (in)	C2 Box End Thickness (in)
27-264	7/16 x 1/2	0.19	5.830	0.660	0.750	0.322	0.322
27-268	9/16 x 5/8	0.39	7.870	0.840	0.946	0.370	0.370



6 or 12 Point 25° Offset Ratcheting Box Wrench

Product Number	Opening Inches	Weight, lbs.	A Overall Length (in)	B1 Head Width (in)	B2 Head Width (in)	C Head Thickness (in)	D Offset Height (in)
27-613*	1/4 x 5/16	0.13	4.093	0.593	0.656	0.312	0.875
27-614	1/4 x 5/16	0.13	4.328	0.625	0.375	0.375	0.875
27-616*	3/8 x 7/16	0.18	5.218	0.781	0.875	0.312	1.250
27-617	3/8 x 7/16	0.18	5.968	0.796	0.906	0.375	1.250
27-619*	1/2 x 9/16	0.46	6.468	1.000	1.125	0.375	1.437
27-620	1/2 x 9/16	0.46	6.515	1.015	1.156	0.500	1.437
27-622	5/8 x 11/16	0.66	7.656	1.281	1.437	0.375	1.181
27-624	5/8 x 3/4	0.68	7.656	1.281	1.437	0.375	1.181
27-626	3/4 x 7/8	0.75	8.750	1.406	1.562	0.375	2.250
27-628	13/16 x 15/16	0.75	8.750	1.406	1.562	0.375	2.250

*6 Point

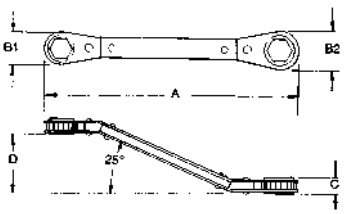




6 or 12 Point 25° Offset Ratcheting Box Wrench METRIC

Product Number	Opening Inches	Weight, g	A Overall Length (mm)	B1 Head Width (mm)	B2 Head Width (mm)	C Head Thickness (mm)	D Offset Height (mm)
54-637*	7 x 8	63	104.0	15.1	16.7	7.9	22.2
54-640*	9 x 10	100	132.6	19.8	22.2	7.9	28.6
54-643*	11 x 12	208	164.3	25.4	28.6	9.5	36.5
54-646*	13 x 14	195	164.3	25.4	28.6	9.5	36.5
54-649	15 x 17	313	194.5	32.5	36.5	9.5	47.6
54-652	16 x 18	299	194.5	32.5	36.5	9.5	47.6
54-655	19 x 21	362	222.3	35.7	39.7	9.5	57.2

* 6 Point



Always wear eye protection when near tools in use.



12 Point Ratcheting Box Wrench

Product Number	Opening Inches	Overall Length (in)	Weight lbs.
27-588	1/4 x 5/16	4.380	0.13
27-591	3/8 x 7/16	5.510	0.15
27-594	1/2 x 9/16	6.860	0.30
27-596	5/8 x 11/16	8.130	0.45
27-599	5/8 x 3/4	8.130	0.45
27-601	13/16 x 15/16	9.250	0.46
27-602	3/4 x 7/8	9.250	0.50
27-603	1 x 1-1/16	15.250	1.40
27-604	1-1/8 x 1-1/4	15.000	1.26



6 or 12 Point Ratcheting Box Wrench — METRIC

Product Number	Opening mm	Overall Length (mm)	Weight g
54-587*	7 x 8	111.2	63
54-590*	9 x 10	139.7	91
54-593*	11 x 12	174.8	136
54-596*	13 x 14	174.8	136
54-599	15 x 17	206.5	204
54-602	16 x 18	203.2	195
54-605	19 x 21	234.9	222

*Has 6-point openings



Refrigeration Ratcheting Box Wrenches

4-sizes-in-1 ratcheting box wrenches with “finger-tip” reversing feature on both ends. Designed for servicing automotive, commercial, and home air conditioners, refrigeration units and freezers. Hex openings are for packing gland fittings, mounting bolts and compressors, clutch bolts, various tube fittings, dust cap nuts, oil check plugs and other adaptations. Square openings are used on male service valves, plug fittings, compressor valves and refrigerant charging tanks.

Product Number	Description	Length Inches	Weight lbs.
27-663	1/4" - 3/16" Sq x 9/16" - 1/2" Hex, both ends reversible	6.750	0.50
27-664	3/8" - 5/16" Sq x 1/4" - 3/16" Sq, both ends reversible	5.500	0.25
27-665	3/8" - 5/16" Sq x 1/4" - 3/16" Sq, Offset style - both ends reversible	5.500	0.25



Set 26-282
10 Pc. Full Polish Open End Wrench Set

Approximate Weight, 8.01 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
26-022	1/4 x 5/16	26-139	7/8 x 15/16
26-043	3/8 x 7/16	26-163	1 x 1-1/8
26-067	1/2 x 9/16	26-169	1-1/16 x 1-1/4
26-094	5/8 x 11/16	26-187	1-5/16 x 1-1/2
26-121	3/4 x 13/16	26-190	1-3/8 x 1-7/16

Vinyl Roll
29-454



Set 26-273
5 Pc. Full Polish Open End Wrench Set

Approximate Weight, 1.75 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
26-043	3/8 x 7/16	26-121	3/4 x 13/16
26-067	1/2 x 9/16	26-139	7/8 x 15/16
26-094	5/8 x 11/16		

Vinyl Roll
29-420



Set 53-273 METRIC
10 Pc. Full Polish Open End Wrench Set

Approximate Weight, 8.10 lbs. (1,848 g)

Product Number	Opening, mm	Product Number	Opening, mm
53-016	6 x 7	53-082	16 x 17
53-022	8 x 9	53-096	18 x 19
53-034	10 x 11	53-115	20 x 22
53-052	12 x 13	53-119	21 x 23
53-067	14 x 15	53-142	24 x 26

Vinyl Roll
29-452

Always wear eye protection when near tools in use.

Set 53-270 — METRIC
6 Pc. Full Polish Open End Wrench Set

Approximate Weight, 1.10 lbs. (499 g)

Product Number	Opening, mm	Product Number	Opening, mm
53-022	8 x 9	53-067	14 x 15
53-034	10 x 11	53-082	16 x 17
53-052	12 x 13	53-096	18 x 19

Vinyl Roll
29-422



Set 30-975
10 Pc. Black Oxide Open End Wrench Set

Approximate Weight, 9.01 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
30-734	5/16 x 3/8	30-851	15/16 x 1
30-758	7/16 x 1/2	30-869	1-1/16 x 1-1/4
30-779	9/16 x 5/8	30-872	1-1/8 x 1-1/4
30-806	11/16 x 3/4	30-896	1-7/16 x 1-5/8
30-824	3/4 x 7/8	30-902	1-1/2 x 1-5/8

Vinyl Roll
29-454



Set 30-973
5 Pc. Black Oxide Open End Wrench Set

Approximate Weight, 1.92 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
30-734	5/16 x 3/8	30-806	11/16 x 3/4
30-758	7/16 x 1/2	30-824	3/4 x 7/8
30-779	9/16 x 5/8		

Vinyl Roll
29-420





Set 27-770
8 Pc. Extra Thin Tappet Wrench Set

Approximate Weight, 2.96 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
27-643*	3/8 x 7/16	27-694*	5/8 x 11/16
27-667*	1/2 x 9/16	27-724*	3/4 x 7/8

*Furnished in pairs.

Vinyl Roll
29-440



Set 27-768
4 Pc. Extra Thin Tappet Wrench Set

Approximate Weight, 1.94 lbs.

Product Number	Opening, Inches
27-658	7/16 x 1/2
27-667*	1/2 x 9/16
27-679	9/16 x 5/8

*Furnished in pairs.

Vinyl Roll
29-416



Set 27-895
14 Pc. Full Polish 15° and 60° Angle Wrench Set

Approximate Weight, 8.27 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
27-812	3/8	27-826	13/16
27-814	7/16	27-828	7/8
27-816	1/2	27-830	15/16
27-818	9/16	27-832	1
27-820	5/8	27-834	1-1/16
27-822	11/16	27-836	1-1/8
27-824	3/4	27-840	1-1/4

Vinyl Roll
29-464

Always wear eye protection when near tools in use.

Set 27-885
7 Pc. Full Polish 15° and 60° Angle Wrench Set

Approximate Weight, 4.86 lbs.

Product Number	Opening, Inches
27-812	3/8
27-814	7/16
27-816	1/2
27-818	9/16
27-820	5/8
27-822	11/16
27-824	3/4

Vinyl Roll
29-436



Set 27-937
9 Pc. Full Polish 15° and 80° Miniature Angle Wrench Set

Approximate Weight, 0.61 lbs.

Product Number	Opening, Inches
27-907	7/32
27-904	15/64
27-908	1/4
27-909	9/32
27-910	5/16
27-911	11/32
27-912	3/8
27-914	7/16
27-916	1/2

Vinyl Roll
29-446



Set 27-945
13 Pc. Full Polish 15° and 80° Ignition Wrench Set

Approximate Weight, 0.92 lbs.

Product Number	Opening, Inches
27-903	13/64
27-904	15/64
27-907	7/32
27-908	1/4
27-909	9/32
27-910	5/16
27-911	11/32
27-912	3/8

Product Number	Description
67-830	Pliers-5" Ignition
58125	Bit Scrdr Phllp 1/4 Dr #1
66-202	Screwdriver
66-924	Screw Starter
2153	Ignition File

Vinyl Roll
29-460





Set 27-942
9 Pc. Full Polish 15° and 80° Ignition Wrench Set

Approximate Weight, 0.64 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
27-903	13/64	27-909	9/32
27-907	7/32	27-910	5/16
27-904	15/64	27-911	11/32
27-908	1/4	27-912	3/8

Product Number	Description
67-830	Pliers-5" Ignition

Vinyl Roll
29-444



Set 27-943
14 Pc. Full Polish 15° and 80° Miniature Angle Wrench Set

Approximate Weight, 1.05 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
27-903	13/64	27-911	11/32
27-904	15/64	27-912	3/8
27-906	3/16	27-914	7/16
27-907	7/32	27-916	1/2
27-908	1/4	27-918	9/16
27-909	9/32	27-920	5/8
27-910	5/16		

Product Number	Description
67-717	Angle Nose Pliers-5" Ignition

Vinyl Roll
29-460



Set 54-941 METRIC
7 Pc. Full Polish 15° and 80° Miniature Open End Wrench Set

Approximate Weight, 0.30 lbs. (118 g)

Product Number	Opening, mm	Product Number	Opening, mm
54-902	5.5	54-909	9
54-906	6	54-910	10
54-907	7	54-911	11
54-908	8		

Vinyl Roll
29-434

Always wear eye protection when near tools in use.

Set 28-155
5 Pc. Full Polish Double Head Flare Nut Wrench Set

Approximate Weight, 2.45 lbs.

Product Number	Opening, Inches
28-130	3/8 x 7/16
28-135	1/2 x 9/16
28-140	5/8 x 11/16

Product Number	Opening, Inches
28-145*	3/4 x 1
28-150*	7/8 x 1-1/8

*12 Point

Vinyl Roll
29-420



Set 28-153
3 Pc. 6 Point Full Polish Double Head Flare Nut Wrench Set

Approximate Weight, 2.45 lbs.

Product Number	Opening, Inches
28-130	3/8 x 7/16
28-135	1/2 x 9/16
28-140	5/8 x 11/16

Vinyl Roll
29-472



Set 28-250
7 Pc. 6 Point Full Polish Combination Flare Nut Wrench Set

Approximate Weight, 3.60 lbs.

Product Number	Opening, Inches
28-212	3/8
28-214	7/16
28-216	1/2
28-218	9/16

Product Number	Opening, Inches
28-220	5/8
28-222	11/16
28-224	3/4

Vinyl Roll
29-436

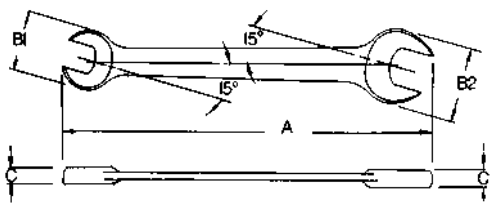




Full Polish Open End Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Head Width (in)	B2 Head Width (in)	C Head Thickness (in)
26-007	3/16 x 1/4	0.02	3.875	0.531	0.453	0.156
26-022	1/4 x 5/16	0.02	3.875	0.672	0.562	0.156
26-031	5/16 x 11/32	0.05	4.500	0.812	0.687	0.188
26-034	5/16 x 3/8	0.05	4.500	0.812	0.687	0.203
26-043	3/8 x 7/16	0.07	4.875	0.843	0.968	0.228
26-046	3/8 x 1/2	0.08	5.250	0.875	1.078	0.203
26-058	7/16 x 1/2	0.10	5.625	0.968	1.078	0.218
26-064	7/16 x 9/16	0.13	6.125	0.968	1.234	0.218
26-067	1/2 x 9/16	0.13	6.125	1.078	1.234	0.250
26-079	9/16 x 5/8	0.16	6.625	1.203	1.343	0.265
26-094	5/8 x 11/16	0.21	7.250	1.375	1.500	0.281
26-097	5/8 x 3/4	0.26	7.875	1.343	1.594	0.296
26-106	11/16 x 3/4	0.30	8.562	1.500	1.625	0.312
26-121	3/4 x 13/16	0.41	9.312	1.625	1.750	0.312
26-124	3/4 x 7/8	0.45	9.750	1.625	1.875	0.312
26-133	13/16 x 7/8	0.39	10.250	1.750	1.875	0.312
26-139	7/8 x 15/16	0.54	11.000	1.875	2.000	0.375
26-145	7/8 x 1-1/16	0.83	12.000	1.875	2.250	0.406
26-151	15/16 x 1	0.70	12.000	1.968	2.031	0.406
26-163	1 x 1-1/8	0.78	13.000	2.062	2.375	0.421
26-166	1-1/16 x 1-1/8	1.29	13.000	2.187	2.375	0.421
26-169	1-1/16 x 1-1/4	1.27	14.000	2.281	2.625	0.468
26-172	1-1/8 x 1-1/4	1.22	14.000	2.375	2.562	0.438
26-178	1-1/4 x 1-5/16	2.08	16.375	2.562	2.687	0.490
26-187	1-5/16 x 1-1/2	2.04	16.375	2.703	3.062	0.531
26-190	1-3/8 x 1-7/16	2.05	16.375	2.875	3.062	0.531
26-199*	1-7/16 x 1-5/8	2.67	18.250	2.875	3.187	0.593
26-202*	1-1/2 x 1-5/8	2.61	18.250	2.875	3.187	0.593

ASME B107.6 Fed'l Spec. GGG-W-636e
*Satin Finish



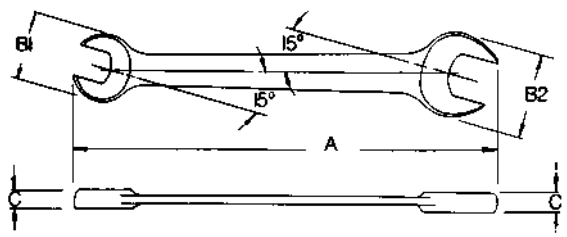
Always wear eye protection when near tools in use.



Full Polish Open End Wrench — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Head Width (mm)	B2 Head Width (mm)	C Head Thickness (mm)
53-009	5 x 5.5	9	98.4	11.5	13.5	3.9
53-016	6 x 7	9	98.4	11.5	13.5	3.9
53-019	7 x 8	23	98.4	15.1	17.8	3.9
53-022	8 x 9	23	114.3	17.4	20.6	5.1
53-025	8 x 10	23	114.3	17.4	20.6	5.1
53-034	10 x 11	32	123.8	22.2	24.6	5.1
53-046	11 x 13	45	142.8	24.6	27.4	5.5
53-052	12 x 13	59	155.5	27.4	31.3	6.3
53-055	12 x 14	59	155.5	27.4	31.3	6.3
53-061	13 x 15	73	155.5	27.4	31.3	6.3
53-064	13 x 17	95	168.2	31.3	34.9	6.7
53-067	14 x 15	91	168.2	31.3	34.9	6.7
53-082	16 x 17	91	184.1	34.9	38.1	7.1
53-085	16 x 18	109	200.0	34.9	41.3	7.5
53-091	17 x 19	122	200.0	34.9	41.3	7.5
53-096	18 x 19	113	217.5	38.1	41.3	7.9
53-106	19 x 22	204	247.6	41.3	47.6	7.9
53-115	20 x 22	190	247.6	41.3	47.6	7.9
53-119	21 x 23	254	260.3	43.6	47.6	7.9
53-127	22 x 24	245	279.4	47.6	50.8	9.5
53-142	24 x 26	318	304.8	47.6	57.1	7.9
53-145	24 x 27	376	304.8	47.6	57.1	10.3
53-162	27 x 30	568	355.6	60.3	65.1	11.9
53-175	30 x 32	557	355.6	60.3	65.1	11.9

ASME B107.9m

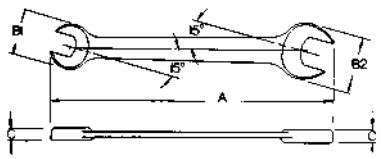




Black Oxide Open End Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Head Width (in)	B2 Head Width (in)	C Head Thickness (in)
30-734	5/16 x 3/8	0.05	4.500	0.812	0.687	0.203
30-743	3/8 x 7/16	0.06	4.875	0.844	0.968	0.228
30-758	7/16 x 1/2	0.11	5.625	0.968	1.078	0.218
30-767	1/2 x 9/16	0.14	6.125	1.078	1.234	0.250
30-779	9/16 x 5/8	0.17	6.625	1.203	1.343	0.265
30-794	5/8 x 11/16	0.23	7.250	1.375	1.500	0.281
30-797	5/8 x 3/4	0.27	7.875	1.343	1.594	0.296
30-806	11/16 x 3/4	0.32	8.562	1.500	1.625	0.312
30-824	3/4 x 7/8	0.44	9.750	1.625	1.875	0.312
30-851	15/16 x 1	0.73	10.875	1.875	1.975	0.375
30-869	1-1/16 x 1-1/4	1.30	14.000	2.062	2.312	0.468
30-872	1-1/8 x 1-1/4	1.38	14.000	2.062	2.312	0.468
30-896	1-7/16 x 1-5/8	2.73	18.250	2.875	3.187	0.593
30-902	1-1/2 x 1-5/8	2.56	18.250	2.875	3.187	0.593

ASME B107.6 Fed'l Spec. GGG-W-636e



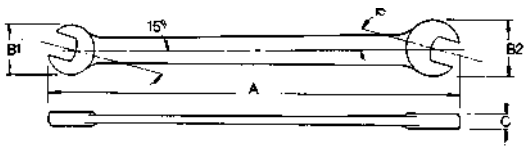


Double End Tappet Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Head Width (in)	B2 Head Width (in)	C Head Thickness (in)
27-643	3/8 x 7/16	0.15	10.000	0.810	0.930	0.210
27-658	7/16 x 1/2	0.12	10.000	0.930	1.130	0.210
27-667	1/2 x 9/16	0.13	10.000	1.060	1.170	0.210
27-679	9/16 x 5/8	0.20	10.000	1.170	1.310	0.210
27-694	5/8 x 11/16	0.20	10.000	1.310	1.440	0.220
27-724	3/4 x 7/8	0.39	10.000	1.550	1.680	0.220
27-751	15/16 x 1	0.31	9.000	1.840	1.940	0.220

ASME B107.6 Fed'l Spec. GGG-W-636e

Satin Finish Wrenches



Always wear eye protection when near tools in use.

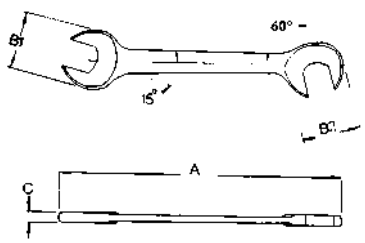


Full Polish 15° & 60° Open End Angle Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Head Width (in)	C Head Thickness (in)
27-812	3/8	0.08	5.000	0.750	0.203
27-814	7/16	0.12	5.500	0.906	0.250
27-816	1/2	0.16	6.062	1.031	0.250
27-818	9/16	0.22	6.500	1.188	0.266
27-820	5/8	0.28	7.062	1.281	0.266
27-822	11/16	0.36	7.500	1.422	0.297
27-824	3/4	0.44	8.000	1.547	0.297
27-826	13/16	0.50	8.562	1.672	0.297
27-828	7/8	0.61	9.125	1.797	0.297
27-830	15/16	0.71	9.750	1.922	0.297
27-832	1	0.88	10.437	1.984	0.328
27-834	1-1/16	1.04	11.187	2.125	0.328
27-836	1-1/8	1.20	11.937	2.281	0.359
27-840	1-1/4	1.47	12.750	2.500	0.359
27-844	1-3/8	2.17	12.500	2.625	0.406
27-846	1-7/16	2.48	12.500	2.625	0.406
27-848	1-1/2	2.77	12.500	2.625	0.406
27-852	1-5/8	3.07	15.875	3.188	0.453
27-854	1-11/16	3.44	16.562	3.313	0.484
27-856	1-3/4	3.81	17.250	3.438	0.500
27-858	1-13/16	4.56	18.000	3.563	0.516
27-860	1-7/8	5.24	18.500	3.688	0.547
27-864	2	5.92	19.250	3.922	0.563

ASME B107.6 Fed'l Spec. GGG-W-636e

Note: 27-812 to 27-840 are full polish finish.
27-844 to 27-864 are satin finish.

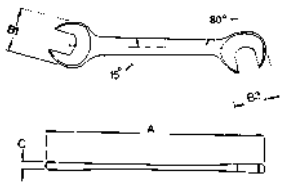




Full Polish 15° & 80° Miniature Angle Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (In)	B1 Head Width (In)	B2 Head Width (In)	C Head Thickness (In)
27-903	13/64	0.01	3.000	0.500	0.500	0.120
27-906	3/16	0.01	3.000	0.500	0.500	0.115
27-907	7/32	0.01	3.250	0.520	0.520	0.115
27-904	15/64	0.01	3.370	0.540	0.540	0.115
27-908	1/4	0.01	3.500	0.520	0.520	0.115
27-909	9/32	0.02	3.620	0.570	0.570	0.155
27-910	5/16	0.03	3.750	0.620	0.620	0.155
27-911	11/32	0.03	3.870	0.740	0.740	0.155
27-912	3/8	0.03	4.000	0.750	0.750	0.155
27-914	7/16	0.07	4.150	0.890	0.890	0.165
27-916	1/2	0.06	4.500	0.968	0.968	0.156
27-918	9/16	0.11	5.437	1.125	1.125	0.156
27-920	5/8	0.10	5.437	1.125	1.125	0.180

ASME B107.6 Fed'l Spec. GGG-W-636e

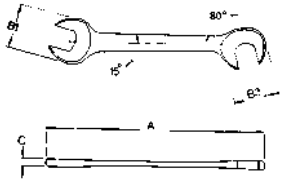




METRIC
Full Polish 15° & 80° Miniature Angle Wrench

Product Number	Opening mm	Weight g	A Overall Length (mm)	B1 Head Width (mm)	B2 Head Width (mm)	C Head Thickness (mm)
54-902	5.5	14	82.6	13.2	13.2	2.9
54-906	6	14	85.6	13.7	13.7	2.9
54-907	7	14	91.9	14.5	14.5	3.9
54-908	8	14	95.3	15.7	15.7	3.9
54-909	9	14	98.3	18.8	18.8	3.9
54-910	10	14	101.6	19.1	19.1	3.9
54-911	11	14	105.4	22.6	22.6	4.2

ASME B107.9m



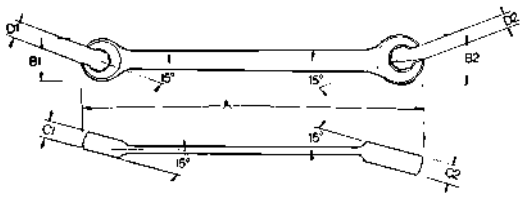
Always wear eye protection when near tools in use.



Full Polish Double Head Flare Nut Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Head Width (in)	B2 Head Width (in)	C1 Head Thickness (in)	C2 Head Thickness (in)	D1 Slot Width (in)	D2 Slot Width (in)
28-130*	3/8 x 7/16	0.12	6.125	0.812	0.890	0.343	0.390	0.265	0.296
28-135*	1/2 x 9/16	0.25	7.500	1.031	1.093	0.406	0.484	0.390	0.453
28-140*	5/8 x 11/16	0.39	8.437	1.093	1.234	0.437	0.500	0.468	0.562
28-145	3/4 x 1	0.61	9.125	1.250	1.593	0.468	0.625	0.578	0.781
28-150	7/8 x 1-1/8	0.90	9.750	1.437	1.750	0.515	0.671	0.703	0.875

ASME B107.6 Fed'l Spec. GGG-W-636e
*Wrench has 6-point opening in both ends.

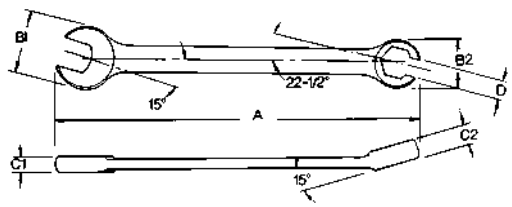




Full Polish Combination Flare Nut Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Head Width (in)	B2 Head Width (in)	C1 Head Thickness (in)	C2 Head Thickness (in)	D Slot Width (in)
28-212	3/8	0.09	5.000	0.900	0.810	0.220	0.340	0.250
28-214	7/16	0.11	5.250	0.970	0.890	0.230	0.390	0.281
28-216	1/2	0.16	6.000	1.100	1.030	0.250	0.410	0.375
28-218	9/16	0.18	6.500	1.200	1.090	0.280	0.440	0.438
28-220	5/8	0.25	7.000	1.310	1.090	0.320	0.440	0.468
28-222	11/16	0.31	8.000	1.440	1.230	0.340	0.470	0.563
28-224	3/4	0.58	9.500	1.580	1.250	0.340	0.470	0.563
28-228	7/8	0.86	12.130	1.820	1.440	0.380	0.520	0.688

ASME B107.6 Fed'l Spec. GGG-W-636e

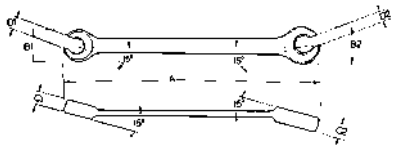




6 Point Double Head Flare Nut Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B1 Head Width (in)	B2 Head Width (in)	C1 Head Thickness (in)	C2 Head Thickness (in)	D1 Slot Width (in)	D2 Slot Width (in)
28-430	3/8 x 7/16	0.13	5.970	0.810	0.730	0.330	0.300	0.266	0.313
28-435	1/2 x 9/16	0.19	6.710	0.950	0.890	0.390	0.360	0.361	0.405
28-440	5/8 x 11/16	0.29	7.560	1.180	1.120	0.450	0.420	0.451	0.517
28-442	3/4 x 7/8	0.40	7.560	1.180	1.120	0.450	0.420	0.572	0.646

ASME B107.6 Fed'l Spec. GGG-W-636c

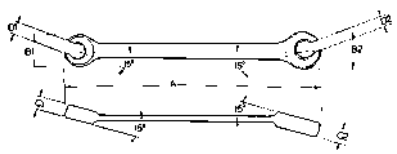




6 Point Double Head Flare Nut Wrench METRIC

Product Number	Opening Inches	Weight lbs.	A Overall Length (mm)	B1 Head Width (mm)	B2 Head Width (mm)	C1 Head Thickness (mm)	C2 Head Thickness (mm)	D1 Slot Width (mm)	D2 Slot Width (mm)
55-215	9 x 11	0.12	5.960	0.810	0.730	0.330	0.300	0.265	0.317
55-216	11 x 12	0.12	6.500	0.850	0.770	0.340	0.310	0.320	0.364
55-217	13 x 14	0.19	6.700	0.950	0.890	0.390	0.360	0.364	0.410
55-218	15 x 17	0.31	7.570	1.180	1.120	0.450	0.420	0.453	0.490

ASME B107.6 Fed'l Spec. GGG-W-636c



Always wear eye protection when near tools in use.

Set 28-386
7 Pc. Ratcheting Flare Nut Wrench Set

Approximate Weight, 1.91 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
28-312	3/8	28-320	5/8
28-314	7/16	28-322	11/16
28-316	1/2	28-224	3/4
28-318	9/16		

Vinyl Roll
29-436



Set 55-386 METRIC
10 Pc. Ratcheting Flare Nut Wrench Set

Approximate Weight, 4.00 lbs. (649 g)

Product Number	Opening, mm	Product Number	Opening, mm
55-310	10	55-315	15
55-311	11	55-316	16
55-312	12	55-317	17
55-313	13	55-318	18
55-314	14	55-319	19

Vinyl Roll
29-450



Set 55-387 METRIC
5 Pc. Ratcheting Flare Nut Wrench Set

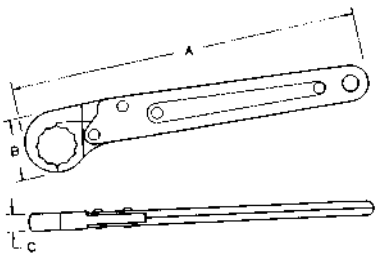
Approximate Weight, 1.40 lbs. (649 g)

Product Number	Opening, mm	Product Number	Opening, mm
55-310	10	55-313	13
55-311	11	55-314	14
55-312	12		

Vinyl Roll
29-420



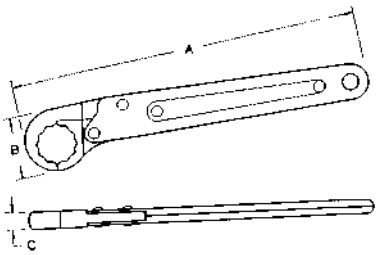




Ratcheting Flare Nut Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B Head Width (in)	C Head Thickness (in)
28-312	3/8	0.16	5.410	1.000	0.280
28-314	7/16	0.16	5.410	1.000	0.280
28-316	1/2	0.16	5.410	1.000	0.280
28-318	9/16	0.31	7.250	1.320	0.380
28-320	5/8	0.31	7.250	1.320	0.380
28-322	11/16	0.31	7.250	1.320	0.380
28-324	3/4	0.31	7.250	1.320	0.380
28-326	13/16	0.52	9.350	1.670	0.440
28-328	7/8	0.52	9.350	1.670	0.440
28-330	15/16	0.52	9.350	1.670	0.510
28-332	1	0.52	9.350	1.670	0.510





Ratcheting Flare Nut Wrenches — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B Head Width (mm)	C Head Thickness (mm)
55-307	7	73	137.4	25.4	7.1
55-308	8	73	137.4	25.4	7.1
55-309	9	73	137.4	25.4	7.1
55-310	10	73	137.4	25.4	7.1
55-311	11	73	137.4	25.4	7.1
55-312	12	73	137.4	25.4	7.1
55-313	13	73	137.4	25.4	7.1
55-314	14	141	184.2	33.5	9.7
55-315	15	141	184.2	33.5	9.7
55-316	16	141	184.2	33.5	9.7
55-317	17	141	184.2	33.5	9.7
55-318	18	141	184.2	33.5	9.7
55-319	19	141	184.2	33.5	9.7
55-321	21	263	237.5	42.4	11.2
55-322	22	263	237.5	42.4	11.2
55-323	23	263	237.5	42.4	13.0
55-324	24	263	237.5	42.4	13.0

Always wear eye protection when near tools in use.

Set 28-850
3 Pc. Chrome Adjustable Wrench Set

Approximate Weight, 3.10 lbs.

Product Number	Length, Inches
28-408	8
28-410	10
28-412	12

Vinyl Roll
29-474



Set 28-855
3 Pc. Cushion Grip Adjustable Wrench Set

Approximate Weight, 3.40 lbs.

Product Number	Length, Inches
28-458	8
28-460	10
28-462	12

Vinyl Roll
29-474



Set 34-850
3 Pc. Black Oxide Adjustable Wrench Set

Approximate Weight, 3.10 lbs.

Product Number	Length, Inches
34-408	8
34-410	10
34-412	12

Vinyl Roll
29-474





Adjustable Wrenches

Product Number	Length, Inches	Capacity, Inches	Weight, lbs.
28-404	4	1/2	0.12
28-406	6	15/16	0.26
28-408	8	1-1/8	0.54
28-410	10	1-5/16	0.90
28-412	12	1-1/2	1.42
28-415	15	1-11/16	3.37
28-418	18	2-1/16	5.56
28-424	24	2-7/16	8.25

ASME B107.8m Fed'l Spec. GGG-W-631b



Adjustable Wrenches, Cushion Grip

Product Number	Length, Inches	Capacity, Inches	Weight, lbs.
28-454	4	1/2	0.12
28-456	6	3/4	0.26
28-458	8	1	0.55
28-460	10	1-1/8	0.91
28-462	12	1-1/8	1.44
28-465	15	1-11/16	3.42

ASME B107.8m Fed'l Spec. GGG-W-631b



Adjustable Wrenches, Black Oxide

Product Number	Length, Inches	Capacity, Inches	Weight, lbs.
34-404	4	1/2	0.12
34-406	6	3/4	0.26
34-408	8	1	0.54
34-410	10	1-1/8	0.90
34-412	12	1-1/8	1.42
34-415	15	1-11/16	3.37
34-418	18	2-3/16	5.56

ASME B107.8m Fed'l Spec. GGG-W-665b

Always wear eye protection when near tools in use.

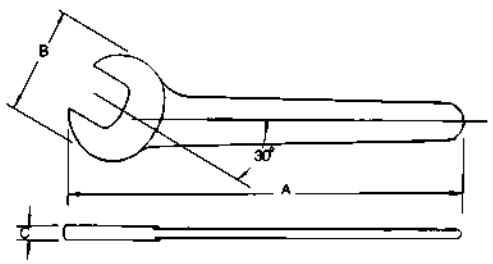


Thin Pattern Pump Wrenches

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B Head Width (in)	C Head Thickness (in)
28-024	3/4	0.22	6.312	1.687	0.250
28-028	7/8	0.21	6.312	1.687	0.250
28-030	15/16	0.24	7.062	1.875	0.250
28-032	1	0.22	7.062	1.875	0.250
28-034	1-1/16	0.21	7.062	1.875	0.250
28-036	1-1/8	0.28	7.062	2.062	0.250
28-038	1-3/16	0.28	7.062	2.062	0.250
28-040	1-1/4	0.25	7.062	2.062	0.250
28-042	1-5/16	0.45	7.812	2.500	0.281
28-044	1-3/8	0.42	7.812	2.500	0.281
28-046	1-7/16	0.39	7.812	2.500	0.281
28-048	1-1/2	0.39	7.812	2.500	0.281
28-050	1-9/16	0.46	7.812	2.625	0.281
28-052	1-5/8	0.42	7.812	2.625	0.281
28-056	1-3/4	0.68	8.625	3.125	0.312
28-060	1-7/8	0.58	8.625	3.125	0.312
28-064	2	0.82	8.625	3.500	0.312
28-068	2-1/8	0.70	8.625	3.500	0.312
28-072	2-1/4	0.72	8.625	3.500	0.312
28-076	2-3/8	0.77	8.625	3.500	0.312
28-080	2-1/2	0.75	8.625	3.500	0.312

Fed'l Spec. GGG-W-636e

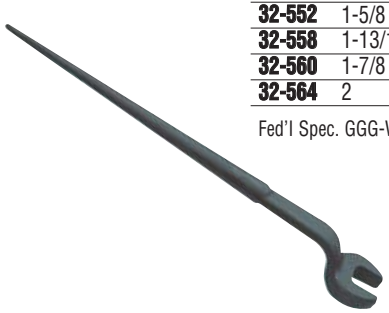
Openings offset 30°. Heads are polished and mirror-chrome plated; handles are satin finish.

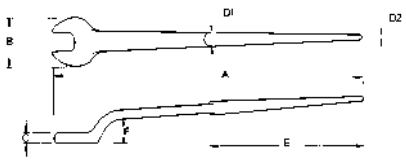


Structural Wrenches, Black Finish

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B Head Width (in)	C Head Thickness (in)	D1 Large Dia. Tang (in)	D2 Small Dia. Tang (in)	E Length Tang (in)	F Offset Height (in)
32-520	5/8	0.71	12.125	1.875	0.437	0.625	0.156	7.875	0.875
32-524	3/4	0.69	12.125	1.875	0.437	0.625	0.156	7.875	0.875
32-528	7/8	1.29	14.500	2.187	0.531	0.750	0.187	9.375	1.000
32-530	15/16	1.29	14.500	2.187	0.531	0.750	0.187	9.375	1.000
32-532	1	1.20	14.500	2.187	0.531	0.750	0.187	9.375	1.000
32-534	1-1/16	1.92	17.000	2.437	0.625	0.875	0.218	11.000	1.125
32-536	1-1/8	1.90	17.000	2.437	0.625	0.875	0.218	11.000	1.125
32-540	1-1/4	2.57	19.000	2.750	0.687	0.937	0.250	12.375	1.250
32-542	1-5/16	2.61	19.000	2.750	0.687	0.937	0.250	12.375	1.250
32-546	1-7/16	3.64	21.000	3.125	0.750	1.125	0.281	13.500	1.750
32-548	1-1/2	3.79	21.000	3.125	0.750	1.125	0.281	13.500	1.750
32-552	1-5/8	5.64	23.000	3.625	0.875	1.250	0.312	14.500	1.500
32-558	1-13/16	8.02	25.000	4.437	1.000	1.437	0.437	15.500	1.625
32-560	1-7/8	7.86	25.000	4.437	1.000	1.437	0.437	15.500	1.625
32-564	2	7.73	25.000	4.437	1.000	1.437	0.437	15.500	1.625

Fed'l Spec. GGG-W-636e



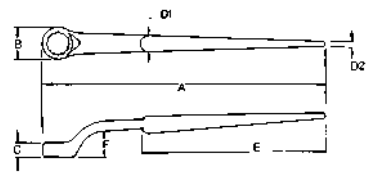


Structural Box Wrenches Black Finish, 12 Point Lobular Opening

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B Head Width (in)	C Head Thickness (in)	D1 Large Dia. Tang (in)	D2 Small Dia. Tang (in)	E Length Tang (in)	F Offset Height (in)
32-728	7/8	0.74	12.000	1.375	0.625	0.750	0.187	7.625	1.125
32-730	15/16	1.03	13.500	1.562	0.750	0.750	0.187	8.500	1.125
32-732	1	0.91	13.500	1.562	0.750	0.750	0.187	8.500	1.250
32-734	1-1/16	1.40	14.750	1.687	0.812	0.875	0.187	9.375	1.312
32-736	1-1/8	1.38	14.750	1.687	0.812	0.875	0.187	9.375	1.312
32-740	1-1/4	2.22	17.000	2.000	0.875	0.937	0.187	11.250	1.437
32-742	1-5/16	2.14	17.000	2.000	0.875	0.937	0.187	11.250	1.437
32-746	1-7/16	3.49	21.000	2.218	1.000	1.125	0.281	13.625	1.500
32-748	1-1/2	3.47	21.000	2.218	1.000	1.125	0.281	13.625	1.500
32-752	1-5/8	4.97	21.500	2.500	1.062	1.250	0.312	13.625	1.625
32-758	1-13/16	5.76	23.000	2.750	1.125	1.375	0.437	14.500	1.687
32-760	1-7/8	5.64	23.000	2.750	1.125	1.375	0.437	14.500	1.687
32-764	2	6.91	24.500	3.000	1.250	1.437	0.437	15.000	1.812

Fed'l Spec. GGG-W-636e





Always wear eye protection when near tools in use.

Construction Wrenches, Black Finish

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B Head Width (in)	C Head Thickness (in)	D1 Large Dia. Tang (in)	D2 Small Dia. Tang (in)	E Length Tang (in)
32-820	5/8	0.56	12.000	1.656	0.437	0.562	0.156	6.750
32-822	11/16	0.55	12.000	1.656	0.437	0.562	0.156	6.750
32-824	3/4	0.55	12.000	1.656	0.437	0.562	0.156	6.750
32-828	7/8	1.16	14.500	2.062	0.531	0.750	0.187	7.875
32-830	15/16	1.16	14.500	2.062	0.531	0.750	0.187	7.875
32-832	1	1.14	14.500	2.062	0.531	0.750	0.187	7.875
32-834	1-1/16	1.94	17.000	2.437	0.625	0.875	0.218	9.250
32-836	1-1/8	1.71	17.000	2.437	0.625	0.875	0.218	9.250
32-840	1-1/4	2.55	19.000	2.812	0.687	0.937	0.250	10.500
32-842	1-5/16	2.37	19.000	2.812	0.687	0.937	0.250	10.250
32-846	1-7/16	3.53	21.000	3.250	0.750	1.125	0.281	11.500
32-848	1-1/2	3.55	21.000	3.250	0.750	1.125	0.281	11.500
32-852	1-5/8	5.37	23.000	3.625	0.843	1.250	0.312	12.500
32-858	1-3/16	7.74	25.000	4.437	0.937	1.375	0.437	13.500
32-860	1-7/8	7.58	25.000	4.437	0.937	1.375	0.437	13.500
32-864	2	7.95	25.000	4.437	0.937	1.375	0.437	13.500

Fed'l Spec. GGG-W-636e





Adjustable Construction Wrench

Head is offset 15° from centerline, black finish.

Product Number	Overall Length (in)	Capacity Inches	Weight lbs.
32-495	15.000	1-1/2	2.30

Fed'l Spec. GGG-W-631b

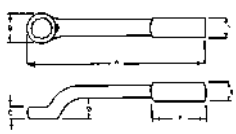


12 Point 45° Offset Striking Wrenches

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B Head Diameter (in)	C Head Thickness (in)	D Handle Width (in)	E Handle Height (in)	F Handle Length (in)	G Offset Height (in)
33-034	1-1/16	1.99	10.500	1.750	0.750	1.125	1.125	3.125	1.250
33-036	1-1/8	1.96	10.500	1.750	0.750	1.125	1.125	3.125	1.250
33-038	1-3/16	2.37	11.000	2.062	0.812	1.187	1.125	3.187	1.437
33-040	1-1/4	2.37	11.000	2.062	0.812	1.187	1.125	3.187	1.437
33-042	1-5/16	2.35	11.000	2.062	0.812	1.187	1.125	3.187	1.437
33-044	1-3/8	3.52	11.750	2.187	1.000	1.343	1.343	3.375	1.500
33-046	1-7/16	3.52	11.750	2.187	1.000	1.343	1.343	3.375	1.500
33-048	1-1/2	3.56	11.750	2.187	1.000	1.343	1.343	3.375	1.500
33-052	1-5/8	4.17	12.000	2.593	1.062	1.625	1.375	3.250	1.625
33-054	1-11/16	4.07	12.000	2.593	1.062	1.625	1.375	3.250	1.625
33-056	1-3/4	4.93	12.500	2.812	1.062	1.937	1.500	3.375	1.750
33-058	1-13/16	4.89	12.500	2.812	1.125	1.937	1.500	3.375	1.750
33-060	1-7/8	4.90	12.500	2.812	1.125	1.937	1.500	3.375	1.750
33-062	1-15/16	5.72	13.250	3.125	1.250	1.937	1.500	3.687	1.875
33-064	2	5.70	13.250	3.125	1.250	1.937	1.500	3.687	1.875
33-068	2-1/8	5.64	13.500	3.500	1.375	2.000	1.500	3.875	2.125
33-070	2-3/16	7.06	13.500	3.500	1.375	2.000	1.500	3.875	2.125
33-072	2-1/4	7.00	13.500	3.500	1.375	2.000	1.500	3.875	2.125
33-074	2-5/16	8.20	14.000	3.656	1.562	2.125	1.625	4.250	2.125
33-076	2-3/8	8.12	14.000	3.656	1.562	2.125	1.625	4.250	2.125
33-080	2-1/2	8.56	14.750	3.875	1.500	2.156	1.625	4.250	2.437
33-082	2-9/16	8.52	14.750	3.875	1.500	2.156	1.625	4.250	2.437
33-084	2-5/8	8.49	14.750	3.875	1.500	2.156	1.625	4.250	2.437
33-088	2-3/4	12.10	16.000	4.437	1.875	2.250	1.687	4.625	2.437
33-092	2-7/8	12.01	16.000	4.437	1.875	2.250	1.687	4.625	2.437
33-094	2-15/16	11.53	16.000	4.437	1.875	2.250	1.687	4.625	2.437
33-096	3	14.17	16.500	5.000	2.000	2.375	1.750	4.875	2.750
33-100	3-1/8	14.87	16.500	5.000	2.000	2.375	1.750	4.875	2.750

Fed'l Spec. GGG-W-636e







12 Point 45° Offset Striking Wrenches — METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B Head Diameter (mm)	C Head Thickness (mm)	D Handle Width (mm)	E Handle Height (mm)	F Handle Length (mm)	G Offset Height (mm)
59-032	32	1066	279.4	52.3	20.6	30.1	28.5	80.9	36.5
59-036	36	1610	298.4	55.5	25.4	34.1	34.1	85.7	38.1
59-041	41	1869	304.8	65.9	26.9	34.9	33.3	82.5	41.2
59-046	46	2227	317.5	71.4	28.6	41.2	39.6	85.7	44.4
59-050	50	2586	336.5	79.4	31.7	39.6	38.1	93.6	47.6
59-055	55	3193	342.9	88.9	34.9	44.4	38.1	98.4	53.9
59-060	60	3701	355.6	92.9	39.7	47.6	41.2	107.9	53.9
59-065	65	3869	374.6	98.4	38.1	47.6	41.2	107.9	61.8
59-070	70	5479	406.4	112.7	47.6	49.2	42.8	117.4	61.8
59-075	75	5235	406.4	112.7	47.6	49.2	42.8	117.4	61.8
59-080	80	6518	418.8	126.9	50.7	60.2	44.4	123.7	69.8



12 Point Straight Pattern Slugging Wrenches

Product Number	Opening mm	Weight lbs.	A Overall Length (in)	B Head Diameter (in)	C Head Thickness (in)	D Handle Width (in)	E Handle Height (in)	F Handle Length (in)	G Offset Height (in)
33-340	1-1/4	1.20	7.000	2.125	0.813	1.313	0.625	1.500	-
33-342	1-5/16	1.12	7.000	2.125	0.813	1.313	0.625	1.500	-
33-344	1-3/8	1.73	8.250	2.313	0.938	1.437	0.625	1.750	-
33-346	1-7/16	1.69	8.250	2.313	0.938	1.437	0.625	1.750	-
33-348	1-1/2	1.66	8.250	2.313	0.938	1.437	0.625	1.750	-
33-352	1-5/8	2.36	9.125	2.500	1.125	1.687	0.875	2.000	-
33-354	1-11/16	2.30	9.000	2.563	1.125	1.625	0.813	1.875	-
33-356	1-3/4	3.77	9.000	2.563	1.125	1.625	0.813	1.875	-
33-358	1-13/16	3.68	10.000	2.938	1.250	2.000	0.875	2.250	-
33-360	1-7/8	3.57	10.000	2.938	1.250	2.000	0.875	2.250	-
33-364	2	4.75	11.000	3.313	1.375	2.125	1.125	2.500	-
33-366	2-1/16	4.62	11.000	3.313	1.375	2.125	1.125	2.500	-
33-368	2-1/8	6.41	12.000	3.688	1.437	2.500	1.125	2.750	-
33-370	2-3/16	6.36	12.000	3.688	1.437	2.500	1.125	2.750	-
33-372	2-1/4	6.34	12.000	3.688	1.437	2.500	1.125	2.750	-
33-376	2-3/8	9.40	13.500	3.813	1.625	2.625	1.250	3.250	-
33-378	2-7/16	9.40	13.500	3.813	1.625	2.625	1.250	3.250	-
33-380	2-1/2	8.15	14.000	4.188	1.750	2.688	1.313	3.250	-
33-382	2-9/16	8.10	14.000	4.188	1.750	2.688	1.313	3.250	-
33-384	2-5/8	7.30	14.000	4.188	1.813	2.688	1.313	3.250	-
33-388	2-3/4	13.67	15.500	4.625	1.875	2.938	1.563	3.750	-
33-390	2-13/16	13.63	15.500	4.625	1.875	2.938	1.563	3.750	-
33-394	2-15/16	12.65	15.500	4.625	1.875	2.938	1.563	3.750	-
33-396*	3	18.52	18.000	5.250	2.000	3.625	1.625	4.000	-
33-400*	3-1/8	18.38	18.000	5.250	2.000	3.625	1.625	4.000	-
33-408*	3-3/8	18.38	18.000	5.250	2.000	3.625	1.625	4.000	-
33-412*	3-1/2	17.08	18.000	5.250	2.000	3.625	1.625	4.000	-
33-420*	3-3/4	21.50	19.000	6.000	2.250	3.750	1.750	4.000	-
33-424*	3-7/8	22.00	19.000	6.000	2.250	3.750	1.750	4.000	-
33-432*	4-1/8	26.00	19.500	6.625	2.437	3.875	1.750	4.250	-
33-436*	4-1/4	22.50	19.500	6.625	2.437	3.875	1.750	4.250	-
33-444*	4-1/2	32.50	21.000	7.000	2.750	4.000	1.937	5.000	-
33-448*	4-5/8	31.50	21.000	7.000	2.750	4.000	1.937	5.000	-
33-452†	4-3/4	40.00	24.000	7.625	2.000	3.875	2.000	3.437	-
33-460†	5	44 00	25.000	8.000	2.000	4.000	2.000	3.500	-
33-468†	5-1/4	46.00	26.000	8.250	2.000	3.250	2.000	2.875	-
33-472†	5-3/8	50.50	27.000	8.750	2.000	3.750	2.000	3.625	-
33-476†	5-1/2	54.00	28.000	8.875	2.000	3.500	2.000	3.125	-
33-484†	5-3/4	57.00	28.563	9.125	2.000	4.375	2.000	3.750	-
33-492†	6	61.50	30.000	9.250	2.000	3.750	2.000	3.125	-

Fed'l Spec. GGG-W-636e

*Drop Forged from Carbon Steel

†Flame-cut opening, made from Carbon Steel

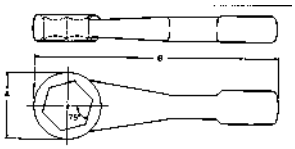
Always wear eye protection when near tools in use.

6 Point Straight Pattern Slugging Wrenches

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B Head Diameter (in)
33-534	1-1/16	1.90	9.875	1.781
33-540	1-1/4	2.10	10.250	2.000
33-546	1-7/16	2.60	10.563	2.266
33-552	1-5/8	2.90	11.000	2.484
33-558	1-13/16	3.50	11.313	2.656
33-564	2	4.00	11.688	3.031
33-570	2-3/16	5.20	12.000	3.281
33-576	2-3/8	6.00	12.375	3.406
33-582	2-9/16	6.60	12.688	3.750
33-588	2-3/4	7.50	13.063	4.172
33-594	2-15/16	7.90	13.438	4.359
33-600	3-1/8	9.40	13.813	4.484
33-612	3-1/2	10.50	14.125	4.969
33-624	3-7/8	13.30	14.500	5.547

Fed'l Spec. GGG-W-636e





12 Point Straight Pattern Slugging Wrenches METRIC

Product Number	Opening mm	Weight g	A Overall Length (mm)	B Head Diameter (mm)	C Head Thickness (mm)	D Handle Width (mm)	E Handle Height (mm)	F Handle Length (mm)
59-332	32	544	177.8	52.4	20.6	33.3	15.9	38.1
59-336	36	761	209.5	58.7	23.8	36.5	15.9	44.4
59-341	41	1069	228.6	63.5	28.6	41.3	20.6	47.6
59-346	46	1653	254.4	74.6	31.7	50.8	22.2	57.1
59-350	50	2161	279.4	84.1	34.9	53.9	28.5	63.5
59-355	55	2881	304.8	93.6	36.5	63.5	28.5	69.8
59-360	60	4281	342.9	96.8	41.3	68.2	41.3	90.5
59-365	65	4951	355.6	104.8	46.0	68.2	33.3	82.5
59-370	70	6193	393.7	117.5	47.6	74.6	39.7	95.2
59-375	75	8390	457.2	130.2	50.8	82.5	41.3	120.6
59-380	80	8340	457.2	130.2	50.8	82.5	41.3	120.6





Face Spanner Wrenches

Product Number	Distance C to C Inches	Pin Specifications Diameter Inches	Height Inches	Length Inches	Weight lbs.
34-101	1.000	0.187	0.187	4.500	0.11
34-104	1.250	0.218	0.218	5.000	0.14
34-107	1.500	0.218	0.218	5.500	0.18
34-110	1.750	0.218	0.218	6.000	0.27
34-113	2.000	0.750	0.750	6.500	0.35
34-116	2.250	0.750	0.750	7.000	0.40
34-119	2.500	0.281	0.281	7.500	0.51
34-121	2.750	0.281	0.281	8.000	0.57
34-124	3.000	0.312	0.312	8.500	0.57
34-127	3.250	0.312	0.312	9.125	0.73
34-130	3.500	0.312	0.312	9.750	0.73
34-133	3.750	0.375	0.375	10.375	0.90
34-136	4.000	0.375	0.375	11.000	0.97

Fed'l Spec. GGG-W-665b



Adjustable Face Spanner Wrenches

Product Number	Capacity Inches	Pin Specifications Extreme Diameter Inches	Height Inches	Length Inches	Weight lbs.
34-151	2.000	0.187	0.125	6.375	0.32
34-154	3.000	0.250	0.187	8.250	0.57
34-157	4.000	0.312	0.250	10.375	0.99

Fed'l Spec. GGG-W-665b



Pin Spanner Wrenches

Product Number	Diameter Inches	Pin Specifications For Circle Diameter Inches	Height Inches	Length Inches	Weight lbs.
34-201	1.000	0.187	0.156	4.000	0.09
34-204	1.250	0.203	0.156	4.500	0.12
34-207	1.500	0.218	0.187	5.000	0.14
34-210	1.750	0.234	0.187	5.500	0.22
34-213	2.000	0.250	0.218	6.000	0.27
34-216	2.250	0.265	0.250	6.500	0.30
34-219	2.500	0.281	0.281	7.000	0.57
34-222	2.750	0.296	0.281	7.500	0.45
34-225	3.000	0.312	0.281	8.000	0.59
34-228	3.250	0.328	0.281	8.500	0.60
34-231	3.500	0.343	0.312	9.000	0.77
34-234	3.750	0.359	0.343	9.500	0.95
34-237	4.000	0.375	0.343	10.000	1.12
34-240	5.000	0.437	0.406	12.000	1.58
34-243	6.000	0.500	0.562	14.000	2.46

Fed'l Spec. GGG-W-665b

Always wear eye protection when near tools in use.

Adjustable Hook Spanner Wrenches

Product Number	Capacity Range for Diameters Inches	Hook Specifications Thickness Inches	Depth Inches	Length Inches	Weight lbs.
34-301	3/4 - 2	0.343	0.125	6.375	0.27
34-305	1-1/4 - 3	0.406	0.156	8.125	0.53
34-307	2 - 4-3/4	0.468	0.187	11.375	1.06
34-310	4-1/2 - 6-1/4	0.468	0.250	12.375	1.23
34-313	6-1/8 - 8-3/4	0.468	0.312	13.750	1.36

Fed'l Spec. GGG-W-665b



Set 34-376
4 Pc. Hook Spanner Set

Contents: 4 Adjustable Hook Spanners in cardboard box.

Approximate Weight, 3.10 lbs.

Product Number	Capacity Inches
34-301	3/4 - 2
34-305	1-1/4 - 3
34-307	2 - 4-3/4
34-310	4-1/2 - 6-1/4



Adjustable Pin Spanner Wrenches

Product Number	Capacity Range for Diameters Inches	Hook Thickness Inches	Pin Specifications Diameter Inches	Height Inches	Length Inches	Weight lbs.
34-351	3/4 - 2	0.343	0.125	0.125	6.375	0.27
34-354	3/4 - 2	0.343	0.187	0.156	6.375	0.27
34-358	1-1/4 - 3	0.406	0.187	0.187	8.125	0.53
34-361	1-1/4 - 3	0.406	0.250	0.218	8.125	0.49
34-363	2 - 4-3/4	0.468	0.250	0.250	11.375	1.07
34-366	4-1/2 - 6-1/4	0.468	0.375	0.250	12.375	1.20

Fed'l Spec. GGG-W-665b

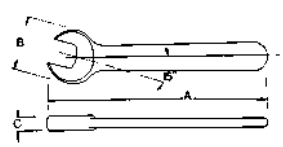


Thin Pattern Check Nut Wrenches, Carbon Steel

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B Head Width (in)	C Head Thickness (in)
31-314	7/16	0.07	3.937	1.125	0.156
31-316	1/2	0.06	3.937	1.125	0.156
31-318	9/16	0.06	4.437	1.187	0.171
31-320	5/8	0.12	5.125	1.468	0.187
31-322	11/16	0.13	5.125	1.468	0.187
31-324	3/4	0.21	6.000	1.687	0.218

Fed'l Spec. GGG-W-636e





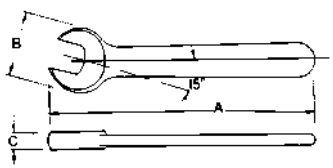


Single Head Open End Wrench

Product Number	Opening Inches	Weight lbs.	A Overall Length (in)	B Head Width (in)	C Head Thickness (in)
31-008	1/4	0.05	3.500	0.750	0.187
31-010	5/16	0.04	3.500	0.750	0.187
31-012	3/8	0.09	4.000	0.875	0.266
31-014	7/16	0.14	4.500	1.062	0.312
31-016	1/2	0.13	4.500	1.062	0.312
31-018	9/16	0.19	5.625	1.250	0.375
31-022	11/16	0.34	6.500	1.437	0.406
31-024	3/4	0.42	7.250	1.563	0.437
31-028	7/8	0.67	8.250	1.875	0.469
31-030	15/16	0.84	9.000	2.125	0.562
31-032	1	0.83	9.000	2.125	0.562
31-034	1-1/16	1.26	10.500	2.312	0.625
31-036	1-1/8	1.33	10.500	2.312	0.625
31-040	1-1/4	2.01	11.750	2.812	0.640
31-044	1-3/8	1.91	11.750	2.812	0.688
31-046	1-7/16	2.95	13.500	3.312	0.812
31-048	1-1/2	2.59	13.500	3.312	0.812
31-052	1-5/8	3.70	15.500	3.500	0.812
31-058	1-13/16	4.68	17.000	4.250	0.938
31-064	2	6.22	19.000	4.750	1.000
31-070	2-3/16	8.77	21.000	4.875	1.125
31-072	2-1/4	8.31	21.000	4.875	1.125
31-076	2-3/8	10.22	23.000	5.750	1.125
31-078	2-7/16	10.45	23.000	5.750	1.125
31-082	2-9/16	15.06	25.000	6.250	1.250
31-084*	2-5/8	14.85	25.000	6.250	1.250
31-088*	2-3/4	15.82	27.000	6.625	1.375
31-094*	2-15/16	15.21	27.000	6.625	1.375
31-096*	3	21.25	30.000	7.500	1.437

ASME B107.6 Fed'l Spec. GGG-W-636e

*Carbon Steel.



Always wear eye protection when near tools in use.

Pipe Wrenches

Designed to provide maximum strength and safety while weight is minimized. Handles are made from pearlitic malleable alloy. Hook jaw is drop forged while insert jaw is replaceable. Hook jaw calibrations, spring suspension, and easily-spinning adjusting nut ensure quick adjustment, and instant gripping and release of pipe. Housing and handle finished in bright red baked-on enamel.

Product Number	Length Inches	Capacity, Pipe size Inches	Weight, lbs.
73-006	6.000	0.125 - 0.750	0.45
73-008	8.000	0.125 - 1.000	0.91
73-010	10.000	0.125 - 1.500	1.80
73-012	12.000	0.125 - 2.000	2.83
73-014	14.000	0.250 - 2.000	3.70
73-018	18.000	0.250 - 2.500	6.14
73-024	24.000	0.250 - 3.000	9.64
73-036	36.000	0.250 - 4.500	19.50
73-048	48.000	1.000 - 6.000	34.01

Fed'l Spec. GGG-W-651e



Aluminum Handle Pipe Wrenches

Nearly 40% lighter than comparable cast-iron wrenches of the same size. With identical jaws as their iron counterparts.

Product Number	Length Inches	Pipe Capacity Inches	Weight lbs.
74-010	10.000	1.500	1.25
74-014	14.000	2.000	2.00
74-018	18.000	2.500	3.50
74-024	24.000	3.000	5.75
74-036	36.000	5.000	10.00
74-048	48.000	6.000	17.00



Flange Jacks

For separating flanges without disassembly of pipe lines when gaskets are to be replaced. Flange Jacks exert tremendous pressure smoothly and evenly, with no shock along the pipe line. Flanges are separated quickly and held in perfect alignment. Flange jacks must be used in pairs for even distribution of pressure.

Product Number	Cap., Standard Raised Face Flanges, Inches				Wt. Per Pair, lbs.	Screw Length
	125 Lb. Cast Iron	150 Lb. Steel	250 Lb. Cast Iron	300 Lb. Steel		
73-305	2.000 - 20.000	2.000 - 20.000	1.000 - 12.000	0.750 - 12.000	13.00	6.750
73-310	16.000 - 48.000	18.000 - 24.000	12.000 - 30.000	12.000 - 24.000	45.00	10.500





Chain Pipe Tongs

All components of Armstrong Chain Tongs are chosen to provide a durable, long-lasting tool, strong beyond need, and with the professional appearance experienced users expect from their pipe tools.

JAWS

Drop forged from alloy steel, chain tong jaws are carefully milled and heat treated. They are tested for strength and wearability and finished in a bright red baked-on enamel. Pipe capacity, in both inches and millimeters, is forged into sides of each jaw.

HANDLES

Only selected alloy steel is used to provide the correct degree of stiffness without risking brittleness. After forging, handles are grit blasted and oil coated.

CHAIN

Flat link chains, the key to any top quality tong, are manufactured in our own plant. After careful heat treating, they are proof-tested under quality control. Each chain is shipped with a seal indicating it has been tested to 2/3 of its cataloged breaking strain.

Tongs with Single End Jaws

The favorite style for general, all-around use, these tongs feature an extra large hardened steel bolt. The connecting link is drop forged from alloy steel.

Product Number	For Pipe Size, Inches	mm	Tool Length Inches	Chain Length Inches	Breaking Strain lbs.	Weight lbs.
73-205	0.250 - 2.500	13.0 - 73.0	27.000	17.500	13,800	9.46
73-207	0.750 - 4.000	26.0 - 114.0	37.000	22.500	17,600	16.45
73-209	1.000 - 6.000	33.0 - 168.0	43.000	32.000	20,100	23.00
73-211	1.500 - 8.000	48.0 - 219.0	51.000	40.500	22,000	31.50

Fed'l Spec. GGG-W-651e



Tongs with Double End Jaws

The double end jaws make this style tong the most economical in our line. If teeth become burred or dull from long use, simply reverse them end for end. This feature doubles the life of the tool.

Product Number	For Pipe Size, Inches	mm	Tool Length Inches	Chain Length Inches	Breaking Strain lbs.	Weight lbs.
73-229	0.250 - 2.500	13.0 - 73.0	27.000	17.500	13,800	9.29
73-231	0.750 - 4.000	26.0 - 114.0	37.000	22.500	17,600	17.28
73-233	1.000 - 6.000	33.0 - 168.0	43.000	32.000	20,100	24.00
73-235	1.500 - 8.000	48.0 - 219.0	50.500	40.500	22,000	32.00
73-237	2.000 - 12.000	60.0 - 323.0	64.250	55.500	31,000	56.00

Fed'l Spec. GGG-W-651e



Chain Wrenches

An economical tool for use where working area is restricted, or when the high breaking strains of chain tongs are unnecessary. Successive "bites" can be taken without removing tool from the pipe. Handles are chrome plated.

Product Number	For Pipe Size Inches	Tool Length Inches	Chain Length Inches	Weight lbs.
73-295*	0.375 - 4.000	11.000	15.500	1.45
73-299*	3.000 - 6.000	20.000	23.500	4.80

*Chain is imported

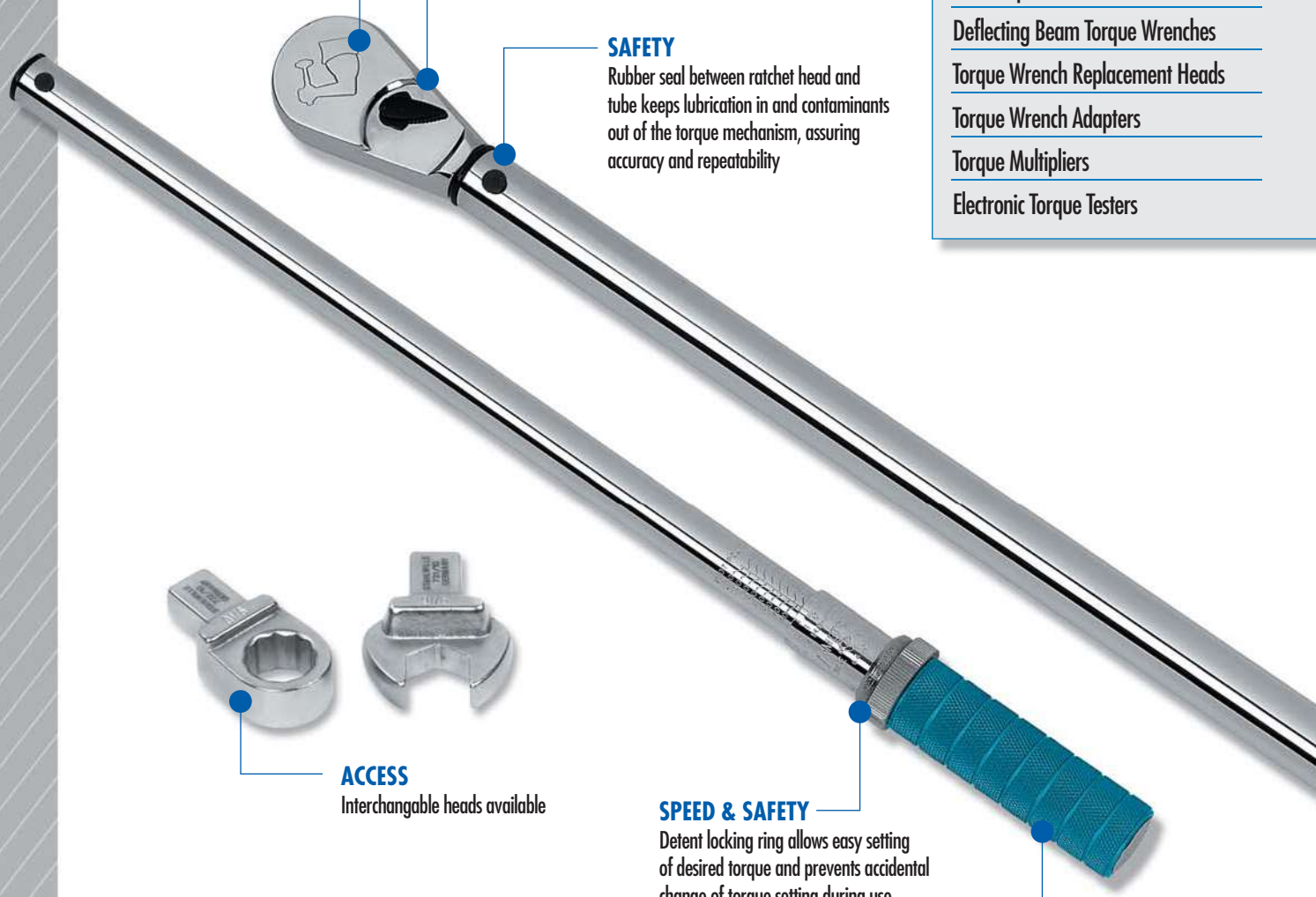
Always wear eye protection when near tools in use.

Electronic Torque Wrenches
Micrometer Adjustable Torque Wrenches
Flex Head Micrometer Adjustable
Torque Wrenches
Torque Screwdrivers
Dial Torque Wrenches
Deflecting Beam Torque Wrenches
Torque Wrench Replacement Heads
Torque Wrench Adapters
Torque Multipliers
Electronic Torque Testers

STRENGTH
Enclosed head design seals out contaminants for improved performance and life

STRENGTH
Torque wrap design reduces stress on gear and pawl teeth

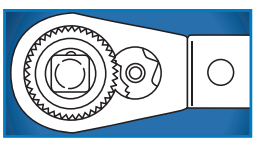
SAFETY
Rubber seal between ratchet head and tube keeps lubrication in and contaminants out of the torque mechanism, assuring accuracy and repeatability



ACCESS
Interchangable heads available

SPEED & SAFETY
Detent locking ring allows easy setting of desired torque and prevents accidental change of torque setting during use

SAFETY
Lightly knurled and grooved handles provide non-slip grip and comfort



SAFETY
Single pawl, double-tooth design will not operate in neutral position



SAFETY
Innovative linear ball-bearing system eliminates friction between the spring and case for greater accuracy and repeatability
Produces a crisp audible "click" over entire torque range

ELECTRONIC
TORQUE WRENCH



STRENGTH
Thin profile sealed tear drop ratchet head for better access, increased strength and improved dirt infiltration

PRODUCTIVITY
LCD Screen with Backlight for easy reading of torque values enclosed in a shock resistant housing

Convert Units (ft.lb., in.lb., N.m.)

ACCURACY
+/- 2% CW, +/- 3% CCW from 20% to 100% of rated capacity ASME B107.28 - 2005
Certificate included

PRODUCTIVITY
60 tooth gear with 6˚ ratcheting arc



Always wear eye protection when near tools in use.

INNOVATION
Buzzer and Red, Yellow, Green lights to alert user when target torque is reached

DESIGN
Knurled Aluminum Grip to resist slipping

PRODUCTIVITY
Four Simple Buttons:
- Power (ON/OFF)
- Unit (Convert Units)
- Torque Target UP
- Torque Target DOWN

DESIGN
Operates on 4 AAA Alkaline batteries for up to 40 hours of continuous operation





3/8" Drive Electronic Torque Wrench

Product Number	PRIMARY SCALE Range	Incr.	Head Width (in.)	Head Length (in.)	Head Thickness (in.) less tang	with tang	Length, Inches	Weight lbs.	Ratchet Rep. Kit
64-534	10-100 ft.lb. 120-1200 in.lb. 13.6-135.6 N.m.	1 ft.lb. 1 in.lb. 1 N.m.	1.240	2.300	0.480	0.960	17.750	3.20	**11-982**

ASME B107.28 Certificate included



1/2" Drive Electronic Torque Wrench

Product Number	PRIMARY SCALE Range	Incr.	Head Width (in.)	Head Length (in.)	Head Thickness (in.) less tang	with tang	Length, Inches	Weight lbs.	Ratchet Rep. Kit
64-544	25-250 ft.lb. 300-3000 in.lb. 33.9-339 N.m.	1 ft.lb. 1 in.lb. 1 N.m.	1.810	2.930	0.650	1.310	26.500	4.80	**12-982**

ASME B107.28 Certificate included

Armstrong Torque Wrenches offer precise torque application in an easy-to-use durable design

Armstrong Micrometer "Click" style torque wrenches are forged, heat treated, and assembled in the USA using high alloy, domestically produced steel. Manufactured to rigid specifications ensures torque wrenches are of unequaled strength, durability, and accuracy.

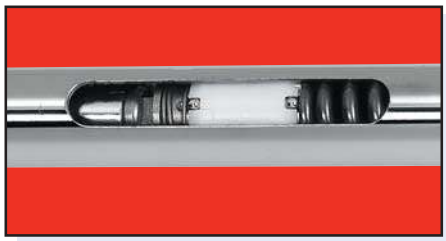
10° Ratcheting angle permits use in confined areas

Rubber seal keeps lubrication in, contaminants out of torque mechanism assuring accuracy of +/- 3% and repeatability

Chrome-plated, hardened steel body for strength and durability



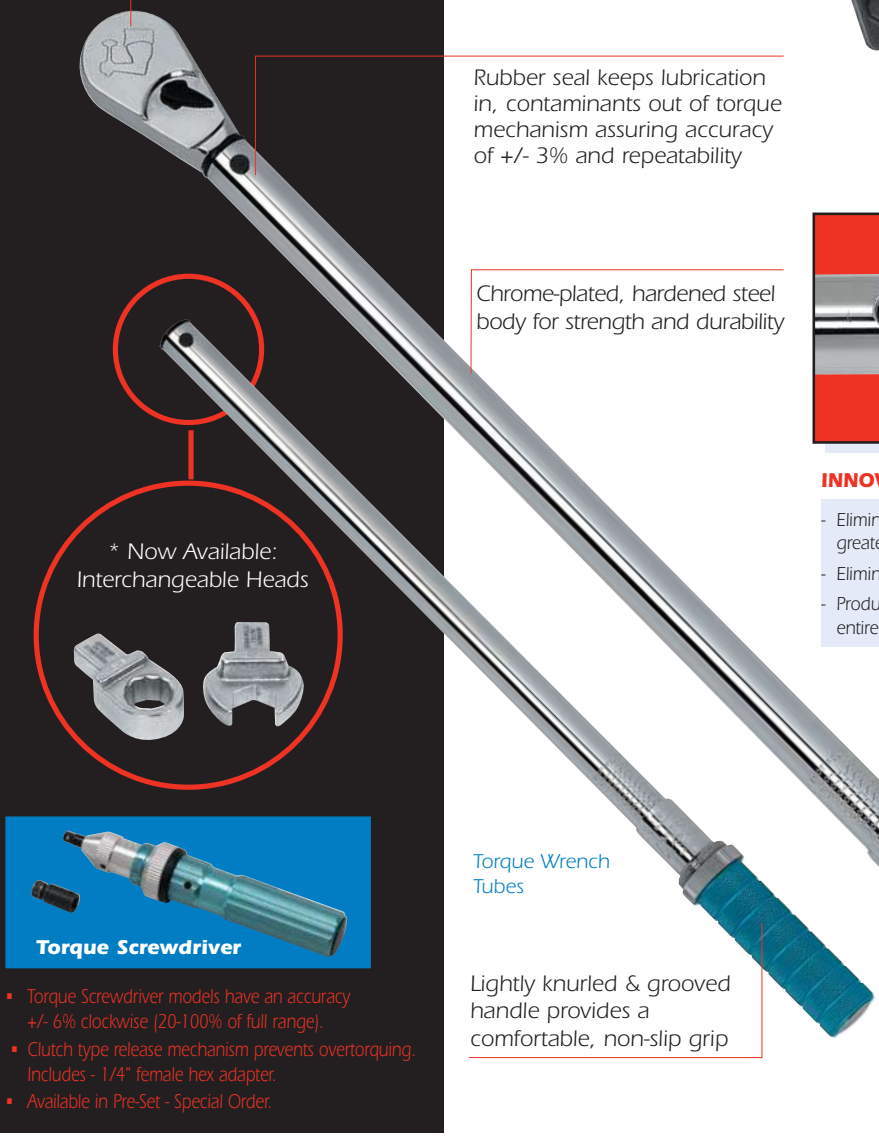
Sturdy blow-mold storage case provides long-term protection



INNOVATIVE LINEAR BALL BEARING SYSTEM

- Eliminates friction between the spring and case for greater accuracy and repeatability
- Eliminates speed sensitivity errors
- Produces a "Crisp, Audible Click" over the entire torque range

* Now Available: Interchangeable Heads



Easy to Read Dual Scales
- Primary scale in SAE
- Secondary scale in Metric

Detent-style locking collar prevents the accidental change of settings

Torque Wrench Tubes

Lightly knurled & grooved handle provides a comfortable, non-slip grip

Torque Screwdriver

- Torque Screwdriver models have an accuracy +/- 6% clockwise (20-100% of full range).
- Clutch type release mechanism prevents overtorquing. Includes - 1/4" female hex adapter.
- Available in Pre-Set - Special Order.

MADE IN THE USA

Micrometer Torque Wrenches

ACCURACY OF +/-3% CLOCKWISE (20-100% OF FULL RANGE)
- Provides precise torque application (Counterclockwise calibration available on special order)

HEAD DESIGN SPECIFICALLY FOR TORQUE WRENCHES
- Enclosed Head
  - Seals out dirt and contaminants
- Torque Wrap Design
  - Reduces stress on gear teeth and pawls for longer life
- 10° ratcheting angle
  - Permits use in confined areas

OPERATING / DESIGN CAPABILITIES
- Innovative linear ball bearing mechanism
  - Assures superior accuracy and repeatability by eliminating friction between the spring and case; Eliminates speed sensibility errors
  - Produces a crisp, audible click over the entire torque range
- Rubber seal between ratchet head and tube
  - Keeps lubrication in, dirt and contaminants out assuring accuracy and repeatability
- Detent-style locking collar
  - Allows for ease in setting desired torque; Prevents the accidental change of settings
- Handles are lightly knurled and grooved; Provides comfortable, non-slip grip

Always wear eye protection when near tools in use.



1/4" Drive Micrometer Adjustable Torque Wrenches, Ratchet Head

Product Number	Certified Model No.	PRIMARY SCALE Range	PRIMARY SCALE Incr.	ALTERNATE SCALE Range	ALTERNATE SCALE Incr.	Head Width (in.)	Head Length (in.)	Head Thickness (in.) less tang	Head Thickness (in.) with tang	Length, Inches	Weight lbs.	Ratchet Rep. Kit	Blow Mold Case
64-031	64-931	5-50 in.lb.	1 in.lb.	0.58-6.21 N.m.	0.11 N.m.	1.063	1.672	0.469	0.813	8.000	0.71	**64-036**	**64-293**
64-032	64-932	30-200 in.lb.	1 in.lb.	4-23 N.m.	0.11 N.m.	1.063	1.672	0.469	0.813	9.500	0.76	**64-036**	**64-293**
64-038	64-938	4-25 N.m.	0.1 N.m.	—	—	1.063	1.672	0.469	0.813	9.500	0.76	**64-036**	**64-293**

ASME B107.14M ISO 6789



3/8" Drive Micrometer Adjustable Torque Wrenches, Ratchet Head

Product Number	Certified Model No.	PRIMARY SCALE Range	PRIMARY SCALE Incr.	ALTERNATE SCALE Range	ALTERNATE SCALE Incr.	Head Width (in.)	Head Length (in.)	Head Thickness (in.) less tang	Head Thickness (in.) with tang	Length, Inches	Weight lbs.	Ratchet Rep. Kit	Blow Mold Case
64-041	64-941	50-250 in.lb.	1 in.lb.	6-29 N.m.	0.11 N.m.	1.063	1.672	0.469	0.969	9.500	0.76	**64-077**	**64-293**
64-042	64-942	100-1000 in.lb.	5 in.lb.	14-116 N.m.	0.6 N.m.	1.500	2.125	0.563	1.063	17.100	2.05	**64-078**	**64-295**
64-046	64-946	10-100 ft.lb.	0.5 ft.lb.	17-139 N.m.	0.7 N.m.	1.500	2.125	0.563	1.063	17.100	2.05	**64-078**	**64-295**
64-049	64-949	10-100 N.m.	1 N.m.	—	—	1.500	2.125	0.563	1.063	17.100	2.05	**64-078**	**64-295**

ASME B107.14M ISO 6789



1/2" Drive Micrometer Adjustable Torque Wrenches, Ratchet Head

Product Number	Certified Model No.	PRIMARY SCALE Range	PRIMARY SCALE Incr.	ALTERNATE SCALE Range	ALTERNATE SCALE Incr.	Head Width (in.)	Head Length (in.)	Head Thickness (in.) less tang	Head Thickness (in.) with tang	Length, Inches	Weight lbs.	Ratchet Rep. Kit	Blow Mold Case
64-081	64-981	240-1800 in.lb.	12 in.lb.	34-210 N.m.	1.4 N.m.	1.750	3.125	0.766	1.438	20.500	2.45	**64-092**	**64-297**
64-082	64-982	300-3000 in.lb.	18 in.lb.	43-348 N.m.	2.03 N.m.	1.750	3.125	0.766	1.438	20.500	2.45	**64-092**	**64-297**
64-084	64-984	10-100 ft.lb.	0.5 ft.lb.	17-139 N.m.	0.7 N.m.	1.500	2.125	0.563	1.250	17.100	2.05	**64-091**	**64-295**
64-085	64-985	10-150 ft.lb.	1 ft.lb.	20-210 N.m.	1.4 N.m.	1.750	3.125	0.766	1.438	20.500	2.45	**64-092**	**64-297**
64-086	64-986	25-250 ft.lb.	1 ft.lb.	43-348 N.m.	1.4 N.m.	1.750	3.125	0.766	1.438	24.000	2.45	**64-092**	**64-298**
64-089	64-989	40-340 N.m.	2 N.m.	—	—	1.750	3.125	0.766	1.438	24.000	2.45	**64-092**	**64-298**

ASME B107.14M ISO 6789



3/8" Drive Micrometer Adjustable Torque Wrench, Flex Head Ratcheting

Product Number	Certified Model No.	PRIMARY SCALE Range	PRIMARY SCALE Incr.	ALTERNATE SCALE Range	ALTERNATE SCALE Incr.	Head Width (in.)	Head Length (in.)	Head Thickness (in.) less tang	Head Thickness (in.) with tang	Length, Inches	Weight lbs.	Ratchet Rep. Kit	Blow Mold Case
64-146	64-954	5-75 ft.lb	0.5 ft.lb.	10.1-105.1	0.7 N.m.	1.500	2.750	0.563	1.063	19.000	2.95	**64-078**	**64-295**



1/2" Drive Micrometer Adjustable Torque Wrench, Flex Head Ratcheting

Product Number	Certified Model No.	PRIMARY SCALE Range	PRIMARY SCALE Incr.	ALTERNATE SCALE Range	ALTERNATE SCALE Incr.	Head Width (in.)	Head Length (in.)	Head Thickness (in.) less tang	Head Thickness (in.) with tang	Length, Inches	Weight lbs.	Ratchet Rep. Kit	Blow Mold Case
64-186	64-958	25-250 ft.lb	1 ft.lb	43-348 N.m.	1.4 N.m.	1.750	3.500	0.766	1.438	27.000	4.65	**64-092**	**64-298**



3/4" Drive Micrometer Adjustable Torque Wrenches, Ratchet Head

Product Number	Certified Model No.	PRIMARY SCALE Range	PRIMARY SCALE Incr.	ALTERNATE SCALE Range	ALTERNATE SCALE Incr.	Head Width (in.)	Head Length (in.)	Head Thickness less tang	Head Thickness with tang	Length, Inches	Weight lbs.
64-094	64-994	50-400 ft.lb.	2.5 ft.lb.	85-559 N.m.	3.4 N.m.	2.450	3.063	1.700	2.620	33.000	9.62
64-095	64-995	100-600 ft.lb.	2.5 ft.lb.	153-830 N.m.	3.4 N.m.	2.450	3.063	1.700	2.620	40.500	10.72
64-099	64-999	150-800 N.m.	2.5 N.m.	—	—	2.450	3.063	1.700	2.620	40.500	10.72

ASME B107.14M ISO 6789



Pre-Set Torque Wrenches, Ratchet Head

Torque settings must be pre-set by making a simple internal adjustment, using a torque tester to verify the value. Designed for repetitive use in production applications where inadvertent changes to the wrench setting are to be avoided. Rubber grip provides added comfort in repetitive situations.

Product Number	Drive Size	Torque Range	Torque Range	Head Width (in.)	Head Length (in.)	Head Thickness (in.) less tang	Head Thickness (in.) with tang	Length, Inches	Weight lbs.	Ratchet Rep. Kit	Blow Mold Case
64-212	1/4"	30-200 in.lb.	4-25 N.m.	1.063	1.672	0.469	0.813	9.500	0.76	**64-036**	**64-293**
64-221	3/8"	50-250 in.lb.	6-29 N.m.	1.063	1.672	0.469	0.969	9.500	0.76	**64-077**	**64-293**
64-226	3/8"	10-100 ft.lb.	17-139 N.m.	1.500	2.125	0.563	1.063	17.100	2.05	**64-078**	**64-295**
64-236	1/2"	25-250 ft.lb.	43-348 N.m.	1.750	3.125	0.766	1.438	22.500	2.45	**64-092**	**64-298**
64-238	3/4"	100-650 ft.lb.	150-880 N.m.	2.450	3.063	1.700	2.620	41.800	11.00	—	—

ASME B107.14M Certificate available upon request

1/4" Torque Screwdrivers

Accuracy of +/-6% clockwise (20-100% of full range). Provides precise torque application. Clutch type release mechanism prevents over-torquing.

Product Number	Certified Model No.	PRIMARY SCALE Range	PRIMARY SCALE Incr.	Length, Inches	Weight lbs.
64-002	64-902	20-100 in./oz.	2 in./oz.	6.800	0.79
64-005	64-905	6-36 in.lb.	0.5 in.lb.	6.800	0.79

Includes 1/4" Drive female hex adapter. Comes in blow molded case.

ASME B107.14M





Micrometer Adjustable Torque Wrench Tubes – Interchangeable Head

Product Number	Drive Size	PRIMARY SCALE Range	PRIMARY SCALE Incr.	ALTERNATE SCALE Range	ALTERNATE SCALE Incr.	Insert Size	Length, Inches	Weight lbs.	Blow Mold Case
64-152	3/8"	150-750 in.lb.	5 in.lb.	-	-	9 x 12mm	10.500	1.85	**64-295**
64-154	3/8"	5-75 ft.lb.	0.5 ft.lb.	10.1-105.1 N.m.	0.7 N.m.	9 x 12mm	10.500	1.85	**64-295**
64-156	1/2"	300-3000 in.lb.	12 in.lb.	43-348 N.m.	1.4 N.m.	14 x 18mm	22.500	2.15	**64-297**
64-158	1/2"	25-250 ft.lb.	1 ft.lb.	43-348 N.m.	1.4 N.m.	14 x 18mm	22.500	2.15	**64-297**

Replacement heads on Page 7-9

Always wear eye protection when near tools in use.

Armstrong Torque Wrenches offer precise torque application in an easy-to-use durable design

Armstrong's newly designed dial torque wrenches provide precise, accurate torque measurement in a durable, easy to handle, comfortable wrench.



- Accuracy of +/- 4% in either direction
- Strong, corrosion resistant housing offers long-term performance
- Slim drive end allows easy access to tight spaces
- Large, dual-faced dials are color coded - silver for English, blue for metric - quick readings from any angle
- Rubber handle for comfortable grip (1/4", 3/8", 1/2" models)
- Memory indicator pointer remains at maximum torque for positive verification – valuable to determine breakaway torque
- Extension handle for extra leverage included on 600, 1000, and 2000 ft.lb. models
- Electric light signal and buzzer included on 600, 1000 and 2000 ft.lb. models for distinct audible and visual notification
- Sturdy, blow-mold case provides long-term protection

Comes in blow molded case



All dial torque wrenches include a blow molded case. (64-407 is packaged in a card board box)

1/4" Drive Dial Torque Wrenches

Product Number	PRIMARY SCALE Range	Incr.	SECONDARY SCALE Range	Incr.	Length, Inches	Weight lbs.
64-302	0-75 in.lb.	1 in.lb.	0-8 N.m.	0.2 N.m.	10.250	1.20

ASME B107.14M ISO 6789

3/8" Drive Dial Torque Wrenches

Product Number	PRIMARY SCALE Range	Incr.	SECONDARY SCALE Range	Incr.	Length, Inches	Weight lbs.
64-352	0-250 in.lb.	5 in.lb.	0-27 N.m.	0.5 N.m.	10.250	1.30
64-355	0-600 in.lb.	20 in.lb.	0-66 N.m.	2 N.m.	12.500	1.30
64-358	0-50 ft.lb.	1 ft.lb.	0-66 N.m.	2 N.m.	12.500	1.30

ASME B107.14M ISO 6789

1/2" Drive Dial Torque Wrenches

Product Number	PRIMARY SCALE Range	Incr.	SECONDARY SCALE Range	Incr.	Length, Inches	Weight lbs.
64-402	0-175 ft.lb.	5 ft.lb.	0-225 N.m.	5 N.m.	21.000	2.90
64-405	0-250 ft.lb.	5 ft.lb.	0-330 N.m.	10 N.m.	21.000	2.90

ASME B107.14M ISO 6789

1/2" Drive Dial Torque Wrenches, Ratchet Head

Product Number	PRIMARY SCALE Range	Incr.	SECONDARY SCALE Range	Incr.	Length, Inches	Weight lbs.
64-407	0-250 ft.lb.	5 ft.lb.	0-330 N.m.	10 N.m.	23.300	3.50

ASME B107.14M ISO 6789

3/4" Drive Dial Torque Wrenches with Wire Dial Guard

Product Number	PRIMARY SCALE Range	Incr.	ALTERNATE SCALE Range	Incr.	Length, Inches	Weight lbs.
64-452	0-350 ft.lb.	10 ft.lb.	0-450 N.m.	10 N.m.	47.000	8.30

ASME B107.14M ISO 6789

3/4" Drive Dial Torque Wrenches

Equipped with an extension.

Product Number	PRIMARY SCALE Range	Incr.	SECONDARY SCALE Range	Incr.	Length, Inches	Weight lbs.
64-455	0-600 ft.lb.	10 ft.lb.	0-800 N.m.	20 N.m.	47.000	8.30
64-458*	0-600 ft.lb.	10 ft.lb.	0-800 N.m.	20 N.m.	47.000	8.30

*Features electric light signal ASME B107.14M ISO 6789

1" Drive Dial Torque Wrench, with Electric Light Signal Dial

Equipped with an extension.

Product Number	PRIMARY SCALE Range	Incr.	SECONDARY SCALE Range	Incr.	Length, Inches	Weight lbs.
64-502	0-1000 ft.lb.	20 ft.lb.	0-1325 N.m.	25 N.m.	72.000	12.80

ASME B107.14M ISO 6789

Always wear eye protection when near tools in use.

1" Drive Dial Torque Wrench, with Electric Light Signal Dial

Equipped with topside 1" square female drive for use with torque multiplier. Also equipped with 4 extensions.

Product Number	PRIMARY SCALE Range	Incr.	SECONDARY SCALE Range	Incr.	Length, Inches	Weight lbs.
64-505	0-2000 ft.lb.	50 ft.lb.	0-2650 N.m.	50 N.m.	11.000	42.00

ASME B107.14M ISO 6789



- Measures torque in both right and left hand directions
- Accuracy +/- 7% of indicated reading

Deflecting Beam Torque Wrenches

Product Number	Drive Size	PRIMARY SCALE Range	Incr.	SECONDARY SCALE Range	Incr.	Length, Inches	Weight lbs.
64-720*	1/4"	0-60 in/lb	2.5 in/lb	0-70 cm/kg	0.25 cm/kg	11.000	0.50
64-730	3/8"	0-600 in/lb	25.0 in/lb	0-70 N.m.	5 N.m.	15.000	0.80
64-740	1/2"	0-150 ft.lb.	5 ft.lb.	0-200 N.m.	10 N.m.	18.300	1.50

*Ball ended handle



Torque Wrench Replacement Heads

Product Number	Drive Size, Inches	Description	Insert Size, mm
64-303	1/4, 3/8	TW Head Open End 1/4"	9 x 12
64-304	1/4, 3/8	TW Head Open End 5/16"	9 x 12
64-305	1/4, 3/8	TW Head Open End 3/8"	9 x 12
64-306	1/4, 3/8"	TW Head Open End 7/16"	9 x 12
64-307	1/4, 3/8	TW Head Open End 1/2"	9 x 12
64-308	1/4, 3/8	TW Head Open End 9/16"	9 x 12
64-309	1/4, 3/8	TW Head Open End 5/8"	9 x 12
64-310	1/4, 3/8	TW Head Open End 11/16"	9 x 12
64-311	1/4, 3/8	TW Head Open End 3/4"	9 x 12
64-312	1/2	TW Head Open End 7/16"	14 x 18
64-313	1/2	TW Head Open End 1/2"	14 x 18
64-314	1/2	TW Head Open End 9/16"	14 x 18
64-315	1/2	TW Head Open End 5/8"	14 x 18
64-316	1/2	TW Head Open End 11/16"	14 x 18
64-317	1/2	TW Head Open End 3/4"	14 x 18
64-318	1/2	TW Head Open End 13/16"	14 x 18
64-319	1/2	TW Head Open End 7/8"	14 x 18
64-320	1/2	TW Head Open End 15/16"	14 x 18
64-321	1/2	TW Head Open End 1"	14 x 18
64-322	1/2	TW Head Open End 1-1/8"	14 x 18
64-323	1/4, 3/8	TW Head Box End 1/4"	9 x 12
64-324	1/4, 3/8	TW Head Box End 5/16"	9 x 12
64-325	1/4, 3/8	TW Head Box End 3/8"	9 x 12
64-326	1/4, 3/8	TW Head Box End 7/16"	9 x 12
64-327	1/4, 3/8	TW Head Box End 1/2"	9 x 12
64-328	1/4, 3/8	TW Head Box End 9/16"	9 x 12
64-329	1/4, 3/8	TW Head Box End 5/8"	9 x 12
64-330	1/4, 3/8	TW Head Box End 11/16"	9 x 12
64-331	1/4, 3/8	TW Head Box End 3/4"	9 x 12
64-332	1/4, 3/8	TW Head Box End 13/16"	9 x 12
64-333	1/4, 3/8	TW Head Box End 7/8"	9 x 12
64-334	1/2	TW Head Box End 1/2"	14 x 18
64-335	1/2	TW Head Box End 9/16"	14 x 18
64-336	1/2	TW Head Box End 5/8"	14 x 18
64-337	1/2	TW Head Box End 11/16"	14 x 18
64-338	1/2	TW Head Box End 3/4"	14 x 18
64-339	1/2	TW Head Box End 13/16"	14 x 18
64-340	1/2	TW Head Box End 7/8"	14 x 18
64-341	1/2	TW Head Box End 15/16"	14 x 18
64-342	1/2	TW Head Box End 1"	14 x 18

Tubes on Page 7-5

Always wear eye protection when near tools in use.

64-750
7 Pc. 3/8" Drive 12 Point Torque Wrench Adapter Set

Approximate Weight, 0.90 lbs.

Product Number	Opening, Inches	Product Number	Opening, Inches
64-752	3/8	64-756	5/8
64-753	7/16	64-757	11/16
64-754	1/2	64-758	3/4
64-755	9/16		



64-700 METRIC
4 Pc. 3/8" Drive 12 Point Torque Wrench Adapter Set

Approximate Weight, 0.70 lbs.

Product Number	Opening, mm	Product Number	Opening, mm
64-710	10	64-715	15
64-713	13	64-718	18



3/8" Drive 12 Point Torque Wrench Adapter

Product Number	Opening, Inches	Length, Inches	Weight, lbs.
64-752	3/8	0.500	0.01
64-753	7/16	0.500	0.11
64-754	1/2	0.500	0.11
64-755	9/16	0.500	0.12
64-756	5/8	0.500	0.13
64-757	11/16	0.500	0.14
64-758	3/4	0.500	0.15



3/8" Drive 12 Point Torque Wrench Adapter METRIC

Product Number	Opening, mm	Length, Inches	Weight, lbs.
64-710	10	0.500	0.09
64-713	13	0.500	0.11
64-715	15	0.500	0.12
64-718	18	0.500	0.14



3/8" Drive 12 Point Spline Torque Wrench Adapter

Product Number	Opening, #	Length, Inches	Weight, lbs.
64-770	7	0.500	0.07
64-771	8	0.500	0.07
64-772	9	0.500	0.08
64-773	10	0.500	0.09
64-774	12	0.500	0.09
64-775	14	0.500	0.11
64-776	16	0.500	0.11
64-777	18	0.500	0.12
64-778	20	0.500	0.13
64-779	22	0.500	0.14
64-780	24	0.500	0.15



Reaction Bar Torque Multipliers

LOW INPUT TORQUE (160-225 IN.LB.)
- Can easily be applied by one person using standard 1/2" drive tools

PLANETARY GEAR SYSTEM
- Provides output torque accuracy of +/-5%

STURDY CARRYING CASE
- Allows for convenient storage, easy transportation

SHEARABLE OUTPUT DRIVE SQUARE IS REPLACEABLE (1,200 TO 3,200 IN.LB. MODELS)
- Square drive shears at 3-10% overload torque to protect against expensive internal damage

BUILT IN ANTI-BACKLASH DEVICE / TORQUE HOLDING RATCHET (2,200 TO 3,200 IN.LB. MODELS)
- Maintains the multiplier's input torque allowing the use of ratcheting drive tools

BUILT IN ANGLE OF TURN PROTRACTOR (1,200 TO 3,200 IN.LB. MODELS)
- Displays multiplier's output angle for use on fasteners requiring a specific angle rotation after applied torque



750 Foot Pound Reaction Bar Torque Multiplier

Product Number	Input Drive	Output Drive	Max Input ft.lb.	Max Output ft.lb.	Gear Ratio	Torque Ratio	Head Diameter (in.)	Head Thickness (in.)	Length, Inches	Weight lbs.
64-830	1/2 Sq. Female	3/4 Sq. Male	227	750	4.0:1	3.3:1	2.812	2.812	8.531	4.60



1,200 Foot Pound Reaction Bar Torque Multiplier

Product Number	Input Drive	Output Drive	Max Input ft.lb.	Max Output ft.lb.	Gear Ratio	Torque Ratio	Head Diameter (in.)	Head Thickness (in.)	Length, Inches	Weight lbs.	Repl. Sq. Dr.
64-832	1/2 Sq. Female	3/4 Sq. Male	200	1,200	6.3:1	6.0:1	3.937	4.062	14.125	13.00	64-850



2,200 Foot Pound Reaction Bar Torque Multiplier

Product Number	Input Drive	Output Drive	Max Input ft.lb.	Max Output ft.lb.	Gear Ratio	Torque Ratio	Head Diameter (in.)	Head Thickness (in.)	Length, Inches	Weight lbs.	Repl. Sq. Dr.
64-834	1/2 Sq. Female	1 Sq. Male	162	2,200	15.0:1	13.6:1	4.031	5.812	20.000	20.60	64-851



3,200 Foot Pound Reaction Bar Torque Multiplier

Product Number	Input Drive	Output Drive	Max Input ft.lb.	Max Output ft.lb.	Gear Ratio	Torque Ratio	Head Diameter (in.)	Head Thickness (in.)	Length, Inches	Weight lbs.	Repl. Sq. Dr.
64-836	1/2 Sq. Female	1 Sq. Male	173	3,200	20.2:1	18.5:1	4.031	6.375	20.000	22.10	64-852

2,000 Foot Pound Reaction Bar Torque Multiplier

Product Number	Input Drive	Output Drive	Max Input ft.lb.	Max Output ft.lb.	Gear Ratio	Torque Ratio	Head Diameter (in.)	Head Thickness (in.)	Length, Inches	Weight lbs.
64-833	3/4 Sq. Female	1 Sq. Male	500	2,000	4.27:1	3.5:1	3.800	4.500	19.50	12.00

Always wear eye protection when near tools in use.

