PROTO®



INDUSTRIAL TOOLS

FULL LINE PRODUCT CATALOG





DIGITAL CATALOG AVAILABLE NOW

SCAN FOR MORE DETAIL

PROTO®

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TOOLS YOU CAN COUNT ON

PROTO® tools are built to be there when you need them most, every single time. We rigorously test our products to meet your most crucial needs in harsh work environments.For 119 years and counting, our passion and products have been fueled by you—the hard workers we serve.

PRODUCT INNOVATION

AEROSPACE PROGRAM

Over 1,500 SKUs meet Aerospace (AS) plating and dimensional standards to help promote safety and efficiency.





PRECISION 90 PLATFORM

90 tooth count equals 4° arc swing to help improve accessibility in obstructed areas.

KITTED SETS

Foamed Modular Sets and Foamed Master Sets. Helps reduce foreign object debris, improve tool identification and increase productivity.



PROTO®

BUILT BEYOND STRONG

SAFETY OBSESSED

Safety is the backbone of everything we do, from our precision-manufactured products that deliver safety solutions to our robust safety training program. At the end of every day, it's about getting you back home to your family.

INDUSTRIAL STRENGTH

PROTO tools stand up to work in the toughest places on earth, from the arctic tundra, to oil rigs, factory floors, and anywhere in between. Where there's a job, PROTO has an industrial-strength tool to get it done.

BUILT-IN RELIABILITY

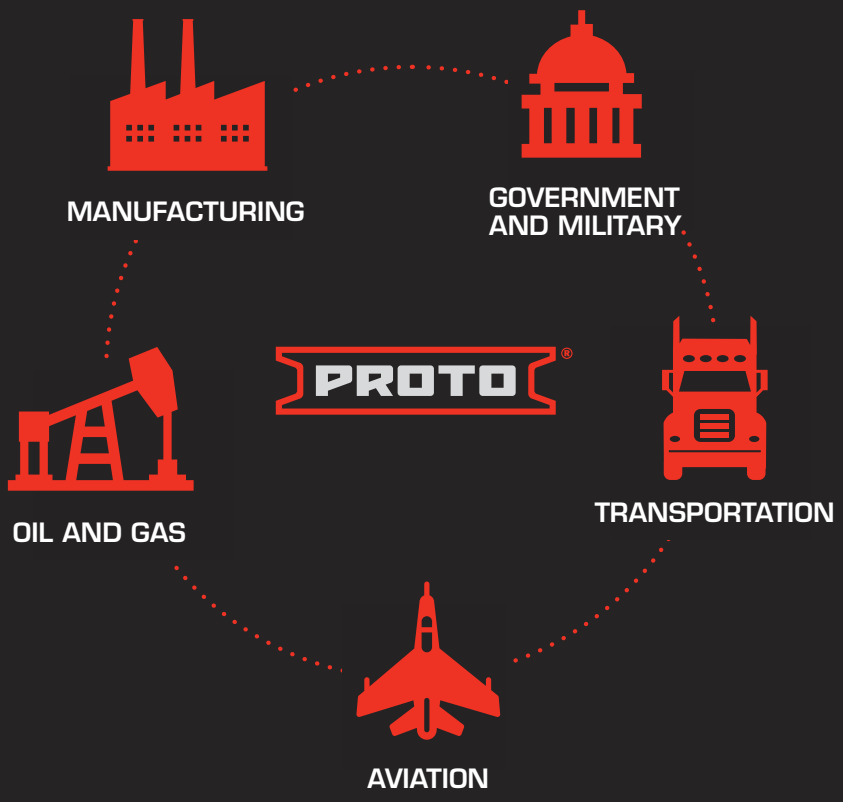
We meticulously design and deliver durable tools to meet high standards and help keep you working safer for longer. PROTO tools are built to last, so you can always be confident in your investment and in your work.





TRUSTED BY INDUSTRY

When you're working around the clock to keep the nation going, every move has widespread implications. It's across these heavy, high-stakes industries that workers rely on quality tools from PROTO. They're built to perform in demanding environments and help workers come through under pressure.