Plate Reaction Torque Multipliers

LOW INPUT TORQUE (160-190 IN.LB.)
- Can easily be applied by one person using standard 1/2" drive tools

SHEARABLE OUTPUT DRIVE SQUARE IS REPLACEABLE
- Square drive shears at 3-10% overload torque to protect against expensive internal damage

BUILT IN ANTI-BACKLASH DEVICE / TORQUE HOLDING RATCHET
- Maintains the multiplier's input torque allowing the use of ratcheting drive tools

PLANETARY GEAR SYSTEM
- Provides torque accuracy of +/-5%



2,200 Foot Pound Plate Reaction Torque Multiplier

Product Number	Input Drive	Output Drive	Max Input ft.lb.	Max Output ft.lb.	Gear Ratio	Torque Ratio	Head Diameter (in.)	Head Thickness (in.)	Length, Inches	Weight lbs.	Repl. Sq. Dr.
64-840	1/2 Sq. Female	1 Sq. Male	162	2,200	15.0:1	13.6:1	4.875	5.500	14.062	17.20	64-851



5,000 Foot Pound Plate Reaction Torque Multiplier

Product Number	Input Drive	Output Drive	Max Input ft.lb.	Max Output ft.lb.	Gear Ratio	Torque Ratio	Head Diameter (in.)	Head Thickness (in.)	Length, Inches	Weight lbs.	Repl. Sq. Dr.
64-842	1/2 Sq. Female	1-1/2 Sq. Male	189	5,000	29.25:1	26.5:1	5.625	8.750	14.906	34.00	64-853

8,000 Foot Pound Plate Reaction Torque Multiplier

Product Number	Input Drive	Output Drive	Max Input ft.lb.	Max Output ft.lb.	Gear Ratio	Torque Ratio	Head Diameter (in.)	Head Thickness (in.)	Length, Inches	Weight lbs.	Repl. Sq. Dr.
64-844	1/2 Sq. Female	1-1/2 Sq. Male	154	8,000	60.0:1	52.0:1	5.812	10.750	15.187	50.30	64-854

SAFETY NOTICE

ALWAYS POSITION REACTION BAR SOLIDLY AGAINST AN OBJECT WITH SUFFICIENT BULK TO WITHSTAND THE GENERATED FORCE.

BE SURE TO HAVE A CLEAN, SECURE GRIP ON THE INPUT WRENCH TO AVOID KICK-BACK.

ALWAYS USE HEAVY DUTY POWER/IMPACT SOCKETS.

DO NOT USE WITH POWER DRIVE TOOLS.

COVER APPLICATIONS WITH APPROPRIATE SHIELD.

DO NOT EXCEED INPUT CAPACITY.



Electronic Torque Testers

DESIGNED TO BE A STURDY, COMPACT, COST EFFICIENT TESTER
- Can be mounted on a wall or workbench allowing operators to test torque wrenches at their work stations

ALL STEEL CONSTRUCTION WITH DURABLE NO-BREAK ROTARY NECK

ACCURACY OF +/-1% OF INDICATED VALUE (10% TO 100% OF RANGE)
- Includes accuracy certification

MULTIFUNCTION UNIT OFFERS VERSATILITY
- First Peak Mode
- Peak Mode
- Track Mode
- Quick set target torque for Go/No Go prompting
- Software on/auto off
- Three units of measure (ft-lb, in-lb, N.m.)
- Three way LED prompting wtih buzzer (under/within/over target)
- Adjustable display allows you to see the digits at any angle

Product Number	Drive Size, Inches	Primary Scale Range	Secondary Scale Range	Weight lbs.
64-623	1/4	5-50 in.lb.	5.6-56 N.m.	6.00
64-633	3/8	25-250 in.lb.	28-280 N.m.	6.00
64-637	3/8	10-100 ft.lb.	13-136 N.m.	6.00
64-647	1/2	25-250 ft.lb.	34-340 N.m.	6.00
64-657	3/4	60-600 ft.lb.	81-813 N.m.	6.50

Always wear eye protection when near tools in use.

Dual Material Screwdrivers
Round Shank Screwdrivers (Standard and Phillips)
Square Shank Screwdrivers (Standard)
Cabinet/Electrician's
Style Screwdrivers
Torx® Screwdrivers
Bolster Screwdrivers
Hollow Shaft Nut Drivers
Solid Shaft Nut Drivers
T-Handle Nut Drivers
Screw Starters



SPEED
Handles are color coded for easy identification

SPEED
Easy to read size molded into handle

STRENGTH
T-handle provides additional leverage for greater torque strength

STRENGTH
Specifically heat-treated for the correct balance of strength and durability

ACCESS
Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions



ACCESS
Cushion grip handle for increased comfort and reduced fatigue

STRENGTH
Full shaft heat treat provides superior strength that resists tip wear, as well as shank twisting and breakage

SPEED
Widened design in center, plus broad, shallow flutes at base of handle aid in spinning and finger tip control

STRENGTH
Nut bolsters for additional turning power

SAFETY
Blasted tips eliminate chrome peel and provide superior fit between tip and fastener, reducing slippage and possible injury



Set 66-621
6 Pc. (Standard, Phillips) Dual Material Screwdriver Set

Product Number	Tip Size, Inches	Tip Width, Inches	Blade Length, Inches
Phillips			
66-400	#1	0.188	3.000
66-402	#2	0.250	4.000
66-404	#3	0.313	6.000
Standard (Square)			
66-441	0.040	0.250	4.000
66-443	0.050	0.313	6.000
66-445	0.066	0.375	8.000

Storage Tray

Always wear eye protection when near tools in use.

Set 66-611
19 Pc. (Standard, Phillips, Cabinet) Screwdriver Set

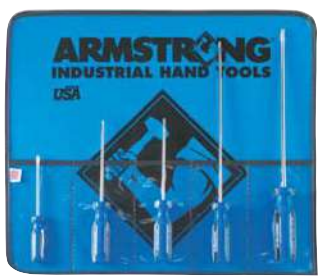
Product Number	Tip Size, Inches	Tip Width, Inches	Blade Length, Inches
Phillips			
66-150	#2	0.250	1.500
66-152	#0	0.125	2.500
66-153	#1	0.188	3.000
66-155	#1	0.188	6.000
66-156	#2	0.250	4.000
66-158	#2	0.250	8.000
66-161	#3	0.313	6.000
66-164	#4	0.375	8.000
Standard (Square)			
66-203	0.030	0.188	4.000
66-208	0.037	0.250	4.000
66-217	0.042	0.313	6.000
66-220	0.050	0.375	8.000
66-226	0.070	0.438	12.000
66-232	0.037	0.250	1.500
Cabinet			
66-253	0.020	0.125	3.000
66-255	0.020	0.125	4.000
66-259	0.020	0.125	8.000
66-262	0.037	0.188	4.000
66-268	0.037	0.188	8.000

Vinyl Rolls

29-415, 29-412, 29-411







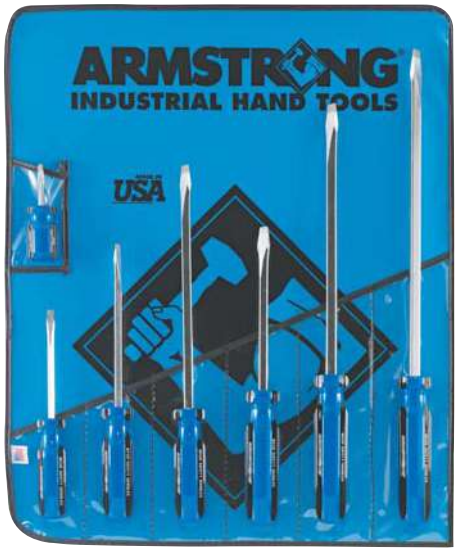
Set 66-620
8 Pc. (Standard, Phillips, Cabinet) Screwdriver Set

Product Number	Tip Size, Inches	Tip Width, Inches	Blade Length, Inches
Standard (Round)			
66-102	0.037	0.250	4.000
66-103	0.040	0.313	6.000
Phillips			
66-153	#1	0.188	3.000
66-156	#2	0.250	4.000
66-161	#3	0.313	6.000
Cabinet			
66-261	0.037	0.188	3.000
66-262	0.037	0.188	4.000
66-265	0.037	0.188	5.000

Vinyl Roll

29-415

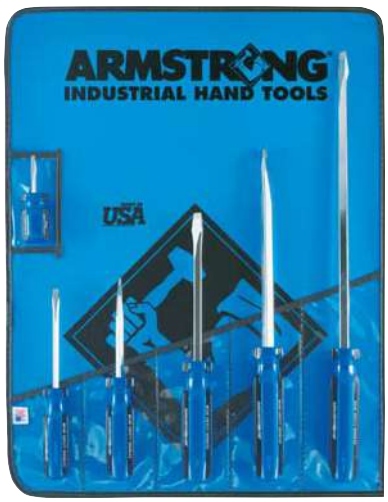




Set 66-626
7 Pc. Standard (Square) Screwdriver Set

Product Number	Tip Size, Inches	Tip Width, Inches	Blade Length, Inches
66-203	0.030	0.188	4.000
66-211	0.037	0.250	6.000
66-214	0.042	0.313	8.000
66-217	0.042	0.313	6.000
66-221	0.050	0.375	10.000
66-223	0.050	0.375	12.000
66-232	0.037	0.250	1.500

Vinyl Roll
29-414



Set 66-606
6 Pc. Standard (Square) Screwdriver Set

Product Number	Tip Size, Inches	Tip Width, Inches	Blade Length, Inches
66-203	0.030	0.188	4.000
66-208	0.037	0.250	4.000
66-217	0.042	0.313	6.000
66-220	0.050	0.375	8.000
66-226	0.070	0.438	12.000
66-232	0.037	0.250	1.500

Vinyl Roll
29-412



Set 66-610
4 Pc. Standard (Square) Screwdriver Set

Product Number	Tip Size, Inches	Tip Width, Inches	Blade Length, Inches
66-202	0.020	0.125	3.000
66-203	0.030	0.188	4.000
66-217	0.042	0.313	6.000
66-220	0.050	0.375	8.000

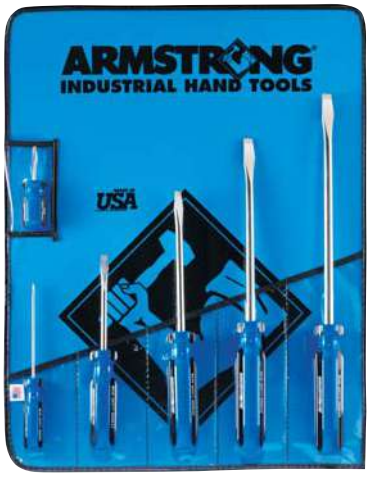
Vinyl Roll
29-410

Always wear eye protection when near tools in use.

Set 66-608
6 Pc. Standard (Round) Screwdriver Set

Product Number	Tip Size, Inches	Tip Width, Inches	Blade Length, Inches
66-102	0.037	0.250	4.000
66-103	0.040	0.313	6.000
66-105	0.040	0.313	10.000
66-106	0.050	0.375	8.000
66-232	0.037	0.250	1.500
66-262	0.037	0.188	4.000

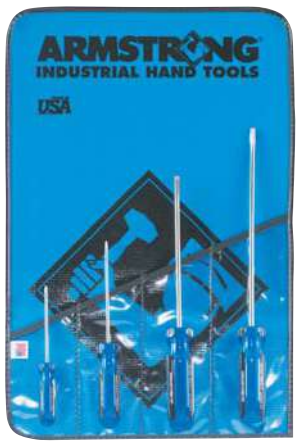
Vinyl Roll
29-412



Set 66-618
4 Pc. Cabinet Screwdriver Set

Product Number	Tip Size, Inches	Tip Width, Inches	Blade Length, Inches
66-261	0.037	0.188	3.000
66-262	0.037	0.188	4.000
66-267	0.037	0.188	6.000
66-268	0.037	0.188	8.000

Vinyl Roll
29-410



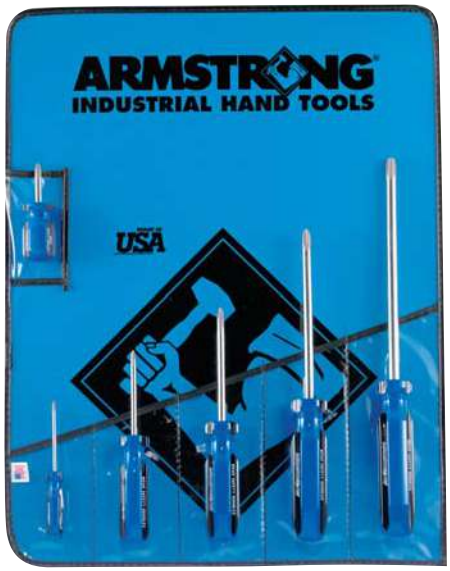
Set 66-604
8 Pc. Torx® Screwdriver Set

Product Number	Tip Size	Tip Width, Inches	Blade Length, Inches
66-321	T10	0.188	3.000
66-323	T15	0.188	3.000
66-324	T15	0.188	1.250
66-326	T20	0.188	3.000
66-327	T25	0.188	3.000
66-329	T27	0.250	4.000
66-330	T30	0.250	4.000
66-332	T40	0.313	6.000

Vinyl Roll
29-415



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



Set 66-619
6 Pc. Phillips Screwdriver Set

Product Number	Tip Size	Tip Width, Inches	Blade Length, Inches
66-150	#2	0.250	1.500
66-152	#0	0.125	2.500
66-153	#1	0.188	3.000
66-156	#2	0.250	4.000
66-161	#3	0.313	6.000
66-164	#4	0.375	8.000

Vinyl Roll
29-412



Set 66-639
4 Pc. Phillips Screwdriver Set

Product Number	Tip Size, Inches	Tip Width, Inches	Blade Length, Inches
66-152	#0	0.125	2.500
66-153	#1	0.188	3.000
66-156	#2	0.250	4.000
66-161	#3	0.313	6.000

Vinyl Roll
29-410



Set 66-620A
8 Pc. (Standard, Phillips, Cabinet) Screwdriver Set

Product Number	Tip Size, Inches	Tip Width, Inches	Blade Length, Inches
Standard (Round)			
66-232	0.037	0.250	1.500
66-102	0.037	0.250	4.000
66-103	0.040	0.313	6.000
Phillips			
66-153	#2	0.188	1.500
66-153	#1	0.188	3.000
66-156	#2	0.250	4.000
66-161	#3	0.313	6.000
Cabinet			
66-261	0.037	0.188	3.000

Always wear eye protection when near tools in use.

Set 66-612
8 Pc. (Standard, Phillips) Screwdriver Set

Product Number	Tip Size, Inches	Tip Width, Inches	Blade Length, Inches
Standard (Round)			
66-501	0.040	0.250	4.000
66-502	0.037	0.188	3.000
66-504	0.045	0.313	6.000
66-505	0.037	0.250	4.000
66-507	0.055	0.375	8.000
Phillips			
66-524	#1	0.188	3.000
66-527	#2	0.250	4.000
66-530	#3	0.313	6.000

Vinyl Roll
29-415



Set 66-614
7 Pc. (Standard, Phillips, Cabinet) Screwdriver Set

Product Number	Tip Size, Inches	Tip Width, Inches	Blade Length, Inches
Standard (Round)			
66-504	0.045	0.313	6.000
Phillips			
66-524	#1	0.188	3.000
66-527	#2	0.250	4.000
Standard (Square)			
66-544	0.040	0.250	4.000
Cabinet			
66-561	0.035	0.188	3.000
66-563	0.035	0.188	4.000
66-564	0.035	0.188	6.000

Vinyl Roll
29-413



Set 66-615
5 Pc. (Standard, Phillips, Cabinet) Screwdriver Set

Product Number	Tip Size, Inches	Tip Width, Inches	Blade Length, Inches
Standard (Round)			
66-504	0.045	0.313	6.000
Phillips			
66-527	#2	0.250	4.000
Standard (Square)			
66-544	0.040	0.250	4.000
Cabinet			
66-564	0.035	0.188	6.000
66-567	0.035	0.188	8.000

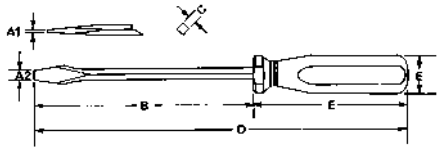
Vinyl Roll
29-411





Standard Tip, Round Shank, Dual Material

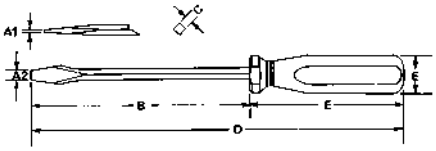
Product Number	A1 Tip Thickness, Inches	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-440	0.040	0.250	2.250	0.250	6.095	1.250 x 3.860	#8, 9
66-441	0.040	0.250	4.000	0.250	8.340	1.400 x 4.350	#8, 9
66-443	0.050	0.313	6.000	0.313	10.700	1.500 x 4.700	#10
66-445	0.066	0.375	8.000	0.375	12.660	1.530 x 4.670	#12, 14-24, 0.250-0.375





Phillips Tip, Round Shank, Dual Material

Product Number	A1 Tip Size	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-400	#1	0.188	3.000	0.188	6.850	1.200 x 3.870	P1
66-402	#2	0.250	4.000	0.250	8.350	1.360 x 6.350	P2
66-404	#3	0.313	6.000	0.313	10.600	1.530 x 4.700	P3



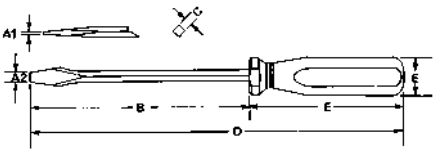
Always wear eye protection when near tools in use.

Standard Tip, Square Shank

Product Number	A1 Tip Thickness, Inches	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-202*†	0.020	0.125	3.000	0.125	5.250	0.625 x 2.250	#2, 3
66-203†	0.030	0.188	4.000	0.188	7.750	1.063 x 3.750	#5, 6, 7
66-205†	0.030	0.188	6.000	0.188	9.750	1.063 x 3.750	#5, 6, 7
66-206	0.037	0.188	1.500	0.188	5.250	1.063 x 3.750	#5, 6, 7
66-208†	0.037	0.250	4.000	0.250	8.250	1.188 x 4.250	#8, 9
66-209†	0.037	0.250	8.000	0.250	12.250	1.188 x 4.250	#8, 9
66-211†	0.037	0.250	6.000	0.250	10.250	1.188 x 4.250	#8, 9
66-212†	0.037	0.250	3.000	0.250	7.250	1.188 x 4.250	#8, 9
66-214†	0.042	0.313	8.000	0.313	13.000	1.250 x 5.000	#10
66-215†	0.042	0.313	10.000	0.313	15.000	1.250 x 5.000	#10
66-217†	0.042	0.313	6.000	0.313	11.000	1.250 x 5.000	#10
66-218†	0.042	0.313	5.000	0.313	10.000	1.250 x 5.000	#10
66-220†	0.050	0.375	8.000	0.375	13.500	1.250 x 5.500	#12, 14-24, 0.250-0.375
66-221†	0.050	0.375	10.000	0.375	15.500	1.250 x 5.500	#12, 14-24, 0.250-0.375
66-223†	0.050	0.375	12.000	0.375	17.500	1.250 x 5.500	#12, 14-24, 0.250-0.375
66-224†	0.050	0.375	6.000	0.375	11.500	1.250 x 5.500	#12, 14-24, 0.250-0.375
66-226†	0.070	0.438	12.000	0.438	18.000	1.500 x 6.000	
66-227†	0.070	0.438	10.000	0.438	15.000	1.500 x 6.000	

†ASME B107-15 Fed'l Spec. GGG-S-121e

* Includes Pocket Clip

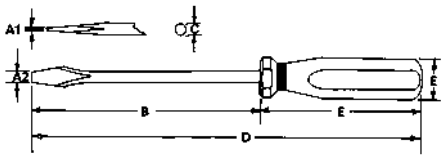




Standard Tip, Round Shank

Product Number	A1 Tip Thickness, Inches	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-102†	0.037	0.250	4.000	0.250	8.250	1.188 x 4.250	#8, 9
66-103	0.040	0.313	6.000	0.313	11.000	1.250 x 5.000	#10
66-105	0.040	0.313	10.000	0.313	15.000	1.250 x 5.000	#10
66-106†	0.050	0.375	8.000	0.375	13.500	1.250 x 5.500	#12, 14-24, 0.250-0.375
66-108†	0.050	0.375	10.000	0.375	15.500	1.250 x 5.500	#12, 14-24, 0.250-0.375
66-109†	0.050	0.375	12.000	0.375	170.500	1.250 x 5.500	#12, 14-24, 0.250-0.375

†ASME B107-15 Fed'l Spec. GGG-S-121e

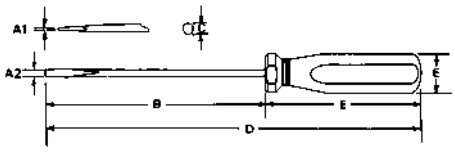






Cabinet Tip, Round Shank

Product Number	A1 Tip Thickness, Inches	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-253	0.020	0.125	3.000	0.125	5.250	0.625 x 2.250	#2, 3
66-255	0.020	0.125	4.000	0.125	6.250	0.875 x 3.000	#2, 3
66-256	0.020	0.125	5.000	0.125	7.250	0.875 x 3.000	#2, 3
66-258	0.020	0.125	6.000	0.125	8.250	0.875 x 3.000	#2, 3
66-259	0.020	0.125	8.000	0.125	10.250	0.875 x 3.000	#2, 3
66-261	0.037	0.188	3.000	0.188	6.750	1.063 x 3.750	#5, 6, 7
66-262	0.037	0.188	4.000	0.188	7.750	1.063 x 3.750	#5, 6, 7
66-265	0.037	0.188	5.000	0.188	8.750	1.063 x 3.750	#5, 6, 7
66-267	0.037	0.188	6.000	0.188	9.750	1.063 x 3.750	#5, 6, 7
66-268	0.037	0.188	8.000	0.188	11.750	1.063 x 3.750	#5, 6, 7
66-270	0.037	0.188	10.000	0.188	13.750	1.063 x 3.750	#5, 6, 7
66-271	0.040	0.250	10.000	0.250	14.250	1.188 x 4.250	#8, 9



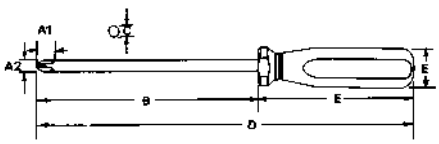


Phillips Tip, Round Shank

Product Number	A1 Tip Size	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-152*	#0	0.125	2.500	0.125	4.750	0.625 x 2.250	P0
66-153	#1	0.188	3.000	0.188	6.750	1.063 x 3.750	P1
66-155	#1	0.188	6.000	0.188	9.750	1.063 x 3.750	P1
66-156	#2	0.250	4.000	0.250	8.250	1.188 x 4.250	P2
66-158	#2	0.250	8.000	0.250	12.250	1.188 x 4.250	P2
66-161	#3	0.313	6.000	0.313	11.000	1.250 x 5.000	P3
66-164	#4	0.375	8.000	0.375	13.500	1.250 x 5.500	P4

ASME B107-15 Fed'l Spec. GGG-S-121e

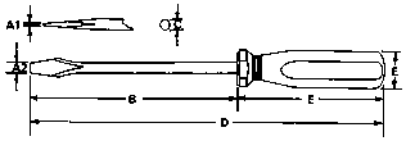
* Includes Pocket Clip



Always wear eye protection when near tools in use.

Standard Tip, Stubby

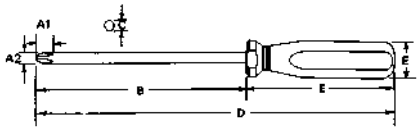
Product Number	A1 Tip Thickness, Inches	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-230	0.030	0.188	1.000	0.188	3.000	1.188 x 2.000	#5, 6, 7
66-232	0.037	0.250	1.500	0.250	3.500	1.188 x 2.000	#8, 9





Phillips Tip, Stubby

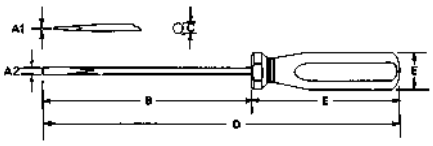
Product Number	A1 Tip Size	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-150	#2	0.250	1.500	0.250	3.500	1.188 x 2	P2





Standard Tip, with Pocket Clip

Product Number	A1 Tip Thickness, Inches	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size	Shank
66-253	0.020	0.125	3.000	0.125	5.250	0.625 x 2.250	#2, 3	Round
66-202	0.020	0.125	3.000	0.125	5.250	0.625 x 2.250	#2, 3	Square

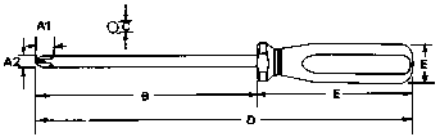




Phillips Tip, with Pocket Clip

Product Number	A1 Tip Size	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-152	#0	0.125	2.500	0.125	4.750	0.625 x 2.250	P0

ASME B107-15 Fed'l Spec. GGG-S-121e



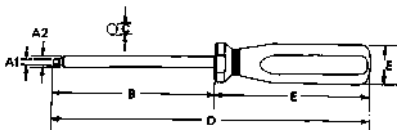




Torx®, Round Shank

Product Number	A1 Tip Size	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-321	T10	0.188	3.000	0.188	6.750	1.063 x 3.750	T-10
66-323	T15	0.188	3.000	0.188	6.750	1.063 x 3.750	T-15
66-324	T15	0.188	1.250	0.188	5.000	1.063 x 3.750	T-15
66-326	T20	0.188	3.000	0.188	6.750	1.063 x 3.750	T-20
66-327	T25	0.188	3.000	0.188	6.750	1.063 x 3.750	T-25
66-329	T27	0.250	4.000	0.250	4.250	1.188 x 4.250	T-27
66-330	T30	0.250	4.000	0.250	4.250	1.188 x 4.250	T-30
66-332	T40	0.313	6.000	0.313	11.000	1.250 x 5.000	T-40

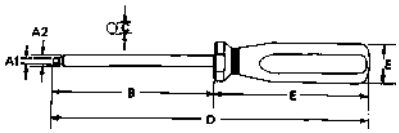
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Square Tip, Round Shank

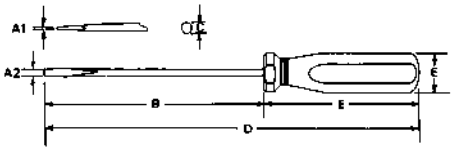
Product Number	A1 Tip Size	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-304	#1	0.188	3.000	0.188	6.750	1.063 x 3.750	R1
66-305	#2	0.250	4.000	0.250	8.250	1.188 x 4.250	R2
66-306	#3	0.250	4.000	0.250	8.250	1.188 x 4.250	R3



Always wear eye protection when near tools in use.

Cabinet Tip, Slotted

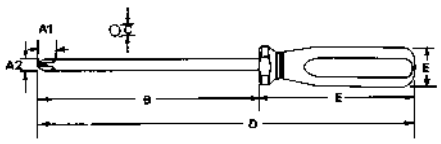
Product Number	A1 Tip Thickness, Inches	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-261A	0.033	0.220	3.000	0.187	5.750	1.190 x 3.600	#5, 6, 7





Phillips Tip, Round Shank

Product Number	A1 Tip Size	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-153A	#1	0.188	3.000	0.188	6.500	1.188 x 3.600	P1
66-156A	#2	0.250	6.000	0.250	8.250	1.250 x 4.250	P2
66-161A	#3	0.313	6.000	0.313	10.500	1.375 x 4.600	P3



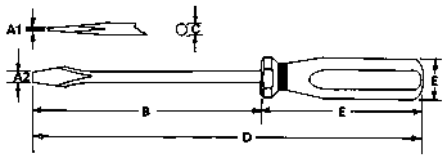




Standard Tip, Round Shank

Product Number	A1 Tip Thickness, Inches	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-102A	0.037	0.250	4.000	0.250	8.250	1.250 x 4.250	#8, 9
66-103A	0.040	0.313	6.000	0.313	10.500	1.375 x 4.600	#10

ASME B107-15 Fed'l Spec. GGG-S-121e

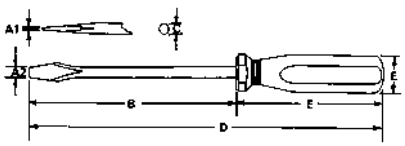




Standard Tip, Stubby

Product Number	A1 Tip Thickness, Inches	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-232A	0.037	0.250	1.500	0.250	3.500	1.188 x 2.000	#8, 9

ASME B107-15 Fed'l Spec. GGG-S-121e

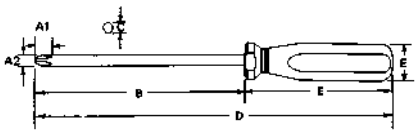




Phillips Tip, Stubby

Product Number	A1 Tip Size	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-150A	#2	0.250	1.500	0.250	3.500	1.188 x 2.000	P2

ASME B107-15 Fed'l Spec. GGG-S-121e

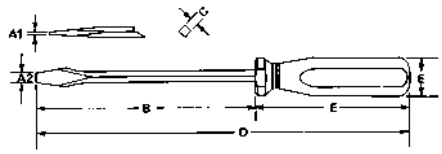


Always wear eye protection when near tools in use.

Standard Tip, Square Shank

Product Number	A1 Tip Thickness, Inches	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-541	0.040	0.250	1.313	0.250	3.063	1.250 x 1.750	#8, 9
66-544	0.040	0.250	4.000	0.250	8.250	1.250 x 4.250	#8, 9
66-546	0.050	0.375	12.000	0.375	17.438	1.375 x 5.438	#12, 14-24, 0.250-0.375
66-547	0.050	0.313	6.000	0.313	10.875	1.250 x 4.875	#10, 12
66-550	0.055	0.375	8.000	0.375	12.875	1.250 x 4.875	#15, 18, 20
66-553	0.055	0.375	10.000	0.375	14.875	1.250 x 4.875	#15, 18, 20

ASME B107-15 Fed'l Spec. GGG-S-121e

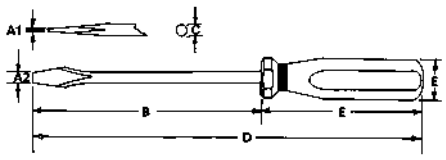




Standard Tip, Round Shank

Product Number	A1 Tip Thickness, Inches	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-502	0.037	0.188	3.000	0.188	7.750	1.125 x 3.750	#5, 6, 7
66-505	0.037	0.250	4.000	0.250	8.906	1.313 x 4.906	#8, 9
66-501	0.040	0.250	4.000	0.250	8.250	1.250 x 4.250	#8, 9
66-504	0.045	0.313	6.000	0.313	10.875	1.250 x 4.875	#12, 14, 16
66-509	0.050	0.375	10.000	0.375	15.438	1.375 x 5.438	#12, 14-24, 0.250-0.375
66-510	0.050	0.375	12.000	0.375	17.438	1.375 x 5.438	#12, 14-24, 0.250-0.375
66-507	0.055	0.375	8.000	0.375	12.875	1.250 x 4.875	#15, 18, 20

ASME B107-15 Fed'l Spec GGG-S-121e

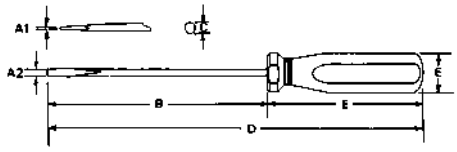






Cabinet Tip, Round Shank

Product Number	A1 Tip Thickness, Inches	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-561	0.035	0.188	3.000	0.188	6.625	1.125 x 3.625	#5, 6, 7
66-563	0.035	0.188	4.000	0.188	7.750	1.125 x 3.625	#5, 6, 7
66-564	0.035	0.188	6.000	0.188	9.625	1.125 x 3.625	#5, 6, 7
66-567	0.035	0.188	8.000	0.188	11.625	1.125 x 3.625	#5, 6, 7
66-570	0.035	0.188	10.000	0.188	13.625	1.125 x 3.625	#5, 6, 7

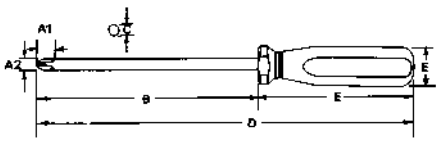




Phillips Tip, Round Shank

Product Number	A1 Tip Size	A2 Tip Width, Inches	B Blade Length, Inches	C Blade Dia., Inches	D Overall Length, Inches	E Handle Size Dia. x Length	Screw Size
66-521	#2	0.250	1.313	0.250	3.063	1.250 x 1.750	P2
66-524	#1	0.188	3.000	0.188	6.625	1.125 x 3.625	P1
66-527	#2	0.250	4.000	0.250	8.250	1.125 x 4.250	P2
66-526	#2	0.250	6.000	0.250	10.906	1.313 x 4.906	P2
66-528	#2	0.250	12.000	0.250	16.906	1.125 x 3.625	P2
66-530	#3	0.313	6.000	0.313	10.875	1.250 x 4.875	P3

ASME B107-15 Fed'l Spec GGG-S-121e



Always wear eye protection when near tools in use.

Set 66-743
7 Pc. T-Handle Nut Driver Set

Approximate Weight, 1.93 lbs.

Product Number	Shank Size, Inches	Product Number	Shank Size, Inches
66-706	0.188	66-712	0.375
66-708	0.250	66-714	0.438
66-710	0.313	66-716	0.500
66-711	0.344		

Tray



Set 66-747 METRIC
7 Pc. T-Handle Nut Driver Set

Approximate Weight, 1.93 lbs.

Product Number	Shank Size, mm	Product Number	Shank Size, mm
66-731	5	66-736	9
66-733	6	66-737	10
66-734	7	66-738	11
66-735	8		

Tray





Set 66-843
7 Pc. Hollow Shaft Nut Driver Set

Approximate Weight, 1.45 lbs.

Product Number	Shank Size, Inches
66-808	0.250
66-809	0.281
66-810	0.313
66-811	0.344
66-812	0.375
66-814	0.438
66-816	0.500

Vinyl Roll
29-426



Set 66-845
11 Pc. Hollow Shaft Nut Driver Set

Approximate Weight, 2.31 lbs.

Product Number	Shank Size, Inches
66-806	0.188
66-807	0.219
66-808	0.250
66-809	0.281
66-810	0.313
66-811	0.344
66-812	0.375
66-814	0.438
66-816	0.500
66-818	0.563
66-820	0.625

Vinyl Roll
29-456



Set 66-843A
7 Pc. Solid Shaft Nut Driver Set

Approximate Weight, 3.63 lbs.

Product Number	Shank Size, Inches
66-806A	0.188
66-808A	0.250
66-810A	0.313
66-811A	0.344
66-812A	0.375
66-814A	0.438
66-816A	0.500
Vinyl Pouch	

Always wear eye protection when near tools in use.

Set 66-847 — METRIC
7 Pc. Hollow Shaft Nut Driver Set

Approximate Weight, 1.40 lbs.

Product Number	Shank Size, mm	Product Number	Shank Size, mm
66-831	5	66-835	8
66-832	5.5	66-836	9
66-833	6	66-837	10
66-834	7		

Vinyl Roll
29-426



Set 66-848 — METRIC
11 Pc. Hollow Shaft Nut Driver Set

Approximate Weight, 1.98 lbs.

Product Number	Shank Size, mm	Product Number	Shank Size, mm
66-829	4	66-836	9
66-831	5	66-837	10
66-832	5.5	66-838	11
66-833	6	66-839	12
66-834	7	66-840	13
66-835	8		

Vinyl Roll
29-456



Set 66-847A — METRIC
7 Pc. Solid Shaft Nut Driver Set

Approximate Weight, 3.63 lbs.

Product Number	Shank Size, mm	Product Number	Shank Size, mm
66-831A	5	66-836A	9
66-833A	6	66-837A	10
66-834A	7	66-838A	11
66-835A	8	Vinyl Pouch	

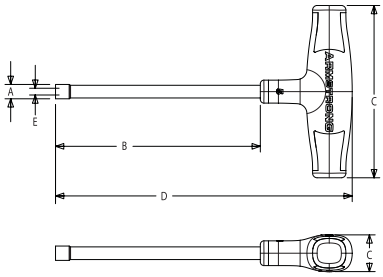




T-Handle Nut Drivers

Product Number	Opening, Inches	Weight, lbs.	A Drive End (in.)	B Shaft Length (in.)	C Handle Size Dia. x Length (in.)	D Overall Length (in.)	E Bolt Clearance	Handle Color
66-706	0.188	0.19	0.314	4.500	0.800 x 3.750	6.500	0.152	Black
66-708	0.250	0.19	0.393	4.500	0.800 x 3.750	6.500	0.152	Red
66-710	0.313	0.30	0.463	4.000	1.000 x 4.700	6.500	0.214	Amber
66-711	0.344	0.30	0.493	4.000	1.000 x 4.700	6.500	0.214	Green
66-712	0.375	0.30	0.533	4.000	1.000 x 4.700	6.500	0.214	Blue
66-714	0.438	0.44	0.603	4.000	1.000 x 4.700	6.500	0.333	Brown
66-716	0.500	0.45	0.683	4.000	1.000 x 4.700	6.500	0.333	Red

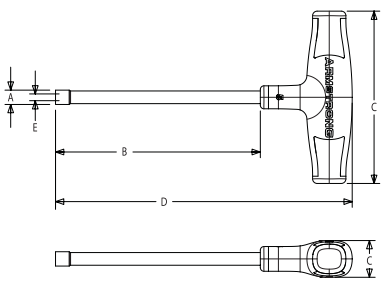
ASME B107.12 Fed'l Spec. GGG-W-657c





T-Handle Nut Drivers — METRIC

Product Number	Opening, mm	Weight, lbs.	A Drive End (in.)	B Shaft Length (in.)	C Handle Size Dia. x Length (in.)	D Overall Length (in.)	E Bolt Clearance	Handle Color
66-731	5	0.19	0.314	4.500	0.800 x 3.750	6.500	0.152	Black
66-733	6	0.19	0.359	4.500	0.800 x 3.750	6.500	0.152	Red
66-734	7	0.30	0.411	4.000	1.000 x 4.700	6.500	0.214	Orange
66-735	8	0.30	0.463	4.000	1.000 x 4.700	6.500	0.214	Amber
66-736	9	0.30	0.510	4.000	1.000 x 4.700	6.500	0.214	Green
66-737	10	0.44	0.556	4.000	1.000 x 4.700	6.500	0.333	Blue
66-738	11	0.44	0.603	4.000	1.000 x 4.700	6.500	0.333	Brown

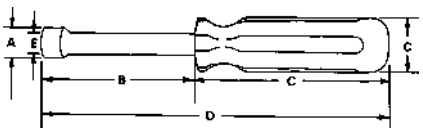


Always wear eye protection when near tools in use.

Hollow Shaft Nut Drivers, 6-Point Opening

Product Number	Opening, Inches	Weight, lbs.	A Drive End (in.)	B Shaft Length (in.)	C Handle Size Dia. x Length (in.)	D Overall Length (in.)	E Bolt Clearance	Handle Color
66-806	0.188	0.12	0.328	3.000	1.000 x 3.600	6.620	0.140	Black
66-807	0.219	0.12	0.373	3.000	1.000 x 3.600	6.620	0.140	Brown
66-808	0.250	0.13	0.421	3.000	1.000 x 3.600	6.620	0.196	Red
66-809	0.281	0.13	0.451	3.000	1.000 x 3.600	6.620	0.203	Orange
66-810	0.313	0.14	0.490	3.000	1.000 x 3.600	6.620	0.196	Amber
66-811	0.344	0.14	0.531	3.000	1.000 x 3.600	6.620	0.203	Green
66-812	0.375	0.16	0.570	3.000	1.000 x 3.600	6.620	0.272	Blue
66-814	0.438	0.19	0.648	3.000	1.060 x 4.000	7.000	0.272	Brown
66-816	0.500	0.21	0.718	3.000	1.060 x 4.000	7.000	0.333	Red
66-818	0.563	0.24	0.806	4.000	1.190 x 4.500	8.500	0.397	Red
66-820	0.625	0.27	0.890	4.000	1.190 x 4.500	8.500	0.453	Red

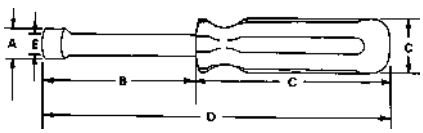
ASME B107.12 Fed'l Spec. GGG-W-657c





Hollow Shaft Nut Drivers, 6-Point Opening — METRIC

Product Number	Opening, mm	Weight, lbs.	A Drive End	B Shaft Length	C Handle Size Dia. x Length	D Overall Length	E Bolt Clearance
66-829	4	0.10	8.0	76.0	25.0 x 91.0	167.0	4.0
66-831	5	0.12	10.0	76.0	25.0 x 91.0	167.0	4.0
66-832	5.5	0.12	10.0	76.0	25.0 x 91.0	167.0	4.0
66-833	6	0.13	11.0	76.0	25.0 x 91.0	167.0	5.0
66-834	7	0.13	12.0	76.0	25.0 x 91.0	167.0	5.0
66-835	8	0.14	13.0	76.0	25.0 x 91.0	167.0	5.0
66-836	9	0.14	14.0	76.0	25.0 x 91.0	167.0	5.0
66-837	10	0.15	15.0	76.0	26.0 x 101.0	177.0	7.0
66-838	11	0.18	17.0	76.0	26.0 x 101.0	177.0	7.0
66-839	12	0.20	17.0	76.0	26.0 x 101.0	177.0	7.0
66-840	13	0.27	18.0	76.0	26.0 x 101.0	177.0	8.0



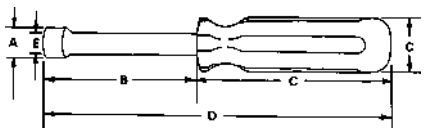




Solid Shaft Nut Drivers, 6-Point Opening

Product Number	Opening, Inches	Weight, lbs.	A Drive End (in.)	B Shaft Length (in.)	C Handle Size Dia. x Length (in.)	D Overall Length (in.)	E Bolt Clearance (in.)	Handle Color
66-806A	0.188	0.12	0.328	3.000	1.000 x 3.600	6.620	0.140	Black
66-808A	0.250	0.13	0.421	3.000	1.000 x 3.600	6.620	0.196	Red
66-810A	0.313	0.14	0.490	3.000	1.000 x 3.600	6.620	0.196	Amber
66-811A	0.344	0.14	0.531	3.000	1.000 x 3.600	6.620	0.203	Green
66-812A	0.375	0.16	0.570	3.000	1.000 x 3.600	6.620	0.272	Blue
66-814A	0.438	0.19	0.648	3.000	1.060 x 4.000	7.000	0.272	Brown
66-816A	0.500	0.21	0.718	3.000	1.060 x 4.000	7.000	0.333	Red

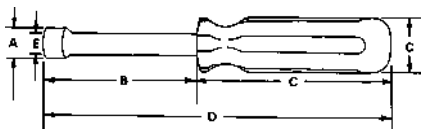
ASME B107.12 Fed'l Spec. GGG-W-657c





Solid Shaft Nut Drivers, 6-Point Opening — METRIC

Product Number	Opening, mm	Weight, lbs.	A Drive End (mm)	B Shaft Length (mm)	C Handle Size Dia. x Length (mm)	D Overall Length (mm)	E Bolt Clearance (mm)
66-831A	5	0.12	10.0	76.0	25.0 x 91.0	167.0	4.0
66-833A	6	0.13	11.0	76.0	25.0 x 91.0	167.0	5.0
66-834A	7	0.13	12.0	76.0	25.0 x 91.0	167.0	5.0
66-835A	8	0.14	13.0	76.0	25.0 x 91.0	167.0	5.0
66-836A	9	0.14	14.0	76.0	25.0 x 91.0	167.0	5.0
66-837A	10	0.15	15.0	76.0	26.0 x 101.0	177.0	7.0
66-838A	11	0.18	17.0	76.0	26.0 x 101.0	177.0	7.0



Always wear eye protection when near tools in use.

Set 66-962
3 Pc. Screw & Nut Starter Set

Approximate Weight, 0.02 lbs.

Product Number	Starter Type
66-924	5 for Slotted Screws
66-933	5 for Phillips Screws
66-943	5 for Nuts

Vinyl Roll
29-472



Screw and Nut Starters

Choose from either slotted or Phillips head screw starters. Blade and bit grip screw head with 15 pound pull. They release automatically and reset as screw is tightened. Magnet on handle makes this tool a handy retriever when screws fall into inaccessible places. Can be used on wide range of screw sizes.

Screw Starters, Slotted Screws

Product Number	Length, Inches	Weight, lbs.
66-921	2.500	0.02
66-924	5.000	0.04
66-927	9.000	0.06

Fed'l Spec. GGG-S-121e



Screw Starters, Phillips Screws

Product Number	Length, Inches	Weight, lbs.
66-933	5.000	0.05
66-936	9.000	0.08



Nut Starter, Hex Nuts

Product Number	Length, Inches	Weight, lbs.
66-943	5.000	0.05





Set 66-580
Ratcheting Screwdriver Handle with 6 Bits Set

Ratcheting Screwdriver has storage in handle for six bits. Includes two slotted 5-6, 10-12, two Phillips #1, #2, and two Torx T-10, T-15 bits. Approximate Weight, 1.20 lbs.



Offset, Ratcheting

Product Number	Tip Width, Inches	Tip Size	Shank Length, Inches	Weight, lbs.
66-598	0.250	#2	3.750	0.32



Offset, Standard Tip

Product Number	Tip Width, Inches	Shank Length, Inches	Weight, lbs.
66-601	0.156	3.000	0.06
66-603	0.250	4.000	0.08
66-605	0.313	5.000	0.12
66-607	0.375	6.000	0.20



Offset, Phillips Tip

Product Number	Phillips Numbers	Shank Length, Inches	Weight, lbs.
66-609	1 & 2	4.500	0.10
66-613	3 & 4	6.500	0.16

SAFETY NOTICE

NEVER USE SCREWDRIVERS AS PRY BARS, OR FOR PUNCHING OR CHISELING. BE SURE TO MATCH TIP SIZE OF SCREW SLOT. NEVER USE SCREWDRIVERS WITH CHIPPED OR ROUNDED TIPS. NEVER SUBSTITUTE A STANDARD PHILLIPS SCREWDRIVER WHEN DRIVING POSIDRIV® SCREWS.

Always wear eye protection when near tools in use.

Locking Pliers
Slip Joint Pliers
Electrician's Pliers
Specialty Pliers
Retaining Ring Pliers
Wire Twisting Pliers
Aviation Snips
Cutting Snips

STRENGTH
Aligned teeth provide superior gripping power over standard vertical teeth

STRENGTH
Diamond serrated jaws provide a firm grip



ACCESS
Tapered nose allows access to minimal clearance areas while maintaining gripping ability



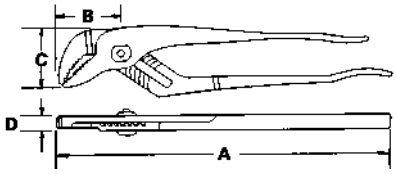
SPEED
Easy release pliers lock with one hand and release with the push of the handle



ACCESS
Wide adjusting screw for adjusting the jaw opening and locking pressure

ACCESS
Cushioned grip allows for increased comfort and reduces fatigue



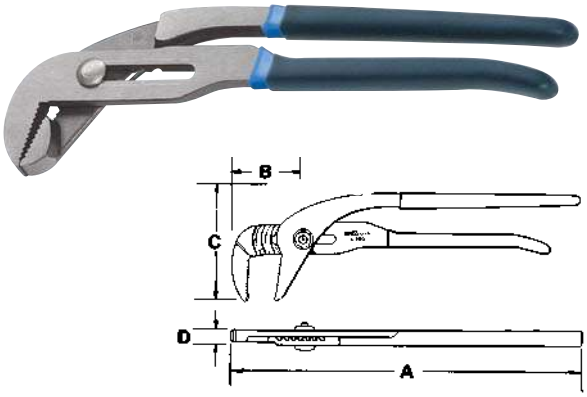


Tongue & Groove Pliers

Precision milled undercut rib joint provides positive interlock between the two halves, eliminating separation. Angled teeth provide superior gripping power over standard teeth. Specially designed fastener ensures permanent assembly and smooth operation.

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-717**	5.000	1.000	0.750	0.188	0.13
67-777**	7.000	1.625	1.250	0.375	0.48
67-779**	10.000	1.500	1.594	0.328	0.91
67-781†	12.000	1.938	2.500	0.517	1.49
67-783†	16.000	4.500	2.313	0.594	2.61
67-785	20.000	4.750	3.750	0.625	3.80

**ASME B107.23m †Fed'l Spec. GGG-P-471e



Pipewrench Tongue & Groove Pliers

Pipe wrench design with 90° offset head provides up to 20% more leverage.

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-789	10.000	1.688	1.313	0.422	0.92
67-791	12.750	2.344	1.703	0.516	1.61



Midget Angle Nose Ignition Pliers

Product Number	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Weight, lbs.
67-830	5.250	0.700	0.875	0.175	0.10



Battery Pliers

Jaws forged at 30° angle to grips, making nuts on battery terminal clamps easily accessible.

Product Number	Overall Length	Weight, lbs.
67-831	7.500	0.42

ASME B107.23m

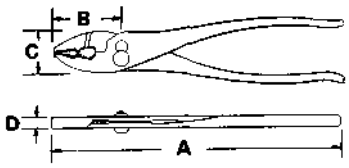
Always wear eye protection when near tools in use.

Slip Joint Pliers

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-667	6.500	1.913	1.313	0.390	0.42
67-669	8.000	2.125	1.406	0.390	0.53
67-671	10.000	2.125	1.406	0.484	0.87

ASME B107.23m





Slip Joint Pliers, Plain Handle

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight. lbs.
67-657	6.500	1.813	1.313	0.390	0.41
67-659	8.000	2.125	1.406	0.390	0.85
67-661	10.000	2.125	1.406	0.484	0.85



Slip Joint Pliers, Thin Nose

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-687	6.500	1.813	1.313	0.215	0.40

ASME B107.23m



Hose Clamp Pliers

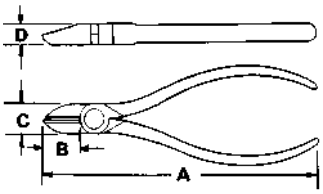
Natural Finish.

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-699	8.000	2.063	1.406	0.390	0.53

ASME B107.23m







Long Reach High Leverage Diagonal Pliers

Extra long handle provides high leverage cutting capabilities with less effort. Extra wide handle provides more comfort and reduces hand fatigue. 30˚ angled head provides access to hard to reach areas.

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-101	11.125	1.000	1.156	0.468	0.94



Diagonal Pliers, Angled Head, Heavy Duty

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-123	8.000	0.875	1.125	0.500	0.57

ASME B107.11m



Diagonal Pliers, Heavy Duty

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-109	7.125	0.750	1.125	0.438	0.43
67-113	8.000	0.875	1.125	0.500	0.56

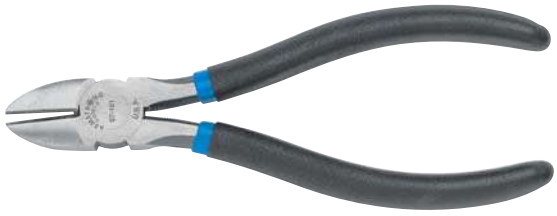
ASME B107.11m



Long Reach Diagonal Pliers

Gripping tips provide cutting and gripping capabilities in one pliers.

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-103	11.125	0.843	0.984	0.390	0.74



Diagonal Pliers

Precision machined cutting edges meet at the tip, providing improved cutting performance. Induction hardened cutting edge ensures maximum durability and long life.

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-184	4.500	0.500	0.333	0.250	0.10
67-155	4.250	0.563	0.438	0.250	0.15
67-159	5.125	0.750	0.688	0.375	0.24
67-161	6.375	0.875	0.750	0.375	0.33
67-163	7.438	1.000	0.875	0.438	0.58

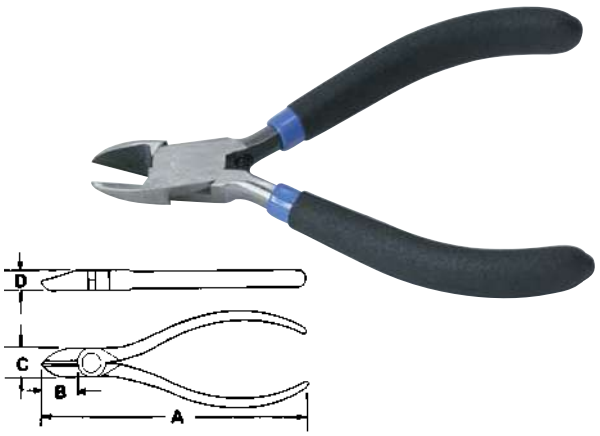
ASME B107.11m

Always wear eye protection when near tools in use.

Diagonal Pliers with Spring

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-183	4.468	0.563	0.438	0.250	0.13
67-173	5.125	0.750	0.688	0.375	0.25
67-175	6.313	0.875	0.750	0.438	0.35

ASME B107.11m



Diagonal Pliers, Plastic Cutting with Spring

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-195	6.375	0.875	0.750	0.375	0.39
67-197	7.438	1.125	0.888	0.438	0.63



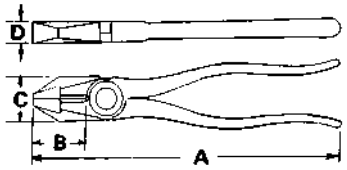
Lineman's Pliers

Precision machined cutting edges meet at the hinge, providing improved cutting performance. Induction hardened cutting edge ensures maximum durability and long life. Diamond serrated jaws provides a firm grip.

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-063	6.438	1.000	0.938	0.438	0.49
67-065	7.375	1.250	1.000	0.500	0.68
67-067	8.375	1.313	1.000	0.563	1.01
67-069	9.500	1.500	1.250	0.563	1.15

ASME B107.20m





Ironworkers Plier

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-071	9.500	1.500	1.300	0.600	0.98

ASME B107.20m

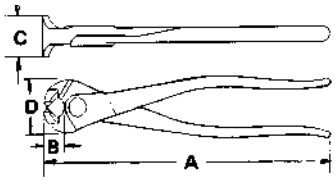


End Cutting Plier

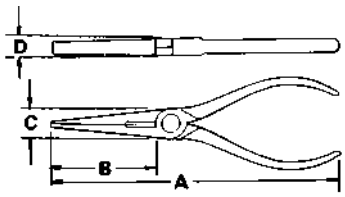
Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-535	7.500	0.375	1.625	0.500	0.73

ASME B107.11m







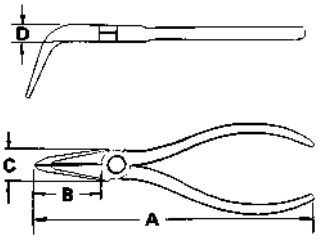


Long Reach Chain Nose Pliers

Extra long handle allows greater access to confined, restricted areas and provides more holding power at the tip with less effort.

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-240	11.563	2.813	0.718	0.406	0.63



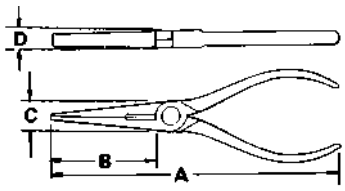


Long Reach Bent Chain Nose Pliers

Extra long handle allows greater access to confined, restricted areas and provides more holding power at the tip with less effort. Bent nose design allows access around obstructions.

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-241	11.375	2.563	0.718	0.406	0.62





Chain Nose Pliers with Wire Cutter

Tapered nose with diamond serrated edges allows access to minimal clearance areas, providing gripping ability. Precision machined cutting edges meet at the hinge, providing improved cutting performance. Induction hardened cutting edge gives maximum durability and long life.

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-303	5.625	1.500	0.688	0.375	0.18
67-305	6.375	2.000	0.688	0.375	0.31
67-307	7.750	2.250	0.813	0.438	0.39

ASME B107.13m



Chain Nose Pliers

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-253	4.750	1.063	0.438	0.375	0.11
67-255	5.313	1.630	0.750	0.375	0.23
67-257	6.313	2.000	0.688	0.375	0.32
67-259	7.875	2.250	0.813	0.435	0.37

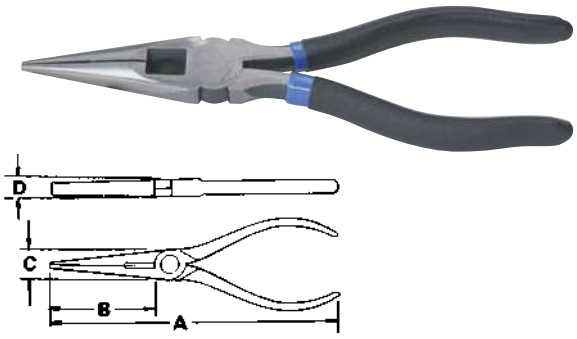
ASME B107.13m

Always wear eye protection when near tools in use.

Chain Nose Pliers with Wire Stripper

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-331	7.813	2.310	0.813	0.438	0.83

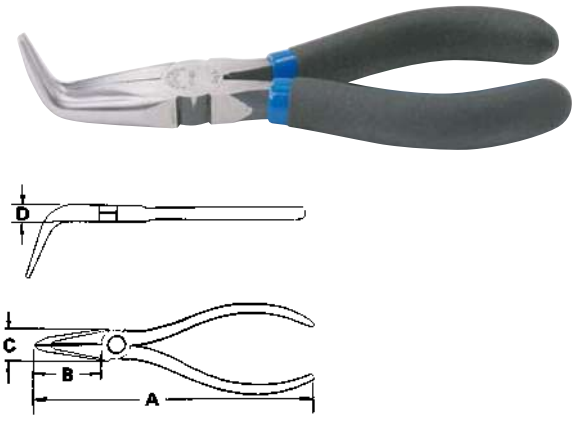
ASME B107.13m



Chain Nose Pliers, Bent

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-401	5.875	1.313	0.688	0.375	0.26

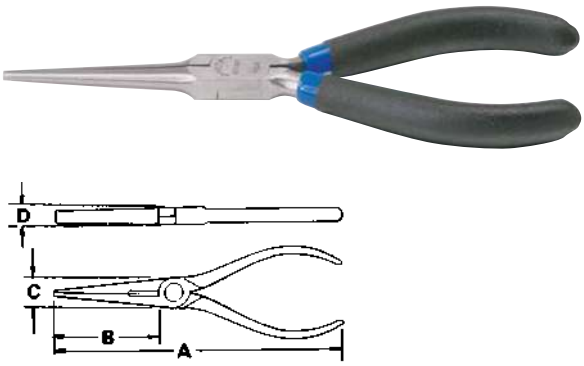
ASME B107.13m



Needle Nose Pliers, Long Thin

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-357	5.875	2.063	0.438	0.250	0.25
67-367	6.875	2.250	0.688	0.375	0.29

ASME B107.13m



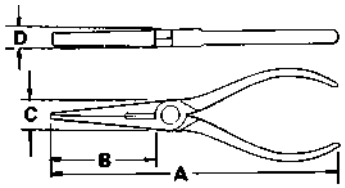
Needle Nose Pliers, Long Thin with Spring

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-369	6.875	2.250	0.688	0.375	0.30

ASME B107.13m







Needle Nose Plier, Long Extra Thin

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-370	6.250	2.000	0.563	0.313	0.21



Chain Nose Pliers, Long

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-323	8.000	1.250	0.625	0.438	0.35

ASME B107.13m



Flat Nose Pliers

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-441	6.500	2.063	1.625	0.500	0.31



Duckbill Pliers

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-503	8.000	1.375	0.500	0.375	0.43

ASME B107.13m

Always wear eye protection when near tools in use.

Set 67-404
3 Pc. Quick Release Locking Pliers Set

Approximate Weight, 2.80 lbs.

Product Number	Description
67-436	6" Locking Pliers, Long Nose
67-405	5" Locking Pliers, Curved Jaw
67-460	10" Locking Pliers, Straight Jaw
Tool Roll	



Curved Jaw Quick Release Locking Pliers

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-405	5.731	1.718	1.651	0.338	0.430
67-407	7.446	2.184	2.436	0.630	0.950
67-410	9.131	2.425	2.694	0.644	1.340



Straight Jaw Quick Release Locking Pliers

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-457	7.446	2.184	2.436	0.630	0.950
67-460	9.131	2.425	2.694	0.644	1.340



Long Nose Quick Release Locking Pliers

Product Number	A Overall Length	B Jaw Length	C Jaw Width	D Jaw Thickness	Weight, lbs.
67-436	6.873	2.824	1.668	0.183	0.510

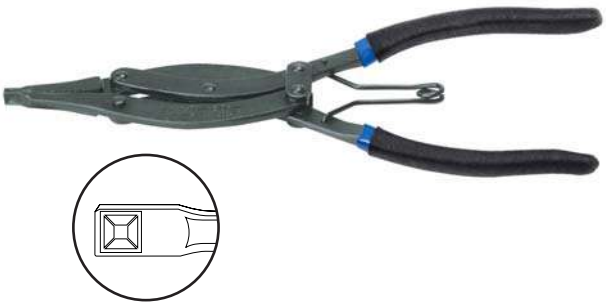




Lock Ring Pliers, Standard Design

Right angle jaw tips are knurled on outside surface to hold rings securely. Tension spring closes jaws. 1-1/2" maximum jaw opening.

Product Number	Overall Length	Weight, lbs.
67-555	9.000	0.53



Lock Ring Pliers, Parallel Jaws, Compound Leverage

Right angle jaw tips are knurled on outside surface to hold rings securely. Tension spring closes jaws. 1" maximum jaw opening.

Product Number	Overall Length	Weight, lbs.
67-565	10.000	0.59

Fed'l Spec. GGG-P-471e



Cable Cutters

For use with copper or aluminum cable up to 2/0 gauge. Jamb nut on joint helps maintain even pressure on inside surface of blades. Ground blades cut easily and cleanly. Cushion grips for comfort. Not for use on steel.

Product Number	Overall Length	Weight, lbs.
67-850	7.500	0.58



Electrical Connector Pliers

For removal and installion of electrical connectors. Soft, non-maring pliers have tonque and groove design.

Product Number	Overall Length	Weight, lbs.
67-852	10.000	1.00

CAUTION:

Plastic "cushion" grips are intended for comfort and do not protect from electric shock. Use only those pliers with insulated handles when working near "hot" wires.

Do not attempt to cut hardened wire. Always cut at right angles; do not "rock" tool from side to side.

Wire and other fabricated metal products may snap or "spring" when being cut.

Always wear eye protection when near tools in use.

Wire Stripper/Cutter, with Lock & Spring Return

Precision-ground stripping stations. Scissors-action cutter.

Product Number	Length, Inches	Strips Wire Sizes, No.	Weight, lbs.
67-889	6.125	10, 12, 14, 16, 18, 20	0.37



Wire Stripper/Cutter, with Spring Return

Precision-ground stripping stations. Scissors-action cutter.

Product Number	Length, Inches	Strips Wire Sizes, No.	Weight, lbs.
67-891	6.125	22, 24, 26, 28, 30	0.38



Wire Strippers, with Spring Return

Track adjustment for setting strip size. Slide lock.

Product Number	Length, Inches	Strips Wire Sizes, No.	Weight, lbs.
67-895	5.250	10, 12, 14, 16, 18, 20	0.21



Electrician's Stripper/Cutter/Crimper Pliers

Serrated pliers for pulling any looping wire. Precision-ground stripping stations. Longer, curved cutter required less force, handles heavier wire.

Product Number	Length, Inches	Strips Wire Sizes, No.	Crimps Wire Sizes, No.	Cuts Bolt Sizes	Weight lbs.
67-901	8.250	10, 12, 14, 16, 18, 20, 22	Auto 7 & 8 mm, 22-18, 16-10	4-40, 5-40, 6-32, 8-32,10-32, 10-24	0.44





Electrician's Stripper/Cutter/Crimper Pliers

Insulated and non-insulated crimp stations. Curved cutter reduces force required to cut.

Product Number	Length, Inches	Strips Wire Sizes, No.	Crimps Wire Sizes, No.	Cuts Bolt Sizes	Weight, lbs.
67-905	8.625	10, 12, 14,16, 18, 20, 22	Auto 7 & 8 mm, 22-14, 12-10	4-40, 6-32, 8-32, 10-32, 10-24	0.48



Electrician's Stripper/Cutter/Crimper Pliers

Insulated and non-insulated crimp stations including weatherpack terminals. Anvil-type cutter.

Product Number	Length, Inches	Strips Wire Sizes, No.	Crimps Wire Sizes, No.	Cuts Bolt Sizes	Weight, lbs.
67-908	9.500	10, 12, 14, 16, 18	Auto 7 & 8 mm, 18, 16, 14, 12,10	none	0.62



Ergo Super Stripper Cutter

Long, curved cutter requires less force to cut. Lock protects cutting and stripping stations. Precision-ground stripping stations.

Product Number	Length, Inches	Strips Wire Sizes, No.	Cuts Bolt Sizes	Weight, lbs.
67-910	7.250	10-18 AWG solid wire 12-20 AWG stranded wire	6-32 8-32	0.31



Romex Strippers

"Staggered" cutting blade produces clean, sure cut with 30-50% less effort. Precision-ground stripping stations. Serrated pliers nose.

Product Number	Length, Inches	Strips Wire Sizes, No.	Cuts Bolt Sizes	Weight, lbs.
67-911	7.750	10-2 AWG	6-32, 8-32	0.40
67-912	7.750	12-2, 14-2 type NM-B Cable	6-32, 8-32	0.40

Always wear eye protection when near tools in use.

Retaining Ring Pliers Selection Guide

Note: Always select the largest diameter tip that will fit the retaining ring. To obtain correct pliers or retaining ring number, measure diameter of shaft (external) or bore (internal) where ring is to be installed or removed, and refer to table below. Retaining ring dash numbers are expressed in hundredths of an inch. Example: 5101-75 identifies Truarc's external ring series 5101 for a shaft approximately 0.750" (3/4") O.D.

Retaining Ring Manufacturers Cross Reference

Tip Dia., In	Tip Angle	Product			EXTERNAL For Retaining Rings by following manutacturers					INTERNAL For Retaining Rings by following manutacturers				
		External	Internal	Int./Ext. Convertible	Shaft Dia., Inches	Anderton United	Industro	Truarc	Dash Number	Bore Dia., Inches	Anderton United	Industro	Truarc	Dash Number
.025	0°	67-917	67-965	—	3/16 to 15/64	1400 1401 1402	3100 3101	5100 5101 5102	-18 thru -23	1/4 to 5/16	N1300 N1301 N1302	3000X 3001X	N5000 N5001 N5002	-25 thru -31
	45°	—	—	—										
	90°	—	—	—						5/8	1308	4000	5008	-62
.038	0°	67-923	67-971	68-025	1/4 to 21/32	1400 1401 1402	3100 3101	5100 5101 5102	-25 thru -66	3/8 to 9/16	N1300 N1301	3000X 3001X	N5000 N5001	-37 thru -56
	45°	—	67-973	68-026										
	90°	67-927	—	68-027	1/2 to 1	1408	4100	5108	-50 thru -100	1 to 1.02	N1302		N5002	-100 thru -102
					1/8 to 5/32	1440		5555	-12 thru -15	3/4 to 1	1308	4000	5008	-75 thru -100
.047	0°	—	—	68-028	11/16 to 7/8	1400 1401	3100 3101	5100 5101	-68 thru -87	5/8 to 1.02	N1300 N1301	3000X 3001X	N5000 N5001	-62 thru -102
	45°	—	—	68-029	13/16 to 1	1408	4100	5108	-81 thru -100	1 to 1.02	N1302		N5002	-100 thru -102
	90°	—	—	68-030	3/16 to 1/4	1440		5555	-18 thru -25	1-1/16 to 1-3/8	1308	4000	5008	-106 thru -137
.070	0°	67-929	67-977	68-031	15/16 to 1-7/16	1400 1401	3100 3101	5100 5101	-93 thru -143	1-1/16 to 1-3/4	N1300 N1301 N1302	3000X 3001X	N5000 N5001 N5002	-106 thru -175
	45°	—	—	68-032	1 to 1-7/16	1402		5102	-100 thru -143					
	90°	—	—	68-033	1-1/16 to 2	1408	4100	5108	-106 thru -200	1-7/16 to 2	1308	4000	5008	-143 thru -200
					5/16 to 5/8	1440		5555	-31 thru -62					
.090	0°	—	67-983	68-034	1-1/2 to 3-1/2	1401 1402	3100	5100 5102	-150 thru -350	1-3/16 to 3	N1300 N1302	3000X 3001X	N5000 N5002	-181 thru -300
	45°	—	—	68-035	1-1/2 to 1-3/4	1401	3101	5101	-150 thru -175	2-1/16 to 3	1308	4000	5008	-206 thru -300
	90°	—	—	68-036	2-5/32 to 3-11/32	1408	4101	5108	-215 thru -334					
.115	0°	67-935	—	—	1-1/2 to 3-1/2	1400 1401 1402	3100 3101	5100 5101 5102	-150 thru -350					
	45°	—	—	—										
	90°	—	—	—	2-1/8 to 3-11/32	1408	4100	5108	-215 thru -334					

Retaining Ring Pliers, External

For use with external retaining rings only.

Product Number	Description
67-917	.025 Tip, External, Straight
67-923	.038 Tip, External, Straight
67-927	.038 Tip, External, 90°
67-929	.070 Tip, External, Straight
67-935	.115 Tip, External, Straight

ASME B107.19 Fed'l Spec. GGG-P-480e



Retaining Ring Pliers, Internal

For use with internal retaining rings only.

Product Number	Description
67-965	.025 Tip, Internal, Straight
67-971	.038 Tip, Internal, Straight
67-973	.038 Tip, Internal, 45°
67-977	.070 Tip, Internal, Straight
67-983	.090 Tip, Internal, Straight

ASME B107.19 Fed'l Spec. GGG-P-480e





Set 68-015
6 Pc. Qtr-Turn™ Convertible Retaining Ring Pliers Set

For use with either external or internal retaining rings. For fast and easy conversion, make a 1/4 turn to release halves, then position into alternate slot - another 1/4 turn and it's back together. No threads to align or tighten. For 1/4" - 2" rings. Furnished in blow-molded plastic case.

Approximate Weight, 2.50 lbs.

Product Number	Description
68-001	.038 Tip, 1/4 Convertible, Straight
68-003	.038 Tip, 1/4 Convertible, 90°
68-004	.047 Tip, 1/4 Convertible, Straight
68-006	.047 Tip, 1/4 Convertible, 90°
68-007	.070 Tip, 1/4 Convertible, Straight
68-009	.070 Tip, 1/4 Convertible, 90°



Set 68-016
12 Pc. Qtr-Turn™ Convertible Retaining Ring Pliers Set

For use with either external or internal retaining rings. For fast and easy conversion, make a 1/4 turn to release halves, then position into alternate slot - another 1/4 turn and it's back together. No threads to align or tighten. For 1/4" - 3-1/2" rings. Furnished in blow-molded plastic case.

Approximate Weight, 5.00 lbs.

Product Number	Description
68-001	.038 Tip, 1/4 Convertible, Straight
68-002	.038 Tip, 1/4 Convertible, 45°
68-003	.038 Tip, 1/4 Convertible, 90°
68-004	.047 Tip, 1/4 Convertible, Straight
68-005	.047 Tip, 1/4 Convertible, 45°
68-006	.047 Tip, 1/4 Convertible, 90°
68-007	.070 Tip, 1/4 Convertible, Straight
68-008	.070 Tip, 1/4 Convertible, 45°
68-009	.070 Tip, 1/4 Convertible, 90
68-010	.090 Tip, 1/4 Convertible, Straight
68-011	.090 Tip, 1/4 Convertible, 45°
68-012	.090 Tip, 1/4 Convertible, 90°

Always wear eye protection when near tools in use.

Retaining Ring Pliers, Internal/External Qtr-Turn™ Convertible

For use with either external or internal retaining rings. For fast and easy conversion, make a 1/4 turn to release halves, then position into alternate slot - another 1/4 turn and it's back together. No threads to align or tighten. For 1/4" - 3-1/2" rings.



Product Number	Description	Weight, lbs.
68-001	.038 Tip, 1/4 Convertible, Straight	0.19
68-002	.038 Tip, 1/4 Convertible, 45°	0.19
68-003	.038 Tip, 1/4 Convertible, 90°	0.19
68-004	.047 Tip, 1/4 Convertible, Straight	0.19
68-005	.047 Tip, 1/4 Convertible, 45°	0.19
68-006	.047 Tip, 1/4 Convertible, 90°	0.19
68-007	.070 Tip, 1/4 Convertible, Straight	0.31
68-008	.070 Tip, 1/4 Convertible, 45°	0.31
68-009	.070 Tip, 1/4 Convertible, 90	0.31
68-010	.090 Tip, 1/4 Convertible, Straight	0.56
68-011	.090 Tip, 1/4 Convertible, 45°	0.56
68-012	.090 Tip, 1/4 Convertible, 90°	0.56

Set 68-056
6 Pc. Cam-Lock™ Convertible Retaining Ring Plier Set

For 1/4" - 2" internal and external rings. Patented design allows for quick change-over from internal to external. Furnished in blow-molded plastic case.

Approximate Weight, 2.50 lbs.





Product Number	Description
68-045	.038 Tip, Cam-Lock Convertible, 18°
68-046	.038 Tip, Cam-Lock Convertible, 90°
68-047	.047 Tip, Cam-Lock Convertible, 18°
68-048	.047 Tip, Cam-Lock Convertible, 90°
68-049	.070 Tip, Cam-Lock Convertible, 18°
68-050	.070 Tip, Cam-Lock Convertible, 90°



Retaining Ring Pliers, Internal/External Cam-Lock™ Convertible

For use with either external or internal retaining rings. For fast and easy conversion, compress handles slightly, depress shift button, and turn knob. For 1/4" - 2" internal and external rings. Patented design allows for quick change-over from internal to external.

Product Number	Description	Weight, lbs.
68-045	.038 Tip, Cam-Lock Convertible, 18°	0.19
68-046	.038 Tip, Cam-Lock Convertible, 90°	0.19
68-047	.047 Tip, Cam-Lock Convertible, 18°	0.19
68-048	.047 Tip, Cam-Lock Convertible, 90°	0.19
68-049	.070 Tip, Cam-Lock Convertible, 18°	0.31
68-050	.070 Tip, Cam-Lock Convertible, 90°	0.31



Set 68-065 Light Duty Retaining Ring Pliers Set

Precision-ground replaceable tips. Spring return.
Contents: Two replaceable tip Retaining Ring Pliers-one external (for shaft diameters 3/8" - 2"), one internal (for bore diameters 3/8" - 2"). Includes 68-067 replaceable tip set. Comes complete in plastic box (pliers not sold separately).
Approximate Weight, 0.73 lbs.

Replacement Tip Set 68-067

Precision-ground replaceable tips. Designed to be used with 68-065 replaceable tip Retaining Ring Pliers Set.
Contents: 8 pairs of color coded interchangeable replaceable tips.
Approximate Weight, 0.04 lbs.

2 pairs, straight, .047 dia., Silver	2 pairs, 45° angle, .047 dia., Silver
2 pairs, straight, .070 dia., Gold	2 pairs, 90° angle, .038 dia., Black

ASME B107.19 Fed'l Spec. GGG-P-480e

Always wear eye protection when near tools in use.

Set 68-079
6 Pc. Internal/External Convertible Pliers Set

3 Pliers and 3 Replacement Tip Sets in blow-molded plastic case.
Approximate Weight, 3.48 lbs.
Includes:

Plier Number	For Shaft & Bore Dia., In.
68-069	1/8 to 1
68-070	1/4 to 2
68-071	1-1/2 to 4

Tip Set Number	For Shaft & Bore Dia., In.
68-074	1/8 to 1
68-075	1/4 to 2
68-076	1-1/2 to 4

ASME B107.19 Fed'l Spec. GGG-P-480e
*New style available second quarter 2005



Retaining Ring Pliers, Internal/External Convertible

Easily convertible for both internal and external applications. Spring-loaded handles speed operation, and ratchet mechanism on largest size helps control large retaining rings. Replaceable tips are locked into place with set screw. Hex Key is included.

Product Number	Includes Tips, Dia./Angle	For Shafts & Bores, Dia.	Weight, lbs.
68-069	.024/0°, .038/0°, .038/90°, .047/0°, .047/90°	1/8 to 1	0.38
68-070	.038/0°, .038/90°, .047/0°, .047/90°, .070/0°	1/4 to 2	0.59
68-071	.090/15°, .108/15°, .120/15°, .090/90°, .108/90°, .120/90°	1-1/2 to 4	1.25

*New style available second quarter 2005



Replacement Tip Sets

For use with Internal/External Convertible Pliers. Each tip set is furnished in plastic pouch, and includes hex key.

Product Number	Includes Tips, Dia./Angle	Replacement Tips for Plier Number	Weight, lbs.
68-074	.024/0°, .038/0°, .038/90°, .047/0°, .047/90°	68-069	0.03
68-075	.038/0°, .038/90°, .047/0°, .047/90°, .070/0°	68-070	0.04
68-076	.090/15°, .090/90°, .108/15°, .108/90°, .120/15°, .120/90°	68-071	0.06

ASME B107.19 Fed'l Spec. GGG-P-480e





Set 68-080
Heavy Duty Retaining Ring Pliers Set

Two replaceable tip Retaining Ring Pliers with spring ratchet lock assembly—one external (for shaft diameters 1-1/2" through 3-3/4"), and one internal (for bore diameters 2-7/16" through 4"). Includes 8 pairs of interchangeable tips, and blow-molded plastic case. Approximate Weight, 2.47 lbs.

Interchangeable Tips:	Interchangeable Tips:
1 pair, straight, .108" dia., Black	1 pair, straight, .120" dia., Silver
1 pair, 15° angle, .108" dia., Black	1 pair, 15° angle, .120" dia., Silver
1 pair, 45° angle, .108" dia., Black	1 pair, 45° angle, .120" dia., Silver
1 pair, 90° angle, .108" dia., Black	1 pair, 90° angle, .120" dia., Silver

ASME B107.19 Fed'l Spec. GGG-P-480e

Replacement Tip Set 68-082

For use with Heavy Duty Retaining Ring Pliers Set 68-080
Approximate Weight, 0.07 lbs.

1 pair, straight, .108" dia., Black	1 pair, 45° angle, .108" dia., Black
1 pair, 15° angle, .108" dia., Black	1 pair, 90° angle, .108" dia., Black

Replacement Tip Set 68-083

For use with Heavy Duty Retaining Ring Pliers Set 68-080
Approximate Weight, 0.07 lbs.

1 pair, straight, .120" dia., Silver	1 pair, 45° angle, .120" dia., Silver
1 pair, 15° angle, .120" dia., Silver	1 pair, 90° angle, .120" dia., Silver



Super Heavy Duty Retaining Ring Pliers

Extra large retaining rings require a great deal of force to expand or compress during installation or removal. In addition to providing the leverage necessary to handle big retaining rings, they feature a spring-loaded ratchet mechanism which allows ring to be compressed or expanded in gradual "moves". Tool then locks at desired size, requiring no hard pressure on handle to maintain control of ring. Tools are furnished with straight tips. Angled tips are also available. See Replacement Tip Sets.

Product Number	Description
68-090	.120 Tip, Internal, 16" Long
68-095	.120 Tip, External, 16" Long

ASME B107.19 Fed'l Spec. GGG-P-480e

Replacement Tip Set 68-092

For use with Super Heavy Duty Retaining Ring Pliers 68-090
Approximate Weight, 0.06 lbs.

1 pair, straight, .120" dia., Black	1 pair, 90° angle, .120" dia., Black
1 pair, 45° angle, .120" dia., Black	

Replacement Tip Set 68-097

For use with Super Heavy Duty Retaining Ring Pliers 68-095
Approximate Weight, 0.06 lbs.

1 pair, straight, .120" dia., Black	1 pair, 45° angle, .120" dia., Black
1 pair, 90° angle, .120" dia., Black	

Always wear eye protection when near tools in use.

Set 68-199
6 Pc. Wiretwister Pliers Set



3 Wiretwister Pliers and 3 spools of stainless steel safety wire in sizes: 0.020", 0.032" and 0.041". In fitted, blow-molded plastic case.

Approximate Weight, 3.32 lbs.

Pliers Sizes

6" Diagonal Nose	19" Deep Reech
9" Auto Right Hand	

Wiretwister Pliers are essential tools for safety-wiring fasteners in engines, gearboxes or any assembly where fasteners cannot be permitted to "back out", and/or when it is critical that precise torque is maintained. Cutting knives are specially heat treated to ease cutting of stainless steel wire, and diamond-pattern serrations on jaws grip wire securely.

Wiretwister, Manual, Diagonal Nose, RH Twist



Product Number	For Wire Size, Inches	Length, Inches	Total Length, Inches	Weight, lbs.
68-163	0.020 to 0.041	6.000	8.375	0.59

ASME B107.18m Fed'l Spec. GGG-W-340b

Wiretwister, Manual, Diagonal Nose, RH Twist



Product Number	For Wire Size, Inches	Length, Inches	Total Length, Inches	Weight, lbs.
68-171	0.020 to 0.060	9.000	10.500	0.85

ASME B107.18m Fed'l Spec. GGG-W-340b

Wiretwister, Automatic, Diagonal Nose, RH Twist



Product Number	For Wire Size, Inches	Length, Inches	Total Length, Inches	Weight, lbs.
68-175	0.020 to 0.060	9.000	10.500	0.85

ASME B107.18m Fed'l Spec. GGG-W-340b

Wiretwister, Automatic, Diagonal Nose, RH Twist



Product Number	For Wire Size, Inches	Length, Inches	Total Length, Inches	Weight, lbs.
68-178	0.020 to 0.060	12.000	12.000	1.20

ASME B107.18m Fed'l Spec. GGG-W-340b

Wiretwister, Deep Reach



Product Number	For Wire Size, Inches	Length, Inches	Weight, lbs.
68-191	0.020 to 0.041	19.000	0.43



Wiretwister, Diagonal Nose, Reversible Twist

Product Number	Description	Wire Capacity (In. dia.)	Weight, lbs.
68-177	6" Reversible Wire Twister Pliers	0.041	0.50
68-179	9" Reversible Wire Twister Pliers	0.060	0.88



Miniature Snips, Cushion Grips

These light duty snips can cut sheet metal or wire up to 0.025" thick. Spring keeps handles open during use, but they can be locked closed to protect cutting edges during storage.

Product Number	Length of Cut, Inches	Length, Inches	Weight, lbs.
68-241	1.250	6.500	0.29



Aviation Snips, Color Coded Vinyl Grips

Compound leverage design makes for easy cutting in a wide range of materials from very light stainless to heavy 18 gauge steel. Jaws are drop forged steel, carefully heat treated; cutting edges are serrated. Spring-activated latch unlocks jaws automatically when handles are pressed together. Latch cannot close accidentally.

Product Number	Cuts	Grip Color	Length of Cut, Inches	Length, Inches	Weight, lbs.
68-251	Left	Red	1.375	10.000	1.08
68-253	Right	Green	1.375	10.000	1.08
68-255	Straight	Yellow	1.375	10.000	1.08

ASME B107.16 Fed'l Spec. GGG-S-291f



Offset Aviation Snips, Color Coded Vinyl Grips

All of the features of our straight pattern Aviation Snips, plus the considerable advantage of jaws offset below the grips. The offset design makes cutting sheet metal easier and more comfortable, and provides greater safety as hand stays above the work and well away from any sharp or jagged edges.

Product Number	Cuts	Grip Color	Length of Cut, Inches	Length, Inches	Weight, lbs.
68-261	Left & Straight	Red	1.250	10.000	1.22
68-263	Right & Straight	Green	1.250	10.000	1.22

ASME B107.16 Fed'l Spec. GGG-S-291f



Straight Cutting Snips, Cushion Grips

Designed for cutting in straight lines only, including inside and outside corners.

Product Number	Length of Cut, Inches	Length, Inches	Weight, lbs.
68-271	2.000	7.000	0.39
68-273	2.250	10.000	0.82
68-275	3.000	12.750	1.45
68-278	2.500	16.500	3.63

ASME B107.16 Fed'l Spec. GGG-S-291f

Always wear eye protection when near tools in use.

Punches and Chisels
Hammers
Pry Bars

SAFETY
Soft brass head is non-sparking and non-marring

SPEED
Ideal for driving bushings and gears

SAFETY & STRENGTH
Handle is securely wedged into hammer head



STRENGTH
Tip is manufactured with reverse taper, preventing the tool from binding in the workpiece

STRENGTH
Punches are of unequaled strength, toughness and durability

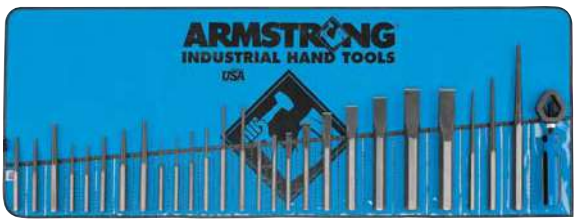


SAFETY
Strike all sizes of punches and chisels while protecting against hand injury

STRENGTH
Forged using domestically produced steel and components, insuring unequalled strength, toughness and durability

SAFETY
Tri-oval handle conforms to the hand, increasing comfort and reducing operator fatigue





Set 70-568
27 Pc. Punch and Chisel Set

Approximate Weight, 9.86 lbs.

Punches

Product Number	Point Diameter (in.)
70-103	3/32
70-105	1/8
70-107	5/32
70-109	3/16
70-131	1/4
70-155	3/32
70-157	1/8
70-161	3/16
70-165	1/4
70-193	3/16
70-197	1/4
70-129	7/32
70-163	7/32
70-189	1/8

Holder

Product Number
70-000

Center Punches

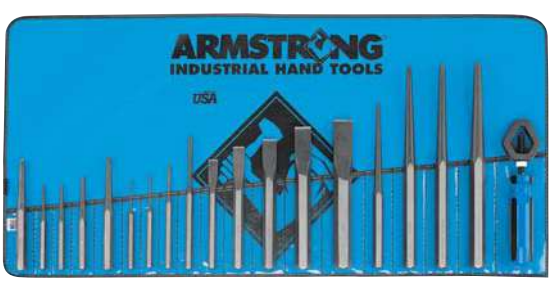
Product Number	Stock Size (in.)
70-235	3/8
70-239	1/2
70-255	3/8

Chisels

Product Number	Width of Cut (in.)
70-301	1/4
70-303	5/16
70-305	3/8
70-309	1/2
70-311	5/8
70-313	3/4
70-315	7/8
70-317	1
70-319	1-1/8

Vinyl Roll

29-403



Set 70-567
19 Pc. Punch and Chisel Set

Approximate Weight, 9.11 lbs.

Punches

Product Number	Point Diameter (in.)
70-103	3/32
70-105	1/8
70-109	3/16
70-131	1/4
70-155	3/32
70-157	1/8
70-161	3/16
70-165	1/4
70-193	3/16
70-197	1/4
70-199	5/16
70-201	3/8
70-239	1/2

Chisels

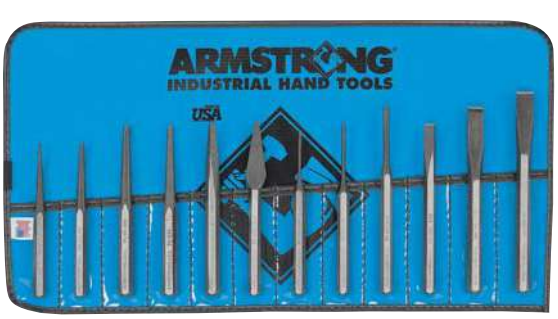
Product Number	Width of Cut (in.)
70-309	1/2
70-311	5/8
70-313	3/4
70-315	7/8
70-317	1

Holder

Product Number
70-000

Vinyl Roll

29-402



Set 70-565
12 Pc. Punch and Chisel Set

Approximate Weight, 1.64 lbs.

Punches

Product Number	Point Diameter (in.)
70-103	3/32
70-105	1/8
70-109	3/16
70-153	1/16
70-157	1/8
70-161	3/16
70-235	3/8

Chisels

Product Number	Width of Cut (in.)
70-303	5/16
70-307	7/16
70-309	1/2
70-393	7/32
70-421	3/16

Vinyl Roll

29-404

Always wear eye protection when near tools in use.

Set 70-560
5 Pc. Tool Steel Cold Chisel Set

Approximate Weight, 2.62 lbs.

Product Number	Width of Cut (in.)	Product Number	Width of Cut (in.)
70-325	3/8	70-333	3/4
70-329	1/2	70-335	7/8
70-331	5/8		

Vinyl Roll
29-407



Set 70-563
10 Pc. Cold Chisel Set

Approximate Weight, 5.55 lbs.

Product Number	Width of Cut (in.)	Product Number	Width of Cut (in.)
70-301	1/4	70-311	5/8
70-303	5/16	70-313	3/4
70-305	3/8	70-315	7/8
70-307	7/16	70-317	1
70-309	1/2	70-319	1-1/8

Vinyl Roll
29-405



Set 70-562
7 Pc. Cold Chisel Set

Approximate Weight, 2.80 lbs.

Product Number	Width of Cut (in.)	Product Number	Width of Cut (in.)
70-303	5/16	70-311	5/8
70-305	3/8	70-313	3/4
70-307	7/16	70-315	7/8
70-309	1/2		

Vinyl Roll
29-406



Set 70-564
5 Pc. Cold Chisel Set

Approximate Weight, 1.19 lbs.

Product Number	Width of Cut (in.)	Product Number	Width of Cut (in.)
70-303	5/16	70-309	1/2
70-305	3/8	70-311	5/8
70-307	7/16		

Vinyl Roll
29-407





Set 70-550
19 Pc. Punch Set

Approximate Weight, 5.28 lbs.

Punches

Product Number	Point Diameter (In.)
70-103	3/32
70-105	1/8
70-107	5/32
70-109	3/16
70-131	1/4
70-155	3/32
70-157	1/8
70-159	5/32
70-161	3/16
70-165	1/4
70-167	5/16
70-133	5/16
70-189	1/8
70-193	3/16
70-197	1/4

Center Punches

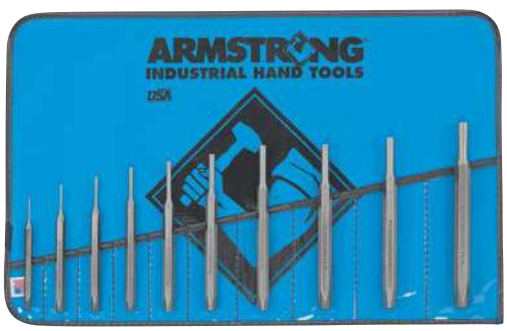
Product Number	Stock Size (In.)
70-235	3/8
70-239	1/2
70-255	3/8

Holder

Product Number
70-000

Vinyl Roll

29-401



Set 70-552
10 Pc. Tool Steel Pin Punch Set

Approximate Weight, 2.07 lbs.

Product Number	Point Diameter (In.)
70-110	1/16
70-112	3/32
70-114	1/8
70-116	5/32
70-118	3/16
70-120	7/32
70-122	1/4
70-124	9/32
70-126	5/16
70-128	3/8

Vinyl Roll

29-405



Set 70-553
7 Pc. Tool Steel Pin Punch Set

Approximate Weight, 1.12 lbs.

Product Number	Point Diameter (In.)
70-110	1/16
70-112	3/32
70-114	1/8
70-116	5/32
70-118	3/16
70-120	7/32
70-122	1/4

Vinyl Roll

29-406

Always wear eye protection when near tools in use.

Set 70-556
5 Pc. Tool Steel Long Pin Punch Set

Approximate Weight, 1.77 lbs.

Product Number	Point Diameter (in.)	Product Number	Point Diameter (in.)
70-042	5/32	70-045	1/4
70-043	3/16	70-047	5/16
70-044	7/32		

Vinyl Roll
29-407



Set 70-554
7 Pc. Pin Punch Set

Approximate Weight, 1.11 lbs.

Product Number	Point Diameter (in.)	Product Number	Point Diameter (in.)
70-101	1/16	70-109	3/16
70-103	3/32	70-129	7/32
70-105	1/8	70-131	1/4
70-107	5/32		

Vinyl Roll
29-406



Set 70-557
7 Pc. Roll Pin Punch Set

Approximate Weight, 0.66 lbs.

Product Number	Point Diameter (in.)	Product Number	Point Diameter (in.)
70-260	1/16	70-268	3/16
70-262	3/32	70-270	7/32
70-264	1/8	70-272	1/4
70-266	5/32		

Vinyl Roll
29-406



Set 70-559
5 Pc. Drift Punch Set

Approximate Weight, 2.73 lbs.

Product Number	Point Diameter (in.)	Product Number	Point Diameter (in.)
70-189	1/8	70-197	1/4
70-193	3/16	70-199	5/16
70-195	7/32		

Vinyl Roll
29-407





Punch and Chisel Holder

Holds punches and chisels up to 1-1/16" hex stock; SAFETY: Protects against hand injury. Tri-oval shaped handle conforms to the hand increasing comfort, reducing operator fatigue. SAFETY: Safety Warning is prominently visible. "V" shaped head effectively traps the punch or chisel securely reducing risk of injury.

Product Number	Length Contracted, Inches	Length Expanded, Inches	Weight, lbs.
70-000	7.500	8.750	0.72



Tool Steel Cold Chisels

Product Number	Width of Cut, Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-325	3/8	5/16	5.500	0.13
70-329	1/2	7/16	6.000	0.26
70-331	5/8	1/2	6.500	0.37
70-333	3/4	5/8	7.000	0.60
70-335	7/8	3/4	7.500	0.90
70-337	1	7/8	8.000	1.25

ASME B209.1 Fed'l Spec. GGG-C-313c



Cold Chisels

Product Number	Width of Cut, Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-301	1/4	1/4	4.750	0.08
70-303	5/16	5/16	5.000	0.12
70-305	3/8	5/16	5.250	0.13
70-307	7/16	3/8	5.500	0.16
70-309	1/2	3/8	6.000	0.19
70-311	5/8	1/2	6.500	0.33
70-313	3/4	5/8	7.000	0.60
70-315	7/8	3/4	7.500	0.91
70-317	1	7/8	8.000	1.33
70-319	1-1/8	7/8	8.000	1.39



Extra Long Cold Chisels

Product Number	Width of Cut, Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-347	5/8	1/2	12.000	0.68
70-353	3/4	5/8	12.000	1.05
70-357	3/4	5/8	18.000	1.42
70-361	7/8	3/4	12.000	1.54
70-367	1	7/8	12.000	2.08
70-369	1	7/8	18.000	3.01

Always wear eye protection when near tools in use.

Rivet Buster

Product Number	Stock Size, Inches	Length, Inches	Weight, lbs.
70-481	5/8	12.000	1.08



Cape Chisels

Product Number	Width of Cut, Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-391	3/16	1/4	5.000	0.10
70-393	7/32	5/16	5.000	0.10
70-395	1/4	3/8	5.000	0.13
70-397	5/16	3/8	5.750	0.19
70-399	3/8	1/2	6.000	0.27



Round Nose Chisels

Product Number	Width of Cut, Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-447	3/16	1/4	5.000	0.09
70-449	1/4	3/8	6.000	0.18
70-451	5/16	3/8	6.000	0.31
70-453	3/8	1/2	6.500	0.37



Diamond Point Chisels

Product Number	Width of Cut, Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-419	5/32	5/16	5.000	0.06
70-421	3/16	3/8	5.000	0.15
70-423	1/4	3/8	6.000	0.18
70-425	5/16	1/2	6.000	0.40
70-427	3/8	5/8	6.500	0.47



SAFETY NOTICE

Punches and chisels can be made to chip when struck by or against a hard surface, resulting not only in damage to the tool, but possibly an eye or other bodily injury. Always wear safety goggles when near a punch or chisel in use. Never use a punch or chisel with a mushroomed head.



Tool Steel Pin Punches

Product Number	Point Dia., Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-110	1/16	1/4	4.000	0.05
70-112	3/32	5/16	4.500	0.09
70-114	1/8	5/16	4.750	0.09
70-116	5/32	5/16	5.000	0.10
70-118	3/16	3/8	5.250	0.14
70-120	7/32	3/8	5.500	0.15
70-122	1/4	3/8	5.750	0.17
70-124	9/32	3/8	5.750	0.17
70-126	5/16	7/16	6.000	0.24
70-128	3/8	1/2	6.000	0.35

ASME B107.48m Fed'l Spec. GGG-P-831F



Tool Steel Long Pin Punches

Product Number	Point Dia., Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-041	1/8	5/16	8.000	0.12
70-042	5/32	5/16	8.000	0.13
70-043	3/16	3/8	8.000	0.16
70-044	7/32	3/8	8.000	0.18
70-045	1/4	3/8	8.000	0.19
70-047	5/16	7/16	8.000	0.28
70-049	3/8	1/2	8.000	0.38

ASME B107.48m Fed'l Spec. GGG-P-831F



Brass Pin Punches

Product Number	Point Dia., Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-295	1/4	3/8	4.000	0.19
70-296	3/8	1/2	6.000	0.32



Set 70-546
3 Pc. Brass Pin Punch Set

Approximate Weight, 0.83 lbs.

Product Number	Size, Inches	Description
70-295	1/4	Brass Pin Punch
70-296	3/8	Brass Pin Punch
70-297	1/4	Brass Solid Punch

Always wear eye protection when near tools in use.

Pin Punches

Product Number	Point Dia., Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-101	1/16	5/16	4.250	0.07
70-103	3/32	5/16	4.750	0.08
70-105	1/8	5/16	5.000	0.08
70-107	5/32	5/16	5.250	0.08
70-109	3/16	5/16	5.500	0.08
70-129	7/32	3/8	7.000	0.16
70-131	1/4	3/8	7.000	0.18
70-133	5/16	1/2	7.000	0.30



Roll Pin Punches

Product Number	Point Dia., Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-260	1/16	3/16	2.750	0.02
70-262	3/32	3/16	3.500	0.02
70-264	1/8	1/4	4.000	0.04
70-266	5/32	1/4	4.500	0.04
70-268	3/16	3/8	4.500	0.08
70-270	7/32	3/8	5.000	0.08
70-272	1/4	7/16	5.500	0.13
70-274	5/16	7/16	6.000	0.17
70-276	3/8	1/2	6.000	0.21
70-280	1/2	5/8	6.000	0.38





Drift Punches

Product Number	Point Dia., Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-187	3/32	3/8	7.500	0.26
70-189	1/8	3/8	8.000	0.29
70-191	5/32	1/2	8.500	0.34
70-193	3/16	1/2	9.000	0.38
70-195	7/32	1/2	9.500	0.45
70-197	1/4	5/8	11.000	0.68
70-199	5/16	5/8	11.000	0.72
70-201	3/8	3/4	11.000	0.76



Brass Drift Punches

Product Number	Stock Size, Inches	Length, Inches	Weight, lbs.
70-294	3/8	6.000	0.22
70-293	1/2	7.000	0.44
70-291	3/4	8.000	1.13

70-545 3 Pc. Brass Drift Punch Set

Approximate Weight, 1.79 lbs.



Long Aligning Punch

Product Number	Point Dia., Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-221	5/16	3/4	18.000	0.82



Starting Punches

Product Number	Point Dia., Inches	Stock Size, Inches	Length, Inches	Weight, lbs.
70-153	1/16	5/16	4.500	0.08
70-155	3/32	5/16	4.500	0.09
70-157	1/8	5/16	4.500	0.09
70-159	5/32	3/8	5.000	0.13
70-161	3/16	3/8	5.000	0.13
70-163	7/32	1/2	5.500	0.27
70-165	1/4	1/2	6.000	0.29
70-167	5/16	5/8	7.000	0.32

Always wear eye protection when near tools in use.

Center Punches

Product Number	Stock Size, Inches	Length, Inches	Weight, lbs.
70-231	1/4	4.250	0.06
70-233	5/16	4.500	0.08
70-235	3/8	5.000	0.13
70-237	7/16	5.500	0.21
70-239	1/2	6.000	0.28
70-241	5/8	7.000	0.42



Prick Punches

Product Number	Stock Size, Inches	Length, Inches	Weight, lbs.
70-251	1/4	4.250	0.05
70-253	5/16	4.500	0.09
70-255	3/8	5.000	0.13
70-257	1/2	6.000	0.29



Brass Taper Punch

Product Number	Stock Size, Inches	Length, Inches	Weight, lbs.
70-292	1/4	4.000	0.19



Brass Solid Punch

Product Number	Stock Size, Inches	Length, Inches	Weight, lbs.
70-297	1/4	6.000	0.32





Set 70-579
4 Pc. Pry Bar Set

Approximate Weight, 5.51 lbs.

Product Number	Blade Length, Inches	Product Number	Blade Length, Inches
70-531	3/8 x 7.000	70-535	1/2 x 18.000
70-533	3/8 x 12.000	70-537	1/2 x 24.000



Set 70-578
4 Pc. Aligning/Rolling Head Set

Approximate Weight, 7.04 lbs.

Product Number	Stock Size, Inches	Product Number	Stock Size, Inches
70-503	5/8	70-519	1/2
70-505	3/4	70-521	5/8



Pry Bars

Product Number	Tip Width, Inches	Stock Size, Inches	Blade Length, Inches	OAL, Inches	Weight, lbs.
70-531	5/8	3/8	7.000	12.000	0.47
70-533	5/8	3/8	12.000	17.000	0.75
70-535	11/16	1/2	18.000	25.000	1.72
70-537	11/16	1/2	24.000	31.000	2.28
70-539	1	7/8	28.000	36.000	3.69



Aligning Pry Bars

Product Number	Stock Size, Inches	Length, Inches	Weight, lbs.
70-501	1/2	14.000	0.78
70-503	5/8	16.000	1.45
70-505	3/4	24.000	3.08
70-507	7/8	30.000	4.78
70-509	7/8	46.000	7.33
70-511	1-1/16	54.000	10.45



Rolling Head Pry Bars

Product Number	Stock Size, Inches	Length, Inches	Weight, lbs.
70-517	3/8	9.000	0.29
70-519	1/2	15.000	0.87
70-521	5/8	18.000	1.59



Polished Rolling Head Pry Bar

Product Number	Stock Size, Inches	Length, Inches	Weight, lbs.
70-515	5/8	18.000	2.00

Always wear eye protection when near tools in use.

Safety Glasses 69-990

Attractive, modern styling. Black frames with clear sideshields and clear lenses. These glasses comply with ASME Z87.1 standards. Approximate Weight, 0.20 lbs.



Ball Pein Hammers, Fiberglass Handle

Hammer heads are drop forged from selected steel and black finished. Face, cheeks and peins are highly polished. Hollow core fiberglass handle provides better balance, absorbs shock better than solid fiberglass. Comfortable non-slip handle grips.



Product Number	Weight Class	Length, Inches	Weight, lbs.
69-404	8 oz.	12.500	1.00
69-406	12 oz.	13.000	1.26
69-408	1 lb.	13.000	1.47
69-410	1-1/2 lb.	14.500	2.07
69-412	2 lb.	14.750	2.63

Fed'l Spec. GGG-H-86c

Ball Pein Hammers, Hickory Handle

Hammer heads are drop forged from selected steel and black finished. Striking face and peins are highly polished. Handles are made from the finest second growth white hickory. They are flame treated, clear lacquered and securely wedged into hammer head.



Product Number	Weight Class	Length, Inches	Weight, lbs.
69-440	2 oz.	10.250	0.26
69-442	4 oz.	10.250	0.43
69-444	8 oz.	12.000	0.81
69-446	12 oz.	12.750	1.13
69-448	1 lb.	13.750	1.44
69-450	1-1/2 lb.	15.250	2.12
69-452	2 lb.	15.750	2.69
69-454	2-1/2 lb.	16.000	2.99

Fed'l Spec. GGG-H-86c

HOT CAST DEAD BLOW HAMMERS

SAFETY RED

- SAFETY: Safety Warning is prominently visible

SHOT FILLED CANISTER

- Provides dead blow action and absorbs shock, reducing the chance of injury

HOT CAST URETHANE WITH STEEL REINFORCED HANDLE

- Will not spark or mar surfaces
- Resists chipping and splitting
- Reduces noise when striking metal objects



Dead Blow Ball Pein Hammers

Product Number	Weight Class	Overall Length, Inches	Face Dia., Inches	Head Length, Inches
68-516	16 oz.	12.750	1.000	4.188
68-524	24 oz.	13.000	1.250	4.500
68-532	32 oz.	13.625	1.375	4.812
68-540	40 oz.	16.500	1.375	4.812



Standard Head One-Piece Dead Blow Hammers

Product Number	Weight Class	Overall Length, Inches	Face Dia., Inches	Head Length, Inches
69-530	10 oz.	10.125	1.250	3.125
69-531	18 oz.	11.250	1.750	3.750
69-532	21 oz.	12.750	2.000	4.125
69-533	42 oz.	14.375	2.250	4.625
69-534	52 oz.	15.250	2.750	5.375

Fed'l Spec. GGG-H-33a



Slimline One-Piece Dead Blow Hammers

Product Number	Weight Class	Overall Length, Inches	Face Dia., Inches	Head Length, Inches
69-540	5 oz.	9.375	0.875	2.875
69-541	14 oz.	10.625	1.250	4.187
69-542	18 oz.	12.125	1.500	4.250
69-543	21 oz.	12.125	1.750	5.187

Fed'l Spec. GGG-H-33a



Deep Throat One-Piece Dead Blow Hammer

Product Number	Weight Class	Overall Length, Inches	Face Dia., Inches	Head Length, Inches
69-547	32 oz.	12.875	1.750	8.500

Fed'l Spec. GGG-H-33a

Always wear eye protection when near tools in use.

Sledge Head One-Piece Dead Blow Hammers

Product Number	Weight Class	Overall Length, Inches	Face Dia., Inches	Head Length, Inches
69-550	5 lb.	20.000	2.750	7.000
69-551	8 lb.	30.000	2.750	7.000
69-552	10-1/2 lb.	30.000	3.250	8.000
69-554	11-1/2 lb.	36.000	3.250	8.000

Fed'l Spec. GGG-H-33a



Soft Face Hammers, Fiberglass Handle

Product Number	Weight Class	Head		Handle Length, Inches	Thread Size	Weight, lbs.
		Diameter, Inches	Length, Inches			
69-001	5 oz.	1.000	2.000	11.375	1/4-20	0.37
69-003	8 oz.	1.000	2.000	11.375	1/4-20	0.49
69-009	12 oz.	1.500	2.375	13.000	5/16-18	0.47
69-011	1 lb.	1.500	4.500	13.000	5/16-18	0.88
69-013	1-1/4 lb.	1.500	2.375	13.000	5/16-18	1.06
69-017	1-1/4 lb.	2.000	2.500	13.000	3/8-16	0.99
69-019	2 lb.	2.000	2.500	13.000	3/8-16	1.65
69-025	2 lb.	2.500	3.250	15.000	7/16-14	1.76
69-027	4 lb.	2.500	3.250	13.000	7/16-14	3.62
69-031	3-1/2 lb.	3.000	3.750	14.000	1/2-13	2.50
69-033	6 lb.	3.000	3.750	14.000	1/2-13	5.01

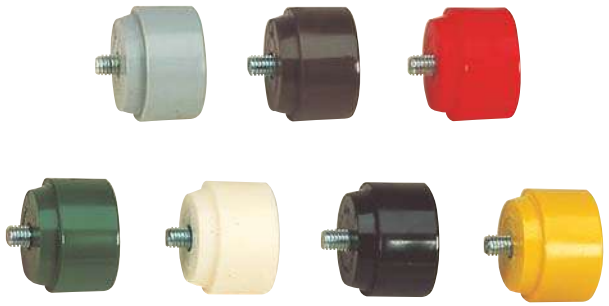
Fed'l Spec. GGG-H-33a



Dead-Blow Soft Face Hammers, Fiberglass Handle

Product Number	Weight Class	Head		Handle Length, Inches	Thread Size	Weight, lbs.
		Diameter, Inches	Length, Inches			
69-065	1-1/2 lb.	1.500	6.250	12.000	5/16-18	1.42
69-069	2-1/2 lb.	2.000	8.625	12.000	3/8-16	2.13

Fed'l Spec. GGG-H-33a



Soft Face Tips are color coded to indicate hardness. They won't mar painted or polished surfaces and won't gash, mushroom or chip. Vibration and rebound are highly reduced. Tapered tips thread directly into hammer head and seat in head well through friction fit.

Hardness Conversion Guide

	Super Soft	Soft	Medium	Tough	Med. Hard	Hard	Extra Hard
Soft Rubber	■	■					
Soft Lead		■					
Wood		■	■				
Rubber			■				
Rawhide			■	■	■	■	■
Brass			■				
Hardwood				■	■		
Plastic				■		■	
Lead				■	■		
Micarta						■	■
Fiber						■	■
Copper							■

Soft Face Hammer Tips

Product Number	Diameter, Inches	Thread Size	Hardness	Color Code	Weight, lbs.
69-141	1.000	1/4-20	Super Soft	Gray	0.04
69-142	1.000	1/4-20	Soft	Brown	0.04
69-143	1.000	1/4-20	Medium	Red	0.04
69-145	1.000	1/4-20	Tough	Green	0.05
69-146	1.000	1/4-20	Med. Hard	Cream	0.03
69-148	1.000	1/4-20	Hard	Black	0.04
69-149	1.000	1/4-20	Extra Hard	Yellow	0.04
69-151	1.500	5/16-18	Super Soft	Gray	0.09
69-152	1.500	5/16-18	Soft	Brown	0.09
69-153	1.500	5/16-18	Medium	Red	0.10
69-155	1.500	5/16-18	Tough	Green	0.10
69-156	1.500	5/16-18	Med. Hard	Cream	0.09
69-158	1.500	5/16-18	Hard	Black	0.11
69-159	1.500	5/16-18	Extra Hard	Yellow	0.11
69-161	2.000	3/8-16	Super Soft	Gray	0.21
69-162	2.000	3/8-16	Soft	Brown	0.20
69-163	2.000	3/8-16	Medium	Red	0.20
69-165	2.000	3/8-16	Tough	Green	0.21
69-166	2.000	3/8-16	Med. Hard	Cream	0.18
69-168	2.000	3/8-16	Hard	Black	0.23
69-169	2.000	3/8-16	Extra Hard	Yellow	0.23
69-171	2.500	7/16-14	Super Soft	Gray	0.34
69-172	2.500	7/16-14	Soft	Brown	0.35
69-173	2.500	7/16-14	Medium	Red	0.37
69-175	2.500	7/16-14	Tough	Green	0.37
69-176	2.500	7/16-14	Med. Hard	Cream	0.32
69-178	2.500	7/16-14	Hard	Black	0.39
69-179	2.500	7/16-14	Extra Hard	Yellow	0.40
69-181	3.000	1/2-13	Super Soft	Gray	0.59
69-182	3.000	1/2-13	Soft	Brown	0.58
69-183	3.000	1/2-13	Medium	Red	0.59
69-185	3.000	1/2-13	Tough	Green	0.62
69-186	3.000	1/2-13	Med. Hard	Cream	0.52
69-188	3.000	1/2-13	Hard	Black	0.65
69-189	3.000	1/2-13	Extra Hard	Yellow	0.66

Fed'l Spec. GGG-H-33a



"Powerdrive" Dead Blow Hammers, Fiberglass Handle

Shot-loaded head delivers up to 30% greater impact while eliminating rebound. Thermoplastic head material won't mar work and will last many times longer than conventional soft face tips, without mushrooming. Fiberglass handle shafts-made with continuous parallel strands reinforced with polyester plastic-are permanently epoxied to head. Special molded grip is immune to oils and solvents, and provides comfortable, non-slip action, while helping to absorb shock.

Product Number	Weight Class	Head Dia., Inches	Handle Length, Inches	Weight, lbs.
69-501	1 lb.	1.875	11.000	1.38
69-503	2 lb.	2.125	11.750	1.87
69-505	3 lb.	2.375	12.635	2.61
69-507	4 lb.	2.625	13.000	3.12

Fed'l Spec. GGG-H-33a

Always wear eye protection when near tools in use.

Rubber Mallet, Fiberglass Handle

Solid, non-flaking rubber head prevents damage. Ideal for any job requiring a large non-marring striking face. Molded rubber grip.

Product Number	Weight Class	Head Diameter, Inches	Head Length, Inches	Mallet Length, Inches	Weight, lbs.
69-490	2 lb.	2.438	3.875	15.375	1.91

Fed'l Spec. GGG-H-33a



Brass Hammers, Fiberglass Handle

Soft brass head is surface protective, non-sparking, non-marring, absorbs blow and reduces rebound. Striking face is machined flat for even blow distribution on off-center hits.

Product Number	Weight Class	Face Dia., Inches	Handle Length, Inches	Weight, lbs.
69-513	1-1/2 lb.	1.063	12.000	1.95
69-515	2-1/2 lb.	1.500	12.000	2.68
69-517	4 lb.	1.875	12.000	3.94

Fed'l Spec. GGG-H-33a



Hand Drilling Hammer, Hickory Handle

For use with punches, cold chisels, star drills, brick chisels, etc. Broad striking faces and bevels are polished; sides are smooth ground and feature rust resistant black finish. Flame treated, second growth hickory handle.

Product Number	Weight Class	Face Dia., Inches	Handle Length, Inches	Weight, lbs.
69-605	3 lb.	1.250	8.500	3.35

Fed'l Spec. GGG-H-86c



Cross Pein Hammers, Hickory Handle

Striking face and ends of pein generously beveled to reduce likelihood of chipping. Face, bevels and pein are polished; sides are smooth ground with black, rust resistant finish. Flame treated, second growth hickory handle is securely wedged to eye.

Product Number	Weight Class	Face Dia., Inches	Handle Length, Inches	Weight, lbs.
69-621	2 lb.	1.250	14.500	2.38
69-623	2-1/2 lb.	1.344	15.500	3.07
69-625	3 lb.	1.438	16.000	3.62

Fed'l Spec. GGG-H-86c





Double Face Sledge Hammers, Hickory Handle

Striking faces and bevels are polished; sides are smooth ground with rust resistant black finish. Flame treated, second growth hickory handle securely wedged in tapered eye.

Product Number	Weight Class	Face Dia., Inches	Handle Length, Inches	Weight, lbs.
69-643	2-1/2 lb.	1.375	15.500	2.88
69-645	3 lb.	1.500	16.000	3.45
69-647	4 lb.	1.750	16.000	4.50
69-649	6 lb.	2.125	36.000	7.00
69-651	8 lb.	2.250	36.000	9.00
69-653	10 lb.	2.500	36.000	11.00
69-655	12 lb.	2.625	36.000	13.00

ASME B173.3



Copper Hammers, Hickory Handle

Soft head reduces risk of marring work. Ideal for driving bushings and gears. Second growth white hickory handle is securely wedged into hammer head.

Product Number	Weight Class	Length, Inches	Weight, lbs.
69-480	1-1/2 lb.	13.438	1.98
69-485	2 lb.	13.500	2.34



Brass Hammers, Hickory Handle

Soft brass head is non-sparking and non-marring. Ideal for driving bushings and gears.

Product Number	Weight Class	Length, Inches	Weight, lbs.
81-110	1/2 lb.	10.500	0.63
81-111	1 lb.	10.500	1.13
81-112	2 lb.	13.000	2.32



Curved Claw Hammer, Hickory Handle

Hammer head is drop forged from selected steel and carefully heat treated. Striking head, sides and claw are highly polished. Curved claw model has octagon face and neck. All Claw Hammers feature select, flame-treated hickory handles which are triple wedged into tapered eye.

Product Number	Weight Class	Length, Inches	Weight, lbs.
69-308	16 oz.	13.000	1.43

Fed'l Spec. GGG-H-86c



Claw Hammer, Fiberglass Handle

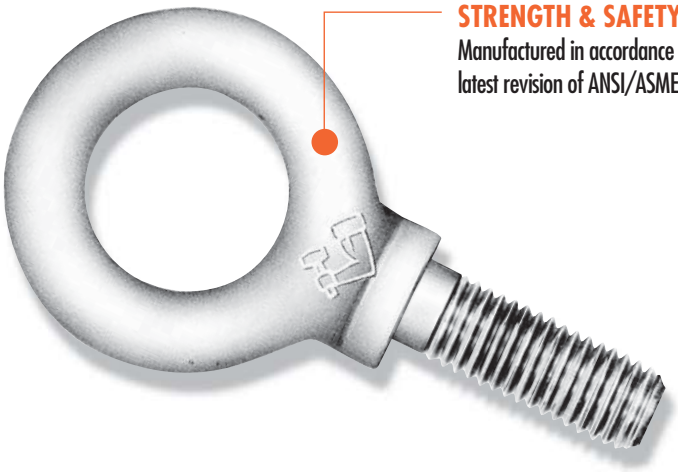
Same hammer head features as on curved claw models. Hollow core fiberglass handle provides better balance and more effectively absorbs shock than solid fiberglass handles. Handle is both steel wedged and epoxy sealed; features black neoprene grip.

Product Number	Weight Class	Length, Inches	Weight, lbs.
69-350	20 oz.	14.000	1.89

Fed'l Spec. GGG-H-86c

Always wear eye protection when near tools in use.

General Service C-Clamps
Heavy Duty C-Clamps
Square Throat C-Clamps
Square Throat C-Clamps
Deep Throat C-Clamps
High-Visibility Deep Throat C-Clamps
Lifting Eyes (Eye Bolts)



STRENGTH & SAFETY
Manufactured in accordance with the latest revision of ANSI/ASME B18.15

STRENGTH
Threads are roll formed for greater strength, smoother running, more clamping force with less effort and resistance to nicks



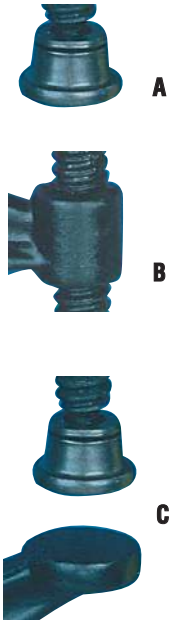
STRENGTH
Heavy-walled hub offers greater support to the forcing screw

STRENGTH
Patented design pad is cold-formed, completely encircling the ball of the screw, providing permanent attachment, as well as a full swivel action

STRENGTH
I-beam design for greater strength, yet lighter weight

SAFETY
Deep Throat Pattern C-Clamps available in "Safety Yellow" or "Safety Orange" for high visibility

STRENGTH
Extra large anvil provides a greater gripping area for securing work



Armstrong C-Clamps

When your requirements call for clamps, specify Armstrong—the most accepted name in the business. When you see Armstrong forged into the frame, feel confident—your clamp has been manufactured from the best materials. Screws and frames are hardened to provide great strength and durability. You can depend on it.

SPECIAL FEATURES:

A—BALL JOINT SWIVEL PAD

An exclusive with Armstrong, this patented feature assures the most secure system of locking pad to screw. Lip of pad is undercut. When ball of screw is inserted into pad and lip is forced down, a solid steel wall is formed inside the pad cavity. It completely encircles the ball insuring a permanent attachment but retaining plenty of swivel.

B—HEAVY WALLED HUB

Offers greater support for screw. Helps to prevent bending as the hub bears much of the stress. Makes for a longer lasting clamp.

C—ANVIL

Extra large anvil is carefully broached to assure a flat surface and proper alignment with screw. Provides greater gripping area for big work, yet permits pin-point clamping of small or uneven pieces.



Heavy Duty Pattern

The strongest C-Clamp made. Square-head screw has hardened point. Screw does not include a handle—it must be tightened with a wrench. Extra long hub helps prevent springing even under great stress.

Product Number	Capacity Inches Max.	Capacity Inches Min.	Depth of Throat from Center of Screw, In.	Thread Size	Length of Screw	Min. Proof Test, lbs.	Weight, lbs.
78-000	13/16	0	5/8	3/8-16	2-1/4	2,800	0.38
78-010	1-5/16	0	15/16	7/16-14	2-13/16	5,600	0.74
78-015	1-3/4	0	1-7/16	5/8-11	4-3/16	8,750	1.91
78-020	2-3/8	1/2	1-9/16	3/4-10	4-1/4	12,500	3.28
78-030	3-5/16	5/8	2	7/8-9	5-3/4	16,250	5.83
78-040	4-5/8	1	2-7/16	1-8	7-1/16	20,000	10.10
78-050	5-3/8	1-1/4	2-7/8	1-8	7-3/4	23,800	14.08
78-060	6-5/8	2-1/2	3-1/4	1-1/8-7	8-3/16	27,500	18.92
78-080	8-1/4	2-1/4	3	1-1/4-7	10-5/16	31,250	27.50
78-090	10-3/8	4-1/4	3-1/8	1-1/4-7	10-5/16	35,000	30.59
78-092	12-1/2	6-3/8	3-1/2	1-1/4-7	10-5/16	40,000	37.22

Fed'l Spec. GGG-C-406d

Heavy Duty Pattern, with Full-Length Screw*

Product Number	Capacity Inches Max.	Capacity Inches Min.	Depth of Throat from Center of Screw, In.	Thread Size	Length of Screw	Min. Proof Test, lbs.	Weight, lbs.
78-021	2-3/8	0	1-9/16	3/4-10	5	12,500	3.28
78-031	3-5/16	0	2	7/8-9	6-11/16	16,250	5.83
78-041	4-5/8	0	2-7/16	1-8	8-11/16	20,000	10.10
78-051	5-3/8	0	2-7/8	1-8	9-13/16	23,800	14.08
78-061	6-5/8	0	3-1/4	1-1/8-7	11-3/8	27,500	18.92
78-081	8-1/4	0	3	1-1/4-7	13-9/16	31,250	27.50
78-091	10-3/8	0	3-1/8	1-1/4-7	15-9/16	35,000	30.59
78-093	12-1/2	0	3-1/2	1-1/4-7	15-3/8	40,000	37.22

*Product marked with Heavy Duty # Fed'l Spec. GGG-C-406d

Always wear eye protection when near tools in use.

General Service Pattern

Designed for use in the many applications which don't require the throat depth of our Square or Deep Throat pattern, or the extreme strength of our Heavy Duty Pattern.



Product Number	Capacity Inches Max.	Capacity Inches Min.	Depth of Throat from Center of Screw, In.	Thread Size	Length of Screw	Min. Proof Test, lbs.	Weight, lbs.
78-102	2	0	1-3/8	1/2-13	4-7/8	7,500	1.26
78-103	3	0	1-3/4	5/8-11	6-3/8	8,750	2.60
78-104	4	0	2	3/4-10	7-7/8	10,000	4.13
78-106	6	2	2-1/4	3/4-10	7-7/8	11,250	5.90
78-108	8	4	2-1/4	3/4-10	7-7/8	12,500	6.90
78-110	10	6	2-3/8	3/4-10	7-7/8	13,750	8.00
78-112	12	8	2-5/8	7/8-9	10-1/4	15,000	11.61
78-115	15	10	2-3/4	7/8-9	10-1/4	16,250	14.95
78-118	18	13	2-7/8	7/8-9	10-1/4	17,500	18.21

Fed'l Spec. GGG-C-406d

General Service Pattern, with Full-Length Screw*

Product Number	Capacity Inches Max.	Capacity Inches Min.	Depth of Throat from Center of Screw, In.	Thread Size	Length of Screw	Min. Proof Test, lbs.	Weight, lbs.
78-107	6	0	2-1/4	3/4-10	9-5/8	11,250	5.90
78-109	8	0	2-1/4	3/4-10	11-11/16	12,500	6.90
78-111	10	0	2-3/8	3/4-10	13-9/16	13,750	8.00
78-113	12	0	2-5/8	7/8-9	16-1/4	15,000	11.61
78-116	15	0	2-3/4	7/8-9	19-1/4	16,250	14.95
78-119	18	0	2-7/8	7/8-9	22-1/4	17,500	18.21

*Product marked with General Service Pattern # Fed'l Spec. GGG-C-406d

Square Throat Pattern, Black Finish

Designed for those jobs where a super deep throat is required. Square throat clamps offer up to 89% more throat depth than other patterns, but embody all the strength and durability inherent in a drop forged C-clamp.



Product Number	Capacity Inches Max.	Capacity Inches Min.	Depth of Throat from Center of Screw, In.	ACME Thread Size	Length of Screw	Min. Proof Test, lbs.	Weight, lbs.
78-303	3	0	3-1/2	1/2-8	4-7/8	3,500	2.52
78-304	4	0	4-1/2	3/4-6	7-5/8	4,100	4.49
78-306	6	0	6-1/2	3/4-6	9-7/8	5,400	8.05
78-308	8	0	8-1/2	3/4-6	12-3/8	5,900	13.11

Fed'l Spec. GGG-C-406d

Square Throat Pattern, Zinc Plated

Designed for those jobs where a super deep throat is required. Square throat clamps offer up to 89% more throat depth than other patterns, but embody all the strength and durability inherent in a drop forged C-clamp. Features spatter resisting zinc plated forcing screws for use in welding.



Product Number	Capacity Inches Max.	Capacity Inches Min.	Depth of Throat from Center of Screw, In.	ACME Thread Size	Length of Screw	Min. Proof Test, lbs.	Weight, lbs.
78-333	3	0	3-1/2	1/2-8	4-7/8	3,500	2.52
78-334	4	0	4-1/2	3/4-6	7-5/8	4,100	4.49
78-336	6	0	6-1/2	3/4-6	9-7/8	5,400	8.05
78-338	8	0	8-1/2	3/4-6	12-3/8	5,900	13.11

Fed'l Spec. GGG-C-406d



Deep Throat Pattern

Our most popular and versatile pattern. Provides all the strength of our Square Throat Pattern and greater throat depth than our General Service Pattern. Frame is drop forged Carbon Steel; all other parts are machined from Carbon Steel.

Product Number	Capacity Inches Max.	Capacity Inches Min.	Depth of Throat from Center of Screw, In.	ACME Thread Size	Length of Screw	Min. Proof Test, lbs.	Weight, lbs.
78-401	1-1/2	0	1-5/8	3/8-16	3-1/4	1,400	0.37
78-402	2	0	2-5/16	1/2-8	4-3/4	3,300	1.25
78-403	3	0	2-3/4	1/2-8	5-3/4	3,500	2.04
78-404	4	0	3-1/16	3/4-6	7-5/8	4,100	2.96
78-406	6	0	4-1/16	3/4-6	9-7/8	5,400	4.82
78-408	8	0	5	3/4-6	12-3/8	5,900	6.81
78-410	10	3	5-15-16	3/4-6	12-3/8	6,200	9.86
78-412	12	4	6-3/8	7/8-6	13-1/2	9,300	12.69

Fed'l Spec. GGG-C-406d

Deep Throat Pattern, with Full-Length Screw*

Product Number	Capacity Inches Max.	Capacity Inches Min.	Depth of Throat from Center of Screw, In.	ACME Thread Size	Length of Screw	Min. Proof Test, lbs.	Weight, lbs.
78-411	10	0	5-15/16	3/4-6	14-1/2	6,200	9.86
78-413	12	0	6-3/8	7/8-6	16-1/2	9,300	12.69

*Product marked with Deep Throat # Fed'l Spec. GGG-C-406d



Deep Throat Pattern, Zinc Plated

Design and materials are exactly the same as Deep Throat Pattern. However, forcing screw are zinc plated to resist the adhesion of welding spatter.

Product Number	Capacity Inches Max.	Capacity Inches Min.	Depth of Throat from Center of Screw, In.	ACME Thread Size	Length of Screw	Min. Proof Test, lbs.	Weight, lbs.
78-431	1-1/2	0	1-3/8	3/8-16	3-1/4	1,400	0.37
78-432	2	0	2	1/2-8	4-3/4	3,300	1.23
78-433	3	0	2-3/8	1/2-8	5-3/4	3,500	2.11
78-434	4	0	2-3/4	3/4-6	7-5/8	4,100	2.89
78-436	6	0	3-5/8	3/4-6	9-7/8	5,400	4.83
78-438	8	0	4-1/2	3/4-6	12-3/8	5,900	6.98
78-440	10	3	5-3/8	3/4-6	12-3/8	6,200	9.66
78-442	12	4	5-3/4	7/8-6	13-1/2	9,300	12.85

Fed'l Spec. GGG-C-406d

Deep Throat Pattern, Zinc Plated with Full-Length Screw*

Product Number	Capacity Inches Max.	Capacity Inches Min.	Depth of Throat from Center of Screw, In.	ACME Thread Size	Length of Screw	Min. Proof Test, lbs.	Weight, lbs.
78-441	10	0	5-3/8	3/4-6	14-1/2	6,200	9.66
78-443	12	0	5-3/4	7/8-6	16-1/2	9,300	12.85

*Product marked with Deep Throat # Fed'l Spec. GGG-C-406d

Always wear eye protection when near tools in use.

Deep Throat Pattern, High Visibility Finish, Safety Yellow*

Same in all respects-except for finish-as other Deep Throat C-Clamps. However, High Visibility Clamp frames are finished in your choice of "Safety Yellow" or "Safety Orange" high-gloss baked-on enamel. Easy to see; hard to lose or misplace. Screws and handles are black finish. Furnished with standard screws only.



Product Number	Capacity Inches Max.	Capacity Inches Min.	Depth of Throat from Center of Screw, In.	ACME Thread Size	Length of Screw	Min. Proof Test, lbs.	Weight, lbs.
78-601	1-1/2	0	1-5/8	3/8-16	3-1/4	1,400	0.37
78-602	2	0	2-15/16	1/2-8	4-3/4	3,300	1.25
78-603	3	0	2-3/4	1/2-8	5-3/4	3,500	2.04
78-604	4	0	3-13/16	3/4-6	7-5/8	4,100	2.96
78-606	6	0	4-1/16	3/4-6	9-7/8	5,400	4.82
78-608	8	0	5	3/4-6	12-3/8	5,900	6.81
78-610	10	3	5-15/16	3/4-6	12-3/8	6,200	9.86
78-612	12	4	6-3/8	7/8-6	13-1/2	9,300	12.69

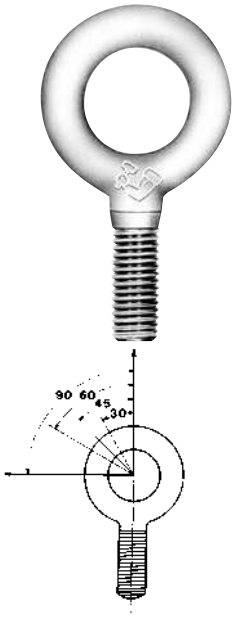
*Product marked with Deep Throat # Fed'l Spec. GGG-C-406d

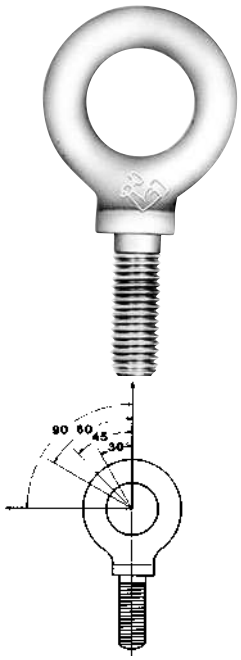
Deep Throat Pattern, High Visibility Finish, Safety Orange*



Product Number	Capacity Inches Max.	Capacity Inches Min.	Depth of Throat from Center of Screw, In.	ACME Thread Size	Length of Screw	Min. Proof Test, lbs.	Weight, lbs.
78-631	1-1/2	0	1-5/8	3/8-16	3-1/4	1,400	0.37
78-632	2	0	2-5/16	1/2-8	4-3/4	3,300	1.25
78-633	3	0	2-3/4	1/2-8	5-3/4	3,500	2.04
78-634	4	0	3-13/16	3/4-6	7-5/8	4,100	2.96
78-636	6	0	4-1/16	3/4-6	9-7/8	5,400	4.82
78-638	8	0	5	3/4-6	12-3/8	5,900	6.81
78-640	10	3	5-15/16	3/4-6	12-3/8	6,200	9.86
78-642	12	4	6-3/8	7/8-6	13-1/2	9,300	12.69

*Product marked with Deep Throat # Fed'l Spec. GGG-C-406d





Armstrong Lifting Eyes (Eye Bolts)

Armstrong carbon steel Lifting Eyes are manufactured in accordance with the latest revision of ASME/ASME B18.15. To ensure consistent performance, these uniformly designed, drop forged Lifting Eyes are quenched and tempered for optimum strength. Armstrong Lifting Eyes are furnished with Unified National Coarse (U.N.C.) threads. Special threads and lengths shorter than standard are available on special order.

Plain Pattern

Product Number	Shank Dimensions, In. Thread Size	Std. Length Under Eye	Eye Diameter, In. Inside	Outside	Guide for MAX. Working Load*, lbs. 0°	30°	45°	Weight, lbs.
89-001	1/4-20	1	3/4	1-3/16	500	70	NR	0.05
89-002	5/16-18	1-1/8	7/8	1-7/16	800	200	NR	0.08
89-003	3/8-16	1-1/4	1	1-21/32	1,400	600	300	0.13
89-004	7/16-14	1-3/8	1-3/32	1-27/32	2,000	700	450	0.20
89-005	1/2-13	1-1/2	1-3/16	2-1/16	2,600	850	525	0.31
89-006	9/16-12	1-5/8	1-9/32	2-9/32	3,000	1,125	750	0.41
89-007	5/8-11	1-3/4	1-3/8	2-1/2	4,000	1,400	950	0.59
89-008	3/4-10	2	1-1/2	2-13/16	6,000	2,200	1,600	0.83
89-009	7/8-9	2-1/4	1-11/16	3-1/4	7,200	2,850	2,000	1.36
89-010	1-8	2-1/2	1-13/16	3-9/16	9,500	3,800	2,800	2 09
89-011	1-1/8-7	2-3/4	2	4	11,800	4,700	3,400	2.92
89-012	1-1/4-7	3	2-3/16	4-7/16	15,000	6,000	4,400	3.83
89-014	1-1/2-6	3-1/2	2-1/2	5-3/16	21,700	8,600	6,200	6.44
89-015	1-3/4-5	3-3/4	2-7/8	6-1/16	29,500	11,600	8,200	11.92
89-016	2-4-1/2	4	3-1/4	6-7/8	38,500	15,400	11,200	14.55

ASME B18.15

Shoulder Pattern

Product Number	Shank Dimensions, In. Thread Size	Std. Length Under Eye	Eye Diameter, In. Inside	Outside	Guide for MAX. Working Load*, lbs. 0°	30°	45°	Weight, lbs.
89-021	1/4-20	1	3/4	1-3/16	500	75	NR	0.05
89-022	5/16-18	1-1/8	7/8	1-7/16	800	225	NR	0.08
89-023	3/8-16	1-1/4	1	1-21/32	1,400	650	350	0.13
89-024	7/16-14	1-3/8	1-3/32	1-27/32	2,000	1,000	500	0.20
89-025	1/2-13	1-1/2	1-3/16	2-1/16	2,600	1,200	650	0.31
89-026	9/16-12	1-5/8	1-9/32	2-9/32	3,000	1,600	900	0.41
89-027	5/8-11	1-3/4	1-3/8	2-1/2	4,000	2,000	1,200	0.59
89-028	3/4-10	2	1-1/2	2-13/16	6,000	3,200	2,200	0.83
89-029	7/8-9	2-1/4	1-11/16	3-1/4	7,200	3,800	2,500	1.36
89-030	1-8	2-1/2	1-13/16	3-9/16	9,500	5,000	3,600	2.09
89-031	1-1/8-7	2-3/4	2	4	11,800	5,500	4,500	2.92
89-032	1-1/4-7	3	2-3/16	4-7/16	15,000	7,000	5,200	3.83
89-034	1-1/2-6	3-1/2	2-1/2	5-3/16	21,700	10,500	7,200	6.44
89-035	1-3/4-5	3-3/4	2-7/8	6-1/16	29,500	14,000	10,500	11.92
89-036	2-4-1/2	4	3-1/4	6-7/8	38,500	18,000	13,500	14.55

ASME B18.15

NR: NOT RECOMMENDED

*These loads were determined using a very slow, steady pull. Jerking, sudden pulls and/or drops, and fast pulls impart very high and unpredictable loads to the Lifting Eye(s) which can exceed the MAXIMUM Working Load.

LIFTING EYE SAFETY

The dangers inherent in any lifting operation are obvious. Yet every year, accidents occur which could have been avoided by applying the simplest, most fundamental safety precautions.

1. Read and follow all of the suggestions stated in the "Manual of Proper Uses of Forged Lifting Eyes (Eye Bolts)," BEFORE attempting to use Lifting Eyes in any application. A copy is on page 11-6 and 11-7 of this catalog.
2. ALWAYS stay well clear of the load.
3. DO NOT use Lifting Eyes for angular lifts unless ABSOLUTELY necessary. If angular lifts CANNOT be avoided, then ONLY Shoulder Pattern Lifting Eyes-which are specifically designed for this application-should be used.
4. Armstrong Carbon Steel Lifting Eyes must NEVER be welded.
5. DO NOT use Carbon Steel Lifting Eyes at temperatures below 32°F (0°C).
6. NEVER exceed the MAXIMUM Working Load of a Lifting Eye.

How Recommended Static Working Loads Are Determined

Lifting Eye manufacturers provided recommended static working loads for their standard lifting eyes. These static working loads are shown in the manufacturers' catalogs and have been determined by multiplying the tensile strength of the lifting eye material, after heat treating, by the tensile stress area of the threaded lifting eye shank. The product of this multiplication is the maximum ultimate strength of the lifting eye. Dividing this figure by a factor of five provides the recommended static working load for a straight vertical lift. More complete information may be found in ASTM A 489, Standard Spec. for Carbon Steel Lifting Eyes.

Angular Lifts

An angular lift (see figure 1) places additional stresses on a lifting eye, above that of the load to be hoisted. For this reason, use of angular lifts should be avoided whenever possible. If, however, the situation necessitates an angular lift, *a properly selected and inserted lifting eye must be used*, and a reduction in the rated capacity must be applied.

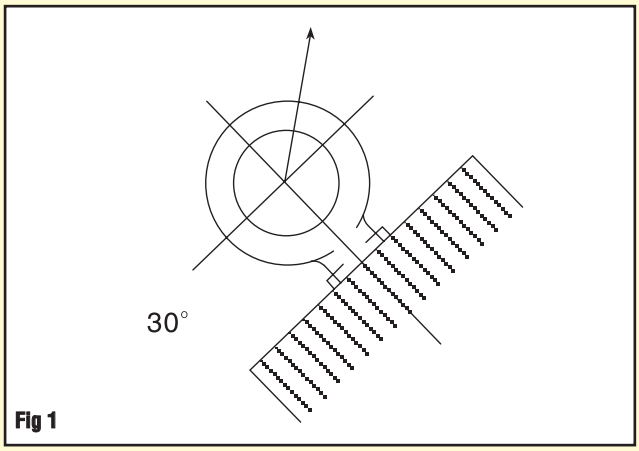


Fig 1

Angular lifts of 30° (Fig.1) apply additional stresses and *necessitate* reduced working loads.

Shoulder Pattern Lifting Eyes (Eye Bolts) Are Preferable

In theory, plain pattern and shoulder pattern lifting eyes are equally suitable for vertical lifts. But since there is no guarantee that a load will never be subjected to an angular lift, *shoulder pattern lifting eyes are recommended for use wherever possible.*

When a shoulder pattern lifting eye is properly seated in the receiving hole, the shoulder bears against the seat and reduces bending stress on the shank.

Seating Of Lifting Eyes (Eye Bolts)

Shoulder pattern lifting eyes should always be screwed in so as to **firmly seat the shoulder**, with at least 90% of the thread engaged. To facilitate this, the receiving hole should be machine countersunk. (See figure 2.) If countersinking is impossible, a minimum number of washers should be used to build up the surface of the load until the shoulder can be firmly seated by hand. *Be sure at least 90% of the threads are engaged in the receiving hole with a minimum thread engagement of at least 1-1/2 times the thread diameter in steel when this method is used.*

When using a plain pattern lifting eye, be sure the bolt is firmly seated by hand with at least 90% of the thread engaged in the receiving hole with the full threads close to the eye fully engaged.

Loads should always be applied to lifting eyes in the plane of the eye, not at some angle to this plane. Therefore, the direction of the load should be taken into account when seating the lifting eye. Before lifting the load, but with the load lines under tension, check to see if the lifting eyes are properly positioned.

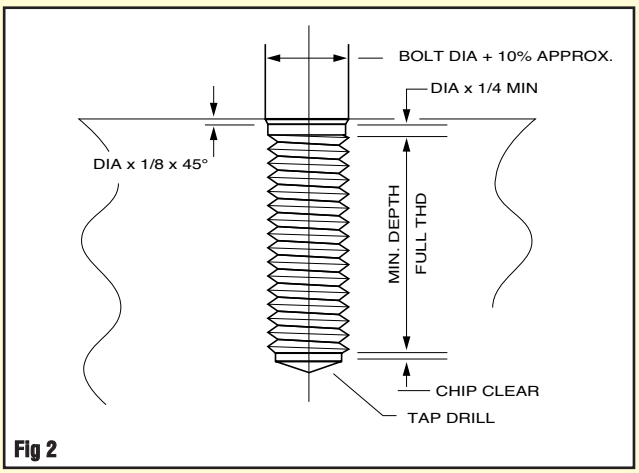


Fig 2

Recommendation for proper drilling, tapping and counterboring of the receiving hole.

Receiving Hole

In order to obtain the maximum strength from an eye bolt, considerable care must be given to the receiving hole into which the bold will be screwed. (See Figure 3)

Tap the correct class fit thread to accommodate the full length of the lifting eye shank. This is important because recommended capacities apply only when a minimum 90% of the threaded shank is engaged. For shoulder pattern lifting eyes, counterbore the hole to insure proper seating of the shoulder, as described previously.

Check Seating After Applying Angular Lift

Immediately after applying an angular load to a shoulder pattern lifting eye, check to be sure the shoulder is still firmly engaged. This is important, since the initial lift may cause the bolt to back off, away from the load. In such cases, the lifting eye should be unloaded and the lifting eye properly reseated.

Thread Engagement

The minimum thread engagement should be at least 1-1/2 times the thread diameter in steel. Refer to ASME/ASME B18.15, Forged Lifting Eyes (Eye Bolts), for engagements in other materials.

Undercut Lifting Eyes (Eye Bolts)

Undercutting of lifting eyes to provide clearance in a non-counterbore/countersunk hole is not recommended.

Dynamic Loading

Shock or rapid loading is inherently dangerous. All loads should be applied in a gradually increasing manner.

Always Stand Clear

Never stand, work or crawl under the load. If the load could swing, or if the pieces could fly in the event of a drop, allow for this possibility by establishing a safe distance between yourself and the load.

Don't Overload

Follow carefully the working load recommendations of the manufacturer of the lifting eye you are using.

Altering Of Lifting Eyes (Eye Bolts)

Lifting eyes should never be ground, machined, metal stamped or altered in any way, since such operation is likely to weaken the bolt. Lifting eyes showing signs of having been so treated should immediately be destroyed.

Extreme Heat

Lifting eyes should never be welded, used at, or subjected to temperatures above 275˚F (135˚C). Important physical properties are likely to be changed by such heating, creating an unsafe bolt. Lifting eyes showing signs of such heating should be immediately destroyed.

Low Temperature Service

Low temperature service poses additional problems. It is mandatory that all safety precautions be rigidly adhered to.

At temperatures below 30ºF(-1ºC), carbon steel, normally used for standard lifting eyes, is subject to a decrease in shock resistance and ductility at the lower temperatures.

(a) To minus 40ºF (-40ºC):	Heat treated low carbon alloy steel ASTM specification F541, Alloy Steel Lifting Eyes, should be used as a guide.
(b) Under minus 40ºF (-40ºC)	Use austenitic type steel. A reduction in rated load may occur.

Damaged Threads

Lifting eyes with worn, chipped, or otherwise damaged threads should be immediately destroyed. Such damage weakens the lifting eye and can cause improper seating.

Inspection

Lifting eyes should be routinely inspected for such conditions as:

A. Elongated or bent eye section.
B. Elongated or bent shank.
C. Nicks and gouges.
D. Obvious wear.
E. Worn, corroded and/or distorted threads.
F. Cracks found by non-destructive testing.
G. Absence of sufficient identifying markings.

If any of these conditions exist, the lifting eye should be removed from service and destroyed.

In addition, the receiving hole should be carefully cleaned and inspected for worn threads or other thread deterioration prior to each insertion of the lifting eye.

Any lifting eye should be removed from service and destroyed when the manufacturer's identifying marks are no longer readily identifiable to guarantee proper reference for continued safe usage.

How To Destroy

Lifting eyes that are being replaced should be rendered unusable. Crushing or cutting across the eye is recommended.

Always wear eye protection when near tools in use.

Measuring Tapes
Flange Jacks
Inspection and Retrieving Tools
Screw Extractors
Feeler Gauges
Hacksaws
Knives
Multi-Purpose Tools

SAFETY
Cam-activated lock and oversized locking slide hold tape firmly in extended position

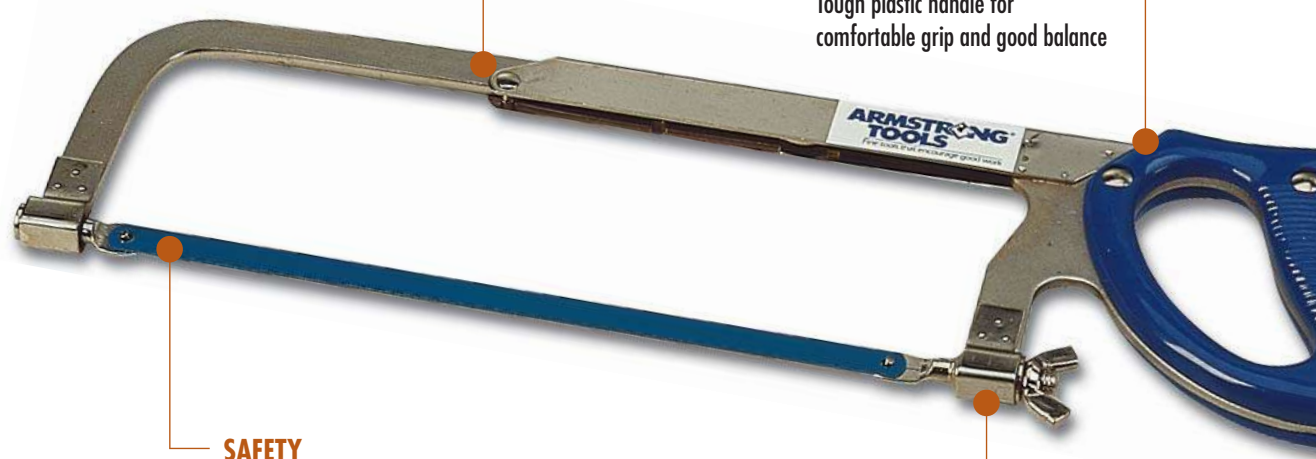


STRENGTH
Stainless steel blade protector reduces blade breakage

SPEED
Self-retracting blade has convenient black stud markings every 16 inches, and is graduated in 1/32" for first six inches; 1/16" thereafter

ACCESS
Adjustable frame for use with 10" or 12" blade

SAFETY
Tough plastic handle for comfortable grip and good balance



SAFETY
Up to 35,000 PSI can be applied to blade

ACCESS
Blade can be adjusted to cut at four different angles



Auto-Return, Locking Tape

Product Number	Blade Width, Inches	Blade Length, Feet	Weight, lbs.
68-433	1/2	12.000	0.48



Auto-Return, Locking Tape

The most popular style. Features a cam-activated lock and oversized locking slide to hold tape firmly in extended position. Special stainless steel blade protector reduces blade breakage by up to 85%. Case is chrome plated, with a spring steel belt clip. Yellow blade has convenient black stud markings every 16 inches, and is graduated in 1/32" for first six inches; 1/16" thereafter.

Product Number	Blade Width, Inches	Blade Length, Feet	Weight, lbs.
68-445	1	25.000	0.90



Flange Jacks

For separating flanges without disassembly of pipe lines when gaskets are to be replaced. Flange Jacks exert tremendous pressure smoothly and evenly, with no shock along the pipe line. Flanges are separated quickly and held in perfect alignment. Flange jacks must be used in pairs for even distribution of pressure.

	Cap., Standard Raised Face Flanges, Inches				Wt.	
Product Number	125 Lb. Cast Iron	150 Lb. Steel	250 Lb. Cast Iron	300 Lb. Steel	Per Pair, lbs.	Screw Length
73-305	2 - 20	2 - 20	1 - 12	3/4 - 12	13.00	6.750
73-310	16 - 48	18 - 24	12 - 30	12 - 24	45.00	10.500

Always wear eye protection when near tools in use.

Inspection Mirrors



Telescoping, oval shaped mirror. Perfect for inspecting hidden areas. Mirror swivels to almost any position.

Product Number	Mirror Shape	Mirror Size, Inches	Length, Inches	Weight, lbs.
70-920	Oval	1.000 x 2.000	5 - 17*	0.44

*Has telescoping handle. Minimum and maximum lengths are listed.

Inspection Mirrors



Designed for all types of inspection work where direct sight lines are obstructed. Each features an all-angle ball joint for greater versatility.

Product Number	Mirror Shape	Mirror Size, Inches	Length, Inches	Weight, lbs.
70-921	Circular	0.875	7.500	0.08
70-923	Oval	1.000 x 2.000	8.500	0.08
70-925	Circular	2.250	10.000 - 14.000*	0.25
70-927	Circular	1.250	8.000	0.08
70-929	Rectangular	2.125 x 3.500	11.250 - 15.500*	0.32

*Has telescoping handle. Minimum and maximum lengths are listed.

Fed'l Spec. GGG-M-350a

Magnetic Retrieving Tools Chrome Plated, Cushion Grip



Magnetic tips and all-angle ball joints make these tools versatile and great time-savers. There's no longer any need to struggle with pliers or magnetized screwdrivers when small parts fall into machines or other inaccessible places. 70-933 has telescoping handle. Pulling power - 2.00 lbs.

Product Number	Length, Inches	Weight, lbs.
70-933	16.750 - 26.750	0.40
70-935	8.500	0.08

Flexible Spring Claw



Designed to position or retrieve small objects. Spring-loaded plunger opens jaws at end of flexible casing. When plunger is released, jaws grip object with surprising strength.

Product Number	Length, Inches	Weight, lbs.
70-943	23.500	0.26

Fed'l Spec. GGG-F-360b

Screw Extractors

Style preferred by industry since straight, tapering flutes grip more securely than spiral styles, and they won't bind in the screw or cause it to spread against the hole. Can be used for either right or left-handed screws, bolts or studs.

Product Number	For use on Screw sizes	For use on Pipe Sizes	Size of small End, Inches	Size of Shank, Inches	Length, Inches	Use drill Size, Inches	Min depth of Hole, Inches	Weight, lbs.
70-950	#12 to 5/16	--	0.125	0.188	2.313	0.125	0.375	0.02
70-952	5/16 to 3/8	--	0.172	0.188	2.375	0.188	0.500	0.02
70-954	7/16 to 1/2	1/8	0.203	0.250	2.875	0.234	0.500	0.04
70-956	1/2 to 9/16	1/4	0.297	0.313	3.000	0.313	0.500	0.06
70-958	9/16 to 5/8	3/8	0.344	0.375	3.250	0.375	0.625	0.11
70-960	5/8 to 3/4	--	0.422	0.438	3.875	0.469	0.688	0.24
70-962	3/4 to 1	1/2	0.500	0.500	4.500	0.563	0.688	0.27
70-964	1 to 1-1/8	1/2	0.594	0.625	4.875	0.656	0.750	0.43
70-966	1-1/8 to 1-3/8	3/4	0.719	0.750	5.375	0.813	0.750	0.71

Fed'l Spec. GGG-E-936b



Set 70-970
Screw Extractor Set

Contents: 5 Screw Extractors in Vinyl Roll 29-418. Approximate Weight, 0.31 lbs.

Product Number	For Screw Sizes, Inches
70-950	#12 - 5/16
70-952	5/16 - 3/8
70-954	7/16 - 1/2

Product Number	For Screw Sizes, Inches
70-956	1/2 - 9/16
70-958	9/16 - 5/8

Always wear eye protection when near tools in use.

Set 70-801
Combination Gauge Set

Total of 22 Flat Blades. 10 Flat Blades, 3" x 1/2", in following thicknesses: .002, .003, .004, .005, .006, .007, .008, .010, .013, and .015. 12 Flat Blades, 1-3/4" x 1/4" in following thicknesses: .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .022, and .025. Weight, 0.10 lbs.



Set 70-803
Piston Gauge Set

8 Flat Blades, 9" x 1/2", in following thicknesses: .002, .003, .004, .005, .006, .008, .010, and .015. Weight, 0.15 lbs.



Set 70-807
Universal O.H.V. Feeler Gauge Set

16 Blades with 45° Offset, 3-5/16" x 1/2", in following thicknesses: .009, .010, .011, .014, .015, .016, .017, .018, .019, .020, .021, .023, .024, .025, .026, and .027. Weight, 0.20 lbs.



Set 70-811
Bent Feeler Gauge Set

11 Blades with 45° Offset, 4-3/16" x 1/2", in following thicknesses: .006, .008, .010, .011, .012, .013, .014, .015, .018, .019, and .020. Weight, 0.13 lbs.



Set 70-790
Feeler Gauge Set

32 Blades. Feeler gauge includes one brass blade to use with electronic ignitions. Measures clearances from .0015" to 0.035". Weight, 0.44 lbs.





Set 70-815
Master Go-No-Go Gauge Set

22 Step-Ground, Go-No-Go Blades, 3-5/16" x 1/2" in following thicknesses: .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, and .025-.027. Weight, 0.19 lbs.



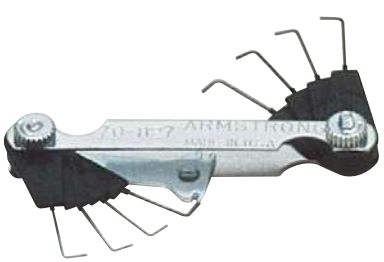
Set 70-817
Long Blade Gauge Set

12 Flat Blades, 12" x 1/2", in following thicknesses: .0015, .002, .003, .004, .005, .006, .008, .010, .012, .014, .015 and .020. Weight, 0.31 lbs.



Set 70-819
Long Blade Gauge Set

25 Flat Blades, 12" x 1/2", in following thicknesses: .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .025, .027, .030, and .040. Weight, 0.74 lbs.



Set 70-827
Spark Plug Wire Gauge Set

9 Wires, Bent 90° and 1 Electrode Bending Tool. In following thicknesses: .020, .025, .028, .030, .032, .034, .035, .038, and .040. Weight, 0.06 lbs.

Always wear eye protection when near tools in use.

Flat Frame Hacksaw

Made from selected steel and furnished with one carbon steel blade. Adjustable frame can be used with blades of 10" or 12" long. Can be adjusted to cut at four different angles. Tough plastic handles are designed to provide comfortable grip and good balance.

Product Number	Extreme Length, Inches	Height, Inches	Weight, lbs.
70-865	17.750	3.750	1.75

Fed'l Spec. GGG-F-671



Quick Saw with Blades

Sturdy screwdriver type handle for a secure grip. Knob easily tightens and loosens around the blade.

Product Number	Length, Inches	Weight, lbs.
70-030	12.000	0.75



Quick Saw Handle*

Handle for use with hacksaw blades. Sturdy screwdriver type handle for a secure grip. Knob easily tightens and loosens around the blade.

Product Number	Length, Inches	Weight, lbs.
70-046	6.000	0.50

*Blades not included



Utility Knife

Cast metal case with 4-position blade control. Extra blades are stored in case. Heavy duty replacement blades fit all standard knives by most manufacturers.

Product Number	Length, Inches	Weight, lbs.
68-310	6.000	0.27

Fed'l Spec. GGG-K-494b



Replacement Blades*

Product Number	Weight, lbs.
68-312	0.04

*Sold in packages of 5 only.



Putty Knife

Soft grip handle with stainless steel blade ground to peak performance. Soft grip provides comfortable grip.

Product Number	Length, Inches	Weight, lbs.
70-976	8.000	0.50





5" Lockback Knife

5" Heavy duty lockback with brass bolsters and wood inlay handle. 4" Locking blade is 420 stainless steel sharpened to a razor's edge.

Product Number	Closed Position, Overall Length, Inches	Weight, lbs.
74-551	5.000	0.69



3" Lockback Knife

3" Lockback featuring a 2-1/4" blade with brass bolsters and wood inlay handle. Stainless steel blade locks open to prevent accidental closing.

Product Number	Closed Position, Overall Length, Inches	Weight, lbs.
74-552	3.000	0.19

Always wear eye protection when near tools in use.

Electrician's Knife

Three-blade electrician spear blade. Combination screwdriver, insulation cutter and wire stripper, plus stripping pruning blade.

Product Number	Closed Position, Overall Length, Inches	Weight, lbs.
74-553	3.750	0.38



Coping Knife

3-1/4" Single coping/sheepfoot serrated blade.

Product Number	Closed Position, Overall Length, Inches	Weight, lbs.
74-554	3.500	0.13



Pruning Knife

4-1/2" Pruning knife with large hawk bill blade.

Product Number	Closed Position, Overall Length, Inches	Weight, lbs.
74-555	4.500	0.25





3" Lockback Knife

3" Stainless steel feather light lockback with a brushed finished 400 grade metal handle.

Product Number	Closed Position, Overall Length, Inches	Weight, lbs.
74-558	2.500	0.13



Multi-Purpose Tool

17-function multitool featuring blunt nose pliers, grippers and cutters with saw, fine and coarse file, serrated rope blade, clip blade can opener, cap lifter, SAE and metric ruler. Includes large and small slotted and Phillips bits, and 1/4" adapter to with sockets.

Product Number	Closed Position, Overall Length, Inches	Weight, lbs.
74-556	6.500	0.69



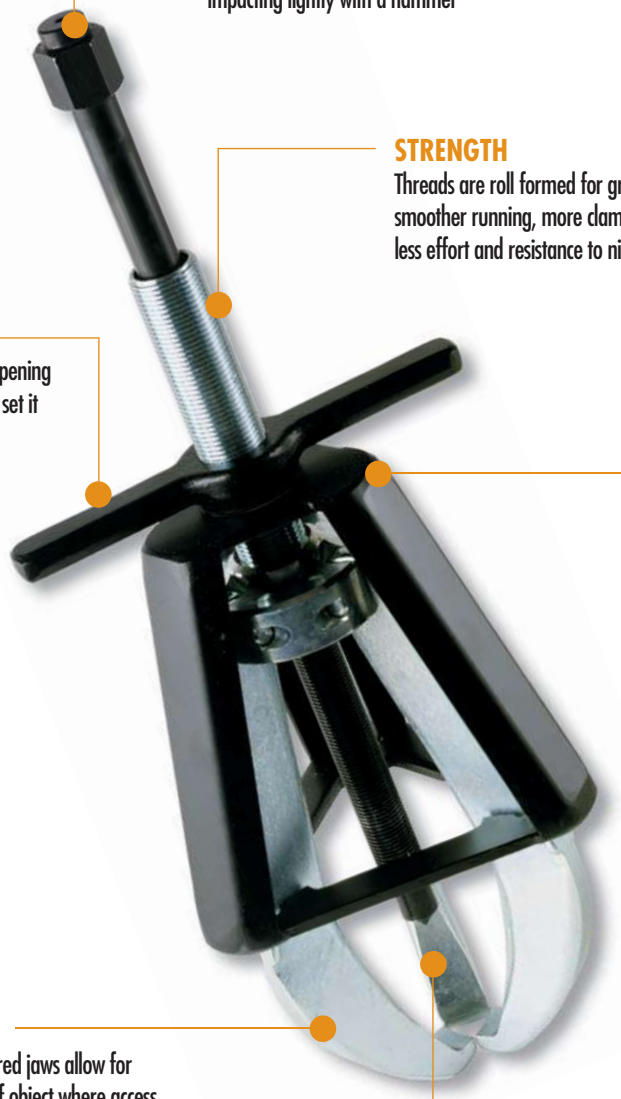
Multi-Purpose Minitool

16-function minitool featuring a clip blade, tweezers, nail file, scissors, ruler, bottle opener, cap lift, slotted and Phillips screwdriver, and 3 hex head wrench openings.

Product Number	Closed Position, Overall Length, Inches	Weight, lbs.
74-557	4.000	0.13

Always wear eye protection when near tools in use.

Internal Pullers
External Pullers
Combination Pullers
Press Pullers
Reversible Pullers
Cross Arm Pullers
Harmonic Pullers
Bearing Separators
Posi-Lock Pullers



STRENGTH
Forcing screw is recessed to avoid distortion when occasionally impacting lightly with a hammer

STRENGTH
Threads are roll formed for greater strength, smoother running, more clamping force, with less effort and resistance to nicks

SAFETY
T-handle locks jaw opening precisely where you set it

SAFETY
Cage guides for fast set up, while preventing jaws from spreading or slipping off workpiece

ACCESS
Slim, tapered jaws allow for gripping of object where access to a confined area is a problem

STRENGTH
Tip is heat-treated for long life

HOW TO CHOOSE A PULLER

It's important when buying a puller to consider three basic specifications:

REACH

Reach is the distance from the base of the hub to the flats of the jaws. This must be greater than the distance from the end of the shaft to behind the gear or wheel to be pulled. Maximum Reach is always specified.

SPREAD

Spread is the distance between the puller's jaws and must be greater than the diameter of the wheel or gear being pulled. Minimum and maximum spread is noted in each table.

CAPACITY

Capacity is the amount of force each puller is capable of exerting safely without damaging either the puller or the gear. The diameter of the forcing screw should equal at least one half the diameter of the shaft on which it will be used.



Set 72-498
Multi-purpose Puller Set

This assortment of puller tools gives you a wide range of job versatility. You get a 5 lb. slide hammer puller, hub puller, two sizes of jaw-type pullers, a bearing pulling attachment, plus a cross-bar gear and pulley puller, all contained in a handy plastic storage case.

Weight, 44.00 lbs.

Includes:

72-486	Slide Hammer Puller with 5 lb. hammer, 2-way and 3-way heads. Reversible: either two or three jaws may be used to handle both “inside” and “outside” pulling jobs.
2300-75	Front hub puller for servicing front drive cars.
71-401	2-ton combination 2- or 3-jaw puller. Has 3-3/8" max. reach, 4-3/4" max. spread.
71-403	5-ton combination 2- or 3-jaw puller. Has 5-1/2" max. reach, 7" max. spread.
72-460	Bar-type gear and pulley puller with 5-1/2" long screw. Includes two hex head cap screws, 3/8"–16 x 3" long. Spread range: 1-1/2" to 4-1/4".
72-452	Bearing pulling attachment for use with No. 1027 and No. 7393 pullers. Has 2" max spread, 1/8" min. spread.



Set 72-499
13 Ton Capacity Puller Set

This versatile 13-ton capacity puller set removes gears, bearings, shafts, pinions, bearing outer races, and other tightly fitted parts. The set includes a push-puller, pullers, bearing pulling attachments, specialized pullers, and many accessories. You can work on all makes and models of cars and light trucks.

Weight, 45.00 lbs.

Includes:

72-461	Push-Puller w/ 6-3/4" legs	2291	Steering wheel puller
72-471	15-3/4" legs for 927 (pr.)	72-487	Pilot bearing puller
71-431	2-jaw puller, 2 Ton	72-485	Slide hammer puller
71-435	2-jaw puller, 5 Ton	2289	Pitman arm puller
71-437	2-jaw puller, 7 Ton	72-451	Bearing splitter
72-423	2-jaw puller, 13 Ton	72-452	Bearing splitter
72-460	Gear and pulley puller	72-453	Bearing splitter
2286	Flange-type puller		



Set 71-390
Posilock Puller Set

Contents: 3 Pullers and interchangeable accessories.

Approximate weight, 18.26 lbs.

Includes:

3-Arm Posilock Puller
0 to 5" Spread, 4" Reach, 5-Ton

3-Arm Internal Bearing Puller
9/16" to 4" Spread, 3" Reach

Accessories
Slide Rod
2.5 lb Hammer
Set of 3 Long Jaws, 13" Reach

Always wear eye protection when near tools in use.

Set 72-497
10-Ton Slide Hammer Puller Set

Ten-way slide hammer puller set.

Weight, 20.65 lbs.

Includes:

72-490 Slide hammer w/5 lb. hammer with 2 and 3 way puller head
2300-71 Rear axle pulling attachment
24544A 3-way cross-head
24545A Adjusting cone
27241A 2-way cross-block
72-492 Puller hook attachment
34698A Pulling jaws (3) for internal or external pulling jobs
72-454 Grip wrench adapter w/single lead (wrench not included)
205399A Dent puller attachment
44148A Internal/external pulling jaws (3), 61/2"
32054A Internal puller jaws (3), 23/8"
2300-75 Front hub puller assembly
309321A Forcing screw
215895A Sleeve



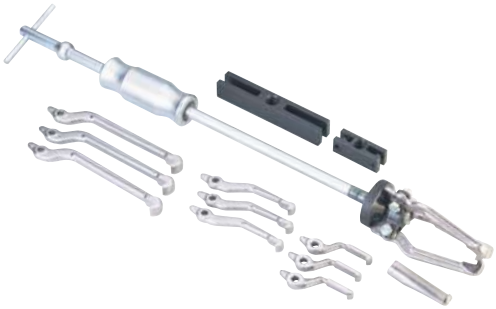
Set 72-495
Slide Hammer Puller Set

This useful set contains No. 1176 reversible-jaw slide hammer puller, plus an assortment of special jaws and adapters. You get all the versatility of the No. 1176 (described fully on page 177), plus attachments for pulling various size pilot bearings, oil seals, bushings, timing gears, harmonic balancers, and other tightly fitted parts!

Weight, 9.88 lbs.

Includes:

72-485 Reversible-jaw slide hammer puller with 2-1/2 lb. hammer
44195A Medium jaw (3 incl.)
32054A Pilot bearing jaw (3 incl.)
44148A Long jaw (3 incl.)
72-452 Puller hook. Removes oil seals, bearings, etc.
27241A 2-way cross head
36578A Cross block. Removes timing gears, harmonic balancers, pulleys, other parts having tapped holes. Uses cap screws up to 3/8" diameter. Spread with 3/8" dia. cap screws: 1-7/8" – 5-5/8".



2-Jaw Spread

	Inside		Outside	
Tool No.	Min.	Max.	Min.	Max.
44195A	1-1/4"	4-1/2"	3/4"	5"
32054A	3/4"	2-3/8"	–	–
44148A	2-3/4"	5-1/2"	3/4"	5"
34698A	1-1/4"	3-1/2"	1"	5"

3-Jaw Spread

	Inside		Outside	
Tool No.	Min.	Max.	Min.	Max.
44195A	1-1/2"	4-3/4"	1"	4-1/2"
32054A	1"	2-3/4"	–	–
44148A	3-1/4"	6-1/4"	1"	6-1/4"
34698A	1-1/2"	4-1/4"	1-1/2"	4-1/2"



Set 72-496
Blind Hole Puller Set

This set provides a complete selection of expanding collets ranging in size from 5/16" to 3/4". Collet is placed through bore of part to be removed, then expanded with actuator pin so that lips of collet secure a positive grip for pulling. Force is exerted by means of a forcing screw and bridge assembly or a slide hammer. Individual pieces can be ordered separately.

Weight, 20.51 lbs.

Includes:

24835A	Forcing screw	Collet	5/8" to 3/4"
24836A	Forcing screw nut	Collet	3/4" to 7/8"
72-491	2-1/2 lb. hammer	Collet	7/8" to 1"
208627A	Shank and tee bar ass'y.	Collet	1" to 1-1/4"
	Collet 5/16" to 3/8"	Collet	1-1/4" to 1-1/2"
	Collet 3/8" to 7/16"	Collet	1-1/2" to 1-3/4"
	Collet 7/16" to 1/2"	72-493	Bridge Slide Hammer
	Collet 1/2" to 5/8"		



Set 72-442
Cone Puller Set

Components can be assembled to create several versatile puller versions for both internal and external pulling tasks. The puller head is turned to securely lock the jaws onto the part being removed. Both a 2-way and 3-way puller head are included, plus three long-reach and three short-reach puller jaws. Plastic storage box included. Easily removes gears, bearings, timing gears, harmonic balancers, and other press-fitted parts.

Weight, 5.09 lbs.



Set 72-458
Bearing Splitter Combo Pack

This combo pack contains four of Armstrong's most popular bearing splitters, plus a pulley pulling attachment. A rugged organizer case is included, enabling you to keep the tools together for instant use.

Weight, 30.31 lbs.

Includes:

72-451	Bearing splitter. Has 15/16" max. spread and 1/4" min. spread.
72-452	Bearing splitter. Has 2" max. spread and 1/8" min. spread.
72-453	Bearing splitter. Has 4-5/8" max. spread and 1/2" min. spread.
72-456	Bearing splitter. Has 9" max. spread and 1/2" min. spread.
72-457	Pulley pulling attachment with a 5-7/8" max. and 1-3/4" min. spread

Always wear eye protection when near tools in use.

2-Ton Standard Jaw Pullers

Tool No.	MAX. (in.) Reach	Spread	Screw Size	JAW (in.) Thickness	Width	Capacity Style and Weight, lbs.
71-431	3.250	4.000	3/8–24 x 4-7/8	Upper 3/16 Lower 1/8	Upper 1/4 Lower 1/2	2-ton, 2-Jaw; 0.88 (Reversible Jaws)
71-401	3.250	4.750	3/8–24 x 4-7/8	Upper 3/16 Lower 1/8	Upper 1/4 Lower 1/2	2-ton, 2/3-Jaw; 1.31 (Reversible Jaws)



5-Ton Standard Jaw Pullers

Tool No.	MAX. (in.) Reach	Spread	Screw Size	JAW (in.) Thickness	Width	Capacity Style and Weight, lbs.
71-435	3.250	6.000	9/16–20 x 6-15/16	Upper 5/16 Lower 1/4	Upper 3/8 Lower 3/4	5-Ton, 2-Jaw; 1.75 (Reversible Jaws
71-403	3.250	7.000	9/16–20 x 6-15/16	Upper 5/16 Lower 1/4	Upper 3/8 Lower 3/4	5-Ton, 2/3-Jaw; 2.75 (Reversible Jaws)



7-Ton Standard Jaw Pullers

Tool No.	MAX. (in.) Reach	Spread	Screw Size	JAW (in.) Thickness	Width	Capacity Style and Weight, lbs.
71-437	5.000	9.000	11/16–18 x 9	Upper 5/1 Lower 11/32	Upper 1 Lower 1	7-Ton, 2-Jaw; 4.85 (Reversible Jaws)
71-405	5.000	10.500	11/16–18 x 9	Upper 5/16 Lower 11/32	Upper 1 Lower 1	7-Ton, 2/3-Jaw; 6.13 (Rev. Jaws)
72-422	8.750	9.500	11/1"–18 x 9	11/32	1	7-Ton, Long 2-Jaw; 5.31
72-432	8.750	11.000	11/16–18 x 9	11/32	1	7-Ton, Long 2/3-Jaw; 8.04





13-Ton Standard Jaw Pullers

Tool No.	MAX. (in.) Reach	Spread	Screw Size	JAW (in.) Thickness	Width	Capacity Style and Weight, lbs.
72-423	11.000	12.000	13/16–16 x 12	9/16	1	13-Ton, 2-Jaw; 10.60
72-433	11.000	12.000	13/16–16 x 12	9/16	1	13-Ton, 2/3-Jaw; 31.19
72-424	15.250	15.500	13/16–16 x 12	9/16	1	13-Ton, Long 2-Jaw; 20.51
72-434	15.250	17.000	13/16–16 x 12	9/1	1	13-Ton, Long 2/3-Jaw; 18.78



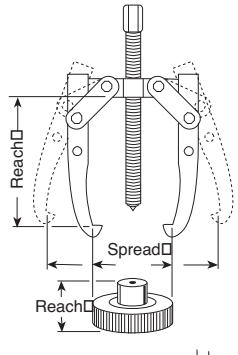
17-1/2"-Ton Standard Jaw Pullers

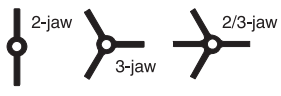
Tool No.	MAX. (in.) Reach	Spread	Screw Size	JAW (in.) Thickness	Width	Capacity Style and Weight, lbs.
72-425	14.500	14.000	1–14 x 13-1/2	13/16	1-9/32	17-1/2-Ton, 2-Jaw; 30.00
72-435	14.500	14.000	1–14 x 13-1/2"	13/16	1-9/32	17-1/2-Ton, 3-Jaw; 33.00
72-426	18.750	16.000	1–14 x 13-1/2"	13/16	1-9/32	17-1/2-Ton, Long 2-Jaw; 25.02
72-436	18.750	16.000	1–14 x 13-1/2"	13/16	1-9/32	17-1/2-Ton, Long 3-Jaw; 49.00



25-Ton Standard Jaw Pullers

Tool No.	MAX. (in.) Reach	Spread	Screw Size	JAW (in.) Thickness	Width	Capacity Style and Weight, lbs.
72-427	15.500	18.000	11/4–12 x 16-5/8	1-1/16	1-1/2	25-Ton, 2-Jaw; 35.44
72-437	15.500	18.000	11/4–12 x 16-5/8	1-1/16	1-1/2	25-Ton, 3-Jaw; 49.46
72-428	22.250	20.000	11/4–12 x 16-5/8	1-1/16	1-1/2	25-Ton, Long 2-Jaw; 40.96





Always wear eye protection when near tools in use.

3-Arm Posilock Pullers

Posilock Pullers feature self-aligning jaws. Set up is quick, accurate, and easy for one person. Turning the T-Handle locks the jaws in place so they can't fall off.

Product Number	Max. Spread, Inches	Max. Reach, Inches	Screw, Diameter	Capacity, Lbs.	Weight, Lbs.
POL104	0.500 - 5.000	4.000	9/16	5,000	7.47
POL106	0.500 - 7.000	6.000	5/8	20,000	8.11
POL108	0.750 - 12.000	8.000	3/4	34,000	14.23
POL110	1.000 - 15.000	10.000	3/4	40,000	17.03
POL113	2.500 - 18.000	13.000	1-1/8	60,000	47.38
POL116	3.000 - 25.000	16.000	1-1/4	80,000	68.00

Fed'l Spec. GGG-P-781d



Push-Pullers

No. 72-461 – 10-Ton Capacity Can be used with No. 72-453 bearing pulling attachment or No. 72-457 pulley pulling attachment. May also be used with Nos. 72-478, or 72-479 internal pulling attachments.

No. 72-462 – 17½-Ton Capacity Can be used with Nos. 72-454 and 72-456 bearing pulling attachments or Nos. 72-459 pulley pulling attachments. May also be used with Nos. 72-478, 72-479, or 72-480 internal pulling attachment.

No. 72-463 – 30-Ton Capacity Can be used with Nos. 72-455 bearing pulling attachments. Can be used with No. 72-480 internal pulling attachment.



Tool No.	MAX. Reach	MAX. Spread	Screw Size	Notes / Weight
72-461	8-1/4"	2-1/8" – 7-1/4"	3/4"–16 x 12"	1/2" of forcing screw tip end is threaded 5/8"–18. No. 72-470 legs Wt., 6.95 lbs.

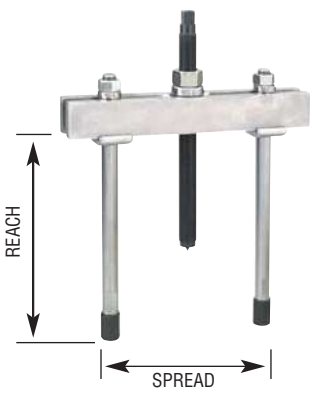
Extra Legs (pair) for No. 72-461 Push-Puller (Reach equals leg length plus 1-1/2" with leg end caps.)

Tool No.	Leg Length & Wt.	
72-471	15-3/4" 3.08 lbs.	

Tool No.				
72-462	11-1/2"	3-1/8"–11-3/4"	1"–14 x 13-1/4"	Leg ends threaded 5/8"–18. No. 72-470 legs Wt., 20.14 lbs.

Extra Legs (pair) for No. 72-462 Push-Puller (Reach equals leg length plus 2" with leg end caps.)

Tool No.	Leg Length & Wt.	Tool No.	Leg Length & Wt.
72-472	4-1/2" 2.59 lbs.	**72-475**	22-1/2" 8.74 lbs.
72-473	9-1/2" 4.33 lbs.		
72-474	16-1/2" 6.71 lbs.		

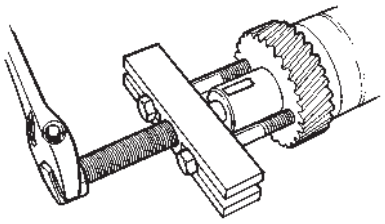


Tool No.				
72-463	10-1/2"	7"–16-1/4"	1-1/2"–12 x 17-1/4"	Leg ends threaded 1"–14. No. 72-476 legs Wt., 44 lbs.

Extra Legs (pair) for No. 72-463 Push-Puller (Reach equals leg length plus 2-5/8" with leg end caps.)

Tool No.	Leg Length & Wt.	Tool No.	Leg Length & Wt.
72-476	18" 15.11 lbs.	**72-477**	28" 22.11 lbs.





Set 72-460
Gear and Pulley Puller

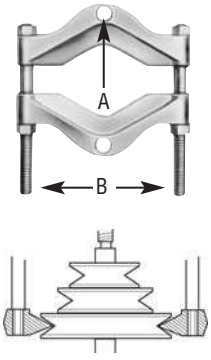
Puller with standard 5-1/2" forcing screw, plus special 13" forcing screw. Includes two hex head cap screws, 3/8" - 16 x 3" long. Special range: 1-1/2" to 4-1/4". Wt., 1.64 lbs.



Cone-type Puller

Reversible jaws permit handling of both internal and external pulling jobs. The 2-way/3-way head permits assembly of puller to suit the job at hand. Turning the cone on the puller head securely locks jaws on part to be removed.

Tool No.	Reach	2-Jaw Spread (in.) Inside Min.	Inside Max.	Outside Min.	Outside Max.	3-Jaw Spread (in.) Inside Min.	Inside Max.	Outside Min.	Outside Max.	Weight, lbs.
72-441	2.875	1.500	4.500	0.750	5.000	1.500	4.750	1.000	4.500	2.37



A= Thread of tapped hole in adapter.
B= Distance between adjusting screws.

Pulley Pulling Attachments

Attachment clamps down into V-groove to distribute load.

Tool No.	MAX. Spread (in.)	MIN. Spread (in.)	A (in.)	B (in.)	Weight, lbs.	Application/Use with puller Numbers
72-457	5.875	1.750	0.625-18.000	6.000	4.26	71-405, 71-437, 72-422, 72-461



Internal Pulling Attachments

Approved by leading bearing manufacturers, our internal pulling attachments remove bearing cups, oil seals, bushings, and other parts from blind holes quickly and easily. Each attachment is designed for use with a corresponding Push-Puller or slide hammer assembly.

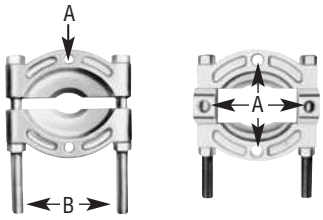
Tool No.	JAW (in.) Spread	Spread	A (in.)	B (in.)	Weight, lbs.	Application
72-478	1.500–5.000	2.125	1.000–14.000	0.625–18.000	4.87	Use with No. 72-461 and 72-462 Push-Pullers,
72-479	1.500–6.000	4.000	1.000–14.000	0.625–18.000	4.87	72-490 and 72-491 slide hammer pullers.
72-480	3.000–9.000	5.875	1.500–1.000	1.000–14.000	13.43	Use with No. 72-463 Push-Puller.

Always wear eye protection when near tools in use.

Bearing Splitters

These versatile accessories feature "knife-like" edges which are easily placed behind the part to secure a gripping surface, even when clearances are extremely limited. Puller jaws grip attachment's outer edge; when used with a Push-Puller, puller legs are threaded into the attachment's two tapped holes.





Tool No.	MAX. Spread (in.)	MIN. Spread (in.)	A (in.)	B (in.)	Weight, lbs.	Application/Use with puller Numbers
72-451	0.938	0.250	0.313–18.000	11.063	0.77	72-421, 71-431, 71-401
72-452	2.000	0.125	0.375–16.000	2.438	1.61	71-435, 71-434, 71-404, 72-460
72-453	4.625	0.500	0.625–18.000	4.375	5.64	72-422, 71-405, 72-432, 72-461, 72-462
72-454	5.750	0.500	0.625–18.000	6.000	12.56	71-437, 72-424, 72-433, 72-434, 72-461, 72-462
72-455	8.000	0.625	1.000–17.000	8.000	19.82	72-425, 72-427, 72-467
72-456	9.000	0.500	5/8"–18.000	6.000	12.7	71-437, 72-424, 72-433, 72-434, 72-462

Reversible-Jaw Slide Hammer Pullers



Here are two extremely versatile pullers which will accomplish many pulling jobs involving gears, bearings, outer races, grease retainers, oil seals, etc. Either two or three puller jaws may be used to handle "inside" pulling jobs such as bearing cups and outer races, as well as regular "outside" pulling jobs. In addition to these uses, the basic slide hammer unit can be removed and used independently. The No. 72-486 slide hammer puller has a 5 lb. hammer, and the No. 72-485 has a 2-1⁄2 lb. hammer.

No. 72-485 – Puller with 2-1/2 lb. hammer, 2-way and 3-way head, 27" long. Wt., 6.36 lbs.

No. 72-486 – Same as 72-485, except has 5 lb. hammer. Wt., 8.84 lbs.

2-Jaw Spread (in.)				3-Jaw Spread (in.)				
Inside		Outside		Inside		Outside		Overall
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Length
1.250	3.500	1.000	4.500	1.500	4.250	1.500	4.500	27.000

Basic Slide Hammer Units



May be used with an internal pulling attachment or with female or male-female threaded adapters

No. 72-490 – Basic slide hammer unit is 24" long with 5 lb. hammer and 5⁄8"–18 threaded end. Wt., 7.47 lbs.

No. 72-491 – Basic slide hammer unit is 24" long with 2-1⁄2 lb. hammer and 5⁄8"–18 threaded end. Wt., 4.90 lbs.

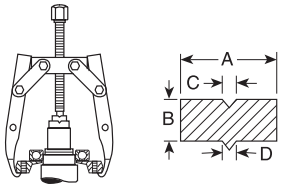
Pilot Bearing Pullers



These very versatile pullers are built specially for inside pulling jobs, and particularly for removing flywheel pilot bearings on automobiles, trucks, and tractors. Also very practical for pulling motor, generator, and magneto bearings.

		I.D. Spread		
Tool No.	Reach (in.)	Min. (in.)	Max. (in.)	Weight, lbs.
72-487	0.750	0.500	1.500	3.85
72-488	1.000	0.875	2.125	3.85





Shaft Protector Set

Designed to protect shaft centers from distortion when extreme pressures are applied.

No. 72-506 - Shaft protector set. Weight, 1.23 lbs.

Shaft protectors are available separately.

Tool No.	A (in.)	B (in.)	C (in.)	D (in.)
72-500	1.500	0.750	0.375	0.438
72-501	1.250	0.750	0.375	0.375
72-504	0.625	0.625	0.250	0.250
72-505	0.625	0.625	0.188	0.188



Locking Plier Adapter

For grip wrenches using single or double lead thread adjusting screw. Adapter threads onto slide hammer with 5/8"–18 thread. Grip wrench threads onto 7/16"–14 end of adapter for pulling use.

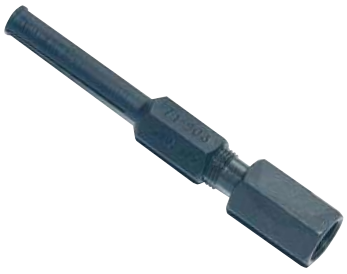
No. 72-494 – Grip wrench adapter with single lead thread. Wt., 0.52 lbs.



Puller Hook

Used with any slide hammer with 5/8-18 threaded shaft for removing oil seals, bearings, bearing races, etc. Wt., 0.21 lbs.

No. 72-492 – Puller Hook



Collets with Pins for Blind Hole Pullers

Product Number	Min. Spread, Inches	Reach, Inches	Weight Lbs.
71-921	0.313	1.750	0.15
71-922	0.375	1.750	0.19
71-923	0.438	2.000	0.23
71-924	0.500	2.000	0.26
71-925	0.625	2.500	0.33
71-926	0.750	2.500	0.40
71-927	0.875	2.500	0.53
71-928	1.000	4.000	1.02
71-929	1.250	4.000	1.53
71-930	1.500	4.000	1.63

Fed'l Spec. GGG-P-781d

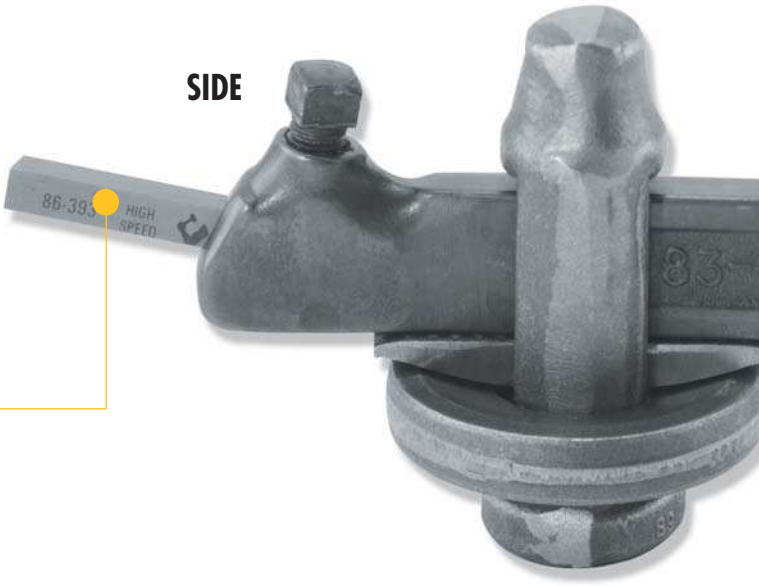
Always wear eye protection when near tools in use.

T-Slot Bolts
Nuts and Washers
Set-up Wedges
Cutting Tools

CUTTING TOOLS FOR MACHINE SHOP USE



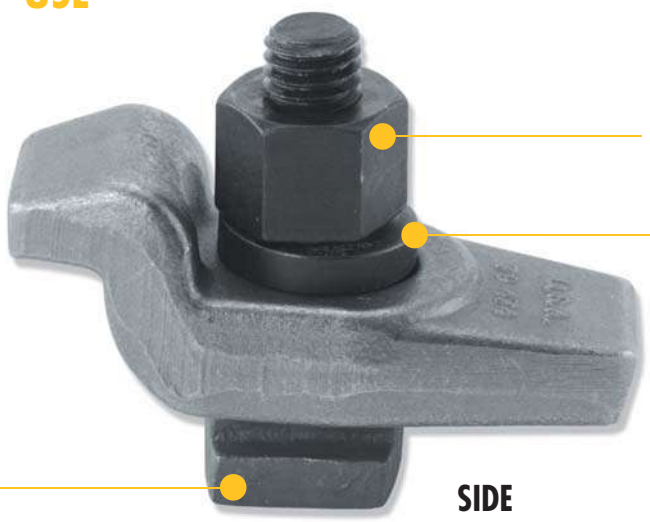
FRONT



SIDE

Cutting Tools

WORK HOLDING TOOLS MACHINE SHOP USE



Nut

Washer

T-Slot Bolt

SIDE

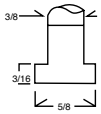
T-Slot Bolts, Carbon Steel, Black Finish

Forged T-Slot Bolts are used for setting up work on planers, shapers, milling machines, and other machine tools equipped with T-slot tables. Will fit T-slot without machining and cannot turn or break out of table slots. Available in Unified National Coarse, U.N.C. thread only.



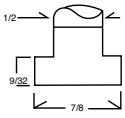
T-Slot Bolts, 3/8" T-Slot Size

Product Number	Weight, lbs.	Length Under Head, Inches
79-551	0.04	1.000
79-555	0.06	1.500
79-559	0.08	2.000
79-561	0.09	2.500
79-565	0.11	3.000
79-569	0.14	4.000



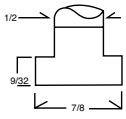
T-Slot Bolts, 1/2" T-Slot Size

Product Number	Weight, lbs.	Length Under Head, Inches
79-587	0.15	1.500
79-591	0.16	2.000
79-595	0.18	2.500
79-599	0.21	3.000
79-601	0.24	3.500
79-603	0.26	4.000
79-605	0.29	4.500
79-607	0.31	5.000
79-611	0.36	6.000



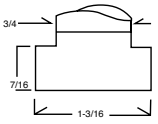
T-Slot Bolts, 5/8" T-Slot Size

Product Number	Weight, lbs.	Length Under Head, Inches
79-627	0.24	1.500
79-631	0.28	2.000
79-635	0.31	2.500
79-639	0.35	3.000
79-641	0.39	3.500
79-643	0.45	4.000
79-645	0.48	4.500
79-647	0.53	5.000
79-649	0.56	5.500
79-651	0.61	6.000
79-653	0.71	7.000
79-655	0.77	8.000
79-659	0.95	10.000



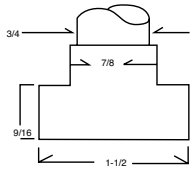
T-Slot Bolts, 3/4" T-Slot Size

Product Number	Weight, lbs.	Length Under Head, Inches
79-679	0.52	2.500
79-683	0.57	3.000
79-685	0.63	3.500
79-687	0.68	4.000
79-689	0.75	4.500
79-691	0.82	5.000
79-693	0.87	5.500
79-695	0.95	6.000
79-697	1.04	7.000
79-699	1.16	8.000
79-703	1.43	10.000



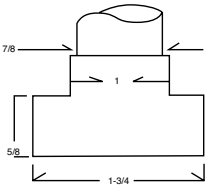
T-Slot Bolts 7/8" T-Slot Size, 3/4" Diameter Bolt

Product Number	Weight, lbs.	Length Under Head, Inches
79-727	0.89	4.000
79-729	0.96	4.500
79-731	1.01	5.000
79-735	1.14	6.000
79-739	1.38	8.000
79-743	1.65	10.000



T-Slot Bolts 1" T-Slot Size, 7/8" Diameter Bolt

Product Number	Weight, lbs.	Length Under Head, Inches
79-757	1.09	3.000
79-759	1.27	4.000
79-761	1.44	5.000
79-763	1.59	6.000
79-765	1.78	7.000
79-767	1.96	8.000
79-771	2.28	10.000



Always wear eye protection when near tools in use.

T-Slot Nuts

For use with threaded studs on machine tools equipped with slotted tables. Forged nuts will fit T-slots without machining, and duplicate dimensions of T-Slot Bolts. Available in Unified National Coarse, U.N.C. thread only.



Product Number	T-Slot Size, Inches	U.S. Standard Thread	Weight, Pounds
79-825	0.625	1/2" - 13 mm	0.17
79-827	0.750	5/8" - 11 mm	0.28
79-829	0.875	3/4" - 10 mm	0.39
79-831	1.000	7/8" - 9 mm	0.57

Hex Nuts

For use with T-Slot Bolts. Heat treated for added strength. Available in Unified National Coarse, U.N.C. thread only.



Product Number	Bolt Dia., Inches	Across Flats, Inches	Thickness, Inches	Weight, lbs.
79-841	0.375	0.687	0.500	0.04
79-843	0.500	0.875	0.625	0.08
79-845	0.625	1.062	0.750	0.15
79-847	0.750	1.250	0.875	0.24
79-849	0.875	1.437	1.000	0.35

Washers

For use with T-Slot Bolts, Washers are heavy and extra thick. Heat treated for added strength.



Product Number	Bolt Dia., Inches	I.D., Inches	O.D., Inches	Thickness, Inches	Weight, lbs.
79-859	0.375	0.437	0.812	0.187	0.02
79-861	0.500	0.562	1.000	0.187	0.03
79-863	0.625	0.718	1.250	0.250	0.06
79-865	0.750	0.843	1.500	0.250	0.08
79-867	0.875	0.968	1.750	0.250	0.12

Set-Up Wedges



Product Number	Length, Inches	Width, Inches	Maximum Thickness, Inches	Weight, lbs.
79-493	3.000	1.000	0.250	0.11
79-495	5.000	1.000	0.500	0.31
79-496	6.000	1.250	0.750	0.68



High Speed Steel Ground Tool Bits and Cut-Off Blades

Available in two versatile grades of High Speed Steel, M-2 and M-34, bits and blades are ground on all sides and ready for use. Packaged for convenient handling. Each tool is clearly marked with size and product number.

Steel Analysis M-2 Tungsten Moly High Speed Steel

Carbon, .84%; Manganese, .25%; Silicon, .30%; Tungsten, 6.40%; Chromium, 4.15%; Vanadium, 1.90%; Molybdenum, 5.00%.

M-34 Cobalt High Speed Steel

Carbon, .90%; Manganese, .30%; Silicon, .30%; Tungsten, 1.55%; Chromium, 3.75%; Vanadium, 2.00%; Molybdenum, 8.70%; Cobalt, 8.00%.

Square Tool Bits, M-2 H.S.S.

Ends Beveled 10°

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-001	0.187	2.000	0.02
86-003	0.250	2.500	0.04
86-005	0.312	2.500	0.07
86-007	0.375	3.000	0.12
86-011	0.500	4.000	0.29
86-013	0.625	4.500	0.51

Fed'l Spec. OO-C-581a

Square Tool Bits, M-34 H.S.S.

Ends Beveled 10°

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-041	0.187	2.000	0.02
86-043	0.250	2.500	0.04
86-045	0.312	2.500	0.07
86-047	0.375	3.000	0.12
86-051	0.500	4.000	0.29
86-053	0.625	4.500	0.51
86-055	0.750	5.000	0.82

Fed'l Spec. OO-C-581a



Cut-Off Blades, M-2 H.S.S.

For Straight and Right-Hand Tools—Ends Beveled

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-257	0.093 x 0.500	4.500	0.05
86-259	0.093 x 0.625	5.000	0.07
86-261	0.125 x 0.750	5.000	0.12
86-263	0.125 x 0.875	6.000	0.16
86-265	0.187 x 1.000	6.500	0.28

Fed'l Spec. OO-C-581a

Always wear eye protection when near tools in use.

Cut-Off Blades, M-34 H.S.S.

For Straight and Right-Hand Tools—Ends Beveled

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-291	0.093 x 0.500	4.500	0.05
86-293	0.093 x 0.625	5.000	0.07
86-295	0.125 x 0.750	5.000	0.12
86-297	0.125 x 0.875	6.000	0.16
86-299	0.187 x 1.00	6.500	0.28

Fed'l Spec. OO-C-581a



High Speed Steel Unground Tool Bits and Cut-Off Blades

Made from M-2 High Speed Steel and carefully hardened, these tool bits and blades are ready for finish grinding.



Square Tool Bits For Turning Tools

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-391	0.187	2.000	0.02
86-393	0.250	2.500	0.05
86-395	0.312	2.500	0.07
86-397	0.375	3.000	0.12
86-399	0.437	3.500	0.19
86-401	0.500	4.000	0.29

Fed'l Spec. OO-C-581a

Square Tool Bits For Boring Tools

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-421	0.187	1.250	0.01
86-423	0.250	1.750	0.03
86-425	0.312	2.250	0.06
86-427	0.375	2.625	0.11

Fed'l Spec. OO-C-581a

Cut-Off Blades For Straight and Right-Hand Tools

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-471	0.093 x 0.500	4.500	0.04
86-473	0.093 x 0.625	5.000	0.07
86-475	0.125 x 0.750	5.000	0.12
86-477	0.125 x 0.875	6.000	0.17
86-479	0.187 x 1.000	6.500	0.28

Fed'l Spec. OO-C-581a





High Speed Steel Ground to Form Tool Bits, Left-Hand Turning Tool

Made from M-2 High Speed Steel and carefully heat treated, these tool bits are ground to ten popular, versatile shapes and ready for use.

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-531	0.250	2.500	0.04
86-559	0.312	2.500	0.07
86-583	0.375	3.000	0.12



High Speed Steel Ground to Form Tool Bits, Round Nose Turning Tool

Made from M-2 High Speed Steel and carefully heat treated, these tool bits are ground to ten popular, versatile shapes and ready for use.