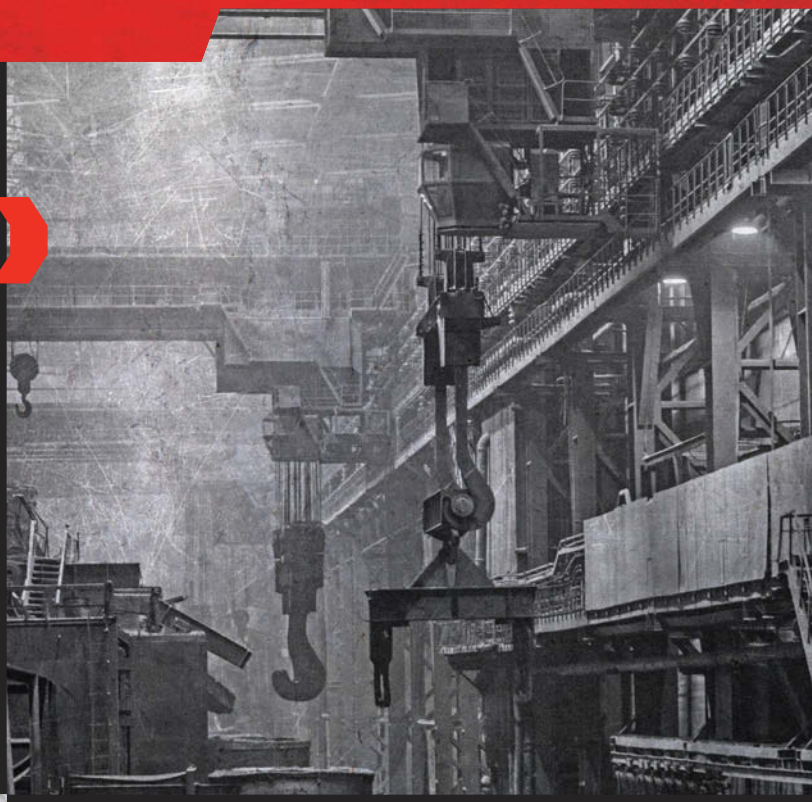


For Country Of Origin information, reach out to Customer Service at inquiry@sbdinc.com or 1-800-800-TOOL (8665)

PROTO®

DELIVERING REAL BENEFITS

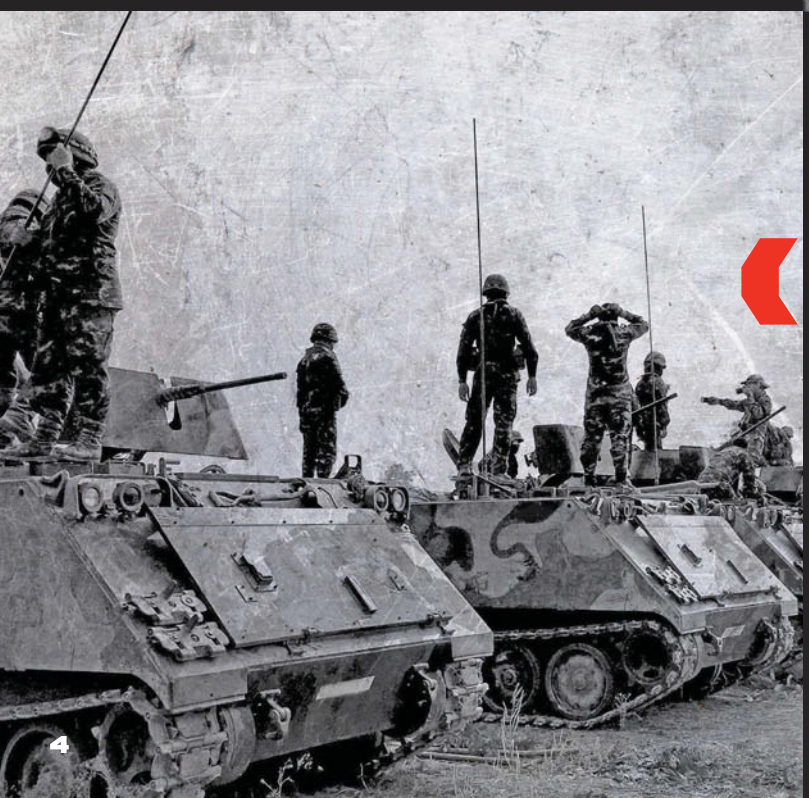
TO THE INDUSTRIES WE SERVE



MANUFACTURING

Take on the demands of the plant and maintain machinery that keeps your facility running.