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-533	0.250	2.500	0.04
86-561	0.312	2.500	0.07
86-585	0.375	3.000	0.12



High Speed Steel Ground to Form Tool Bits, Right-Hand Turning Tool

Made from M-2 High Speed Steel and carefully heat treated, these tool bits are ground to ten popular, versatile shapes and ready for use.

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-537	0.250	2.500	0.04
86-563	0.312	2.500	0.07
86-587	0.375	3.000	0.12



High Speed Steel Ground to Form Tool Bits, Left-Hand Corner Tool

Made from M-2 High Speed Steel and carefully heat treated, these tool bits are ground to ten popular, versatile shapes and ready for use.

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-539	0.250	2.500	0.04
86-565	0.312	2.500	0.07
86-589	0.375	3.000	0.12

Always wear eye protection when near tools in use.

High Speed Steel Ground to Form Tool Bits, Threading Tool

Made from M-2 High Speed Steel and carefully heat treated, these tool bits are ground to ten popular, versatile shapes and ready for use.

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-541	0.250	2.500	0.04
86-567	0.312	2.500	0.07
86-591	0.375	3.000	0.12



High Speed Steel Ground to Form Tool Bits, Right-Hand Corner Tool

Made from M-2 High Speed Steel and carefully heat treated, these tool bits are ground to ten popular, versatile shapes and ready for use.

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-543	0.250	2.500	0.04
86-569	0.312	2.500	0.07
86-593	0.375	3.000	0.12



High Speed Steel Ground to Form Tool Bits, Left-Hand Side Tool

Made from M-2 High Speed Steel and carefully heat treated, these tool bits are ground to ten popular, versatile shapes and ready for use.

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-545	0.250	2.500	0.04
86-571	0.312	2.500	0.07
86-595	0.375	3.000	0.12





High Speed Steel Ground to Form Tool Bits, Square Nose Tool

Made from M-2 High Speed Steel and carefully heat treated, these tool bits are ground to ten popular, versatile shapes and ready for use.

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-547	0.250	2.500	0.04
86-573	0.312	2.500	0.07
86-597	0.375	3.000	0.12



High Speed Steel Ground to Form Tool Bits, Right-Hand Side Tool

Made from M-2 High Speed Steel and carefully heat treated, these tool bits are ground to ten popular, versatile shapes and ready for use.

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-549	0.250	2.500	0.04
86-575	0.312	2.500	0.07
86-599	0.375	3.000	0.12



High Speed Steel Ground to Form Tool Bits, Brass Tool

Made from M-2 High Speed Steel and carefully heat treated, these tool bits are ground to ten popular, versatile shapes and ready for use.

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-551	0.250	2.500	0.04
86-577	0.312	2.500	0.07
86-601	0.312	3.000	0.12

Always wear eye protection when near tools in use.

Set 86-605
Ground to Form Tool Bit Set

Contents: One each of all ten 1/4" bits from previous page.
In cardboard box. Approximate weight, 0.41 lbs.

Set 86-607
Ground to Form Tool Bit Set

Contents: One each of all ten 5/16" bits from previous page.
In cardboard box. Approximate weight, 0.65 lbs.

Set 86-608
Ground to Form Tool Bit Set

Contents: One each of all ten 3/8" bits from previous page.
In cardboard box. Approximate Weight, 1.12 lbs.

Armaloy Ground Tool Bits and Cut-Off Blades

Made from cast alloy steel, these bits and blades have a hardness between that of High Speed Steels and sintered Carbides. Ideal for either rough or finish cuts on steel, malleable iron, cast iron, non-ferrous metals, rubber, and plastics. Bits are furnished ready for grinding to final cutter shape; blades are bevelled, ground to shape and ready for use.

Steel Analysis:
45-50% Cobalt, 27-32% Chromium, 14-19% Tungsten, 2-4% Carbon, 2-7% Tantalum, 1-3% Manganese, 2-5% Iron.

Square Armaloy Tool Bits

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-651	0.250	2.125	0.04
86-653	0.312	2.500	0.08
86-655	0.312	3.000	0.13
86-659	0.500	4.000	0.31



Armaloy Cut-Off Blades

Product Number	Size, Inches	Length, Inches	Weight, lbs.
86-681	0.125 x 0.750	6.000	0.13
86-683	0.125 x 0.875	6.000	0.15
86-685	0.187 x 1.000	6.000	0.28



Armide Sintered Carbide, or Gray Red Enamel Shanks Armide Carbide-Tipped Cutters

Armide is a sintered carbide material with a hardness approaching that of the diamond. It easily machines the toughest steels and castings and can be used also for hard rubber, plastics, and even glass.

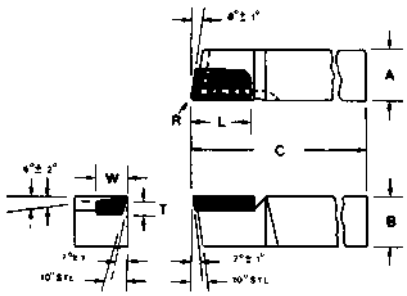
Since cutters will hold their edge far longer than even the finest tool steels, they will machine from ten to 100 times as many pieces before they require regrinding.

Can be used in Armstrong Carbide Tool Holders and Quick Change Tool Holders, as well as other tool holding systems. Available in two popular grades, as described below.

Grade A7-For light roughing and general finishing of steel. Red enamel shanks.

Grade A5-For heavy roughing of steel. Red enamel shanks.





Style AL, Grade A7—Straight Turning Tools

For Turning, Facing, Boring, Chamfering

Product Number	Size, Key	Shank Dimensions (in) A	B	C	Nose Radius (in)	Blank Dimensions (in) T	W	L	Weight, lbs.
87-401	4	0.250	0.250	2.000	0.015	0.093	0.187	0.312	0.03
87-402	5	0.312	0.312	2.250	0.015	0.093	0.250	0.500	0.06
87-403	6	0.375	0.375	2.500	0.015	0.093	0.250	0.500	0.09
87-404	7	0.437	0.437	3.000	0.031	0.093	0.250	0.500	0.15
87-405	8	0.500	0.500	3.500	0.031	0.125	0.312	0.625	0.23

Fed'l Spec. OO-C-845

Style AR, Grade A7—Straight Turning Tools

For Turning, Facing, Boring, Chamfering

Product Number	Size, Key	Shank Dimensions (in) A	B	C	Nose Radius (in)	Blank Dimensions (in) T	W	L	Weight, lbs.
87-421	4	0.250	0.250	2.000	0.015	0.093	0.187	0.312	0.03
87-422	5	0.312	0.312	2.250	0.015	0.093	0.250	0.500	0.06
87-423	6	0.375	0.375	2.500	0.015	0.093	0.250	0.500	0.09
87-424	7	0.437	0.437	3.000	0.015	0.093	0.250	0.500	0.15
87-425	8	0.500	0.500	3.500	0.031	0.125	0.312	0.625	0.23

Fed'l Spec. OO-C-845

Style AL, Grade A5—Straight Turning Tools

For Turning, Facing, Boring, Chamfering

Product Number	Size, Key	Shank Dimensions (in) A	B	C	Nose Radius (in)	Blank Dimensions (in) T	W	L	Weight, lbs.
87-601	4	0.250	0.250	2.000	0.015	0.093	0.187	0.312	0.03
87-602	5	0.312	0.312	2.250	0.015	0.093	0.250	0.500	0.06
87-603	6	0.375	0.375	2.500	0.015	0.093	0.250	0.500	0.09
87-605	8	0.500	0.500	3.500	0.031	0.125	0.312	0.625	0.23

Fed'l Spec. OO-C-845

Style AR, Grade A5—Straight Turning Tools

For Turning, Facing, Boring, Chamfering

Product Number	Size, Key	Shank Dimensions (in) A	B	C	Nose Radius (in)	Blank Dimensions (in) T	W	L	Weight, lbs.
87-621	4	0.250	0.250	2.000	0.015	0.093	0.187	0.312	0.03
87-622	5	0.312	0.312	2.250	0.015	0.093	0.250	0.500	0.06
87-623	6	0.375	0.375	2.500	0.015	0.093	0.250	0.500	0.09
87-624	7	0.437	0.437	3.000	0.031	0.093	0.250	0.500	0.15
87-625	8	0.500	0.500	3.500	0.031	0.125	0.312	0.625	0.23

Fed'l Spec. OO-C-845

Always wear eye protection when near tools in use.

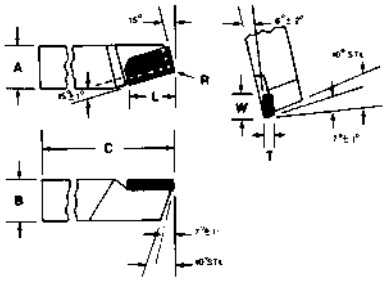
Style BL, Grade A7—Lead Angle Turning Tools

For Turning, Light Planing, Facing, Boring, Milling

Product Number	Size, Key	Shank Dimensions (in) A	B	C	Nose Radius (in)	Blank Dimensions (in) T	W	L	Weight, lbs.
87-441	4	0.250	0.250	2.000	0.015	0.093	0.187	0.312	0.03
87-442	5	0.312	0.312	2.250	0.015	0.093	0.250	0.500	0.06
87-443	6	0.375	0.375	2.500	0.015	0.093	0.250	0.500	0.09
87-444	7	0.437	0.437	3.000	0.031	0.093	0.250	0.500	0.15

Fed'l Spec. OO-C-845





Style BR, Grade A7—Lead Angle Turning Tools

For Turning, Light Planing, Facing, Boring, Milling

Product Number	Size, Key	Shank Dimensions (in) A	B	C	Nose Radius (in)	Blank Dimensions (in) T	W	L	Weight, lbs.
87-461	4	0.250	0.250	2.000	0.015	0.093	0.187	0.312	0.03
87-462	5	0.312	0.312	2.250	0.015	0.093	0.187	0.500	0.06
87-463	6	0.375	0.375	2.500	0.015	0.093	0.187	0.500	0.09
87-464	7	0.437	0.437	3.000	0.031	0.093	0.187	0.500	0.15
87-465	8	0.500	0.500	3.500	0.031	0.125	0.312	0.625	0.22

Fed'l Spec. OO-C-845

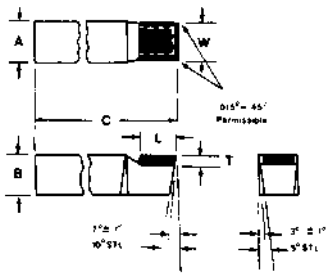
Style C, Grade A7—Square Nose Tools

For Forming, Grooving, Turning, Chamfering, Facing

Product Number	Size, Key	Shank Dimensions (in) A	B	C	Blank Dimensions (in) T	W	L	Weight, lbs.
87-491	4	0.250	0.250	2.000	0.062	0.250	0.312	0.04
87-492	5	0.312	0.312	2.250	0.093	0.312	0.312	0.06
87-493	6	0.375	0.375	2.500	0.093	0.312	0.312	0.10

Fed'l Spec. OO-C-845





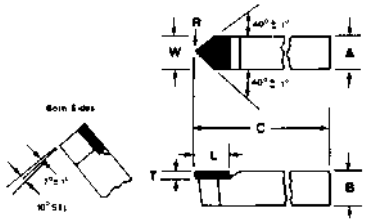
Style D, Grade A7—Point Nose, 80° Included Angle

For Light Turning, Undercutting, Boring, Chamfering

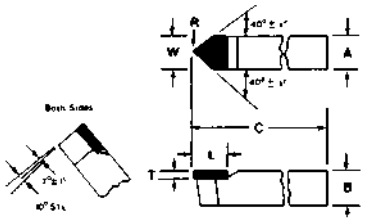
Product Number	Size, Key	Shank Dimensions (in) A	B	C	Nose Radius (in)	Blank Dimensions (in) T	W	L	Weight, lbs.
87-521	4	0.250	0.250	2.000	0.015	0.015	0.240	0.312	0.04
87-522	5	0.312	0.312	2.250	0.015	0.093	0.302	0.375	0.06
87-523	6	0.375	0.375	2.500	0.015	0.093	0.365	0.500	0.10

Fed'l Spec. OO-C-845









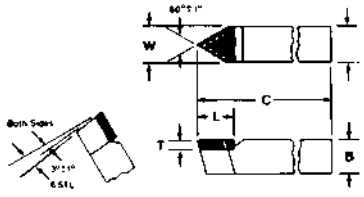
Style D, Grade A5—Point Nose, 80° Included Angle

For Light Turning, Undercutting, Boring, Chamfering

Product Number	Size, Key	Shank Dimensions (in) A	B	C	Nose Radius (in)	Blank Dimensions (in) T	W	L	Weight, lbs.
87-721	4	0.250	0.250	2.000	0.015	0.062	0.240	0.312	0.04
87-722	5	0.312	0.312	2.250	0.015	0.093	0.302	0.375	0.06
87-723	6	0.375	0.375	2.500	0.015	0.093	0.365	0.500	0.10
87-724	7	0.437	0.437	3.000	0.031	0.093	0.427	0.500	0.15
87-725	8	0.500	0.500	3.500	0.031	0.125	0.490	0.500	0.25
87-727	10	0.625	0.625	4.000	0.031	0.156	0.615	0.625	0.45

Fed'l Spec. OO-C-845





Style E, Grade A7—Neutral 60° Threading Tools

For American Standard Threading

Product Number	Size, Key	Shank Dimensions (in) A	B	C	Blank Dimensions (in) T	W	L	Weight, lbs.
87-551	4	0.250	0.250	2.000	0.062	0.240	0.312	0.04
87-552	5	0.312	0.312	2.250	0.093	0.302	0.375	0.06
87-553	6	0.375	0.375	2.500	0.093	0.365	0.500	0.10

Fed'l Spec. OO-C-845

Style E, Grade A5—Neutral 60° Threading Tools

For American Standard Threading

Product Number	Size, Key	Shank Dimensions (in) A	B	C	Blank Dimensions (in) T	W	L	Weight, lbs.
87-751	4	0.250	0.250	2.000	0.062	0.240	0.312	0.04
87-752	5	0.312	0.312	2.250	0.093	0.302	0.375	0.06
87-753	6	0.375	0.375	2.500	0.093	0.365	0.500	0.10
87-755	8	0.500	0.500	3.500	0.125	0.490	0.562	0.25

Fed'l Spec. OO-C-845

Always wear eye protection when near tools in use.

NOTES:

ARMSTRONG INDUSTRIAL HAND TOOLS

Master Set Contents

Set 15-001 1195 Pc. Ultimate Master Set - Tools

10-004 SKT 1/4DR 6PT 1/8
10-005 SKT 1/4DR 6PT 5/32
10-006 SKT 1/4DR 6PT 3/16
10-007 SKT 1/4DR 6PT 7/32
10-008 SKT 1/4DR 6PT 1/4
10-009 SKT 1/4DR 6PT 9/32
10-010 SKT 1/4DR 6PT 5/16
10-011 SKT 1/4DR 6PT 11/32
10-012 SKT 1/4DR 6PT 3/8
10-014 SKT 1/4DR 6PT 7/16
10-016 SKT 1/4DR 6PT 1/2
10-018 SKT 1/4DR 6PT 9/16
10-204 SKT 1/4DR 6PT 1/8 DP
10-205 SKT 1/4DR 6PT 5/32 DP
10-206 SKT 1/4DR 6PT 3/16 DP
10-207 SKT 1/4DR 6PT 7/32 DP
10-208 SKT 1/4DR 6PT 1/4 DP
10-209 SKT 1/4DR 6PT 9/32 DP
10-210 SKT 1/4DR 6PT 5/16 DP
10-211 SKT 1/4DR 6PT 11/32 DP
10-212 SKT 1/4DR 6PT 3/8 DP
10-214 SKT 1/4DR 6PT 7/16 DP
10-216 SKT 1/4DR 6PT 1/2 DP
10-218 SKT 1/4DR 6PT 9/16 DP
10-408 SKT 1/4DR 4PT 1/4
10-410 SKT 1/4DR 8PT 5/16
10-412 SKT 1/4DR 8PT 3/8
10-705 SKT 1/4 DR HEX BIT 5/64
10-706 SKT 1/4 DR HEX BIT 3/32
10-707 SKT 1/4 DR HEX BIT 7/64
10-708 SKT 1/4 DR HEX BIT 1/8
10-709 SKT 1/4 DR HEX BIT 9/64
10-710 SKT 1/4 DR HEX BIT 5/32
10-711 SKT 1/4 DR HEX BIT 3/16
10-712 SKT 1/4 DR HEX BIT 7/32
10-713 SKT 1/4 DR HEX BIT 1/4
10-714 SKT 1/4 DR HEX BIT 5/16
10-745 SKT 1/4DR HEX BIT 5/64 LNG
10-746 SKT 1/4DR HEX BIT 3/32 LNG
10-747 SKT 1/4DR HEX BIT 7/64 LNG
10-748 SKT 1/4DR HEX BIT 1/8 LNG
10-749 SKT 1/4DR HEX BIT 9/64 LNG
10-750 SKT 1/4DR HEX BIT 5/32 LNG
10-751 SKT 1/4DR HEX BIT 3/16 LNG
10-752 SKT 1/4DR HEX BIT 7/32 LNG
10-753 SKT 1/4DR HEX BIT 1/4 LNG
10-754 SKT 1/4DR HEX BIT 5/16 LNG
10-801 SKT 1/4DR SLT BIT 3/16
10-802 SKT 1/4DR SLT BIT 1/4
10-821 SKT 1/4DR PHLP BIT #1
10-822 SKT 1/4DR PHLP BIT #2
10-823 SKT 1/4DR PHLP BIT #3
10-870 SKT 1/4DR TRX BIT T10
10-872 SKT 1/4DR TRX BIT T15
10-874 SKT 1/4DR TRX BIT T20
10-876 SKT 1/4DR TRX BIT T25
10-878 SKT 1/4DR TRX BIT T27
10-880 SKT 1/4DR TRX BIT T30
10-918 HDL FLX 1/4DR 5-3/4
10-921 EXTEN 1/4DR 2
10-922 EXTEN 1/4DR 4
10-923 EXTEN 1/4DR 6
10-925 EXTEN 1/4DR 14
10-929 EXTEN 1/4DR FLX 6
10-931 ADP 1/4DR LCK 1-5/8
10-935 HDL SPD 1/4DR 15-3/4
10-938 HDL T 1/4DR 4-1/2
10-943 HDL SPIN 1/4DR 6
10-945 RAT SPIN 1/4DR
10-947 UNV JNT 1/4DR
10-972 RAT 1/4DR 5-9/32 REPL 10-903
67-410 10" LOCKING PLIER
67-460 10" LOCKING PLIER
11-008 SKT 3/8DR 6PT 1/4
11-010 SKT 3/8DR 6PT 5/16
11-011 SKT 3/8DR 6PT 11/32
11-012 SKT 3/8DR 6PT 3/8
11-014 SKT 3/8DR 6PT 7/16
11-016 SKT 3/8DR 6PT 1/2
11-018 SKT 3/8DR 6PT 9/16
11-020 SKT 3/8DR 6PT 5/8
11-022 SKT 3/8DR 6PT 11/16
11-024 SKT 3/8DR 6PT 3/4
11-026 SKT 3/8DR 6PT 13/16
11-028 SKT 3/8DR 6PT 7/8
11-108 SKT 3/8DR 12PT 1/4
11-110 SKT 3/8DR 12PT 5/16
11-112 SKT 3/8DR 12PT 3/8
11-114 SKT 3/8DR 12PT 7/16
11-116 SKT 3/8DR 12PT 1/2
11-118 SKT 3/8DR 12PT 9/16
11-120 SKT 3/8DR 12PT 5/8
11-122 SKT 3/8DR 12PT 11/16
11-124 SKT 3/8DR 12PT 3/4
11-126 SKT 3/8DR 12PT 13/16
11-128 SKT 3/8DR 12PT 7/8
11-130 SKT 3/8DR 12PT 15/16
11-132 SKT 3/8DR 12PT 1
11-208 SKT 3/8DR 6PT 1/4 DP
11-210 SKT 3/8DR 6PT 5/16 DP
11-211 SKT 3/8DR 6PT 11/32 DP
11-212 SKT 3/8DR 6PT 3/8 DP
11-214 SKT 3/8DR 6PT 7/16 DP
11-216 SKT 3/8DR 6PT 1/2 DP
11-218 SKT 3/8DR 6PT 9/16 DP
11-220 SKT 3/8DR 6PT 5/8 DP
11-222 SKT 3/8DR 6PT 11/16 DP
11-224 SKT 3/8DR 6PT 3/4 DP
11-226 SKT 3/8DR 6PT 13/16 DP
11-228 SKT 3/8DR 6PT 7/8 DP
11-308 SKT 3/8DR 12PT 1/4 DP
11-310 SKT 3/8DR 12PT 5/16 DP
11-312 SKT 3/8DR 12PT 3/8 DP
11-314 SKT 3/8DR 12PT 7/16 DP
11-316 SKT 3/8DR 12PT 1/2 DP
11-318 SKT 3/8DR 12PT 9/16 DP
11-320 SKT 3/8DR 12PT 5/8 DP
11-322 SKT 3/8DR 12PT 11/16 DP
11-324 SKT 3/8DR 12PT 3/4 DP
11-326 SKT 3/8DR 12PT 13/16 DP
11-328 SKT 3/8DR 12PT 7/8 DP
11-330 SKT 3/8DR 12PT 15/16 DP
11-332 SKT 3/8DR 12PT 1 DP
11-408 SKT 3/8DR 8PT 1/4
11-410 SKT 3/8DR 8PT 5/16
11-412 SKT 3/8DR 8PT 3/8
11-414 SKT 3/8DR 8PT 7/16
11-416 SKT 3/8DR 8PT 1/2
11-512 SKT 3/8DR UNV 12PT 3/8
11-514 SKT 3/8DR UNV 12PT 7/16
11-516 SKT 3/8DR UNV 12PT 1/2
11-518 SKT 3/8DR UNV 12PT 9/16
11-520 SKT 3/8DR UNV 12PT 5/8
11-522 SKT 3/8DR UNV 12PT 11/16
11-524 SKT 3/8DR UNV 12PT 3/4
11-708 SKT 3/8DR HEX BIT 1/8
11-710 SKT 3/8DR HEX BIT 5/32
11-711 SKT 3/8DR HEX BIT 3/16
11-712 SKT 3/8DR HEX BIT 7/32
11-713 SKT 3/8DR HEX BIT 1/4
11-714 SKT 3/8DR HEX BIT 5/16
11-715 SKT 3/8DR HEX BIT 3/8
11-748 SKT 3/8DR HEX BIT 1/8 LNG
11-750 SKT 3/8DR HEX BIT 5/32 LNG
11-751 SKT 3/8DR HEX BIT 3/16 LNG
11-752 SKT 3/8DR HEX BIT 7/32 LNG
11-753 SKT 3/8DR HEX BIT 1/4 LNG
11-754 SKT 3/8DR HEX BIT 5/16 LNG
11-755 SKT 3/8DR HEX BIT 3/8 LNG
11-802 SKT 3/8DR SLT BIT 1/4
11-803 SKT 3/8DR SLT BIT 5/16
11-805 SKT 3/8DR SLT BIT 3/8
11-821 SKT 3/8DR PHLP BIT #1
11-822 SKT 3/8DR PHLP BIT #2
11-825 SKT 3/8DR PHLP BIT #3
11-828 SKT 3/8DR PHLP BIT #4
11-842 WR 3/8DR CRFT FLR NUT 5/8
11-843 WR 3/8DR CRFT FLR NUT 11/16
11-844 WR 3/8DR CRFT FLR NUT 3/4
11-845 WR 3/8DR CRFT FLR NUT 13/16
11-846 WR 3/8DR CRFT FLR NUT 7/8
11-847 WR 3/8DR CRFT FLR NUT 15/16
11-848 WR 3/8DR CRFT FLR NUT 1
11-849 WR 3/8DR CRFT FLR NUT 1-1/16
11-850 WR 3/8DR CRFT 3/8
11-851 WR 3/8DR CRFT 7/16
11-852 WR 3/8DR CRFT 1/2
11-853 WR 3/8DR CRFT 9/16
11-854 WR 3/8DR CRFT 5/8
11-855 WR 3/8DR CRFT 11/16
11-856 WR 3/8DR CRFT 3/4
11-857 WR 3/8DR CRFT 13/16
11-858 WR 3/8DR CRFT 7/8
11-872 SKT 3/8DR TRX BIT T15
11-874 SKT 3/8DR TRX BIT T20
11-876 SKT 3/8DR TRX BIT T25
11-878 SKT 3/8DR TRX BIT T27
11-880 SKT 3/8DR TRX BIT T30
11-882 SKT 3/8DR TRX BIT T40
11-884 SKT 3/8DR TRX BIT T45
11-886 SKT 3/8DR TRX BIT T50
11-915 RAT 3/8DR RH 7-1/2
11-918 HDL FLX 3/8DR 8-1/2
11-922 EXTEN 3/8DR 3
11-923 EXTEN 3/8DR 6
11-925 EXTEN 3/8DR 8
11-927 EXTEN 3/8DR 12
11-928 EXTEN 3/8DR 20
11-929 EXTEN FLX 3/8DR 7-1/4
11-931 ADP 3/8DR LCK 2-1/8
11-935 HDL SPD 3/8DR 16-1/2
11-938 HDL T 3/8DR 8
11-943 HDL SPIN 3/8DR 6
11-944 ADP RAT 3/8DR
11-945 RAT SPIN 3/8DR
11-947 UNV JNT 3/8DR
11-951 ADP 3/8DR 3/8FX1/4M
11-972 RAT 3/8DR 7-3/8 REPL 11-903
11-973 RAT 3/8DR 10-1/2 REPL 11-904
11-974 RAT 3/8DR FLX 9-1/2
1140 IMPACT DRIVER SET
12-012 SKT 1/2DR 6PT 3/8
12-014 SKT 1/2DR 6PT 7/16
12-016 SKT 1/2DR 6PT 1/2
12-018 SKT 1/2DR 6PT 9/16
12-020 SKT 1/2DR 6PT 5/8
12-022 SKT 1/2DR 6PT 11/16
12-024 SKT 1/2DR 6PT 3/4
12-026 SKT 1/2DR 6PT 13/16
12-028 SKT 1/2DR 6PT 7/8
12-030 SKT 1/2DR 6PT 15/16
12-032 SKT 1/2DR 6PT 1
12-034 SKT 1/2DR 6PT 1-1/16
12-036 SKT 1/2DR 6PT 1-1/8
12-038 SKT 1/2DR 6PT 1-3/16
12-040 SKT 1/2DR 6PT 1-1/4
12-042 SKT 1/2DR 6PT 1-5/16
12-044 SKT 1/2DR 6PT 1-3/8
12-046 SKT 1/2DR 6PT 1-7/16
12-048 SKT 1/2DR 6PT 1-1/2
12-112 SKT 1/2DR 12PT 3/8
12-114 SKT 1/2DR 12PT 7/16
12-116 SKT 1/2DR 12PT 1/2
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12-119 SKT 1/2DR 12PT 19/32
12-120 SKT 1/2DR 12PT 5/8
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-125 SKT 1/2DR 12PT 25/32
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-134 SKT 1/2DR 12PT 1-1/16
12-136 SKT 1/2DR 12PT 1-1/8
12-138 SKT 1/2DR 12PT 1-3/16
12-140 SKT 1/2DR 12PT 1-1/4
12-142 SKT 1/2DR 12PT 1-5/16
12-144 SKT 1/2DR 12PT 1-3/8
12-146 SKT 1/2DR 12PT 1-7/16
12-148 SKT 1/2DR 12PT 1-1/2
12-212 SKT 1/2DR 6PT 3/8 DP
12-214 SKT 1/2DR 6PT 7/16 DP
12-216 SKT 1/2DR 6PT 1/2 DP
12-218 SKT 1/2DR 6PT 9/16 DP
12-220 SKT 1/2DR 6PT 5/8 DP
12-222 SKT 1/2DR 6PT 11/16 DP
12-224 SKT 1/2DR 6PT 3/4 DP
12-226 SKT 1/2DR 6PT 13/16 DP
12-228 SKT 1/2DR 6PT 7/8 DP
12-230 SKT 1/2DR 6PT 15/16 DP
12-232 SKT 1/2DR 6PT 1 DP
12-234 SKT 1/2DR 6PT 1-1/16 DP
12-236 SKT 1/2DR 6PT 1-1/8 DP
12-238 SKT 1/2DR 6PT 1-3/16 DP
12-240 SKT 1/2DR 6PT 1-1/4 DP
12-316 SKT 1/2DR 12PT 1/2 DP
12-318 SKT 1/2DR 12PT 9/16 DP
12-320 SKT 1/2DR 12PT 5/8 DP
12-322 SKT 1/2DR 12PT 11/16 DP
12-324 SKT 1/2DR 12PT 3/4 DP
12-326 SKT 1/2DR 12PT 13/16 DP
12-328 SKT 1/2DR 12PT 7/8 DP
12-330 SKT 1/2DR 12PT 15/16 DP
12-332 SKT 1/2DR 12PT 1 DP
12-334 SKT 1/2DR 12PT 1-1/16 DP
12-336 SKT 1/2DR 12PT 1-1/8 DP
12-340 SKT 1/2DR 12PT 1-1/4 DP
12-412 SKT 1/2DR 8PT 3/8
12-414 SKT 1/2DR 8PT 7/16
12-416 SKT 1/2DR 8PT 1/2
12-418 SKT 1/2DR 8PT 9/16
12-420 SKT 1/2DR 8PT 5/8
12-422 SKT 1/2DR 8PT 11/16
12-424 SKT 1/2DR 8PT 3/4
12-426 SKT 1/2DR 8PT 13/16
12-428 SKT 1/2DR 8PT 7/8
12-432 SKT 1/2DR 8PT 1
12-504 SKT 1/2DR SPARK PLUG
12-516 SKT 1/2DR UNV 12PT 1/2
12-518 SKT 1/2DR UNV 12PT 9/16
12-520 SKT 1/2DR UNV 12PT 5/8
12-522 SKT 1/2DR UNV 12PT 11/16
12-524 SKT 1/2DR UNV 12PT 3/4
12-713 SKT 1/2DR HEX BIT 1/4
12-714 SKT 1/2DR HEX BIT 5/16
12-715 SKT 1/2DR HEX BIT 3/8
12-716 SKT 1/2DR HEX BIT 7/16
12-717 SKT 1/2DR HEX BIT 1/2
12-718 SKT 1/2DR HEX BIT 9/16
12-719 SKT 1/2DR HEX BIT 5/8
12-753 SKT 1/2DR HEX BIT1/4 LNG
12-754 SKT 1/2DR HEX BIT 5/16 LNG
12-755 SKT 1/2DR HEX BIT 3/8 LNG
12-757 SKT 1/2DR HEX BIT 1/2 LNG
12-758 SKT 1/2DR HEX BIT 9/16 LNG
12-759 SKT 1/2DR HEX BIT 5/8 LNG
12-802 SKT 1/2DR SLT BIT 1/4
12-803 SKT 1/2DR SLT BIT 5/16
12-805 SKT 1/2DR SLT BIT 3/8
12-821 SKT 1/2DR PHLP BIT #1
12-822 SKT 1/2DR PHLP BIT #2
12-825 SKT 1/2DR PHLP BIT #3
12-828 SKT 1/2DR PHLP BIT #4
12-840 WR 1/2DR CRFT FLR NUT 1-1/8
12-841 WR 1/2DR CRFT FLR NUT 1-3/16
12-842 WR 1/2DR CRFT FLR NUT 1-1/4
12-843 WR 1/2DR CRFT FLR NUT 1-5/16
12-844 WR 1/2DR CRFT FLR NUT 1-3/8
12-845 WR 1/2DR CRFT FLR NUT 1-7/16
12-846 WR 1/2DR CRFT FLR NUT 1-1/2
12-847 WR 1/2DR CRFT FLR NUT 1-9/16
12-848 WR 1/2DR CRFT FLR NUT 1-5/8
12-849 WR 1/2DR CRFT FLR NUT 1-11/16
12-850 WR 1/2DR CRFT FLR NUT 1-3/4
12-851 WR 1/2DR CRFT FLR NUT 1-13/16
12-852 WR 1/2DR CRFT FLR NUT 1-7/8
12-853 WR 1/2DR CRFT FLR NUT 1-15/16
12-854 WR 1/2DR CRFT FLR NUT 2
12-859 WR 1/2DR CRFT 15/16
12-860 WR 1/2DR CRFT 1
12-861 WR 1/2DR CRFT 1-1/16
12-862 WR 1/2DR CRFT 1-1/8
12-863 WR 1/2DR CRFT 1-1/4
12-866 WR 1/2DR CRFT 1-7/16
12-867 WR 1/2DR CRFT 1-1/2
12-878 SKT 1/2DR TRX BIT T27
12-880 SKT 1/2DR TRX BIT T30
12-882 SKT 1/2DR TRX BIT T40
12-884 SKT 1/2DR TRX BIT T45
12-886 SKT 1/2DR TRX BIT T50
12-892 SKT 1/2DR DRAG LNK 7/64
12-893 SKT 1/2DR DRAG LNK 3/32
12-915 RAT 1/2DR RH 10-1/2
12-917 HDL FLX 1/2DR 12
12-918 HDL FLX 1/2DR 17
12-921 EXTEN 1/2DR 2-1/2
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-927 EXTEN 1/2DR 20
12-935 HDL SPD 1/2DR 19
12-938 HDL T 1/2DR 11
12-945 RAT SPIN 1/2DR
12-947 UNV JNT 1/2DR
12-948 STUD REMOV 1/2DR
12-951 ADP 1/2DR 1/2FX3/8M
12-972 RAT 1/2DR 10-1/2 REPL 12-903
12-973 RAT 1/2DR 15 REPL 12-904
12-974 RAT 1/2DR FLX 14-1/4
13-124 SKT 3/4DR 12PT 3/4
13-126 SKT 3/4DR 12PT 13/16
13-128 SKT 3/4DR 12PT 7/8
13-130 SKT 3/4DR 12PT 15/16
13-132 SKT 3/4DR 12PT 1
13-134 SKT 3/4DR 12PT 1-1/16
13-136 SKT 3/4DR 12PT 1-1/8
13-138 SKT 3/4DR 12PT 1-3/16
13-140 SKT 3/4DR 12PT 1-1/4
13-142 SKT 3/4DR 12PT 1-5/16
13-144 SKT 3/4DR 12PT 1-3/8
13-146 SKT 3/4DR 12PT 1-7/16
13-148 SKT 3/4DR 12PT 1-1/2
13-150 SKT 3/4DR 12PT 1-9/16
13-152 SKT 3/4DR 12PT 1-5/8
13-154 SKT 3/4DR 12PT 1-11/16
13-156 SKT 3/4DR 12PT 1-3/4
13-158 SKT 3/4DR 12PT 1-13/16
13-160 SKT 3/4DR 12PT 1-7/8
13-164 SKT 3/4DR 12PT 2
13-168 SKT 3/4DR 12PT 2-1/8
13-170 SKT 3/4DR 12PT 2-3/16
13-172 SKT 3/4DR 12PT 2-1/4
13-176 SKT 3/4DR 12PT 2-3/8
13-328 SKT 3/4DR 12PT 7/8 DP
13-330 SKT 3/4DR 12PT 15/16 DP
13-332 SKT 3/4DR 12PT 1 DP
13-334 SKT 3/4DR 12PT 1-1/16 DP
13-336 SKT 3/4DR 12PT 1-1/8 DP
13-340 SKT 3/4DR 12PT 1-1/4 DP
13-342 SKT 3/4DR 12PT 1-5/16 DP
13-344 SKT 3/4DR 12PT 1-3/8 DP
13-346 SKT 3/4DR 12PT 1-7/16 DP
13-348 SKT 3/4DR 12PT 1-1/2 DP
13-352 SKT 3/4DR 12PT 1-5/8 DP
13-918 HDL FLX 3/4DR 22
13-922 EXTEN 3/4DR 5
13-923 EXTEN 3/4DR 8
13-925 EXTEN 3/4DR 16
13-938 HDL T 3/4DR 17-1/2
13-947 UNV JNT 3/4DR
13-951 ADP 3/4DR 3/4FX1/2M
13-972 RAT 3/4DR 19
16-602 HAND BOX PLASTIC 20-3/4 X 13-1/2
19-562 SKT IMP 3/8DR UNV 6PT 3/8
19-564 SKT IMP 3/8DR UNV 6PT 7/16
19-566 SKT IMP 3/8DR UNV 6PT 1/2
19-568 SKT IMP 3/8DR UNV 6PT 9/16
19-570 SKT IMP 3/8DR UNV 6PT 5/8
19-572 SKT IMP 3/8DR UNV 6PT 11/16
19-574 SKT IMP 3/8DR UNV 6PT 3/4
19-608 SKT IMP 3/8DR 6PT 1/4
19-610 SKT IMP 3/8DR 6PT 5/16
19-612 SKT IMP 3/8DR 6PT 3/8
19-614 SKT IMP 3/8DR 6PT 7/16
19-616 SKT IMP 3/8DR 6PT 1/2
19-618 SKT IMP 3/8DR 6PT 9/16
19-620 SKT IMP 3/8DR 6PT 5/8
19-622 SKT IMP 3/8DR 6PT 11/16
19-624 SKT IMP 3/8DR 6PT 3/4
19-708 SKT IMP 3/8DR 6PT DP 1/4
19-710 SKT IMP 3/8DR 6PT DP 5/16
19-712 SKT IMP 3/8DR 6PT DP 3/8
19-714 SKT IMP 3/8DR 6PT DP 7/16
19-716 SKT IMP 3/8DR 6PT DP 1/2
19-718 SKT IMP 3/8DR 6PT DP 9/16
19-720 SKT IMP 3/8DR 6PT DP 5/8
19-722 SKT IMP 3/8DR 6PT DP 11/16
19-724 SKT IMP 3/8DR 6PT DP 3/4
19-947 UNV JNT IMP 3/8DR
20-016 SKT IMP 1/2DR 6PT 1/2
20-018 SKT IMP 1/2DR 6PT 9/16
20-020 SKT IMP 1/2DR 6PT 5/8
20-022 SKT IMP 1/2DR 6PT 11/16
20-024 SKT IMP 1/2DR 6PT 3/4
20-026 SKT IMP 1/2DR 6PT 13/16
20-028 SKT IMP 1/2DR 6PT 7/8
20-030 SKT IMP 1/2DR 6PT 15/16
20-032 SKT IMP 1/2DR 6PT 1
20-034 SKT IMP 1/2DR 6PT 1-1/16
20-036 SKT IMP 1/2DR 6PT 1-1/8
20-216 SKT IMP 1/2DR 6PT 1/2 DP
20-218 SKT IMP 1/2DR 6PT 9/16 DP
20-220 SKT IMP 1/2DR 6PT 5/8 DP
20-222 SKT IMP 1/2DR 6PT 11/16 DP
20-224 SKT IMP 1/2DR 6PT 3/4 DP
20-226 SKT IMP 1/2DR 6PT 13/16 DP
20-228 SKT IMP 1/2DR 6PT 7/8 DP
20-230 SKT IMP 1/2DR 6PT 15/16 DP
20-566 SKT IMP 1/2DR UNV 6PT 1/2
20-568 SKT IMP 1/2DR UNV 6PT 9/16
20-570 SKT IMP 1/2DR UNV 6PT 5/8
20-572 SKT IMP 1/2DR UNV 6PT 11/16
20-574 SKT IMP 1/2DR UNV 6PT 3/4
20-576 SKT IMP 1/2DR UNV 6PT 13/16
20-578 SKT IMP 1/2DR UNV 6PT 7/8
20-580 SKT IMP 1/2DR UNV 6PT 15/16
20-582 SKT IMP 1/2DR UNV 6PT 1
2153 IGNITION FILE
2310 WIRE BRUSH
25-004 WR COMB 6PT SHT 1/8 FP
25-005 WR COMB 6PT SHT 5/32 FP
25-006 WR COMB 6PT SHT 3/16 FP
25-008 WR COMB 6PT SHT 1/4 FP
25-009 WR COMB 6PT SHT 9/32 FP
25-010 WR COMB 6PT SHT 5/16 FP

Continued . . .

Set 15-001 1195 Pc. Ultimate Master Set Cont.

25-011 WR COMB 6PT SHT 11/32 FP
25-012 WR COMB 6PT SHT 3/8 FP
25-108 WR COMB 12PT SHT 1/4 FP
25-110 WR COMB 12PT SHT 5/16 FP
25-112 WR COMB 12PT SHT 3/8 FP
25-114 WR COMB 12PT SHT 7/16 FP
25-116 WR COMB 12PT SHT 1/2 FP
25-118 WR COMB 12PT SHT 9/16 FP
25-120 WR COMB 12PT SHT 5/8 FP
25-122 WR COMB 12PT SHT 11/16 FP
25-124 WR COMB 12PT SHT 3/4 FP
25-126 WR COMB 12PT SHT 13/16 FP
25-128 WR COMB 12PT SHT 7/8 FP
25-130 WR COMB 12PT SHT 15/16 FP
25-132 WR COMB 12PT SHT 1 FP
25-162 WR COMB 12PT X SHT 3/8 FP
25-164 WR COMB 12PT X SHT 7/16 FP
25-166 WR COMB 12PT X SHT 1/2 FP
25-168 WR COMB 12PT X SHT 9/16 FP
25-170 WR COMB 12PT X SHT 5/8 FP
25-172 WR COMB 12PT X SHT 11/16 FP
25-174 WR COMB 12PT X SHT 3/4 FP
25-208 WR COMB 12PT LNG 1/4 FP
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP
25-242 WR COMB 12PT LNG 1-5/16
25-244 WR COMB 12PT LNG 1-3/8
25-246 WR COMB 12PT LNG 1-7/16
25-248 WR COMB 12PT LNG 1-1/2
25-252 WR COMB 12PT LNG 1-5/8
25-254 WR COMB 12PT LNG 1-11/16
25-256 WR COMB 12PT LNG 1-3/4
25-258 WR COMB 12PT LNG 1-13/16
25-260 WR COMB 12PT LNG 1-7/8
25-264 WR COMB 12PT LNG 2
25-412 WR COMB 12PT XL 3/8 FP
25-414 WR COMB 12PT XL 7/16 FP
25-416 WR COMB 12PT XL 1/2 FP
25-418 WR COMB 12PT XL 9/16 FP
25-420 WR COMB 12PT XL 5/8 FP
25-422 WR COMB 12PT XL 11/16 FP
25-424 WR COMB 12PT XL 3/4 FP
25-426 WR COMB 12PT XL 13/16 FP
25-428 WR COMB 12PT XL 7/8 FP
25-430 WR COMB 12PT XL 15/16 FP
25-432 WR COMB 12PT XL 1 FP
25-508 WR COMB FLX HD 12PT 1/4 FP
25-510 WR COMB FLX HD 12PT 5/16 FP
25-512 WR COMB FLX HD 12PT 3/8 FP
25-514 WR COMB FLX HD 12PT 7/16 FP
25-516 WR COMB FLX HD 12PT 1/2 FP
25-518 WR COMB FLX HD 12PT 9/16 FP
25-520 WR COMB FLX HD 12PT 5/8 FP
25-522 WR COMB FLX HD 12PT 11/16 FP
25-524 WR COMB FLX HD 12PT 3/4 FP
25-526 WR COMB FLX HD 12PT 13/16 FP
25-528 WR COMB FLX HD 12PT 7/8 FP
25-600 SET WR COMB MDGT 10PC SAE FP
26-022 WR OE 1/4X5/16 FP
26-043 WR OE 3/8X7/16 FP
26-067 WR OE 1/2X9/16 FP
26-094 WR OE 5/8X11/16 FP
26-121 WR OE 3/4X13/16 FP
26-139 WR OE 7/8X15/16 FP
26-163 WR OE 1X1-1/8 FP
26-169 WR OE 1-1/16X1-1/4 FP
26-187 WR OE 1-5/16X1-1/2 FP
26-190 WR OE 1-3/8X1-7/16 FP
26-534 WR OE RAT DBL 5/16X3/8
26-559 WR OE RAT DBL 7/16X1/2
26-580 WR OE RAT DBL 9/16X5/8
26-588 WR OE RAT DBL 11/16X3/4
27-343 WR BX 12PT LNG 3/8X7/16 FP
27-367 WR BX 12PT LNG 1/2X9/16 FP
27-394 WR BX 12PT LNG 5/8X11/16 FP
27-424 WR BX 12PT LNG 3/4X7/8 FP
27-451 WR BX 12PT LNG 15/16X1 FP
27-466 WR BX 12PT LNG 1-1/16X1-1/8 FP
27-510 WR GEARED BOX 12PT 3/8 FP
27-511 WR GEARED BOX 12PT 7/16 FP
27-512 WR GEARED BOX 12PT 1/2 FP
27-513 WR GEARED BOX 12PT 9/16 FP
27-514 WR GEARED BOX 12PT 5/8 FP
27-515 WR GEARED BOX 12PT 11/16 FP
27-516 WR GEARED BOX 12PT 3/4 FP
27-812 WR ANG OE 3/8 15&60D FP
27-814 WR ANG OE 7/16 15&60D FP
27-816 WR ANG OE 1/2 15&60D FP
27-818 WR ANG OE 9/16 15&60D FP
27-820 WR ANG OE 5/8 15&60D FP
27-822 WR ANG OE 11/16 15&60D FP
27-824 WR ANG OE 3/4 15&60D FP
27-826 WR ANG OE 13/16 15&60D FP
27-828 WR ANG OE 7/8 15&60D FP
27-830 WR ANG OE 15/16 15&60D FP
27-832 WR ANG OE 1 15&60D FP
27-834 WR ANG OE 1-1/16 15&60D FP
27-836 WR ANG OE 1-1/8 15&60D FP
27-840 WR ANG OE 1-1/4 15&60D FP
27-903 WR ANG OE 13/64 MDGT 15&75D FP
27-904 WR ANG OE 15/64 MDGT 15&75D FP
27-907 WR ANG OE 7/32 MDGT 15&75D FP
27-908 WR ANG OE 1/4 MDGT 15&75D FP
27-909 WR ANG OE 9/32 MDGT 15&75D FP
27-910 WR ANG OE 5/16 MDGT 15&75D FP
27-911 WR ANG OE 11/32 MDGT 15&75D FP
27-912 WR ANG OE 3/8 MDGT 15&75D FP
28-130 WR FLR NUT 6PT 3/8X7/16 FP
28-135 WR FLR NUT 6PT 1/2X9/16 FP
28-140 WR FLR NUT 6PT 5/8X11/16 FP
28-145 WR FLR NUT 12PT 3/4X1 FP
28-150 WR FLR NUT 12PT 7/8X1-1/8 FP
28-406 WR ADJ 6
28-408 WR ADJ 8
28-410 WR ADJ 10
28-412 WR ADJ 12
28-418 WR ADJ 18
37-004 SKT 1/4DR 6PT 4MM
37-005 SKT 1/4DR 6PT 5MM
37-006 SKT 1/4DR 6PT 6MM
37-007 SKT 1/4DR 6PT 7MM
37-008 SKT 1/4DR 6PT 8MM
37-009 SKT 1/4DR 6PT 9MM
37-010 SKT 1/4DR 6PT 10MM
37-011 SKT 1/4DR 6PT 11MM
37-012 SKT 1/4DR 6PT 12MM
37-013 SKT 1/4DR 6PT 13MM
37-014 SKT 1/4DR 6PT 14MM
37-083 SKT 1/4DR 6PT 5.5MM
37-204 SKT 1/4DR 6PT 4MM DP
37-205 SKT 1/4DR 6PT 5MM DP
37-283 SKT 1/4DR 6PT 5.5MM DP
37-206 SKT 1/4DR 6PT 6MM DP
37-207 SKT 1/4DR 6PT 7MM DP
37-208 SKT 1/4DR 6PT 8MM DP
37-209 SKT 1/4DR 6PT 9MM DP
37-210 SKT 1/4DR 6PT 10MM DP
37-211 SKT 1/4DR 6PT 11MM DP
37-212 SKT 1/4DR 6PT 12MM DP
37-213 SKT 1/4DR 6PT 13MM DP
37-214 SKT 1/4DR 6PT 14MM DP
37-703 SKT 1/4DR HEX BIT 2MM
37-704 SKT 1/4DR HEX BIT 2.5MM
37-705 SKT 1/4DR HEX BIT 3MM
37-707 SKT 1/4DR HEX BIT 4MM
37-709 SKT 1/4DR HEX BIT 5MM
37-711 SKT 1/4DR HEX BIT 6MM
38-006 SKT 3/8DR 6PT 6MM
38-007 SKT 3/8DR 6PT 7MM
38-008 SKT 3/8DR 6PT 8MM
38-009 SKT 3/8DR 6PT 9MM
38-010 SKT 3/8DR 6PT 10MM
38-011 SKT 3/8DR 6PT 11MM
38-012 SKT 3/8DR 6PT 12MM
38-013 SKT 3/8DR 6PT 13MM
38-014 SKT 3/8DR 6PT 14MM
38-015 SKT 3/8DR 6PT 15MM
38-016 SKT 3/8DR 6PT 16MM
38-017 SKT 3/8DR 6PT 17MM
38-018 SKT 3/8DR 6PT 18MM
38-019 SKT 3/8DR 6PT 19MM
38-020 SKT 3/8DR 6PT 20MM
38-021 SKT 3/8DR 6PT 21MM
38-022 SKT 3/8DR 6PT 22MM
38-023 SKT 3/8DR 6PT 23MM
38-026 SKT 3/8DR 6PT 26MM
38-106 SKT 3/8DR 12PT 6MM
38-107 SKT 3/8DR 12PT 7MM
38-108 SKT 3/8DR 12PT 8MM
38-109 SKT 3/8DR 12PT 9MM
38-110 SKT 3/8DR 12PT 10MM
38-111 SKT 3/8DR 12PT 11MM
38-112 SKT 3/8DR 12PT 12MM
38-113 SKT 3/8DR 12PT 13MM
38-114 SKT 3/8DR 12PT 14MM
38-115 SKT 3/8DR 12PT 15MM
38-116 SKT 3/8DR 12PT 16MM
38-117 SKT 3/8DR 12PT 17MM
38-118 SKT 3/8DR 12PT 18MM
38-119 SKT 3/8DR 12PT 19MM
38-120 SKT 3/8DR 12PT 20MM
38-121 SKT 3/8DR 12PT 21MM
38-122 SKT 3/8DR 12PT 22MM
38-123 SKT 3/8DR 12PT 23MM
38-126 SKT 3/8DR 12PT 26MM
38-206 SKT 3/8DR 6PT 6MM DP
38-207 SKT 3/8DR 6PT 7MM DP
38-208 SKT 3/8DR 6PT 8MM DP
38-209 SKT 3/8DR 6PT 9MM DP
38-210 SKT 3/8DR 6PT 10MM DP
38-211 SKT 3/8DR 6PT 11MM DP
38-212 SKT 3/8DR 6PT 12MM DP
38-213 SKT 3/8DR 6PT 13MM DP
38-214 SKT 3/8DR 6PT 14MM DP
38-215 SKT 3/8DR 6PT 15MM DP
38-216 SKT 3/8DR 6PT 16MM DP
38-217 SKT 3/8DR 6PT 17MM DP
38-218 SKT 3/8DR 6PT 18MM DP
38-219 SKT 3/8DR 6PT 19MM DP
38-220 SKT 3/8DR 6PT 20MM DP
38-221 SKT 3/8DR 6PT 21MM DP
38-222 SKT 3/8DR 6PT 22MM DP
38-223 SKT 3/8DR 6PT 23MM DP
38-306 SKT 3/8DR 12PT 6MM DP
38-307 SKT 3/8DR 12PT 7MM DP
38-308 SKT 3/8DR 12PT 8MM DP
38-309 SKT 3/8DR 12PT 9MM DP
38-310 SKT 3/8DR 12PT 10MM DP
38-311 SKT 3/8DR 12PT 11MM DP
38-312 SKT 3/8DR 12PT 12MM DP
38-313 SKT 3/8DR 12PT 13MM DP
38-314 SKT 3/8DR 12PT 14MM DP
38-315 SKT 3/8DR 12PT 15MM DP
38-316 SKT 3/8DR 12PT 16MM DP
38-317 SKT 3/8DR 12PT 17MM DP
38-318 SKT 3/8DR 12PT 18MM DP
38-319 SKT 3/8DR 12PT 19MM DP
38-320 SKT 3/8DR 12PT 20MM DP
38-321 SKT 3/8DR 12PT 21MM DP
38-322 SKT 3/8DR 12PT 22MM DP
38-323 SKT 3/8DR 12PT 23MM DP
38-707 SKT 3/8DR HEX BIT 4MM
38-709 SKT 3/8DR HEX BIT 5MM
38-711 SKT 3/8DR HEX BIT 6MM
38-712 SKT 3/8DR HEX BIT 7MM
38-713 SKT 3/8DR HEX BIT 8MM
38-714 SKT 3/8DR HEX BIT 9MM
38-715 SKT 3/8DR HEX BIT 10MM
38-747 SKT 3/8DR HEX BIT 4MM LNG
38-749 SKT 3/8DR HEX BIT 5MM LNG
38-751 SKT 3/8DR HEX BIT 6MM LNG
38-752 SKT 3/8DR HEX BIT 7MM LNG
38-753 SKT 3/8DR HEX BIT 8MM LNG
38-755 SKT 3/8DR HEX BIT 10MM LNG
38-850 WR 3/8DR CRFT 10 MM
38-851 WR 3/8DR CRFT 11 MM
38-852 WR 3/8DR CRFT 12 MM
38-853 WR 3/8DR CRFT 13 MM
38-854 WR 3/8DR CRFT 14 MM
38-855 WR 3/8DR CRFT 15 MM
38-856 WR 3/8DR CRFT 16 MM
38-857 WR 3/8DR CRFT 17 MM
38-858 WR 3/8DR CRFT 18 MM
38-859 WR 3/8DR CRFT 19 MM
38-861 WR 3/8DR CRFT 21 MM
38-862 WR 3/8DR CRFT 22 MM
39-110 SKT 1/2DR 12PT 10MM
39-111 SKT 1/2DR 12PT 11MM
39-112 SKT 1/2DR 12PT 12MM
39-113 SKT 1/2DR 12PT 13MM
39-114 SKT 1/2DR 12PT 14MM
39-115 SKT 1/2DR 12PT 15MM
39-116 SKT 1/2DR 12PT 16MM
39-117 SKT 1/2DR 12PT 17MM
39-118 SKT 1/2DR 12PT 18MM
39-119 SKT 1/2DR 12PT 19MM
39-120 SKT 1/2DR 12PT 20MM
39-121 SKT 1/2DR 12PT 21MM
39-122 SKT 1/2DR 12PT 22MM
39-123 SKT 1/2DR 12PT 23MM
39-124 SKT 1/2DR 12PT 24MM
39-125 SKT 1/2DR 12PT 25MM
39-126 SKT 1/2DR 12PT 26MM
39-127 SKT 1/2DR 12PT 27MM
39-128 SKT 1/2DR 12PT 28MM
39-129 SKT 1/2DR 12PT 29MM
39-130 SKT 1/2DR 12PT 30MM
39-132 SKT 1/2DR 12PT 32MM
39-136 SKT 1/2DR 12PT 36MM
39-310 SKT 1/2DR 12PT 10MM DP
39-311 SKT 1/2DR 12PT 11MM DP
39-312 SKT 1/2DR 12PT 12MM DP
39-313 SKT 1/2DR 12PT 13MM DP
39-314 SKT 1/2DR 12PT 14MM DP
39-315 SKT 1/2DR 12PT 15MM DP
39-316 SKT 1/2DR 12PT 16MM DP
39-317 SKT 1/2DR 12PT 17MM DP
39-318 SKT 1/2DR 12PT 18MM DP
39-319 SKT 1/2DR 12PT 19MM DP
39-320 SKT 1/2DR 12PT 20MM DP
39-321 SKT 1/2DR 12PT 21MM DP
39-322 SKT 1/2DR 12PT 22MM DP
39-323 SKT 1/2DR 12PT 23MM DP
39-324 SKT 1/2DR 12PT 24MM DP
39-325 SKT 1/2DR 12PT 25MM DP
39-326 SKT 1/2DR 12PT 26MM DP
39-327 SKT 1/2DR 12PT 27MM DP
39-328 SKT 1/2DR 12PT 28MM DP
39-329 SKT 1/2DR 12PT 29MM DP
39-330 SKT 1/2DR 12PT 30MM DP
39-332 SKT 1/2DR 12PT 32MM DP
39-711 SKT 1/2DR HEX BIT 6MM
39-713 SKT 1/2DR HEX BIT 8MM
39-715 SKT 1/2DR HEX BIT 10MM
39-717 SKT 1/2DR HEX BIT 12MM
39-719 SKT 1/2DR HEX BIT 14MM
39-722 SKT 1/2DR HEX BIT 17MM
39-751 SKT 1/2DR HEX BIT 6MM LNG
39-753 SKT 1/2DR HEX BIT 8MM LNG
39-755 SKT 1/2DR HEX BIT 10MM LNG
39-757 SKT 1/2DR HEX BIT 12MM LNG
39-759 SKT 1/2DR HEX BIT 14MM LNG
39-762 SKT 1/2DR HEX BIT 17MM LNG
40-122 SKT 3/4DR 12PT 22MM
40-123 SKT 3/4DR 12PT 23MM
40-124 SKT 3/4DR 12PT 24MM
40-125 SKT 3/4DR 12PT 25MM
40-126 SKT 3/4DR 12PT 26MM
40-127 SKT 3/4DR 12PT 27MM
40-128 SKT 3/4DR 12PT 28MM
40-129 SKT 3/4DR 12PT 29MM
40-130 SKT 3/4DR 12PT 30MM
40-132 SKT 3/4DR 12PT 32MM
40-135 SKT 3/4DR 12PT 35MM
40-136 SKT 3/4DR 12PT 36MM
40-138 SKT 3/4DR 12PT 38MM
40-141 SKT 3/4DR 12PT 41MM
40-142 SKT 3/4DR 12PT 42MM
40-146 SKT 3/4DR 12PT 46MM
40-150 SKT 3/4DR 12PT 50MM
40-322 SKT 3/4DR 12PT 22MM DP
40-323 SKT 3/4DR 12PT 23MM DP
40-324 SKT 3/4DR 12PT 24MM DP
40-327 SKT 3/4DR 12PT 27MM DP
40-330 SKT 3/4DR 12PT 30MM DP
40-332 SKT 3/4DR 12PT 32MM DP
40-335 SKT 3/4DR 12PT 35MM DP
40-336 SKT 3/4DR 12PT 36MM DP
40-338 SKT 3/4DR 12PT 38MM DP
40-341 SKT 3/4DR 12PT 41MM DP
40-346 SKT 3/4DR 12PT 46MM DP
40-350 SKT 3/4DR 12PT 50MM DP
46-607 SKT IMP 3/8DR 6PT 7MM
46-608 SKT IMP 3/8DR 6PT 8MM
46-609 SKT IMP 3/8DR 6PT 9MM
46-610 SKT IMP 3/8DR 6PT 10MM
46-611 SKT IMP 3/8DR 6PT 11MM
46-612 SKT IMP 3/8DR 6PT 12MM
46-613 SKT IMP 3/8DR 6PT 13MM
46-614 SKT IMP 3/8DR 6PT 14MM
46-615 SKT IMP 3/8DR 6PT 15MM
46-616 SKT IMP 3/8DR 6PT 16MM
46-617 SKT IMP 3/8DR 6PT 17MM
46-618 SKT IMP 3/8DR 6PT 18MM
46-619 SKT IMP 3/8DR 6PT 19MM
46-620 SKT IMP 3/8DR 6PT 20MM
46-621 SKT IMP 3/8DR 6PT 21MM
46-622 SKT IMP 3/8DR 6PT 22MM
46-707 SKT IMP 3/8DR 6PT 7MM DP
46-708 SKT IMP 3/8DR 6PT 8MM DP
46-709 SKT IMP 3/8DR 6PT 9MM DP
46-710 SKT IMP 3/8DR 6PT 10MM DP
46-711 SKT IMP 3/8DR 6PT 11MM DP
46-712 SKT IMP 3/8DR 6PT 12MM DP
46-713 SKT IMP 3/8DR 6PT 13MM DP
46-714 SKT IMP 3/8DR 6PT 14MM DP
46-715 SKT IMP 3/8DR 6PT 15MM DP
46-716 SKT IMP 3/8DR 6PT 16MM DP
46-717 SKT IMP 3/8DR 6PT 17MM DP
47-010 SKT IMP 1/2DR 6PT 10MM
47-011 SKT IMP 1/2DR 6PT 11MM
47-012 SKT IMP 1/2DR 6PT 12MM
47-013 SKT IMP 1/2DR 6PT 13MM
47-014 SKT IMP 1/2DR 6PT 14MM
47-015 SKT IMP 1/2DR 6PT 15MM
47-016 SKT IMP 1/2DR 6PT 16MM
47-017 SKT IMP 1/2DR 6PT 17MM
47-018 SKT IMP 1/2DR 6PT 18MM
47-019 SKT IMP 1/2DR 6PT 19MM
47-020 SKT IMP 1/2DR 6PT 20MM
47-021 SKT IMP 1/2DR 6PT 21MM
47-022 SKT IMP 1/2DR 6PT 22MM
47-024 SKT IMP 1/2DR 6PT 24MM
47-210 SKT IMP 1/2DR 6PT 10MM DP
47-211 SKT IMP 1/2DR 6PT 11MM DP
47-212 SKT IMP 1/2DR 6PT 12MM DP
47-213 SKT IMP 1/2DR 6PT 13MM DP
47-214 SKT IMP 1/2DR 6PT 14MM DP
47-215 SKT IMP 1/2DR 6PT 15MM DP
47-216 SKT IMP 1/2DR 6PT 16MM DP
47-217 SKT IMP 1/2DR 6PT 17MM DP
47-218 SKT IMP 1/2DR 6PT 18MM DP
47-219 SKT IMP 1/2DR 6PT 19MM DP
47-220 SKT IMP 1/2DR 6PT 20MM DP
47-221 SKT IMP 1/2DR 6PT 21MM DP
47-222 SKT IMP 1/2DR 6PT 22MM DP
47-224 SKT IMP 1/2DR 6PT 24MM DP
485 GASKET SCRAPER
52-004 WR(52-104)
52-005 WR(52-105)
52-006 WR(52-106)
52-007 WR(52-107)
52-008 WR(52-108)
52-083 WR(52-183)
52-109 WR COMB 12PT SHT 9MM FP
52-160 WR COMB 12PT XSHT 10MM FP
52-161 WR COMB 12PT XSHT 11MM FP
52-162 WR COMB 12PT XSHT 12MM FP
52-163 WR COMB 12PT XSHT 13MM FP
52-164 WR COMB 12PT XSHT 14MM FP
52-165 WR COMB 12PT XSHT 15MM FP
52-166 WR COMB 12PT XSHT 16MM FP
52-167 WR COMB 12PT XSHT 17MM FP
52-168 WR COMB 12PT XSHT 18MM FP
52-169 WR COMB 12PT X SHT 19MM FP
52-207 WR COMB 12PT LNG 7MM
52-208 WR COMB 12PT LNG 8MM
52-209 WR COMB 12PT LNG 9MM
52-210 WR COMB 12PT LNG 10MM
52-211 WR COMB 12PT LNG 11MM
52-212 WR COMB 12PT LNG 12MM
52-213 WR COMB 12PT LNG 13MM
52-214 WR COMB 12PT LNG 14MM
52-215 WR COMB 12PT LNG 15MM
52-216 WR COMB 12PT LNG 16MM
52-217 WR COMB 12PT LNG 17MM
52-218 WR COMB 12PT LNG 18MM
52-219 WR COMB 12PT LNG 19MM
52-220 WR COMB 12PT LNG 20MM
52-221 WR COMB 12PT LNG 21MM
52-222 WR COMB 12PT LNG 22MM
52-233 WR COMB 12PT LNG 23MM
52-224 WR COMB 12PT LNG 24MM
53-016 WR OE 6X7MM FP
53-022 WR OE 8X9MM FP
53-034 WR OE 10X11MM FP
53-052 WR OE 12X13MM FP
53-067 WR OE 14X15MM FP
53-082 WR OE 16X17MM FP
53-096 WR OE 18X19MM FP
53-115 WR OE 20X22MM FP
53-119 WR OE 21X23MM FP
53-142 WR OE 24X26MM FP
53-534 WR RAT DBL OE 10X11MM
53-555 WR RAT DBL OE 12X14MM
53-561 WR RAT DBL OE 13X15MM
53-585 WR RAT DBL OE 16X18MM
53-591 WR RAT DBL OE 17X19MM
54-322 WR BX LNG 12PT 8X9MM FP
54-334 WR BX LNG 12PT 10X11MM FP
54-352 WR BX LNG 12PT 12X13MM FP
54-367 WR BX LNG 12PT 14X15MM FP
54-385 WR BX LNG 12PT 16X18MM FP

Continued . . .

ARMSTRONG INDUSTRIAL HAND TOOLS

Master Set Contents

Set 15-001 1195 Pc. Ultimate Master Set Cont.

54-391 WR BX LNG 12PT 17X19MM FP
54-415 WR BX LNG 12PT 20X22MM FP
54-419 WR BX LNG 12PT 21X23MM FP
54-445 WR BX LNG 12PT 24X27MM FP
54-510 WR GEARED BX 12PT 10MM FP
54-511 WR GEARED BX 12PT 11MM FP
54-512 WR GEARED BX 12PT 12MM FP
54-513 WR GEARED BX 12PT 13MM FP
54-514 WR GEARED BX 12PT 14MM FP
54-515 WR GEARED BX 12PT 15MM FP
54-516 WR GEARED BX 12PT 16MM FP
54-517 WR GEARED BX 12PT 17MM FP
54-518 WR GEARED BX 12PT 18MM FP
54-519 WR GEARED BX 12PT 19MM FP
55-310 WR RAT FLR NUT 12PT 10MM
55-311 WR RAT FLR NUT 12PT 11MM
55-312 WR RAT FLR NUT 12PT 12MM
55-313 WR RAT FLR NUT 12PT 13MM
55-314 WR RAT FLR NUT 12PT 14MM
55-315 WR RAT FLR NUT 12PT 15MM
55-316 WR RAT FLR NUT 12PT 16MM
55-317 WR RAT FLR NUT 12PT 17MM
55-318 WR RAT FLR NUT 12PT 18MM
55-319 WR RAT FLR NUT 12PT 19MM
56134 11 PC T-HANDLE HEX KEY SET
56184 11 PC SCRDR HEX KEY SET
56188 8 PC MET SCRDR HEX KEY SET
56192 22 PC BALL PLUS SET
64-042 WR TRQ 3/8DR 100-1000 IN/LB
64-086 WR TRQ 1/2DR 25-250 FT/LB
66-150 SCRDR PHLP #2X1-1/2
66-152 SCRDR PHLP #0X2-1/2
66-153 SCRDR PHLP #1X3
66-155 SCRDR PHLP #1X6
66-156 SCRDR PHLP #2X4
66-158 SCRDR PHLP #2X8
66-161 SCRDR PHLP #3X6
66-164 SCRDR PHLP #4X8
66-202 SCRDR SLT 1/8X3 SQ
66-203 SCRDR SLT 3/16X4 SQ
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
66-226 SCRDR SLT 7/16X12 SQ
66-232 SCRDR SLT 1/4X1-1/2 SQ
66-253 SCRDR CAB 1/8X3
66-255 SCRDR CAB 1/8X4
66-259 SCRDR CAB 1/8X8
66-262 SCRDR CAB 3/16X4
66-268 SCRDR CAB 3/16X8
66-321 SCRDR TORX T10X3
66-323 SCRDR TORX T15X3
66-324 SCRDR TORX T15X1-1/4
66-326 SCRDR TORX T20X3
66-327 SCRDR TORX T25X3
66-329 SCRDR TORX T27X4
66-330 SCRDR TORX T30X4
66-332 SCRDR TORX T40X6
66-501 SCRDR SLT 1/4X4 CUSH GRP
66-502 SCRDR SLT 3/16X3 CUSH GRP
66-504 SCRDR SLT 5/16X6 CUSH GRP
66-505 SCRDR SLT 1/4X4 CUSH GRP
66-507 SCRDR SLT 3/8X8 CUSH GRP
66-524 SCRDR PHLP #1X3 CUSH GRP
66-527 SCRDR PHLP #2X4 CUSH GRP
66-530 SCRDR PHLP #3X6 CUSH GRP
66-806 NUT DR 3/16 HOLL SHFT
66-807 NUT DR 7/32 HOLL SHFT
66-808 NUT DR 1/4 HOLL SHFT
66-809 NUT DR 9/32 HOLL SHFT
66-810 NUT DR 5/16 HOLL SHFT
66-811 NUT DR 11/32 HOLL SHFT
66-812 NUT DR 3/8 HOLL SHFT
66-814 NUT DR 7/16 HOLL SHFT
66-816 NUT DR 1/2 HOLL SHFT
66-818 NUT DR 9/16 HOLL SHFT
66-820 NUT DR 5/8 HOLL SHFT
66-829 NUT DR 4MM HOLL SHFT
66-831 NUT DR 5MM HOLL SHFT
66-832 NUT DR 5.5MM HOLL SHFT
66-833 NUT DR 6MM HOLL SHFT
66-834 NUT DR 7MM HOLL SHFT
66-835 NUT DR 8MM HOLL SHFT
66-836 NUT DR 9MM HOLL SHFT
66-837 NUT DR 10MM HOLL SHFT
66-838 NUT DR 11MM HOLL SHFT
66-839 NUT DR 12MM HOLL SHFT
66-840 NUT DR 13MM HOLL SHFT
66-924 SCR START SLT 5
66-933 SCR START PHLP 5
66-943 SCR START NUT 5
67-069 PLR LNMN 9-1/2 W/GRP
67-101 PLR DIAG LNG REACH 11-1/8 HD W
67-113 PLR DIAG CUT 8 HD W/GRP
67-161 PLR DIAG CUT 6-3/8 W/GRP
67-183 PLR DIAG CUT 4-1/2 W/GRP & SPR
67-240 PLR NDL NSE LNG REACH 11-1/2 W
67-241 PLR NDL BENT NSE LNG REACH W/G
67-255 PLR CHN NSE 5-3/8 W/GRP
67-307 PLR CHN NSE 7-3/4 SD CUT W/GRP
67-331 PLR CHB NSE 7-7/8 STRPR W/GRP
67-357 PLR NDL NSE 5-7/16 W/GRP
67-401 PLR NDL NSE 5-7/8 CURV W/GRP
67-503 PLR DKBL 8 W/GRP
67-535 PLR END CUT 7-3/8 W/GRP
67-667 PLR SLP JNT 6-1/2 W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-671 PLR SLP JNT 10 W/GRP
67-717 PLR TNG&GRV 5 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
67-781 PLR TNG&GRV 12 W/GRP
67-783 PLR TNG&GRV 16 W/GRP
67-791 PLR TNG&GRV PIPE WR 12-3/4 W/G
67-830 PLR IGNITION 5-1/4 W/GRP
67-905 PLR ELECTRICIAN'S
68-079 SET RET RNG PLR
68-241 SNIPS MINI 6-1/2
68-261 SNIPS AVN 10 OFF LFT&STRT
68-263 SNIPS AVN 10 OFF RGT&STRT
68-275 SNIPS STRT 12-3/4
68-310 KNFE UTIL RETRACT
68-445 TP MEAS 1X25 LCK AUTO
69-009 HMR SFT FC NO TIP 1-1/2D 12OZ
69-019 HMR SFT FC NO TIP 2D 2LB
69-155 HMR TIP 1-1/2 THG GREEN
69-156 HMR TIP 1-1/2 MED HD CREAM
69-158 HMR TIP 1-1/2 HD BLACK
69-165 HMR TIP 2 TGH GREEN
69-166 HMR TIP 2 MED HD CREAM
69-168 HMR TIP 2 HD BLACK
69-444 HMR BLL PN 8OZ WD HDL
69-448 HMR BLL PN 1LB WD HDL
69-452 HMR BLL PN 2LB WD HDL
69-454 HMR BLL PN 2-1/2LB WD HDL
69-490 RBR MALL 32OZ 16-1/2
69-515 HMR BRS 2.5LB W/GRP
69-530 HMR DEAD BLOW STD 10OZ
69-532 HMR DEAD BLOW STD 21OZ
69-534 HMR DEAD BLOW STD 52OZ
69-541 HMR DEAD BLW SLIMLINE 14OZ
69-543 HMR DEAD BLW SLIMLINE 21OZ
69-547 HMR DEAD BLW SLIMLINE 32OZ
69-605 HMR DRL 3LB WD HDL
69-625 HMR CRSS PN 3LB WD HDL
67-436 6" LOCKING PLIERS
70-000 PUNCH & CHISEL HOLDER
70-042 PNCH PIN TOOL STEEL 5/32 TIP LNG
70-043 PNCH PIN TOOL STEEL 3/16 TIP LNG
70-044 PNCH PIN TOOL STEEL 7/32 TIP LNG
70-045 PNCH PIN TOOL STEEL 1/4 TIP LNG
70-047 PNCH PIN TOOL STEEL 5/16 TIP LNG
70-101 PNCH PIN 1/16 TIP
70-103 PNCH PIN 3/32 TIP
70-105 PNCH PIN 1/8 TIP
70-107 PNCH PIN 5/32 TIP
70-109 PNCH PIN 3/16 TIP
70-110 PNCH PIN TOOL STL 1/16 TIP
70-112 PNCH PIN TOOL STL 3/32 TIP
70-114 PNCH PIN TOOL STL 1/8 TIP
70-116 PNCH PIN TOOL STL 5/32 TIP
70-118 PNCH PIN TOOL STL 3/16 TIP
70-120 PNCH PIN TOOL STL 7/32 TIP
70-122 PNCH PIN TOOL STL 1/4 TIP
70-124 PNCH PIN TOOL STL 9/32 TIP
70-126 PNCH PIN TOOL STL 5/16 TIP
70-128 PNCH PIN TOOL STL 3/8 TIP
70-129 PNCH PIN 7/32 TIP
70-131 PNCH PIN 1/4 TIP
70-155 PNCH START 3/32 TIP
70-157 PNCH START 1/8 TIP
70-161 PNCH START 3/16 TIP
70-163 PNCH START 7/32 TIP
70-165 PNCH START 1/4 TIP
70-189 PNCH DRFT 1/8 TIP
70-193 PNCH DRFT 3/16 TIP
70-195 PNCH DRFT 7/32 TIP
70-197 PNCH DRFT 1/4 TIP
70-199 PNCH DRFT 5/16 TIP
70-235 PNCH CNTR 3/8
70-239 PNCH CNTR 1/2
70-255 PNCH PRCK 3/8
70-260 PNCH ROLL PIN 1/16 TIP
70-262 PNCH ROLL PIN 3/32 TIP
70-264 PNCH ROLL PIN 1/8 TIP
70-266 PNCH ROLL PIN 5/32 TIP
70-268 PNCH ROLL PIN 3/16 TIP
70-270 PNCH ROLL PIN 7/32 TIP
70-272 PNCH ROLL PIN 1/4 TIP
70-301 CHSL CLD 1/4 TIP
70-303 CHSL CLD 5/16 TIP
70-305 CHSL CLD 3/8 TIP
70-309 CHSL CLD 1/2 TIP
70-311 CHSL CLD 5/8 TIP
70-313 CHSL CLD 3/4 TIP
70-315 CHSL CLD 7/8 TIP
70-317 CHSL CLD 1 TIP
70-319 CHSL CLD 1-1/8 TIP
70-503 ALIGNING BAR PINCH 5/8X16
70-505 ALIGNING BAR PINCH 3/4X24
70-519 CHSL BAR ROLL1/2X15
70-521 CHSL BAR ROLL 5/8X18
70-531 BAR PRY 12 HDL
70-533 BAR PRY 17 HDL
70-535 BAR PRY 25 HDL
70-537 BAR PRY 31 HDL
70-793 SET FEELER GAUGE 25 BLADE
70-865 HCKS FLT FRM
70-925 TELESCP MIRR 2-1/4 DIA
70-929 TELESCP MIRROR 2-1/8 DIA
70-933 RETR TL MAG TELESCP
70-970 SCREW EXTRACTOR SET
72-498 PULLER KIT MULTI PURP
73-010 WR PIPE 10 HD
73-014 WR PIPE 14 HD
73-018 WR PIPE 18 HD
73-295 CHAIN 3/8 TO 4
78-408 C-CL DP THRT 8 STD SCREW BLK (2)
67-407 7" LOCKING PLIERS

Set 15-006 761 Pc. Master Set - Tools Only

10-004 SKT 1/4DR 6PT 1/8
10-005 SKT 1/4DR 6PT 5/32
10-006 SKT 1/4DR 6PT 3/16
10-007 SKT 1/4DR 6PT 7/32
10-008 SKT 1/4DR 6PT 1/4
10-009 SKT 1/4DR 6PT 9/32
10-010 SKT 1/4DR 6PT 5/16
10-011 SKT 1/4DR 6PT 11/32
10-012 SKT 1/4DR 6PT 3/8
10-014 SKT 1/4DR 6PT 7/16
10-016 SKT 1/4DR 6PT 1/2
10-018 SKT 1/4DR 6PT 9/16
10-204 SKT 1/4DR 6PT 1/8 DP
10-205 SKT 1/4DR 6PT 5/32 DP
10-206 SKT 1/4DR 6PT 3/16 DP
10-207 SKT 1/4DR 6PT 7/32 DP
10-208 SKT 1/4DR 6PT 1/4 DP
10-209 SKT 1/4DR 6PT 9/32 DP
10-210 SKT 1/4DR 6PT 5/16 DP
10-211 SKT 1/4DR 6PT 11/32 DP
10-212 SKT 1/4DR 6PT 3/8 DP
10-214 SKT 1/4DR 6PT 7/16 DP
10-216 SKT 1/4DR 6PT 1/2 DP
10-218 SKT 1/4DR 6PT 9/16 DP
10-408 SKT 1/4DR 4PT 1/4
10-410 SKT 1/4DR 8PT 5/16
10-412 SKT 1/4DR 8PT 3/8
10-705 SKT 1/4 DR HEX BIT 5/64
10-706 SKT 1/4 DR HEX BIT 3/32
10-707 SKT 1/4 DR HEX BIT 7/64
10-708 SKT 1/4 DR HEX BIT 1/8
10-709 SKT 1/4 DR HEX BIT 9/64
10-710 SKT 1/4 DR HEX BIT 5/32
10-711 SKT 1/4 DR HEX BIT 3/16
10-712 SKT 1/4 DR HEX BIT 7/32
10-713 SKT 1/4 DR HEX BIT 1/4
10-714 SKT 1/4 DR HEX BIT 5/16
10-801 SKT 1/4DR SLT BIT 3/16
10-802 SKT 1/4DR SLT BIT 1/4
10-821 SKT 1/4DR PHLP BIT #1
10-822 SKT 1/4DR PHLP BIT #2
10-823 SKT 1/4DR PHLP BIT #3
10-870 SKT 1/4DR TRX BIT T10
10-872 SKT 1/4DR TRX BIT T15
10-874 SKT 1/4DR TRX BIT T20
10-876 SKT 1/4DR TRX BIT T25
10-878 SKT 1/4DR TRX BIT T27
10-880 SKT 1/4DR TRX BIT T30
10-918 HDL FLX 1/4DR 5-3/4
10-921 EXTEN 1/4DR 2
10-922 EXTEN 1/4DR 4
10-923 EXTEN 1/4DR 6
10-925 EXTEN 1/4DR 14
10-929 EXTEN 1/4DR FLX 6
10-931 ADP 1/4DR LCK 1-5/8
10-935 HDL SPD 1/4DR 15-3/4
10-938 HDL T 1/4DR 4-1/2
10-943 HDL SPIN 1/4DR 6
10-945 RAT SPIN 1/4DR
10-947 UNV JNT 1/4DR
10-972 RAT 1/4DR 5-9/32 REPL 10-903
67-460 10" LOCKING PLIERS
11-108 SKT 3/8DR 12PT 1/4
11-110 SKT 3/8DR 12PT 5/16
11-112 SKT 3/8DR 12PT 3/8
11-114 SKT 3/8DR 12PT 7/16
11-116 SKT 3/8DR 12PT 1/2
11-118 SKT 3/8DR 12PT 9/16
11-120 SKT 3/8DR 12PT 5/8
11-122 SKT 3/8DR 12PT 11/16
11-124 SKT 3/8DR 12PT 3/4
11-126 SKT 3/8DR 12PT 13/16
11-128 SKT 3/8DR 12PT 7/8
11-130 SKT 3/8DR 12PT 15/16
11-132 SKT 3/8DR 12PT 1
11-308 SKT 3/8DR 12PT 1/4 DP
11-310 SKT 3/8DR 12PT 5/16 DP
11-312 SKT 3/8DR 12PT 3/8 DP
11-314 SKT 3/8DR 12PT 7/16 DP
11-316 SKT 3/8DR 12PT 1/2 DP
11-318 SKT 3/8DR 12PT 9/16 DP
11-320 SKT 3/8DR 12PT 5/8 DP
11-322 SKT 3/8DR 12PT 11/16 DP
11-324 SKT 3/8DR 12PT 3/4 DP
11-326 SKT 3/8DR 12PT 13/16 DP
11-328 SKT 3/8DR 12PT 7/8 DP
11-330 SKT 3/8DR 12PT 15/16 DP
11-332 SKT 3/8DR 12PT 1 DP
11-408 SKT 3/8DR 8PT 1/4
11-410 SKT 3/8DR 8PT 5/16
11-412 SKT 3/8DR 8PT 3/8
11-414 SKT 3/8DR 8PT 7/16
11-416 SKT 3/8DR 8PT 1/2
11-512 SKT 3/8DR UNV 12PT 3/8
11-514 SKT 3/8DR UNV 12PT 7/16
11-516 SKT 3/8DR UNV 12PT 1/2
11-518 SKT 3/8DR UNV 12PT 9/16
11-520 SKT 3/8DR UNV 12PT 5/8
11-522 SKT 3/8DR UNV 12PT 11/16
11-524 SKT 3/8DR UNV 12PT 3/4
11-708 SKT 3/8DR HEX BIT 1/8
11-710 SKT 3/8DR HEX BIT 5/32
11-711 SKT 3/8DR HEX BIT 3/16
11-712 SKT 3/8DR HEX BIT 7/32
11-713 SKT 3/8DR HEX BIT 1/4
11-714 SKT 3/8DR HEX BIT 5/16
11-715 SKT 3/8DR HEX BIT 3/8
11-802 SKT 3/8DR SLT BIT 1/4
11-822 SKT 3/8DR PHLP BIT #2
11-825 SKT 3/8DR PHLP BIT #3
11-828 SKT 3/8DR PHLP BIT #4
11-842 WR 3/8DR CRFT FLR NUT 5/8
11-843 WR 3/8DR CRFT FLR NUT 11/16
11-844 WR 3/8DR CRFT FLR NUT 3/4
11-845 WR 3/8DR CRFT FLR NUT 13/16
11-846 WR 3/8DR CRFT FLR NUT 7/8
11-847 WR 3/8DR CRFT FLR NUT 15/16
11-848 WR 3/8DR CRFT FLR NUT 1
11-849 WR 3/8DR CRFT FLR NUT 1-1/16
11-850 WR 3/8DR CRFT 3/8
11-851 WR 3/8DR CRFT 7/16
11-852 WR 3/8DR CRFT 1/2
11-853 WR 3/8DR CRFT 9/16
11-854 WR 3/8DR CRFT 5/8
11-855 WR 3/8DR CRFT 11/16
11-856 WR 3/8DR CRFT 3/4
11-857 WR 3/8DR CRFT 13/16
11-858 WR 3/8DR CRFT 7/8
11-872 SKT 3/8DR TRX BIT T15
11-874 SKT 3/8DR TRX BIT T20
11-876 SKT 3/8DR TRX BIT T25
11-878 SKT 3/8DR TRX BIT T27
11-880 SKT 3/8DR TRX BIT T30
11-882 SKT 3/8DR TRX BIT T40
11-884 SKT 3/8DR TRX BIT T45
11-886 SKT 3/8DR TRX BIT T50
11-915 RAT 3/8DR RH 7-1/2
11-918 HDL FLX 3/8DR 8-1/2
11-922 EXTEN 3/8DR 3
11-923 EXTEN 3/8DR 6
11-927 EXTEN 3/8DR 12
11-928 EXTEN 3/8DR 20
11-929 EXTEN FLX 3/8DR 7-1/4
11-931 ADP 3/8DR LCK 2-1/8
11-935 HDL SPD 3/8DR 16-1/2
11-938 HDL T 3/8DR 8
11-943 HDL SPIN 3/8DR 6
11-947 UNV JNT 3/8DR
11-951 ADP 3/8DR 3/8FX1/4M
11-972 RAT 3/8DR 7-3/8 REPL 11-903
11-973 RAT 3/8DR 10-1/2 REPL 11-904
12-112 SKT 1/2DR 12PT 3/8
12-114 SKT 1/2DR 12PT 7/16
12-116 SKT 1/2DR 12PT 1/2
12-118 SKT 1/2DR 12PT 9/16
12-120 SKT 1/2DR 12PT 5/8
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-134 SKT 1/2DR 12PT 1-1/16
12-136 SKT 1/2DR 12PT 1-1/8
12-140 SKT 1/2DR 12PT 1-1/4
12-316 SKT 1/2DR 12PT 1/2 DP
12-318 SKT 1/2DR 12PT 9/16 DP
12-320 SKT 1/2DR 12PT 5/8 DP
12-322 SKT 1/2DR 12PT 11/16 DP
12-324 SKT 1/2DR 12PT 3/4 DP
12-326 SKT 1/2DR 12PT 13/16 DP
12-328 SKT 1/2DR 12PT 7/8 DP
12-330 SKT 1/2DR 12PT 15/16 DP
12-332 SKT 1/2DR 12PT 1 DP
12-334 SKT 1/2DR 12PT 1-1/16 DP
12-336 SKT 1/2DR 12PT 1-1/8 DP
12-340 SKT 1/2DR 12PT 1-1/4 DP
12-516 SKT 1/2DR UNV 12PT 1/2
12-518 SKT 1/2DR UNV 12PT 9/16
12-520 SKT 1/2DR UNV 12PT 5/8
12-522 SKT 1/2DR UNV 12PT 11/16
12-524 SKT 1/2DR UNV 12PT 3/4
12-713 SKT 1/2DR HEX BIT 1/4
12-714 SKT 1/2DR HEX BIT 5/16
12-715 SKT 1/2DR HEX BIT 3/8
12-716 SKT 1/2DR HEX BIT 7/16
12-717 SKT 1/2DR HEX BIT 1/2
12-718 SKT 1/2DR HEX BIT 9/16
12-719 SKT 1/2DR HEX BIT 5/8
12-840 WR 1/2DR CRFT FLR NUT 1-1/8
12-841 WR 1/2DR CRFT FLR NUT 1-3/16
12-842 WR 1/2DR CRFT FLR NUT 1-1/4
12-843 WR 1/2DR CRFT FLR NUT 1-5/16
12-844 WR 1/2DR CRFT FLR NUT 1-3/8

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Set 15-006 761 Pc. Master Set Cont.