- Machinery, CNC equipment, and conveyor systems repair and parts assembly.
- Kitted foamed modular sets and metal storage help promote 5S organization, productivity, and safety.



GOVERNMENT & MILITARY

Jump into action with durable tools made to tackle mission-critical jobs.

- Strong partnership with GSA-compliant distributors.



OIL & GAS

Explore, extract, refine, and transport the energy sources that keep America going.

- Handle crucial jobs under pressure.



TRANSPORTATION

Keep the country moving with hard-working tools that will hold up.

- Rail and fleet maintenance and repair.
- Specialty sockets, wrenches, and sets stand up to the toughest work.



AVIATION

Get the durability and precision you demand from aerospace-compliant tools.

- Engine repair and maintenance of high-value assets and parts.
- AS-compliant sockets, ratchets, and wrenches enhance accessibility in tight areas.





PROTO®

- Tools & Storage
- Industrial Strength
- Industrial Solutions
- Full Lifetime Warranty
- Safety Obsessed
- Trusted Distribution Partners





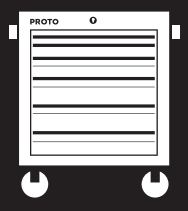
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FULL RANGE OF OPTIONS

Series	Available Depths (in)	Available Lengths (in)	Slide Capacity (lbs)	Casters (in)	Caster Load Capacity (lbs)	Steel Construction	Available Power Drawer
560S	21-3/8	30, 45	400/ea	6 x 2	800/ea	12, 13, 14, 20 gauge	No
550S	25-1/4, 27	88, 67, 66, 50, 34	125-200/ea	6 x 2	900/ea	14, 16, 18 gauge	Yes
Velocity	22	27, 42, 55	125/ea	5 x 2	450/ea	18 gauge	No





560 SERIES BUILT FOR STRENGTH

OUR MOST RUGGED TOOL STORAGE

The 560 Series offers premium, industrial strength for your heaviest loads.

COLOR RANGE

DURA DRAWER

SG
SAFETY
RED & GRAY

HERITAGE GLOSS

RD
GLOSS
RED

BK
GLOSS
BLACK

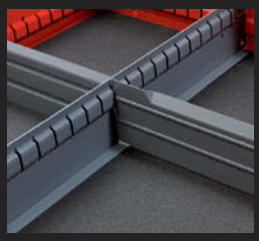
BL
GLOSS
BLUE



Lock-in, lock-out drawers for security and safety.

Drawer capacity slides rated to 400 lbs.

Drawer dividers make each drawer custom configurable.



6" casters — 2 swivel, 2 rigid — load-rated to carry 800 lbs per caster.

560 SERIES 45" WORKSTATION - 10 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lbs)
45	42-1/2	21-3/8	24,457	400



Drawer Configuration

42-1/2" W x 4-5/8" H	
20-1/4" W x 3" H	20-1/4" W x 3-7/8" H
20-1/4" W x 3" H	20-1/4" W x 4-5/8" H
20-1/4" W x 7" H	20-1/4" W x 4-5/8" H
20-1/4" W x 12-1/2" H	20-1/4" W x 4-5/8" H
	20-1/4" W x 7-7/8" H

Drawer Depth: 19-7/8"

DURA DRAWER

Product #	Color
J564542-10SG	Safety Red & Gray

HERITAGE GLOSS

Product #	Color
J564542-10RD	Gloss Red
J564542-10BK	Gloss Black
J564542-10BL	Gloss Blue

560 SERIES 45" WORKSTATION - 6 DRAWER & 1 SHELF

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lbs)
45	42-1/2	21-3/8	24,498	390



Drawer Configuration

42-1/2" W x 4-5/8" H	
20-1/4" W x 21-1/2" H	20-1/4" W x 3-7/8" H
	20-1/4" W x 4-5/8" H
	20-1/4" W x 4-5/8" H
	20-1/4" W x 4-5/8" H
	20-1/4" W x 7-7/8" H

Drawer Depth: 19-7/8"

DURA DRAWER

Product #	Color
J564542-6SG-1S	Safety Red & Gray

HERITAGE GLOSS

Product #	Color
J564542-6RD-1S	Gloss Red
J564542-6BK-1S	Gloss Black
J564542-6BL-1S	Gloss Blue

560 SERIES 30" ROLLER CABINET - 6 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lbs)
30	42-1/2	21-3/8	15,965	354



Drawer Configuration

20-1/4" W x 3" H
20-1/4" W x 3-7/8" H
20-1/4" W x 3-7/8" H
20-1/4" W x 4-5/8" H
20-1/4" W x 6-1/4" H
20-1/4" W x 9-3/8" H

Drawer Depth: 19-7/8"

DURA DRAWER

Product #	Color
J563042-6SG	Safety Red & Gray

HERITAGE GLOSS

Product #	Color
J563042-6RD	Gloss Red
J563042-6BK	Gloss Black
J563042-6BL	Gloss Blue

550 SERIES BUILT FOR INDUSTRIAL VERSATILITY

WORKSTATIONS, TOP PIECES, AND SIDE CABINETS

The 550 Series offers the largest selection of industrial tool storage options featuring premium, heavy gauge steel, fully extending drawers with up to 200 lbs slide capacity, and casters that hold up to 900 lbs each.

SEVEN DIFFERENT PLATFORM WIDTHS

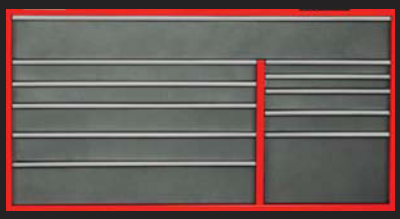
From 34 inches to 88 inches allow these tool boxes to fit into any workspace.



TRIPLES DOUBLES SINGLES

MORE DRAWER CONFIGURATIONS

From narrow to full width, 22 drawers to 4, as well as power drawers, to fit your full assortment of tools.



COLOR RANGE

DURA DRAWER

SG — SAFETY RED & GRAY

HERITAGE GLOSS

RD — GLOSS RED

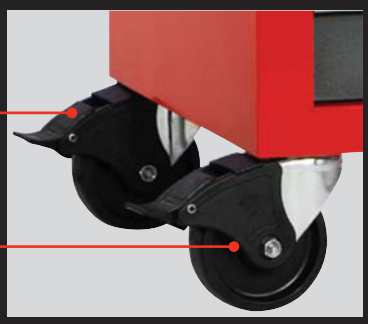
BK — GLOSS BLACK

BL — GLOSS BLUE

HIGH IMPACT CASTERS

High impact glass filled nylon resin wheels and locks that are resistant to water and most chemicals.

900 lb load capacity each.



Made of industrial strength 14, 16, and 18 gauge steel.

Reinforced top and bottom panes to carry extra weight loads.

Heavy-duty locks with tubular keys.

Integrated brushed aluminum drawer pulls for added drawer rigidity.

100% fully extending and recessed drawer pulls.

Ergonomic metal side handle for easy gripping and handling.

Ball-bearing slides provide 125 to 200 lb of drawer load capacity.

Adjustable drawer detents ensure drawers stay shut when the box is unlocked.

6" x 2" casters with a 900 lb load capacity each.

Workstations provide up to 48,654 cubic inches of storage. Add even more space with top and side pieces.

ITEMS SHOWN:
J558846B-21BK
J558827B-15BK
J552665B-6BK-LK

Vinyl top and drawer liners included.

Gloss Black Option Shown.

550S 88" WORKSTATION 21 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
88-1/4	46-3/8	27	48,115	1,238

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 24-3/4"

18-5/8" W x 6-7/8" H	59" W x 4-1/2" H	
18-5/8" W x 2-1/4" H	59" W x 4-1 /2" H	
18-5/8" W x 2-1/4" H	37-3/8" W x 2-1/4" H	18-5/8" W x 2-1/4" H
18-5/8" W x 2-1/4" H	37-3/8" W x 3-3/8" H	18-5/8" W x 2-1/4" H
18-5/8" W x 2-1/4" H	37-3/8" W x 3-3/8" H	18-5/8" W x 2-1/4" H
18-5/8" W x 3-3/8" H		18-5/8" W x 3-3/8" H
18-5/8" W x 3-3/8" H	37-3/8" W x 4-1/2" H	18-5/8" W x 3-3/8" H
18-5/8" W x 6-7/8" H	37-3/8" W x 6-7/8" H	18-5/8" W x 6-7/8" H