12-845 WR 1/2DR CRFT FLR NUT 1-7/16
12-846 WR 1/2DR CRFT FLR NUT 1-1/2
12-847 WR 1/2DR CRFT FLR NUT 1-9/16
12-848 WR 1/2DR CRFT FLR NUT 1-5/8
12-849 WR 1/2DR CRFT FLR NUT 1-11/16
12-850 WR 1/2DR CRFT FLR NUT 1-3/4
12-851 WR 1/2DR CRFT FLR NUT 1-13/16
12-852 WR 1/2DR CRFT FLR NUT 1-7/8
12-853 WR 1/2DR CRFT FLR NUT 1-15/16
12-854 WR 1/2DR CRFT FLR NUT 2
12-878 SKT 1/2DR TRX BIT T27
12-880 SKT 1/2DR TRX BIT T30
12-882 SKT 1/2DR TRX BIT T40
12-884 SKT 1/2DR TRX BIT T45
12-886 SKT 1/2DR TRX BIT T50
12-888 SKT 1/2DR TRX BIT T55
12-892 SKT 1/2DR DRAG LNK 7/64
12-915 RAT 1/2DR RH 10-1/2
12-918 HDL FLX 1/2DR 17
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-927 EXTEN 1/2DR 20
12-945 RAT SPIN 1/2DR
12-948 STUD REMOV 1/2DR
12-972 RAT 1/2DR 10-1/2 REPL 12-903
12-974 RAT 1/2DR FLX 14-1/4
13-128 SKT 3/4DR 12PT 7/8
13-130 SKT 3/4DR 12PT 15/16
13-132 SKT 3/4DR 12PT 1
13-134 SKT 3/4DR 12PT 1-1/16
13-136 SKT 3/4DR 12PT 1-1/8
13-138 SKT 3/4DR 12PT 1-3/16
13-140 SKT 3/4DR 12PT 1-1/4
13-142 SKT 3/4DR 12PT 1-5/16
13-144 SKT 3/4DR 12PT 1-3/8
13-146 SKT 3/4DR 12PT 1-7/16
13-148 SKT 3/4DR 12PT 1-1/2
13-150 SKT 3/4DR 12PT 1-9/16
13-152 SKT 3/4DR 12PT 1-5/8
13-154 SKT 3/4DR 12PT 1-11/16
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13-160 SKT 3/4DR 12PT 1-7/8
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13-168 SKT 3/4DR 12PT 2-1/8
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19-610 SKT IMP 3/8DR 6PT 5/16
19-612 SKT IMP 3/8DR 6PT 3/8
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19-616 SKT IMP 3/8DR 6PT 1/2
19-618 SKT IMP 3/8DR 6PT 9/16
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19-624 SKT IMP 3/8DR 6PT 3/4
19-708 SKT IMP 3/8DR 6PT DP 1/4
19-710 SKT IMP 3/8DR 6PT DP 5/16
19-712 SKT IMP 3/8DR 6PT DP 3/8
19-714 SKT IMP 3/8DR 6PT DP 7/16
19-716 SKT IMP 3/8DR 6PT DP 1/2
19-718 SKT IMP 3/8DR 6PT DP 9/16
19-720 SKT IMP 3/8DR 6PT DP 5/8
19-722 SKT IMP 3/8DR 6PT DP 11/16
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20-016 SKT IMP 1/2DR 6PT 1/2
20-018 SKT IMP 1/2DR 6PT 9/16
20-020 SKT IMP 1/2DR 6PT 5/8
20-022 SKT IMP 1/2DR 6PT 11/16
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20-026 SKT IMP 1/2DR 6PT 13/16
20-028 SKT IMP 1/2DR 6PT 7/8
20-030 SKT IMP 1/2DR 6PT 15/16
20-032 SKT IMP 1/2DR 6PT 1
20-034 SKT IMP 1/2DR 6PT 1-1/16
20-036 SKT IMP 1/2DR 6PT 1-1/8
20-216 SKT IMP 1/2DR 6PT 1/2 DP
20-218 SKT IMP 1/2DR 6PT 9/16 DP
20-220 SKT IMP 1/2DR 6PT 5/8 DP
20-222 SKT IMP 1/2DR 6PT 11/16 DP
20-224 SKT IMP 1/2DR 6PT 3/4 DP
20-226 SKT IMP 1/2DR 6PT 13/16 DP
20-228 SKT IMP 1/2DR 6PT 7/8 DP
20-230 SKT IMP 1/2DR 6PT 15/16 DP
25-004 WR COMB 6PT SHT 1/8 FP
25-005 WR COMB 6PT SHT 5/32 FP
25-006 WR COMB 6PT SHT 3/16 FP
25-008 WR COMB 6PT SHT 1/4 FP
25-009 WR COMB 6PT SHT 9/32 FP
25-010 WR COMB 6PT SHT 5/16 FP
25-011 WR COMB 6PT SHT 11/32 FP
25-012 WR COMB 6PT SHT 3/8 FP
25-108 WR COMB 12PT SHT 1/4 FP
25-110 WR COMB 12PT SHT 5/16 FP
25-112 WR COMB 12PT SHT 3/8 FP
25-114 WR COMB 12PT SHT 7/16 FP
25-116 WR COMB 12PT SHT 1/2 FP
25-118 WR COMB 12PT SHT 9/16 FP
25-120 WR COMB 12PT SHT 5/8 FP
25-122 WR COMB 12PT SHT 11/16 FP
25-124 WR COMB 12PT SHT 3/4 FP
25-126 WR COMB 12PT SHT 13/16 FP
25-128 WR COMB 12PT SHT 7/8 FP
25-130 WR COMB 12PT SHT 15/16 FP
25-132 WR COMB 12PT SHT 1 FP
25-162 WR COMB 12PT X SHT 3/8 FP
25-164 WR COMB 12PT X SHT 7/16 FP
25-166 WR COMB 12PT X SHT 1/2 FP
25-168 WR COMB 12PT X SHT 9/16 FP
25-170 WR COMB 12PT X SHT 5/8 FP
25-172 WR COMB 12PT X SHT 11/16 FP
25-174 WR COMB 12PT X SHT 3/4 FP
25-208 WR COMB 12PT LNG 1/4 FP
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12 PT LNG 11/16
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-238 WR COMB 12 PT 1-3/16
25-240 WR COMB 12PT LNG 1-1/4 FP
25-242 WR COMB 12PT LNG 1-5/16
25-244 WR COMB 12PT LNG 1-3/8
25-246 WR COMB 12PT LNG 1-7/16
25-248 WR COMB 12PT LNG 1-1/2
25-252 WR COMB 12PT LNG 1-5/8
25-412 WR COMB 12PT XL 3/8 FP
25-414 WR COMB 12PT XL 7/16 FP
25-416 WR COMB 12PT XL 1/2 FP
25-418 WR COMB 12PT XL 9/16 FP
25-420 WR COMB 12PT XL 5/8 FP
25-422 WR COMB 12PT XL 11/16 FP
25-424 WR COMB 12PT XL 3/4 FP
25-426 WR COMB 12PT XL 13/16 FP
25-428 WR COMB 12PT XL 7/8 FP
25-430 WR COMB 12PT XL 15/16 FP
25-432 WR COMB 12PT XL 1 FP
25-508 WR COMB FLX HD 12PT 1/4 FP
25-510 WR COMB FLX HD 12PT 5/16 FP
25-512 WR COMB FLX HD 12PT 3/8 FP
25-514 WR COMB FLX HD 12PT 7/16 FP
25-516 WR COMB FLX HD 12PT 1/2 FP
25-518 WR COMB FLX HD 12PT 9/16 FP
25-520 WR COMB FLX HD 12PT 5/8 FP
25-522 WR COMB FLX HD 12PT 11/16 FP
25-524 WR COMB FLX HD 12PT 3/4 FP
25-526 WR COMB FLX HD 12PT 13/16 FP
25-528 WR COMB FLX HD 12PT 7/8 FP
26-022 WR OE 1/4X5/16 FP
26-043 WR OE 3/8X7/16 FP
26-067 WR OE 1/2X9/16 FP
26-094 WR OE 5/8X11/16 FP
26-121 WR OE 3/4X13/16 FP
26-139 WR OE 7/8X15/16 FP
26-163 WR OE 1X1-1/8 FP
26-169 WR OE 1-1/16X1-1/4 FP
26-187 WR OE 1-5/16X1-1/2 FP
26-190 WR OE 1-3/8X1-7/16 FP
27-343 WR BX 12PT LNG 3/8X7/16 FP
27-367 WR BX 12PT LNG 1/2X9/16 FP
27-394 WR BX 12PT LNG 5/8X11/16 FP
27-424 WR BX 12PT LNG 3/4X7/8 FP
27-451 WR BX 12PT LNG 15/16X1 FP
27-466 WR BX 12PT LNG 1-1/16X1-1/8 FP
27-510 WR GEARED BOX 12PT 3/8 FP
27-511 WR GEARED BOX 12PT 7/16 FP
27-512 WR GEARED BOX 12PT 1/2 FP
27-513 WR GEARED BOX 12PT 9/16 FP
27-514 WR GEARED BOX 12PT 5/8 FP
27-515 WR GEARED BOX 12PT 11/16 FP
27-516 WR GEARED BOX 12PT 3/4 FP
27-812 WR ANG OE 3/8 15&60D FP
27-814 WR ANG OE 7/16 15&60D FP
27-816 WR ANG OE 1/2 15&60D FP
27-818 WR ANG OE 9/16 15&60D FP
27-820 WR ANG OE 5/8 15&60D FP
27-822 WR ANG OE 11/16 15&60D FP
27-824 WR ANG OE 3/4 15&60D FP
27-826 WR ANG OE 13/16 15&60D FP
27-828 WR ANG OE 7/8 15&60D FP
27-830 WR ANG OE 15/16 15&60D FP
27-832 WR ANG OE 1 15&60D FP
27-834 WR ANG OE 1-1/16 15&60D FP
27-836 WR ANG OE 1-1/8 15&60D FP
27-840 WR ANG OE 1-1/4 15&60D FP
27-903 WR ANG OE 13/64 MDGT 15&75D FP
27-904 WR ANG OE 15/64 MDGT 15&75D FP
27-907 WR ANG OE 7/32 MDGT 15&75D FP
27-908 WR ANG OE 1/4 MDGT 15&75D FP
27-909 WR ANG OE 9/32 MDGT 15&75D FP
27-910 WR ANG OE 5/16 MDGT 15&75D FP
27-911 WR ANG OE 11/32 MDGT 15&75D FP
27-912 WR ANG OE 3/8 MDGT 15&75D FP
28-130 WR FLR NUT 6PT 3/8X7/16 FP
28-135 WR FLR NUT 6PT 1/2X9/16 FP
28-140 WR FLR NUT 6PT 5/8X11/16 FP
28-145 WR FLR NUT 12PT 3/4X1 FP
28-150 WR FLR NUT 12PT 7/8X1-1/8 FP
28-406 WR ADJ 6
28-408 WR ADJ 8
28-410 WR ADJ 10
28-412 WR ADJ 12
28-418 WR ADJ 18
37-004 SKT 1/4DR 6PT 4MM
37-005 SKT 1/4DR 6PT 5MM
37-006 SKT 1/4DR 6PT 6MM
37-007 SKT 1/4DR 6PT 7MM
37-008 SKT 1/4DR 6PT 8MM
37-009 SKT 1/4DR 6PT 9MM
37-010 SKT 1/4DR 6PT 10MM
37-011 SKT 1/4DR 6PT 11MM
37-012 SKT 1/4DR 6PT 12MM
37-013 SKT 1/4DR 6PT 13MM
37-014 SKT 1/4DR 6PT 14MM
37-083 SKT 1/4DR 6PT 5.5MM
37-703 SKT 1/4DR HEX BIT 2MM
37-704 SKT 1/4DR HEX BIT 2.5MM
37-705 SKT 1/4DR HEX BIT 3MM
37-707 SKT 1/4DR HEX BIT 4MM
37-709 SKT 1/4DR HEX BIT 5MM
37-711 SKT 1/4DR HEX BIT 6MM
38-106 SKT 3/8DR 12PT 6MM
38-107 SKT 3/8DR 12PT 7MM
38-108 SKT 3/8DR 12PT 8MM
38-109 SKT 3/8DR 12PT 9MM
38-110 SKT 3/8DR 12PT 10MM
38-111 SKT 3/8DR 12PT 11MM
38-112 SKT 3/8DR 12PT 12MM
38-113 SKT 3/8DR 12PT 13MM
38-114 SKT 3/8DR 12PT 14MM
38-115 SKT 3/8DR 12PT 15MM
38-116 SKT 3/8DR 12PT 16MM
38-117 SKT 3/8DR 12PT 17MM
38-118 SKT 3/8DR 12PT 18MM
38-119 SKT 3/8DR 12PT 19MM
38-120 SKT 3/8DR 12PT 20MM
38-121 SKT 3/8DR 12PT 21MM
38-122 SKT 3/8DR 12PT 22MM
38-123 SKT 3/8DR 12PT 23MM
38-126 SKT 3/8DR 12PT 26MM
38-306 SKT 3/8DR 12PT 6MM DP
38-307 SKT 3/8DR 12PT 7MM DP
38-308 SKT 3/8DR 12PT 8MM DP
38-309 SKT 3/8DR 12PT 9MM DP
38-310 SKT 3/8DR 12PT 10MM DP
38-311 SKT 3/8DR 12PT 11MM DP
38-312 SKT 3/8DR 12PT 12MM DP
38-313 SKT 3/8DR 12PT 13MM DP
38-314 SKT 3/8DR 12PT 14MM DP
38-315 SKT 3/8DR 12PT 15MM DP
38-316 SKT 3/8DR 12PT 16MM DP
38-317 SKT 3/8DR 12PT 17MM DP
38-318 SKT 3/8DR 12PT 18MM DP
38-319 SKT 3/8DR 12PT 19MM DP
38-320 SKT 3/8DR 12PT 20MM DP
38-321 SKT 3/8DR 12PT 21MM DP
38-322 SKT 3/8DR 12PT 22MM DP
38-323 SKT 3/8DR 12PT 23MM DP
38-707 SKT 3/8DR HEX BIT 4MM
38-709 SKT 3/8DR HEX BIT 5MM
38-711 SKT 3/8DR HEX BIT 6MM
38-712 SKT 3/8DR HEX BIT 7MM
38-713 SKT 3/8DR HEX BIT 8MM
38-714 SKT 3/8DR HEX BIT 9MM
38-715 SKT 3/8DR HEX BIT 10MM
38-850 WR 3/8DR CRFT 10 MM
38-851 WR 3/8DR CRFT 11 MM
38-852 WR 3/8DR CRFT 12 MM
38-853 WR 3/8DR CRFT 13 MM
38-854 WR 3/8DR CRFT 14 MM
38-855 WR 3/8DR CRFT 15 MM
38-856 WR 3/8DR CRFT 16 MM
38-857 WR 3/8DR CRFT 17 MM
38-858 WR 3/8DR CRFT 18 MM
38-859 WR 3/8DR CRFT 19 MM
38-861 WR 3/8DR CRFT 21 MM
38-862 WR 3/8DR CRFT 22 MM
39-110 SKT 1/2DR 12PT 10MM
39-111 SKT 1/2DR 12PT 11MM
39-112 SKT 1/2DR 12PT 12MM
39-113 SKT 1/2DR 12PT 13MM
39-114 SKT 1/2DR 12PT 14MM
39-115 SKT 1/2DR 12PT 15MM
39-116 SKT 1/2DR 12PT 16MM
39-117 SKT 1/2DR 12PT 17MM
39-118 SKT 1/2DR 12PT 18MM
39-119 SKT 1/2DR 12PT 19MM
39-120 SKT 1/2DR 12PT 20MM
39-121 SKT 1/2DR 12PT 21MM
39-122 SKT 1/2DR 12PT 22MM
39-123 SKT 1/2DR 12PT 23MM
39-124 SKT 1/2DR 12PT 24MM
39-125 SKT 1/2DR 12PT 25MM
39-126 SKT 1/2DR 12PT 26MM
39-127 SKT 1/2DR 12PT 27MM
39-128 SKT 1/2DR 12PT 28MM
39-129 SKT 1/2DR 12PT 29MM
39-130 SKT 1/2DR 12PT 30MM
39-132 SKT 1/2DR 12PT 32MM
39-136 SKT 1/2DR 12PT 36MM
39-310 SKT 1/2DR 12PT 10MM DP
39-311 SKT 1/2DR 12PT 11MM DP
39-312 SKT 1/2DR 12PT 12MM DP
39-313 SKT 1/2DR 12PT 13MM DP
39-314 SKT 1/2DR 12PT 14MM DP
39-315 SKT 1/2DR 12PT 15MM DP
39-316 SKT 1/2DR 12PT 16MM DP
39-317 SKT 1/2DR 12PT 17MM DP
39-318 SKT 1/2DR 12PT 18MM DP
39-319 SKT 1/2DR 12PT 19MM DP
39-320 SKT 1/2DR 12PT 20MM DP
39-321 SKT 1/2DR 12PT 21MM DP
39-322 SKT 1/2DR 12PT 22MM DP
39-323 SKT 1/2DR 12PT 23MM DP
39-324 SKT 1/2DR 12PT 24MM DP
39-325 SKT 1/2DR 12PT 25MM DP
39-326 SKT 1/2DR 12PT 26MM DP
39-327 SKT 1/2DR 12PT 27MM DP
39-328 SKT 1/2DR 12PT 28MM DP
39-329 SKT 1/2DR 12PT 29MM DP
39-330 SKT 1/2DR 12PT 30MM DP
39-332 SKT 1/2DR 12PT 32MM DP
39-711 SKT 1/2DR HEX BIT 6MM
39-713 SKT 1/2DR HEX BIT 8MM
39-715 SKT 1/2DR HEX BIT 10MM
39-717 SKT 1/2DR HEX BIT 12MM
39-719 SKT 1/2DR HEX BIT 14MM
39-722 SKT 1/2DR HEX BIT 17MM
52-207 WR COMB 12PT LNG 7MM
52-208 WR COMB 12PT LNG 8MM
52-209 WR COMB 12PT LNG 9MM
52-210 WR COMB 12PT LNG 10MM
52-211 WR COMB 12PT LNG 11MM
52-212 WR COMB 12PT LNG 12MM
52-213 WR COMB 12PT LNG 13MM
52-214 WR COMB 12PT LNG 14MM
52-215 WR COMB 12PT LNG 15MM
52-216 WR COMB 12PT LNG 16MM
52-217 WR COMB 12PT LNG 17MM
52-218 WR COMB 12PT LNG 18MM
52-219 WR COMB 12PT LNG 19MM
52-220 WR COMB 12PT LNG 20MM
52-221 WR COMB 12PT LNG 21MM
53-016 WR OE 6X7MM FP
53-022 WR OE 8X9MM FP
53-034 WR OE 10X11MM FP
53-052 WR OE 12X13MM FP
53-067 WR OE 14X15MM FP
53-082 WR OE 16X17MM FP
53-096 WR OE 18X19MM FP
53-115 WR OE 20X22MM FP
53-119 WR OE 21X23MM FP
53-142 WR OE 24X26MM FP
54-322 WR BX LNG 12PT 8X9MM FP
54-334 WR BX LNG 12PT 10X11MM FP
54-352 WR BX LNG 12PT 12X13MM FP
54-367 WR BX LNG 12PT 14X15MM FP
54-385 WR BX LNG 12PT 16X18MM FP
54-391 WR BX LNG 12PT 17X19MM FP
54-415 WR BX LNG 12PT 20X22MM FP
54-419 WR BX LNG 12PT 21X23MM FP
54-445 WR BX LNG 12PT 24X27MM FP
54-510 WR GEARED BOX 12PT 10MM FP
54-511 WR GEARED BOX 12PT 11MM FP
54-512 WR GEARED BOX 12PT 12MM FP
54-513 WR GEARED BOX 12PT 13MM FP
54-514 WR GEARED BOX 12PT 14MM FP
54-515 WR GEARED BOX 12PT 15MM FP
54-516 WR GEARED BOX 12PT 16MM FP
54-517 WR GEARED BOX 12PT 17MM FP
54-518 WR GEARED BOX 12PT 18MM FP
54-519 WR GEARED BOX 12PT 19MM FP
55-310 WR RAT FLR NUT 12PT 10MM
55-311 WR RAT FLR NUT 12PT 11MM
55-312 WR RAT FLR NUT 12PT 12MM
55-313 WR RAT FLR NUT 12PT 13MM
55-314 WR RAT FLR NUT 12PT 14MM
55-315 WR RAT FLR NUT 12PT 15MM
55-316 WR RAT FLR NUT 12PT 16MM
55-317 WR RAT FLR NUT 12PT 17MM
55-318 WR RAT FLR NUT 12PT 18MM
55-319 WR RAT FLR NUT 12PT 19MM
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56184 11 PC SCRDR HEX KEY SET
56188 8 PC MET SCRDR HEX KEY SET
56192 22 PC BALL PLUS SET
64-086 WR TRQ 1/2DR 25-250 FT/LB
66-150 SCRDR PHLP #2X1-1/2
66-152 SCRDR PHLP #0X2-1/2
66-153 SCRDR PHLP #1X3
66-155 SCRDR PHLP #1X6
66-156 SCRDR PHLP #2X4
66-158 SCRDR PHLP #2X8
66-161 SCRDR PHLP #3X6
66-164 SCRDR PHLP #4X8
66-203 SCRDR SLT 3/16X4 SQ
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
66-226 SCRDR SLT 7/16X12 SQ
66-232 SCRDR SLT 1/4X1-1/2 SQ
66-253 SCRDR CAB 1/8X3
66-255 SCRDR CAB 1/8X4
66-259 SCRDR CAB 1/8X8
66-262 SCRDR CAB 3/16X4
66-268 SCRDR CAB 3/16X8
66-806 NUT DR 3/16 HOLL SHFT
66-807 NUT DR 7/32 HOLL SHFT
66-808 NUT DR 1/4 HOLL SHFT
66-809 NUT DR 9/32 HOLL SHFT
66-810 NUT DR 5/16 HOLL SHFT
66-811 NUT DR 11/32 HOLL SHFT
66-812 NUT DR 3/8 HOLL SHFT
66-814 NUT DR 7/16 HOLL SHFT
66-816 NUT DR 1/2 HOLL SHFT
66-818 NUT DR 9/16 HOLL SHFT
66-820 NUT DR 5/8 HOLL SHFT
66-924 SCR START SLT 5
66-933 SCR START PHLP 5
66-943 SCR START NUT 5
67-069 PLR LNMN 9-1/2 W/GRP
67-113 PLR DIAG CUT 8 HD W/GRP
67-161 PLR DIAG CUT 6-3/8 W/GRP
67-255 PLR CHN NSE 5-3/8 W/GRP
67-307 PLR CHN NSE 7-3/4 SD CUT W/GRP
67-357 PLR NDL NSE 5-7/16 W/GRP
67-401 PLR NDL NSE 5-7/8 CURV W/GRP
67-503 PLR DKBL 8 W/GRP
67-535 PLR END CUT 7-3/8 W/GRP
67-667 PLR SLP JNT 6-1/2 W/GRP
67-671 PLR SLP JNT 10 W/GRP

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ARMSTRONG INDUSTRIAL HAND TOOLS

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67-779 PLR TNG&GRV 10 W/GRP
67-783 PLR TNG&GRV 16 W/GRP
67-830 PLR IGNITION 5-1/4 W/GRP
68-079 SET RET RNG PLR
68-241 SNIPS MINI 6-1/2
68-255 SNIPS AVN 10 STRT
68-275 SNIPS STRT 12-3/4
68-310 KNFE UTIL RETRACT
68-445 TP MEAS 1X25 LCK AUTO
69-444 HMR BLL PN 8OZ WD HDL
69-448 HMR BLL PN 1LB WD HDL
69-452 HMR BLL PN 2LB WD HDL
69-490 RBR MALL 32OZ 16-1/2
69-515 HMR BRS 2.5LB W/GRP
69-530 HMR DEAD BLOW STD 10OZ
69-532 HMR DEAD BLOW STD 21OZ
69-543 HMR DEAD BLOW SLIMLINE 21OZ
69-605 HMR DRL 3LB WD HDL
67-436 6" LOCKING PLIERS
70-000 PUNCH & CHISEL HOLDER
70-103 PNCH PIN 3/32 TIP
70-105 PNCH PIN 1/8 TIP
70-107 PNCH PIN 5/32 TIP
70-109 PNCH PIN 3/16 TIP
70-129 PNCH PIN 7/32 TIP
70-131 PNCH PIN 1/4 TIP
70-155 PNCH START 3/32 TIP
70-157 PNCH START 1/8 TIP
70-161 PNCH START 3/16 TIP
70-163 PNCH START 7/32 TIP
70-165 PNCH START 1/4 TIP
70-189 PNCH DRFT 1/8 TIP
70-193 PNCH DRFT 3/16 TIP
70-197 PNCH DRFT 1/4 TIP
70-235 PNCH CNTR 3/8
70-239 PNCH CNTR 1/2
70-255 PNCH PRCK 3/8
70-301 CHSL CLD 1/4 TIP
70-303 CHSL CLD 5/16 TIP
70-305 CHSL CLD 3/8 TIP
70-309 CHSL CLD 1/2 TIP
70-311 CHSL CLD 5/8 TIP
70-313 CHSL CLD 3/4 TIP
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70-319 CHSL CLD 1-1/8 TIP
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70-505 ALIGNING BAR PINCH 3/4X24
70-519 CHSL BAR ROLL1/2X15
70-521 CHSL BAR ROLL 5/8X18
70-793 SET FEELER GAUGE 25 BLADE
70-865 HCKS FLT FRM
70-925 TELESCP MIRR 2-1/4 DIA
70-933 RETR TL MAG TELESCP
70-970 SCREW EXTRACTOR SET
73-010 WR PIPE 10 HD
73-014 WR PIPE 14 HD
73-018 WR PIPE 18 HD
73-295 CHAIN 3/8 TO 4
78-406 C-CL THRT DP 6 STD SCREW BLK (2)
67-407 7" LOCKING PLIERS

Set 15-011 623 Pc. Master Set - Tools Only

10-006 SKT 1/4DR 6PT 3/16
10-007 SKT 1/4DR 6PT 7/32
10-008 SKT 1/4DR 6PT 1/4
10-009 SKT 1/4DR 6PT 9/32
10-010 SKT 1/4DR 6PT 5/16
10-011 SKT 1/4DR 6PT 11/32
10-012 SKT 1/4DR 6PT 3/8
10-014 SKT 1/4DR 6PT 7/16
10-016 SKT 1/4DR 6PT 1/2
10-018 SKT 1/4DR 6PT 9/16
10-206 SKT 1/4DR 6PT 3/16 DP
10-207 SKT 1/4DR 6PT 7/32 DP
10-208 SKT 1/4DR 6PT 1/4 DP
10-209 SKT 1/4DR 6PT 9/32 DP
10-210 SKT 1/4DR 6PT 5/16 DP
10-211 SKT 1/4DR 6PT 11/32 DP
10-212 SKT 1/4DR 6PT 3/8 DP
10-214 SKT 1/4DR 6PT 7/16 DP
10-216 SKT 1/4DR 6PT 1/2 DP
10-218 SKT 1/4DR 6PT 9/16 DP
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10-412 SKT 1/4DR 8PT 3/8
10-704 SKT 1/4 DR HEX BIT 1/16
10-705 SKT 1/4 DR HEX BIT 5/64
10-706 SKT 1/4 DR HEX BIT 3/32
10-707 SKT 1/4 DR HEX BIT 7/64
10-708 SKT 1/4 DR HEX BIT 1/8
10-709 SKT 1/4 DR HEX BIT 9/64
10-710 SKT 1/4 DR HEX BIT 5/32
10-711 SKT 1/4 DR HEX BIT 3/16
10-712 SKT 1/4 DR HEX BIT 7/32
10-713 SKT 1/4 DR HEX BIT 1/4
10-714 SKT 1/4 DR HEX BIT 5/16
10-801 SKT 1/4DR SLT BIT 3/16
10-802 SKT 1/4DR SLT BIT 1/4
10-821 SKT 1/4DR PHLP BIT #1
10-822 SKT 1/4DR PHLP BIT #2
10-823 SKT 1/4DR PHLP BIT #3
10-918 HDL FLX 1/4DR 5-3/4
10-921 EXTEN 1/4DR 2
10-922 EXTEN 1/4DR 4
10-923 EXTEN 1/4DR 6
10-929 EXTEN 1/4DR FLX 6
10-935 HDL SPD 1/4DR 15-3/4
10-938 HDL T 1/4DR 4-1/2
10-943 HDL SPIN 1/4DR 6
10-947 UNV JNT 1/4DR
10-972 RAT 1/4DR 5-9/32
67-410 10" LOCKING PLIERS
11-108 SKT 3/8DR 12PT 1/4
11-110 SKT 3/8DR 12PT 5/16
11-112 SKT 3/8DR 12PT 3/8
11-114 SKT 3/8DR 12PT 7/16
11-116 SKT 3/8DR 12PT 1/2
11-118 SKT 3/8DR 12PT 9/16
11-120 SKT 3/8DR 12PT 5/8
11-122 SKT 3/8DR 12PT 11/16
11-124 SKT 3/8DR 12PT 3/4
11-126 SKT 3/8DR 12PT 13/16
11-128 SKT 3/8DR 12PT 7/8
11-130 SKT 3/8DR 12PT 15/16
11-132 SKT 3/8DR 12PT 1
11-308 SKT 3/8DR 12PT 1/4 DP
11-310 SKT 3/8DR 12PT 5/16 DP
11-312 SKT 3/8DR 12PT 3/8 DP
11-314 SKT 3/8DR 12PT 7/16 DP
11-316 SKT 3/8DR 12PT 1/2 DP
11-318 SKT 3/8DR 12PT 9/16 DP
11-320 SKT 3/8DR 12PT 5/8 DP
11-322 SKT 3/8DR 12PT 11/16 DP
11-324 SKT 3/8DR 12PT 3/4 DP
11-326 SKT 3/8DR 12PT 13/16 DP
11-328 SKT 3/8DR 12PT 7/8 DP
11-330 SKT 3/8DR 12PT 15/16 DP
11-332 SKT 3/8DR 12PT 1 DP
11-408 SKT 3/8DR 8PT 1/4
11-410 SKT 3/8DR 8PT 5/16
11-412 SKT 3/8DR 8PT 3/8
11-414 SKT 3/8DR 8PT 7/16
11-416 SKT 3/8DR 8PT 1/2
11-512 SKT 3/8DR UNV 12PT 3/8
11-514 SKT 3/8DR UNV 12PT 7/16
11-516 SKT 3/8DR UNV 12PT 1/2
11-518 SKT 3/8DR UNV 12PT 9/16
11-520 SKT 3/8DR UNV 12PT 5/8
11-522 SKT 3/8DR UNV 12PT 11/16
11-524 SKT 3/8DR UNV 12PT 3/4
11-708 SKT 3/8DR HEX BIT 1/8
11-710 SKT 3/8DR HEX BIT 5/32
11-711 SKT 3/8DR HEX BIT 3/16
11-712 SKT 3/8DR HEX BIT 7/32
11-713 SKT 3/8DR HEX BIT 1/4
11-714 SKT 3/8DR HEX BIT 5/16
11-715 SKT 3/8DR HEX BIT 3/8
11-802 SKT 3/8DR SLT BIT 1/4
11-822 SKT 3/8DR PHLP BIT #2
11-825 SKT 3/8DR PHLP BIT #3
11-828 SKT 3/8DR PHLP BIT #4
11-850 WR 3/8DR CRFT 3/8
11-851 WR 3/8DR CRFT 7/16
11-852 WR 3/8DR CRFT 1/2
11-853 WR 3/8DR CRFT 9/16
11-854 WR 3/8DR CRFT 5/8
11-855 WR 3/8DR CRFT 11/16
11-856 WR 3/8DR CRFT 3/4
11-857 WR 3/8DR CRFT 13/16
11-858 WR 3/8DR CRFT 7/8
11-874 SKT 3/8DR TRX BIT T20
11-876 SKT 3/8DR TRX BIT T25
11-878 SKT 3/8DR TRX BIT T27
11-880 SKT 3/8DR TRX BIT T30
11-882 SKT 3/8DR TRX BIT T40
11-884 SKT 3/8DR TRX BIT T45
11-918 HDL FLX 3/8DR 8-1/2
11-922 EXTEN 3/8DR 3
11-923 EXTEN 3/8DR 6
11-927 EXTEN 3/8DR 12
11-929 EXTEN FLX 3/8DR 7-1/4
11-935 HDL SPD 3/8DR 16-1/2
11-938 HDL T 3/8DR 8
11-947 UNV JNT 3/8DR
11-972 RAT 3/8DR 7-3/8 REPL 11-903
11-974 RAT 3/8DR FLX 9-1/2
12-112 SKT 1/2DR 12PT 3/8
12-114 SKT 1/2DR 12PT 7/16
12-116 SKT 1/2DR 12PT 1/2
12-118 SKT 1/2DR 12PT 9/16
12-119 SKT 1/2DR 12PT 19/32
12-120 SKT 1/2DR 12PT 5/8
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-125 SKT 1/2DR 12PT 25/32
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-134 SKT 1/2DR 12PT 1-1/16
12-136 SKT 1/2DR 12PT 1-1/8
12-138 SKT 1/2DR 12PT 1-3/16
12-140 SKT 1/2DR 12PT 1-1/4
12-142 SKT 1/2DR 12PT 1-5/16
12-144 SKT 1/2DR 12PT 1-3/8
12-146 SKT 1/2DR 12PT 1-7/16
12-148 SKT 1/2DR 12PT 1-1/2
12-316 SKT 1/2DR 12PT 1/2 DP
12-318 SKT 1/2DR 12PT 9/16 DP
12-320 SKT 1/2DR 12PT 5/8 DP
12-322 SKT 1/2DR 12PT 11/16 DP
12-324 SKT 1/2DR 12PT 3/4 DP
12-326 SKT 1/2DR 12PT 13/16 DP
12-328 SKT 1/2DR 12PT 7/8 DP
12-330 SKT 1/2DR 12PT 15/16 DP
12-332 SKT 1/2DR 12PT 1 DP
12-334 SKT 1/2DR 12PT 1-1/16 DP
12-336 SKT 1/2DR 12PT 1-1/8 DP
12-340 SKT 1/2DR 12PT 1-1/4 DP
12-412 SKT 1/2DR 8PT 3/8
12-414 SKT 1/2DR 8PT 7/16
12-416 SKT 1/2DR 8PT 1/2
12-418 SKT 1/2DR 8PT 9/16
12-420 SKT 1/2DR 8PT 5/8
12-422 SKT 1/2DR 8PT 11/16
12-424 SKT 1/2DR 8PT 3/4
12-426 SKT 1/2DR 8PT 13/16
12-428 SKT 1/2DR 8PT 7/8
12-432 SKT 1/2DR 8PT 1
12-516 SKT 1/2DR UNV 12PT 1/2
12-518 SKT 1/2DR UNV 12PT 9/16
12-520 SKT 1/2DR UNV 12PT 5/8
12-713 SKT 1/2DR HEX BIT 1/4
12-714 SKT 1/2DR HEX BIT 5/16
12-715 SKT 1/2DR HEX BIT 3/8
12-716 SKT 1/2DR HEX BIT 7/16
12-717 SKT 1/2DR HEX BIT 1/2
12-718 SKT 1/2DR HEX BIT 9/16
12-719 SKT 1/2DR HEX BIT 5/8
12-892 SKT 1/2DR DRAG LNK 7/64
12-893 SKT 1/2DR DRAG LNK 3/32
12-918 HDL FLX 1/2DR 17
12-921 EXTEN 1/2DR 2-1/2
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-935 HDL SPD 1/2DR 19
12-938 HDL T 1/2DR 11
12-944 ADP RAT 1/2DR
12-947 UNV JNT 1/2DR
12-972 RAT 1/2DR 10-1/2 REPL 12-903
12-973 RAT 1/2DR 15 REPL 12-904
12-974 RAT 1/2DR FLX 14-1/4
13-128 SKT 3/4DR 12PT 7/8
13-130 SKT 3/4DR 12PT 15/16
13-132 SKT 3/4DR 12PT 1
13-134 SKT 3/4DR 12PT 1-1/16
13-136 SKT 3/4DR 12PT 1-1/8
13-138 SKT 3/4DR 12PT 1-3/16
13-140 SKT 3/4DR 12PT 1-1/4
13-142 SKT 3/4DR 12PT 1-5/16
13-144 SKT 3/4DR 12PT 1-3/8
13-146 SKT 3/4DR 12PT 1-7/16
13-148 SKT 3/4DR 12PT 1-1/2
13-150 SKT 3/4DR 12PT 1-9/16
13-152 SKT 3/4DR 12PT 1-5/8
13-154 SKT 3/4DR 12PT 1-11/16
13-156 SKT 3/4DR 12PT 1-3/4
13-158 SKT 3/4DR 12PT 1-13/16
13-160 SKT 3/4DR 12PT 1-7/8
13-164 SKT 3/4DR 12PT 2
13-168 SKT 3/4DR 12PT 2-1/8
13-170 SKT 3/4DR 12PT 2-3/16
13-172 SKT 3/4DR 12PT 2-1/4
13-176 SKT 3/4DR 12PT 2-3/8
13-918 HDL FLX 3/4DR 22
13-922 EXTEN 3/4DR 5
13-923 EXTEN 3/4DR 8
13-925 EXTEN 3/4DR 16
13-938 HDL T 3/4DR 17-1/2
13-947 UNV JNT 3/4DR
13-972 RAT 3/4DR 19
25-004 WR COMB 6PT SHT 1/8 FP
25-005 WR COMB 6PT SHT 5/32 FP
25-006 WR COMB 6PT SHT 3/16 FP
25-008 WR COMB 6PT SHT 1/4 FP
25-009 WR COMB 6PT SHT 9/32 FP
25-010 WR COMB 6PT SHT 5/16 FP
25-011 WR COMB 6PT SHT 11/32 FP
25-012 WR COMB 6PT SHT 3/8 FP
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP
25-242 WR COMB 12PT LNG 1-5/16
25-244 WR COMB 12PT LNG 1-3/8
25-246 WR COMB 12PT LNG 1-7/16
25-248 WR COMB 12PT LNG 1-1/2
25-512 WR COMB FLX HD 12PT 3/8 FP
25-514 WR COMB FLX HD 12PT 7/16 FP
25-516 WR COMB FLX HD 12PT 1/2 FP
25-518 WR COMB FLX HD 12PT 9/16 FP
25-520 WR COMB FLX HD 12PT 5/8 FP
25-522 WR COMB FLX HD 12PT 11/16 FP
25-524 WR COMB FLX HD 12PT 3/4 FP
26-022 WR OE 1/4X5/16 FP
26-034 WR OE 5/16X3/8 FP
26-058 WR OE 7/16X1/2 FP
26-067 WR OE 1/2X9/16 FP
26-079 WR OE 9/16X5/8 FP
26-097 WR OE 5/8X3/4 FP
26-106 WR OE 11/16X3/4 FP
26-133 WR OE 13/16X7/8 FP
26-151 WR OE 15/16X1 FP
26-166 WR OE 1-1/16X1-1/8 FP
26-643 WR BX 12PT LNG 3/8X7/16 FP
26-658 WR BX 12PT LNG 7/16X1/2 FP
26-679 WR BX 12PT LNG 9/16X5/8 FP
26-706 WR BX 12PT LNG 11/16X3/4 FP
26-733 WR BX 12PT LNG 13/16X7/8 FP
26-751 WR BX 12PT LNG 15/16X1 FP
26-766 WR BX 12PT LNG 1-1/16X1-1/8 FP
27-143 WR BX 12PT SHT 3/8X7/16 FP
27-167 WR BX 12PT SHT 1/2X9/16 FP
27-194 WR BX 12PT SHT 5/8X11/16 FP
27-206 WR BX 12PT SHT 11/16X3/4 FP
27-343 WR BX 12PT LNG 3/8X7/16 FP
27-367 WR BX 12PT LNG 1/2X9/16 FP
27-394 WR BX 12PT LNG 5/8X11/16 FP
27-424 WR BX 12PT LNG 3/4X7/8 FP
27-451 WR BX 12PT LNG 15/16X1 FP
27-466 WR BX 12PT LNG 1-1/16X1-1/8 FP
27-510 WR GEARED BOX 12PT 3/8 FP
27-511 WR GEARED BOX 12PT 7/16 FP
27-512 WR GEARED BOX 12PT 1/2 FP
27-513 WR GEARED BOX 12PT 9/16 FP
27-514 WR GEARED BOX 12PT 5/8 FP
27-515 WR GEARED BOX 12PT 11/16 FP
27-516 WR GEARED BOX 12PT 3/4 FP
27-904 WR ANG OE 15/64 MDGT 15&75D FP
27-907 WR ANG OE 7/32 MDGT 15&75D FP
27-908 WR ANG OE 1/4 MDGT 15&75D FP
27-909 WR ANG OE 9/32 MDGT 15&75D FP
27-910 WR ANG OE 5/16 MDGT 15&75D FP
27-911 WR ANG OE 11/32 MDGT 15&75D FP
27-912 WR ANG OE 3/8 MDGT 15&75D FP
27-914 WR ANG OE 7/16 MDGT 15&75D FP
27-916 WR ANG OE 1/2 MDGT 15&75D FP
28-212 WR COMB FLR NUT 6PT 3/8 FP
28-214 WR COMB FLR NUT 6PT 7/16 FP
28-216 WR COMB FLR NUT 6PT 1/2 FP
28-218 WR COMB FLR NUT 6PT 9/16 FP
28-220 WR COMB FLR NUT 6PT 5/8 FP
28-222 WR COMB FLR NUT 6PT 11/16 FP
28-224 WR COMB FLR NUT 6PT 3/4 FP
28-312 WR RAT FLR NUT 12PT 3/8
28-314 WR RAT FLR NUT 12PT 7/16
28-316 WR RAT FLR NUT 12PT 1/2
28-318 WR RAT FLR NUT 12PT 9/16
28-320 WR RAT FLR NUT 12PT 5/8
28-322 WR RAT FLR NUT 12PT 11/16
28-324 WR RAT FLR NUT 12PT 3/4
28-406 WR ADJ 6
28-408 WR ADJ 8
28-410 WR ADJ 10
28-412 WR ADJ 12
28-415 WR ADJ 15
3470 HOOK & PIN PULLER
37-004 SKT 1/4DR 6PT 4MM
37-005 SKT 1/4DR 6PT 5MM
37-006 SKT 1/4DR 6PT 6MM
37-007 SKT 1/4DR 6PT 7MM
37-008 SKT 1/4DR 6PT 8MM
37-009 SKT 1/4DR 6PT 9MM
37-010 SKT 1/4DR 6PT 10MM
37-011 SKT 1/4DR 6PT 11MM
37-012 SKT 1/4DR 6PT 12MM
37-013 SKT 1/4DR 6PT 13MM
37-014 SKT 1/4DR 6PT 14MM
37-083 SKT 1/4DR 6PT 5.5MM
37-204 SKT 1/4DR 6PT 4MM DP
37-205 SKT 1/4DR 6PT 5MM DP
37-206 SKT 1/4DR 6PT 6MM DP
37-207 SKT 1/4DR 6PT 7MM DP
37-208 SKT 1/4DR 6PT 8MM DP
37-209 SKT 1/4DR 6PT 9MM DP
37-210 SKT 1/4DR 6PT 10MM DP
37-211 SKT 1/4DR 6PT 11MM DP
37-212 SKT 1/4DR 6PT 12MM DP
37-213 SKT 1/4DR 6PT 13MM DP
37-214 SKT 1/4DR 6PT 14MM DP
37-283 SKT 1/4DR 6PT 5.5MM DP
37-703 SKT 1/4DR HEX BIT 2MM
37-704 SKT 1/4DR HEX BIT 2.5MM
37-705 SKT 1/4DR HEX BIT 3MM
37-707 SKT 1/4DR HEX BIT 4MM
37-709 SKT 1/4DR HEX BIT 5MM
37-711 SKT 1/4DR HEX BIT 6MM
38-108 SKT 3/8DR 12PT 8MM
38-109 SKT 3/8DR 12PT 9MM
38-110 SKT 3/8DR 12PT 10MM
38-111 SKT 3/8DR 12PT 11MM
38-112 SKT 3/8DR 12PT 12MM
38-113 SKT 3/8DR 12PT 13MM
38-114 SKT 3/8DR 12PT 14MM
38-115 SKT 3/8DR 12PT 15MM
38-116 SKT 3/8DR 12PT 16MM
38-117 SKT 3/8DR 12PT 17MM
38-118 SKT 3/8DR 12PT 18MM
38-119 SKT 3/8DR 12PT 19MM
38-308 SKT 3/8DR 12PT 8MM DP
38-309 SKT 3/8DR 12PT 9MM DP
38-310 SKT 3/8DR 12PT 10MM DP
38-311 SKT 3/8DR 12PT 11MM DP
38-312 SKT 3/8DR 12PT 12MM DP
38-313 SKT 3/8DR 12PT 13MM DP
38-314 SKT 3/8DR 12PT 14MM DP
38-315 SKT 3/8DR 12PT 15MM DP
38-316 SKT 3/8DR 12PT 16MM DP

Continued . . .

Set 15-011 623 Pc. Master Set Cont.

38-317 SKT 3/8DR 12PT 17MM DP
38-318 SKT 3/8DR 12PT 18MM DP
38-319 SKT 3/8DR 12PT 19MM DP
38-707 SKT 3/8DR HEX BIT 4MM
38-709 SKT 3/8DR HEX BIT 5MM
38-711 SKT 3/8DR HEX BIT 6MM
38-712 SKT 3/8DR HEX BIT 7MM
38-713 SKT 3/8DR HEX BIT 8MM
38-714 SKT 3/8DR HEX BIT 9MM
38-715 SKT 3/8DR HEX BIT 10MM
38-850 WR 3/8DR CRFT 10 MM
38-851 WR 3/8DR CRFT 11 MM
38-852 WR 3/8DR CRFT 12 MM
38-853 WR 3/8DR CRFT 13 MM
38-854 WR 3/8DR CRFT 14 MM
38-855 WR 3/8DR CRFT 15 MM
38-856 WR 3/8DR CRFT 16 MM
38-857 WR 3/8DR CRFT 17 MM
38-858 WR 3/8DR CRFT 18 MM
38-859 WR 3/8DR CRFT 19 MM
38-861 WR 3/8DR CRFT 21 MM
38-862 WR 3/8DR CRFT 22 MM
39-110 SKT 1/2DR 12PT 10MM
39-111 SKT 1/2DR 12PT 11MM
39-112 SKT 1/2DR 12PT 12MM
39-113 SKT 1/2DR 12PT 13MM
39-114 SKT 1/2DR 12PT 14MM
39-115 SKT 1/2DR 12PT 15MM
39-116 SKT 1/2DR 12PT 16MM
39-117 SKT 1/2DR 12PT 17MM
39-118 SKT 1/2DR 12PT 18MM
39-119 SKT 1/2DR 12PT 19MM
39-120 SKT 1/2DR 12PT 20MM
39-121 SKT 1/2DR 12PT 21MM
39-122 SKT 1/2DR 12PT 22MM
39-123 SKT 1/2DR 12PT 23MM
39-124 SKT 1/2DR 12PT 24MM
39-316 SKT 1/2DR 12PT 16MM DP
39-317 SKT 1/2DR 12PT 17MM DP
39-318 SKT 1/2DR 12PT 18MM DP
39-319 SKT 1/2DR 12PT 19MM DP
39-320 SKT 1/2DR 12PT 20MM DP
39-321 SKT 1/2DR 12PT 21MM DP
39-322 SKT 1/2DR 12PT 22MM DP
39-324 SKT 1/2DR 12PT 24MM DP
39-325 SKT 1/2DR 12PT 25MM DP
39-326 SKT 1/2DR 12PT 26MM DP
39-717 SKT 1/2DR HEX BIT 12MM
39-719 SKT 1/2DR HEX BIT 14MM
39-722 SKT 1/2DR HEX BIT 17MM
485 GASKET SCRAPER
52-207 WR COMB 12PT LNG 7MM FP
52-208 WR COMB 12PT LNG 8MM FP
52-209 WR COMB 12PT LNG 9MM FP
52-210 WR COMB 12PT LNG 10MM FP
52-211 WR COMB 12PT LNG 11MM FP
52-212 WR COMB 12PT LNG 12MM FP
52-213 WR COMB 12PT LNG 13MM FP
52-214 WR COMB 12PT LNG 14MM FP
52-215 WR COMB 12PT LNG 15MM FP
52-216 WR COMB 12PT LNG 16MM FP
52-217 WR COMB 12PT LNG 17MM FP
52-218 WR COMB 12PT LNG 18MM FP
52-219 WR COMB 12PT LNG 19MM FP
52-220 WR COMB 12PT LNG 20MM FP
52-221 WR COMB 12PT LNG 21MM FP
52-222 WR COMB 12PT LNG 22MM FP
52-223 WR COMB 12PT LNG 23MM FP
52-224 WR COMB 12PT LNG 24MM FP
53-016 WR OE 6X7MM FP
53-022 WR OE 8X9MM FP
53-034 WR OE 10X11MM FP
53-052 WR OE 12X13MM FP
53-067 WR OE 14X15MM FP
53-082 WR OE 16X17MM FP
53-096 WR OE 18X19MM FP
53-115 WR OE 20X22MM FP
53-119 WR OE 21X23MM FP
53-142 WR OE 24X26MM FP
53-616 WR BX LNG 12PT 6X7MM
53-622 WR BX LNG 12PT 8X9MM
53-634 WR BX LNG 12PT 10X11MM
53-652 WR BX LNG 12PT 12X13MM
53-667 WR BX LNG 12PT 14X15MM
53-685 WR BX LNG 12PT 16X18MM
53-691 WR BX LNG 12PT 17X19MM
53-719 WR BX LNG 12PT 21X23MM
53-727 WR BX LNG 12PT 22X24MM
53-762 WR BX LNG 12PT 27X30MM
53-775 WR BX LNG 12PT 30X32MM
54-510 WR GEARED BOX 12PT 10MM FP
54-511 WR GEARED BOX 12PT 11MM FP
54-512 WR GEARED BOX 12PT 12MM FP
54-513 WR GEARED BOX 12PT 13MM FP
54-514 WR GEARED BOX 12PT 14MM FP
54-515 WR GEARED BOX 12PT 15MM FP
54-516 WR GEARED BOX 12PT 16MM FP
54-517 WR GEARED BOX 12PT 17MM FP
54-518 WR GEARED BOX 12PT 18MM FP
54-519 WR GEARED BOX 12PT 19MM FP
55-307 WR RAT FLR NUT 12PT 7MM
55-308 WR RAT FLR NUT 12PT 8MM
55-309 WR RAT FLR NUT 12PT 9MM
55-310 WR RAT FLR NUT 12PT 10MM
55-311 WR RAT FLR NUT 12PT 11MM
55-312 WR RAT FLR NUT 12PT 12MM
55-313 WR RAT FLR NUT 12PT 13MM
55-314 WR RAT FLR NUT 12PT 14MM
55-315 WR RAT FLR NUT 12PT 15MM
55-317 WR RAT FLR NUT 12PT 17MM
56193 13 PC BALL PLUS SET
56194 9 PC METRIC BALL PLUS SET
64-086 WR TRQ 1/2DR 25-250 FT/LB
66-150 SCRDR PHLP #2X1-1/2
66-152 SCRDR PHLP #0X2-1/2
66-153 SCRDR PHLP #1X3
66-155 SCRDR PHLP #1X6
66-156 SCRDR PHLP #2X4
66-158 SCRDR PHLP #2X8
66-161 SCRDR PHLP #3X6
66-164 SCRDR PHLP #4X8
66-203 SCRDR SLT 3/16X4 SQ
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
66-226 SCRDR SLT 7/16X12 SQ
66-232 SCRDR SLT 1/4X1-1/2 SQ
66-253 SCRDR CAB 1/8X3
66-255 SCRDR CAB 1/8X4
66-259 SCRDR CAB 1/8X8
66-262 SCRDR CAB 3/16X4
66-268 SCRDR CAB 3/16X8
66-806 NUT DR 3/16 HOLL SHFT
66-807 NUT DR 7/32 HOLL SHFT
66-808 NUT DR 1/4 HOLL SHFT
66-809 NUT DR 9/32 HOLL SHFT
66-810 NUT DR 5/16 HOLL SHFT
66-811 NUT DR 11/32 HOLL SHFT
66-812 NUT DR 3/8 HOLL SHFT
66-814 NUT DR 7/16 HOLL SHFT
66-816 NUT DR 1/2 HOLL SHFT
66-818 NUT DR 9/16 HOLL SHFT
66-820 NUT DR 5/8 HOLL SHFT
66-924 SCR START SLT 5
66-933 SCR START PHLP 5
67-067 PLR LNMN 8-1/2 W/GRP
67-109 PLR DIAG CUT 7 HD W/GRP
67-161 PLR DIAG CUT 6-3/8 W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-357 PLR NDL NSE 5-7/16 W/GRP
67-401 PLR NDL NSE 5-7/8 CURV W/GRP
67-503 PLR DKBL 8 W/GRP
67-535 PLR END CUT 7-3/8 W/GRP
67-667 PLR SLP JNT 6-1/2 W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-717 PLR TNG&GRV 5 W/GRP
67-777 PLR TNG&GRV 6 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
67-783 PLR TNG&GRV 16 W/GRP
67-901 PLR WIRE STRPR CRMP CUT 8-1/4
68-025 PLR RET RNG CONV .038 0D
68-026 PLR RET RNG CONV .038 45D
68-027 PLR RET RNG CONV .038 90D
68-028 PLR RET RNG CONV .047 0D
68-029 PLR RET RNG CONV .047 45D
68-030 PLR RET RNG CONV .047 90D
68-031 PLR RET RNG CONV .070 0D
68-032 PLR RET RNG CONV .070 45D
68-033 PLR RET RNG CONV .070 90D
68-034 PLR RET RNG CONV .090 0D
68-035 PLR RET RNG CONV .090 45D
68-036 PLR RET RNG CONV .090 90D
68-241 SNIPS MINI 6-1/2
68-255 SNIPS AVN 10 STRT
68-275 SNIPS STRT 12-3/4
68-310 KNFE UTIL RETRACT
68-445 TP MEAS 1X25 LCK AUTO
69-444 HMR BLL PN 8OZ WD HDL
69-448 HMR BLL PN 1LB WD HDL
69-452 HMR BLL PN 2LB WD HDL
69-490 RBR MALL 32OZ 16-1/2
69-513 HMR BRS 1.5LB W/GRP
69-532 HMR DEAD BLOW STD 21OZ
69-534 HMR DEAD BLOW STD 52OZ
67-436 6" LOCKING PLIERS
70-000 PUNCH & CHISEL HOLDER
70-103 PNCH PIN 3/32 TIP
70-105 PNCH PIN 1/8 TIP
70-107 PNCH PIN 5/32 TIP
70-109 PNCH PIN 3/16 TIP
70-129 PNCH PIN 7/32 TIP
70-131 PNCH PIN 1/4 TIP
70-155 PNCH START 3/32 TIP
70-157 PNCH START 1/8 TIP
70-161 PNCH START 3/16 TIP
70-163 PNCH START 7/32 TIP
70-165 PNCH START 1/4 TIP
70-189 PNCH DRFT 1/8 TIP
70-193 PNCH DRFT 3/16 TIP
70-197 PNCH DRFT 1/4 TIP
70-235 PNCH CNTR 3/8
70-239 PNCH CNTR 1/2
70-253 PNCH PRCK 5/16
70-301 CHSL CLD 1/4 TIP
70-303 CHSL CLD 5/16 TIP
70-305 CHSL CLD 3/8 TIP
70-309 CHSL CLD 1/2 TIP
70-311 CHSL CLD 5/8 TIP
70-313 CHSL CLD 3/4 TIP
70-315 CHSL CLD 7/8 TIP
70-317 CHSL CLD 1 TIP
70-319 CHSL CLD 1-1/8 TIP
70-503 ALIGNING BAR PINCH 5/8X16
70-505 ALIGNING BAR PINCH 3/4X24
70-519 CHSL BAR ROLL1/2X15
70-521 CHSL BAR ROLL 5/8X18
70-865 HCKS FLT FRM
70-929 TELESCP MIRROR 2-1/8 DIA
70-933 RETR TL MAG TELESCP
70-950 SCR EXTR 1/8
70-952 SCR EXTR 3/16
70-954 SCR EXTR 15/64
70-956 SCR EXTR 5/16
70-958 SCR EXTR 3/8
70-960 SCR EXTR 15/32
70-962 SCR EXTR 9/16
70-964 SCR EXTR 21/32
70-966 SCR EXTR 13/16
72-441 PULLER CONE 2/3 JAW
73-010 WR PIPE 10 HD
73-014 WR PIPE 14 HD
73-018 WR PIPE 18 HD
73-295 CHAIN 3/8 TO 4
78-404 C-CL THRT DP 4 STD BLK (2)
67-407 7" LOCKING PLIERS

Set 15-017 453 Pc. Master Set - Tools Only

10-006 SKT 1/4DR 6PT 3/16
10-007 SKT 1/4DR 6PT 7/32
10-008 SKT 1/4DR 6PT 1/4
10-009 SKT 1/4DR 6PT 9/32
10-010 SKT 1/4DR 6PT 5/16
10-011 SKT 1/4DR 6PT 11/32
10-012 SKT 1/4DR 6PT 3/8
10-014 SKT 1/4DR 6PT 7/16
10-016 SKT 1/4DR 6PT 1/2
10-018 SKT 1/4DR 6PT 9/16
10-206 SKT 1/4DR 6PT 3/16 DP
10-207 SKT 1/4DR 6PT 7/32 DP
10-208 SKT 1/4DR 6PT 1/4 DP
10-209 SKT 1/4DR 6PT 9/32 DP
10-210 SKT 1/4DR 6PT 5/16 DP
10-211 SKT 1/4DR 6PT 11/32 DP
10-212 SKT 1/4DR 6PT 3/8 DP
10-214 SKT 1/4DR 6PT 7/16 DP
10-216 SKT 1/4DR 6PT 1/2 DP
10-218 SKT 1/4DR 6PT 9/16 DP
10-408 SKT 1/4DR 4PT 1/4
10-410 SKT 1/4DR 8PT 5/16
10-412 SKT 1/4DR 8PT 3/8
10-704 SKT 1/4 DR HEX BIT 1/16
10-705 SKT 1/4 DR HEX BIT 5/64
10-706 SKT 1/4 DR HEX BIT 3/32
10-707 SKT 1/4 DR HEX BIT 7/64
10-708 SKT 1/4 DR HEX BIT 1/8
10-709 SKT 1/4 DR HEX BIT 9/64
10-710 SKT 1/4 DR HEX BIT 5/32
10-711 SKT 1/4 DR HEX BIT 3/16
10-712 SKT 1/4 DR HEX BIT 7/32
10-713 SKT 1/4 DR HEX BIT 1/4
10-714 SKT 1/4 DR HEX BIT 5/16
10-801 SKT 1/4DR SLT BIT 3/16
10-802 SKT 1/4DR SLT BIT 1/4
10-821 SKT 1/4DR PHLP BIT #1
10-822 SKT 1/4DR PHLP BIT #2
10-823 SKT 1/4DR PHLP BIT #3
10-918 HDL FLX 1/4DR 5-3/4
10-921 EXTEN 1/4DR 2
10-922 EXTEN 1/4DR 4
10-923 EXTEN 1/4DR 6
10-929 EXTEN 1/4DR FLX 6
10-935 HDL SPD 1/4DR 15-3/4
10-938 HDL T 1/4DR 4-1/2
10-943 HDL SPIN 1/4DR 6
10-947 UNV JNT 1/4DR
10-972 RAT 1/4DR 5-9/32 REPL 10-903
67-410 10" LOCKING PLIERS
11-108 SKT 3/8DR 12PT 1/4
11-110 SKT 3/8DR 12PT 5/16
11-112 SKT 3/8DR 12PT 3/8
11-114 SKT 3/8DR 12PT 7/16
11-116 SKT 3/8DR 12PT 1/2
11-118 SKT 3/8DR 12PT 9/16
11-120 SKT 3/8DR 12PT 5/8
11-122 SKT 3/8DR 12PT 11/16
11-124 SKT 3/8DR 12PT 3/4
11-126 SKT 3/8DR 12PT 13/16
11-128 SKT 3/8DR 12PT 7/8
11-130 SKT 3/8DR 12PT 15/16
11-132 SKT 3/8DR 12PT 1
11-308 SKT 3/8DR 12PT 1/4 DP
11-310 SKT 3/8DR 12PT 5/16 DP
11-312 SKT 3/8DR 12PT 3/8 DP
11-314 SKT 3/8DR 12PT 7/16 DP
11-316 SKT 3/8DR 12PT 1/2 DP
11-318 SKT 3/8DR 12PT 9/16 DP
11-320 SKT 3/8DR 12PT 5/8 DP
11-322 SKT 3/8DR 12PT 11/16 DP
11-324 SKT 3/8DR 12PT 3/4 DP
11-326 SKT 3/8DR 12PT 13/16 DP
11-328 SKT 3/8DR 12PT 7/8 DP
11-330 SKT 3/8DR 12PT 15/16 DP
11-332 SKT 3/8DR 12PT 1 DP
11-408 SKT 3/8DR 8PT 1/4
11-410 SKT 3/8DR 8PT 5/16
11-412 SKT 3/8DR 8PT 3/8
11-414 SKT 3/8DR 8PT 7/16
11-416 SKT 3/8DR 8PT 1/2
11-512 SKT 3/8DR UNV 12PT 3/8
11-514 SKT 3/8DR UNV 12PT 7/16
11-516 SKT 3/8DR UNV 12PT 1/2
11-518 SKT 3/8DR UNV 12PT 9/16
11-520 SKT 3/8DR UNV 12PT 5/8
11-522 SKT 3/8DR UNV 12PT 11/16
11-524 SKT 3/8DR UNV 12PT 3/4
11-708 SKT 3/8DR HEX BIT 1/8
11-710 SKT 3/8DR HEX BIT 5/32
11-711 SKT 3/8DR HEX BIT 3/16
11-712 SKT 3/8DR HEX BIT 7/32
11-713 SKT 3/8DR HEX BIT 1/4
11-714 SKT 3/8DR HEX BIT 5/16
11-715 SKT 3/8DR HEX BIT 3/8
11-802 SKT 3/8DR SLT BIT 1/4
11-822 SKT 3/8DR PHLP BIT #2
11-825 SKT 3/8DR PHLP BIT #3
11-828 SKT 3/8DR PHLP BIT #4
11-850 WR 3/8DR CRFT 3/8
11-851 WR 3/8DR CRFT 7/16
11-852 WR 3/8DR CRFT 1/2
11-853 WR 3/8DR CRFT 9/16
11-854 WR 3/8DR CRFT 5/8
11-855 WR 3/8DR CRFT 11/16
11-856 WR 3/8DR CRFT 3/4
11-857 WR 3/8DR CRFT 13/16
11-858 WR 3/8DR CRFT 7/8
11-872 SKT 3/8DR TRX BIT T15
11-874 SKT 3/8DR TRX BIT T20
11-876 SKT 3/8DR TRX BIT T25
11-878 SKT 3/8DR TRX BIT T27
11-880 SKT 3/8DR TRX BIT T30
11-882 SKT 3/8DR TRX BIT T40
11-884 SKT 3/8DR TRX BIT T45
11-886 SKT 3/8DR TRX BIT T50
11-918 HDL FLX 3/8DR 8-1/2
11-922 EXTEN 3/8DR 3
11-923 EXTEN 3/8DR 6
11-927 EXTEN 3/8DR 12
11-929 EXTEN FLX 3/8DR 7-1/4
11-935 HDL SPD 3/8DR 16-1/2
11-938 HDL T 3/8DR 8
11-947 UNV JNT 3/8DR
11-972 RAT 3/8DR 7-3/8
11-974 RAT 3/8DR FLX 9-1/2
12-112 SKT 1/2DR 12PT 3/8
12-114 SKT 1/2DR 12PT 7/16
12-116 SKT 1/2DR 12PT 1/2
12-118 SKT 1/2DR 12PT 9/16
12-119 SKT 1/2DR 12PT 19/32
12-120 SKT 1/2DR 12PT 5/8
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-125 SKT 1/2DR 12PT 25/32
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-134 SKT 1/2DR 12PT 1-1/16
12-136 SKT 1/2DR 12PT 1-1/8
12-138 SKT 1/2DR 12PT 1-3/16
12-140 SKT 1/2DR 12PT 1-1/4
12-142 SKT 1/2DR 12PT 1-5/16
12-144 SKT 1/2DR 12PT 1-3/8
12-146 SKT 1/2DR 12PT 1-7/16
12-148 SKT 1/2DR 12PT 1-1/2
12-316 SKT 1/2DR 12PT 1/2 DP
12-318 SKT 1/2DR 12PT 9/16 DP
12-320 SKT 1/2DR 12PT 5/8 DP
12-322 SKT 1/2DR 12PT 11/16 DP
12-324 SKT 1/2DR 12PT 3/4 DP
12-326 SKT 1/2DR 12PT 13/16 DP
12-328 SKT 1/2DR 12PT 7/8 DP
12-330 SKT 1/2DR 12PT 15/16 DP
12-332 SKT 1/2DR 12PT 1 DP
12-334 SKT 1/2DR 12PT 1-1/16 DP
12-336 SKT 1/2DR 12PT 1-1/8 DP
12-340 SKT 1/2DR 12PT 1-1/4 DP
12-412 SKT 1/2DR 8PT 3/8
12-414 SKT 1/2DR 8PT 7/16
12-416 SKT 1/2DR 8PT 1/2
12-418 SKT 1/2DR 8PT 9/16
12-420 SKT 1/2DR 8PT 5/8
12-422 SKT 1/2DR 8PT 11/16
12-424 SKT 1/2DR 8PT 3/4
12-426 SKT 1/2DR 8PT 13/16
12-428 SKT 1/2DR 8PT 7/8
12-432 SKT 1/2DR 8PT 1
12-516 SKT 1/2DR UNV 12PT 1/2
12-518 SKT 1/2DR UNV 12PT 9/16
12-520 SKT 1/2DR UNV 12PT 5/8
12-713 SKT 1/2DR HEX BIT 1/4
12-714 SKT 1/2DR HEX BIT 5/16
12-715 SKT 1/2DR HEX BIT 3/8
12-716 SKT 1/2DR HEX BIT 7/16
12-717 SKT 1/2DR HEX BIT 1/2
12-718 SKT 1/2DR HEX BIT 9/16
12-719 SKT 1/2DR HEX BIT 5/8
12-892 SKT 1/2DR DRAG LNK 7/64
12-893 SKT 1/2DR DRAG LNK 3/32
12-918 HDL FLX 1/2DR 17
12-921 EXTEN 1/2DR 2-1/2
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-935 HDL SPD 1/2DR 19
12-938 HDL T 1/2DR 11
12-944 ADP RAT 1/2DR
12-947 UNV JNT 1/2DR
12-972 RAT 1/2DR 10-1/2 REPL 12-903
12-973 RAT 1/2DR 15 REPL 12-904
12-974 RAT 1/2DR FLX 14-1/4
13-128 SKT 3/4DR 12PT 7/8
13-130 SKT 3/4DR 12PT 15/16

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ARMSTRONG INDUSTRIAL HAND TOOLS

Master Set Contents

Set 15-017 453 Pc. Master Set Cont.

13-132 SKT 3/4DR 12PT 1
13-134 SKT 3/4DR 12PT 1-1/16
13-136 SKT 3/4DR 12PT 1-1/8
13-138 SKT 3/4DR 12PT 1-3/16
13-140 SKT 3/4DR 12PT 1-1/4
13-142 SKT 3/4DR 12PT 1-5/16
13-144 SKT 3/4DR 12PT 1-3/8
13-146 SKT 3/4DR 12PT 1-7/16
13-148 SKT 3/4DR 12PT 1-1/2
13-150 SKT 3/4DR 12PT 1-9/16
13-152 SKT 3/4DR 12PT 1-5/8
13-154 SKT 3/4DR 12PT 1-11/16
13-156 SKT 3/4DR 12PT 1-3/4
13-158 SKT 3/4DR 12PT 1-13/16
13-160 SKT 3/4DR 12PT 1-7/8
13-164 SKT 3/4DR 12PT 2
13-168 SKT 3/4DR 12PT 2-1/8
13-170 SKT 3/4DR 12PT 2-3/16
13-172 SKT 3/4DR 12PT 2-1/4
13-176 SKT 3/4DR 12PT 2-3/8
13-918 HDL FLX 3/4DR 22
13-922 EXTEN 3/4DR 5
13-923 EXTEN 3/4DR 8
13-925 EXTEN 3/4DR 16
13-938 HDL T 3/4DR 17-1/2
13-947 UNV JNT 3/4DR
13-972 RAT 3/4DR 19
2425 SCRAPER
25-004 WR COMB 6PT SHT 1/8 FP
25-005 WR COMB 6PT SHT 5/32 FP
25-006 WR COMB 6PT SHT 3/16 FP
25-008 WR COMB 6PT SHT 1/4 FP
25-009 WR COMB 6PT SHT 9/32 FP
25-010 WR COMB 6PT SHT 5/16 FP
25-011 WR COMB 6PT SHT 11/32 FP
25-012 WR COMB 6PT SHT 3/8 FP
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP
25-242 WR COMB 12PT LNG 1-5/16
25-244 WR COMB 12PT LNG 1-3/8
25-246 WR COMB 12PT LNG 1-7/16
25-248 WR COMB 12PT LNG 1-1/2
25-512 WR COMB FLX HD 12PT 3/8 FP
25-514 WR COMB FLX HD 12PT 7/16 FP
25-516 WR COMB FLX HD 12PT 1/2 FP
25-518 WR COMB FLX HD 12PT 9/16 FP
25-520 WR COMB FLX HD 12PT 5/8 FP
25-522 WR COMB FLX HD 12PT 11/16 FP
25-524 WR COMB FLX HD 12PT 3/4 FP
26-022 WR OE 1/4X5/16 FP
26-034 WR OE 5/16X3/8 FP
26-058 WR OE 7/16X1/2 FP
26-067 WR OE 1/2X9/16 FP
26-079 WR OE 9/16X5/8 FP
26-097 WR OE 5/8X3/4 FP
26-106 WR OE 11/16X3/4 FP
26-133 WR OE 13/16X7/8 FP
26-151 WR OE 15/16X1 FP
26-166 WR OE 1-1/16X1-1/8 FP
27-001 WR BX 6PT MDGT 3/16X13/64 FP
27-016 WR BX 6PT MDGT 7/32X15/64 FP
27-019 WR BX 6PT MDGT 1/4X9/32 FP
27-031 WR BX 6PT MDGT 5/16X11/32 FP
27-143 WR BX 12PT SHT 3/8X7/16 FP
27-167 WR BX 12PT SHT 1/2X9/16 FP
27-194 WR BX 12PT SHT 5/8X11/16 FP
27-206 WR BX 12PT SHT 11/16X3/4 FP
27-343 WR BX 12PT LNG 3/8X7/16 FP
27-367 WR BX 12PT LNG 1/2X9/16 FP
27-394 WR BX 12PT LNG 5/8X11/16 FP
27-424 WR BX 12PT LNG 3/4X7/8 FP
27-451 WR BX 12PT LNG 15/16X1 FP
27-466 WR BX 12PT LNG 1-1/16X1-1/8 FP
27-510 WR GEARED BOX 12PT 3/8 FP
27-511 WR GEARED BOX 12PT 7/16 FP
27-512 WR GEARED BOX 12PT 1/2 FP
27-513 WR GEARED BOX 12PT 9/16 FP
27-514 WR GEARED BOX 12PT 5/8 FP
27-515 WR GEARED BOX 12PT 11/16 FP
27-516 WR GEARED BOX 12PT 3/4 FP
27-904 WR ANG OE 15/64 MDGT 15&75D FP
27-907 WR ANG OE 7/32 MDGT 15&75D FP
27-908 WR ANG OE 1/4 MDGT 15&75D FP
27-909 WR ANG OE 9/32 MDGT 15&75D FP
27-910 WR ANG OE 5/16 MDGT 15&75D FP
27-911 WR ANG OE 11/32 MDGT 15&75D FP
27-912 WR ANG OE 3/8 MDGT 15&75D FP
27-914 WR ANG OE 7/16 MDGT 15&75D FP
27-916 WR ANG OE 1/2 MDGT 15&75D FP
28-212 WR COMB FLR NUT 6PT 3/8 FP
28-214 WR COMB FLR NUT 6PT 7/16 FP
28-216 WR COMB FLR NUT 6PT 1/2 FP
28-218 WR COMB FLR NUT 6PT 9/16 FP
28-220 WR COMB FLR NUT 6PT 5/8 FP
28-222 WR COMB FLR NUT 6PT 11/16 FP
28-224 WR COMB FLR NUT 6PT 3/4 FP
28-312 WR RAT FLR NUT 12PT 3/8
28-314 WR RAT FLR NUT 12PT 7/16
28-316 WR RAT FLR NUT 12PT 1/2
28-318 WR RAT FLR NUT 12PT 9/16
28-320 WR RAT FLR NUT 12PT 5/8
28-322 WR RAT FLR NUT 12PT 11/16
28-324 WR RAT FLR NUT 12PT 3/4
28-406 WR ADJ 6
28-408 WR ADJ 8
28-410 WR ADJ 10
28-412 WR ADJ 12
28-415 WR ADJ 15
3470 HOOK & PIN PULLER
485 GASKET SCRAPER
56193 13 PC BALL PLUS SET
64-086 WR TRQ 1/2DR 25-250 FT/LB
66-150 SCRDR PHLP #2X1-1/2
66-152 SCRDR PHLP #0X2-1/2
66-153 SCRDR PHLP #1X3
66-155 SCRDR PHLP #1X6
66-156 SCRDR PHLP #2X4
66-158 SCRDR PHLP #2X8
66-161 SCRDR PHLP #3X6
66-164 SCRDR PHLP #4X8
66-203 SCRDR SLT 3/16X4 SQ
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
66-226 SCRDR SLT 7/16X12 SQ
66-232 SCRDR SLT 1/4X1-1/2 SQ
66-253 SCRDR CAB 1/8X3
66-255 SCRDR CAB 1/8X4
66-259 SCRDR CAB 1/8X8
66-262 SCRDR CAB 3/16X4
66-268 SCRDR CAB 3/16X8
66-806 NUT DR 3/16 HOLL SHFT
66-807 NUT DR 7/32 HOLL SHFT
66-808 NUT DR 1/4 HOLL SHFT
66-809 NUT DR 9/32 HOLL SHFT
66-810 NUT DR 5/16 HOLL SHFT
66-811 NUT DR 11/32 HOLL SHFT
66-812 NUT DR 3/8 HOLL SHFT
66-814 NUT DR 7/16 HOLL SHFT
66-816 NUT DR 1/2 HOLL SHFT
66-818 NUT DR 9/16 HOLL SHFT
66-820 NUT DR 5/8 HOLL SHFT
66-924 SCR START SLT 5
66-933 SCR START PHLP 5
67-067 PLR LNMN 8-1/2 W/GRP
67-109 PLR DIAG CUT 7 HD W/GRP
67-161 PLR DIAG CUT 6-3/8 W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-357 PLR NDL NSE 5-7/16 W/GRP
67-401 PLR NDL NSE 5-7/8 CURV W/GRP
67-503 PLR DKBL 8 W/GRP
67-535 PLR END CUT 7-3/8 W/GRP
67-667 PLR SLP JNT 6-1/2 W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-717 PLR TNG&GRV 5 W/GRP
67-777 PLR TNG&GRV 6 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
67-783 PLR TNG&GRV 16 W/GRP
67-901 PLR WIRE STRPR CRMP CUT 8-1/4
68-025 PLR RET RNG CONV .038 0D
68-026 PLR RET RNG CONV .038 45D
68-027 PLR RET RNG CONV .038 90D
68-028 PLR RET RNG CONV .047 0D
68-029 PLR RET RNG CONV .047 45D
68-030 PLR RET RNG CONV .047 90D
68-031 PLR RET RNG CONV .070 0D
68-032 PLR RET RNG CONV .070 45D
68-033 PLR RET RNG CONV .070 90D
68-034 PLR RET RNG CONV .090 0D
68-035 PLR RET RNG CONV .090 45D
68-036 PLR RET RNG CONV .090 90D
68-241 SNIPS MINI 6-1/2
68-255 SNIPS AVN 10 STRT
68-310 KNFE UTIL RETRACT
68-445 TP MEAS 1X25 LCK AUTO
69-444 HMR BLL PN 8OZ WD HDL
69-448 HMR BLL PN 1LB WD HDL
69-452 HMR BLL PN 2LB WD HDL
69-490 RBR MALL 32OZ 16-1/2
69-513 HMR BRS 1.5LB W/GRP
69-532 HMR DEAD BLOW STD 21OZ
69-534 HMR DEAD BLOW STD 52OZ
67-436 6" LOCKING PLIERS
70-000 PUNCH & CHISEL HOLDER
70-103 PNCH PIN 3/32 TIP
70-105 PNCH PIN 1/8 TIP
70-107 PNCH PIN 5/32 TIP
70-109 PNCH PIN 3/16 TIP
70-129 PNCH PIN 7/32 TIP
70-131 PNCH PIN 1/4 TIP
70-155 PNCH START 3/32 TIP
70-157 PNCH START 1/8 TIP
70-161 PNCH START 3/16 TIP
70-163 PNCH START 7/32 TIP
70-165 PNCH START 1/4 TIP
70-189 PNCH DRFT 1/8 TIP
70-193 PNCH DRFT 3/16 TIP
70-197 PNCH DRFT 1/4 TIP
70-235 PNCH CNTR 3/8
70-239 PNCH CNTR 1/2
70-253 PNCH PRCK 5/16
70-301 CHSL CLD 1/4 TIP
70-303 CHSL CLD 5/16 TIP
70-305 CHSL CLD 3/8 TIP
70-309 CHSL CLD 1/2 TIP
70-311 CHSL CLD 5/8 TIP
70-313 CHSL CLD 3/4 TIP
70-315 CHSL CLD 7/8 TIP
70-317 CHSL CLD 1 TIP
70-319 CHSL CLD 1-1/8 TIP
70-503 ALIGNING BAR PINCH 5/8X16
70-505 ALIGNING BAR PINCH 3/4X24
70-519 CHSL BAR ROLL1/2X15
70-521 CHSL BAR ROLL 5/8X18
70-865 HCKS FLT FRM
70-929 TELESCP MIRROR 2-1/8 DIA
70-933 RETR TL MAG TELESCP
70-950 SCR EXTR 1/8
70-952 SCR EXTR 3/16
70-954 SCR EXTR 15/64
70-956 SCR EXTR 5/16
70-958 SCR EXTR 3/8
70-960 SCR EXTR 15/32
70-962 SCR EXTR 9/16
70-964 SCR EXTR 21/32
70-966 SCR EXTR 13/16
72-441 PULLER CONE 2/3 JAW
73-010 WR PIPE 10 HD
73-014 WR PIPE 14 HD
73-018 WR PIPE 18 HD
73-295 CHAIN 3/8 TO 4
78-404 C-CL THRT DP 4 STD SCREW BLK (2)
67-407 7" LOCKING PLIERS

Set 15-022 272 Pc. Intermediate Set - Tools Only

10-006 SKT 1/4DR 6PT 3/16
10-007 SKT 1/4DR 6PT 7/32
10-008 SKT 1/4DR 6PT 1/4
10-009 SKT 1/4DR 6PT 9/32
10-010 SKT 1/4DR 6PT 5/16
10-011 SKT 1/4DR 6PT 11/32
10-012 SKT 1/4DR 6PT 3/8
10-014 SKT 1/4DR 6PT 7/16
10-016 SKT 1/4DR 6PT 1/2
10-018 SKT 1/4DR 6PT 9/16
10-206 SKT 1/4DR 6PT 3/16 DP
10-207 SKT 1/4DR 6PT 7/32 DP
10-208 SKT 1/4DR 6PT 1/4 DP
10-209 SKT 1/4DR 6PT 9/32 DP
10-210 SKT 1/4DR 6PT 5/16 DP
10-211 SKT 1/4DR 6PT 11/32 DP
10-212 SKT 1/4DR 6PT 3/8 DP
10-214 SKT 1/4DR 6PT 7/16 DP
10-216 SKT 1/4DR 6PT 1/2 DP
10-218 SKT 1/4DR 6PT 9/16 DP
10-918 HDL FLX 1/4DR 5-3/4
10-921 EXTEN 1/4DR 2
10-923 EXTEN 1/4DR 6
10-943 HDL SPIN 1/4DR 6
10-947 UNV JNT 1/4DR
10-972 RAT 1/4DR 5-9/32
67-410 10" LOCKING PLIERS
11-112 SKT 3/8DR 12PT 3/8
11-114 SKT 3/8DR 12PT 7/16
11-116 SKT 3/8DR 12PT 1/2
11-118 SKT 3/8DR 12PT 9/16
11-120 SKT 3/8DR 12PT 5/8
11-122 SKT 3/8DR 12PT 11/16
11-124 SKT 3/8DR 12PT 3/4
11-126 SKT 3/8DR 12PT 13/16
11-128 SKT 3/8DR 12PT 7/8
11-312 SKT 3/8DR 12PT 3/8 DP
11-314 SKT 3/8DR 12PT 7/16 DP
11-316 SKT 3/8DR 12PT 1/2 DP
11-318 SKT 3/8DR 12PT 9/16 DP
11-320 SKT 3/8DR 12PT 5/8 DP
11-322 SKT 3/8DR 12PT 11/16 DP
11-324 SKT 3/8DR 12PT 3/4 DP
11-326 SKT 3/8DR 12PT 13/16 DP
11-328 SKT 3/8DR 12PT 7/8 DP
11-408 SKT 3/8DR 8PT 1/4
11-410 SKT 3/8DR 8PT 5/16
11-412 SKT 3/8DR 8PT 3/8
11-514 SKT 3/8DR UNV 12PT 7/16
11-516 SKT 3/8DR UNV 12PT 1/2
11-518 SKT 3/8DR UNV 12PT 9/16
11-520 SKT 3/8DR UNV 12PT 5/8
11-524 SKT 3/8DR UNV 12PT 3/4
11-708 SKT 3/8DR HEX BIT 1/8
11-710 SKT 3/8DR HEX BIT 5/32
11-711 SKT 3/8DR HEX BIT 3/16
11-712 SKT 3/8DR HEX BIT 7/32
11-713 SKT 3/8DR HEX BIT 1/4
11-714 SKT 3/8DR HEX BIT 5/16
11-715 SKT 3/8DR HEX BIT 3/8
11-918 HDL FLX 3/8DR 8-1/2
11-922 EXTEN 3/8DR 3
11-923 EXTEN 3/8DR 6
11-927 EXTEN 3/8DR 12
11-935 HDL SPD 3/8DR 16-1/2
11-947 UNV JNT 3/8DR
11-972 RAT 3/8DR 7-3/8 REPL 11-903
12-112 SKT 1/2DR 12PT 3/8
12-114 SKT 1/2DR 12PT 7/16
12-116 SKT 1/2DR 12PT 1/2
12-118 SKT 1/2DR 12PT 9/16
12-120 SKT 1/2DR 12PT 5/8
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-134 SKT 1/2DR 12PT 1-1/16
12-136 SKT 1/2DR 12PT 1-1/8
12-140 SKT 1/2DR 12PT 1-1/4
12-316 SKT 1/2DR 12PT 1/2 DP
12-318 SKT 1/2DR 12PT 9/16 DP
12-320 SKT 1/2DR 12PT 5/8 DP
12-322 SKT 1/2DR 12PT 11/16 DP
12-324 SKT 1/2DR 12PT 3/4 DP
12-326 SKT 1/2DR 12PT 13/16 DP
12-328 SKT 1/2DR 12PT 7/8 DP
12-330 SKT 1/2DR 12PT 15/16 DP
12-332 SKT 1/2DR 12PT 1 DP
12-334 SKT 1/2DR 12PT 1-1/16 DP
12-336 SKT 1/2DR 12PT 1-1/8 DP
12-340 SKT 1/2DR 12PT 1-1/4 DP
12-717 SKT 1/2DR HEX BIT 1/2
12-718 SKT 1/2DR HEX BIT 9/16
12-719 SKT 1/2DR HEX BIT 5/8
12-918 HDL FLX 1/2DR 17
12-921 EXTEN 1/2DR 2-1/2
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-935 HDL SPD 1/2DR 19
12-947 UNV JNT 1/2DR
12-972 RAT 1/2DR 10-1/2 REPL 12-903
13-128 SKT 3/4DR 12PT 7/8
13-130 SKT 3/4DR 12PT 15/16
13-132 SKT 3/4DR 12PT 1
13-134 SKT 3/4DR 12PT 1-1/16
13-136 SKT 3/4DR 12PT 1-1/8
13-140 SKT 3/4DR 12PT 1-1/4
13-142 SKT 3/4DR 12PT 1-5/16
13-144 SKT 3/4DR 12PT 1-3/8
13-146 SKT 3/4DR 12PT 1-7/16
13-148 SKT 3/4DR 12PT 1-1/2
13-152 SKT 3/4DR 12PT 1-5/8
13-156 SKT 3/4DR 12PT 1-3/4
13-158 SKT 3/4DR 12PT 1-13/16
13-160 SKT 3/4DR 12PT 1-7/8
13-164 SKT 3/4DR 12PT 2
13-918 HDL FLX 3/4DR 22
13-923 EXTEN 3/4DR 8
13-925 EXTEN 3/4DR 16
13-938 HDL T 3/4DR 17-1/2
13-972 RAT 3/4DR 19
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP
25-242 WR COMB 12PT LNG 1-5/16
25-244 WR COMB 12PT LNG 1-3/8
25-246 WR COMB 12PT LNG 1-7/16
25-248 WR COMB 12PT LNG 1-1/2
26-022 WR OE 1/4X5/16 FP
26-034 WR OE 5/16X3/8 FP
26-058 WR OE 7/16X1/2 FP
26-067 WR OE 1/2X9/16 FP
26-079 WR OE 9/16X5/8 FP
26-097 WR OE 5/8X3/4 FP
26-106 WR OE 11/16X3/4 FP
26-133 WR OE 13/16X7/8 FP
26-151 WR OE 15/16X1 FP
26-166 WR OE 1-1/16X1-1/8 FP
27-143 WR BX 12PT SHT 3/8X7/16 FP
27-167 WR BX 12PT SHT 1/2X9/16 FP
27-194 WR BX 12PT SHT 5/8X11/16 FP
27-206 WR BX 12PT SHT 11/16X3/4 FP
27-510 WR GEARED BOX 12PT 3/8 FP
27-511 WR GEARED BOX 12PT 7/16 FP
27-512 WR GEARED BOX 12PT 1/2 FP
27-513 WR GEARED BOX 12PT 9/16 FP
27-514 WR GEARED BOX 12PT 5/8 FP
27-515 WR GEARED BOX 12PT 11/16 FP
27-516 WR GEARED BOX 12PT 3/4 FP
28-212 WR COMB FLR NUT 6PT 3/8 FP
28-214 WR COMB FLR NUT 6PT 7/16 FP
28-216 WR COMB FLR NUT 6PT 1/2 FP
28-218 WR COMB FLR NUT 6PT 9/16 FP
28-220 WR COMB FLR NUT 6PT 5/8 FP
28-222 WR COMB FLR NUT 6PT 11/16 FP
28-224 WR COMB FLR NUT 6PT 3/4 FP
28-406 WR ADJ 6
28-408 WR ADJ 8
28-410 WR ADJ 10
28-412 WR ADJ 12
3470 HOOK & PIN PULLER
485 GASKET SCRAPER
56196 12 PC BALL PLUS SET
64-086 WR TRQ 1/2DR 25-250 FT/LB
66-150 SCRDR PHLP #2X1-1/2
66-152 SCRDR PHLP #0X2-1/2
66-153 SCRDR PHLP #1X3
66-156 SCRDR PHLP #2X4
66-161 SCRDR PHLP #3X6
66-164 SCRDR PHLP #4X8

Continued . . .

Set 15-022 272 Pc. Intermediate Set Cont.

66-203 SCRDR SLT 3/16X4 SQ
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
66-226 SCRDR SLT 7/16X12 SQ
66-232 SCRDR SLT 1/4X1-1/2 SQ
66-808 NUT DR 1/4 HOLL SHFT
66-809 NUT DR 9/32 HOLL SHFT
66-810 NUT DR 5/16 HOLL SHFT
66-811 NUT DR 11/32 HOLL SHFT
66-812 NUT DR 3/8 HOLL SHFT
66-814 NUT DR 7/16 HOLL SHFT
66-816 NUT DR 1/2 HOLL SHFT
67-067 PLR LNMN 8-1/2 W/GRP
67-161 PLR DIAG CUT 6-3/8 W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-357 PLR NDL NSE 5-7/16 W/GRP
67-401 PLR NDL NSE 5-7/8 CURV W/GRP
67-503 PLR DKBL 8 W/GRP
67-535 PLR END CUT 7-3/8 W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
67-783 PLR TNG&GRV 16 W/GRP
67-901 PLR WIRE STRPR CRMP CUT 8-1/4
68-025 PLR RET RNG CONV .038 0D
68-026 PLR RET RNG CONV .038 45D
68-027 PLR RET RNG CONV .038 90D
68-028 PLR RET RNG CONV .047 0D
68-029 PLR RET RNG CONV .047 45D
68-030 PLR RET RNG CONV .047 90D
68-031 PLR RET RNG CONV .070 0D
68-032 PLR RET RNG CONV .070 45D
68-033 PLR RET RNG CONV .070 90D
68-034 PLR RET RNG CONV .090 0D
68-035 PLR RET RNG CONV .090 45D
68-036 PLR RET RNG CONV .090 90D
68-241 SNIPS MINI 6-1/2
68-255 SNIPS AVN 10 STRT
68-310 KNFE UTIL RETRACT
68-445 TP MEAS 1X25 LCK AUTO
69-448 HMR BLL PN 1LB WD HDL
69-452 HMR BLL PN 2LB WD HDL
69-513 HMR BRS 1.5LB W/GRP
69-532 HMR DEAD BLOW STD 21OZ
70-000 PUNCH & CHISEL HOLDER
70-103 PNCH PIN 3/32 TIP
70-105 PNCH PIN 1/8 TIP
70-109 PNCH PIN 3/16 TIP
70-153 PNCH START 1/16 TIP
70-157 PNCH START 1/8 TIP
70-161 PNCH START 3/16 TIP
70-235 PNCH CNTR 3/8
70-303 CHSL CLD 5/16 TIP
70-307 CHSL CLD 7/16 TIP
70-309 CHSL CLD 1/2 TIP
70-393 CHSL CAPE 7/32 TIP
70-421 CHSL DIA PT 3/16 TIP
70-503 ALIGNING BAR PINCH 5/8X16
70-519 CHSL BAR ROLL1/2X15
70-865 HCKS FLT FRM
70-950 SCR EXTR 1/8
70-952 SCR EXTR 3/16
70-954 SCR EXTR 15/64
70-956 SCR EXTR 5/16
70-958 SCR EXTR 3/8
70-960 SCR EXTR 15/32
70-962 SCR EXTR 9/16
70-964 SCR EXTR 21/32
70-966 SCR EXTR 13/16
72-441 CONE PULLER 2/3 JAW
73-010 WR PIPE 10 HD
73-014 WR PIPE 14 HD
73-018 WR PIPE 18 HD
73-295 CHAIN 3/8 TO 4
78-404 C-CL THRT DP 4 STD SCREW BLK (2)
67-407 7" LOCKING PLIERS

Set 15-027 164 Pc. Basic Set - Tools Only

10-006 SKT 1/4DR 6PT 3/16
10-007 SKT 1/4DR 6PT 7/32
10-008 SKT 1/4DR 6PT 1/4
10-009 SKT 1/4DR 6PT 9/32
10-010 SKT 1/4DR 6PT 5/16
10-011 SKT 1/4DR 6PT 11/32
10-012 SKT 1/4DR 6PT 3/8
10-014 SKT 1/4DR 6PT 7/16
10-016 SKT 1/4DR 6PT 1/2
10-018 SKT 1/4DR 6PT 9/16
10-921 EXTEN 1/4DR 2
10-923 EXTEN 1/4DR 6
10-943 HDL SPIN 1/4DR 6
10-947 UNV JNT 1/4DR
10-972 RAT 1/4DR 5-9/32
11-112 SKT 3/8DR 12PT 3/8
11-114 SKT 3/8DR 12PT 7/16
11-116 SKT 3/8DR 12PT 1/2
11-118 SKT 3/8DR 12PT 9/16
11-120 SKT 3/8DR 12PT 5/8
11-122 SKT 3/8DR 12PT 11/16
11-124 SKT 3/8DR 12PT 3/4
11-126 SKT 3/8DR 12PT 13/16
11-128 SKT 3/8DR 12PT 7/8
11-310 SKT 3/8DR 12PT 5/16 DP
11-312 SKT 3/8DR 12PT 3/8 DP
11-314 SKT 3/8DR 12PT 7/16 DP
11-316 SKT 3/8DR 12PT 1/2 DP
11-318 SKT 3/8DR 12PT 9/16 DP
11-320 SKT 3/8DR 12PT 5/8 DP
11-322 SKT 3/8DR 12PT 11/16 DP
11-324 SKT 3/8DR 12PT 3/4 DP
11-326 SKT 3/8DR 12PT 13/16 DP
11-328 SKT 3/8DR 12PT 7/8 DP
11-918 HDL FLX 3/8DR 8-1/2
11-922 EXTEN 3/8DR 3
11-927 EXTEN 3/8DR 12
11-935 HDL SPD 3/8DR 16-1/2
11-947 UNV JNT 3/8DR
11-972 RAT 3/8DR 7-3/8 REPL 11-903
12-112 SKT 1/2DR 12PT 3/8
12-114 SKT 1/2DR 12PT 7/16
12-116 SKT 1/2DR 12PT 1/2
12-118 SKT 1/2DR 12PT 9/16
12-119 SKT 1/2DR 12PT 19/32
12-120 SKT 1/2DR 12PT 5/8
12-121 SKT 1/2DR 12PT 21/32
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-125 SKT 1/2DR 12PT 25/32
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-134 SKT 1/2DR 12PT 1-1/16
12-136 SKT 1/2DR 12PT 1-1/8
12-138 SKT 1/2DR 12PT 1-3/16
12-140 SKT 1/2DR 12PT 1-1/4
12-918 HDL FLX 1/2DR 17
12-921 EXTEN 1/2DR 2-1/2
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-935 HDL SPD 1/2DR 19
12-947 UNV JNT 1/2DR
12-972 RAT 1/2DR 10-1/2 REPL 12-903
13-128 SKT 3/4DR 12PT 7/8
13-130 SKT 3/4DR 12PT 15/16
13-132 SKT 3/4DR 12PT 1
13-134 SKT 3/4DR 12PT 1-1/16
13-136 SKT 3/4DR 12PT 1-1/8
13-140 SKT 3/4DR 12PT 1-1/4
13-142 SKT 3/4DR 12PT 1-5/16
13-144 SKT 3/4DR 12PT 1-3/8
13-146 SKT 3/4DR 12PT 1-7/16
13-148 SKT 3/4DR 12PT 1-1/2
13-152 SKT 3/4DR 12PT 1-5/8
13-156 SKT 3/4DR 12PT 1-3/4
13-158 SKT 3/4DR 12PT 1-13/16
13-160 SKT 3/4DR 12PT 1-7/8
13-164 SKT 3/4DR 12PT 2
13-918 HDL FLX 3/4DR 22
13-923 EXTEN 3/4DR 8
13-925 EXTEN 3/4DR 16
13-938 HDL T 3/4DR 17-1/2
13-972 RAT 3/4DR 19
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP
28-406 WR ADJ 6
28-410 WR ADJ 10
28-412 WR ADJ 12
3470 HOOK & PIN PULLER
485 GASKET SCRAPER
56198 7PC BALL PLUS SET
66-150 SCRDR PHLP #2X1-1/2
66-152 SCRDR PHLP #0X2-1/2
66-153 SCRDR PHLP #1X3
66-156 SCRDR PHLP #2X4
66-161 SCRDR PHLP #3X6
66-164 SCRDR PHLP #4X8
66-203 SCRDR SLT 3/16X4 SQ
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
66-226 SCRDR SLT 7/16X12 SQ
66-232 SCRDR SLT 1/4X1-1/2 SQ
67-067 PLR LNMN 8-1/2 W/GRP
67-109 PLR DIAG CUT 7 HD W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-535 PLR END CUT 7-3/8 W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
67-783 PLR TNG&GRV 16 W/GRP
67-901 PLR WIRE STRPR CRMP CUT 8-1/4
68-065 SET RET RNG PLR LIGHT DUTY
68-255 SNIPS AVN 10 STRT
68-310 KNFE UTIL RETRACT
68-445 TP MEAS 1X25 LCK AUTO
69-448 HMR BLL PN 1LB WD HDL
69-452 HMR BLL PN 2LB WD HDL
69-532 HMR DEAD BLOW STD 21OZ
70-000 PUNCH & CHISEL HOLDER
70-103 PNCH PIN 3/32 TIP
70-105 PNCH PIN 1/8 TIP
70-109 PNCH PIN 3/16 TIP
70-153 PNCH START 1/16 TIP
70-157 PNCH START 1/8 TIP
70-161 PNCH START 3/16 TIP
70-235 PNCH CNTR 3/8
70-303 CHSL CLD 5/16 TIP
70-307 CHSL CLD 7/16 TIP
70-309 CHSL CLD 1/2 TIP
70-393 CHSL CAPE 7/32 TIP
70-421 CHSL DIA PT 3/16 TIP
70-503 ALIGNING BAR PINCH 5/8X16
70-519 CHSL BAR ROLL1/2X15
70-865 HCKS FLT FRM
70-950 SCR EXTR 1/8
70-952 SCR EXTR 3/16
70-954 SCR EXTR 15/64
70-956 SCR EXTR 5/16
70-958 SCR EXTR 3/8
73-014 WR PIPE 14 HD
78-404 C-CL THRT DP 4 STD SCREW BLK (2)
67-407 7" LOCKING PLIERS

Set 15-032 406 Pc. Master Set - Tools Only

67-410 10" LOCKING PLIERS
11-108 SKT 3/8DR 12PT 1/4
11-110 SKT 3/8DR 12PT 5/16
11-112 SKT 3/8DR 12PT 3/8
11-114 SKT 3/8DR 12PT 7/16
11-116 SKT 3/8DR 12PT 1/2
11-118 SKT 3/8DR 12PT 9/16
11-120 SKT 3/8DR 12PT 5/8
11-122 SKT 3/8DR 12PT 11/16
11-124 SKT 3/8DR 12PT 3/4
11-126 SKT 3/8DR 12PT 13/16
11-128 SKT 3/8DR 12PT 7/8
11-130 SKT 3/8DR 12PT 15/16
11-132 SKT 3/8DR 12PT 1
11-308 SKT 3/8DR 12PT 1/4 DP
11-310 SKT 3/8DR 12PT 5/16 DP
11-312 SKT 3/8DR 12PT 3/8 DP
11-314 SKT 3/8DR 12PT 7/16 DP
11-316 SKT 3/8DR 12PT 1/2 DP
11-318 SKT 3/8DR 12PT 9/16 DP
11-320 SKT 3/8DR 12PT 5/8 DP
11-322 SKT 3/8DR 12PT 11/16 DP
11-324 SKT 3/8DR 12PT 3/4 DP
11-326 SKT 3/8DR 12PT 13/16 DP
11-328 SKT 3/8DR 12PT 7/8 DP
11-330 SKT 3/8DR 12PT 15/16 DP
11-332 SKT 3/8DR 12PT 1 DP
11-408 SKT 3/8DR 8PT 1/4
11-410 SKT 3/8DR 8PT 5/16
11-412 SKT 3/8DR 8PT 3/8
11-414 SKT 3/8DR 8PT 7/16
11-416 SKT 3/8DR 8PT 1/2
11-512 SKT 3/8DR UNV 12PT 3/8
11-514 SKT 3/8DR UNV 12PT 7/16
11-516 SKT 3/8DR UNV 12PT 1/2
11-518 SKT 3/8DR UNV 12PT 9/16
11-520 SKT 3/8DR UNV 12PT 5/8
11-522 SKT 3/8DR UNV 12PT 11/16
11-524 SKT 3/8DR UNV 12PT 3/4
11-708 SKT 3/8DR HEX BIT 1/8
11-710 SKT 3/8DR HEX BIT 5/32
11-711 SKT 3/8DR HEX BIT 3/16
11-712 SKT 3/8DR HEX BIT 7/32
11-713 SKT 3/8DR HEX BIT 1/4
11-714 SKT 3/8DR HEX BIT 5/16
11-715 SKT 3/8DR HEX BIT 3/8
11-802 SKT 3/8DR SLT BIT 1/4
11-822 SKT 3/8DR PHLP BIT #2
11-825 SKT 3/8DR PHLP BIT #3
11-828 SKT 3/8DR PHLP BIT #4
11-850 WR 3/8DR CRFT 3/8
11-851 WR 3/8DR CRFT 7/16
11-852 WR 3/8DR CRFT 1/2
11-853 WR 3/8DR CRFT 9/16
11-854 WR 3/8DR CRFT 5/8
11-855 WR 3/8DR CRFT 11/16
11-856 WR 3/8DR CRFT 3/4
11-857 WR 3/8DR CRFT 13/16
11-858 WR 3/8DR CRFT 7/8
11-872 SKT 3/8DR TRX BIT T15
11-874 SKT 3/8DR TRX BIT T20
11-876 SKT 3/8DR TRX BIT T25
11-878 SKT 3/8DR TRX BIT T27
11-880 SKT 3/8DR TRX BIT T30
11-882 SKT 3/8DR TRX BIT T40
11-884 SKT 3/8DR TRX BIT T45
11-886 SKT 3/8DR TRX BIT T50
11-918 HDL FLX 3/8DR 8-1/2
11-922 EXTEN 3/8DR 3
11-923 EXTEN 3/8DR 6
11-927 EXTEN 3/8DR 12
11-929 EXTEN FLX 3/8DR 7-1/4
11-935 HDL SPD 3/8DR 16-1/2
11-938 HDL T 3/8DR 8
11-947 UNV JNT 3/8DR
11-972 RAT 3/8DR 7-3/8 REPL 11-903
11-974 RAT 3/8DR FLX 9-1/2
12-112 SKT 1/2DR 12PT 3/8
12-114 SKT 1/2DR 12PT 7/16
12-116 SKT 1/2DR 12PT 1/2
12-118 SKT 1/2DR 12PT 9/16
12-119 SKT 1/2DR 12PT 19/32
12-120 SKT 1/2DR 12PT 5/8
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-125 SKT 1/2DR 12PT 25/32
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-134 SKT 1/2DR 12PT 1-1/16
12-136 SKT 1/2DR 12PT 1-1/8
12-138 SKT 1/2DR 12PT 1-3/16
12-140 SKT 1/2DR 12PT 1-1/4
12-142 SKT 1/2DR 12PT 1-5/16
12-144 SKT 1/2DR 12PT 1-3/8
12-146 SKT 1/2DR 12PT 1-7/16
12-148 SKT 1/2DR 12PT 1-1/2
12-316 SKT 1/2DR 12PT 1/2 DP
12-318 SKT 1/2DR 12PT 9/16 DP
12-320 SKT 1/2DR 12PT 5/8 DP
12-322 SKT 1/2DR 12PT 11/16 DP
12-324 SKT 1/2DR 12PT 3/4 DP
12-326 SKT 1/2DR 12PT 13/16 DP
12-328 SKT 1/2DR 12PT 7/8 DP
12-330 SKT 1/2DR 12PT 15/16 DP
12-332 SKT 1/2DR 12PT 1 DP
12-334 SKT 1/2DR 12PT 1-1/16 DP
12-336 SKT 1/2DR 12PT 1-1/8 DP
12-340 SKT 1/2DR 12PT 1-1/4 DP
12-412 SKT 1/2DR 8PT 3/8
12-414 SKT 1/2DR 8PT 7/16
12-416 SKT 1/2DR 8PT 1/2
12-418 SKT 1/2DR 8PT 9/16
12-420 SKT 1/2DR 8PT 5/8
12-422 SKT 1/2DR 8PT 11/16
12-424 SKT 1/2DR 8PT 3/4
12-426 SKT 1/2DR 8PT 13/16
12-428 SKT 1/2DR 8PT 7/8
12-432 SKT 1/2DR 8PT 1
12-516 SKT 1/2DR UNV 12PT 1/2
12-518 SKT 1/2DR UNV 12PT 9/16
12-520 SKT 1/2DR UNV 12PT 5/8
12-713 SKT 1/2DR HEX BIT 1/4
12-714 SKT 1/2DR HEX BIT 5/16
12-715 SKT 1/2DR HEX BIT 3/8
12-716 SKT 1/2DR HEX BIT 7/16
12-717 SKT 1/2DR HEX BIT 1/2
12-718 SKT 1/2DR HEX BIT 9/16
12-719 SKT 1/2DR HEX BIT 5/8
12-892 SKT 1/2DR DRAG LNK 7/64
12-893 SKT 1/2DR DRAG LNK 3/32
12-918 HDL FLX 1/2DR 17
12-921 EXTEN 1/2DR 2-1/2
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-935 HDL SPD 1/2DR 19
12-938 HDL T 1/2DR 11
12-944 ADP RAT 1/2DR
12-947 UNV JNT 1/2DR
12-951 ADP 1/2 F. 3/8 M.
12-972 RAT 1/2DR 10-1/2 REPL 12-903
12-973 RAT 1/2DR 15 REPL 12-904
12-974 RAT 1/2DR FLX 14-1/4
13-128 SKT 3/4DR 12PT 7/8
13-130 SKT 3/4DR 12PT 15/16
13-132 SKT 3/4DR 12PT 1
13-134 SKT 3/4DR 12PT 1-1/16
13-136 SKT 3/4DR 12PT 1-1/8
13-138 SKT 3/4DR 12PT 1-3/16
13-140 SKT 3/4DR 12PT 1-1/4
13-142 SKT 3/4DR 12PT 1-5/16
13-144 SKT 3/4DR 12PT 1-3/8
13-146 SKT 3/4DR 12PT 1-7/16
13-148 SKT 3/4DR 12PT 1-1/2
13-150 SKT 3/4DR 12PT 1-9/16
13-152 SKT 3/4DR 12PT 1-5/8
13-154 SKT 3/4DR 12PT 1-11/16
13-156 SKT 3/4DR 12PT 1-3/4

Continued . . .

ARMSTRONG INDUSTRIAL HAND TOOLS

Master Set Contents

Set 15-032 406 Pc. Master Set Cont.