DURA DRAWER	
Product #	Color
J558846B-21SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	Color
J558846B-21RD	Gloss Red
J558846B-21BK	Gloss Black
J558846B-21BL	Gloss Blue

550S 88" WORKSTATION 19 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
88-1/4	46-3/8	27	48,654	1,238

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 24-3/4"

18-5/8" W x 6-7/8" H	59" W x 4-1/2" H	
18-5/8" W x 2-1/4" H	59" W x 4-1 /2" H	
18-5/8" W x 2-1/4" H	37-3/8" W x 2-1/4" H	18-5/8" W x 2-1/4" H
18-5/8" W x 3-3/8" H	37-3/8" W x 3-3/8" H	18-5/8" W x 2-1/4" H
18-5/8" W x 3-3/8" H	37-3/8" W x 3-3/8" H	18-5/8" W x 2-1/4" H
18-5/8" W x 11-1/2" H		18-5/8" W x 3-3/8" H
	37-3/8" W x 4-1/2" H	18-5/8" W x 3-3/8" H
	37-3/8" W x 6-7/8" H	18-5/8" W x 6-7/8" H

DURA DRAWER	
Product #	Color
J558846B-19SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	Color
J558846B-19RD	Gloss Red
J558846B-19BK	Gloss Black
J558846B-19BL	Gloss Blue



550S 88" WORKSTATION 13 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
88-1/4	46-3/8	27	48,517	1,238

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 24-3/4"

18-5/8" W x 6-7/8" H	59" W x 4-1/2" H
	59" W x 2-1/4" H
18-5/8" W x 2-1/4" H	59" W x 3-3/8" H
18-5/8" W x 2-1/4" H	59" W x 3-3/8" H
18-5/8" W x 3-3/8" H	
18-5/8" W x 3-3/8" H	59" W x 4-1/2" H
18-5/8" W x 11-1/2" H	59" W x 4-1/2" H
	59" W x 6-7/8" H

DURA DRAWER	
Product #	**Color**
J558846B-13SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J558846B-13RD	Gloss Red
J558846B-13BK	Gloss Black
J558846B-13BL	Gloss Blue

550S 88" TOP CHEST 15 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
88-1/4	27-1/4	27	32,756	680

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 24-3/4"

TOP CHEST	TOP CHEST	
18-5/8" W x 2-1/4" H	37-3/8" W x 2-1/4" H	18-5/8" W x 2-1/4" H
18-5/8" W x 2-1/4" H	37-3/8" W x 2-1/4" H	18-5/8" W x 2-1/4" H
18-5/8" W x 2-1/4" H	37-3/8" W x 2-1/4" H	18-5/8" W x 2-1/4" H
18-5/8" W x 3-3/8" H	37-3/8" W x 3-3/8" H	18-5/8" W x 3-3/8" H
18-5/8" W x 3-3/8" H	37-3/8" W x 3-3/8" H	18-5/8" W x 3-3/8" H

DURA DRAWER	
Product #	**Color**
J558827B-15SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J558827B-15RD	Gloss Red
J558827B-15BK	Gloss Black
J558827B-15BL	Gloss Blue

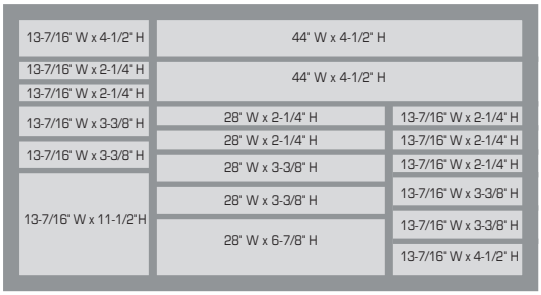
550S 67" WORKSTATION 19 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
67	41	25-1/4	30,519	600

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 23"



DURA DRAWER	
Product #	Color
J556741B-19SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	Color
J556741B-19RD	Gloss Red
J556741B-19BK	Gloss Black
J556741B-19BL	Gloss Blue

550E 67" FRONT FACING POWER WORKSTATION 16 DRAWER

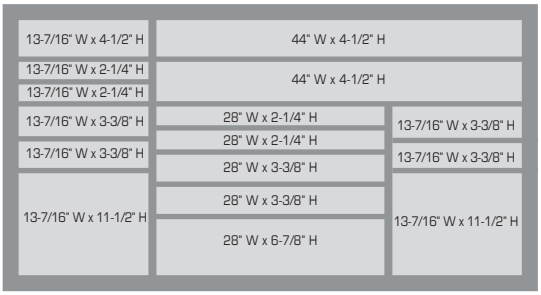
Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
67	41	25-1/4	30,144	600

Made in USA with Global Materials

- Convenient, front mounted, power strip featuring four, 15A outlets and two USB ports.
- High impact ABS plastic casing for industrial durability.



Drawer Configuration
Drawer Depth: 23"



DURA DRAWER	
Product #	Color
J556741B16SGPDP	Safety Red & Gray

HERITAGE GLOSS	
Product #	Color
J556741B16RDPDP	Gloss Red
J556741B16BKPDP	Gloss Black
J556741B16BLPDP	Gloss Blue

550S 67" TOP CHEST 15 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
67	27	25-1/4	24,346	450

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 23"

TOP CHEST		
13-7/16" W x 2-1/4" H	28" W x 2-1/4" H	13-7/16" W x 2-1/4" H
13-7/16" W x 2-1/4" H	28" W x 2-1/4" H	13-7/16" W x 2-1/4" H
13-7/16" W x 3-3/8" H	28" W x 3-3/8" H	13-7/16" W x 3-3/8" H
13-7/16" W x 3-3/8" H	28" W x 3-3/8" H	13-7/16" W x 3-3/8" H
13-7/16" W x 4-1/2" H	28" W x 4-1/2" H	13-7/16" W x 4-1/2" H

DURA DRAWER

Product #	Color
J556727B-15SG	Safety Red & Gray

HERITAGE GLOSS

Product #	Color
J556727B-15RD	Gloss Red
J556727B-15BK	Gloss Black
J556727B-15BL	Gloss Blue

550S WOOD TOPS

- 1-1/2" thick solid maple with laminated edge hardwood work surface.
- Clear lacquer top wth radius edges.
- For protection against drying, apply non-toxic mineral oil every 4-6 weeks.



Product #	Width (in)	Height (in)	Depth (in)	Overall Weight (lbs)
J4534-HWT	33-3/4	1-1/2	25	38
J4550-HWT	50-1/8	1-1/2	25	55
J4566-HWT	66-1/4	1-1/2	27	75

550S STAINLESS STEEL TOPS

- High grade 1/16" thick, 16 gauge 304 stainless steel wrapped around a wood core.
- Raised front lip prevents parts from rolling off the work surface.



Product #	Width (in)	Height (in)	Depth (in)	Overall Weight (lbs)
J4534-SST	33-3/4	1-1/2	25	50
J4550-SST	50-1/8	1-1/2	25	100

550S 66" PLATFORM

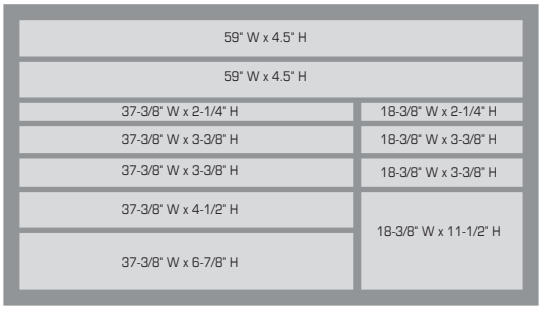
550S 66" WORKSTATION 11 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
66	46	27	36,455	750

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 24-3/4"



DURA DRAWER	
Product #	**Color**
J556646B-11SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J556646B-11RD	Gloss Red
J556646B-11BK	Gloss Black
J556646B-11BL	Gloss Blue

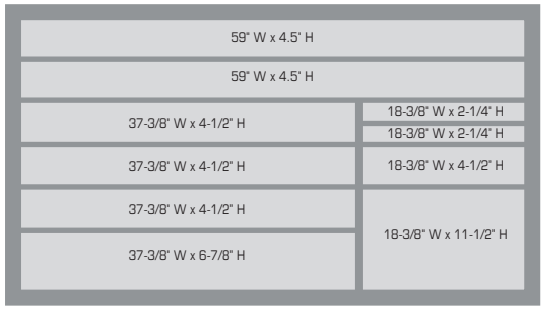
550S 66" WORKSTATION 10 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
66	46	27	35,917	750