13-158 SKT 3/4DR 12PT 1-13/16
13-160 SKT 3/4DR 12PT 1-7/8
13-164 SKT 3/4DR 12PT 2
13-168 SKT 3/4DR 12PT 2-1/8
13-170 SKT 3/4DR 12PT 2-3/16
13-172 SKT 3/4DR 12PT 2-1/4
13-176 SKT 3/4DR 12PT 2-3/8
13-918 HDL FLX 3/4DR 22
13-922 EXTEN 3/4DR 5
13-923 EXTEN 3/4DR 8
13-925 EXTEN 3/4DR 16
13-938 HDL T 3/4DR 17-1/2
13-947 UNV JNT 3/4DR
13-972 RAT 3/4DR 19
2425 SCRAPER
25-004 WR COMB 6PT SHT 1/8 FP
25-005 WR COMB 6PT SHT 5/32 FP
25-006 WR COMB 6PT SHT 3/16 FP
25-008 WR COMB 6PT SHT 1/4 FP
25-009 WR COMB 6PT SHT 9/32 FP
25-010 WR COMB 6PT SHT 5/16 FP
25-011 WR COMB 6PT SHT 11/32 FP
25-012 WR COMB 6PT SHT 3/8 FP
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP
25-242 WR COMB 12PT LNG 1-5/16
25-244 WR COMB 12PT LNG 1-3/8
25-246 WR COMB 12PT LNG 1-7/16
25-248 WR COMB 12PT LNG 1-1/2
25-512 WR COMB FLX HD 12PT 3/8 FP
25-514 WR COMB FLX HD 12PT 7/16 FP
25-516 WR COMB FLX HD 12PT 1/2 FP
25-518 WR COMB FLX HD 12PT 9/16 FP
25-520 WR COMB FLX HD 12PT 5/8 FP
25-522 WR COMB FLX HD 12PT 11/16 FP
25-524 WR COMB FLX HD 12PT 3/4 FP
26-022 WR OE 1/4X5/16 FP
26-043 WR OE 3/8X7/16 FP
26-067 WR OE 1/2X9/16 FP
26-094 WR OE 5/8X11/16 FP
26-121 WR OE 3/4X13/16 FP
26-139 WR OE 7/8X15/16 FP
26-163 WR OE 1X1-1/8 FP
26-169 WR OE 1-1/16X1-1/4 FP
26-187 WR OE 1-5/16X1-1/2 FP
26-190 WR OE 1-3/8X1-7/16 FP
27-143 WR BX 12PT SHT 3/8X7/16 FP
27-167 WR BX 12PT SHT 1/2X9/16 FP
27-194 WR BX 12PT SHT 5/8X11/16 FP
27-206 WR BX 12PT SHT 11/16X3/4 FP
27-343 WR BX 12PT LNG 3/8X7/16 FP
27-367 WR BX 12PT LNG 1/2X9/16 FP
27-394 WR BX 12PT LNG 5/8X11/16 FP
27-424 WR BX 12PT LNG 3/4X7/8 FP
27-451 WR BX 12PT LNG 15/16X1 FP
27-466 WR BX 12PT LNG 1-1/16X1-1/8 FP
27-510 WR GEARED BOX 12PT 3/8 FP
27-511 WR GEARED BOX 12PT 7/16 FP
27-512 WR GEARED BOX 12PT 1/2 FP
27-513 WR GEARED BOX 12PT 9/16 FP
27-514 WR GEARED BOX 12PT 5/8 FP
27-515 WR GEARED BOX 12PT 11/16 FP
27-516 WR GEARED BOX 12PT 3/4 FP
27-904 WR ANG OE 15/64 MDGT 15&75D FP
27-907 WR ANG OE 7/32 MDGT 15&75D FP
27-908 WR ANG OE 1/4 MDGT 15&75D FP
27-909 WR ANG OE 9/32 MDGT 15&75D FP
27-910 WR ANG OE 5/16 MDGT 15&75D FP
27-911 WR ANG OE 11/32 MDGT 15&75D FP
27-912 WR ANG OE 3/8 MDGT 15&75D FP
27-914 WR ANG OE 7/16 MDGT 15&75D FP
27-916 WR ANG OE 1/2 MDGT 15&75D FP
28-212 WR COMB FLR NUT 6PT 3/8 FP
28-214 WR COMB FLR NUT 6PT 7/16 FP
28-216 WR COMB FLR NUT 6PT 1/2 FP
28-218 WR COMB FLR NUT 6PT 9/16 FP
28-220 WR COMB FLR NUT 6PT 5/8 FP
28-222 WR COMB FLR NUT 6PT 11/16 FP
28-224 WR COMB FLR NUT 6PT 3/4 FP
28-312 WR RAT FLR NUT 12PT 3/8
28-314 WR RAT FLR NUT 12PT 7/16
28-316 WR RAT FLR NUT 12PT 1/2
28-318 WR RAT FLR NUT 12PT 9/16
28-320 WR RAT FLR NUT 12PT 5/8
28-322 WR RAT FLR NUT 12PT 11/16
28-324 WR RAT FLR NUT 12PT 3/4
28-408 WR ADJ 8
28-410 WR ADJ 10
28-412 WR ADJ 12
28-415 WR ADJ 15
3470 HOOK & PIN PULLER
485 GASKET SCRAPER
56131 6 PC T-HDLE BALL PLUS
56193 13 PC BALL PLUS SET
64-086 WR TRQ 1/2DR 25-250 FT/LB
66-150 SCRDR PHLP #2X1-1/2
66-152 SCRDR PHLP #0X2-1/2
66-153 SCRDR PHLP #1X3
66-155 SCRDR PHLP #1X6
66-156 SCRDR PHLP #2X4
66-158 SCRDR PHLP #2X8
66-161 SCRDR PHLP #3X6
66-164 SCRDR PHLP #4X8
66-203 SCRDR SLT 3/16X4 SQ
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
66-226 SCRDR SLT 7/16X12 SQ
66-232 SCRDR SLT 1/4X1-1/2 SQ
66-253 SCRDR CAB 1/8X3
66-255 SCRDR CAB 1/8X4
66-259 SCRDR CAB 1/8X8
66-262 SCRDR CAB 3/16X4
66-268 SCRDR CAB 3/16X8
66-806 NUT DR 3/16 HOLL SHFT
66-807 NUT DR 7/32 HOLL SHFT
66-808 NUT DR 1/4 HOLL SHFT
66-809 NUT DR 9/32 HOLL SHFT
66-810 NUT DR 5/16 HOLL SHFT
66-811 NUT DR 11/32 HOLL SHFT
66-812 NUT DR 3/8 HOLL SHFT
66-814 NUT DR 7/16 HOLL SHFT
66-816 NUT DR 1/2 HOLL SHFT
66-818 NUT DR 9/16 HOLL SHFT
66-820 NUT DR 5/8 HOLL SHFT
66-924 SCR START SLT 5
66-933 SCR START PHLP 5
67-067 PLR LNMN 8-1/2 W/GRP
67-109 PLR DIAG CUT 7 HD W/GRP
67-161 PLR DIAG CUT 6-3/8 W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-357 PLR NDL NSE 5-7/16 W/GRP
67-401 PLR NDL NSE 5-7/8 CURV W/GRP
67-503 PLR DKBL 8 W/GRP
67-535 PLR END CUT 7-3/8 W/GRP
67-667 PLR SLP JNT 6-1/2 W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-717 PLR TNG&GRV 5 W/GRP
67-777 PLR TNG&GRV 6 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
67-783 PLR TNG&GRV 16 W/GRP
67-901 PLR WIRE STRPR CRMP CUT 8-1/4
68-025 PLR RET RNG CONV .038 0D
68-026 PLR RET RNG CONV .038 45D
68-027 PLR RET RNG CONV .038 90D
68-028 PLR RET RNG CONV .047 0D
68-029 PLR RET RNG CONV .047 45D
68-030 PLR RET RNG CONV .047 90D
68-031 PLR RET RNG CONV .070 0D
68-032 PLR RET RNG CONV .070 45D
68-033 PLR RET RNG CONV .070 90D
68-034 PLR RET RNG CONV .090 0D
68-035 PLR RET RNG CONV .090 45D
68-036 PLR RET RNG CONV .090 90D
68-241 SNIPS MINI 6-1/2
68-255 SNIPS AVN 10 STRT
68-275 SNIPS STRT 12-3/4
68-310 KNFE UTIL RETRACT
68-445 TP MEAS 1X25 LCK AUTO
69-444 HMR BLL PN 8OZ WD HDL
69-448 HMR BLL PN 1LB WD HDL
69-452 HMR BLL PN 2LB WD HDL
69-490 RBR MALL 32OZ 16-1/2
69-513 HMR BRS 1.5LB W/GRP
69-532 HMR DEAD BLOW STD 21OZ
69-534 HMR DEAD BLOW STD 52OZ
67-436 6" LOCKING PLIERS
70-000 PUNCH & CHISEL HOLDER
70-103 PNCH PIN 3/32 TIP
70-105 PNCH PIN 1/8 TIP
70-107 PNCH PIN 5/32 TIP
70-109 PNCH PIN 3/16 TIP
70-129 PNCH PIN 7/32 TIP
70-131 PNCH PIN 1/4 TIP
70-155 PNCH START 3/32 TIP
70-157 PNCH START 1/8 TIP
70-161 PNCH START 3/16 TIP
70-163 PNCH START 7/32 TIP
70-165 PNCH START 1/4 TIP
70-189 PNCH DRFT 1/8 TIP
70-193 PNCH DRFT 3/16 TIP
70-197 PNCH DRFT 1/4 TIP
70-235 PNCH CNTR 3/8
70-239 PNCH CNTR 1/2
70-255 PNCH PRCK 3/8
70-301 CHSL CLD 1/4 TIP
70-303 CHSL CLD 5/16 TIP
70-305 CHSL CLD 3/8 TIP
70-309 CHSL CLD 1/2 TIP
70-311 CHSL CLD 5/8 TIP
70-313 CHSL CLD 3/4 TIP
70-315 CHSL CLD 7/8 TIP
70-317 CHSL CLD 1 TIP
70-319 CHSL CLD 1-1/8 TIP
70-503 ALIGNING BAR PINCH 5/8X16
70-505 ALIGNING BAR PINCH 3/4X24
70-519 CHSL BAR ROLL1/2X15
70-521 CHSL BAR ROLL 5/8X18
70-865 HCKS FLT FRM
70-929 TELESCP MIRROR 2-1/8 DIA
70-933 RETR TL MAG TELESCP
70-950 SCR EXTR 1/8
70-952 SCR EXTR 3/16
70-954 SCR EXTR 15/64
70-956 SCR EXTR 5/16
70-958 SCR EXTR 3/8
70-960 SCR EXTR 15/32
70-962 SCR EXTR 9/16
70-964 SCR EXTR 21/32
70-966 SCR EXTR 13/16
72-441 PULLER CONE 2/3 JAW
73-010 WR PIPE 10 HD
73-014 WR PIPE 14 HD
73-018 WR PIPE 18 HD
73-295 CHAIN 3/8 TO 4
78-404 C-CL THRT DP 4 STD SCREW BLK (2)
67-407 7" LOCKING PLIERS

Set 15-037 248 Pc. Intermediate Set - Tools Only

67-410 10" LOCKING PLIERS
11-112 SKT 3/8DR 12PT 3/8
11-114 SKT 3/8DR 12PT 7/16
11-116 SKT 3/8DR 12PT 1/2
11-118 SKT 3/8DR 12PT 9/16
11-120 SKT 3/8DR 12PT 5/8
11-122 SKT 3/8DR 12PT 11/16
11-124 SKT 3/8DR 12PT 3/4
11-126 SKT 3/8DR 12PT 13/16
11-128 SKT 3/8DR 12PT 7/8
11-312 SKT 3/8DR 12PT 3/8 DP
11-314 SKT 3/8DR 12PT 7/16 DP
11-316 SKT 3/8DR 12PT 1/2 DP
11-318 SKT 3/8DR 12PT 9/16 DP
11-320 SKT 3/8DR 12PT 5/8 DP
11-322 SKT 3/8DR 12PT 11/16 DP
11-324 SKT 3/8DR 12PT 3/4 DP
11-326 SKT 3/8DR 12PT 13/16 DP
11-328 SKT 3/8DR 12PT 7/8 DP
11-408 SKT 3/8DR 8PT 1/4
11-410 SKT 3/8DR 8PT 5/16
11-412 SKT 3/8DR 8PT 3/8
11-514 SKT 3/8DR UNV 12PT 7/16
11-516 SKT 3/8DR UNV 12PT 1/2
11-518 SKT 3/8DR UNV 12PT 9/16
11-520 SKT 3/8DR UNV 12PT 5/8
11-524 SKT 3/8DR UNV 12PT 3/4
11-708 SKT 3/8DR HEX BIT 1/8
11-710 SKT 3/8DR HEX BIT 5/32
11-711 SKT 3/8DR HEX BIT 3/16
11-712 SKT 3/8DR HEX BIT 7/32
11-713 SKT 3/8DR HEX BIT 1/4
11-714 SKT 3/8DR HEX BIT 5/16
11-715 SKT 3/8DR HEX BIT 3/8
11-918 HDL FLX 3/8DR 8-1/2
11-922 EXTEN 3/8DR 3
11-923 EXTEN 3/8DR 6
11-927 EXTEN 3/8DR 12
11-935 HDL SPD 3/8DR 16-1/2
11-947 UNV JNT 3/8DR
11-972 RAT 3/8DR 7-3/8 REPL 11-903
12-112 SKT 1/2DR 12PT 3/8
12-114 SKT 1/2DR 12PT 7/16
12-116 SKT 1/2DR 12PT 1/2
12-118 SKT 1/2DR 12PT 9/16
12-120 SKT 1/2DR 12PT 5/8
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-134 SKT 1/2DR 12PT 1-1/16
12-136 SKT 1/2DR 12PT 1-1/8
12-140 SKT 1/2DR 12PT 1-1/4
12-316 SKT 1/2DR 12PT 1/2 DP
12-318 SKT 1/2DR 12PT 9/16 DP
12-320 SKT 1/2DR 12PT 5/8 DP
12-322 SKT 1/2DR 12PT 11/16 DP
12-324 SKT 1/2DR 12PT 3/4 DP
12-326 SKT 1/2DR 12PT 13/16 DP
12-328 SKT 1/2DR 12PT 7/8 DP
12-330 SKT 1/2DR 12PT 15/16 DP
12-332 SKT 1/2DR 12PT 1 DP
12-334 SKT 1/2DR 12PT 1-1/16 DP
12-336 SKT 1/2DR 12PT 1-1/8 DP
12-340 SKT 1/2DR 12PT 1-1/4 DP
12-717 SKT 1/2DR HEX BIT 1/2
12-718 SKT 1/2DR HEX BIT 9/16
12-719 SKT 1/2DR HEX BIT 5/8
12-918 HDL FLX 1/2DR 17
12-921 EXTEN 1/2DR 2-1/2
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-935 HDL SPD 1/2DR 19
12-947 UNV JNT 1/2DR
12-972 RAT 1/2DR 10-1/2 REPL 12-903
13-128 SKT 3/4DR 12PT 7/8
13-130 SKT 3/4DR 12PT 15/16
13-132 SKT 3/4DR 12PT 1
13-134 SKT 3/4DR 12PT 1-1/16
13-136 SKT 3/4DR 12PT 1-1/8
13-140 SKT 3/4DR 12PT 1-1/4
13-142 SKT 3/4DR 12PT 1-5/16
13-144 SKT 3/4DR 12PT 1-3/8
13-146 SKT 3/4DR 12PT 1-7/16
13-148 SKT 3/4DR 12PT 1-1/2
13-152 SKT 3/4DR 12PT 1-5/8
13-156 SKT 3/4DR 12PT 1-3/4
13-158 SKT 3/4DR 12PT 1-13/16
13-160 SKT 3/4DR 12PT 1-7/8
13-164 SKT 3/4DR 12PT 2
13-918 HDL FLX 3/4DR 22
13-923 EXTEN 3/4DR 8
13-925 EXTEN 3/4DR 16
13-938 HDL T 3/4DR 17-1/2
13-972 RAT 3/4DR 19
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP
25-242 WR COMB 12PT LNG 1-5/16
25-244 WR COMB 12PT LNG 1-3/8
25-246 WR COMB 12PT LNG 1-7/16
25-248 WR COMB 12PT LNG 1-1/2
26-022 WR OE 1/4X5/16 FP
26-034 WR OE 5/16X3/8 FP
26-058 WR OE 7/16X1/2 FP
26-067 WR OE 1/2X9/16 FP
26-079 WR OE 9/16X5/8 FP
26-097 WR OE 5/8X3/4 FP
26-106 WR OE 11/16X3/4 FP
26-133 WR OE 13/16X7/8 FP
26-151 WR OE 15/16X1 FP
26-166 WR OE 1-1/16X1-1/8 FP
27-143 WR BX 12PT SHT 3/8X7/16 FP
27-167 WR BX 12PT SHT 1/2X9/16 FP
27-194 WR BX 12PT SHT 5/8X11/16 FP
27-206 WR BX 12PT SHT 11/16X3/4 FP
27-510 WR GEARED BOX 12PT 3/8 FP
27-511 WR GEARED BOX 12PT 7/16 FP
27-512 WR GEARED BOX 12PT 1/2 FP
27-513 WR GEARED BOX 12PT 9/16 FP
27-514 WR GEARED BOX 12PT 5/8 FP
27-515 WR GEARED BOX 12PT 11/16 FP
27-516 WR GEARED BOX 12PT 3/4 FP
28-212 WR COMB FLR NUT 6PT 3/8 FP
28-214 WR COMB FLR NUT 6PT 7/16 FP
28-216 WR COMB FLR NUT 6PT 1/2 FP
28-218 WR COMB FLR NUT 6PT 9/16 FP
28-220 WR COMB FLR NUT 6PT 5/8 FP
28-222 WR COMB FLR NUT 6PT 11/16 FP
28-224 WR COMB FLR NUT 6PT 3/4 FP
28-408 WR ADJ 8
28-410 WR ADJ 10
28-412 WR ADJ 12
28-415 WR ADJ 15
3470 HOOK & PIN PULLER
485 GASKET SCRAPER
56196 12 PC BALL PLUS SET
64-086 WR TRQ 1/2DR 25-250 FT/LB
66-150 SCRDR PHLP #2X1-1/2
66-152 SCRDR PHLP #0X2-1/2
66-153 SCRDR PHLP #1X3
66-156 SCRDR PHLP #2X4
66-161 SCRDR PHLP #3X6
66-164 SCRDR PHLP #4X8
66-203 SCRDR SLT 3/16X4 SQ
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
66-226 SCRDR SLT 7/16X12 SQ
66-232 SCRDR SLT 1/4X1-1/2 SQ
66-806 NUT DR 3/16 HOLL SHFT
66-807 NUT DR 7/32 HOLL SHFT
66-808 NUT DR 1/4 HOLL SHFT
66-809 NUT DR 9/32 HOLL SHFT
66-810 NUT DR 5/16 HOLL SHFT
66-811 NUT DR 11/32 HOLL SHFT
66-812 NUT DR 3/8 HOLL SHFT
66-814 NUT DR 7/16 HOLL SHFT
66-816 NUT DR 1/2 HOLL SHFT
67-067 PLR LNMN 8-1/2 W/GRP
67-109 PLR DIAG CUT 7 HD W/GRP
67-161 PLR DIAG CUT 6-3/8 W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-401 PLR NDL NSE 5-7/8 CURV W/GRP
67-503 PLR DKBL 8 W/GRP
67-535 PLR END CUT 7-3/8 W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
67-783 PLR TNG&GRV 16 W/GRP
67-901 PLR WIRE STRPR CRMP CUT 8-1/4
68-025 PLR RET RNG CONV .038 0D
68-026 PLR RET RNG CONV .038 45D
68-027 PLR RET RNG CONV .038 90D
68-028 PLR RET RNG CONV .047 0D
68-029 PLR RET RNG CONV .047 45D
68-030 PLR RET RNG CONV .047 90D
68-031 PLR RET RNG CONV .070 0D
68-032 PLR RET RNG CONV .070 45D
68-033 PLR RET RNG CONV .070 90D
68-034 PLR RET RNG CONV .090 0D
68-035 PLR RET RNG CONV .090 45D
68-036 PLR RET RNG CONV .090 90D
68-241 SNIPS MINI 6-1/2

Continued . . .

Set 15-037 248 Pc. Intermediate Set Cont.

68-255 SNIPS AVN 10 STRT
68-310 KNFE UTIL RETRACT
68-445 TP MEAS 1X25 LCK AUTO
69-448 HMR BLL PN 1LB WD HDL
69-452 HMR BLL PN 2LB WD HDL
69-513 HMR BRS 1.5LB W/GRP
69-532 HMR DEAD BLOW STD 21OZ
70-000 PUNCH & CHISEL HOLDER
70-103 PNCH PIN 3/32 TIP
70-105 PNCH PIN 1/8 TIP
70-109 PNCH PIN 3/16 TIP
70-153 PNCH START 1/16 TIP
70-157 PNCH START 1/8 TIP
70-161 PNCH START 3/16 TIP
70-235 PNCH CNTR 3/8
70-303 CHSL CLD 5/16 TIP
70-307 CHSL CLD 7/16 TIP
70-309 CHSL CLD 1/2 TIP
70-393 CHSL CAPE 7/32 TIP
70-421 CHSL DIA PT 3/16 TIP
70-503 ALIGNING BAR PINCH 5/8X16
70-519 CHSL BAR ROLL1/2X15
70-865 HCKS FLT FRM
70-950 SCR EXTR 1/8
70-952 SCR EXTR 3/16
70-954 SCR EXTR 15/64
70-956 SCR EXTR 5/16
70-958 SCR EXTR 3/8
70-960 SCR EXTR 15/32
70-962 SCR EXTR 9/16
70-964 SCR EXTR 21/32
70-966 SCR EXTR 13/16
72-441 PULLER CONE 2/3JAW
73-010 WR PIPE 10 HD
73-014 WR PIPE 14 HD
73-018 WR PIPE 18 HD
73-295 CHAIN 3/8 TO 4
78-404 C-CL THRT DP 4 STD BLK (2)
78-406 C-CL THRT DP 6 STD BLK (2)
67-407 7" LOCKING PLIERS

Set 15-042 148 Pc. Basic Mechanics Set - Tools Only

67-410 10" LOCKING PLIERS
11-112 SKT 3/8DR 12PT 3/8
11-114 SKT 3/8DR 12PT 7/16
11-116 SKT 3/8DR 12PT 1/2
11-118 SKT 3/8DR 12PT 9/16
11-120 SKT 3/8DR 12PT 5/8
11-122 SKT 3/8DR 12PT 11/16
11-124 SKT 3/8DR 12PT 3/4
11-126 SKT 3/8DR 12PT 13/16
11-128 SKT 3/8DR 12PT 7/8
11-310 SKT 3/8DR 12PT 5/16 DP
11-312 SKT 3/8DR 12PT 3/8 DP
11-314 SKT 3/8DR 12PT 7/16 DP
11-316 SKT 3/8DR 12PT 1/2 DP
11-318 SKT 3/8DR 12PT 9/16 DP
11-320 SKT 3/8DR 12PT 5/8 DP
11-322 SKT 3/8DR 12PT 11/16 DP
11-324 SKT 3/8DR 12PT 3/4 DP
11-326 SKT 3/8DR 12PT 13/16 DP
11-328 SKT 3/8DR 12PT 7/8 DP
11-918 HDL FLX 3/8DR 8-1/2
11-922 EXTEN 3/8DR 3
11-927 EXTEN 3/8DR 12
11-935 HDL SPD 3/8DR 16-1/2
11-947 UNV JNT 3/8DR
11-972 RAT 3/8DR 7-3/8 REPL 11-903
12-112 SKT 1/2DR 12PT 3/8
12-114 SKT 1/2DR 12PT 7/16
12-116 SKT 1/2DR 12PT 1/2
12-118 SKT 1/2DR 12PT 9/16
12-119 SKT 1/2DR 12PT 19/32
12-120 SKT 1/2DR 12PT 5/8
12-121 SKT 1/2DR 12PT 21/32
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-125 SKT 1/2DR 12PT 25/32
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-134 SKT 1/2DR 12PT 1-1/16
12-136 SKT 1/2DR 12PT 1-1/8
12-138 SKT 1/2DR 12PT 1-3/16
12-140 SKT 1/2DR 12PT 1-1/4
12-918 HDL FLX 1/2DR 17
12-921 EXTEN 1/2DR 2-1/2
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-935 HDL SPD 1/2DR 19
12-945 RAT SPIN 1/2DR
12-947 UNV JNT 1/2DR
12-972 RAT 1/2DR 10-1/2 REPL 12-903
13-128 SKT 3/4DR 12PT 7/8
13-130 SKT 3/4DR 12PT 15/16
13-132 SKT 3/4DR 12PT 1
13-134 SKT 3/4DR 12PT 1-1/16
13-136 SKT 3/4DR 12PT 1-1/8
13-140 SKT 3/4DR 12PT 1-1/4
13-142 SKT 3/4DR 12PT 1-5/16
13-144 SKT 3/4DR 12PT 1-3/8
13-146 SKT 3/4DR 12PT 1-7/16
13-148 SKT 3/4DR 12PT 1-1/2
13-152 SKT 3/4DR 12PT 1-5/8
13-156 SKT 3/4DR 12PT 1-3/4
13-158 SKT 3/4DR 12PT 1-13/16
13-160 SKT 3/4DR 12PT 1-7/8
13-164 SKT 3/4DR 12PT 2
13-918 HDL FLX 3/4DR 22
13-923 EXTEN 3/4DR 8
13-925 EXTEN 3/4DR 16
13-938 HDL T 3/4DR 17-1/2
13-972 RAT 3/4DR 19
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP
28-410 WR ADJ 10
28-412 WR ADJ 12
28-415 WR ADJ 15
485 GASKET SCRAPER
56198 7 PC BALL PLUS SET
66-150 SCRDR PHLP #2X1-1/2
66-152 SCRDR PHLP #0X2-1/2
66-153 SCRDR PHLP #1X3
66-156 SCRDR PHLP #2X4
66-161 SCRDR PHLP #3X6
66-164 SCRDR PHLP #4X8
66-203 SCRDR SLT 3/16X4 SQ
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
66-226 SCRDR SLT 7/16X12 SQ
66-232 SCRDR SLT 1/4X1-1/2 SQ
67-067 PLR LNMN 8-1/2 W/GRP
67-109 PLR DIAG CUT 7 HD W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
67-783 PLR TNG&GRV 16 W/GRP
67-901 PLR WIRE STRPR CRMP CUT 8-1/4
68-065 SET RET RNG PLR LIGHT DUTY
68-255 SNIPS AVN 10 STRT
68-310 KNFE UTIL RETRACT
68-445 TP MEAS 1X25 LCK AUTO
69-448 HMR BLL PN 1LB WD HDL
69-452 HMR BLL PN 2LB WD HDL
69-532 HMR DEAD BLOW STD 21OZ
70-000 PUNCH & CHISEL HOLDER
70-103 PNCH PIN 3/32 TIP
70-105 PNCH PIN 1/8 TIP
70-109 PNCH PIN 3/16 TIP
70-153 PNCH START 1/16 TIP
70-157 PNCH START 1/8 TIP
70-161 PNCH START 3/16 TIP
70-235 PNCH CNTR 3/8
70-303 CHSL CLD 5/16 TIP
70-307 CHSL CLD 7/16 TIP
70-309 CHSL CLD 1/2 TIP
70-393 CHSL CAPE 7/32 TIP
70-421 CHSL DIA PT 3/16 TIP
70-503 ALIGNING BAR PINCH 5/8X16
70-519 CHSL BAR ROLL1/2X15
70-865 HCKS FLT FRM
70-950 SCR EXTR 1/8
70-952 SCR EXTR 3/16
70-954 SCR EXTR 15/64
70-956 SCR EXTR 5/16
70-958 SCR EXTR 3/8
73-014 WR PIPE 14 HD
78-404 C-CL THRT DP 4 STD SCREW BLK (2)
67-407 7" LOCKING PLIERS

Set 15-047 417 Pc. Master Mechanics Set - Tools Only

10-006 SKT 1/4DR 6PT 3/16
10-007 SKT 1/4DR 6PT 7/32
10-008 SKT 1/4DR 6PT 1/4
10-009 SKT 1/4DR 6PT 9/32
10-010 SKT 1/4DR 6PT 5/16
10-011 SKT 1/4DR 6PT 11/32
10-012 SKT 1/4DR 6PT 3/8
10-014 SKT 1/4DR 6PT 7/16
10-016 SKT 1/4DR 6PT 1/2
10-018 SKT 1/4DR 6PT 9/16
10-206 SKT 1/4DR 6PT 3/16 DP
10-207 SKT 1/4DR 6PT 7/32 DP
10-208 SKT 1/4DR 6PT 1/4 DP
10-209 SKT 1/4DR 6PT 9/32 DP
10-210 SKT 1/4DR 6PT 5/16 DP
10-211 SKT 1/4DR 6PT 11/32 DP
10-212 SKT 1/4DR 6PT 3/8 DP
10-214 SKT 1/4DR 6PT 7/16 DP
10-216 SKT 1/4DR 6PT 1/2 DP
10-218 SKT 1/4DR 6PT 9/16 DP
10-408 SKT 1/4DR 4PT 1/4
10-410 SKT 1/4DR 8PT 5/16
10-412 SKT 1/4DR 8PT 3/8
10-704 SKT 1/4 DR HEX BIT 1/16
10-705 SKT 1/4 DR HEX BIT 5/64
10-706 SKT 1/4 DR HEX BIT 3/32
10-707 SKT 1/4 DR HEX BIT 7/64
10-708 SKT 1/4 DR HEX BIT 1/8
10-709 SKT 1/4 DR HEX BIT 9/64
10-710 SKT 1/4 DR HEX BIT 5/32
10-711 SKT 1/4 DR HEX BIT 3/16
10-712 SKT 1/4 DR HEX BIT 7/32
10-713 SKT 1/4 DR HEX BIT 1/4
10-714 SKT 1/4 DR HEX BIT 5/16
10-801 SKT 1/4DR SLT BIT 3/16
10-802 SKT 1/4DR SLT BIT 1/4
10-821 SKT 1/4DR PHLP BIT #1
10-822 SKT 1/4DR PHLP BIT #2
10-823 SKT 1/4DR PHLP BIT #3
10-918 HDL FLX 1/4DR 5-3/4
10-921 EXTEN 1/4DR 2
10-922 EXTEN 1/4DR 4
10-923 EXTEN 1/4DR 6
10-929 EXTEN 1/4DR FLX 6
10-935 HDL SPD 1/4DR 15-3/4
10-938 HDL T 1/4DR 4-1/2
10-943 HDL SPIN 1/4DR 6
10-947 UNV JNT 1/4DR
10-972 RAT 1/4DR 5-9/32 REPL 10-903
67-410 10" LOCKING PLIERS
11-108 SKT 3/8DR 12PT 1/4
11-110 SKT 3/8DR 12PT 5/16
11-112 SKT 3/8DR 12PT 3/8
11-114 SKT 3/8DR 12PT 7/16
11-116 SKT 3/8DR 12PT 1/2
11-118 SKT 3/8DR 12PT 9/16
11-120 SKT 3/8DR 12PT 5/8
11-122 SKT 3/8DR 12PT 11/16
11-124 SKT 3/8DR 12PT 3/4
11-126 SKT 3/8DR 12PT 13/16
11-128 SKT 3/8DR 12PT 7/8
11-130 SKT 3/8DR 12PT 15/16
11-132 SKT 3/8DR 12PT 1
11-308 SKT 3/8DR 12PT 1/4 DP
11-310 SKT 3/8DR 12PT 5/16 DP
11-312 SKT 3/8DR 12PT 3/8 DP
11-314 SKT 3/8DR 12PT 7/16 DP
11-316 SKT 3/8DR 12PT 1/2 DP
11-318 SKT 3/8DR 12PT 9/16 DP
11-320 SKT 3/8DR 12PT 5/8 DP
11-322 SKT 3/8DR 12PT 11/16 DP
11-324 SKT 3/8DR 12PT 3/4 DP
11-326 SKT 3/8DR 12PT 13/16 DP
11-328 SKT 3/8DR 12PT 7/8 DP
11-330 SKT 3/8DR 12PT 15/16 DP
11-332 SKT 3/8DR 12PT 1 DP
11-408 SKT 3/8DR 8PT 1/4
11-410 SKT 3/8DR 8PT 5/16
11-412 SKT 3/8DR 8PT 3/8
11-414 SKT 3/8DR 8PT 7/16
11-416 SKT 3/8DR 8PT 1/2
11-512 SKT 3/8DR UNV 12PT 3/8
11-514 SKT 3/8DR UNV 12PT 7/16
11-516 SKT 3/8DR UNV 12PT 1/2
11-518 SKT 3/8DR UNV 12PT 9/16
11-520 SKT 3/8DR UNV 12PT 5/8
11-522 SKT 3/8DR UNV 12PT 11/16
11-524 SKT 3/8DR UNV 12PT 3/4
11-708 SKT 3/8DR HEX BIT 1/8
11-710 SKT 3/8DR HEX BIT 5/32
11-711 SKT 3/8DR HEX BIT 3/16
11-712 SKT 3/8DR HEX BIT 7/32
11-713 SKT 3/8DR HEX BIT 1/4
11-714 SKT 3/8DR HEX BIT 5/16
11-715 SKT 3/8DR HEX BIT 3/8
11-802 SKT 3/8DR SLT BIT 1/4
11-822 SKT 3/8DR PHLP BIT #2
11-825 SKT 3/8DR PHLP BIT #3
11-828 SKT 3/8DR PHLP BIT #4
11-850 WR 3/8DR CRFT 3/8
11-851 WR 3/8DR CRFT 7/16
11-852 WR 3/8DR CRFT 1/2
11-853 WR 3/8DR CRFT 9/16
11-854 WR 3/8DR CRFT 5/8
11-855 WR 3/8DR CRFT 11/16
11-856 WR 3/8DR CRFT 3/4
11-857 WR 3/8DR CRFT 13/16
11-858 WR 3/8DR CRFT 7/8
11-872 SKT 3/8DR TRX BIT T15
11-874 SKT 3/8DR TRX BIT T20
11-876 SKT 3/8DR TRX BIT T25
11-878 SKT 3/8DR TRX BIT T27
11-880 SKT 3/8DR TRX BIT T30
11-882 SKT 3/8DR TRX BIT T40
11-918 HDL FLX 3/8DR 8-1/2
11-922 EXTEN 3/8DR 3
11-923 EXTEN 3/8DR 6
11-927 EXTEN 3/8DR 12
11-929 EXTEN FLX 3/8DR 7-1/4
11-935 HDL SPD 3/8DR 16-1/2
11-938 HDL T 3/8DR 8
11-947 UNV JNT 3/8DR
11-972 RAT 3/8DR 7-3/8 REPL 11-903
11-974 RAT 3/8DR FLX 9-1/2
12-112 SKT 1/2DR 12PT 3/8
12-114 SKT 1/2DR 12PT 7/16
12-116 SKT 1/2DR 12PT 1/2
12-118 SKT 1/2DR 12PT 9/16
12-120 SKT 1/2DR 12PT 5/8
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-125 SKT 1/2DR 12PT 25/32
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-134 SKT 1/2DR 12PT 1-1/16
12-136 SKT 1/2DR 12PT 1-1/8
12-138 SKT 1/2DR 12PT 1-3/16
12-140 SKT 1/2DR 12PT 1-1/4
12-142 SKT 1/2DR 12PT 1-5/16
12-144 SKT 1/2DR 12PT 1-3/8
12-146 SKT 1/2DR 12PT 1-7/16
12-148 SKT 1/2DR 12PT 1-1/2
12-316 SKT 1/2DR 12PT 1/2 DP
12-318 SKT 1/2DR 12PT 9/16 DP
12-320 SKT 1/2DR 12PT 5/8 DP
12-322 SKT 1/2DR 12PT 11/16 DP
12-324 SKT 1/2DR 12PT 3/4 DP
12-326 SKT 1/2DR 12PT 13/16 DP
12-328 SKT 1/2DR 12PT 7/8 DP
12-330 SKT 1/2DR 12PT 15/16 DP
12-332 SKT 1/2DR 12PT 1 DP
12-334 SKT 1/2DR 12PT 1-1/16 DP
12-336 SKT 1/2DR 12PT 1-1/8 DP
12-340 SKT 1/2DR 12PT 1-1/4 DP
12-412 SKT 1/2DR 8PT 3/8
12-414 SKT 1/2DR 8PT 7/16
12-416 SKT 1/2DR 8PT 1/2
12-418 SKT 1/2DR 8PT 9/16
12-420 SKT 1/2DR 8PT 5/8
12-422 SKT 1/2DR 8PT 11/16
12-424 SKT 1/2DR 8PT 3/4
12-426 SKT 1/2DR 8PT 13/16
12-428 SKT 1/2DR 8PT 7/8
12-432 SKT 1/2DR 8PT 1
12-516 SKT 1/2DR UNV 12PT 1/2
12-518 SKT 1/2DR UNV 12PT 9/16
12-520 SKT 1/2DR UNV 12PT 5/8
12-713 SKT 1/2DR HEX BIT 1/4
12-714 SKT 1/2DR HEX BIT 5/16
12-715 SKT 1/2DR HEX BIT 3/8
12-716 SKT 1/2DR HEX BIT 7/16
12-717 SKT 1/2DR HEX BIT 1/2
12-718 SKT 1/2DR HEX BIT 9/16
12-719 SKT 1/2DR HEX BIT 5/8
12-892 SKT 1/2DR DRAG LNK 7/64
12-893 SKT 1/2DR DRAG LNK 3/32
12-918 HDL FLX 1/2DR 17
12-921 EXTEN 1/2DR 2-1/2
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-935 HDL SPD 1/2DR 19
12-938 HDL T 1/2DR 11
12-944 ADP RAT 1/2DR
12-947 UNV JNT 1/2DR
12-951 ADP 1/2DR 1/2FX3/8M
12-972 RAT 1/2DR 10-1/2 REPL 12-903
12-973 RAT 1/2DR 15 REPL 12-904
12-974 RAT 1/2DR FLX 14-1/4
2425 SCRAPER
25-004 WR COMB 6PT SHT 1/8 FP
25-005 WR COMB 6PT SHT 5/32 FP
25-006 WR COMB 6PT SHT 3/16 FP
25-008 WR COMB 6PT SHT 1/4 FP
25-009 WR COMB 6PT SHT 9/32 FP
25-010 WR COMB 6PT SHT 5/16 FP
25-011 WR COMB 6PT SHT 11/32 FP
25-012 WR COMB 6PT SHT 3/8 FP
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP
25-512 WR COMB FLX HD 12PT 3/8 FP
25-514 WR COMB FLX HD 12PT 7/16 FP
25-516 WR COMB FLX HD 12PT 1/2 FP
25-518 WR COMB FLX HD 12PT 9/16 FP

Continued . . .

ARMSTRONG INDUSTRIAL HAND TOOLS

Master Set Contents

Set 15-047 417 Pc. Master Mechanics Set Cont.

25-520 WR COMB FLX HD 12PT 5/8 FP
25-522 WR COMB FLX HD 12PT 11/16 FP
25-524 WR COMB FLX HD 12PT 3/4 FP
26-022 WR OE 1/4X5/16 FP
26-043 WR OE 3/8X7/16 FP
26-067 WR OE 1/2X9/16 FP
26-094 WR OE 5/8X11/16 FP
26-121 WR OE 3/4X13/16 FP
26-139 WR OE 7/8X15/16 FP
26-163 WR OE 1X1-1/8 FP
26-169 WR OE 1-1/16X1-1/4 FP
26-187 WR OE 1-5/16X1-1/2 FP
26-190 WR OE 1-3/8X1-7/16 FP
27-143 WR BX 12PT SHT 3/8X7/16 FP
27-167 WR BX 12PT SHT 1/2X9/16 FP
27-194 WR BX 12PT SHT 5/8X11/16 FP
27-206 WR BX 12PT SHT 11/16X3/4 FP
27-343 WR BX 12PT LNG 3/8X7/16 FP
27-367 WR BX 12PT LNG 1/2X9/16 FP
27-394 WR BX 12PT LNG 5/8X11/16 FP
27-424 WR BX 12PT LNG 3/4X7/8 FP
27-451 WR BX 12PT LNG 15/16X1 FP
27-466 WR BX 12PT LNG 1-1/16X1-1/8 FP
27-510 WR GEARED BOX 12PT 3/8 FP
27-511 WR GEARED BOX 12PT 7/16 FP
27-512 WR GEARED BOX 12PT 1/2 FP
27-513 WR GEARED BOX 12PT 9/16 FP
27-514 WR GEARED BOX 12PT 5/8 FP
27-515 WR GEARED BOX 12PT 11/16 FP
27-516 WR GEARED BOX 12PT 3/4 FP
27-904 WR ANG OE 15/64 MDGT 15&75D FP
27-907 WR ANG OE 7/32 MDGT 15&75D FP
27-908 WR ANG OE 1/4 MDGT 15&75D FP
27-909 WR ANG OE 9/32 MDGT 15&75D FP
27-910 WR ANG OE 5/16 MDGT 15&75D FP
27-911 WR ANG OE 11/32 MDGT 15&75D FP
27-912 WR ANG OE 3/8 MDGT 15&75D FP
27-914 WR ANG OE 7/16 MDGT 15&75D FP
27-916 WR ANG OE 1/2 MDGT 15&75D FP
28-212 WR COMB FLR NUT 6PT 3/8 FP
28-214 WR COMB FLR NUT 6PT 7/16 FP
28-216 WR COMB FLR NUT 6PT 1/2 FP
28-218 WR COMB FLR NUT 6PT 9/16 FP
28-220 WR COMB FLR NUT 6PT 5/8 FP
28-222 WR COMB FLR NUT 6PT 11/16 FP
28-224 WR COMB FLR NUT 6PT 3/4 FP
28-312 WR RAT FLR NUT 12PT 3/8
28-314 WR RAT FLR NUT 12PT 7/16
28-316 WR RAT FLR NUT 12PT 1/2
28-318 WR RAT FLR NUT 12PT 9/16
28-320 WR RAT FLR NUT 12PT 5/8
28-322 WR RAT FLR NUT 12PT 11/16
28-324 WR RAT FLR NUT 12PT 3/4
28-406 WR ADJ 6
28-408 WR ADJ 8
28-410 WR ADJ 10
28-412 WR ADJ 12
3470 HOOK & PIN PULLER
485 GASKET SCRAPER
56131 6 PC T-HDLE BALL PLUS SET
56193 13 PC BALL PLUS SET
64-085 WR TRQ 1/2DR 10-150 FT/LB
66-150 SCRDR PHLP #2X1-1/2
66-152 SCRDR PHLP #0X2-1/2
66-153 SCRDR PHLP #1X3
66-155 SCRDR PHLP #1X6
66-156 SCRDR PHLP #2X4
66-158 SCRDR PHLP #2X8
66-161 SCRDR PHLP #3X6
66-164 SCRDR PHLP #4X8
66-203 SCRDR SLT 3/16X4 SQ
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
66-226 SCRDR SLT 7/16X12 SQ
66-232 SCRDR SLT 1/4X1-1/2 SQ
66-253 SCRDR CAB 1/8X3
66-255 SCRDR CAB 1/8X4
66-259 SCRDR CAB 1/8X8
66-262 SCRDR CAB 3/16X4
66-268 SCRDR CAB 3/16X8
66-806 NUT DR 3/16 HOLL SHFT
66-807 NUT DR 7/32 HOLL SHFT
66-808 NUT DR 1/4 HOLL SHFT
66-809 NUT DR 9/32 HOLL SHFT
66-810 NUT DR 5/16 HOLL SHFT
66-811 NUT DR 11/32 HOLL SHFT
66-812 NUT DR 3/8 HOLL SHFT
66-814 NUT DR 7/16 HOLL SHFT
66-816 NUT DR 1/2 HOLL SHFT
66-818 NUT DR 9/16 HOLL SHFT
66-820 NUT DR 5/8 HOLL SHFT
66-924 SCR START SLT 5
66-933 SCR START PHLP 5
67-067 PLR LNMN 8-1/2 W/GRP
67-109 PLR DIAG CUT 7 HD W/GRP
67-161 PLR DIAG CUT 6-3/8 W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-357 PLR NDL NSE 5-7/16 W/GRP
67-401 PLR NDL NSE 5-7/8 CURV W/GRP
67-503 PLR DKBL 8 W/GRP
67-535 PLR END CUT 7-3/8 W/GRP
67-667 PLR SLP JNT 6-1/2 W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-717 PLR TNG&GRV 5 W/GRP
67-777 PLR TNG&GRV 6 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
67-901 PLR WIRE STRPR CRMP CUT 8-1/4
68-025 PLR RET RNG CONV .038 0D
68-026 PLR RET RNG CONV .038 45D
68-027 PLR RET RNG CONV .038 90D
68-028 PLR RET RNG CONV .047 0D
68-029 PLR RET RNG CONV .047 45D
68-030 PLR RET RNG CONV .047 90D
68-031 PLR RET RNG CONV .070 0D
68-032 PLR RET RNG CONV .070 45D
68-033 PLR RET RNG CONV .070 90D
68-034 PLR RET RNG CONV .090 0D
68-035 PLR RET RNG CONV .090 45D
68-036 PLR RET RNG CONV .090 90D
68-241 SNIPS MINI 6-1/2
68-255 SNIPS AVN 10 STRT
68-275 SNIPS STRT 12-3/4
68-310 KNFE UTIL RETRACT
68-445 TP MEAS 1X25 LCK AUTO
69-444 HMR BLL PN 8OZ WD HDL
69-448 HMR BLL PN 1LB WD HDL
69-452 HMR BLL PN 2LB WD HDL
69-490 RBR MALL 32OZ 16-1/2
69-532 HMR DEAD BLOW STD 21OZ
67-436 6" LOCKING PLIERS
70-000 PUNCH & CHISEL HOLDER
70-103 PNCH PIN 3/32 TIP
70-105 PNCH PIN 1/8 TIP
70-107 PNCH PIN 5/32 TIP
70-109 PNCH PIN 3/16 TIP
70-129 PNCH PIN 7/32 TIP
70-131 PNCH PIN 1/4 TIP
70-155 PNCH START 3/32 TIP
70-157 PNCH START 1/8 TIP
70-161 PNCH START 3/16 TIP
70-163 PNCH START 7/32 TIP
70-165 PNCH START 1/4 TIP
70-189 PNCH DRFT 1/8 TIP
70-193 PNCH DRFT 3/16 TIP
70-197 PNCH DRFT 1/4 TIP
70-235 PNCH CNTR 3/8
70-239 PNCH CNTR 1/2
70-255 PNCH PRCK 3/8
70-301 CHSL CLD 1/4 TIP
70-303 CHSL CLD 5/16 TIP
70-305 CHSL CLD 3/8 TIP
70-309 CHSL CLD 1/2 TIP
70-311 CHSL CLD 5/8 TIP
70-313 CHSL CLD 3/4 TIP
70-315 CHSL CLD 7/8 TIP
70-317 CHSL CLD 1 TIP
70-319 CHSL CLD 1-1/8 TIP
70-503 ALIGNING BAR PINCH 5/8X16
70-505 ALIGNING BAR PINCH 3/4X24
70-519 CHSL BAR ROLL1/2X15
70-521 CHSL BAR ROLL 5/8X18
70-793 SET FEELER GAUGE 25 BLADE
70-865 HCKS FLT FRM
70-929 TELESCP MIRROR 2-1/8 DIA
70-933 RETR TL MAG TELESCP
70-950 SCR EXTR 1/8
70-952 SCR EXTR 3/16
70-954 SCR EXTR 15/64
70-956 SCR EXTR 5/16
70-958 SCR EXTR 3/8
70-960 SCR EXTR 15/32
70-962 SCR EXTR 9/16
70-964 SCR EXTR 21/32
70-966 SCR EXTR 13/16
71-614 PULLER REV CONE 3JAW
73-008 WR PIPE 8 HD
73-010 WR PIPE 10 HD
73-014 WR PIPE 14 HD
78-404 C-CL THRT DP 4 STD SCREW BLK (2)
67-407 7" LOCKING PLIERS

Set 15-052 227 Pc. Intermediate Set - Tools Only

10-006 SKT 1/4DR 6PT 3/16
10-007 SKT 1/4DR 6PT 7/32
10-008 SKT 1/4DR 6PT 1/4
10-009 SKT 1/4DR 6PT 9/32
10-010 SKT 1/4DR 6PT 5/16
10-011 SKT 1/4DR 6PT 11/32
10-012 SKT 1/4DR 6PT 3/8
10-014 SKT 1/4DR 6PT 7/16
10-016 SKT 1/4DR 6PT 1/2
10-018 SKT 1/4DR 6PT 9/16
10-206 SKT 1/4DR 6PT 3/16 DP
10-207 SKT 1/4DR 6PT 7/32 DP
10-208 SKT 1/4DR 6PT 1/4 DP
10-209 SKT 1/4DR 6PT 9/32 DP
10-210 SKT 1/4DR 6PT 5/16 DP
10-211 SKT 1/4DR 6PT 11/32 DP
10-212 SKT 1/4DR 6PT 3/8 DP
10-214 SKT 1/4DR 6PT 7/16 DP
10-216 SKT 1/4DR 6PT 1/2 DP
10-218 SKT 1/4DR 6PT 9/16 DP
10-918 HDL FLX 1/4DR 5-3/4
10-921 EXTEN 1/4DR 2
10-923 EXTEN 1/4DR 6
10-943 HDL SPIN 1/4DR 6
10-947 UNV JNT 1/4DR
10-972 RAT 1/4DR 5-9/32 REPL 10-903
67-410 10" LOCKING PLIERS
11-112 SKT 3/8DR 12PT 3/8
11-114 SKT 3/8DR 12PT 7/16
11-116 SKT 3/8DR 12PT 1/2
11-118 SKT 3/8DR 12PT 9/16
11-120 SKT 3/8DR 12PT 5/8
11-122 SKT 3/8DR 12PT 11/16
11-124 SKT 3/8DR 12PT 3/4
11-126 SKT 3/8DR 12PT 13/16
11-128 SKT 3/8DR 12PT 7/8
11-312 SKT 3/8DR 12PT 3/8 DP
11-314 SKT 3/8DR 12PT 7/16 DP
11-316 SKT 3/8DR 12PT 1/2 DP
11-318 SKT 3/8DR 12PT 9/16 DP
11-320 SKT 3/8DR 12PT 5/8 DP
11-322 SKT 3/8DR 12PT 11/16 DP
11-324 SKT 3/8DR 12PT 3/4 DP
11-326 SKT 3/8DR 12PT 13/16 DP
11-328 SKT 3/8DR 12PT 7/8 DP
11-408 SKT 3/8DR 8PT 1/4
11-410 SKT 3/8DR 8PT 5/16
11-412 SKT 3/8DR 8PT 3/8
11-514 SKT 3/8DR UNV 12PT 7/16
11-516 SKT 3/8DR UNV 12PT 1/2
11-518 SKT 3/8DR UNV 12PT 9/16
11-520 SKT 3/8DR UNV 12PT 5/8
11-524 SKT 3/8DR UNV 12PT 3/4
11-708 SKT 3/8DR HEX BIT 1/8
11-710 SKT 3/8DR HEX BIT 5/32
11-711 SKT 3/8DR HEX BIT 3/16
11-712 SKT 3/8DR HEX BIT 7/32
11-713 SKT 3/8DR HEX BIT 1/4
11-714 SKT 3/8DR HEX BIT 5/16
11-715 SKT 3/8DR HEX BIT 3/8
11-918 HDL FLX 3/8DR 8-1/2
11-922 EXTEN 3/8DR 3
11-923 EXTEN 3/8DR 6
11-927 EXTEN 3/8DR 12
11-935 HDL SPD 3/8DR 16-1/2
11-947 UNV JNT 3/8DR
11-972 RAT 3/8DR 7-3/8 REPL 11-903
12-112 SKT 1/2DR 12PT 3/8
12-114 SKT 1/2DR 12PT 7/16
12-116 SKT 1/2DR 12PT 1/2
12-118 SKT 1/2DR 12PT 9/16
12-120 SKT 1/2DR 12PT 5/8
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-134 SKT 1/2DR 12PT 1-1/16
12-136 SKT 1/2DR 12PT 1-1/8
12-140 SKT 1/2DR 12PT 1-1/4
12-316 SKT 1/2DR 12PT 1/2 DP
12-318 SKT 1/2DR 12PT 9/16 DP
12-320 SKT 1/2DR 12PT 5/8 DP
12-322 SKT 1/2DR 12PT 11/16 DP
12-324 SKT 1/2DR 12PT 3/4 DP
12-326 SKT 1/2DR 12PT 13/16 DP
12-328 SKT 1/2DR 12PT 7/8 DP
12-330 SKT 1/2DR 12PT 15/16 DP
12-332 SKT 1/2DR 12PT 1 DP
12-334 SKT 1/2DR 12PT 1-1/16 DP
12-336 SKT 1/2DR 12PT 1-1/8 DP
12-340 SKT 1/2DR 12PT 1-1/4 DP
12-717 SKT 1/2DR HEX BIT 1/2
12-718 SKT 1/2DR HEX BIT 9/16
12-719 SKT 1/2DR HEX BIT 5/8
12-918 HDL FLX 1/2DR 17
12-921 EXTEN 1/2DR 2-1/2
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-935 HDL SPD 1/2DR 19
12-947 UNV JNT 1/2DR
12-972 RAT 1/2DR 10-1/2 REPL 12-903
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP
26-022 WR OE 1/4X5/16 FP
26-034 WR OE 5/16X3/8 FP
26-058 WR OE 7/16X1/2 FP
26-067 WR OE 1/2X9/16 FP
26-079 WR OE 9/16X5/8 FP
26-097 WR OE 5/8X3/4 FP
26-106 WR OE 11/16X3/4 FP
26-133 WR OE 13/16X7/8 FP
26-151 WR OE 15/16X1 FP
26-166 WR OE 1-1/16X1-1/8 FP
27-143 WR BX 12PT SHT 3/8X7/16 FP
27-167 WR BX 12PT SHT 1/2X9/16 FP
27-194 WR BX 12PT SHT 5/8X11/16 FP
27-206 WR BX 12PT SHT 11/16X3/4 FP
27-510 WR GEARED BOX 12PT 3/8 FP
27-511 WR GEARED BOX 12PT 7/16 FP
27-512 WR GEARED BOX 12PT 1/2 FP
27-513 WR GEARED BOX 12PT 9/16 FP
27-514 WR GEARED BOX 12PT 5/8 FP
27-515 WR GEARED BOX 12PT 11/16 FP
27-516 WR GEARED BOX 12PT 3/4 FP
28-212 WR COMB FLR NUT 6PT 3/8 FP
28-214 WR COMB FLR NUT 6PT 7/16 FP
28-216 WR COMB FLR NUT 6PT 1/2 FP
28-218 WR COMB FLR NUT 6PT 9/16 FP
28-220 WR COMB FLR NUT 6PT 5/8 FP
28-222 WR COMB FLR NUT 6PT 11/16 FP
28-224 WR COMB FLR NUT 6PT 3/4 FP
28-406 WR ADJ 6
28-408 WR ADJ 8
28-410 WR ADJ 10
3470 HOOK & PIN PULLER
485 GASKET SCRAPER
56193 13 PC BALL PLUS SET
66-150 SCRDR PHLP #2X1-1/2
66-152 SCRDR PHLP #0X2-1/2
66-153 SCRDR PHLP #1X3
66-156 SCRDR PHLP #2X4
66-161 SCRDR PHLP #3X6
66-164 SCRDR PHLP #4X8
66-203 SCRDR SLT 3/16X4 SQ
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
66-226 SCRDR SLT 7/16X12 SQ
66-232 SCRDR SLT 1/4X1-1/2 SQ
66-808 NUT DR 1/4 HOLL SHFT
66-809 NUT DR 9/32 HOLL SHFT
66-810 NUT DR 5/16 HOLL SHFT
66-811 NUT DR 11/32 HOLL SHFT
66-812 NUT DR 3/8 HOLL SHFT
66-814 NUT DR 7/16 HOLL SHFT
66-816 NUT DR 1/2 HOLL SHFT
67-067 PLR LNMN 8-1/2 W/GRP
67-109 PLR DIAG CUT 7 HD W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-357 PLR NDL NSE 5-7/16 W/GRP
67-401 PLR NDL NSE 5-7/8 CURV W/GRP
67-503 PLR DKBL 8 W/GRP
67-535 PLR END CUT 7-3/8 W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
67-901 PLR WIRE STRPR CRMP CUT 8-1/4
68-065 SET RET RNG PLR LIGHT DUTY
68-241 SNIPS MINI 6-1/2
68-255 SNIPS AVN 10 STRT
68-310 KNFE UTIL RETRACT
68-445 TP MEAS 1X25 LCK AUTO
69-448 HMR BLL PN 1LB WD HDL
69-452 HMR BLL PN 2LB WD HDL
69-532 HMR DEAD BLOW STD 21OZ
70-000 PUNCH & CHISEL HOLDER
70-103 PNCH PIN 3/32 TIP
70-105 PNCH PIN 1/8 TIP
70-109 PNCH PIN 3/16 TIP
70-153 PNCH START 1/16 TIP
70-157 PNCH START 1/8 TIP
70-161 PNCH START 3/16 TIP
70-235 PNCH CNTR 3/8
70-303 CHSL CLD 5/16 TIP
70-307 CHSL CLD 7/16 TIP
70-309 CHSL CLD 1/2 TIP
70-393 CHSL CAPE 7/32 TIP
70-421 CHSL DIA PT 3/16 TIP
70-503 ALIGNING BAR PINCH 5/8X16
70-519 CHSL BAR ROLL1/2X15
70-793 SET FEELER GAUGE 25 BLADE
70-865 HCKS FLT FRM
70-950 SCR EXTR 1/8
70-952 SCR EXTR 3/16
70-954 SCR EXTR 15/64
70-956 SCR EXTR 5/16
70-958 SCR EXTR 3/8
73-010 WR PIPE 10 HD
78-404 C-CL THRT DP 4 STD BLK (2)
67-407 7" LOCKING PLIERS

Set 15-057 131 Pc. Basic Set - Tools Only

10-006	SKT 1/4DR 6PT 3/16	11-312	SKT 3/8DR 12PT 3/8 DP	12-126	SKT 1/2DR 12PT 13/16	25-230	WR COMB 12PT LNG 15/16 FP	68-255	SNIPS AVN 10 STRT
10-007	SKT 1/4DR 6PT 7/32	11-314	SKT 3/8DR 12PT 7/16 DP	12-128	SKT 1/2DR 12PT 7/8	25-232	WR COMB 12PT LNG 1 FP	68-310	KNFE UTIL RETRACT
10-008	SKT 1/4DR 6PT 1/4	11-316	SKT 3/8DR 12PT 1/2 DP	12-130	SKT 1/2DR 12PT 15/16	25-234	WR COMB 12PT LNG 1-1/16 FP	69-448	HMR BLL PN 1LB WD HDL
10-009	SKT 1/4DR 6PT 9/32	11-318	SKT 3/8DR 12PT 9/16 DP	12-132	SKT 1/2DR 12PT 1	25-236	WR COMB 12PT LNG 1-1/8 FP	69-532	HMR DEAD BLOW STD 21OZ
10-010	SKT 1/4DR 6PT 5/16	11-320	SKT 3/8DR 12PT 5/8 DP	12-134	SKT 1/2DR 12PT 1-1/16	25-240	WR COMB 12PT LNG 1-1/4 FP	70-000	PUNCH & CHISEL HOLDER
10-011	SKT 1/4DR 6PT 11/32	11-322	SKT 3/8DR 12PT 11/16 DP	12-136	SKT 1/2DR 12PT 1-1/8	28-406	WR ADJ 6	70-103	PNCH PIN 3/32 TIP
10-012	SKT 1/4DR 6PT 3/8	11-324	SKT 3/8DR 12PT 3/4 DP	12-138	SKT 1/2DR 12PT 1-3/16	28-410	WR ADJ 10	70-105	PNCH PIN 1/8 TIP
10-014	SKT 1/4DR 6PT 7/16	11-326	SKT 3/8DR 12PT 13/16 DP	12-140	SKT 1/2DR 12PT 1-1/4	3470	HOOK & PIN PULLER	70-109	PNCH PIN 3/16 TIP
10-016	SKT 1/4DR 6PT 1/2	11-328	SKT 3/8DR 12PT 7/8 DP	12-918	HDL FLX 1/2DR 17	485	GASKET SCRAPER	70-153	PNCH START 1/16 TIP
10-018	SKT 1/4DR 6PT 9/16	11-918	HDL FLX 3/8DR 8-1/2	12-921	EXTEN 1/2DR 2-1/2	56198	7PC BALL PLUS SET	70-157	PNCH START 1/8 TIP
10-921	EXTEN 1/4DR 2	11-922	EXTEN 3/8DR 3	12-923	EXTEN 1/2DR 5	66-102	SCRDR SLT 1/4X4	70-161	PNCH START 3/16 TIP
10-923	EXTEN 1/4DR 6	11-927	EXTEN 3/8DR 12	12-924	EXTEN 1/2DR 10	66-103	SCRDR SLT 5/16X6	70-235	PNCH CNTR 3/8
10-943	HDL SPIN 1/4DR 6	11-935	HDL SPD 3/8DR 16-1/2	12-935	HDL SPD 1/2DR 19	66-153	SCRDR PHLP #1X3	70-303	CHSL CLD 5/16 TIP
10-947	UNV JNT 1/4DR	11-947	UNV JNT 3/8DR	12-947	UNV JNT 1/2DR	66-156	SCRDR PHLP #2X4	70-307	CHSL CLD 7/16 TIP
10-972	RAT 1/4DR 5-9/32 REPL 10-903	11-972	RAT 3/8DR 7-3/8 REPL 11-903	12-972	RAT 1/2DR 10-1/2 REPL 12-903	66-161	SCRDR PHLP #3X6	70-309	CHSL CLD 1/2 TIP
11-112	SKT 3/8DR 12PT 3/8	12-112	SKT 1/2DR 12PT 3/8	25-210	WR COMB 12PT LNG 5/16 FP	66-261	SCRDR CAB 3/16X3	70-393	CHSL CAPE 7/32 TIP
11-114	SKT 3/8DR 12PT 7/16	12-114	SKT 1/2DR 12PT 7/16	25-212	WR COMB 12PT LNG 3/8 FP	66-262	SCRDR CAB 3/16X4	70-421	CHSL DIA PT 3/16 TIP
11-116	SKT 3/8DR 12PT 1/2	12-116	SKT 1/2DR 12PT 1/2	25-214	WR COMB 12PT LNG 7/16 FP	66-265	SCRDR CAB 3/16X5	70-793	SET FEELER GAUGE 25 BLADE
11-118	SKT 3/8DR 12PT 9/16	12-118	SKT 1/2DR 12PT 9/16	25-216	WR COMB 12PT LNG 1/2 FP	67-067	PLR LNMN 8-1/2 W/GRP	70-865	HCKS FLT FRM
11-120	SKT 3/8DR 12PT 5/8	12-119	SKT 1/2DR 12PT 19/32	25-218	WR COMB 12PT LNG 9/16 FP	67-109	PLR DIAG CUT 7 HD W/GRP	70-950	SCR EXTR 1/8
11-122	SKT 3/8DR 12PT 11/16	12-120	SKT 1/2DR 12PT 5/8	25-220	WR COMB 12PT LNG 5/8 FP	67-305	PLR CHN NSE 6-1/3 SD CUT W/GRP	70-952	SCR EXTR 3/16
11-124	SKT 3/8DR 12PT 3/4	12-121	SKT 1/2DR 12PT 21/32	25-222	WR COMB 12PT LNG 11/16 FP	67-669	PLR SLP JNT 8 W/GRP	70-954	SCR EXTR 15/64
11-126	SKT 3/8DR 12PT 13/16	12-122	SKT 1/2DR 12PT 11/16	25-224	WR COMB 12PT LNG 3/4 FP	67-779	PLR TNG&GRV 10 W/GRP	70-956	SCR EXTR 5/16
11-128	SKT 3/8DR 12PT 7/8	12-124	SKT 1/2DR 12PT 3/4	25-226	WR COMB 12PT LNG 13/16 FP	67-901	PLR WIRE STRPR CRMP CUT 8-1/4	70-958	SCR EXTR 3/8
11-310	SKT 3/8DR 12PT 5/16 DP	12-125	SKT 1/2DR 12PT 25/32	25-228	WR COMB 12PT LNG 7/8 FP	68-065	SET RET RNG PLR LIGHT DUTY	67-407	7" LOCKING PLIERS

Set 15-062 163 Pc. Intermediate Set - Tools Only

67-410	10" LOCKING PLIERS	11-713	SKT 3/8DR HEX BIT 1/4	12-330	SKT 1/2DR 12PT 15/16 DP	26-067	WR OE 1/2X9/16 FP	67-779	PLR TNG&GRV 10 W/GRP
11-112	SKT 3/8DR 12PT 3/8	11-714	SKT 3/8DR HEX BIT 5/16	12-332	SKT 1/2DR 12PT 1 DP	26-079	WR OE 9/16X5/8 FP	67-901	PLR WIRE STRPR CRMP CUT 8-1/4
11-114	SKT 3/8DR 12PT 7/16	11-715	SKT 3/8DR HEX BIT 3/8	12-334	SKT 1/2DR 12PT 1-1/16 DP	26-106	WR OE 11/16X3/4 FP	68-065	SET RET RNG PLR LIGHT DUTY
11-116	SKT 3/8DR 12PT 1/2	11-918	HDL FLX 3/8DR 8-1/2	12-336	SKT 1/2DR 12PT 1-1/8 DP	26-133	WR OE 13/16X7/8 FP	68-255	SNIPS AVN 10 STRT
11-118	SKT 3/8DR 12PT 9/16	11-922	EXTEN 3/8DR 3	12-340	SKT 1/2DR 12PT 1-1/4 DP	27-143	WR BX 12PT SHT 3/8X7/16 FP	69-448	HMR BLL PN 1LB WD HDL
11-120	SKT 3/8DR 12PT 5/8	11-923	EXTEN 3/8DR 6	12-717	SKT 1/2DR HEX BIT 1/2	27-167	WR BX 12PT SHT 1/2X9/16 FP	69-532	HMR DEAD BLOW STD 21OZ
11-122	SKT 3/8DR 12PT 11/16	11-927	EXTEN 3/8DR 12	12-718	SKT 1/2DR HEX BIT 9/16	27-194	WR BX 12PT SHT 5/8X11/16 FP	70-000	PUNCH & CHISEL HOLDER
11-124	SKT 3/8DR 12PT 3/4	11-935	HDL SPD 3/8DR 16-1/2	12-719	SKT 1/2DR HEX BIT 5/8	27-206	WR BX 12PT SHT 11/16X3/4 FP	70-103	PNCH PIN 3/32 TIP
11-126	SKT 3/8DR 12PT 13/16	11-947	UNV JNT 3/8DR	12-918	HDL FLX 1/2DR 17	28-406	WR ADJ 6	70-105	PNCH PIN 1/8 TIP
11-128	SKT 3/8DR 12PT 7/8	11-972	RAT 3/8DR 7-3/8 REPL 11-903	12-921	EXTEN 1/2DR 2-1/2	28-410	WR ADJ 10	70-109	PNCH PIN 3/16 TIP
11-312	SKT 3/8DR 12PT 3/8 DP	12-112	SKT 1/2DR 12PT 3/8	12-923	EXTEN 1/2DR 5	28-412	WR ADJ 12	70-153	PNCH START 1/16 TIP
11-314	SKT 3/8DR 12PT 7/16 DP	12-114	SKT 1/2DR 12PT 7/16	12-924	EXTEN 1/2DR 10	485	GASKET SCRAPER	70-157	PNCH START 1/8 TIP
11-316	SKT 3/8DR 12PT 1/2 DP	12-116	SKT 1/2DR 12PT 1/2	12-935	HDL SPD 1/2DR 19	56196	12 PC BALL PLUS SET	70-161	PNCH START 3/16 TIP
11-318	SKT 3/8DR 12PT 9/16 DP	12-118	SKT 1/2DR 12PT 9/16	12-947	UNV JNT 1/2DR	66-150	SCRDR PHLP #2X1-1/2	70-235	PNCH CNTR 3/8
11-320	SKT 3/8DR 12PT 5/8 DP	12-120	SKT 1/2DR 12PT 5/8	12-972	RAT 1/2DR 10-1/2 REPL 12-903	66-152	SCRDR PHLP #0X2-1/2	70-303	CHSL CLD 5/16 TIP
11-322	SKT 3/8DR 12PT 11/16 DP	12-122	SKT 1/2DR 12PT 11/16	25-210	WR COMB 12PT LNG 5/16 FP	66-153	SCRDR PHLP #1X3	70-307	CHSL CLD 7/16 TIP
11-324	SKT 3/8DR 12PT 3/4 DP	12-124	SKT 1/2DR 12PT 3/4	25-212	WR COMB 12PT LNG 3/8 FP	66-156	SCRDR PHLP #2X4	70-309	CHSL CLD 1/2 TIP
11-326	SKT 3/8DR 12PT 13/16 DP	12-126	SKT 1/2DR 12PT 13/16	25-214	WR COMB 12PT LNG 7/16 FP	66-161	SCRDR PHLP #3X6	70-393	CHSL CAPE 7/32 TIP
11-328	SKT 3/8DR 12PT 7/8 DP	12-128	SKT 1/2DR 12PT 7/8	25-216	WR COMB 12PT LNG 1/2 FP	66-164	SCRDR PHLP #4X8	70-421	CHSL DIA PT 3/16 TIP
11-408	SKT 3/8DR 8PT 1/4	12-130	SKT 1/2DR 12PT 15/16	25-218	WR COMB 12PT LNG 9/16 FP	66-203	SCRDR SLT 3/16X4 SQ	70-503	ALIGNING BAR PINCH 5/8X16
11-410	SKT 3/8DR 8PT 5/16	12-132	SKT 1/2DR 12PT 1	25-220	WR COMB 12PT LNG 5/8 FP	66-208	SCRDR SLT 1/4X4 SQ	70-519	CHSL BAR ROLL1/2X15
11-412	SKT 3/8DR 8PT 3/8	12-134	SKT 1/2DR 12PT 1-1/16	25-222	WR COMB 12PT LNG 11/16 FP	66-217	SCRDR SLT 5/16X6 SQ	70-865	HCKS FLT FRM
11-514	SKT 3/8DR UNV 12PT 7/16	12-136	SKT 1/2DR 12PT 1-1/8	25-224	WR COMB 12PT LNG 3/4 FP	66-220	SCRDR SLT 3/8X8 SQ	70-950	SCR EXTR 1/8
11-516	SKT 3/8DR UNV 12PT 1/2	12-140	SKT 1/2DR 12PT 1-1/4	25-226	WR COMB 12PT LNG 13/16 FP	66-226	SCRDR SLT 7/16X12 SQ	70-952	SCR EXTR 3/16
11-518	SKT 3/8DR UNV 12PT 9/16	12-316	SKT 1/2DR 12PT 1/2 DP	25-228	WR COMB 12PT LNG 7/8 FP	66-232	SCRDR SLT 1/4X1-1/2 SQ	70-954	SCR EXTR 15/64
11-520	SKT 3/8DR UNV 12PT 5/8	12-318	SKT 1/2DR 12PT 9/16 DP	25-230	WR COMB 12PT LNG 15/16 FP	67-067	PLR LNMN 8-1/2 W/GRP	70-956	SCR EXTR 5/16
11-524	SKT 3/8DR UNV 12PT 3/4	12-320	SKT 1/2DR 12PT 5/8 DP	25-232	WR COMB 12PT LNG 1 FP	67-109	PLR DIAG CUT 7 HD W/GRP	70-958	SCR EXTR 3/8
11-708	SKT 3/8DR HEX BIT 1/8	12-322	SKT 1/2DR 12PT 11/16 DP	25-234	WR COMB 12PT LNG 1-1/16 FP	67-161	PLR DIAG CUT 6-3/8 W/GRP	67-407	7" LOCKING PLIERS
11-710	SKT 3/8DR HEX BIT 5/32	12-324	SKT 1/2DR 12PT 3/4 DP	25-236	WR COMB 12PT LNG 1-1/8 FP	67-305	PLR CHN NSE 6-1/3 SD CUT W/GRP		
11-711	SKT 3/8DR HEX BIT 3/16	12-326	SKT 1/2DR 12PT 13/16 DP	25-240	WR COMB 12PT LNG 1-1/4 FP	67-535	PLR END CUT 7-3/8 W/GRP		
11-712	SKT 3/8DR HEX BIT 7/32	12-328	SKT 1/2DR 12PT 7/8 DP	26-043	WR OE 3/8X7/16 FP	67-669	PLR SLP JNT 8 W/GRP		

Set 15-066 96 Pc. Basic Set - Tools Only

11-112	SKT 3/8DR 12PT 3/8	12-118	SKT 1/2DR 12PT 9/16	12-924	EXTEN 1/2DR 10	25-236	WR COMB 12PT LNG 1-1/8 FP	68-255	SNIPS AVN 10 STRT
11-114	SKT 3/8DR 12PT 7/16	12-119	SKT 1/2DR 12PT 19/32	12-935	HDL SPD 1/2DR 19	25-240	WR COMB 12PT LNG 1-1/4 FP	69-448	HMR BLL PN 1LB WD HDL
11-116	SKT 3/8DR 12PT 1/2	12-120	SKT 1/2DR 12PT 5/8	12-945	RAT SPIN 1/2DR	28-406	WR ADJ 6	69-532	HMR DEAD BLOW STD 21OZ
11-118	SKT 3/8DR 12PT 9/16	12-121	SKT 1/2DR 12PT 21/32	12-947	UNV JNT 1/2DR	28-410	WR ADJ 10	70-000	PUNCH & CHISEL HOLDER
11-120	SKT 3/8DR 12PT 5/8	12-122	SKT 1/2DR 12PT 11/16	12-972	RAT 1/2DR 10-1/2 REPL 12-903	485	GASKET SCRAPER	70-103	PNCH PIN 3/32 TIP
11-122	SKT 3/8DR 12PT 11/16	12-124	SKT 1/2DR 12PT 3/4	25-210	WR COMB 12PT LNG 5/16 FP	56198	7PC BALL PLUS SET	70-105	PNCH PIN 1/8 TIP
11-124	SKT 3/8DR 12PT 3/4	12-125	SKT 1/2DR 12PT 25/32	25-212	WR COMB 12PT LNG 3/8 FP	66-102	SCRDR SLT 1/4X4	70-109	PNCH PIN 3/16 TIP
11-126	SKT 3/8DR 12PT 13/16	12-126	SKT 1/2DR 12PT 13/16	25-214	WR COMB 12PT LNG 7/16 FP	66-103	SCRDR SLT 5/16X6	70-153	PNCH START 1/16 TIP
11-128	SKT 3/8DR 12PT 7/8	12-128	SKT 1/2DR 12PT 7/8	25-216	WR COMB 12PT LNG 1/2 FP	66-153	SCRDR PHLP #1X3	70-157	PNCH START 1/8 TIP
11-918	HDL FLX 3/8DR 8-1/2	12-130	SKT 1/2DR 12PT 15/16	25-218	WR COMB 12PT LNG 9/16 FP	66-156	SCRDR PHLP #2X4	70-161	PNCH START 3/16 TIP
11-922	EXTEN 3/8DR 3	12-132	SKT 1/2DR 12PT 1	25-220	WR COMB 12PT LNG 5/8 FP	66-161	SCRDR PHLP #3X6	70-235	PNCH CNTR 3/8
11-927	EXTEN 3/8DR 12	12-134	SKT 1/2DR 12PT 1-1/16	25-222	WR COMB 12PT LNG 11/16 FP	66-261	SCRDR CAB 3/16X3	70-303	CHSL CLD 5/16 TIP
11-935	HDL SPD 3/8DR 16-1/2	12-136	SKT 1/2DR 12PT 1-1/8	25-224	WR COMB 12PT LNG 3/4 FP	66-262	SCRDR CAB 3/16X4	70-307	CHSL CLD 7/16 TIP
11-947	UNV JNT 3/8DR	12-138	SKT 1/2DR 12PT 1-3/16	25-226	WR COMB 12PT LNG 13/16 FP	66-265	SCRDR CAB 3/16X5	70-309	CHSL CLD 1/2 TIP
11-972	RAT 3/8DR 7-3/8 REPL 11-903	12-140	SKT 1/2DR 12PT 1-1/4	25-228	WR COMB 12PT LNG 7/8 FP	67-109	PLR DIAG CUT 7 HD W/GRP	70-393	CHSL CAPE 7/32 TIP
12-112	SKT 1/2DR 12PT 3/8	12-918	HDL FLX 1/2DR 17	25-230	WR COMB 12PT LNG 15/16 FP	67-305	PLR CHN NSE 6-1/3 SD CUT W/GRP	70-421	CHSL DIA PT 3/16 TIP
12-114	SKT 1/2DR 12PT 7/16	12-921	EXTEN 1/2DR 2-1/2	25-232	WR COMB 12PT LNG 1 FP	67-669	PLR SLP JNT 8 W/GRP	70-865	HCKS FLT FRM
12-116	SKT 1/2DR 12PT 1/2	12-923	EXTEN 1/2DR 5	25-234	WR COMB 12PT LNG 1-1/16 FP	67-779	PLR TNG&GRV 10 W/GRP	67-407	7" LOCKING PLIERS

ARMSTRONG INDUSTRIAL HAND TOOLS

Master Set Contents

Set 15-071 78 Pc. Basic Set - Tools Only

12-112 SKT 1/2DR 12PT 3/8
12-114 SKT 1/2DR 12PT 7/16
12-116 SKT 1/2DR 12PT 1/2
12-118 SKT 1/2DR 12PT 9/16
12-120 SKT 1/2DR 12PT 5/8
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-134 SKT 1/2DR 12PT 1-1/16
12-136 SKT 1/2DR 12PT 1-1/8
12-140 SKT 1/2DR 12PT 1-1/4
12-316 SKT 1/2DR 12PT 1/2 DP
12-318 SKT 1/2DR 12PT 9/16 DP
12-320 SKT 1/2DR 12PT 5/8 DP
12-322 SKT 1/2DR 12PT 11/16 DP
12-324 SKT 1/2DR 12PT 3/4 DP
12-326 SKT 1/2DR 12PT 13/16 DP
12-328 SKT 1/2DR 12PT 7/8 DP
12-330 SKT 1/2DR 12PT 15/16 DP
12-332 SKT 1/2DR 12PT 1 DP
12-334 SKT 1/2DR 12PT 1-1/16 DP
12-336 SKT 1/2DR 12PT 1-1/8 DP
12-340 SKT 1/2DR 12PT 1-1/4 DP
12-918 HDL FLX 1/2DR 17
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-972 RAT 1/2DR 10-1/2 REPL 12-903
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP
28-408 WR ADJ 8
28-412 WR ADJ 12
56066 9 PC FOLD-UP
66-102 SCRDR SLT 1/4X4
66-103 SCRDR SLT 5/16X6
66-153 SCRDR PHLP #1X3
66-156 SCRDR PHLP #2X4
66-161 SCRDR PHLP #3X6
66-261 SCRDR CAB 3/16X3
66-262 SCRDR CAB 3/16X4
66-265 SCRDR CAB 3/16X5
67-109 PLR DIAG CUT 7 HD W/GRP
67-323 PLR CHN NSE 8 W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
69-448 HMR BLL PN 1LB WD HDL
69-532 HMR DEAD BLOW STD 21OZ
70-109 PNCH PIN 3/16 TIP
70-197 PNCH DRFT 1/4 TIP
70-235 PNCH CNTR 3/8
70-239 PNCH CNTR 1/2
70-305 CHSL CLD 3/8 TIP
70-309 CHSL CLD 1/2 TIP
70-313 CHSL CLD 3/4 TIP
67-407 7" LOCKING PLIERS

Set 15-076 62 Pc. Basic Set - Tools Only

11-012 SKT 3/8DR 6PT 3/8
11-014 SKT 3/8DR 6PT 7/16
11-016 SKT 3/8DR 6PT 1/2
11-018 SKT 3/8DR 6PT 9/16
11-020 SKT 3/8DR 6PT 5/8
11-022 SKT 3/8DR 6PT 11/16
11-024 SKT 3/8DR 6PT 3/4
11-026 SKT 3/8DR 6PT 13/16
11-028 SKT 3/8DR 6PT 7/8
11-212 SKT 3/8DR 6PT 3/8 DP
11-214 SKT 3/8DR 6PT 7/16 DP
11-216 SKT 3/8DR 6PT 1/2 DP
11-218 SKT 3/8DR 6PT 9/16 DP
11-220 SKT 3/8DR 6PT 5/8 DP
11-222 SKT 3/8DR 6PT 11/16 DP
11-224 SKT 3/8DR 6PT 3/4 DP
11-226 SKT 3/8DR 6PT 13/16 DP
11-228 SKT 3/8DR 6PT 7/8 DP
11-922 EXTEN 3/8DR 3
11-923 EXTEN 3/8DR 6
11-947 UNV JNT 3/8DR
11-972 RAT 3/8DR 7-3/8 REPL 11-903
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
28-406 WR ADJ 6
28-410 WR ADJ 10
56066 9 PC FOLD-UP
66-153 SCRDR PHLP #1X3
66-156 SCRDR PHLP #2X4
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
67-109 PLR DIAG CUT 7 HD W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
69-448 HMR BLL PN 1LB WD HDL
69-530 HMR DEAD BLOW STD 10OZ
70-105 PNCH PIN 1/8 TIP
70-109 PNCH PIN 3/16 TIP
70-193 PNCH DRFT 3/16 TIP
70-235 PNCH CNTR 3/8
70-239 PNCH CNTR 1/2
70-305 CHSL CLD 3/8 TIP
70-309 CHSL CLD 1/2 TIP
70-313 CHSL CLD 3/4 TIP
67-407 7" LOCKING PLIERS

Set 15-081 131 Pc. Small Tool Set - Tools Only

10-006 SKT 1/4DR 6PT 3/16
10-007 SKT 1/4DR 6PT 7/32
10-008 SKT 1/4DR 6PT 1/4
10-009 SKT 1/4DR 6PT 9/32
10-010 SKT 1/4DR 6PT 5/16
10-011 SKT 1/4DR 6PT 11/32
10-012 SKT 1/4DR 6PT 3/8
10-014 SKT 1/4DR 6PT 7/16
10-016 SKT 1/4DR 6PT 1/2
10-018 SKT 1/4DR 6PT 9/16
10-206 SKT 1/4DR 6PT 3/16 DP
10-207 SKT 1/4DR 6PT 7/32 DP
10-208 SKT 1/4DR 6PT 1/4 DP
10-209 SKT 1/4DR 6PT 9/32 DP
10-210 SKT 1/4DR 6PT 5/16 DP
10-211 SKT 1/4DR 6PT 11/32 DP
10-212 SKT 1/4DR 6PT 3/8 DP
10-214 SKT 1/4DR 6PT 7/16 DP
10-216 SKT 1/4DR 6PT 1/2 DP
10-218 SKT 1/4DR 6PT 9/16 DP
10-408 SKT 1/4DR 4PT 1/4
10-410 SKT 1/4DR 8PT 5/16
10-412 SKT 1/4DR 8PT 3/8
10-801 SKT 1/4DR SLT BIT 3/16
10-802 SKT 1/4DR SLT BIT 1/4
10-821 SKT 1/4DR PHLP BIT #1
10-822 SKT 1/4DR PHLP BIT #2
10-823 SKT 1/4DR PHLP BIT #3
10-918 HDL FLX 1/4DR 5-3/4
10-921 EXTEN 1/4DR 2
10-922 EXTEN 1/4DR 4
10-923 EXTEN 1/4DR 6
10-925 EXTEN 1/4DR 14
10-929 EXTEN 1/4DR FLX 6
10-935 HDL SPD 1/4DR 15-3/4
10-938 HDL T 1/4DR 4-1/2
10-943 HDL SPIN 1/4DR 6
10-947 UNV JNT 1/4DR
10-972 RAT 1/4DR 5-9/32 REPL 10-903
25-004 WR COMB 6PT SHT 1/8 FP
25-005 WR COMB 6PT SHT 5/32 FP
25-006 WR COMB 6PT SHT 3/16 FP
25-008 WR COMB 6PT SHT 1/4 FP
25-009 WR COMB 6PT SHT 9/32 FP
25-010 WR COMB 6PT SHT 5/16 FP
25-011 WR COMB 6PT SHT 11/32 FP
25-012 WR COMB 6PT SHT 3/8 FP
25-014 WR COMB 6PT SHT 7/16 FP
25-016 WR COMB 6PT SHT 1/2 FP
25-018 WR COMB 6PT SHT 9/16 FP
25-020 WR COMB 6PT SHT 5/8 FP
25-122 WR COMB 12PT SHT 11/16 FP
25-124 WR COMB 12PT SHT 3/4 FP
27-903 WR ANG OE 13/64 MDGT 15&75D FP
27-904 WR ANG OE 15/64 MDGT 15&75D FP
27-906 WR ANG OE 3/16 MDGT 15&75D FP
27-907 WR ANG OE 7/32 MDGT 15&75D FP
27-908 WR ANG OE 1/4 MDGT 15&75D FP
27-909 WR ANG OE 9/32 MDGT 15&75D FP
27-910 WR ANG OE 5/16 MDGT 15&75D FP
27-911 WR ANG OE 11/32 MDGT 15&75D FP
27-912 WR ANG OE 3/8 MDGT 15&75D FP
27-914 WR ANG OE 7/16 MDGT 15&75D FP
27-916 WR ANG OE 1/2 MDGT 15&75D FP
27-918 WR ANG OE 9/16 MDGT 15&75D FP
27-920 WR ANG OE 5/8 MDGT 15&75D FP
28-454 WR ADJ 4 CUSH GRP
28-456 WR ADJ 6 CUSH GRP
3121 SET PICK 4PC
56131 6 PC T-HDLE BALL PLUS SET
56193 13 PC BALL PLUS SET
66-501 SCRDR SLT 1/4X4 CUSH GRP
66-502 SCRDR SLT 3/16X3 CUSH GRP
66-504 SCRDR SLT 5/16X6 CUSH GRP
66-505 SCRDR SLT 1/4X4 CUSH GRP
66-507 SCRDR SLT 3/8X8 CUSH GRP
66-524 SCRDR PHLP #1X3 CUSH GRP
66-527 SCRDR PHLP #2X4 CUSH GRP
66-530 SCRDR PHLP #3X6 CUSH GRP
66-603 SCRDR OFF 1/4X4
66-609 SCRDR OFF #1X#2X4-1/2
66-806 NUT DR 3/16 HOLL SHFT
66-808 NUT DR 1/4 HOLL SHFT
66-810 NUT DR 5/16 HOLL SHFT
66-811 NUT DR 11/32 HOLL SHFT
66-812 NUT DR 3/8 HOLL SHFT
66-814 NUT DR 7/16 HOLL SHFT
66-816 NUT DR 1/2 HOLL SHFT
66-933 SCR START PHLP 5
67-109 PLR DIAG CUT 7 HD W/GRP
67-184 PLR DIAG CUT 4-1/2 W/GRP
67-253 PLR CHN NSE 4-3/4 W/GRP
67-257 PLR CHN NSE 6-3/8 W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-357 PLR NDL NSE 5-7/16 W/GRP
67-401 PLR NDL NSE 5-7/8 CURV W/GRP
67-503 PLR DKBL 8 W/GRP
67-717 PLR TNG&GRV 5 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
67-901 PLR WIRE STRPR CRMP CUT 8-1/4
68-241 SNIPS MINI 6-1/2
69-009 HMR SFT FC NO TIP 1-1/2D 12OZ
69-155 HMR TIP 1-1/2 THG GREEN (2)
69-442 HMR BLL PN 4OZ WD HDL
67-436 6" LOCKING PLIERS
70-101 PNCH PIN 1/16 TIP
70-231 PNCH CNTR 1/4
70-251 PNCH PRCK 1/4
70-301 CHSL CLD 1/4 TIP
67-407 7" LOCKING PLIERS

Set 15-087 195 Pc. Master Socket and Wrench Set - Tools Only

10-106 SKT 1/4DR 12PT 3/16
10-107 SKT 1/4DR 12PT 7/32
10-108 SKT 1/4DR 12PT 1/4
10-109 SKT 1/4DR 12PT 9/32
10-110 SKT 1/4DR 12PT 5/16
10-111 SKT 1/4DR 12PT 11/32
10-112 SKT 1/4DR 12PT 3/8
10-114 SKT 1/4DR 12PT 7/16
10-116 SKT 1/4DR 12PT 1/2
10-118 SKT 1/4DR 12PT 9/16
10-306 SKT 1/4DR 12PT 3/16 DP
10-307 SKT 1/4DR 12PT 7/32 DP
10-308 SKT 1/4DR 12PT 1/4 DP
10-309 SKT 1/4DR 12PT 9/32 DP
10-310 SKT 1/4DR 12PT 5/16 DP
10-311 SKT 1/4DR 12PT 11/32 DP
10-312 SKT 1/4DR 12PT 3/8 DP
10-314 SKT 1/4DR 12PT 7/16 DP
10-316 SKT 1/4DR 12PT 1/2 DP
10-318 SKT 1/4DR 12PT 9/16 DP
10-921 EXTEN 1/4DR 2
10-923 EXTEN 1/4DR 6
10-943 HDL SPIN 1/4DR 6
10-945 RAT SPIN 1/4DR
10-947 UNV JNT 1/4DR
10-972 RAT 1/4DR 5-9/32 REPL 10-903
11-112 SKT 3/8DR 12PT 3/8
11-114 SKT 3/8DR 12PT 7/16
11-116 SKT 3/8DR 12PT 1/2
11-118 SKT 3/8DR 12PT 9/16
11-120 SKT 3/8DR 12PT 5/8
11-122 SKT 3/8DR 12PT 11/16
11-124 SKT 3/8DR 12PT 3/4
11-126 SKT 3/8DR 12PT 13/16
11-128 SKT 3/8DR 12PT 7/8
11-312 SKT 3/8DR 12PT 3/8 DP
11-314 SKT 3/8DR 12PT 7/16 DP
11-316 SKT 3/8DR 12PT 1/2 DP
11-318 SKT 3/8DR 12PT 9/16 DP
11-320 SKT 3/8DR 12PT 5/8 DP
11-322 SKT 3/8DR 12PT 11/16 DP
11-324 SKT 3/8DR 12PT 3/4 DP
11-326 SKT 3/8DR 12PT 13/16 DP
11-328 SKT 3/8DR 12PT 7/8 DP
11-408 SKT 3/8DR 8PT 1/4
11-410 SKT 3/8DR 8PT 5/16
11-412 SKT 3/8DR 8PT 3/8
11-514 SKT 3/8DR UNV 12PT 7/16
11-516 SKT 3/8DR UNV 12PT 1/2
11-518 SKT 3/8DR UNV 12PT 9/16
11-520 SKT 3/8DR UNV 12PT 5/8
11-524 SKT 3/8DR UNV 12PT 3/4
11-708 SKT 3/8DR HEX BIT 1/8
11-710 SKT 3/8DR HEX BIT 5/32
11-711 SKT 3/8DR HEX BIT 3/16
11-712 SKT 3/8DR HEX BIT 7/32
11-713 SKT 3/8DR HEX BIT 1/4
11-714 SKT 3/8DR HEX BIT 5/16
11-715 SKT 3/8DR HEX BIT 3/8
11-918 HDL FLX 3/8DR 8-1/2
11-922 EXTEN 3/8DR 3
11-923 EXTEN 3/8DR 6
11-927 EXTEN 3/8DR 12
11-935 HDL SPD 3/8DR 16-1/2
11-945 RAT SPIN 3/8DR
11-947 UNV JNT 3/8DR
11-972 RAT 3/8DR 7-3/8 REPL 11-903
12-112 SKT 1/2DR 12PT 3/8
12-114 SKT 1/2DR 12PT 7/16
12-116 SKT 1/2DR 12PT 1/2
12-118 SKT 1/2DR 12PT 9/16
12-120 SKT 1/2DR 12PT 5/8
12-121 SKT 1/2DR 12PT 21/32
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-125 SKT 1/2DR 12PT 25/32
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-134 SKT 1/2DR 12PT 1-1/16
12-136 SKT 1/2DR 12PT 1-1/8
12-138 SKT 1/2DR 12PT 1-3/16
12-140 SKT 1/2DR 12PT 1-1/4
12-312 SKT 1/2DR 12PT 3/8 DP
12-314 SKT 1/2DR 12PT 7/16 DP
12-316 SKT 1/2DR 12PT 1/2 DP
12-318 SKT 1/2DR 12PT 9/16 DP
12-320 SKT 1/2DR 12PT 5/8 DP
12-322 SKT 1/2DR 12PT 11/16 DP
12-324 SKT 1/2DR 12PT 3/4 DP
12-326 SKT 1/2DR 12PT 13/16 DP
12-328 SKT 1/2DR 12PT 7/8 DP
12-330 SKT 1/2DR 12PT 15/16 DP
12-332 SKT 1/2DR 12PT 1 DP
12-334 SKT 1/2DR 12PT 1-1/16 DP
12-336 SKT 1/2DR 12PT 1-1/8 DP
12-338 SKT 1/2DR 12PT 1-3/16 DP
12-340 SKT 1/2DR 12PT 1-1/4 DP
12-717 SKT 1/2DR HEX BIT 1/2
12-718 SKT 1/2DR HEX BIT 9/16
12-719 SKT 1/2DR HEX BIT 5/8
12-918 HDL FLX 1/2DR 17
12-921 EXTEN 1/2DR 2-1/2
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-935 HDL SPD 1/2DR 19
12-945 RAT SPIN 1/2DR
12-947 UNV JNT 1/2DR
12-972 RAT 1/2DR 10-1/2 REPL 12-903
25-004 WR COMB 6PT SHT 1/8 FP
25-005 WR COMB 6PT SHT 5/32 FP
25-006 WR COMB 6PT SHT 3/16 FP
25-008 WR COMB 6PT SHT 1/4 FP
25-009 WR COMB 6PT SHT 9/32 FP
25-010 WR COMB 6PT SHT 5/16 FP
25-011 WR COMB 6PT SHT 11/32 FP
25-012 WR COMB 6PT SHT 3/8 FP
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP

Continued . .

Set 15-087 195 Pc. Master Socket and Wrench Set Cont.

25-512 WR COMB FLX HD 12PT 3/8 FP
25-514 WR COMB FLX HD 12PT 7/16 FP
25-516 WR COMB FLX HD 12PT 1/2 FP
25-518 WR COMB FLX HD 12PT 9/16 FP
25-520 WR COMB FLX HD 12PT 5/8 FP
25-522 WR COMB FLX HD 12PT 11/16 FP
25-524 WR COMB FLX HD 12PT 3/4 FP
27-143 WR BX 12PT SHT 3/8X7/16 FP
27-167 WR BX 12PT SHT 1/2X9/16 FP
27-194 WR BX 12PT SHT 5/8X11/16 FP
27-206 WR BX 12PT SHT 11/16X3/4 FP
27-510 WR GEARED BOX 12PT 3/8 FP
27-511 WR GEARED BOX 12PT 7/16 FP
27-512 WR GEARED BOX 12PT 1/2 FP
27-513 WR GEARED BOX 12PT 9/16 FP
27-514 WR GEARED BOX 12PT 5/8 FP
27-515 WR GEARED BOX 12PT 11/16 FP
27-516 WR GEARED BOX 12PT 3/4 FP
27-903 WR ANG OE 13/64 MDGT 15&75D FP
27-904 WR ANG OE 15/64 MDGT 15&75D FP
27-907 WR ANG OE 7/32 MDGT 15&75D FP
27-908 WR ANG OE 1/4 MDGT 15&75D FP
27-909 WR ANG OE 9/32 MDGT 15&75D FP
27-910 WR ANG OE 5/16 MDGT 15&75D FP
27-911 WR ANG OE 11/32 MDGT 15&75D FP
27-912 WR ANG OE 3/8 MDGT 15&75D FP
28-212 WR COMB FLR NUT 6PT 3/8 FP
28-214 WR COMB FLR NUT 6PT 7/16 FP
28-216 WR COMB FLR NUT 6PT 1/2 FP
28-218 WR COMB FLR NUT 6PT 9/16 FP
28-220 WR COMB FLR NUT 6PT 5/8 FP
28-222 WR COMB FLR NUT 6PT 11/16 FP
28-224 WR COMB FLR NUT 6PT 3/4 FP
28-408 WR ADJ 8
28-410 WR ADJ 10
28-412 WR ADJ 12
56193 13 PC BALL PLUS SET
66-806 NUT DR 3/16 HOLL SHFT
66-807 NUT DR 7/32 HOLL SHFT
66-808 NUT DR 1/4 HOLL SHFT
66-809 NUT DR 9/32 HOLL SHFT
66-810 NUT DR 5/16 HOLL SHFT
66-811 NUT DR 11/32 HOLL SHFT
66-812 NUT DR 3/8 HOLL SHFT
66-814 NUT DR 7/16 HOLL SHFT
66-816 NUT DR 1/2 HOLL SHFT
66-818 NUT DR 9/16 HOLL SHFT
66-820 NUT DR 5/8 HOLL SHFT
67-830 PLR IGNITION 5-1/4 W/GRP

Set 15-091 71 Pc. Heavy Equipment Set - Tools Only

13-142 SKT 3/4DR 12PT 1-5/16
13-144 SKT 3/4DR 12PT 1-3/8
13-146 SKT 3/4DR 12PT 1-7/16
13-148 SKT 3/4DR 12PT 1-1/2
13-150 SKT 3/4DR 12PT 1-9/16
13-152 SKT 3/4DR 12PT 1-5/8
13-154 SKT 3/4DR 12PT 1-11/16
13-156 SKT 3/4DR 12PT 1-3/4
13-158 SKT 3/4DR 12PT 1-13/16
13-160 SKT 3/4DR 12PT 1-7/8
13-164 SKT 3/4DR 12PT 2
13-168 SKT 3/4DR 12PT 2-1/8
13-170 SKT 3/4DR 12PT 2-3/16
13-172 SKT 3/4DR 12PT 2-1/4
13-176 SKT 3/4DR 12PT 2-3/8
13-242 SKT 3/4DR 6PT 1-5/16 DP
13-244 SKT 3/4DR 6PT 1-3/8 DP
13-246 SKT 3/4DR 6PT 1-7/16 DP
13-248 SKT 3/4DR 6PT 1-1/2 DP
13-252 SKT 3/4DR 6PT 1-5/8 DP
13-918 HDL FLX 3/4DR 22
13-922 EXTEN 3/4DR 5
13-923 EXTEN 3/4DR 8
13-925 EXTEN 3/4DR 16
13-938 HDL T 3/4DR 17-1/2
13-947 UNV JNT 3/4DR
13-951 ADP 3/4DR 3/4FX1/2M
13-952 ADP 3/4DR 3/4FX1M
13-972 RAT 3/4DR 19
14-164 SKT 1DR 12PT 2
14-170 SKT 1DR 12PT 2-3/16
14-172 SKT 1DR 12PT 2-1/4
14-176 SKT 1DR 12PT 2-3/8
14-180 SKT 1DR 12PT 2-1/2
14-182 SKT 1DR 12PT 2-9/16
14-184 SKT 1DR 12PT 2-5/8
14-188 SKT 1DR 12PT 2-3/4
14-194 SKT 1DR 12PT 2-15/16
14-196 SKT 1DR 12PT 3
14-200 SKT 1DR 12PT 3-1/8
14-212 SKT 1DR 12PT 3-1/2
14-924 EXTEN 1DR 9
14-926 EXTEN 1DR 18
14-939 HDL SLID T 1DR 20
14-940 ADP 1DR FOR 14-939
14-951 ADP 1DR 1FX3/4M
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP
25-242 WR COMB 12PT LNG 1-5/16
25-244 WR COMB 12PT LNG 1-3/8
25-246 WR COMB 12PT LNG 1-7/16
25-248 WR COMB 12PT LNG 1-1/2
25-252 WR COMB 12PT LNG 1-5/8
25-254 WR COMB 12PT LNG 1-11/16
25-256 WR COMB 12PT LNG 1-3/4
25-258 WR COMB 12PT LNG 1-13/16
25-260 WR COMB 12PT LNG 1-7/8
25-264 WR COMB 12PT LNG 2
28-418 WR ADJ 18
28-424 WR ADJ 24
69-452 HMR BLL PN 2LB WD HDL
69-454 HMR BLL PN 2-1/2LB WD HDL
69-513 HMR BRS 1.5LB W/GRP
70-503 ALIGNING BAR PINCH 5/8X16
70-507 ALIGNING BAR PINCH 7/8X30
70-519 CHSL BAR ROLL1/2X15
70-521 CHSL BAR ROLL 5/8X18
72-423 PULL STD 13 TON 2 JAW
72-453 BEAR SEP 4-5/8
71-516 BEAR SEP

Set 15-097 94 Pc. Heavy Equipment Set - Tools Only

67-410 10" LOCKING PLIERS
11-108 SKT 3/8DR 12PT 1/4
11-110 SKT 3/8DR 12PT 5/16
11-112 SKT 3/8DR 12PT 3/8
11-114 SKT 3/8DR 12PT 7/16
11-116 SKT 3/8DR 12PT 1/2
11-118 SKT 3/8DR 12PT 9/16
11-120 SKT 3/8DR 12PT 5/8
11-124 SKT 3/8DR 12PT 3/4
11-514 SKT 3/8DR UNV 12PT 7/16
11-516 SKT 3/8DR UNV 12PT 1/2
11-518 SKT 3/8DR UNV 12PT 9/16
11-520 SKT 3/8DR UNV 12PT 5/8
11-524 SKT 3/8DR UNV 12PT 3/4
11-922 EXTEN 3/8DR 3
11-925 EXTEN 3/8DR 8
11-935 HDL SPD 3/8DR 16-1/2
11-952 ADP 3/8DR 3/8FX1/2M
11-972 RAT 3/8DR 7-3/8 REPL 11-903
12-116 SKT 1/2DR 12PT 1/2
12-118 SKT 1/2DR 12PT 9/16
12-120 SKT 1/2DR 12PT 5/8
12-122 SKT 1/2DR 12PT 11/16
12-124 SKT 1/2DR 12PT 3/4
12-126 SKT 1/2DR 12PT 13/16
12-128 SKT 1/2DR 12PT 7/8
12-130 SKT 1/2DR 12PT 15/16
12-132 SKT 1/2DR 12PT 1
12-918 HDL FLX 1/2DR 17
12-924 EXTEN 1/2DR 10
12-947 UNV JNT 1/2DR
12-951 ADP 1/2DR 1/2FX3/8M
12-952 ADP 1/2DR 1/2FX3/4M
12-972 RAT 1/2DR 10-1/2 REPL 12-903
13-128 SKT 3/4DR 12PT 7/8
13-130 SKT 3/4DR 12PT 15/16
13-132 SKT 3/4DR 12PT 1
13-134 SKT 3/4DR 12PT 1-1/16
13-136 SKT 3/4DR 12PT 1-1/8
13-140 SKT 3/4DR 12PT 1-1/4
13-142 SKT 3/4DR 12PT 1-5/16
13-148 SKT 3/4DR 12PT 1-1/2
13-152 SKT 3/4DR 12PT 1-5/8
13-154 SKT 3/4DR 12PT 1-11/16
13-156 SKT 3/4DR 12PT 1-3/4
13-160 SKT 3/4DR 12PT 1-7/8
13-164 SKT 3/4DR 12PT 2
13-168 SKT 3/4DR 12PT 2-1/8
13-170 SKT 3/4DR 12PT 2-3/16
13-172 SKT 3/4DR 12PT 2-1/4
13-918 HDL FLX 3/4DR 22
13-923 EXTEN 3/4DR 8
13-972 RAT 3/4DR 19
25-208 WR COMB 12PT LNG 1/4 FP
25-210 WR COMB 12PT LNG 5/16 FP
25-212 WR COMB 12PT LNG 3/8 FP
25-214 WR COMB 12PT LNG 7/16 FP
25-216 WR COMB 12PT LNG 1/2 FP
25-218 WR COMB 12PT LNG 9/16 FP
25-220 WR COMB 12PT LNG 5/8 FP
25-222 WR COMB 12PT LNG 11/16 FP
25-224 WR COMB 12PT LNG 3/4 FP
25-226 WR COMB 12PT LNG 13/16 FP
25-228 WR COMB 12PT LNG 7/8 FP
25-230 WR COMB 12PT LNG 15/16 FP
25-232 WR COMB 12PT LNG 1 FP
25-234 WR COMB 12PT LNG 1-1/16 FP
25-236 WR COMB 12PT LNG 1-1/8 FP
25-240 WR COMB 12PT LNG 1-1/4 FP
25-242 WR COMB 12PT LNG 1-5/16
25-244 WR COMB 12PT LNG 1-3/8
25-248 WR COMB 12PT LNG 1-1/2
25-252 WR COMB 12PT LNG 1-5/8
27-667 WR TAPPET 1/2X9/16 FP
485 GASKET SCRAPER
66-103 SCRDR SLT 5/16X6
66-106 SCRDR SLT 3/8X8
66-258 SCRDR CAB 1/8X6
67-163 PLR DIAG CUT 7-1/2 W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-657 PLR SLP JNT 6-1/2
67-779 PLR TNG&GRV 10 W/GRP
69-019 HMR SFT FC NO TIP 2D 2LB
69-166 HMR TIP 2 MED HD CREAM
69-446 HMR BLL PN 12OZ WD HDL
69-452 HMR BLL PN 2LB WD HDL
70-189 PNCH DRFT 1/8 TIP
70-201 PNCH DRFT 3/8 TIP
70-237 PNCH CTR 7/16
70-305 CHSL CLD 3/8 TIP
70-315 CHSL CLD 7/8 TIP
70-519 CHSL BAR ROLL1/2X15
70-793 SET FEELER GAUGE 25 BLADE

Set 44-002 111 Pc. Metric Add-on Set - Tools Only

37-004 SKT 1/4DR 6PT 4MM
37-005 SKT 1/4DR 6PT 5MM
37-006 SKT 1/4DR 6PT 6MM
37-007 SKT 1/4DR 6PT 7MM
37-008 SKT 1/4DR 6PT 8MM
37-009 SKT 1/4DR 6PT 9MM
37-010 SKT 1/4DR 6PT 10MM
37-011 SKT 1/4DR 6PT 11MM
37-012 SKT 1/4DR 6PT 12MM
37-013 SKT 1/4DR 6PT 13MM
37-014 SKT 1/4DR 6PT 14MM
37-083 SKT 1/4DR 6PT 5.5MM
37-204 SKT 1/4DR 6PT 4MM DP
37-205 SKT 1/4DR 6PT 5MM DP
37-206 SKT 1/4DR 6PT 6MM DP
37-207 SKT 1/4DR 6PT 7MM DP
37-208 SKT 1/4DR 6PT 8MM DP
37-209 SKT 1/4DR 6PT 9MM DP
37-210 SKT 1/4DR 6PT 10MM DP
37-211 SKT 1/4DR 6PT 11MM DP
37-212 SKT 1/4DR 6PT 12MM DP
37-213 SKT 1/4DR 6PT 13MM DP
37-214 SKT 1/4DR 6PT 14MM DP
37-283 SKT 1/4DR 6PT 5.5MM DP
38-108 SKT 3/8DR 12PT 8MM
38-109 SKT 3/8DR 12PT 9MM
38-110 SKT 3/8DR 12PT 10MM
38-111 SKT 3/8DR 12PT 11MM
38-112 SKT 3/8DR 12PT 12MM
38-113 SKT 3/8DR 12PT 13MM
38-114 SKT 3/8DR 12PT 14MM
38-115 SKT 3/8DR 12PT 15MM
38-116 SKT 3/8DR 12PT 16MM
38-117 SKT 3/8DR 12PT 17MM
38-118 SKT 3/8DR 12PT 18MM
38-119 SKT 3/8DR 12PT 19MM
38-310 SKT 3/8DR 12PT 10MM DP
38-311 SKT 3/8DR 12PT 11MM DP
38-312 SKT 3/8DR 12PT 12MM DP
38-313 SKT 3/8DR 12PT 13MM DP
38-314 SKT 3/8DR 12PT 14MM DP
38-315 SKT 3/8DR 12PT 15MM DP
38-316 SKT 3/8DR 12PT 16MM DP
38-317 SKT 3/8DR 12PT 17MM DP
38-318 SKT 3/8DR 12PT 18MM DP
38-319 SKT 3/8DR 12PT 19MM DP
38-707 SKT 3/8DR HEX BIT 4MM
38-709 SKT 3/8DR HEX BIT 5MM
38-711 SKT 3/8DR HEX BIT 6MM
38-712 SKT 3/8DR HEX BIT 7MM
38-713 SKT 3/8DR HEX BIT 8MM
38-715 SKT 3/8DR HEX BIT 10MM
39-110 SKT 1/2DR 12PT 10MM
39-111 SKT 1/2DR 12PT 11MM
39-112 SKT 1/2DR 12PT 12MM
39-113 SKT 1/2DR 12PT 13MM
39-114 SKT 1/2DR 12PT 14MM
39-115 SKT 1/2DR 12PT 15MM
39-116 SKT 1/2DR 12PT 16MM
39-117 SKT 1/2DR 12PT 17MM
39-118 SKT 1/2DR 12PT 18MM
39-119 SKT 1/2DR 12PT 19MM
39-120 SKT 1/2DR 12PT 20MM
39-121 SKT 1/2DR 12PT 21MM
39-122 SKT 1/2DR 12PT 22MM
39-123 SKT 1/2DR 12PT 23MM
39-124 SKT 1/2DR 12PT 24MM
39-310 SKT 1/2DR 12PT 10MM DP
39-311 SKT 1/2DR 12PT 11MM DP
39-312 SKT 1/2DR 12PT 12MM DP
39-313 SKT 1/2DR 12PT 13MM DP
39-314 SKT 1/2DR 12PT 14MM DP
39-315 SKT 1/2DR 12PT 15MM DP
39-316 SKT 1/2DR 12PT 16MM DP
39-317 SKT 1/2DR 12PT 17MM DP
39-318 SKT 1/2DR 12PT 18MM DP
39-319 SKT 1/2DR 12PT 19MM DP
39-320 SKT 1/2DR 12PT 20MM DP
39-321 SKT 1/2DR 12PT 21MM DP
39-322 SKT 1/2DR 12PT 22MM DP
39-324 SKT 1/2DR 12PT 24MM DP
39-717 SKT 1/2DR HEX BIT 12MM
39-719 SKT 1/2DR HEX BIT 14MM
39-722 SKT 1/2DR HEX BIT 17MM
52-207 WR COMB 12PT LNG 7MM FP
52-208 WR COMB 12PT LNG 8MM FP
52-209 WR COMB 12PT LNG 9MM FP
52-210 WR COMB 12PT LNG 10MM FP
52-211 WR COMB 12PT LNG 11MM FP
52-212 WR COMB 12PT LNG 12MM FP
52-213 WR COMB 12PT LNG 13MM FP
52-214 WR COMB 12PT LNG 14MM FP
52-215 WR COMB 12PT LNG 15MM FP
52-216 WR COMB 12PT LNG 16MM FP
52-217 WR COMB 12PT LNG 17MM FP
52-218 WR COMB 12PT LNG 18MM FP
52-219 WR COMB 12PT LNG 19MM FP
52-220 WR COMB 12PT LNG 20MM FP
52-221 WR COMB 12PT LNG 21MM FP
52-222 WR COMB 12PT LNG 22MM FP
52-223 WR COMB 12PT LNG 23MM FP
52-224 WR COMB 12PT LNG 24MM FP
56194 9 PC METRIC BALL PLUS SET

ARMSTRONG INDUSTRIAL HAND TOOLS

Master Set Contents

Set 44-007 248 Pc. Metric Intermediate Set - Tools Only

10-918	HDL FLX 1/4DR 5-3/4
10-921	EXTEN 1/4DR 2
10-923	EXTEN 1/4DR 6
10-943	HDL SPIN 1/4DR 6
10-947	UNV JNT 1/4DR
10-972	RAT 1/4DR 5-9/32 REPL 10-903
67-410	10" LOCKING PLIERS
11-918	HDL FLX 3/8DR 8-1/2
11-922	EXTEN 3/8DR 3
11-923	EXTEN 3/8DR 6
11-947	UNV JNT 3/8DR
11-972	RAT 3/8DR 7-3/8 REPL 11-903
12-918	HDL FLX 1/2DR 17
12-921	EXTEN 1/2DR 2-1/2
12-923	EXTEN 1/2DR 5
12-924	EXTEN 1/2DR 10
12-935	HDL SPD 1/2DR 19
12-947	UNV JNT 1/2DR
12-972	RAT 1/2DR 10-1/2 REPL 12-903
13-918	HDL FLX 3/4DR 22
13-923	EXTEN 3/4DR 8
13-925	EXTEN 3/4DR 16
13-972	RAT 3/4DR 19
28-406	WR ADJ 6
28-408	WR ADJ 8
28-410	WR ADJ 10
28-412	WR ADJ 12
3470	HOOK & PIN PULLER
37-004	SKT 1/4DR 6PT 4MM
37-005	SKT 1/4DR 6PT 5MM
37-006	SKT 1/4DR 6PT 6MM
37-007	SKT 1/4DR 6PT 7MM
37-008	SKT 1/4DR 6PT 8MM
37-009	SKT 1/4DR 6PT 9MM
37-010	SKT 1/4DR 6PT 10MM
37-011	SKT 1/4DR 6PT 11MM
37-012	SKT 1/4DR 6PT 12MM
37-013	SKT 1/4DR 6PT 13MM
37-014	SKT 1/4DR 6PT 14MM
37-083	SKT 1/4DR 6PT 5.5MM
38-108	SKT 3/8DR 12PT 8MM
38-109	SKT 3/8DR 12PT 9MM
38-110	SKT 3/8DR 12PT 10MM
38-111	SKT 3/8DR 12PT 11MM
38-112	SKT 3/8DR 12PT 12MM
38-113	SKT 3/8DR 12PT 13MM
38-114	SKT 3/8DR 12PT 14MM
38-115	SKT 3/8DR 12PT 15MM
38-116	SKT 3/8DR 12PT 16MM
38-117	SKT 3/8DR 12PT 17MM
38-118	SKT 3/8DR 12PT 18MM
38-119	SKT 3/8DR 12PT 19MM
38-308	SKT 3/8DR 12PT 8MM DP
38-309	SKT 3/8DR 12PT 9MM DP
38-310	SKT 3/8DR 12PT 10MM DP
38-311	SKT 3/8DR 12PT 11MM DP
38-312	SKT 3/8DR 12PT 12MM DP
38-313	SKT 3/8DR 12PT 13MM DP
38-314	SKT 3/8DR 12PT 14MM DP
38-315	SKT 3/8DR 12PT 15MM DP
38-316	SKT 3/8DR 12PT 16MM DP
38-317	SKT 3/8DR 12PT 17MM DP
38-318	SKT 3/8DR 12PT 18MM DP
38-319	SKT 3/8DR 12PT 19MM DP
38-707	SKT 3/8DR HEX BIT 4MM
38-709	SKT 3/8DR HEX BIT 5MM
38-711	SKT 3/8DR HEX BIT 6MM
38-712	SKT 3/8DR HEX BIT 7MM
38-713	SKT 3/8DR HEX BIT 8MM
38-714	SKT 3/8DR HEX BIT 9MM
38-715	SKT 3/8DR HEX BIT 10MM
39-110	SKT 1/2DR 12PT 10MM
39-111	SKT 1/2DR 12PT 11MM
39-112	SKT 1/2DR 12PT 12MM
39-113	SKT 1/2DR 12PT 13MM
39-114	SKT 1/2DR 12PT 14MM
39-115	SKT 1/2DR 12PT 15MM
39-116	SKT 1/2DR 12PT 16MM
39-117	SKT 1/2DR 12PT 17MM
39-118	SKT 1/2DR 12PT 18MM
39-119	SKT 1/2DR 12PT 19MM
39-120	SKT 1/2DR 12PT 20MM
39-121	SKT 1/2DR 12PT 21MM
39-122	SKT 1/2DR 12PT 22MM
39-123	SKT 1/2DR 12PT 23MM
39-124	SKT 1/2DR 12PT 24MM
39-125	SKT 1/2DR 12PT 25MM
39-126	SKT 1/2DR 12PT 26MM
39-316	SKT 1/2DR 12PT 16MM DP
39-317	SKT 1/2DR 12PT 17MM DP
39-318	SKT 1/2DR 12PT 18MM DP
39-319	SKT 1/2DR 12PT 19MM DP
39-320	SKT 1/2DR 12PT 20MM DP
39-321	SKT 1/2DR 12PT 21MM DP
39-322	SKT 1/2DR 12PT 22MM DP
39-324	SKT 1/2DR 12PT 24MM DP
39-325	SKT 1/2DR 12PT 25MM DP
39-326	SKT 1/2DR 12PT 26MM DP
39-717	SKT 1/2DR HEX BIT 12MM
39-719	SKT 1/2DR HEX BIT 14MM
39-722	SKT 1/2DR HEX BIT 17MM
40-123	SKT 3/4DR 12PT 23MM
40-124	SKT 3/4DR 12PT 24MM
40-125	SKT 3/4DR 12PT 25MM
40-126	SKT 3/4DR 12PT 26MM
40-127	SKT 3/4DR 12PT 27MM
40-128	SKT 3/4DR 12PT 28MM
40-129	SKT 3/4DR 12PT 29MM
40-130	SKT 3/4DR 12PT 30MM
40-132	SKT 3/4DR 12PT 32MM
40-135	SKT 3/4DR 12PT 35MM
40-136	SKT 3/4DR 12PT 36MM
40-138	SKT 3/4DR 12PT 38MM
40-141	SKT 3/4DR 12PT 41MM
40-142	SKT 3/4DR 12PT 42MM
40-146	SKT 3/4DR 12PT 46MM
485	GASKET SCRAPER
52-207	WR COMB 12PT LNG 7MM FP
52-208	WR COMB 12PT LNG 8MM FP
52-209	WR COMB 12PT LNG 9MM FP
52-210	WR COMB 12PT LNG 10MM FP
52-211	WR COMB 12PT LNG 11MM FP
52-212	WR COMB 12PT LNG 12MM FP
52-213	WR COMB 12PT LNG 13MM FP
52-214	WR COMB 12PT LNG 14MM FP
52-215	WR COMB 12PT LNG 15MM FP
52-216	WR COMB 12PT LNG 16MM FP
52-217	WR COMB 12PT LNG 17MM FP
52-218	WR COMB 12PT LNG 18MM FP
52-219	WR COMB 12PT LNG 19MM FP
52-220	WR COMB 12PT LNG 20MM FP
52-221	WR COMB 12PT LNG 21MM FP
52-222	WR COMB 12PT LNG 22MM FP
52-223	WR COMB 12PT LNG 23MM FP
52-224	WR COMB 12PT LNG 24MM FP
53-016	WR OE 6X7MM FP
53-022	WR OE 8X9MM FP
53-034	WR OE 10X11MM FP
53-052	WR OE 12X13MM FP
53-067	WR OE 14X15MM FP
53-082	WR OE 16X17MM FP
53-096	WR OE 18X19MM FP
53-115	WR OE 20X22MM FP
53-119	WR OE 21X23MM FP
53-142	WR OE 24X26MM FP
54-510	WR GEARED BOX 12PT 10MM FP
54-511	WR GEARED BOX 12PT 11MM FP
54-512	WR GEARED BOX 12PT 12MM FP
54-513	WR GEARED BOX 12PT 13MM FP
54-514	WR GEARED BOX 12PT 14MM FP
54-515	WR GEARED BOX 12PT 15MM FP
54-516	WR GEARED BOX 12PT 16MM FP
54-517	WR GEARED BOX 12PT 17MM FP
54-518	WR GEARED BOX 12PT 18MM FP
54-519	WR GEARED BOX 12PT 19MM FP
56194	9 PC METRIC BALL PLUS SET
66-150	SCRDR PHLP #2X1-1/2
66-152	SCRDR PHLP #0X2-1/2
66-153	SCRDR PHLP #1X3
66-156	SCRDR PHLP #2X4
66-161	SCRDR PHLP #3X6
66-164	SCRDR PHLP #4X8
66-203	SCRDR SLT 3/16X4 SQ
66-208	SCRDR SLT 1/4X4 SQ
66-217	SCRDR SLT 5/16X6 SQ
66-220	SCRDR SLT 3/8X8 SQ
66-226	SCRDR SLT 7/16X12 SQ
66-232	SCRDR SLT 1/4X1-1/2 SQ
66-831	NUT DR 5MM HOLL SHFT
66-832	NUT DR 5.5MM HOLL SHFT
66-833	NUT DR 6MM HOLL SHFT
66-834	NUT DR 7MM HOLL SHFT
66-835	NUT DR 8MM HOLL SHFT
66-836	NUT DR 9MM HOLL SHFT
66-837	NUT DR 10MM HOLL SHFT
67-067	PLR LNMN 8-1/2 W/GRP
67-109	PLR DIAG CUT 7 HD W/GRP
67-161	PLR DIAG CUT 6-3/8 W/GRP
67-305	PLR CHN NSE 6-1/3 SD CUT W/GRP
67-357	PLR NDL NSE 5-7/16 W/GRP
67-401	PLR NDL NSE 5-7/8 CURV W/GRP
67-503	PLR DKBL 8 W/GRP
67-535	PLR END CUT 7-3/8 W/GRP
67-669	PLR SLP JNT 8 W/GRP
67-779	PLR TNG&GRV 10 W/GRP
67-783	PLR TNG&GRV 16 W/GRP
67-901	PLR WIRE STRPR CRMP CUT 8-1/4
68-025	PLR RET RNG CONV .038 0D
68-026	PLR RET RNG CONV .038 45D
68-027	PLR RET RNG CONV .038 90D
68-028	PLR RET RNG CONV .047 0D
68-029	PLR RET RNG CONV .047 45D
68-030	PLR RET RNG CONV .047 90D
68-031	PLR RET RNG CONV .070 0D
68-032	PLR RET RNG CONV .070 45D
68-033	PLR RET RNG CONV .070 90D
68-034	PLR RET RNG CONV .090 0D
68-035	PLR RET RNG CONV .090 45D
68-036	PLR RET RNG CONV .090 90D
68-241	SNIPS MINI 6-1/2
68-255	SNIPS AVN 10 STRT
68-310	KNFE UTIL RETRACT
68-445	TP MEAS 1X25 LCK AUTO
69-448	HMR BLL PN 1LB WD HDL
69-452	HMR BLL PN 2LB WD HDL
69-513	HMR BRS 1.5LB W/GRP
69-532	HMR DEAD BLOW STD 21OZ
70-000	PUNCH & CHISEL HOLDER
70-103	PNCH PIN 3/32 TIP
70-105	PNCH PIN 1/8 TIP
70-109	PNCH PIN 3/16 TIP
70-153	PNCH START 1/16 TIP
70-157	PNCH START 1/8 TIP
70-161	PNCH START 3/16 TIP
70-235	PNCH CNTR 3/8
70-303	CHSL CLD 5/16 TIP
70-307	CHSL CLD 7/16 TIP
70-309	CHSL CLD 1/2 TIP
70-393	CHSL CAPE 7/32 TIP
70-421	CHSL DIA PT 3/16 TIP
70-503	ALIGNING BAR PINCH 5/8X16
70-519	CHSL BAR ROLL1/2X15
70-865	HCKS FLT FRM
70-929	TELESCP MIRROR 2-1/8 DIA
70-933	RETR TL MAG TELESCP
70-950	SCR EXTR 1/8
70-952	SCR EXTR 3/16
70-954	SCR EXTR 15/64
70-956	SCR EXTR 5/16
70-958	SCR EXTR 3/8
70-960	SCR EXTR 15/32
70-962	SCR EXTR 9/16
70-964	SCR EXTR 21/32
70-966	SCR EXTR 13/16
73-010	WR PIPE 10 HD
73-014	WR PIPE 14 HD
73-018	WR PIPE 18 HD
78-404	C-CL THRT DP 4 STD SCREW BLK (2)
67-407	7" LOCKING PLIERS

Set 44-012 355 Pc. Metric Master Set - Tools Only

10-918	HDL FLX 1/4DR 5-3/4
10-921	EXTEN 1/4DR 2
10-923	EXTEN 1/4DR 6
10-935	HDL SPD 1/4DR 15-3/4
10-943	HDL SPIN 1/4DR 6
10-947	UNV JNT 1/4DR
10-972	RAT 1/4DR 5-9/32 REPL 10-903
67-410	10" LOCKING PLIERS
11-802	SKT 3/8DR SLT BIT 1/4
11-822	SKT 3/8DR PHLP BIT #2
11-825	SKT 3/8DR PHLP BIT #3
11-828	SKT 3/8DR PHLP BIT #4
11-918	HDL FLX 3/8DR 8-1/2
11-922	EXTEN 3/8DR 3
11-923	EXTEN 3/8DR 6
11-927	EXTEN 3/8DR 12
11-929	EXTEN FLX 3/8DR 7-1/4
11-935	HDL SPD 3/8DR 16-1/2
11-938	HDL T 3/8DR 8
11-947	UNV JNT 3/8DR
11-972	RAT 3/8DR 7-3/8 REPL 11-903
11-974	RAT 3/8DR FLX 9-1/2
12-918	HDL FLX 1/2DR 17
12-921	EXTEN 1/2DR 2-1/2
12-923	EXTEN 1/2DR 5
12-924	EXTEN 1/2DR 10
12-935	HDL SPD 1/2DR 19
12-938	HDL T 1/2DR 11
12-947	UNV JNT 1/2DR
12-972	RAT 1/2DR 10-1/2 REPL 12-903
12-973	RAT 1/2DR 15 REPL 12-904
12-974	RAT 1/2DR FLX 14-1/4
28-406	WR ADJ 6
28-408	WR ADJ 8
28-410	WR ADJ 10
28-412	WR ADJ 12
3470	HOOK & PIN PULLER
37-004	SKT 1/4DR 6PT 4MM
37-005	SKT 1/4DR 6PT 5MM
37-006	SKT 1/4DR 6PT 6MM
37-007	SKT 1/4DR 6PT 7MM
37-008	SKT 1/4DR 6PT 8MM
37-009	SKT 1/4DR 6PT 9MM
37-010	SKT 1/4DR 6PT 10MM
37-011	SKT 1/4DR 6PT 11MM
37-012	SKT 1/4DR 6PT 12MM
37-013	SKT 1/4DR 6PT 13MM
37-014	SKT 1/4DR 6PT 14MM
37-083	SKT 1/4DR 6PT 5.5MM
37-204	SKT 1/4DR 6PT 4MM DP
37-205	SKT 1/4DR 6PT 5MM DP
37-206	SKT 1/4DR 6PT 6MM DP
37-207	SKT 1/4DR 6PT 7MM DP
37-208	SKT 1/4DR 6PT 8MM DP
37-209	SKT 1/4DR 6PT 9MM DP
37-210	SKT 1/4DR 6PT 10MM DP
37-211	SKT 1/4DR 6PT 11MM DP
37-212	SKT 1/4DR 6PT 12MM DP
37-213	SKT 1/4DR 6PT 13MM DP
37-214	SKT 1/4DR 6PT 14MM DP
37-283	SKT 1/4DR 6PT 5.5MM DP
37-703	SKT 1/4DR HEX BIT 2MM
37-704	SKT 1/4DR HEX BIT 2.5MM
37-705	SKT 1/4DR HEX BIT 3MM
37-707	SKT 1/4DR HEX BIT 4MM
37-709	SKT 1/4DR HEX BIT 5MM
37-711	SKT 1/4DR HEX BIT 6MM
38-106	SKT 3/8DR 12PT 6MM
38-107	SKT 3/8DR 12PT 7MM
38-108	SKT 3/8DR 12PT 8MM
38-109	SKT 3/8DR 12PT 9MM
38-110	SKT 3/8DR 12PT 10MM
38-111	SKT 3/8DR 12PT 11MM
38-112	SKT 3/8DR 12PT 12MM
38-113	SKT 3/8DR 12PT 13MM
38-114	SKT 3/8DR 12PT 14MM
38-115	SKT 3/8DR 12PT 15MM
38-116	SKT 3/8DR 12PT 16MM
38-117	SKT 3/8DR 12PT 17MM
38-118	SKT 3/8DR 12PT 18MM
38-119	SKT 3/8DR 12PT 19MM
38-120	SKT 3/8DR 12PT 20MM
38-121	SKT 3/8DR 12PT 21MM
38-122	SKT 3/8DR 12PT 22MM
38-306	SKT 3/8DR 12PT 6MM DP
38-307	SKT 3/8DR 12PT 7MM DP
38-308	SKT 3/8DR 12PT 8MM DP
38-309	SKT 3/8DR 12PT 9MM DP
38-310	SKT 3/8DR 12PT 10MM DP
38-311	SKT 3/8DR 12PT 11MM DP
38-312	SKT 3/8DR 12PT 12MM DP
38-313	SKT 3/8DR 12PT 13MM DP
38-314	SKT 3/8DR 12PT 14MM DP
38-315	SKT 3/8DR 12PT 15MM DP
38-316	SKT 3/8DR 12PT 16MM DP
38-317	SKT 3/8DR 12PT 17MM DP
38-318	SKT 3/8DR 12PT 18MM DP
38-319	SKT 3/8DR 12PT 19MM DP
38-707	SKT 3/8DR HEX BIT 4MM
38-709	SKT 3/8DR HEX BIT 5MM
38-711	SKT 3/8DR HEX BIT 6MM
38-712	SKT 3/8DR HEX BIT 7MM
38-713	SKT 3/8DR HEX BIT 8MM
38-714	SKT 3/8DR HEX BIT 9MM
38-715	SKT 3/8DR HEX BIT 10MM
38-850	WR 3/8DR CRFT 10 MM
38-851	WR 3/8DR CRFT 11 MM
38-852	WR 3/8DR CRFT 12 MM
38-853	WR 3/8DR CRFT 13 MM
38-854	WR 3/8DR CRFT 14 MM
38-855	WR 3/8DR CRFT 15 MM
38-856	WR 3/8DR CRFT 16 MM
38-857	WR 3/8DR CRFT 17 MM
38-858	WR 3/8DR CRFT 18 MM
38-859	WR 3/8DR CRFT 19 MM
38-861	WR 3/8DR CRFT 21 MM
38-862	WR 3/8DR CRFT 22 MM
39-110	SKT 1/2DR 12PT 10MM
39-111	SKT 1/2DR 12PT 11MM
39-112	SKT 1/2DR 12PT 12MM
39-113	SKT 1/2DR 12PT 13MM
39-114	SKT 1/2DR 12PT 14MM
39-115	SKT 1/2DR 12PT 15MM
39-116	SKT 1/2DR 12PT 16MM
39-117	SKT 1/2DR 12PT 17MM
39-118	SKT 1/2DR 12PT 18MM
39-119	SKT 1/2DR 12PT 19MM
39-120	SKT 1/2DR 12PT 20MM
39-121	SKT 1/2DR 12PT 21MM
39-122	SKT 1/2DR 12PT 22MM
39-123	SKT 1/2DR 12PT 23MM
39-124	SKT 1/2DR 12PT 24MM
39-125	SKT 1/2DR 12PT 25MM
39-126	SKT 1/2DR 12PT 26MM
39-127	SKT 1/2DR 12PT 27MM
39-128	SKT 1/2DR 12PT 28MM
39-129	SKT 1/2DR 12PT 29MM
39-130	SKT 1/2DR 12PT 30MM
39-132	SKT 1/2DR 12PT 32MM
39-136	SKT 1/2DR 12PT 36MM
39-310	SKT 1/2DR 12PT 10MM DP
39-311	SKT 1/2DR 12PT 11MM DP
39-312	SKT 1/2DR 12PT 12MM DP
39-313	SKT 1/2DR 12PT 13MM DP
39-314	SKT 1/2DR 12PT 14MM DP
39-315	SKT 1/2DR 12PT 15MM DP
39-316	SKT 1/2DR 12PT 16MM DP
39-317	SKT 1/2DR 12PT 17MM DP
39-318	SKT 1/2DR 12PT 18MM DP
39-319	SKT 1/2DR 12PT 19MM DP
39-320	SKT 1/2DR 12PT 20MM DP
39-321	SKT 1/2DR 12PT 21MM DP
39-322	SKT 1/2DR 12PT 22MM DP
39-324	SKT 1/2DR 12PT 24MM DP
39-325	SKT 1/2DR 12PT 25MM DP
39-326	SKT 1/2DR 12PT 26MM DP
39-711	SKT 1/2DR HEX BIT 6MM
39-713	SKT 1/2DR HEX BIT 8MM
39-715	SKT 1/2DR HEX BIT 10MM
39-717	SKT 1/2DR HEX BIT 12MM
39-719	SKT 1/2DR HEX BIT 14MM
39-722	SKT 1/2DR HEX BIT 17MM
485	GASKET SCRAPER
52-207	WR COMB 12PT LNG 7MM FP
52-208	WR COMB 12PT LNG 8MM FP
52-209	WR COMB 12PT LNG 9MM FP
52-210	WR COMB 12PT LNG 10MM FP
52-211	WR COMB 12PT LNG 11MM FP
52-212	WR COMB 12PT LNG 12MM FP
52-213	WR COMB 12PT LNG 13MM FP
52-214	WR COMB 12PT LNG 14MM FP
52-215	WR COMB 12PT LNG 15MM FP
52-216	WR COMB 12PT LNG 16MM FP
52-217	WR COMB 12PT LNG 17MM FP
52-218	WR COMB 12PT LNG 18MM FP
52-219	WR COMB 12PT LNG 19MM FP
52-220	WR COMB 12PT LNG 20MM FP
52-221	WR COMB 12PT LNG 21MM FP
52-222	WR COMB 12PT LNG 22MM FP
52-223	WR COMB 12PT LNG 23MM FP
52-224	WR COMB 12PT LNG 24MM FP
53-016	WR OE 6X7MM FP
53-022	WR OE 8X9MM FP
53-034	WR OE 10X11MM FP

Continued . . .

Set 44-012 355 Pc. Metric Master Set Cont.

53-052 WR OE 12X13MM FP
53-067 WR OE 14X15MM FP
53-082 WR OE 16X17MM FP
53-096 WR OE 18X19MM FP
53-115 WR OE 20X22MM FP
53-119 WR OE 21X23MM FP
53-142 WR OE 24X26MM FP
53-616 WR BX LNG 12PT 6X7MM
53-622 WR BX LNG 12PT 8X9MM
53-634 WR BX LNG 12PT 10X11MM
53-652 WR BX LNG 12PT 12X13MM
53-667 WR BX LNG 12PT 14X15MM
53-685 WR BX LNG 12PT 16X18MM
53-691 WR BX LNG 12PT 17X19MM
53-719 WR BX LNG 12PT 21X23MM
53-727 WR BX LNG 12PT 22X24MM
53-762 WR BX LNG 12PT 27X30MM
53-775 WR BX LNG 12PT 30X32MM
54-510 WR GEARED BOX 12PT 10MM FP
54-511 WR GEARED BOX 12PT 11MM FP
54-512 WR GEARED BOX 12PT 12MM FP
54-513 WR GEARED BOX 12PT 13MM FP
54-514 WR GEARED BOX 12PT 14MM FP
54-515 WR GEARED BOX 12PT 15MM FP
54-516 WR GEARED BOX 12PT 16MM FP
54-517 WR GEARED BOX 12PT 17MM FP
54-518 WR GEARED BOX 12PT 18MM FP
54-519 WR GEARED BOX 12PT 19MM FP
55-310 WR RAT FLR NUT 12PT 10MM
55-311 WR RAT FLR NUT 12PT 11MM
55-312 WR RAT FLR NUT 12PT 12MM
55-313 WR RAT FLR NUT 12PT 13MM
55-314 WR RAT FLR NUT 12PT 14MM
55-315 WR RAT FLR NUT 12PT 15MM
55-316 WR RAT FLR NUT 12PT 16MM
55-317 WR RAT FLR NUT 12PT 17MM
55-318 WR RAT FLR NUT 12PT 18MM
55-319 WR RAT FLR NUT 12PT 19MM
56194 9 PC METRIC BALL PLUS SET
64-085 WR TRQ 1/2DR 10-150 FT/LB
66-150 SCRDR PHLP #2X1-1/2
66-152 SCRDR PHLP #0X2-1/2
66-153 SCRDR PHLP #1X3
66-155 SCRDR PHLP #1X6
66-156 SCRDR PHLP #2X4
66-158 SCRDR PHLP #2X8
66-161 SCRDR PHLP #3X6
66-164 SCRDR PHLP #4X8
66-203 SCRDR SLT 3/16X4 SQ
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
66-226 SCRDR SLT 7/16X12 SQ
66-232 SCRDR SLT 1/4X1-1/2 SQ
66-253 SCRDR CAB 1/8X3
66-255 SCRDR CAB 1/8X4
66-259 SCRDR CAB 1/8X8
66-262 SCRDR CAB 3/16X4
66-268 SCRDR CAB 3/16X8
66-605 SCRDR OFF 5/16X5
66-609 SCRDR OFF #1X#2X4-1/2
66-829 NUT DR 4MM HOLL SHFT
66-831 NUT DR 5MM HOLL SHFT
66-832 NUT DR 5.5MM HOLL SHFT
66-833 NUT DR 6MM HOLL SHFT
66-834 NUT DR 7MM HOLL SHFT
66-835 NUT DR 8MM HOLL SHFT
66-836 NUT DR 9MM HOLL SHFT
66-837 NUT DR 10MM HOLL SHFT
66-838 NUT DR 11MM HOLL SHFT
66-839 NUT DR 12MM HOLL SHFT
66-840 NUT DR 13MM HOLL SHFT
66-924 SCR START SLT 5
66-933 SCR START PHLP 5
67-067 PLR LNMN 8-1/2 W/GRP
67-109 PLR DIAG CUT 7 HD W/GRP
67-161 PLR DIAG CUT 6-3/8 W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-357 PLR NDL NSE 5-7/16 W/GRP
67-401 PLR NDL NSE 5-7/8 CURV W/GRP
67-503 PLR DKBL 8 W/GRP
67-535 PLR END CUT 7-3/8 W/GRP
67-667 PLR SLP JNT 6-1/2 W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-717 PLR TNG&GRV 5 W/GRP
67-777 PLR TNG&GRV 6 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
67-901 PLR WIRE STRPR CRMP CUT 8-1/4
68-025 PLR RET RNG CONV .038 0D
68-026 PLR RET RNG CONV .038 45D
68-027 PLR RET RNG CONV .038 90D
68-028 PLR RET RNG CONV .047 0D
68-029 PLR RET RNG CONV .047 45D
68-030 PLR RET RNG CONV .047 90D
68-031 PLR RET RNG CONV .070 0D
68-032 PLR RET RNG CONV .070 45D
68-033 PLR RET RNG CONV .070 90D
68-034 PLR RET RNG CONV .090 0D
68-035 PLR RET RNG CONV .090 45D
68-036 PLR RET RNG CONV .090 90D
68-241 SNIPS MINI 6-1/2
68-255 SNIPS AVN 10 STRT
68-275 SNIPS STRT 12-3/4
68-310 KNFE UTIL RETRACT
68-445 TP MEAS 1X25 LCK AUTO
69-444 HMR BLL PN 8OZ WD HDL
69-448 HMR BLL PN 1LB WD HDL
69-452 HMR BLL PN 2LB WD HDL
69-490 RBR MALL 32OZ 16-1/2
69-532 HMR DEAD BLOW STD 21OZ
67-436 6" LOCKING PLIERS
70-000 PUNCH & CHISEL HOLDER
70-103 PNCH PIN 3/32 TIP
70-105 PNCH PIN 1/8 TIP
70-107 PNCH PIN 5/32 TIP
70-109 PNCH PIN 3/16 TIP
70-129 PNCH PIN 7/32 TIP
70-131 PNCH PIN 1/4 TIP
70-155 PNCH START 3/32 TIP
70-157 PNCH START 1/8 TIP
70-161 PNCH START 3/16 TIP
70-163 PNCH START 7/32 TIP
70-165 PNCH START 1/4 TIP
70-189 PNCH DRFT 1/8 TIP
70-193 PNCH DRFT 3/16 TIP
70-197 PNCH DRFT 1/4 TIP
70-235 PNCH CNTR 3/8
70-239 PNCH CNTR 1/2
70-253 PNCH PRCK 5/16
70-255 PNCH PRCK 3/8
70-301 CHSL CLD 1/4 TIP
70-303 CHSL CLD 5/16 TIP
70-305 CHSL CLD 3/8 TIP
70-309 CHSL CLD 1/2 TIP
70-311 CHSL CLD 5/8 TIP
70-313 CHSL CLD 3/4 TIP
70-315 CHSL CLD 7/8 TIP
70-317 CHSL CLD 1 TIP
70-319 CHSL CLD 1-1/8 TIP
70-503 ALIGNING BAR PINCH 5/8X16
70-505 ALIGNING BAR PINCH 3/4X24
70-519 CHSL BAR ROLL1/2X15
70-521 CHSL BAR ROLL 5/8X18
70-793 SET FEELER GAUGE 25 BLADE
70-865 HCKS FLT FRM
70-929 TELESCP MIRROR 2-1/8 DIA
70-933 RETR TL MAG TELESCP
70-943 RETR TL FLX 23-1/2
70-950 SCR EXTR 1/8
70-952 SCR EXTR 3/16
70-954 SCR EXTR 15/64
70-956 SCR EXTR 5/16
70-958 SCR EXTR 3/8
70-960 SCR EXTR 15/32
70-962 SCR EXTR 9/16
70-964 SCR EXTR 21/32
70-966 SCR EXTR 13/16
72-441 PULLER CONE 2/3 JAW
73-008 WR PIPE 8 HD
73-010 WR PIPE 10 HD
73-014 WR PIPE 14 HD
78-404 C-CL THRT DP 4 STD SCREW BLK (2)
67-407 7" LOCKING PLIERS

Set 44-017 229 Pc. Metric Intermediate Set - Tools Only

10-918 HDL FLX 1/4DR 5-3/4
10-921 EXTEN 1/4DR 2
10-923 EXTEN 1/4DR 6
10-943 HDL SPIN 1/4DR 6
10-947 UNV JNT 1/4DR
10-972 RAT 1/4DR 5-9/32 REPL 10-903
67-410 10" LOCKING PLIER
11-918 HDL FLX 3/8DR 8-1/2
11-922 EXTEN 3/8DR 3
11-923 EXTEN 3/8DR 6
11-935 HDL SPD 3/8DR 16-1/2
11-947 UNV JNT 3/8DR
11-972 RAT 3/8DR 7-3/8 REPL 11-903
12-918 HDL FLX 1/2DR 17
12-921 EXTEN 1/2DR 2-1/2
12-923 EXTEN 1/2DR 5
12-924 EXTEN 1/2DR 10
12-935 HDL SPD 1/2DR 19
12-947 UNV JNT 1/2DR
12-972 RAT 1/2DR 10-1/2 REPL 12-903
28-406 WR ADJ 6
28-408 WR ADJ 8
28-410 WR ADJ 10
37-004 SKT 1/4DR 6PT 4MM
37-005 SKT 1/4DR 6PT 5MM
37-006 SKT 1/4DR 6PT 6MM
37-007 SKT 1/4DR 6PT 7MM
37-008 SKT 1/4DR 6PT 8MM
37-009 SKT 1/4DR 6PT 9MM
37-010 SKT 1/4DR 6PT 10MM
37-011 SKT 1/4DR 6PT 11MM
37-012 SKT 1/4DR 6PT 12MM
37-013 SKT 1/4DR 6PT 13MM
37-014 SKT 1/4DR 6PT 14MM
37-083 SKT 1/4DR 6PT 5.5MM
37-204 SKT 1/4DR 6PT 4MM DP
37-205 SKT 1/4DR 6PT 5MM DP
37-206 SKT 1/4DR 6PT 6MM DP
37-207 SKT 1/4DR 6PT 7MM DP
37-208 SKT 1/4DR 6PT 8MM DP
37-209 SKT 1/4DR 6PT 9MM DP
37-210 SKT 1/4DR 6PT 10MM DP
37-211 SKT 1/4DR 6PT 11MM DP
37-212 SKT 1/4DR 6PT 12MM DP
37-213 SKT 1/4DR 6PT 13MM DP
37-214 SKT 1/4DR 6PT 14MM DP
37-283 SKT 1/4DR 6PT 5.5MM DP
38-108 SKT 3/8DR 12PT 8MM
38-109 SKT 3/8DR 12PT 9MM
38-110 SKT 3/8DR 12PT 10MM
38-111 SKT 3/8DR 12PT 11MM
38-112 SKT 3/8DR 12PT 12MM
38-113 SKT 3/8DR 12PT 13MM
38-114 SKT 3/8DR 12PT 14MM
38-115 SKT 3/8DR 12PT 15MM
38-116 SKT 3/8DR 12PT 16MM
38-117 SKT 3/8DR 12PT 17MM
38-118 SKT 3/8DR 12PT 18MM
38-119 SKT 3/8DR 12PT 19MM
38-308 SKT 3/8DR 12PT 8MM DP
38-309 SKT 3/8DR 12PT 9MM DP
38-310 SKT 3/8DR 12PT 10MM DP
38-311 SKT 3/8DR 12PT 11MM DP
38-312 SKT 3/8DR 12PT 12MM DP
38-313 SKT 3/8DR 12PT 13MM DP
38-314 SKT 3/8DR 12PT 14MM DP
38-315 SKT 3/8DR 12PT 15MM DP
38-316 SKT 3/8DR 12PT 16MM DP
38-317 SKT 3/8DR 12PT 17MM DP
38-318 SKT 3/8DR 12PT 18MM DP
38-319 SKT 3/8DR 12PT 19MM DP
38-707 SKT 3/8DR HEX BIT 4MM
38-709 SKT 3/8DR HEX BIT 5MM
38-711 SKT 3/8DR HEX BIT 6MM
38-712 SKT 3/8DR HEX BIT 7MM
38-713 SKT 3/8DR HEX BIT 8MM
38-714 SKT 3/8DR HEX BIT 9MM
38-715 SKT 3/8DR HEX BIT 10MM
39-110 SKT 1/2DR 12PT 10MM
39-111 SKT 1/2DR 12PT 11MM
39-112 SKT 1/2DR 12PT 12MM
39-113 SKT 1/2DR 12PT 13MM
39-114 SKT 1/2DR 12PT 14MM
39-115 SKT 1/2DR 12PT 15MM
39-116 SKT 1/2DR 12PT 16MM
39-117 SKT 1/2DR 12PT 17MM
39-118 SKT 1/2DR 12PT 18MM
39-119 SKT 1/2DR 12PT 19MM
39-120 SKT 1/2DR 12PT 20MM
39-121 SKT 1/2DR 12PT 21MM
39-122 SKT 1/2DR 12PT 22MM
39-123 SKT 1/2DR 12PT 23MM
39-124 SKT 1/2DR 12PT 24MM
39-125 SKT 1/2DR 12PT 25MM
39-126 SKT 1/2DR 12PT 26MM
39-316 SKT 1/2DR 12PT 16MM DP
39-317 SKT 1/2DR 12PT 17MM DP
39-318 SKT 1/2DR 12PT 18MM DP
39-319 SKT 1/2DR 12PT 19MM DP
39-320 SKT 1/2DR 12PT 20MM DP
39-321 SKT 1/2DR 12PT 21MM DP
39-322 SKT 1/2DR 12PT 22MM DP
39-324 SKT 1/2DR 12PT 24MM DP
39-325 SKT 1/2DR 12PT 25MM DP
39-326 SKT 1/2DR 12PT 26MM DP
39-717 SKT 1/2DR HEX BIT 12MM
39-719 SKT 1/2DR HEX BIT 14MM
39-722 SKT 1/2DR HEX BIT 17MM
485 GASKET SCRAPER
52-207 WR COMB 12PT LNG 7MM FP
52-208 WR COMB 12PT LNG 8MM FP
52-209 WR COMB 12PT LNG 9MM FP
52-210 WR COMB 12PT LNG 10MM FP
52-211 WR COMB 12PT LNG 11MM FP
52-212 WR COMB 12PT LNG 12MM FP
52-213 WR COMB 12PT LNG 13MM FP
52-214 WR COMB 12PT LNG 14MM FP
52-215 WR COMB 12PT LNG 15MM FP
52-216 WR COMB 12PT LNG 16MM FP
52-217 WR COMB 12PT LNG 17MM FP
52-218 WR COMB 12PT LNG 18MM FP
52-219 WR COMB 12PT LNG 19MM FP
52-220 WR COMB 12PT LNG 20MM FP
52-221 WR COMB 12PT LNG 21MM FP
52-222 WR COMB 12PT LNG 22MM FP
52-223 WR COMB 12PT LNG 23MM FP
52-224 WR COMB 12PT LNG 24MM FP
53-016 WR OE 6X7MM FP
53-022 WR OE 8X9MM FP
53-034 WR OE 10X11MM FP
53-052 WR OE 12X13MM FP
53-067 WR OE 14X15MM FP
53-082 WR OE 16X17MM FP
53-096 WR OE 18X19MM FP
53-115 WR OE 20X22MM FP
53-119 WR OE 21X23MM FP
53-142 WR OE 24X26MM FP
54-510 WR GEARED BOX 12PT 10MM FP
54-511 WR GEARED BOX 12PT 11MM FP
54-512 WR GEARED BOX 12PT 12MM FP
54-513 WR GEARED BOX 12PT 13MM FP
54-514 WR GEARED BOX 12PT 14MM FP
54-515 WR GEARED BOX 12PT 15MM FP
54-516 WR GEARED BOX 12PT 16MM FP
54-517 WR GEARED BOX 12PT 17MM FP
54-518 WR GEARED BOX 12PT 18MM FP
54-519 WR GEARED BOX 12PT 19MM FP
55-310 WR RAT FLR NUT 12PT 10MM
55-311 WR RAT FLR NUT 12PT 11MM
55-312 WR RAT FLR NUT 12PT 12MM
55-313 WR RAT FLR NUT 12PT 13MM
55-314 WR RAT FLR NUT 12PT 14MM
55-315 WR RAT FLR NUT 12PT 15MM
55-316 WR RAT FLR NUT 12PT 16MM
55-317 WR RAT FLR NUT 12PT 17MM
55-318 WR RAT FLR NUT 12PT 18MM
55-319 WR RAT FLR NUT 12PT 19MM
56194 9 PC METRIC BALL PLUS SET
66-150 SCRDR PHLP #2X1-1/2
66-152 SCRDR PHLP #0X2-1/2
66-153 SCRDR PHLP #1X3
66-156 SCRDR PHLP #2X4
66-161 SCRDR PHLP #3X6
66-164 SCRDR PHLP #4X8
66-203 SCRDR SLT 3/16X4 SQ
66-208 SCRDR SLT 1/4X4 SQ
66-217 SCRDR SLT 5/16X6 SQ
66-220 SCRDR SLT 3/8X8 SQ
66-226 SCRDR SLT 7/16X12 SQ
66-232 SCRDR SLT 1/4X1-1/2 SQ
66-831 NUT DR 5MM HOLL SHFT
66-832 NUT DR 5.5MM HOLL SHFT
66-833 NUT DR 6MM HOLL SHFT
66-834 NUT DR 7MM HOLL SHFT
66-835 NUT DR 8MM HOLL SHFT
66-836 NUT DR 9MM HOLL SHFT
66-837 NUT DR 10MM HOLL SHFT
67-067 PLR LNMN 8-1/2 W/GRP
67-109 PLR DIAG CUT 7 HD W/GRP
67-161 PLR DIAG CUT 6-3/8 W/GRP
67-305 PLR CHN NSE 6-1/3 SD CUT W/GRP
67-357 PLR NDL NSE 5-7/16 W/GRP
67-401 PLR NDL NSE 5-7/8 CURV W/GRP
67-503 PLR DKBL 8 W/GRP
67-535 PLR END CUT 7-3/8 W/GRP
67-669 PLR SLP JNT 8 W/GRP
67-779 PLR TNG&GRV 10 W/GRP
67-901 PLR WIRE STRPR CRMP CUT 8-1/4
68-065 SET RET RNG PLR LIGHT DUTY
68-241 SNIPS MINI 6-1/2
68-255 SNIPS AVN 10 STRT
68-310 KNFE UTIL RETRACT
68-445 TP MEAS 1X25 LCK AUTO
69-448 HMR BLL PN 1LB WD HDL
69-452 HMR BLL PN 2LB WD HDL
69-532 HMR DEAD BLOW STD 21OZ
70-000 PUNCH & CHISEL HOLDER
70-103 PNCH PIN 3/32 TIP
70-105 PNCH PIN 1/8 TIP
70-109 PNCH PIN 3/16 TIP
70-153 PNCH START 1/16 TIP
70-157 PNCH START 1/8 TIP
70-161 PNCH START 3/16 TIP
70-235 PNCH CNTR 3/8
70-303 CHSL CLD 5/16 TIP
70-307 CHSL CLD 7/16 TIP
70-309 CHSL CLD 1/2 TIP
70-393 CHSL CAPE 7/32 TIP
70-421 CHSL DIA PT 3/16 TIP
70-503 ALIGNING BAR PINCH 5/8X16
70-519 CHSL BAR ROLL1/2X15
70-865 HCKS FLT FRM
70-950 SCR EXTR 1/8
70-952 SCR EXTR 3/16
70-954 SCR EXTR 15/64
70-956 SCR EXTR 5/16
70-958 SCR EXTR 3/8
73-010 WR PIPE 10 HD
78-404 C-CL THRT DP 4 STD SCR BLK
67-407 7" LOCKING PLIERS

ARMSTRONG INDUSTRIAL HAND TOOLS

Master Set Contents

Set 44-022 138 Pc. Metric Basic Set - Tools Only

10-921	EXTEN 1/4DR 2	37-011	SKT 1/4DR 6PT 11MM	38-315	SKT 3/8DR 12PT 15MM DP	52-210	WR COMB 12PT LNG 10MM FP	67-901	PLR WIRE STRPR CRMP CUT 8-1/4
10-923	EXTEN 1/4DR 6	37-012	SKT 1/4DR 6PT 12MM	38-316	SKT 3/8DR 12PT 16MM DP	52-211	WR COMB 12PT LNG 11MM FP	68-065	SET RET RNG PLR LIGHT DUTY
10-943	HDL SPIN 1/4DR 6	37-013	SKT 1/4DR 6PT 13MM	38-317	SKT 3/8DR 12PT 17MM DP	52-212	WR COMB 12PT LNG 12MM FP	68-255	SNIPS AVN 10 STRT
10-947	UNV JNT 1/4DR	37-014	SKT 1/4DR 6PT 14MM	38-318	SKT 3/8DR 12PT 18MM DP	52-213	WR COMB 12PT LNG 13MM FP	68-310	KNFE UTIL RETRACT
10-972	RAT 1/4DR 5-9/32 REPL 10-903	37-083	SKT 1/4DR 6PT 5.5MM	38-319	SKT 3/8DR 12PT 19MM DP	52-214	WR COMB 12PT LNG 14MM FP	69-448	HMR BLL PN 1LB WD HDL
67-410	10" LOCKING PLIERS	38-106	SKT 3/8DR 12PT 6MM	39-110	SKT 1/2DR 12PT 10MM	52-215	WR COMB 12PT LNG 15MM FP	69-532	HMR DEAD BLOW STD 21OZ
11-918	HDL FLX 3/8DR 8-1/2	38-107	SKT 3/8DR 12PT 7MM	39-111	SKT 1/2DR 12PT 11MM	52-216	WR COMB 12PT LNG 16MM FP	70-000	PUNCH & CHISEL HOLDER
11-922	EXTEN 3/8DR 3	38-108	SKT 3/8DR 12PT 8MM	39-112	SKT 1/2DR 12PT 12MM	52-217	WR COMB 12PT LNG 17MM FP	70-103	PNCH PIN 3/32 TIP
11-927	EXTEN 3/8DR 12	38-109	SKT 3/8DR 12PT 9MM	39-113	SKT 1/2DR 12PT 13MM	52-218	WR COMB 12PT LNG 18MM FP	70-105	PNCH PIN 1/8 TIP
11-935	HDL SPD 3/8DR 16-1/2	38-110	SKT 3/8DR 12PT 10MM	39-114	SKT 1/2DR 12PT 14MM	52-219	WR COMB 12PT LNG 19MM FP	70-109	PNCH PIN 3/16 TIP
11-947	UNV JNT 3/8DR	38-111	SKT 3/8DR 12PT 11MM	39-115	SKT 1/2DR 12PT 15MM	52-220	WR COMB 12PT LNG 20MM FP	70-153	PNCH START 1/16 TIP
11-972	RAT 3/8DR 7-3/8 REPL 11-903	38-112	SKT 3/8DR 12PT 12MM	39-116	SKT 1/2DR 12PT 16MM	52-221	WR COMB 12PT LNG 21MM FP	70-157	PNCH START 1/8 TIP
12-918	HDL FLX 1/2DR 17	38-113	SKT 3/8DR 12PT 13MM	39-117	SKT 1/2DR 12PT 17MM	56194	9 PC METRIC BALL PLUS SET	70-161	PNCH START 3/16 TIP
12-923	EXTEN 1/2DR 5	38-114	SKT 3/8DR 12PT 14MM	39-118	SKT 1/2DR 12PT 18MM	66-102	SCRDR SLT 1/4X4	70-235	PNCH CNTR 3/8
12-924	EXTEN 1/2DR 10	38-115	SKT 3/8DR 12PT 15MM	39-119	SKT 1/2DR 12PT 19MM	66-103	SCRDR SLT 5/16X6	70-303	CHSL CLD 5/16 TIP
12-947	UNV JNT 1/2DR	38-116	SKT 3/8DR 12PT 16MM	39-120	SKT 1/2DR 12PT 20MM	66-153	SCRDR PHLP #1X3	70-307	CHSL CLD 7/16 TIP
12-972	RAT 1/2DR 10-1/2 REPL 12-903	38-117	SKT 3/8DR 12PT 17MM	39-121	SKT 1/2DR 12PT 21MM	66-156	SCRDR PHLP #2X4	70-309	CHSL CLD 1/2 TIP
28-406	WR ADJ 6	38-118	SKT 3/8DR 12PT 18MM	39-122	SKT 1/2DR 12PT 22MM	66-161	SCRDR PHLP #3X6	70-393	CHSL CAPE 7/32 TIP
28-410	WR ADJ 10	38-119	SKT 3/8DR 12PT 19MM	39-123	SKT 1/2DR 12PT 23MM	66-261	SCRDR CAB 3/16X3	70-421	CHSL DIA PT 3/16 TIP
37-004	SKT 1/4DR 6PT 4MM	38-308	SKT 3/8DR 12PT 8MM DP	39-124	SKT 1/2DR 12PT 24MM	66-262	SCRDR CAB 3/16X4	70-865	HCKS FLT FRM
37-005	SKT 1/4DR 6PT 5MM	38-309	SKT 3/8DR 12PT 9MM DP	39-125	SKT 1/2DR 12PT 25MM	66-265	SCRDR CAB 3/16X5	70-950	SCR EXTR 1/8
37-006	SKT 1/4DR 6PT 6MM	38-310	SKT 3/8DR 12PT 10MM DP	39-126	SKT 1/2DR 12PT 26MM	67-067	PLR LNMN 8-1/2 W/GRP	70-952	SCR EXTR 3/16
37-007	SKT 1/4DR 6PT 7MM	38-311	SKT 3/8DR 12PT 11MM DP	485	GASKET SCRAPER	67-109	PLR DIAG CUT 7 HD W/GRP	70-954	SCR EXTR 15/64
37-008	SKT 1/4DR 6PT 8MM	38-312	SKT 3/8DR 12PT 12MM DP	52-207	WR COMB 12PT LNG 7MM FP	67-305	PLR CHN NSE 6-1/3 SD CUT W/GRP	70-956	SCR EXTR 5/16
37-009	SKT 1/4DR 6PT 9MM	38-313	SKT 3/8DR 12PT 13MM DP	52-208	WR COMB 12PT LNG 8MM FP	67-669	PLR SLP JNT 8 W/GRP	70-958	SCR EXTR 3/8
37-010	SKT 1/4DR 6PT 10MM	38-314	SKT 3/8DR 12PT 14MM DP	52-209	WR COMB 12PT LNG 9MM FP	67-779	PLR TNG&GRV 10 W/GRP	67-407	7" LOCKING PLIERS

Set 44-027 158 Pc. Metric Intermediate Set - Tools Only

67-410	10" LOCKING PLIERS	38-310	SKT 3/8DR 12PT 10MM DP	39-123	SKT 1/2DR 12PT 23MM	52-218	WR COMB 12PT LNG 18MM FP	67-535	PLR END CUT 7-3/8 W/GRP
11-918	HDL FLX 3/8DR 8-1/2	38-311	SKT 3/8DR 12PT 11MM DP	39-124	SKT 1/2DR 12PT 24MM	52-219	WR COMB 12PT LNG 19MM FP	67-669	PLR SLP JNT 8 W/GRP
11-922	EXTEN 3/8DR 3	38-312	SKT 3/8DR 12PT 12MM DP	39-125	SKT 1/2DR 12PT 25MM	52-220	WR COMB 12PT LNG 20MM FP	67-779	PLR TNG&GRV 10 W/GRP
11-923	EXTEN 3/8DR 6	38-313	SKT 3/8DR 12PT 13MM DP	39-126	SKT 1/2DR 12PT 26MM	52-221	WR COMB 12PT LNG 21MM FP	67-901	PLR WIRE STRPR CRMP CUT 8-1/4
11-947	UNV JNT 3/8DR	38-314	SKT 3/8DR 12PT 14MM DP	39-316	SKT 1/2DR 12PT 16MM DP	52-222	WR COMB 12PT LNG 22MM FP	68-065	SET RET RNG PLR LIGHT DUTY
11-972	RAT 3/8DR 7-3/8 REPL 11-903	38-315	SKT 3/8DR 12PT 15MM DP	39-317	SKT 1/2DR 12PT 17MM DP	52-223	WR COMB 12PT LNG 23MM FP	68-255	SNIPS AVN 10 STRT
12-918	HDL FLX 1/2DR 17	38-316	SKT 3/8DR 12PT 16MM DP	39-318	SKT 1/2DR 12PT 18MM DP	52-224	WR COMB 12PT LNG 24MM FP	69-448	HMR BLL PN 1LB WD HDL
12-921	EXTEN 1/2DR 2-1/2	38-317	SKT 3/8DR 12PT 17MM DP	39-319	SKT 1/2DR 12PT 19MM DP	53-022	WR OE 8X9MM FP	69-532	HMR DEAD BLOW STD 21OZ
12-923	EXTEN 1/2DR 5	38-318	SKT 3/8DR 12PT 18MM DP	39-320	SKT 1/2DR 12PT 20MM DP	53-034	WR OE 10X11MM FP	70-000	PUNCH & CHISEL HOLDER
12-924	EXTEN 1/2DR 10	38-319	SKT 3/8DR 12PT 19MM DP	39-321	SKT 1/2DR 12PT 21MM DP	53-052	WR OE 12X13MM FP	70-103	PNCH PIN 3/32 TIP
12-935	HDL SPD 1/2DR 19	38-707	SKT 3/8DR HEX BIT 4MM	39-322	SKT 1/2DR 12PT 22MM DP	53-067	WR OE 14X15MM FP	70-105	PNCH PIN 1/8 TIP
12-947	UNV JNT 1/2DR	38-709	SKT 3/8DR HEX BIT 5MM	39-323	SKT 1/2DR 12PT 23MM DP	53-082	WR OE 16X17MM FP	70-109	PNCH PIN 3/16 TIP
12-972	RAT 1/2DR 10-1/2 REPL 12-903	38-711	SKT 3/8DR HEX BIT 6MM	39-324	SKT 1/2DR 12PT 24MM DP	53-096	WR OE 18X19MM FP	70-153	PNCH START 1/16 TIP
28-406	WR ADJ 6	38-712	SKT 3/8DR HEX BIT 7MM	39-325	SKT 1/2DR 12PT 25MM DP	56194	9 PC METRIC BALL PLUS SET	70-157	PNCH START 1/8 TIP
28-410	WR ADJ 10	38-713	SKT 3/8DR HEX BIT 8MM	39-326	SKT 1/2DR 12PT 26MM DP	66-150	SCRDR PHLP #2X1-1/2	70-161	PNCH START 3/16 TIP
28-412	WR ADJ 12	38-714	SKT 3/8DR HEX BIT 9MM	39-717	SKT 1/2DR HEX BIT 12MM	66-152	SCRDR PHLP #0X2-1/2	70-235	PNCH CNTR 3/8
38-108	SKT 3/8DR 12PT 8MM	38-715	SKT 3/8DR HEX BIT 10MM	39-719	SKT 1/2DR HEX BIT 14MM	66-153	SCRDR PHLP #1X3	70-303	CHSL CLD 5/16 TIP
38-109	SKT 3/8DR 12PT 9MM	39-110	SKT 1/2DR 12PT 10MM	39-722	SKT 1/2DR HEX BIT 17MM	66-156	SCRDR PHLP #2X4	70-307	CHSL CLD 7/16 TIP
38-110	SKT 3/8DR 12PT 10MM	39-111	SKT 1/2DR 12PT 11MM	485	GASKET SCRAPER	66-161	SCRDR PHLP #3X6	70-309	CHSL CLD 1/2 TIP
38-111	SKT 3/8DR 12PT 11MM	39-112	SKT 1/2DR 12PT 12MM	52-207	WR COMB 12PT LNG 7MM FP	66-164	SCRDR PHLP #4X8	70-393	CHSL CAPE 7/32 TIP
38-112	SKT 3/8DR 12PT 12MM	39-113	SKT 1/2DR 12PT 13MM	52-208	WR COMB 12PT LNG 8MM FP	66-203	SCRDR SLT 3/16X4 SQ	70-421	CHSL DIA PT 3/16 TIP
38-113	SKT 3/8DR 12PT 13MM	39-114	SKT 1/2DR 12PT 14MM	52-209	WR COMB 12PT LNG 9MM FP	66-208	SCRDR SLT 1/4X4 SQ	70-503	ALIGNING BAR PINCH 5/8X16
38-114	SKT 3/8DR 12PT 14MM	39-115	SKT 1/2DR 12PT 15MM	52-210	WR COMB 12PT LNG 10MM FP	66-217	SCRDR SLT 5/16X6 SQ	70-519	CHSL BAR ROLL1/2X15
38-115	SKT 3/8DR 12PT 15MM	39-116	SKT 1/2DR 12PT 16MM	52-211	WR COMB 12PT LNG 11MM FP	66-220	SCRDR SLT 3/8X8 SQ	70-865	HCKS FLT FRM
38-116	SKT 3/8DR 12PT 16MM	39-117	SKT 1/2DR 12PT 17MM	52-212	WR COMB 12PT LNG 12MM FP	66-226	SCRDR SLT 7/16X12 SQ	70-950	SCR EXTR 1/8
38-117	SKT 3/8DR 12PT 17MM	39-118	SKT 1/2DR 12PT 18MM	52-213	WR COMB 12PT LNG 13MM FP	66-232	SCRDR SLT 1/4X1-1/2 SQ	70-952	SCR EXTR 3/16
38-118	SKT 3/8DR 12PT 18MM	39-119	SKT 1/2DR 12PT 19MM	52-214	WR COMB 12PT LNG 14MM FP	67-067	PLR LNMN 8-1/2 W/GRP	70-954	SCR EXTR 15/64
38-119	SKT 3/8DR 12PT 19MM	39-120	SKT 1/2DR 12PT 20MM	52-215	WR COMB 12PT LNG 15MM FP	67-109	PLR DIAG CUT 7 HD W/GRP	70-956	SCR EXTR 5/16
38-308	SKT 3/8DR 12PT 8MM DP	39-121	SKT 1/2DR 12PT 21MM	52-216	WR COMB 12PT LNG 16MM FP	67-161	PLR DIAG CUT 6-3/8 W/GRP	70-958	SCR EXTR 3/8
38-309	SKT 3/8DR 12PT 9MM DP	39-122	SKT 1/2DR 12PT 22MM	52-217	WR COMB 12PT LNG 17MM FP	67-305	PLR CHN NSE 6-1/3 SD CUT W/GRP	67-407	7" LOCKING PLIERS

Set 44-031 99 Pc. Metric Basic Set - Tools Only

11-918	HDL FLX 3/8DR 8-1/2	38-112	SKT 3/8DR 12PT 12MM	39-121	SKT 1/2DR 12PT 21MM	52-219	WR COMB 12PT LNG 19MM FP	70-000	PUNCH & CHISEL HOLDER
11-922	EXTEN 3/8DR 3	38-113	SKT 3/8DR 12PT 13MM	39-122	SKT 1/2DR 12PT 22MM	52-220	WR COMB 12PT LNG 20MM FP	70-103	PNCH PIN 3/32 TIP
11-927	EXTEN 3/8DR 12	38-114	SKT 3/8DR 12PT 14MM	39-123	SKT 1/2DR 12PT 23MM	52-221	WR COMB 12PT LNG 21MM FP	70-105	PNCH PIN 1/8 TIP
11-935	HDL SPD 3/8DR 16-1/2	38-115	SKT 3/8DR 12PT 15MM	39-124	SKT 1/2DR 12PT 24MM	56194	9 PC METRIC BALL PLUS SET	70-109	PNCH PIN 3/16 TIP
11-947	UNV JNT 3/8DR	38-116	SKT 3/8DR 12PT 16MM	39-125	SKT 1/2DR 12PT 25MM	66-102	SCRDR SLT 1/4X4	70-153	PNCH START 1/16 TIP
11-972	RAT 3/8DR 7-3/8 REPL 11-903	38-117	SKT 3/8DR 12PT 17MM	39-126	SKT 1/2DR 12PT 26MM	66-103	SCRDR SLT 5/16X6	70-157	PNCH START 1/8 TIP
12-918	HDL FLX 1/2DR 17	38-118	SKT 3/8DR 12PT 18MM	485	GASKET SCRAPER	66-153	SCRDR PHLP #1X3	70-161	PNCH START 3/16 TIP
12-923	EXTEN 1/2DR 5	38-119	SKT 3/8DR 12PT 19MM	52-207	WR COMB 12PT LNG 7MM FP	66-156	SCRDR PHLP #2X4	70-235	PNCH CNTR 3/8
12-924	EXTEN 1/2DR 10	39-110	SKT 1/2DR 12PT 10MM	52-208	WR COMB 12PT LNG 8MM FP	66-161	SCRDR PHLP #3X6	70-303	CHSL CLD 5/16 TIP
12-947	UNV JNT 1/2DR	39-111	SKT 1/2DR 12PT 11MM	52-209	WR COMB 12PT LNG 9MM FP	66-261	SCRDR CAB 3/16X3	70-307	CHSL CLD 7/16 TIP
12-972	RAT 1/2DR 10-1/2 REPL 12-903	39-112	SKT 1/2DR 12PT 12MM	52-210	WR COMB 12PT LNG 10MM FP	66-262	SCRDR CAB 3/16X4	70-309	CHSL CLD 1/2 TIP
28-406	WR ADJ 6	39-113	SKT 1/2DR 12PT 13MM	52-211	WR COMB 12PT LNG 11MM FP	66-265	SCRDR CAB 3/16X5	70-393	CHSL CAPE 7/32 TIP
28-410	WR ADJ 10	39-114	SKT 1/2DR 12PT 14MM	52-212	WR COMB 12PT LNG 12MM FP	67-109	PLR DIAG CUT 7 HD W/GRP	70-421	CHSL DIA PT 3/16 TIP
38-106	SKT 3/8DR 12PT 6MM	39-115	SKT 1/2DR 12PT 15MM	52-213	WR COMB 12PT LNG 13MM FP	67-305	PLR CHN NSE 6-1/3 SD CUT W/GRP	70-865	HCKS FLT FRM
38-107	SKT 3/8DR 12PT 7MM	39-116	SKT 1/2DR 12PT 16MM	52-214	WR COMB 12PT LNG 14MM FP	67-669	PLR SLP JNT 8 W/GRP	67-407	7" LOCKING PLIERS
38-108	SKT 3/8DR 12PT 8MM	39-117	SKT 1/2DR 12PT 17MM	52-215	WR COMB 12PT LNG 15MM FP	67-779	PLR TNG&GRV 10 W/GRP		
38-109	SKT 3/8DR 12PT 9MM	39-118	SKT 1/2DR 12PT 18MM	52-216	WR COMB 12PT LNG 16MM FP	68-255	SNIPS AVN 10 STRT		
38-110	SKT 3/8DR 12PT 10MM	39-119	SKT 1/2DR 12PT 19MM	52-217	WR COMB 12PT LNG 17MM FP	69-448	HMR BLL PN 1LB WD HDL		
38-111	SKT 3/8DR 12PT 11MM	39-120	SKT 1/2DR 12PT 20MM	52-218	WR COMB 12PT LNG 18MM FP	69-532	HMR DEAD BLOW STD 21OZ		

Set 44-036 77 Pc. Metric Basic Set - Tools Only

12-918	HDL FLX 1/2DR 17	39-119	SKT 1/2DR 12PT 19MM	39-324	SKT 1/2DR 12PT 24MM DP	52-219	WR COMB 12PT LNG 19MM FP	69-448	HMR BLL PN 1LB WD HDL
12-923	EXTEN 1/2DR 5	39-120	SKT 1/2DR 12PT 20MM	39-325	SKT 1/2DR 12PT 25MM DP	52-220	WR COMB 12PT LNG 20MM FP	69-532	HMR DEAD BLOW STD 21OZ
12-924	EXTEN 1/2DR 10	39-121	SKT 1/2DR 12PT 21MM	39-326	SKT 1/2DR 12PT 26MM DP	52-221	WR COMB 12PT LNG 21MM FP	70-105	PNCH PIN 1/8 TIP
12-972	RAT 1/2DR 10-1/2 REPL 12-903	39-122	SKT 1/2DR 12PT 22MM	52-207	WR COMB 12PT LNG 7MM FP	56070	7 PC FOLD UP	70-109	PNCH PIN 3/16 TIP
28-408	WR ADJ 8	39-123	SKT 1/2DR 12PT 23MM	52-208	WR COMB 12PT LNG 8MM FP	66-153	SCRDR PHLP #1X3	70-197	PNCH DRFT 1/4 TIP
28-412	WR ADJ 12	39-124	SKT 1/2DR 12PT 24MM	52-209	WR COMB 12PT LNG 9MM FP	66-156	SCRDR PHLP #2X4	70-235	PNCH CNTR 3/8
39-110	SKT 1/2DR 12PT 10MM	39-125	SKT 1/2DR 12PT 25MM	52-210	WR COMB 12PT LNG 10MM FP	66-161	SCRDR PHLP #3X6	70-239	PNCH CNTR 1/2
39-111	SKT 1/2DR 12PT 11MM	39-126	SKT 1/2DR 12PT 26MM	52-211	WR COMB 12PT LNG 11MM FP	66-208	SCRDR SLT 1/4X4 SQ	70-305	CHSL CLD 3/8 TIP
39-112	SKT 1/2DR 12PT 12MM	39-316	SKT 1/2DR 12PT 16MM DP	52-212	WR COMB 12PT LNG 12MM FP	66-217	SCRDR SLT 5/16X6 SQ	70-309	CHSL CLD 1/2 TIP
39-113	SKT 1/2DR 12PT 13MM	39-317	SKT 1/2DR 12PT 17MM DP	52-213	WR COMB 12PT LNG 13MM FP	66-220	SCRDR SLT 3/8X8 SQ	70-313	CHSL CLD 3/4 TIP
39-114	SKT 1/2DR 12PT 14MM	39-318	SKT 1/2DR 12PT 18MM DP	52-214	WR COMB 12PT LNG 14MM FP	66-232	SCRDR SLT 1/4X1-1/2 SQ	67-407	7" LOCKING PLIERS
39-115	SKT 1/2DR 12PT 15MM	39-319	SKT 1/2DR 12PT 19MM DP	52-215	WR COMB 12PT LNG 15MM FP	67-109	PLR DIAG CUT 7 HD W/GRP		
39-116	SKT 1/2DR 12PT 16MM	39-320	SKT 1/2DR 12PT 20MM DP	52-216	WR COMB 12PT LNG 16MM FP	67-305	PLR CHN NSE 6-1/3 SD CUT W/GRP		
39-117	SKT 1/2DR 12PT 17MM	39-321	SKT 1/2DR 12PT 21MM DP	52-217	WR COMB 12PT LNG 17MM FP	67-669	PLR SLP JNT 8 W/GRP		
39-118	SKT 1/2DR 12PT 18MM	39-322	SKT 1/2DR 12PT 22MM DP	52-218	WR COMB 12PT LNG 18MM FP	67-779	PLR TNG&GRV 10 W/GRP		

Set 44-041 67 Pc. Metric Basic Set - Tools Only

11-918	HDL FLX 3/8DR 8-1/2	38-114	SKT 3/8DR 12PT 14MM	38-315	SKT 3/8DR 12PT 15MM DP	52-215	WR COMB 12PT LNG 15MM FP	69-530	HMR DEAD BLOW STD 10OZ
11-922	EXTEN 3/8DR 3	38-115	SKT 3/8DR 12PT 15MM	38-316	SKT 3/8DR 12PT 16MM DP	56070	7 PC FOLD UP	70-105	PNCH PIN 1/8 TIP
11-923	EXTEN 3/8DR 6	38-116	SKT 3/8DR 12PT 16MM	38-317	SKT 3/8DR 12PT 17MM DP	66-153	SCRDR PHLP #1X3	70-109	PNCH PIN 3/16 TIP
11-947	UNV JNT 3/8DR	38-117	SKT 3/8DR 12PT 17MM	38-318	SKT 3/8DR 12PT 18MM DP	66-156	SCRDR PHLP #2X4	70-193	PNCH DRFT 3/16 TIP
11-972	RAT 3/8DR 7-3/8 REPL 11-903	38-118	SKT 3/8DR 12PT 18MM	38-319	SKT 3/8DR 12PT 19MM DP	66-208	SCRDR SLT 1/4X4 SQ	70-235	PNCH CNTR 3/8
28-406	WR ADJ 6	38-119	SKT 3/8DR 12PT 19MM	52-207	WR COMB 12PT LNG 7MM FP	66-217	SCRDR SLT 5/16X6 SQ	70-239	PNCH CNTR 1/2
28-410	WR ADJ 10	38-308	SKT 3/8DR 12PT 8MM DP	52-208	WR COMB 12PT LNG 8MM FP	66-220	SCRDR SLT 3/8X8 SQ	70-305	CHSL CLD 3/8 TIP
38-108	SKT 3/8DR 12PT 8MM	38-309	SKT 3/8DR 12PT 9MM DP	52-209	WR COMB 12PT LNG 9MM FP	67-109	PLR DIAG CUT 7 HD W/GRP	70-309	CHSL CLD 1/2 TIP
38-109	SKT 3/8DR 12PT 9MM	38-310	SKT 3/8DR 12PT 10MM DP	52-210	WR COMB 12PT LNG 10MM FP	67-305	PLR CHN NSE 6-1/3 SD CUT	70-313	CHSL CLD 3/4 TIP
38-110	SKT 3/8DR 12PT 10MM	38-311	SKT 3/8DR 12PT 11MM DP	52-211	WR COMB 12PT LNG 11MM FP		W/GRP	67-407	7" LOCKING PLIERS
38-111	SKT 3/8DR 12PT 11MM	38-312	SKT 3/8DR 12PT 12MM DP	52-212	WR COMB 12PT LNG 12MM FP	67-669	PLR SLP JNT 8 W/GRP		
38-112	SKT 3/8DR 12PT 12MM	38-313	SKT 3/8DR 12PT 13MM DP	52-213	WR COMB 12PT LNG 13MM FP	67-779	PLR TNG&GRV 10 W/GRP		
38-113	SKT 3/8DR 12PT 13MM	38-314	SKT 3/8DR 12PT 14MM DP	52-214	WR COMB 12PT LNG 14MM FP	69-448	HMR BLL PN 1LB WD HDL		

Set 44-047 100 Pc. Metric Heavy Equipment Set - Tools Only

67-410	10" LOCKING PLIERS	38-116	SKT 3/8DR 12PT 16MM	39-124	SKT 1/2DR 12PT 24MM	52-209	WR COMB 12PT LNG 9MM FP	52-246	WR COMB 12PT LNG 46MM
11-922	EXTEN 3/8DR 3	38-117	SKT 3/8DR 12PT 17MM	40-121	SKT 3/4DR 12PT 21MM	52-210	WR COMB 12PT LNG 10MM FP	52-250	WR COMB 12PT LNG 50MM
11-925	EXTEN 3/8DR 8	38-118	SKT 3/8DR 12PT 18MM	40-122	SKT 3/4DR 12PT 22MM	52-211	WR COMB 12PT LNG 11MM FP	66-103	SCRDR SLT 5/16X6
11-935	HDL SPD 3/8DR 16-1/2	38-119	SKT 3/8DR 12PT 19MM	40-123	SKT 3/4DR 12PT 23MM	52-212	WR COMB 12PT LNG 12MM FP	66-106	SCRDR SLT 3/8X8
11-952	ADP 3/8DR 3/8FX1/2M	38-707	SKT 3/8DR HEX BIT 4MM	40-124	SKT 3/4DR 12PT 24MM	52-213	WR COMB 12PT LNG 13MM FP	66-258	SCRDR CAB 1/8X6
11-972	RAT 3/8DR 7-3/8 REPL 11-903	38-709	SKT 3/8DR HEX BIT 5MM	40-127	SKT 3/4DR 12PT 27MM	52-214	WR COMB 12PT LNG 14MM FP	67-163	PLR DIAG CUT 7-1/2 W/GRP
12-924	EXTEN 1/2DR 10	38-711	SKT 3/8DR HEX BIT 6MM	40-128	SKT 3/4DR 12PT 28MM	52-215	WR COMB 12PT LNG 15MM FP	67-305	PLR CHN NSE 6-1/3 SD CUT W/GRP
12-935	HDL SPD 1/2DR 19	38-712	SKT 3/8DR HEX BIT 7MM	40-130	SKT 3/4DR 12PT 30MM	52-216	WR COMB 12PT LNG 16MM FP	67-657	PLR SLP JNT 6-1/2
12-947	UNV JNT 1/2DR	38-713	SKT 3/8DR HEX BIT 8MM	40-132	SKT 3/4DR 12PT 32MM	52-217	WR COMB 12PT LNG 17MM FP	67-779	PLR TNG&GRV 10 W/GRP
12-952	ADP 1/2DR 1/2FX3/4M	38-714	SKT 3/8DR HEX BIT 9MM	40-136	SKT 3/4DR 12PT 36MM	52-218	WR COMB 12PT LNG 18MM FP	69-019	HMR SFT FC NO TIP 2D 2LB (2)
12-972	RAT 1/2DR 10-1/2 REPL 12-903	38-715	SKT 3/8DR HEX BIT 10MM	40-141	SKT 3/4DR 12PT 41MM	52-219	WR COMB 12PT LNG 19MM FP	69-166	HMR TIP 2 MED HD CREAM
13-918	HDL FLX 3/4DR 22	39-113	SKT 1/2DR 12PT 13MM	40-142	SKT 3/4DR 12PT 42MM	52-220	WR COMB 12PT LNG 20MM FP	69-446	HMR BLL PN 12OZ WD HDL
13-923	EXTEN 3/4DR 8	39-114	SKT 1/2DR 12PT 14MM	40-146	SKT 3/4DR 12PT 46MM	52-221	WR COMB 12PT LNG 21MM FP	69-452	HMR BLL PN 2LB WD HDL
13-972	RAT 3/4DR 19	39-115	SKT 1/2DR 12PT 15MM	40-150	SKT 3/4DR 12PT 50MM	52-222	WR COMB 12PT LNG 22MM FP	70-193	PNCH DRFT 3/16 TIP
38-110	SKT 3/8DR 12PT 10MM	39-116	SKT 1/2DR 12PT 16MM	40-155	SKT 3/4DR 12PT 55MM	52-224	WR COMB 12PT LNG 24MM FP	70-201	PNCH DRFT 3/8 TIP
38-111	SKT 3/8DR 12PT 11MM	39-117	SKT 1/2DR 12PT 17MM	40-158	SKT 3/4DR 12PT 58MM	52-226	WR COMB 12PT LNG 26MM FP	70-237	PNCH CTR 7/16
38-112	SKT 3/8DR 12PT 12MM	39-118	SKT 1/2DR 12PT 18MM	40-160	SKT 3/4DR 12PT 60MM	52-228	WR COMB 12PT LNG 28MM FP	70-305	CHSL CLD 3/8 TIP
38-113	SKT 3/8DR 12PT 13MM	39-119	SKT 1/2DR 12PT 19MM	485	GASKET SCRAPER	52-232	WR COMB 12PT LNG 32MM FP	70-313	CHSL CLD 3/4 TIP
38-114	SKT 3/8DR 12PT 14MM	39-121	SKT 1/2DR 12PT 21MM	52-207	WR COMB 12PT LNG 7MM FP	52-236	WR COMB 12PT LNG 36MM	70-519	CHSL BAR ROLL1/2X15
38-115	SKT 3/8DR 12PT 15MM	39-122	SKT 1/2DR 12PT 22MM	52-208	WR COMB 12PT LNG 8MM FP	52-241	WR COMB 12PT LNG 41MM	70-793	SET FEELER GAUGE 25 BLADE

ARMSTRONG INDUSTRIAL HAND TOOLS

Replacement Parts

Pipe Wrench Parts

Product Number	Description
For 73-006 Pipe Wrench	
95-055	Hook Jaw
95-056	Insert Jaw with Pin
95-057	Adjusting Nut
95-058	Spring Assembly
For 73-008 Pipe Wrench	
95-063	Hook Jaw
95-064	Insert Jaw with Pin
95-065	Adjusting Nut
95-066	Spring Assembly
For 73-010 Pipe Wrench	
95-071	Hook Jaw
95-072	Insert Jaw with Pin
95-073	Adjusting Nut
95-074	Spring Assembly
For 73-012 Pipe Wrench	
95-079	Hook Jaw
95-080	Insert Jaw with Pin
95-081	Adjusting Nut
95-082	Spring Assembly
For 73-014 Pipe Wrench	
95-087	Hook Jaw
95-080	Insert Jaw with Pin
95-089	Adjusting Nut
95-090	Spring Assembly
For 73-018 Pipe Wrench	
95-095	Hook Jaw
95-096	Insert Jaw with Pin
95-097	Adjusting Nut
95-098	Spring Assembly
For 73-024 Pipe Wrench	
95-103	Hook Jaw
95-104	Insert Jaw with Pin
95-105	Adjusting Nut
95-106	Spring Assembly
For 73-036 Pipe Wrench	
95-111	Hook Jaw
95-112	Insert Jaw with Pin
95-113	Adjusting Nut
95-114	Spring Assembly
For 73-048 Pipe Wrench	
95-119	Hook Jaw
95-120	Insert Jaw with Pin
95-121	Adjusting Nut
95-122	Spring Assembly

Chain Tong Parts

Product Number	Description
For 73-205 Chain Tong	
95-152	Flat Chain
95-153	Pair of Jaws
95-154	Bolt and Nut Set
For 73-207 Chain Tong	
95-158	Flat Chain
95-159	Pair of Jaws
95-160	Bolt and Nut Set
For 73-209 Chain Tong	
95-164	Flat Chain
95-165	Pair of Jaws
95-166	Bolt and Nut Set
For 73-211 Chain Tong	
95-170	Flat Chain
95-171	Pair of Jaws
95-172	Bolt and Nut Set
For 73-229 Chain Tong	
95-197	Flat Chain
95-198	Pair of Jaws
95-199	Bolt and Nut Set

Chain Tong Parts

Product Number	Description
For 73-231 Chain Tong	
95-203	Flat Chain
95-204	Pair of Jaws
95-205	Bolt and Nut Set
For 73-233 Chain Tong	
95-209	Flat Chain
95-210	Pair of Jaws
95-205	Bolt and Nut Set
For 73-235 Chain Tong	
95-215	Flat Chain
95-216	Pair of Jaws
95-217	Bolt and Nut Set
For 73-237 Chain Tong	
95-221	Flat Chain
95-222	Pair of Jaws
95-223	Bolt and Nut Set

Chain Wrench Parts

Product Number	Description
For 73-295 Chain Wrench	
95-351	Chain with Pin
For 73-299 Chain Wrench	
95-355	Chain with Pin

C-Clamp Parts

Product Number	Description
For 78-000 C-Clamp	
95-375	Standard Length Screw
For 78-010 C-Clamp	
95-377	Standard Length Screw
For 78-015 C-Clamp	
95-379	Standard Length Screw
For 78-020 C-Clamp	
95-381	Standard Length Screw
For 78-021 C-Clamp	
95-383	Full Length Screw
For 78-030 C-Clamp	
95-385	Standard Length Screw
For 78-031 C-Clamp	
95-387	Full Length Screw
For 78-040 C-Clamp	
95-389	Standard Length Screw
For 78-041 C-Clamp	
95-391	Full Length Screw
For 78-050 C-Clamp	
95-393	Standard Length Screw
For 78-051 C-Clamp	
95-395	Full Length Screw
For 78-060 C-Clamp	
95-397	Full Length Screw
For 78-061 C-Clamp	
95-399	Standard Length Screw
For 78-080 C-Clamp	
95-401	Standard Length Screw
For 78-081 C-Clamp	
95-403	Full Length Screw

C-Clamp Parts

Product Number	Description
For 78-090 C-Clamp	
95-401	Standard Length Screw
For 78-091 C-Clamp	
95-405	Full Length Screw
For 78-092 C-Clamp	
95-401	Standard Length Screw
For 78-093 C-Clamp	
95-407	Full Length Screw
For 78-102 C-Clamp	
95-410	Standard Length Screw with Handle
95-411	Swivel Pad
For 78-103 C-Clamp	
95-414	Standard Length Screw with Handle
95-415	Swivel Pad
For 78-104 C-Clamp	
95-418	Standard Length Screw with Handle
95-419	Swivel Pad
For 78-106 C-Clamp	
95-418	Standard Length Screw with Handle
95-419	Swivel Pad
For 78-107 C-Clamp	
95-422	Full Length Screw with Handle
95-419	Swivel Pad
For 78-108 C-Clamp	
95-418	Standard Length Screw with Handle
95-419	Swivel Pad
For 78-109 C-Clamp	
95-424	Full Length Screw with Handle
95-419	Swivel Pad
For 78-110 C-Clamp	
95-418	Standard Length Screw with Handle
95-419	Swivel Pad
For 78-111 C-Clamp	
95-426	Full Length Screw with Handle
95-419	Swivel Pad
For 78-112 C-Clamp	
95-429	Standard Length Screw with Handle
95-430	Swivel Pad
For 78-113 C-Clamp	
95-433	Full Length Screw with Handle
95-430	Swivel Pad
For 78-115 C-Clamp	
95-429	Standard Length Screw with Handle
95-430	Swivel Pad
For 78-116 C-Clamp	
95-435	Full Length Screw with Handle
95-430	Swivel Pad
For 78-118 C-Clamp	
95-429	Standard Length Screw with Handle
95-430	Swivel Pad
For 78-119 C-Clamp	
95-437	Full Length Screw with Handle
95-430	Swivel Pad

Product Number	Description
For 78-303 C-Clamp	
95-458	Standard Length Screw with Handle
95-411	Swivel Pad
For 78-304 C-Clamp	
95-461	Standard Length Screw with Handle
95-415	Swivel Pad
For 78-306 C-Clamp	
95-465	Standard Length Screw with Handle
95-415	Swivel Pad
For 78-308 C-Clamp	
95-468	Standard Length Screw with Handle
95-419	Swivel Pad
For 78-333 C-Clamp	
95-508	Standard Length Screw with Handle
95-505	Swivel Pad
For 78-334 C-Clamp	
95-511	Standard Length Screw with Handle
95-512	Swivel Pad
For 78-336 C-Clamp	
95-515	Standard Length Screw with Handle
95-512	Swivel Pad
For 78-338 C-Clamp	
95-518	Standard Length Screw with Handle
95-519	Swivel Pad
For 78-401, 601 and 631 C-Clamp	
95-450	Standard Length Screw with Handle
95-451	Swivel Pad
For 78-402, 602 and 632 C-Clamp	
95-454	Standard Length Screw with Handle
95-411	Swivel Pad
For 78-403, 603 and 633 C-Clamp	
95-458	Standard Length Screw with Handle
95-411	Swivel Pad
For 78-404, 604 and 634 C-Clamps	
95-461	Standard Length Screw with Handle
95-415	Swivel Pad
For 78-406, 606 and 636 C-Clamp	
95-465	Standard Length Screw with Handle
95-415	Swivel Pad
For 78-408, 608 and 638 C-Clamp	
95-468	Standard Length Screw with Handle
95-419	Swivel Pad
For 78-410, 610 and 640 C-Clamps	
95-468	Standard Length Screw with Handle
95-419	Swivel Pad
For 78-411 C-Clamp	
95-472	Full Length Screw with Handle
95-419	Swivel Pad

Product Number	Description
For 78-412 C-Clamp	
95-475	Standard Length Screw with Handle
95-419	Swivel Pad
For 78-413 C-Clamp	
95-419	Full Length Screw with Handle
95-419	Swivel Pad
For 78-431 C-Clamp	
95-500	Standard Length Screw with Handle
95-501	Swivel Pad
For 78-433 C-Clamp	
95-508	Full Length Screw with Handle
95-505	Swivel Pad
For 78-434 C-Clamp	
95-511	Standard Length Screw with Handle
95-512	Swivel Pad
For 78-436 C-Clamp	
95-515	Standard Length Screw with Handle
95-512	Swivel Pad
For 78-438 C-Clamp	
95-518	Standard Length Screw with Handle
95-519	Swivel Pad
For 78-440 C-Clamp	
95-518	Standard Length **Screw with Handle**
95-519	Swivel Pad
For 78-441 C-Clamp	
95-522	Full Length Screw with Handle
95-519	Swivel Pad
For 78-442 C-Clamp	
95-525	Standard Length Screw with Handle
95-519	Swivel Pad
For 78-443 C-Clamp	
95-529	Full Length Screw with Handle
95-519	Swivel Pad

Decimal Equivalent Chart

ARMSTRONG INDUSTRIAL HAND TOOLS

Decimal Equivalents of Millimeter, Fractional and Number Drill Sizes

1mm = 0.03937 in.
1 cm = 0.3937 in.
1 dm = 3.937 in.
1 m = 39.37 in.
1 in. = 25.4 mm

1 foot = 0.3048 m
1 yd. = 0.9144 m
1 sq. in. = 6.452 sq. cm
1 sq. ft. = 929 sq. cm
1 sq. yd. = 0.8361 sq. m

1 sq. cm = 0.155 sq.in.
1 sq. dm = 15.5 sq. in.
1 sq. m = 1.196 sq. yd.
1 oz. = 31.1035 grams

1 lb. = 373.24 grams
1 qt. = 0.9463 liters (liquid)
1 gal. = 3.7853 liters (liquid)
1 liter = 1.0567 liquid qt.

Millimeter	Dec. Equiv.	Fractional	Number	Millimeter	Dec. Equiv.	Fractional	Number	Millimeter	Dec. Equiv.	Fractional	Number	Millimeter	Dec. Equiv.	Fractional	Number	Millimeter	Dec. Equiv.	Fractional	Number
.1	.0039			1.75	.0689			....	.1570		22	6.8	.2677			10.72	.4219	27/64	..
.15	.0059			....	.0700		50	4.0	.1575			6.9	.2716			11.0	.4330		
.2	.0079			1.8	.0709			....	.1590		21	....	.2720		I	11.11	.4375	7/16	..
.25	.0098			1.85	.0728			....	.1610		20	7.0	.2756			11.5	.4528		
.3	.0118			....	.0730		49	4.1	.1614			....	.2770		J	11.51	.4531	29/64	..
....	.0135		80	1.9	.0748			4.2	.1654			7.1	.2795			11.91	.4687	15/32	..
.35	.0138			....	.0760		48	....	.1660		19	....	.2811		K	12.0	.4724		
....	.0145		79	1.95	.0767			4.25	.1673			7.14	.2812	9/32	..	12.30	.4843	31/64	..
.39	.0156	1/64	..	1.98	.0781	5/64	..	4.3	.1693			7.2	.2835			12.5	.4921		
.4	.0157			....	.0785		47	....	.1695		18	7.25	.2854			12.7	.5000	1/2	..
....	.0160		78	2.0	.0787			4.37	.1719	11/64	..	7.3	.2874			13.0	.5118		
.45	.0177			2.05	.0807			....	.1730		17	....	.2900		L	13.10	.5156	33/64	..
....	.0180		77	....	.0810		46	4.4	.1732			7.4	.2913			13.49	.5312	17/32	..
.5	.0197			....	.0820		45	....	.1770		16	....	.2950		M	13.5	.5315		
....	.0200		76	2.1	.0827			4.5	.1771			7.5	.2953			13.89	.5469	35/64	..
....	.0210		75	2.15	.0846			....	.1800		15	7.54	.2968	19/64	..	14.0	.5512		
.55	.0217			....	.0860		44	4.6	.1811			7.6	.2992			14.29	.5625	9/16	..
....	.0225		74	2.2	.0866			....	.1820		14	....	.3020		N	14.5	.5709		
.6	.0236			2.25	.0885			4.7	.1850		13	7.7	.3031			14.68	.5781	37/64	..
....	.0240		73	....	.0890		43	4.75	.1870			7.75	.3051			15.0	.5906		
....	.0250		72	2.3	.0905			4.76	.1875	3/16	..	7.8	.3071			15.08	.5937	19/32	..
.65	.0256			2.35	.0925			4.8	.1890		12	7.9	.3110			15.48	.6094	39/64	..
....	.0260		71	....	.0935		42	....	.1910		11	7.94	.3125	5/16	..	15.5	.6102		
....	.0280		70	2.38	.0937	3/32	..	4.9	.1929			8.0	.3150			15.88	.6250	5/8	..
.7	.0286			2.4	.0945			....	.1935		10	....	.3160		O	16.0	.6299		
....	.0292		69	....	.0960		41	....	.1960		9	8.1	.3189			16.27	.6406	41/64	..
.75	.0295			2.45	.0964			5.0	.1968			8.2	.3228			16.5	.6496		
....	.0310		68	....	.0980		40	....	.1990		8	....	.3230		P	16.67	.6562	21/32	..
.79	.0312	1/32	..	2.5	.0984			5.1	.2008			8.25	.3248			17.0	.6693		
.8	.0315			....	.0995		39	....	.2010		7	8.3	.3268			17.06	.6719	43/64	..
....	.0320		67	....	.1015		38	5.16	.2031	13/64	..	8.33	.3281	21/64	..	17.46	.6875	11/16	..
....	.0330		66	2.6	.1024			....	.2040		6	8.4	.3307			17.5	.6890		
.85	.0335			....	.1040		37	5.2	.2047			....	.3320		Q	17.86	.7031	45/64	..
....	.0350		65	2.7	.1063			....	.2055		5	8.5	.3346			18.0	.7087		
.9	.0354			....	.1065		36	5.25	.2067			8.6	.3386			18.26	.7187	23/32	..
....	.0360		64	2.75	.1082			5.3	.2086			....	.3390		R	18.5	.7283		
....	.0370		63	2.78	.1094	7/64	..	....	.2090		4	8.7	.3425			18.65	.7344	47/64	..
.95	.0374			....	.1100		35	5.4	.2126			8.73	.3437	11/32	..	19.0	.7480		
....	.0380		62	2.8	.1102			....	.2130		3	8.75	.3445			19.05	.7500	3/4	..
....	.0390		61	....	.1110		34	5.5	.2165			8.8	.3465			19.45	.7656	49/64	..
1.0	.0394			....	.1130		33	5.56	.2187	7/32	..	....	.3480		S	19.5	.7677		
....	.0400		60	2.9	.1141			5.6	.2205			8.9	.3504			19.84	.7812	25/32	..
....	.0410		59	....	.1160		32	....	.2210		2	9.0	.3543			20.0	.7874		
1.05	.0413			3.0	.1181			5.7	.2244			....	.3580		T	20.24	.7969	51/64	..
....	.0420		58	....	.1200		31	5.75	.2263			9.1	.3583			20.5	.8071		
....	.0430		57	3.1	.1220			....	.2280		1	9.13	.3594	23/64	..	20.64	.8125	13/16	..
1.1	.0433			3.18	.1250	1/8	..	5.8	.2283			9.2	.3622			21.0	.8268		
1.15	.0452			3.2	.1260			5.9	.2323			9.25	.3641			21.03	.8281	53/64	..
....	.0465		56	3.25	.1279			....	.2340		A	9.3	.3661			21.43	.8437	27/32	..
1.19	.0469	3/64	..	....	.1285		30	5.95	.2344	15/64	..	....	.3680		U	21.5	.8465		
1.2	.0472			3.3	.1299			6.0	.2362			9.4	.3701			21.83	.8594	55/64	..
1.25	.0492			3.4	.1338			....	.2380		B	9.5	.3740			22.0	.8661		
1.3	.0512			....	.1360		29	6.1	.2401			9.53	.3750	3/8	..	22.23	.8750	7/8	..
....	.0520		55	3.5	.1378			....	.2420		C	....	.3770		V	22.5	.8858		
1.35	.0531			....	.1405		28	6.2	.2441			9.6	.3780			22.62	.8906	57/64	..
....	.0550		54	3.57	.1406	9/64	..	6.25	.2460		D	9.7	.3819			23.0	.9055		
1.4	.0551			3.6	.1417			6.3	.2480			9.75	.3838			23.02	.9062	29/32	..
1.45	.0570			....	.1440		27	6.35	.2500	1/4	E	9.8	.3858			23.42	.9219	59/64	..
1.5	.0591			3.7	.1457			6.4	.2520			....	.3860		W	23.5	.9252		
....	.0595		53	....	.1470		26	6.5	.2559			9.9	.3898			23.81	.9375	15/16	..
1.55	.0610			3.75	.1476			....	.2570		F	9.92	.3906	25/64	..	24.0	.9449		
1.59	.0625	1/16	..	....	.1495		25	6.6	.2598			10.0	.3937			24.21	.9531	61/64	..
1.6	.0629			3.8	.1496			....	.2610		G	....	.3970		X	24.5	.9646		
....	.0635		52	....	.1520		24	6.7	.2638			....	.4040		Y	24.61	.9687	31/32	..
1.65	.0649			3.9	.1535			6.75	.2656	17/64	..	10.32	.4062	13/32	..	25.0	.9843		
1.7	.0669			....	.1540		23	6.75	.2657			....	.4130		Z	25.03	.9844	63/64	..
....	.0670		51	3.97	.1562	5/32	..	....	.2660		H	10.5	.4134			25.4	1.0000	1	..

ARMSTRONG INDUSTRIAL HAND TOOLS

Wrench Sizing Charts

Standard Wrench Sizing Charts

NOMINAL OPENING SIZES OF ARMSTRONG WRENCHES OR SOCKETS IN INCHES TO FIT STANDARD BOLT HEADS, NUTS AND SCREW HEADS

BOLTS - SCREWS										NUTS						
WRENCH OR SOCKET SIZE		SQUARE AND HEX BOLTS, CAP SCREWS & SQUARE & HEX LAG SCREWS	HEAVY HEX BOLTS & SCREWS	HEX FLANGE SCREWS	TAPPING SCREWS	HEX WASHER HEAD TAPPING SCREWS	HEX HEAD MACHINE SCREWS	HEX WASHER HEAD MACHINE SCREWS	SQUARE HEAD SET SCREWS	SQUARE NUTS & HEAVY SQUARE NUTS	TRACK, HEAVY HEX & SQUARE, FLAT AND JAM NUTS	SQUARE MACHINE SCREW NUT	HEX NUTS & FLAT CSTLE. SLOTTED AND HAM HEX NUT	HEX FLANGE NUTS	TRACK BOLT NUTS	SIZE HEX LOCK NUTS
ACROSS FLATS	DECIMAL EQUIV.															
1/8	0.1250	–	–	–	#1&2	#2&3	#1&2	#1&2	–	–	–	–	–	–	–	–
5/332	0.1562	–	–	–	–	–	–	–	–	–	–	#0&1	–	–	–	–
3/16	0.1875	–	–	–	#3,4,5	#3,4,5	#3,4,5	#3,4,5	#10	–	–	#2&3	–	–	–	–
1/4	0.2500	–	–	–	#6,7,8	#6,7,8	#6&8	#6&8	1/4	–	–	#4	–	–	–	#4
9/32	0.2812	#10	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5/16	0.3125	–	–	–	#10&12	#10&12	#10&12	#10&12	5/16	–	–	#5&6	–	#6	–	#6
11/32	0.3438	–	–	–	–	–	–	–	–	–	–	#8	–	#8	–	#8
3/8	0.3750	1/4	–	1/4	1/4	1/4	1/4	1/4	3/8	–	–	#10	–	#10	–	#10
7/16	0.4375	1/4	–	–	—	–	–	7/16	1/4	–	–	#12&14	1/4	#12&14	–	#12&14
1/2	0.5000	5/16	–	5/16	5/16	5/16	5/16	5/16	1/2	1/4	1/4	–	5/16	5/16	–	5/16
9/16	0.5625	3/8	–	3/8	3/8	3/8	3/8	3/8	9/16	5/16	5/16	5/16	3/8	3/8	–	3/8
5/8	0.6250	7/16	–	7/16	–	–	–	–	5/8	3/8	–	3/8	–	–	–	–
11/16	0.6875	–	–	–	–	–	–	–	–	3/8	3/8	–	7/16	7/16	–	7/16
3/4	0.7500	1/2	–	1/2	–	–	–	–	3/4	7/16	7/16	–	1/2	1/2	–	1/2
13/16	0.8125	9/16	–	9/16	–	–	–	–	–	1/2	–	–	–	–	–	–
7/8	0.8750	–	1/2	–	–	–	–	–	7/8	1/2	1/2	–	9/16	9/16	–	9/16
15/16	0.9375	3/8	–	5/8	–	–	–	–	–	–	9/16	–	5/8	5/8	–	5/8
1	1.0000	–	–	–	–	–	–	–	1	5/8	–	–	–	–	–	–
1 1/16	1.0625	–	5/8	–	–	–	–	–	–	5/8	5/8	–	–	–	–	–
1 1/8	1.1250	3/4	–	3/4	–	–	–	—	1 1/8	3/4	–	–	3/4	3/4	–	3/4
1 1/4	1.2500	–	3/4	–	–	–	–	–	1 1/4	3/4	3/4	–	–	–	3/4&13/16	–
1 5/16	1.3125	7/8	–	–	–	–	–	–	–	7/8	–	–	7/8	–	–	7/8
1 3/8	1.3750	–	–	–	–	–	–	–	1 3/8	–	–	–	–	–	–	–
1 7/16	1.4375	–	7/8	–	–	–	–	–	–	7/8	7/8	–	–	–	7/8	–
1 1/2	1.5000	1	–	–	–	–	–	–	1 1/2	1	–	–	1	–	15/16&1	1
1 5/8	1.6250	–	1	–	–	–	–	–	–	1	1	–	–	–	1&1 1/16	–
1 11/16	1.6875	1 1/8	–	–	–	–	–	–	–	1 1/8	–	–	1 1/2	–	1 1/8	1 1/8
1 13/16	1.8125	–	1 1/8	–	–	–	–	–	–	1 1/8	1 1/8	–	–	–	1 1/8	–
1 7/8	1.8750	1 1/4	–	–	–	–	–	–	–	1 1/4	-	–	1 1/4	–	–	1 1/4
2	2.0000	–	1 1/4	–	–	–	–	–	–	1 1/4	1 1/4	–	–	–	–	–
2 1/16	2.0625	1 3/8	–	–	–	–	–	–	–	1 3/8	–	–	1 3/8	–	–	1 3/8
2 3/16	2.1875	–	1 3/8	–	–	–	–	–	–	1 3/8	1 3/8	–	–	–	–	–
2 1/4	2.2500	1 1/2	–	–	–	–	–	–	–	1 1/2	–	–	1 1/2	–	–	1 1/2
2 3/8	2.3750	–	1 1/2	–	–	–	–	–	–	1 1/2	1 1/2	–	–	–	–	–
2 7/16	2.4375	1 5/8	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2 9/16	2.5625	–	1 5/8	–	–	–	–	–	–	–	1 5/8	–	–	–	–	–
2 5/8	2.6250	1 3/4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2 3/4	2.7500	–	1 3/4	–	–	–	–	–	–	–	1 3/4	–	–	–	–	–
2 13/16	2.1825	1 7/8	-	–	–	–	–	–	–	–	-	–	–	–	–	
2 15/16	2.9375	—	1 7/8	–	–	–	–	–	–	–	1 7/8	–	–	–	–	–
3	3.0000	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3 1/8	3.1250	–	2	–	–	–	–	–	–	–	2	–	–	–	–	–
3 3/8	3.3750	2 1/4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3 1/2	3.5000	–	2 1/4	–	–	–	–	–	–	–	2 1/4	–	–	–	–	–
3 3/4	3.7500	2 1/2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3 7/8	3.8750	–	2 1/2	–	–	–	–	–	–	–	2 1/2	–	–	–	–	–
4 1/8	4.1250	2 3/4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4 1/4	4.2500	–	2 3/4	–	–	–	–	–	–	–	2 3/4	–	–	–	—	–
4 1/2	4.5000	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4 5/8	4.6250	–	3	–	–	–	–	–	–	–	3	–	–	–	–	–
4 7/8	4.8750	3 1/4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	5.0000	–	3 1/4	–	–	–	–	–	–	–	3 1/4	–	–	–	–	–
5 1/4	5.2500	3 1/2	–	–	–	–	–	–	–	–	3 1/2	–	–	–	–	–
5 3/8	5.3750	–	3 1/2	–	–	–	–	–	–	–	3 1/2	–	–	–	–	–
5 5/8	5.6250	3 3/4	–	–	–	–	–	–	–	–	3 3/4	–	–	–	–	–
5 3/4	5.7500	–	3 3/4	–	–	–	–	–	–	–	3 3/4	–	–	–	–	–
6	6.0000	4	–	–	–	–	–	–	–	–	4	–	–	–	–	–
6 1/8	6.1250	–	4	–	–	–	–	–	–	–	4	–	–	–	–	–
6 1/2	6.5000	–	4 1/4	–	–	–	–	–	–	–	–	–	–	–	–	–
6 7/8	6.8750	–	4 1/2	–	–	–	–	–	–	–	–	–	–	–	–	–
7 1/4	7.2500	–	4 3/4	–	–	–	–	–	–	–	–	–	–	–	–	–
7 5/8	7.6250	–	5	–	–	–	–	–	–	–	–	–	–	–	–	–
8	8.0000	–	5 1/4	–	–	–	–	–	–	–	–	–	–	–	–	–
8 3/8	8.3750	–	5 1/2	–	–	–	–	–	–	–	–	–	–	–	–	–
8 3/4	8.7500	–	5 3/4	–	–	–	–	–	–	–	–	–	–	–	–	–
9 1/8	9.1250	–	6	–	–	–	–	–	–	–	–	–	–	–	–	–

Metric Wrench Sizing Chart

Nominal opening sizes of Armstrong wrenches or sockets in millimeters to fit standard bolt heads, nuts and screw heads.

Locate thread diameter of bolt, nut or screw in extreme left or right column. Then move across to box which has proper identification of bolt, nut or screw at top of vertical column. The size listed is the nominal opening size in millimeters of the Armstrong wrenches and sockets that will fit.

American Standards Association — ASA B18.2

BOLTS				NUTS				
WRENCH OR SOCKET SIZE ACROSS FLATS	HEX BOLTS	HEAVY HEX BOLTS	HEAVY HEX STRUCTURAL BOLTS	HEX NUTS STYLE 1	HEX NUTS STYLE 2	SLOTTED AND HAM HEX NUTS	HEAVY HEX NUTS	WRENCH OR SOCKET SIZE ACROSS FLATS
Use wrench or socket size shown below				Use wrench or socket size shown below				
3.20	—	—	—	M1.6 x 0.35	—	—	—	3.20
4.00	—	—	—	M2 x 0/4	—	—	—	4.00
5.00	—	—	—	M2.5 x 0.45	—	—	—	5.00
5.50	—	—	—	M3 x 0.5	M3 X 0.5	—	—	5.50
6.00	—	—	—	M3.5 x 0.6	M3.5 x 0.6	—	—	6.00
7.00	—	—	—	M4 x 0.7	M4 x 0.7	—	—	7.00
8.00	M5 x 0.8	—	—	M5 x 0. 8	M5 x 0. 8	M5 x 0. 8	—	8.00
10.00	M6 x 1	—	—	M6 x 1	M6 x 1	M6 x 1	—	10.00
13.00	M8 x 1.25	—	—	M8 x 1.25	M8 x 1.25	M8 x 1.25	—	13.00
15.00	M10 x 1.5	—	—	M10 x 1.5	M10 x 1.5	M10 x 1.5	—	1500
16.00	M10 x 1.5	—	—	M10 x 1.5	M10 x 1.5	M10 x 1.5	—	1600
18.00	M12 x 1.75	—	—	M12 x 1.75	M12 x 1.75	M12 x 1.75	—	1800
21.00	M14 x 2	M12 x 1.75	—	M14 x 2	M14 x 2	M14 x 2	M12 x 1.75	21.00
24.00	M16 x 2	M14 x 2	—	M16 x 2	M16 x 2	M16 x 2	M14 x 2	24.00
27.00	—	M16 x 2	M16 x 2	—	—	—	M16 x 2	27.00
30.00	M20 x 2.5	—	—	M20 x 2.5	M20 x 2.5	M20 x 2.5	—	30.00
34.00	—	M20 x 2.5	M20 x 2.5	—	—	—	M20 x 2.5	34.00
36.00	M24 x 3	—	M22 x 2.5	M24 x 3	M24 x 3	M24 x 3	M22 x 2.5	36.00
41.00	—	M24 x 3	M24 x 3	—	—	—	M24 x 3	41.00
46.00	M30 x 3.5	—	M27 x 3	M30 x 3.5	M30 x 3.5	M30 x 3.5	M27 x 3	46.00
50.00	—	M30 x 3.5	M30 x 3.5	—	—	—	M30 x 3.5	50.00
55.00	M36 x 4	—	—	M36 x 4	M36 x 4	M36 x 4	—	55.00
60.00	—	M36 x 4	M36 x 4	—	M36 x 4	60.00	—	—
65.00	M42 x 4.5	—	—	—	—	—	—	65.00
70.00	—	—	—	—	—	—	M42 x 4.5	70.00
75.00	M48 x 5	—	—	—	—	—	—	75.00
80.00	—	—	—	—	—	—	M48 x 5	80.00
85.00	M56 x 5.5	—	—	—	—	—	—	85.00
90.00	—	—	—	—	—	—	M56 x 5.5	90.00
95.00	M64 x 6	—	—	—	—	—	-	95.00
100.00	—	—	—	—	—	—	M64 x 6	100.00
105.00	M72 x 6	—	—	—	—	—	-	105.00
110.00	—	—	—	—	—	—	M72 x 6	110.00
115.00	M80 x 6	—	—	—	—	—	-	115.00
120.00	—	—	—	—	—	—	M80 x 6	120.00
130.00	M90 x 6	—	—	—	—	—	-	130.00
135.00		—	—	—	—	—	M90 x 6	135.00
145.00	M100 x 6	—	—	—	—	—	-	145.00
150.00	-	—	—	—	—	—	M100 x 6	150.00

ARMSTRONG INDUSTRIAL HAND TOOLS

Metric Conversion Charts

Conversion from Millimeters to Inches

mm	inch	mm	inch	mm	inch
1	0.039 370 08	36	1.417 322 8	71	2.795 275 6
2	0.078 740 16	37	1.456 692 9	72	2.834 645 7
3	0.118 110 24	38	1.496 063 0	73	2.874 015 7
4	0.157 480 31	39	1.535 433 1	74	2.913 385 8
5	0.196 850 39	40	1.574 803 1	75	2.952 755 9
6	0.236 220 47	41	1.614 173 2	76	2.992 126 0
7	0.275 590 55	42	1.653 543 3	77	3.031 496 1
8	0.314 960 63	43	1.692 913 4	78	3.070 866 1
9	0.354 330 71	44	1.732 283 5	79	3.110 236 2
10	0.393 700 8	45	1.771 653 5	80	3.149 606 3
11	0.433 070 9	46	1.811 023 6	81	3.188 976 4
12	0.472 440 9	47	1.850 393 7	82	3.228 346 5
13	0.511 811 0	48	1.889 763 8	83	3.267 716 5
14	0.551 181 1	49	1.929 133 9	84	3.307 086 6
15	0.590 551 2	50	1.968 503 9	85	3.346 456 7
16	0.629 921 3	51	2.007 874 0	86	3.385 826 8
17	0.669 291 3	52	2.047 244 1	87	3.425 196 8
18	0.708 661 4	53	2.086 614 2	88	3.464 566 9
19	0.748 031 5	54	2.125 984 2	89	3.503 937 0
20	0.787 401 6	55	2.165 354 3	90	3.543 307 1
21	0.826 771 7	56	2.204 724 4	91	3.582 677 2
22	0.866 141 7	57	2.244 094 5	92	3.622 047 2
23	0.905 511 8	58	2.283 464 6	93	3.661 417 3
24	0.944 881 9	59	2.322 834 6	94	3.700 787 4
25	0.984 252 0	60	2.362 204 7	95	3.740 157 5
26	1.023 622 0	61	2.401 574 8	96	3.779 527 6
27	1.062 992 1	62	2.440 944 9	97	3.818 897 6
28	1.102 362 2	63	2.480 315 0	98	3.858 267 7
29	1.141 732 3	64	2.519 685 0	99	3.897 637 8
30	1.181 102 4	65	2.559 055 1	100	3.937 008
31	1.220 472 4	66	2.598 425 2		
32	1.259 842 5	67	2.637 795 3		
33	1.299 212 6	68	2.677 165 4		
34	1.338 582 7	69	2.716 535 4		
35	1.377 952 8	70	2.755 905 5		

mm ÷ 25.4 = inch

NOTE: The table values for inches are rounded off.

Conversion from Decimal Inches to Millimeters

inch	mm	inch	mm	inch	mm
1	25.4	36	914.4	71	1803.4
2	50.8	37	939.8	72	1828.8
3	76.2	38	965.2	73	1854.2
4	101.6	39	990.6	74	1879.6
5	127.0	40	1016.0	75	1905.0
6	152.4	41	1041.4	76	1930.4
7	177.8	42	1066.8	77	1955.8
8	203.2	43	1092.2	78	1981.2
9	228.6	44	1117.6	79	2006.6
10	254.0	45	1143.0	80	2032.0
11	279.4	46	1168.4	81	2057.4
12	304.8	47	1193.8	82	2082.8
13	330.2	48	1219.2	83	2108.2
14	355.6	49	1244.6	84	2133.6
15	381.0	50	1270.0	85	2159.0
16	406.4	51	1295.4	86	2184.4
17	431.8	52	1320.8	87	2209.8
18	457.2	53	1346.2	88	2235.2
19	482.6	54	1371.6	89	2260.6
20	508.0	55	1397.0	90	2286.0
21	533.4	56	1422.4	91	2311.4
22	558.8	57	1447.8	92	2336.8
23	584.2	58	1473.2	93	2362.2
24	609.6	59	1498.6	94	2387.6
25	635.0	60	1524.0	95	2413.0
26	660.4	61	1549.4	96	2438.4
27	685.8	62	1574.8	97	2463.8
28	711.2	63	1600.2	98	2489.2
29	736.6	64	1625.6	99	2514.6
30	762.0	65	1651.0	100	2540.0
31	787.4	66	1676.4		
32	812.8	67	1701.8		
33	838.2	68	1727.2		
34	863.6	69	1752.6		
35	889.0	70	1778.0		

inch x 25.4 = mm

NOTE: All table values are exact.

Conversion from Fractional Inches to Millimeters

Inch		mm	Inch		mm
1/64	0.015 625	0.396 875	33/64	0.515 625	13.096 875
1/32	0.031 250	0.793 750	17/32	0.531 250	13.493 750
3/64	0.046 875	1.190 625	35/64	0.546 875	13.890 625
1/16	0.062 500	1.587 500	9/16	0.562 500	14.287 500
5/64	0.078 125	1.984 375	37/64	0.578 125	14.684 375
3/32	0.093 750	2.381 250	19/32	0.593 750	15.081 250
7/64	0.109 375	2.778 125	39/64	0.609 375	15.478 125
1/8	0.125 000	3.175 000	5/8	0.625 000	15.875 000
9/64	0.140 625	3.571 875	41/64	0.640 625	16.271 875
5/32	0.156 250	3.968 750	21/32	0.656 250	16.668 750
11/64	0.171 875	4.365 625	43/64	0.671 875	17.065 625
3/16	0.187 500	4.762 500	11/16	0.687 500	17.462 500
13/64	0.203 125	5.159 375	45/64	0.703 125	17.859 375
7/32	0.218 750	5.556 250	23/32	0.718 750	18.256 250
15/64	0.234 375	5.953 125	47/64	0.734 375	18.653 125
1/4	0.250 000	6.350 000	3/4	0.750 000	19.050 000
17/64	0.265 625	6.746 875	49/64	0.765 625	19.446 875
9/32	0.281 250	7.143 750	25/32	0.781 250	19.843 750
19/64	0.296 875	7.540 625	51/64	0.796 875	20.240 625
5/16	0.312 500	7.937 500	13/16	0.812 500	20.637 500
21/64	0.328 125	8.334 375	53/64	0.828 125	21.034 375
11/32	0.343 750	8.731 250	27/32	0.843 750	21.431 250
23/64	0.359 375	9.128 125	55/64	0.859 375	21.828 125
3/8	0.375 000	9.525 000	7/8	0.875 000	22.225 000
25/64	0.390 625	9.921 875	57/64	0.890 625	22.621 875
13/32	0.406 250	10.318 750	29/32	0.906 250	23.018 750
27/64	0.421 875	10.715 625	59/64	0.921 875	23.415 625
7/16	0.437 500	11.112 500	15/16	0.937 500	23.812 500
29/64	0.453 125	11.509 375	61/64	0.953 125	24.209 375
15/32	0.468 750	11.906 250	31/32	0.968 750	24.606 250
31/64	0.484 375	12.303 125	63/64	0.984 375	25.003 125
1/2	0.500 000	12.700 000	1	1.000 000	25.400 000

NOTE: All table values are exact.

Conversion from Ft.-Lbs. to Meter-Kilograms

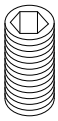
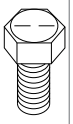
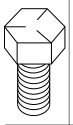
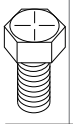
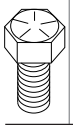
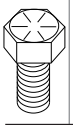
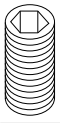
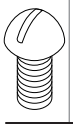
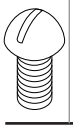
Ft. Lbs.	0 Mkgs	1 Mkgs	2 Mkgs	3 Mkgs	4 Mkgs	5 Mkgs	6 Mkgs	7 Mkgs	8 Mkgs	9 Mkgs
0	0	.14	.28	.42	.55	.69	.83	.97	1.11	1.25
10	1.38	1.52	1.66	1.80	1.94	2.07	2.21	2.35	2.49	2.63
20	2.77	2.90	3.04	3.18	3.32	3.46	3.60	3.73	3.87	4.01
30	4.15	4.29	4.43	4.56	4.70	4.84	4.98	5.12	5.26	5.39
40	5.53	5.67	5.81	5.95	6.09	6.22	6.36	6.50	6.64	6.78
50	6.92	7.05	7.19	7.33	7.47	7.61	7.75	7.88	8.02	8.16
60	8.30	8.44	8.57	8.71	8.85	8.90	9.13	9.27	9.40	9.54
70	9.68	9.82	9.96	10.09	10.23	10.37	10.51	10.65	10.79	10.92
80	11.01	11.20	11.34	11.48	11.62	11.75	11.89	12.03	12.17	12.31
90	12.45	12.59	12.73	12.86	13.00	13.14	13.28	13.42	13.55	13.69
100	13.83	13.97	14.11	14.25	14.38	14.52	14.66	14.80	14.94	15.08
110	15.21	15.35	15.49	15.63	15.76	15.90	16.04	16.18	16.32	16.46

NOTE: The chart above can be used to convert foot-pounds to meter-kilograms. Down the left side the foot-pound column increases from 0 to 110 ft.-lbs. in increments of 10 ft.-lbs. For additional ft.-lbs. increments use the top row of numbers. For example, If you want to know the conversion of 55 ft-lbs., locate the number 50 in the left column and the number 5 in the top row. You then read across and down to find the conversion of 7.61 mkgs.

Ft.-Lbs. x .1383 = Meter-Kilograms

Standard Torque Value Chart

ARMSTRONG® INDUSTRIAL HAND TOOLS

Fastener	Type	Min. Tensile Strength	Material	Body Size or Outside Diameter of Fastener																												
				2	3	4	5	6	8	10	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1⅝	1¾	1⅞	2	2¼	2½	2¾	3
	SAE 0-1-2	74,000 PSI	Alloy Steel								6	12	20	32	47	69	96	155	206	310	480	675	900	1100	1470	1900	2360	2750	3450	4400	7350	9500
	SAE 3	100,000 PSI	Medium Carbon Steel								9	17	30	47	69	103	145	234	372	551	872	1211	1624	1943	2660	3463	4695	5427	7226	8049	13450	17548
	SAE 5	120,000 PSI	Medium Carbon Heat Treat Steel								10	19	33	54	78	114	154	257	382	587	794	1105	1500	1775	2425	3150	4200	4550	6550	7175	13000	16000
	SAE 6	133,000 PSI	Medium Carbon Steel Quenched Tempered								12.5	24	43	69	106	150	209	350	550	825	1304	1815	2424	2913	3985	5189	6980	7491	10825	14983	20151	26286
	SAE 7	133,000 PSI	Medium Carbon Alloy Steel								13	25	44	71	110	154	215	360	570	840	1325	1825	2500	3000	4000	5300	7000	7500	11000	15500	21000	27000
	SAE 8	150,000 PSI	Medium Carbon Alloy Steel								14	29	47	78	119	169	230	380	600	900	1430	1975	2650	3200	4400	5650	7600	8200	12000	17000	23000	29000
	Socket Head Cap Screw	160,000 PSI	Alloy Steel	TORQUE VALUES: All figures are foot-pounds except those marked with an asterisk (*), those indicate inch-pounds.							16	33	54	84	125	180	250	400	640	970	1520	2130	2850	3450	4700	6100	8200	8800	13000	18000	24000	31000
	Socket Set Screw	212,000 PSI	Alloy Steel					9*	16*	30*	70*	140*	18	29	43	63	100	146																
	Machine Screw Yellow Brass	60,000 PSI	Copper (CU) 63% Zinc (ZN) 37%	2*	3.3*	4.4*	6.4*	8*	16*	20*	65*	110*	17	27	37	49	78	104	160	215	325	400		595									
	Silicone Bronze Type "B"	70,000 PSI	Copper (CU) 96% Zinc (ZN) 2% Silicon (SI) 2%	2.3*	3.7*	4.9*	7.2*	10*	19*	22*	70*	125*	20	30	41	53	88	117	180	250	365	450		655									

STUDS
Use SAE 2, 5 or 8 values when grade is known, with a nut of sufficient strength.



There is no difference in the above chart between the torque figures for fine or coarse threads. The torque figures for a finely-threaded fastener as compared to a coarsely-threaded fastener of the same diameter may be slightly higher but not significant enough to note.

Courtesy of Petersen Publishing Company

SAFETY NOTICE

THERE ARE MANY VARYING FACTORS WHICH AFFECT TORQUE. THE FIGURES IN THIS CHART ARE SAFE FIGURES FOR STANDARD TORQUE APPLICATIONS ONLY.

ARMSTRONG INDUSTRIAL HAND TOOLS

Torque Conversion Charts

In the International Metric System, there is a term for "force" called the "Newton," which is defined as "the force necessary to move one kilogram one meter per second." Therefore, with torque being "Force X Length," the International Metric System measure torque in "Newton metres" (N m).

From ft lb to N m

	0	1	2	3	4	5	6	7	8	9
ft lb	N m	N m	N m	N m	N m	N m	N m	N m	N m	N m
0	0	1.36	2.71	4.07	5.42	6.78	8.13	9.49	10.84	12.20
10	13.56	14.91	16.27	17.62	18.98	20.33	21.69	23.05	24.40	25.76
20	27.11	28.47	29.83	31.18	32.54	33.89	35.25	36.61	37.97	39.32
30	40.67	42.02	43.38	44.73	46.09	47.45	48.80	50.16	51.51	52.87
40	54.22	55.58	56.94	58.29	59.65	61.00	62.36	63.71	65.07	66.42
50	67.78	69.14	70.49	71.85	73.20	74.56	75.91	77.27	78.62	79.98
60	81.33	82.69	84.05	85.40	86.76	88.11	89.47	90.83	92.18	93.54
70	94.89	96.25	97.60	98.96	100.31	101.67	103.03	104.38	105.74	107.09
80	108.45	109.80	111.16	112.51	113.87	115.23	116.58	117.94	119.29	120.65
90	122.00	123.36	124.72	126.07	127.43	128.78	130.14	131.49	132.85	134.20
100	135.56									

ft lb X 1.3558 = N m

From N m to ft lb

	0	1	2	3	4	5	6	7	8	9
N m	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb
0	0	.74	1.48	2.21	2.95	3.69	4.43	5.16	5.90	6.64
10	7.38	8.11	8.85	9.59	10.33	11.06	11.80	12.54	13.28	14.01
20	14.75	15.49	16.23	16.96	17.70	18.44	19.18	19.91	20.65	21.39
30	22.13	22.86	23.60	24.34	25.08	25.81	26.55	27.99	28.03	28.76
40	29.50	30.24	30.98	31.72	32.45	33.19	33.93	34.67	35.40	36.14
50	36.88	37.62	38.35	39.09	39.83	40.57	41.30	42.04	42.78	43.52
60	44.25	44.99	45.73	46.47	47.20	47.94	48.68	49.42	50.15	50.89
70	51.63	52.37	53.10	53.84	54.58	55.32	56.05	56.79	57.53	58.27
80	59.00	59.74	60.48	61.22	61.96	62.69	63.43	64.17	64.91	65.64
90	66.38	67.12	67.86	68.59	69.33	70.07	70.81	71.54	72.28	73.02
100	73.76									

1 N m = 0.73756 ft lb

From in lb to N m

	0	1	2	3	4	5	6	7	8	9
in lb	N m	N m	N m	N m	N m	N m	N m	N m	N m	N m
0	0	.113	.226	.339	.452	.565	.678	.791	.904	1.02
10	1.13	1.24	1.36	1.47	1.58	1.70	1.81	1.92	2.03	2.15
20	2.26	2.37	2.49	2.60	2.71	2.83	2.94	3.05	3.16	3.28
30	3.39	3.50	3.62	3.73	3.84	3.96	4.07	4.18	4.29	4.41
40	4.52	4.63	4.75	4.86	4.97	5.09	5.20	5.31	5.42	5.54
50	5.65	5.76	5.88	5.99	6.10	6.22	6.33	6.44	6.55	6.67
60	6.78	6.89	7.01	7.12	7.23	7.35	7.46	7.57	7.68	7.80
70	7.91	8.02	8.14	8.25	8.36	8.48	8.59	8.70	8.81	8.93
80	9.04	9.15	9.27	9.38	9.49	9.61	9.72	9.83	9.94	10.06
90	10.17	10.28	10.40	10.51	10.62	10.74	10.85	10.96	11.07	11.19
100	11.30									

in lb X .1130 = N m

From N m to in lb

	0	1	2	3	4	5	6	7	8	9
N m	in lb	in lb	in lb	in lb	in lb	in lb	in lb	in lb	in lb	in lb
0	0	8.85	17.70	26.55	35.40	44.25	53.10	61.95	70.81	79.66
10	88.51	97.36	106.21	115.06	123.91	132.76	141.61	150.46	159.31	168.16
20	177.01	185.86	194.72	203.57	212.42	221.27	230.12	238.98	247.82	256.67
30	265.52	274.38	283.22	292.07	300.92	309.77	318.62	327.48	336.33	345.18
40	354.03	362.88	371.73	380.58	389.43	398.28	407.13	415.98	424.83	433.68
50	442.53	451.36	460.24	469.09	477.94	486.79	495.64	504.49	513.34	522.19
60	531.04	539.89	548.74	557.59	566.44	575.30	584.15	592.10	601.85	610.70
70	619.55	628.40	637.25	646.10	654.95	663.80	672.65	681.50	690.35	699.20
80	708.06	716.91	725.76	734.61	743.46	752.31	761.16	770.01	778.86	787.71
90	796.56	805.41	814.26	823.12	831.97	840.82	849.67	858.52	867.37	876.22
100	885.07									

N m X 8.8507 = in lb

From in oz to N m

	0	1	2	3	4	5	6	7	8	9
in oz	N m	N m	N m	N m	N m	N m	N m	N m	N m	N m
0	0	.007	.014	.021	.028	.035	.042	.049	.056	.064
10	.071	.078	.085	.092	.098	.106	.113	.120	.127	.134
20	.141	.148	.155	.162	.169	.177	.184	.191	.198	.205
30	.212	.219	.226	.232	.240	.247	.254	.261	.268	.275
40	.282	.289	.297	.304	.312	.318	.325	.332	.339	.346
50	.353	.360	.367	.374	.381	.388	.395	.402	.409	.417
60	.424	.431	.438	.445	.452	.459	.466	.473	.480	.487
70	.494	.501	.508	.515	.522	.530	.537	.544	.551	.558
80	.565	.572	.579	.586	.593	.600	.607	.624	.621	.628
90	.635	.642	.650	.657	.664	.671	.678	.685	.692	.699
100	.706									

in oz X .00706 = N m

From N m to in oz

	0	1	2	3	4	5	6	7	8	9
N m	in oz	in oz	in oz	in oz	in oz	in oz	in oz	in oz	in oz	in oz
0	0	1.42	2.83	4.25	5.66	7.08	8.50	9.91	11.33	12.74
.1	14.16	15.58	16.99	18.41	19.83	21.24	22.66	24.07	25.49	26.91
.2	28.32	29.74	31.15	32.57	33.99	35.40	36.82	38.23	39.65	41.07
.3	42.48	43.90	45.32	46.73	48.15	49.56	50.98	52.40	53.81	55.23
.4	56.64	58.06	59.48	60.89	62.31	63.72	65.14	66.56	67.97	69.39
.5	70.81	72.22	73.64	75.05	76.47	77.89	79.30	80.72	82.13	83.55
.6	84.97	86.41	87.80	89.21	90.63	92.05	93.46	94.88	96.30	97.71
.7	99.13	100.54	101.96	103.38	104.79	106.21	107.62	109.04	110.46	111.87
.8	113.29	114.70	116.12	117.54	118.95	120.37	121.79	123.20	124.62	126.03
.9	127.45	128.87	130.28	131.70	133.11	134.53	135.95	137.36	138.78	140.19
1.0	141.61									

.01 N m X 141.6112 = .01 in oz

From m kg to N m

	0	1	2	3	4	5	6	7	8	9
m kg	N m	N m	N m	N m	N m	N m	N m	N m	N m	N m
0	0	9.81	19.61	29.42	39.23	49.03	58.84	68.65	78.45	88.26
10	98.07	107.87	117.68	127.49	137.30	147.10	156.90	166.71	176.52	186.33
20	196.13	205.94	215.75	225.55	235.36	245.17	254.98	264.78	274.59	284.40
30	294.20	304.00	313.81	323.62	333.43	343.23	353.04	362.85	372.65	382.46
40	392.27	402.07	411.88	421.69	431.49	441.30	451.11	460.91	470.72	480.53
50	490.33	500.14	509.95	519.75	529.56	539.37	549.17	558.98	568.79	578.60
60	588.40	598.21	608.01	617.82	627.63	637.43	647.24	657.05	666.86	676.66
70	686.47	696.27	706.08	715.89	725.70	735.50	745.30	755.11	764.92	774.73
80	784.53	794.34	804.15	813.95	823.76	833.57	843.37	853.18	862.99	872.79
90	882.60	892.41	902.21	912.02	921.83	931.63	941.44	951.25	961.05	970.86
100	980.67									

m kg (or m kp) = 9.80665 N m

From N m to m kg

	0	1	2	3	4	5	6	7	8	9
N m	m kg	m kg	m kg	m kg	m kg	m kg	m kg	m kg	m kg	m kg
0	0	.102	.204	.306	.408	.510	.611	.714	.816	.918
10	1.020	1.122	1.224	1.326	1.428	1.530	1.632	1.733	1.835	1.937
20	2.039	2.141	2.243	2.345	2.447	2.549	2.651	2.753	2.855	2.957
30	3.059	3.161	3.263	3.365	3.467	3.569	3.671	3.773	3.875	3.977
40	4.079	4.181	4.283	4.385	4.487	4.589	4.691	4.793	4.895	4.997
50	5.099	5.200	5.302	5.404	5.506	5.608	5.710	5.812	5.914	6.016
60	6.118	6.220	6.322	6.424	6.526	6.628	6.730	6.832	6.934	7.036
70	7.138	7.240	7.342	7.444	7.546	7.648	7.750	7.852	7.954	8.056
80	8.158	8.260	8.362	8.464	8.565	8.667	8.769	8.871	8.973	9.075
90	9.177	9.279	9.381	9.483	9.585	9.687	9.789	9.891	9.993	10.095
100	10.197									

N m X .10197 = m kg (or m kp)

Torque Conversion Charts

ARMSTRONG INDUSTRIAL HAND TOOLS

NOTE: A meter kilogram is equal to a meter kilopond. (1m kg = 1m kp)

From in lb to in oz

	0	1	2	3	4	5	6	7	8	9
in lb	in oz	in oz	in oz	in oz	in oz	in oz	in oz	in oz	in oz	in oz
0	0	16	32	48	64	80	96	112	128	144
10	160	176	192	208	224	240	256	272	288	304
20	320	336	352	368	384	400	416	432	448	464
30	480	496	512	528	544	560	576	592	608	624
40	640	656	672	688	704	720	736	752	768	784
50	800	816	832	848	864	880	896	912	928	944
60	960	976	992	1008	1024	1040	1056	1072	1088	1104
70	1120	1236	1152	1168	1184	1200	1216	1232	1248	1264
80	1280	1296	1312	1328	1344	1360	1376	1392	1408	1424
90	1440	1456	1472	1488	1504	1520	1536	1552	1568	1584
100	1600									

In lb X 16 = In oz

From in oz to in lb

	0	1	2	3	4	5	6	7	8	9
In oz	In lb	In lb	In lb	In lb	In lb	In lb	In lb	In lb	In lb	In lb
0	0	.063	.125	.188	.250	.313	.375	.438	.500	.563
10	.625	.688	.750	.813	.875	.938	1.000	1.063	1.125	1.188
20	1.250	1.313	1.375	1.438	1.500	1.563	1.625	1.688	1.750	1.813
30	1.875	1.938	2.000	2.063	2.125	2.188	2.250	2.313	2.375	2.438
40	2.500	2.563	2.625	2.688	2.750	2.813	2.875	2.938	3.000	3.063
50	3.125	3.188	3.250	3.313	3.375	3.438	3.500	3.563	3.625	3.688
60	3.750	3.813	3.875	3.938	4.000	4.063	4.125	4.188	4.250	4.313
70	4.375	4.438	4.500	4.563	4.625	4.688	4.750	4.813	4.875	4.938
80	5.000	5.063	5.125	5.188	5.250	5.313	5.375	5.438	5.500	5.563
90	5.625	5.688	5.750	5.813	5.875	5.938	6.000	6.063	6.125	6.188
100	6.250									

In oz ÷ 16 = In lb

From ft lb to in lb

	0	1	2	3	4	5	6	7	8	9
ft lb	in lb	in lb	in lb	in lb	in lb	in lb	in lb	in lb	in lb	in lb
0	0	12	24	36	48	60	72	84	96	108
10	120	132	144	156	168	180	192	204	216	228
20	240	252	264	276	288	300	312	324	336	348
30	360	372	384	396	408	420	432	444	456	468
40	480	492	504	516	528	540	552	564	576	588
50	600	612	624	636	648	660	672	684	696	708
60	720	732	744	756	768	780	792	804	816	828
70	840	852	864	876	888	900	912	924	936	948
80	960	972	984	996	1008	1020	1032	1044	1056	1068
90	1080	1092	1104	1116	1128	1140	1152	1164	1176	1188
100	1200									

ft lb X 12 = in lb

From in lb to ft lb

	0	1	2	3	4	5	6	7	8	9
in lb	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb
0	0	.083	.167	.250	.333	.417	.500	.583	.667	.750
10	.833	.917	1.000	1.083	1.167	1.250	1.333	1.417	1.500	1.583
20	1.667	1.750	1.833	1.917	2.000	2.083	2.167	2.250	2.333	2.417
30	2.500	2.583	2.667	2.750	2.833	2.917	3.000	3.083	3.167	3.250
40	3.333	3.417	3.500	3.583	3.667	3.750	3.833	3.917	4.000	4.083
50	4.167	4.250	4.333	4.417	4.500	4.583	4.667	4.750	4.833	4.917
60	5.000	5.083	5.167	5.250	5.333	5.417	5.500	5.583	5.667	5.750
70	5.833	5.917	6.000	6.083	6.167	6.250	6.333	6.417	6.500	6.583
80	6.667	6.750	6.833	6.917	7.000	7.083	7.167	7.250	7.333	7.417
90	7.500	7.583	7.667	7.750	7.833	7.917	8.000	8.083	8.167	8.250
100	8.333									

In lb ÷ 12 = ft lb

From in lb to cm kg

	0	1	2	3	4	5	6	7	8	9
In lb	cm kg	cm kg	cm kg	cm kg	cm kg	cm kg	cm kg	cm kg	cm kg	cm kg
0	0	1.152	2.304	3.456	4.608	5.760	6.912	8.064	9.217	10.36
10	11.52	12.67	13.83	14.97	16.13	17.28	18.43	19.59	20.74	21.89
20	23.04	24.19	25.35	26.49	27.65	28.80	29.96	31.07	32.26	33.41
30	34.56	35.71	36.87	38.02	39.17	40.32	41.47	42.62	43.77	44.93
40	46.09	47.23	48.39	49.54	50.69	51.85	52.99	54.14	55.29	56.45
50	57.61	58.75	59.90	61.06	62.21	63.37	64.51	65.66	66.81	67.96
60	69.13	70.27	71.42	72.57	73.73	74.89	76.03	77.18	78.33	79.49
70	80.65	81.79	82.94	84.05	85.21	86.41	87.58	88.75	89.91	91.00
80	92.17	93.32	94.49	95.66	96.83	97.93	99.08	100.2	101.4	102.6
90	103.7	104.9	106.1	107.2	108.3	109.5	110.7	111.8	112.9	114.1
100	115.2									

In lb X 1.152 = cm kg

From cm kg to in lb

	0	1	2	3	4	5	6	7	8	9
cm kg	In lb	In lb	In lb	In lb	In lb	In lb	In lb	In lb	In lb	In lb
0	0	.868	1.735	2.603	3.471	4.339	5.206	6.074	6.942	7.809
10	8.677	9.545	10.412	11.280	12.148	13.016	13.883	14.751	15.619	16.486
20	17.354	18.222	19.089	19.957	20.825	21.693	22.560	23.428	24.296	25.163
30	26.031	26.899	27.766	28.634	29.502	30.370	31.237	32.105	32.973	33.840
40	34.708	35.576	36.443	37.311	38.179	39.047	39.914	40.782	41.650	42.517
50	43.385	44.253	45.120	45.988	46.856	47.724	48.591	49.459	50.327	51.194
60	52.062	52.930	53.797	54.665	55.533	56.401	57.268	58.136	59.004	59.871
70	60.739	61.607	62.474	63.342	64.010	65.078	65.945	66.813	67.681	68.548
80	69.416	70.284	71.151	72.019	72.887	73.754	74.622	75.490	76.358	77.225
90	78.093	78.961	79.828	80.670	81.564	82.432	83.299	84.167	85.035	85.902
100	86.770									

cm kg X .8677 = in lb

From ft lb to m kg

	0	1	2	3	4	5	6	7	8	9
ft lb	m kg	m kg	m kg	m kg	m kg	m kg	m kg	m kg	m kg	m kg
0	0	.138	.276	.415	.553	.691	.830	.968	1.106	1.245
10	1.383	1.521	1.660	1.798	1.936	2.074	2.212	2.351	2.489	2.628
20	2.766	2.904	3.043	3.181	3.319	3.457	3.596	3.734	3.872	4.011
30	4.149	4.287	4.426	4.564	4.702	4.840	4.979	5.117	5.255	5.394
40	5.532	5.670	5.809	5.947	6.085	6.223	6.362	6.500	6.638	6.777
50	6.915	7.053	7.191	7.330	7.468	7.606	7.745	7.883	8.021	8.159
60	8.298	8.436	8.574	8.713	8.851	8.989	9.128	9.266	9.404	9.543
70	9.681	9.819	9.957	10.09	10.23	10.37	10.51	10.65	10.79	10.92
80	11.06	11.20	11.34	11.48	11.62	11.75	11.89	12.03	12.17	12.31
90	12.45	12.59	12.73	12.86	13.00	13.14	13.28	13.42	13.55	13.69
100	13.83									

ft lb X .1383 = m kg

From m kg to ft lb

	0	1	2	3	4	5	6	7	8	9
m kg	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb	ft lb
0	0	7.23	14.47	21.70	28.93	36.17	43.40	50.63	57.86	65.10
10	72.4	79.6	86.8	94.0	101.3	108.5	115.7	123.0	130.2	137.4
20	144.7	151.9	159.1	166.4	173.6	180.8	188.1	195.3	202.5	209.8
30	217.0	224.2	231.5	238.7	245.9	253.2	260.4	267.6	274.9	284.1
40	289.3	296.6	303.9	311.0	318.3	325.5	332.7	340.0	347.2	354.4
50	361.7	368.9	376.1	383.3	390.6	397.8	405.0	412.3	419.5	426.7
60	434.0	441.2	448.4	455.7	462.9	470.1	477.4	484.6	491.8	499.1
70	506.3	513.5	520.8	528.0	535.2	542.5	549.7	556.9	564.2	571.4
80	578.6	585.9	593.1	600.3	607.6	614.8	622.0	629.3	636.5	643.7
90	651.0	658.2	665.4	672.7	679.9	687.1	694.4	701.6	708.8	716.1
100	723.3									

m kg X 7.233 = ft lb

Merchandising Display Program

Merchandising Like You've Never Seen It Before . . .

Introducing the Armstrong Industrial Hand Tools Display Board Program—the most innovative and dynamic hand tool display system in the industry. Designed to enhance the awareness of Armstrong Hand Tools, this one-of-a-kind program will improve tool control and inventory turns while providing flexibility for customizing your own board.

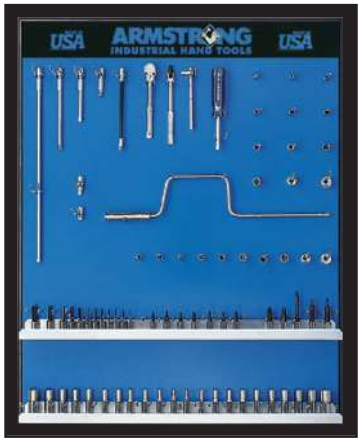
All boards utilize a universal "chassis" that is 23" x 29" and has 1/2" on center pin holes. Our tool board system allows you to stack or position boards side-by-side to create a display with impact. Plan-o-grammed overlays, featuring new graphics to include the Armstrong "strong arm" icon, make setup simple and provide the opportunity to update boards regularly at a minimum cost.

95-900 *



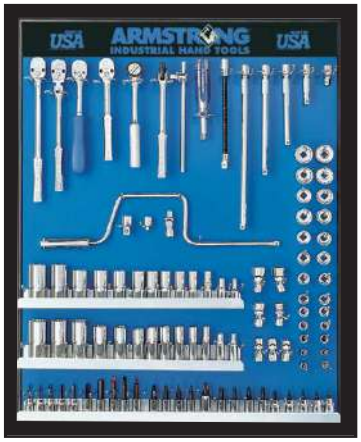
Universal Merchandiser

95-915



1/4" Drive Sockets and Drive Tools

95-920



3/8" Drive Sockets and Drive Tools

95-921



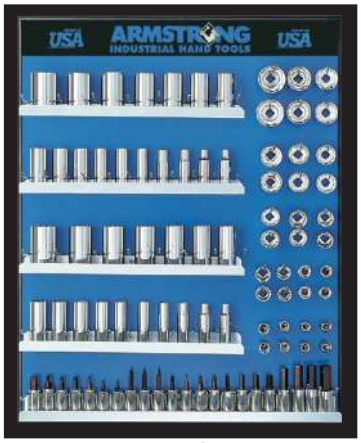
1/4" & 3/8" Dr Industrial Finish Sockets and Tools

95-925



1/2" Drive Industrial Finish Sockets and Tools

95-926



1/2" Drive Sockets

95-927



1/2" Drive Tools

95-928



3/8" and 1/2" Drive Metric Sockets

95-929



3/4" Drive Sockets and Drive Tools

95-930



Combination Wrenches

95-931



Adjustable Wrenches

95-932



Metric Combination Wrenches

95-934 *



Open End Wrenches

95-935*



Specialty Wrenches

95-936 *



Industrial Finish
Combination Wrenches

95-937 *



Pipe Wrenches

* Board includes generic overlay, not preprinted.

Merchandising Display Program

95-938



Torque Wrenches

95-940



Soft Face Hammers and Tips

95-941 *



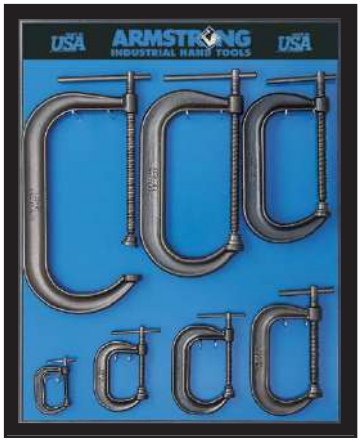
Hammers

95-945



Punches and Chisels

95-950



C-Clamps

95-955



Plain Handle Screwdrivers

95-956 *



Cushion Grip Screwdrivers, Nut Drivers

95-960



Cushion Grip Pliers

* Board includes generic overlay, not preprinted.

95-915

1/4" Drive Sockets & Drive Tools

Product	Description	Qty
10-004	1/8" 6PT STD SKT	1
10-005	5/32" 6PT STD SKT	1
10-006	3/16" 6PT STD SKT	1
10-007	7/32" 6PT STD SKT	1
10-008	1/4" 6PT STD SKT	1
10-009	9/32" 6PT STD SKT	1
10-010	5/16" 6PT STD SKT	1
10-011	11/32" 6PT STD SKT	1
10-012	3/8" 6PT STD SKT	1
10-014	7/16" 6PT STD SKT	1
10-016	1/2" 6PT STD SKT	1
10-018	9/16" 6PT STD SKT	1
10-106	3/16" 12PT STD SKT	1
10-107	7/32" 12PT STD SKT	1
10-108	1/4" 12PT STD SKT	1
10-109	9/32" 12PT STD SKT	1
10-110	5/16" 12PT STD SKT	1
10-111	11/32" 12PT STD SKT	1
10-112	3/8" 12PT STD SKT	1
10-114	7/16" 12PT STD SKT	1
10-116	1/2" 12PT STD SKT	1
10-118	9/16" 12PT STD SKT	1
10-204	1/8" 6PT DEEP SKT	1
10-205	5/32" 6PT DEEP SKT	1
10-206	3/16" 6PT DEEP SKT	1
10-207	7/32" 6PT DEEP SKT	1
10-208	1/4" 6PT DEEP SKT	1
10-209	9/32" 6PT DEEP SKT	1
10-210	5/16" 6PT DEEP SKT	1
10-211	11/32" 6PT DEEP SKT	1
10-212	3/8" 6PT DEEP SKT	1
10-214	7/16" 6PT DEEP SKT	1
10-216	1/2" 6PT DEEP SKT	1
10-218	9/16" 6PT DEEP SKT	1
10-306	3/16" 12PT DEEP SKT	1
10-307	7/32" 12PT DEEP SKT	1
10-308	1/4" 12PT DEEP SKT	1
10-309	9/32" 12PT DEEP SKT	1
10-310	5/16" 12PT DEEP SKT	1
10-311	11/32" 12PT DEEP SKT	1
10-312	3/8" 12PT DEEP SKT	1
10-314	7/16" 12PT DEEP SKT	1
10-316	1/2" 12PT DEEP SKT	1
10-318	9/16" 12PT DEEP SKT	1
10-703	050" STD HEXDRVR SKT	1
10-704	1/16" STD HEXDRVR SKT	1
10-705	5/64" STD HEXDRVR SKT	1
10-706	3/32" STD HEXDRVR SKT	1
10-707	7/64" STD HEXDRVR SKT	1
10-708	1/8" STD HEXDRVR SKT	1
10-709	9/64" STD HEXDRVR SKT	1
10-710	5/32" STD HEXDRVR SKT	1
10-711	3/16" STD HEXDRVR SKT	1
10-712	7/32" STD HEXDRVR SKT	1
10-713	1/4" STD HEXDRVR SKT	1
10-714	5/16" STD HEXDRVR SKT	1
10-801	1/4" SCREWDRVR SKT	1
10-802	3/16" SCREWDRVR SKT	1
10-821	#1 TIP SCREWDRVR BIT	1
10-822	#2 TIP SCREWDRVR BIT	1
10-823	#3 TIP SCREWDRVR BIT	1
10-868	T8 TORXDRVR SKT	1
10-870	T10 TORXDRVR SKT	1
10-872	T15 TORXDRVR SKT	1
10-874	T20 TORXDRVR SKT	1
10-876	T25 TORXDRVR SKT	1
10-878	T27 TORXDRVR SKT	1
10-880	T30 TORXDRVR SKT	1
10-918	HINGE HANDLE 5-3/4	1
10-921	EXTENSION 2	1
10-922	EXTENSION 3-1/2	1
10-923	EXTENSION 6	1
10-925	EXTENSION 14	1
10-929	FLEX EXTNSION 6	1
10-935	SPEEDER 15-3/4	1
10-938	T-HANDLE	1
10-943	PLASTIC HANDLE DRIVER	1
10-947	UNIVERSAL JOINT	1
10-952	ADAPTER 3/8 MALE	1
10-972	RATCHET 4-3/4	1

95-920

3/8" Drive Sockets & Drive Tools

Product	Description	Qty
11-008	1/4" 6PT SKT	1
11-010	5/16" 6PT SKT	1
11-012	3/8" 6PT SKT	1
11-014	7/16" 6PT SKT	1
11-016	1/2" 6PT SKT	1
11-018	9/16" 6PT SKT	1
11-020	5/8" 6PT SKT	1
11-022	11/16" 6PT SKT	1
11-024	3/4" 6PT SKT	1
11-026	13/16" 6PT SKT	1
11-028	7/8" 6PT SKT	1
11-030	15/16" 6PT SKT	1
11-032	1" 6PT SKT	1
11-108	1/4" 12PT SKT	1
11-110	5/16" 12PT SKT	1
11-112	3/8" 12PT SKT	1
11-114	7/16" 12PT SKT	1
11-116	1/2" 12PT SKT	1
11-118	9/16" 12PT SKT	1
11-120	5/8" 12PT SKT	1
11-122	11/16" 12PT SKT	1
11-124	3/4" 12PT SKT	1
11-126	13/16" 12PT SKT	1
11-128	7/8" 12PT SKT	1
11-130	15/16" 12PT SKT	1
11-132	1" 12PT SKT	1
11-208	1/4" 6PT DEEP SKT	1
11-210	5/16" 6PT DEEP SKT	1
11-212	3/8" 6PT DEEP SKT	1
11-214	7/16" 6PT DEEP SKT	1
11-216	1/2" 6PT DEEP SKT	1
11-218	9/16" 6PT DEEP SKT	1
11-220	5/8" 6PT DEEP SKT	1
11-222	11/16" 6PT DEEP SKT	1
11-224	3/4" 6PT DEEP SKT	1
11-226	13/16" 6PT DEEP SKT	1
11-228	7/8" 6PT DEEP SKT	1
11-230	15/16" 6PT DEEP SKT	1
11-232	1" 6PT DEEP SKT	1
11-308	1/4" 12PT DEEP SKT	1
11-310	5/16" 12PT DEEP SKT	1
11-312	3/8" 12PT DEEP SKT	1
11-314	7/16" 12PT DEEP SKT	1
11-316	1/2" 12PT DEEP SKT	1
11-318	9/16" 12PT DEEP SKT	1
11-320	5/8" 12PT DEEP SKT	1
11-322	11/16" 12PT DEEP SKT	1
11-324	3/4" 12PT DEEP SKT	1
11-326	13/16" 12PT DEEP SKT	1
11-328	7/8" 12PT DEEP SKT	1
11-330	15/16" 12PT DEEP SKT	1
11-332	1" 12PT DEEP SKT	1
11-512	3/8" 12PT FLEX SKT	1
11-514	7/16" 12PT FLEX SKT	1
11-516	1/2" 12PT FLEX SKT	1
11-518	9/16" 12PT FLEX SKT	1
11-520	5/8" 12PT FLEX SKT	1
11-522	11/16" 12PT FLEX SKT	1
11-524	3/4" 12PT FLEX SKT	1
11-708	1/8" HEXDRVR SKT	1
11-710	5/32" HEXDRVR SKT	1
11-711	3/16" HEXDRVR SKT	1
11-712	7/32" HEXDRVR SKT	1
11-713	1/4" HEXDRVR SKT	1
11-714	5/16" HEXDRVR SKT	1
11-715	3/8" HEXDRVR SKT	1
11-802	1/4" SCREWDRVR SKT	1
11-803	5/16" SCREWDRVR SKT	1
11-805	3/8" SCREWDRVR SKT	1
11-821	#1 SCREWDRVR SKT	1
11-822	#2 SCREWDRVR SKT	1
11-825	#3 SCREWDRVR SKT	1
11-828	#4 SCREWDRVR SKT	1
11-870	T10 STD TORXDRVR SKT	1
11-872	T15 STD TORXDRVR SKT	1
11-874	T20 STD TORXDRVR SKT	1
11-876	T25 STD TORXDRVR SKT	1
11-878	T27 STD TORXDRVR SKT	1
11-880	T30 STD TORXDRVR SKT	1
11-882	T40 STD TORXDRVR SKT	1
11-884	T45 STD TORXDRVR SKT	1
11-886	T50 STD TORXDRVR SKT	1
11-888	T55 STD TORXDRVR SKT	1
11-915	ROUND HD RATCHET 7-1/2	1
11-918	HINGE HANDLE 8-1/2	1
11-921	1-3/4" EXTENSION	1
11-922	3" EXTENSION	1
11-923	6" EXTENSION	1
11-925	8" EXTENSION	1
11-927	12" EXTENSION	1
11-929	FLEX EXTENSION 7	1
11-935	SPEEDER 16-1/2	1
11-938	T-HANDLE	1
11-943	PLASTIC HANDL DRIVR	1
11-947	UNIVERSAL JOINT	1
11-951	ADAPTER 1/4 MALE	1
11-952	ADAPTER 1/2 MALE	1
11-972	RATCHET 7-3/8	1
11-973	RATCHET 10-1/2	1
11-974	FLEX HD RATCHET 9-1/2	1
11-978	ERGO RATCHET 8-3/8	1

95-921

1/4" & 3/8" Drive Industrial Finish Sockets & Drive Tools

Product	Description	Qty
1/4" DRIVE		
18-006	3/16" 6PT THIN PWR SKT	1
18-007	7/32" 6PT THIN PWR SKT	1
18-008	1/4" 6PT THIN PWR SKT	1
18-009	9/32" 6PT THIN PWR SKT	1
18-010	5/16" 6PT THIN PWR SKT	1
18-011	11/32" 6PT THIN PWR SKT	1
18-012	3/8" 6PT THIN PWR SKT	1
18-014	7/16" 6PT THIN PWR SKT	1
18-016	1/2" 6PT THIN PWR SKT	1
18-076	3/16" 6PT MAG PWR SKT	1
18-078	1/4" 6PT MAG PWR SKT	1
18-079	9/32" 6PT MAG PWR SKT	1
18-080	5/16" 6PT MAG PWR SKT	1
18-081	11/32" 6PT MAG PWR SKT	1
18-082	3/8" 6PT MAG PWR SKT	1
18-084	7/16" 6PT MAG PWR SKT	1
18-086	1/2" 6PT MAG PWR SKT	1
18-206	3/16" 6PT DEEP THIN PWR	1
18-208	1/4" 6PT DEEP THIN PWR	1
18-209	9/32" 6PT DEEP THIN PWR	1
18-210	5/16" 6PT DEEP THIN PWR	1
18-211	11/32" 6PT DEEP THIN PWR	1
18-212	3/8" 6PT DEEP THIN PWR	1
18-214	7/16" 6PT DEEP THIN PWR	1
18-216	1/2" 6PT DEEP THIN PWR	1
18-921	2" PWR EXTENSION	1
18-923	6" PWR EXTENSION	1
18-972	4-3/4" BLACK RATCHET	1
3/8" DRIVE		
19-608	1/4" 6PT PWR SKT	1
19-610	5/16" 6PT PWR SKT	1
19-612	3/8" 6PT PWR SKT	1
19-614	7/16" 6PT PWR SKT	1
19-616	1/2" 6PT PWR SKT	1
19-618	9/16" 6PT PWR SKT	1
19-620	5/8" 6PT PWR SKT	1
19-622	11/16" 6PT PWR SKT	1
19-624	3/4" 6PT PWR SKT	1
19-080	5/16" 6PT MAG PWR SKT	1
19-082	3/8" 6PT MAG PWR SKT	1
19-084	7/16" 6PT MAG PWR SKT	1
19-086	1/2" 6PT MAG PWR SKT	1
19-088	9/16" 6PT MAG PWR SKT	1
19-108	1/4" 12PT THIN WALL PWR	1
19-110	5/16" 12PT THIN WALL PWR	1
19-112	3/8" 12PT THIN WALL PWR	1
19-114	7/16" 12PT THIN WALL PWR	1
19-116	1/2" 12PT THIN WALL PWR	1
19-118	9/16" 12PT THIN WALL PWR	1
19-120	5/8" 12PT THIN WALL PWR	1
19-122	11/16" 12PT THIN WALL PWR	1
19-124	3/4" 12PT THIN WALL PWR	1
19-126	13/16" 12PT THIN WALL PWR	1
19-128	7/8" 12PT THIN WALL PWR	1
19-130	15/16" 12PT THIN WALL PWR	1
19-132	1" 12PT THIN WALL PWR	1
19-708	1/4" 6PT DEEP PWR SKT	1
19-710	5/16" 6PT DEEP PWR SKT	1
19-712	3/8" 6PT DEEP PWR SKT	1
19-714	7/16" 6PT DEEP PWR SKT	1
19-716	1/2" 6PT DEEP PWR SKT	1
19-718	9/16" 6PT DEEP PWR SKT	1
19-720	5/8" 6PT DEEP PWR SKT	1
19-722	11/16" 6PT DEEP PWR SKT	1
19-724	3/4" 6PT DEEP PWR SKT	1
19-918	HINGE HDL 8-1/2	1
19-922	PWR EXTNSION 3	1
19-923	PWR EXTNSION 6	1
19-947	POWR UNIVRSL JOINT	1
19-952	ADAPTER 1/2 MALE	1
19-972	RATCHET 7-3/8	1

95-925

1/2" Drive Industrial Finish Sockets and Drive Tools

Product	Description	Qty
20-012	3/8" 6PT IMPACT SKT	1
20-014	7/16" 6PT IMPACT SKT	1
20-016	1/2" 6PT IMPACT SKT	1
20-018	9/16" 6PT IMPACT SKT	1
20-020	5/8" 6PT IMPACT SKT	1
20-022	11/16" 6PT IMPACT SKT	1
20-024	3/4" 6PT IMPACT SKT	1
20-026	13/16" 6PT IMPACT SKT	1
20-028	7/8" 6PT IMPACT SKT	1
20-030	15/16" 6PT IMPACT SKT	1
20-032	1" 6PT IMPACT SKT	1
20-034	1-1/16" 6PT IMPACT SKT	1
20-036	1-1/8" 6PT IMPACT SKT	1
20-038	1-3/16" 6PT IMPACT SKT	1
20-040	1-1/4" 6PT IMPACT SKT	1
20-042	1-5/16" 6PT IMPACT SKT	1
20-048	1-1/2" 6PT IMPACT SKT	1
20-082	3/8" 6PT MAG PWR SKT	1
20-084	7/16" 6PT MAG PWR SKT	1
20-086	1/2" 6PT MAG PWR SKT	1

20-088	9/16" 6PT MAG PWR SKT	1
20-112	3/8" 12PT THIN PWR	1
20-114	7/16" 12PT THIN PWR	1
20-116	1/2" 12PT THIN PWR	1
20-118	9/16" 12PT THIN PWR	1
20-120	5/8" 12PT THIN PWR	1
20-122	11/16" 12PT THIN PWR	1
20-124	3/4" 12PT THIN PWR	1
20-126	13/16" 12PT THIN PWR	1
20-128	7/8" 12PT THIN PWR	1
20-130	15/16" 12PT THIN PWR	1
20-132	1" 12PT THIN PWR	1
20-134	1-1/16" 12PT THIN PWR	1
20-136	1-1/8" 12PT THIN PWR	1
20-140	1-1/4" 12PT THIN PWR	1
20-142	1-5/16" 12PT THIN PWR	1
20-144	1-3/8" 12PT THIN PWR	1
20-146	1-7/16" 12PT THIN PWR	1
20-148	1-1/2" 12PT THIN PWR	1
20-212	3/8" 6PT DEEP IMPCT	1
20-214	7/16" 6PT DEEP IMPCT	1
20-216	1/2" 6PT DEEP IMPCT	1
20-218	9/16" 6PT DEEP IMPCT	1
20-220	5/8" 6PT DEEP IMPCT	1
20-222	11/16" 6PT DEEP IMPCT	1
20-224	3/4" 6PT DEEP IMPCT	1
20-226	13/16" 6PT DEEP IMPCT	1
20-228	7/8" 6PT DEEP IMPCT	1
20-230	15/16" 6PT DEEP IMPCT	1
20-232	1" 6PT DEEP IMPCT	1
20-234	1-1/16" 6PT DEEP IMPCT	1
20-236	1-1/8" 6PT DEEP IMPCT	1
20-240	1-1/4" 6PT DEEP IMPCT	1
20-242	1-5/16" 6PT DEEP IMPCT	1
20-248	1-1/2" 6PT DEEP IMPCT	1
20-923	5" IMPACT EXTENSION	1
20-924	10" IMPACT EXTENSION	1
20-947	PWR UNIV JOINT	1
20-951	ADAPTER 3/8 MALE	1
20-952	ADAPTER 3/4 MALE	1
20-959	HEX SQUARE SHANK	1
20-972	10-1/2" RATCHET	1

95-926

1/2" Drive Sockets

Product	Description	Qty
12-012	3/8" 6PT SKT	1
12-014	7/16" 6PT SKT	1
12-016	1/2" 6PT SKT	1
12-018	9/16" 6PT SKT	1
12-020	5/8" 6PT SKT	1
12-022	11/16" 6PT SKT	1
12-024	3/4" 6PT SKT	1
12-026	13/16" 6PT SKT	1
12-028	7/8" 16PT SKT	1
12-030	15/16" 6PT SKT	1
12-032	1" 6PT SKT	1
12-034	1-1/16" 6PT SKT	1
12-036	1-1/8" 6PT SKT	1
12-038	1-3/16" 6PT SKT	1
12-040	1-1/4" 6PT SKT	1
12-042	1-5/16" 6PT SKT	1
12-048	1-1/2" 6PT SKT	1
12-112	3/8" 12PT SKT	1
12-114	7/16" 12PT SKT	1
12-116	1/2" 12PT SKT	1
12-118	9/16" 12PT SKT	1
12-120	5/8" 12PT SKT	1
12-122	11/16" 12PT SKT	1
12-124	3/4" 12PT SKT	1
12-126	13/16" 12PT SKT	1
12-128	7/8" 12PT SKT	1
12-130	15/16" 12PT SKT	1
12-132	1" 12PT SKT	1
12-134	1-1/16" 12PT SKT	1
12-136	1-1/8" 12PT SKT	1
12-138	1-3/16" 12PT SKT	1
12-140	1-1/4" 12PT SKT	1
12-142	1-5/16" 12PT SKT	1
12-148	1-1/2" 12PT SKT	1
12-212	3/8" 6PT DEEP SKT	1
12-214	7/16" 6PT DEEP SKT	1
12-216	1/2" 6PT DEEP SKT	1
12-218	9/16" 6PT DEEP SKT	1
12-220	5/8" 6PT DEEP SKT	1
12-222	11/16" 6PT DEEP SKT	1
12-224	3/4" 6PT DEEP SKT	1
12-226	13/16" 6PT DEEP SKT	1
12-228	7/8" 6PT DEEP SKT	1
12-230	15/16" 6PT DEEP SKT	1
12-232	1" 6PT DEEP SKT	1
12-234	1-1/16" 6PT DEEP SKT	1
12-236	1-1/8" 6PT DEEP SKT	1
12-238	1-3/16" 6PT DEEP SKT	1
12-240	1-1/4" 6PT DEEP SKT	1
12-242	1-5/16" 6PT DEEP SKT	1
12-248	1-1/2" 6PT DEEP SKT	1
12-312	3/8" 12PT DEEP SKT	1
12-314	7/16" 12PT DEEP SKT	1
12-316	1/2" 12PT DEEP SKT	1
12-318	9/16" 12PT DEEP SKT	1
12-320	5/8" 12PT DEEP SKT	1
12-322	11/16" 12PT DEEP SKT	1
12-324	3/4" 12PT DEEP SKT	1
12-326	13/16" 12PT DEEP SKT	1
12-328	7/8" 12PT DEEP SKT	1
12-330	15/16" 12PT DEEP SKT	1
12-332	1" 12PT DEEP SKT	1
12-334	1-1/16" 12PT DEEP SKT	1
12-336	1-1/8" 12PT DEEP SKT	1
12-338	1-3/16" 12PT DEEP SKT	1
12-340	1-1/4" 12PT DEEP SKT	1
12-342	1-5/16" 12PT DEEP SKT	1
12-348	1-1/2" 12PT DEEP SKT	1
12-713	1/4" HEXDRVR SKT	1
12-714	5/16" HEXDRVR SKT	1
12-715	3/8" HEXDRVR SKT	1
12-716	7/16" HEXDRVR SKT	1
12-717	1/2" HEXDRVR SKT	1
12-718	9/16" HEXDRVR SKT	1
12-719	5/8" HEXDRVR SKT	1
12-721	3/4" HEXDRVR SKT	1
12-802	1/4" SCREWDRVR SKT	1
12-803	5/16" SCREWDRVR SKT	1
12-805	3/8" SCREWDRVR SKT	1
12-821	#1 SCREWDRVR SKT	1
12-822	#2 SCREWDRVR SKT	1
12-825	#3 SCREWDRVR SKT	1
12-828	#4 SCREWDRVR SKT	1
12-878	T27 TORXDRVR SKT	1
12-880	T30 TORXDRVR SKT	1
12-882	T40 TORXDRVR SKT	1
12-884	T45 TORXDRVR SKT	1
12-886	T50 TORXDRVR SKT	1
12-888	T55 TORXDRVR SKT	1
12-890	T60 TORXDRVR SKT	1

95-927

1/2" Drive Tools

Product	Description	Qty
12-915	ROUND HD RATCHET 10-1/2	1
12-917	HINGE HANDLE 12	1
12-918	HINGE HANDLE 17	1
12-921	EXTENSION 2	1
12-923	EXTENSION 5	1
12-924	EXTENSION 10	1
12-927	EXTENSION 20	1
12-935	SPEEDER 19	1
12-938	T-HANDLE	1
12-947	UNIVERSAL JOINT	1
12-951	ADAPTER 3/8 MALE	1
12-952	ADAPTER 3/4 MALE	1
12-972	RATCHET 10-1/2	1
12-973	RATCHET 15	1
12-974	FLX HD RATCH 14-1/4	1

95-928

3/8" & 1/2" Drive Metric Sockets

Product	Description	Qty
3/8" DRIVE		
38-106	6MM 12PT SKT	1
38-107	7MM 12PT SKT	1
38-108	8MM 12PT SKT	1
38-109	9MM 12PT SKT	1
38-110	10MM 12PT SKT	1
38-111	11MM 12PT SKT	1
38-112	12MM 12PT SKT	1
38-113	13MM 12PT SKT	1
38-114	14MM 12PT SKT	1
38-115	15MM 12PT SKT	1
38-116	16MM 12PT SKT	1
38-117	17MM 12PT SKT	1
38-118	18MM 12PT SKT	1
38-119	19MM 12PT SKT	1
38-120	20MM 12PT SKT	1
38-121	21MM 12PT SKT	1
38-122	22MM 12PT SKT	1
38-306	6MM 12PT DEEP SKT	1
38-307	7MM 12PT DEEP SKT	1
38-308	8MM 12PT DEEP SKT	1
38-309	9MM 12PT DEEP SKT	1
38-310	10MM 12PT DEEP SKT	1
38-311	11MM 12PT DEEP SKT	1
38-312	12MM 12PT DEEP SKT	1
38-313	13MM 12PT DEEP SKT	1
38-314	14MM 12PT DEEP SKT	1
38-315	15MM 12PT DEEP SKT	1
38-316	16MM 12PT DEEP SKT	1
38-317	17MM 12PT DEEP SKT	1
38-318	18MM 12PT DEEP SKT	1
38-319	19MM 12PT DEEP SKT	1
38-320	20MM 12PT DEEP SKT	1
38-321	21MM 12PT DEEP SKT	1
38-322	22MM 12PT DEEP SKT	1
38-705	3MM HEXDRVR SKT	1
38-707	4MM HEXDRVR SKT	1
38-709	5MM HEXDRVR SKT	1
38-711	6MM HEXDRVR SKT	1
38-712	7MM HEXDRVR SKT	1
38-713	8MM HEXDRVR SKT	1
38-714	9MM HEXDRVR SKT	1
38-715	10MM HEXDRVR SKT	1
1/2" DRIVE		
39-110	10MM 12PT SKT	1
39-111	11MM 12PT SKT	1
39-112	12MM 12PT SKT	1
39-113	13MM 12PT SKT	1
39-114	14MM 12PT SKT	1
39-115	15MM 12PT SKT	1
39-116	16MM 12PT SKT	1
39-117	17MM 12PT SKT	1
39-118	18MM 12PT SKT	1
39-119	19MM 12PT SKT	1
39-120	20MM 12PT SKT	1
39-121	21MM 12PT SKT	1
39-122	22MM 12PT SKT	1
39-123	23MM 12PT SKT	1
39-124	24MM 12PT SKT	1
39-125	25MM 12PT SKT	1
39-126	26MM 12PT SKT	1
39-127	27MM 12PT SKT	1
39-128	28MM 12PT SKT	1
39-129	29MM 12PT SKT	1
39-130	30MM 12PT SKT	1
39-132	32MM 12PT SKT	1
39-136	36MM 12PT SKT	1
39-310	10MM 12PT DEEP SKT	1
39-311	11MM 12PT DEEP SKT	1
39-312	12MM 12PT DEEP SKT	1
39-313	13MM 12PT DEEP SKT	1
39-314	14MM 12PT DEEP SKT	1
39-315	15MM 12PT DEEP SKT	1
39-316	16MM 12PT DEEP SKT	1
39-317	17MM 12PT DEEP SKT	1
39-318	18MM 12PT DEEP SKT	1
39-319	19MM 12PT DEEP SKT	1
39-320	20MM 12PT DEEP SKT	1
39-321	21MM 12PT DEEP SKT	1
39-322	22MM 12PT DEEP SKT	1
39-323	23MM 12PT DEEP SKT	1
39-324	24MM 12PT DEEP SKT	1
39-325	25MM 12PT DEEP SKT	1
39-326	26MM 12PT DEEP SKT	1
39-327	27MM 12PT DEEP SKT	1
39-328	28MM 12PT DEEP SKT	1
39-329	29MM 12PT DEEP SKT	1
39-330	30MM 12PT DEEP SKT	1
39-332	32MM 12PT DEEP SKT	1
39-711	6MM HEXDRVR SKT	1
39-713	8MM HEXDRVR SKT	1
39-715	10MM HEXDRVR SKT	1
39-717	12MM HEXDRVR SKT	1
39-719	14MM HEXDRVR SKT	1
39-722	17MM HEXDRVR SKT	1
39-724	19MM HEXDRVR SKT	1

95-929

3/4" Drive Sockets and Drive Tools

Product	Description	Qty
13-124	3/4" 12PT SKT	1
13-126	13/16" 12PT SKT	1
13-128	7/8" 12PT SKT	1
13-130	15/16" 12PT SKT	1
13-132	1" 12PT SKT	1
13-134	1-1/16" 12PT SKT	1
13-136	1-1/8" 12PT SKT	1
13-138	1-3/16" 12PT SKT	1
13-140	1-1/4" 12PT SKT	1
13-142	1-5/16" 12PT SKT	1
13-144	1-3/8" 12PT SKT	1
13-146	1-7/16" 12PT SKT	1
13-148	1-1/2" 12PT SKT	1
13-150	1-9/16" 12PT SKT	1

13-152	1-5/8" 12PT SKT	1
13-154	1-11/16" 12PT SKT	1
13-156	1-3/4" 12PT SKT	1
13-158	1-13/16" 12PT SKT	1
13-160	1-7/8" 12PT SKT	1
13-164	2" 12PT SKT	1
13-328	7/8" 12PT DEEP SKT	1
13-330	15/16" 12PT DEEP SKT	1
13-332	1" 12PT DEEP SKT	1
13-334	1-1/16" 12PT DEEP SKT	1
13-336	1-1/8" 12PT DEEP SKT	1
13-340	1-1/4" 12PT DEEP SKT	1
13-342	1-5/16" 12PT DEEP SKT	1
13-344	1-3/8" 12PT DEEP SKT	1
13-346	1-7/16" 12PT DEEP SKT	1
13-348	1-1/2" 12PT DEEP SKT	1
13-352	1-5/8" 12PT DEEP SKT	1
13-918	22" HINGE HANDLE	1
13-922	5" EXTENSION	1
13-923	8" EXTENSION	1
13-925	15-1/2" EXTENSION	1
13-938	T-HANDLE	1
13-947	UNIVERSAL JOINT	1
13-951	ADAPTER 1/2 MALE	1
13-952	ADAPTER 1 MALE	1
13-972	19" RATCHET	1

95-930

Combination Wrenches

Product	Description	Qty
25-004	1/8" 6PT SHORT	1
25-005	5/32" 6PT SHORT	1
25-006	3/16" 6PT SHORT	1
25-007	7/32" 6PT SHORT	1
25-108	1/4" 12PT SHORT	1
25-110	5/16" 12PT SHORT	1
25-111	11/32" 12PT SHORT	1
25-112	3/8" 12PT SHORT	1
25-114	7/16" 12PT SHORT	1
25-116	1/2" 12PT SHORT	1
25-118	9/16" 12PT SHORT	1
25-120	5/8" 12PT SHORT	1
25-122	11/16" 12PT SHORT	1
25-124	3/4" 12PT SHORT	1
25-126	13/16" 12PT SHORT	1
25-128	7/8" 12PT SHORT	1
25-130	15/16" 12PT SHORT	1
25-132	1" 12PT SHORT	1
25-208	1/4" 12PT LONG	1
25-210	5/16" 12PT LONG	1
25-211	11/32" 12PT LONG	1
25-212	3/8" 12PT LONG	1
25-214	7/16" 12PT LONG	1
25-216	1/2" 12PT LONG	1
25-218	9/16" 12PT LONG	1
25-220	5/8" 12PT LONG	1
25-222	11/16" 12PT LONG	1
25-224	3/4" 12PT LONG	1
25-226	13/16" 12PT LONG	1
25-228	7/8" 12PT LONG	1
25-230	15/16" 12PT LONG	1
25-232	1" 12PT LONG	1
25-234	1-1/16" 12PT LONG	1
25-236	1-1/8" 12PT LONG	1
25-240	1-1/4" 12PT LONG	1

95-931

Adjustable Wrenches

Product	Description	Qty
28-404	4" CHROME	1
28-406	6" CHROME	1
28-408	8" CHROME	1
28-410	10" CHROME	1
28-412	12" CHROME	1
28-415	15" CHROME	1
28-454	4" CUSHION GRIP	1
28-456	6" CUSHION GRIP	1
28-458	8" CUSHION GRIP	1
28-460	10" CUSHION GRIP	1
28-462	12" CUSHION GRIP	1
34-404	4" BLACK	1
34-406	6" BLACK	1
34-408	8" BLACK	1
34-410	10" BLACK	1
34-412	12" BLACK	1
34-415	15" BLACK	1

95-932

Metric Combination Wrenches

Product	Description	Qty
52-004	4MM 6PT SHORT	1
52-005	5MM 6PT SHORT	1
52-083	5.5MM 6PT SHORT	1
52-006	6MM 6PT SHORT	1
52-007	7MM 6PT SHORT	1
52-008	8MM 6PT SHORT	1
52-109	9MM 12PT SHORT	1
52-110	10MM 12PT SHORT	1
52-111	11MM 12PT SHORT	1
52-112	12MM 12PT SHORT	1
52-113	13MM 12PT SHORT	1
52-114	14MM 12PT SHORT	1
52-115	15MM 12PT SHORT	1
52-116	16MM 12PT SHORT	1
52-117	17MM 12PT SHORT	1
52-118	18MM 12PT SHORT	1
52-119	19MM 12PT SHORT	1
52-206	6MM 12PT LONG	1
52-207	7MM 12PT LONG	1
52-208	8MM 12PT LONG	1
52-209	9MM 12PT LONG	1
52-210	10MM 12PT LONG	1
52-211	11MM 12PT LONG	1
52-212	12MM 12PT LONG	1
52-213	13MM 12PT LONG	1
52-214	14MM 12PT LONG	1
52-215	15MM 12PT LONG	1
52-216	16MM 12PT LONG	1
52-217	17MM 12PT LONG	1
52-218	18MM 12PT LONG	1
52-219	19MM 12PT LONG	1
52-220	20MM 12PT LONG	1
52-221	21MM 12PT LONG	1
52-222	22MM 12PT LONG	1
52-223	23MM 12PT LONG	1
52-224	24MM 12PT LONG	1
52-225	25MM 12PT LONG	1
52-226	26MM 12PT LONG	1
52-227	27MM 12PT LONG	1
52-228	28MM 12PT LONG	1
52-229	29MM 12PT LONG	1
52-230	30MM 12PT LONG	1

95-934

Open End Wrenches

Product	Description	Qty
26-022	1/4 X 5/16	1
26-034	5/16 X 3/8	1
26-043	3/8 X 7/16	1
26-046	3/8 X 1/2	1
26-058	7/16 X 1/2	1
26-064	7/16 X 9/16	1
26-067	1/2 X 9/16	1
26-079	9/16 X 5/8	1
26-094	5/8 X 11/16	1
26-097	5/8 X 3/4	1
26-106	11/16 X 3/4	1
26-121	3/4 X 13/16	1
26-124	3/4 X 7/8	1
26-139	7/8 X 15/16	1
26-145	7/8 X 1-1/16	1
26-151	15/16 X 1	1
26-163	1 X 1-1/8	1
26-166	1-1/16 X 1-1/8	1
26-169	1-1/16 X 1-1/4	1
26-172	1-1/8 X 1-1/4	1

95-935

Specialty Wrenches

Product	Description	Qty
26-643	3/8X7/16 12PT 15° BOX	1
26-658	7/16X1/2 12PT 15° BOX	1
26-667	1/2X9/16 12PT 15° BOX	1
26-679	9/16X5/8 12PT 15° BOX	1
26-697	5/8X3/4 12PT 15° BOX	1
26-706	11/16X3/4 12PT 15° BOX	1
26-724	3/4X7/8 12PT 15° BOX	1
26-751	13/16X7/8 12PT 15° BOX	1
27-343	3/8X7/16 12PT 45° BOX	1
27-358	7/16X1/2 12PT 45° BOX	1
27-367	1/2X9/16 12PT 45° BOX	1
27-379	9/16X5/8 12PT 45° BOX	1
27-394	5/8X11/16 12PT 45° BOX	1
27-397	5/8X3/4 12PT 45° BOX	1
27-424	3/4X7/8 12PT 45° BOX	1
27-451	15/16X1 12PT 45° BOX	1
27-643	3/8X7/16 TAPPET	1
27-658	7/16X1/2 TAPPET	1
27-667	1/2X9/16 TAPPET	1
27-694	5/8X11/16 TAPPET	1
27-724	3/4X7/8 TAPPET	1
27-751	15/16X1 TAPPET	1
28-130	3/8X7/16 FLARE NUT	1
28-135	1/2X9/16 FLARE NUT	1
28-140	5/8X11/16 FLARE NUT	1
28-145	3/4X1 FLARE NUT	1
28-150	7/8X1-1/8 FLARE NUT	1

95-936

Industrial Finish Combination Wrenches

Product	Description	Qty
30-108	1/4" 12PT SHORT	1
30-110	5/16" 12PT SHORT	1
30-112	3/8" 12PT SHORT	1
30-114	7/16" 12PT SHORT	1
30-116	1/2" 12PT SHORT	1
30-118	9/16" 12PT SHORT	1
30-120	5/8" 12PT SHORT	1
30-122	11/16" 12PT SHORT	1
30-124	3/4" 12PT SHORT	1
30-126	13/16" 12PT SHORT	1
30-128	7/8" 12PT SHORT	1
30-130	15/16" 12PT SHORT	1
30-132	1" 12PT SHORT	1
30-208	1/4" 12PT LONG	1
30-210	5/16" 12PT LONG	1
30-211	11/32" 12PT LONG	1
30-212	3/8" 12PT LONG	1
30-214	7/16" 12PT LONG	1
30-216	1/2" 12PT LONG	1
30-218	9/16" 12PT LONG	1
30-220	5/8" 12PT LONG	1
30-222	11/16" 12PT LONG	1
30-224	3/4" 12PT LONG	1
30-226	13/16" 12PT LONG	1
30-228	7/8" 12PT LONG	1
30-230	15/16" 12PT LONG	1
30-232	1" 12PT LONG	1
30-234	1-1/16" 12PT LONG	1
30-236	1-1/8" 12PT LONG	1
30-240	1-1/4" 12PT LONG	1

95-937

Pipe Wrenches

Product	Description	Qty
73-006	6" STRAIGHT	1
73-008	8" STRAIGHT	1
73-010	10" STRAIGHT	1
73-012	12" STRAIGHT	1
73-014	14" STRAIGHT	1
73-018	18" STRAIGHT	1
73-024	24" STRAIGHT	1

95-938

Torque Wrenches

Product	Description	Qty
64-005	CLICKER 1/4DR 3-36 IN/LB	1
64-032	CLICKER 1/4DR 20-200 IN/LB	1
64-041	CLICKER 3/8DR 25-250 IN/LB	1
64-046	CLICKER 3/8DR 10-100 FT/LB	1
64-084	CLICKER 1/2DR 10-100 FT/LB	1
64-085	CLICKER 1/2DR 15-150 FT/LB	1
64-086	CLICKER 1/2DR 25-250 FT/LB	1
64-352	DIAL 3/8DR 0-250 IN/LB	1
64-740	BEAM 1/2DR 0-150 FT/LB	1

95-940

Soft Face Hammers & Tips

Product	Description	Qty
69-003	HAMMER 8 OZ 1" HEAD	1
69-009	HAMMER 12 OZ 1-1/2" HEAD	1
69-011	HAMMER 1 LB 1-1/2" HEAD	1
69-013	HAMMER 1-1/4lb 1-1/2" HEAD	1
69-017	HAMMER 1-1/4 LB 2" HEAD	1
69-019	HAMMER 2 LB 2" HEAD	1
69-142	TIP 1" SOFT BROWN	1
69-143	TIP 1" MED RED	1
69-145	TIP 1" TOUGH GREEN	1
69-146	TIP 1" MED HARD CREAM	1
69-148	TIP 1" HARD BLCK	1
69-149	TIP 1" EX-HARD YELLOW	1
69-152	TIP 1-1/2" SOFT BROWN	1
69-153	TIP 1-1/2" MED RED	1
69-155	TIP 1-1/2" TOUGH GREEN	1
69-156	TIP 1-1/2" MED HARD CREAM	1
69-158	TIP 1-1/2" HARD BLCK	1
69-159	TIP 1-1/2" EX-HARD YELLOW	1
69-162	TIP 2" SOFT BROWN	1
69-163	TIP 2" MED RED	1
69-165	TIP 2" TOUGH GREEN	1
69-166	TIP 2" MED HARD CREAM	1
69-168	TIP 2" HARD BLACK	1
69-169	TIP 2" EX-HARD YELLOW	1
69-172	TIP 2-1/2" SOFT BROWN	1
69-173	TIP 2-1/2" MED RED	1
69-175	TIP 2-1/2" TOUGH GREEN	1
69-176	TIP 2-1/2" MED HARD CREAM	1
69-178	TIP 2-1/2" HARD BLACK	1
69-179	TIP 2-1/2" EX-HARD YELLOW	1

95-941

Hammers

Product	Description	Qty
69-442	BALL PEIN 4 OZ HICKORY	1
69-444	BALL PEIN 8 OZ HICKORY	1
69-446	BALL PEIN 12 OZ HICKORY	1
69-448	BALL PEIN 1 LB HICKORY	1
69-450	BALL PEIN 1-1/2 LB HICKORY	1
69-452	BALL PEIN 2 LB HICKORY	1
69-503	2 LB POWER DRIVE	1
69-505	3 LB POWER DRIVE	1
69-513	1-1/2 LB BRASS	1
69-515	2-1/2 LB BRASS	1

95-945

Punches and Chisels

Product	Description	Qty
70-101	PIN PUNCH 1/16 PT	2
70-103	PIN PUNCH 3/32 PT	2
70-105	PIN PUNCH 1/8 PT	2
70-107	PIN PUNCH 5/32 PT	2
70-109	PIN PUNCH 3/16 PT	2
70-129	PIN PUNCH 7/32 PT	2
70-131	PIN PUNCH 1/4 PT	2
70-133	PIN PUNCH 5/16 PT	2
70-187	TAPER PUNCH 3/32 PT	2
70-189	TAPER PUNCH 1/8 PT	2
70-191	TAPER PUNCH 5/32 PT	2
70-193	TAPER PUNCH 3/16 PT	2
70-195	TAPER PUNCH 7/32 PT	2
70-197	TAPER PUNCH 1/4 PT	2
70-199	TAPER PUNCH 5/16 PT	2
70-201	TAPER PUNCH 3/8 PT	2
70-221	ALIGNING PUNCH 5/16 PT	2
70-231	CENTER PUNCH 1/4 HEX	2
70-233	CENTER PUNCH 5/16 HEX	2
70-235	CENTER PUNCH 3/8 HEX	2
70-239	CENTER PUNCH 1/2 HEX	2
70-241	CENTER PUNCH 5/8 HEX	2
70-251	PRICK PUNCH 1/4 HEX	2
70-253	PRICK PUNCH 5/16 HEX	2
70-255	PRICK PUNCH 3/8 HEX	2
70-301	STD COLD CHISEL 1/4 CUT	2
70-303	STD COLD CHISEL 5/16 CUT	2
70-305	STD COLD CHISEL 3/8 CUT	2
70-307	STD COLD CHISEL 7/16 CUT	2
70-309	STD COLD CHISEL 1/2 CUT	2
70-311	STD COLD CHISEL 5/8 CUT	2
70-313	STD COLD CHISEL 3/4 CUT	2
70-315	STD COLD CHISEL 7/8 CUT	2
70-317	STD COLD CHISEL 1 CUT	2
70-319	STD COLD CHISEL 1-1/8 CUT	2
70-347	12 COLD CHISEL 5/8 CUT	2
70-353	12 COLD CHISEL 3/4 CUT	2
70-361	12 COLD CHISEL 7/8 CUT	2
70-367	12 COLD CHISEL 1 CUT	2
70-531	PRY BAR W/HDL 3/8 SQ X 12	1
70-533	PRY BAR W/HDL 3/8 SQ X 12	1
70-535	PRY BAR W/HDL 1/2 SQ X 18	1
70-865	HACKSAW 10-12" BLADE	1

95-950

Deep Throat C-Clamps

Product	Description	Qty
78-401	0 TO 1-1/2	1
78-402	0 TO 2	1
78-403	0 TO 3	1
78-404	0 TO 4	1
78-406	0 TO 6	1
78-408	0 TO 8	1
78-410	3 TO 10	1

95-955

Screwdrivers - Plain Handle

Product	Description	Qty
66-102	1/4 X 4 ROUND	1
66-103	5/16 X 6 ROUND	1
66-106	3/8 X 8 ROUND	1
66-108	3/8 X 10 ROUND	1
66-150	#2 STUBBY PHILLIPS	1
66-152	#0 1/8 X 2.5 PHILLIPS	1
66-153	#1 3/16 X 3 PHILLIPS	1
66-156	#2 1/4 X 4 PHILLIPS	1
66-161	#3 5/16 X 6 PHILLIPS	1
66-164	#4 3/8 X 8 PHILLIPS	1
66-232	STUBBY SQUARE	1
66-203	3/16 X 4 SQUARE	1
66-208	1/4 X 4 SQUARE	1
66-211	1/4 X 6 SQUARE	1
66-218	5/16 X 4 SQUARE	1
66-217	5/16 X 6 SQUARE	1
66-220	3/8 X 8 SQUARE	1
66-221	3/8 X 10 SQUARE	1
66-253	1/8 X 3.5 CABINET	1
66-261	3/16 X 3 CABINET	1
66-262	3/16 X 4 CABINET	1
66-265	3/16 X 5 CABINET	1
66-267	3/16 X 6 CABINET	1
66-268	3/16 X 8 CABINET	1
66-321	T10 3/16 X 3 TORX	1
66-323	T15 3/16 X 3 TORX	1
66-326	T20 3/16 X 3 TORX	1
66-327	T25 3/16 X 3 TORX	1
66-329	T27 1/4 X 4 TORX	1
66-330	T30 1/4 X 4 TORX	1

95-956

Cushion Grip Screwdrivers, Nut Drivers, Screw Starters

Product	Description	Qty
66-501	1/4 X 4 ROUND	1
66-504	5/16 X 6 ROUND	1
66-507	3/8 X 8 ROUND	1
66-521	#2 STUBBY PHILLIPS	1
66-524	#1 3/16 X 3 PHILLIPS	1
66-527	#2 1/4 X 4 PHILLIPS	1
66-530	#3 5/16 X 6 PHILLIPS	1
66-541	STUBBY SQUARE	1
66-544	1/4 X 4 SQUARE	1
66-547	5/16 X 6 SQUARE	1
66-550	3/8 X 8 SQUARE	1
66-553	3/8 X 10 SQUARE	1
66-561	3/16 X 3 CABINET	1
66-564	3/16 X 6 CABINET	1
66-567	3/16 X 8 CABINET	1
66-570	3/16 X 10 CABINET	1
66-806	3/16 HEX NUTDRVR	1
66-807	7/32 HEX NUTDRVR	1
66-808	1/4 HEX NUTDRVR	1
66-809	9/32 HEX NUTDRVR	1
66-810	5/16 HEX NUTDRVR	1
66-811	11/32 HEX NUTDRVR	1
66-812	3/8 HEX NUTDRVR	1
66-814	7/16 HEX NUTDRVR	1
66-816	1/2 HEX NUTDRVR	1
66-818	9/16 HEX NUTDRVR	1
66-820	5/8 HEX NUTDRVR	1
66-924	5" STARTER/SLOTTED	1
66-927	9" STARTER/SLOTTED	1
66-933	5" STARTER/PHILLIPS	1
66-936	9" STARTER/PHILLIPS	1
66-943	5" NUT STARTER	1

95-960

Pliers - Cushion Grip

Product	Description	Qty
67-065	7-1/4" LINEMAN'S	1
67-067	8-1/2" LINEMAN'S	1
67-069	9-1/4" LINEMAN'S	1
67-113	8" HVY DUTY DIAG CUTTING	1
67-123	8" HD CUTTING ANGL HEAD	1
67-155	4-3/16" DIAG CUTTING	1
67-159	5-1/2" DIAG CUTTING	1
67-161	6" DIAG CUTTING	1
67-163	7-11/16" DIAG CUTTING	1
67-257	6-5/8" CHAIN NS W/O CUTTER	1
67-305	6-5/8" CHAIN NS W CUTTER	1
67-307	7-1/8" CHAIN NS W/O CUTTE	1
67-367	6-5/8" LONG SLIM NEEDLE NS	1
67-369	6-5/8" SLIM SPRG NEEDLE NS	1
67-401	6-1/4" BENT NEEDLE NS	1
67-503	8" LG REACH DUCKBILL	1
67-535	8-1/2" END CUTTING NIPPER	1
67-667	6-1/2" COMB SLIP JOINT	1
67-669	8" COMB SLIP JOINT	1
67-777	6-1/2" TONGUE & GROOVE	1
67-779	10" TONGUE & GROOVE	1
67-781	12" TONGUE & GROOVE	1

95-900

Universal Board Package

(create a custom merchandiser with a board, a blank overlay and hooks)

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HANDS-ON-SAFETY TOOL KIT



At Armstrong Industrial Hand Tools, we understand the importance of safety in the workplace. As part of our Safety Training Program, we offer a complete kit that includes tools for demonstration and helpful tips on the proper identification, inspection, selection, usage, maintenance and storage of your hand tools. The purpose of this Hands-on-Safety Tool Kit is to help toward maximizing performance, minimize downtime and most important avoiding injury.

KIT Number 98-751

KIT ITEMS

Armstrong® Tools

- 4 Combination Wrenches (9/16")
- 3 Ratchets (3/8" Drive)
- 6 Laser-etched EYE-D Sockets
- 1 Impact Locking Extension

Training Materials

- Audio Visual Program • *89081-33*
- Safety Presentation • *89081-32*
- Participant Quiz • *89081-06*
- Participant Certificate • *89081-07*
- Hard Hat Stickers • *89081-05*
- Participant Sign-In Sheet • *89081-08*
- Safety Brochure • *89081-30*
- Safety CD • *89081-31*

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