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 24-3/4"



DURA DRAWER	
Product #	**Color**
J556646B-10SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J556646B-10RD	Gloss Red
J556646B-10BK	Gloss Black
J556646B-10BL	Gloss Blue

550S 66" PLATFORM

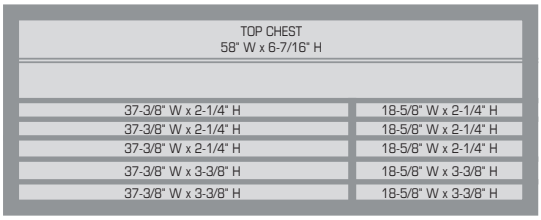
550S 66" TOP CHEST 10 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
66	27	27	24,684	550

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 24-3/4"



DURA DRAWER	
Product #	**Color**
J556627B-10SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J556627B-10RD	Gloss Red
J556627B-10BK	Gloss Black
J556627B-10BL	Gloss Blue

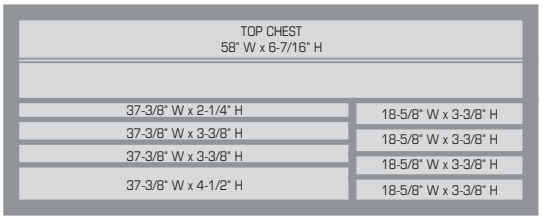
550S 66" TOP CHEST 8 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
66	27	27	25,494	550

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 24-3/4"



DURA DRAWER	
Product #	**Color**
J556627B-8SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J556627B-8RD	Gloss Red
J556627B-8BK	Gloss Black
J556627B-8BL	Gloss Blue

550E 50" FRONT FACING POWER WORKSTATION 9 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
50	41	25-1/4	23,779	487

Made in USA with Global Materials

- Convenient, front mounted, power strip featuring four, 15A outlets and two USB ports.
- High impact ABS plastic casing for industrial durability.

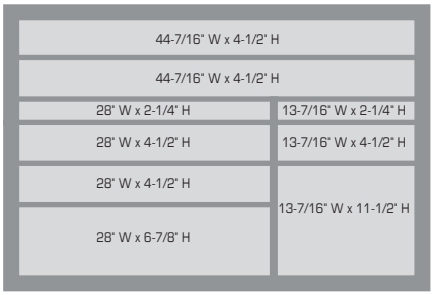


11" Integrated Power Drawer



Drawer Configuration

Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J555041B-9SGPDP	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J555041B-9RDPDP	Gloss Red
J555041B-9BKPDP	Gloss Black
J555041B-9BLPDP	Gloss Blue

550E 50" POWER WORKSTATION 9 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
50	41	25-1/4	23,105	487

Made in USA with Global Materials

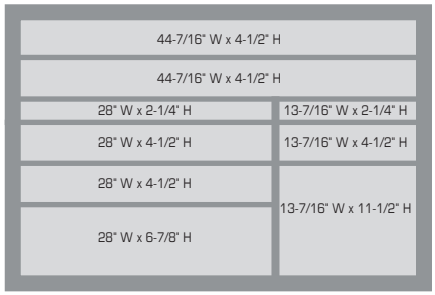
- 4-Outlet 110V power strip.
- Store and charge up to four battery packs.
- Removable back panel keeps cords neat.
- 1/4 turn fasteners for easy access.
- Adjustable drawer divider separates chargers from tools.



Power Drawer Depth: 21-5/8"

Drawer Configuration

Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J555041B-9SGPD	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J555041B-9RDPD	Gloss Red
J555041B-9BKPD	Gloss Black
J555041B-9BLPD	Gloss Blue

550S 50" WORKSTATION 11 DRAWER

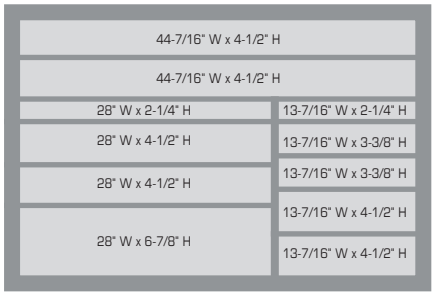
Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
50	41	25-1/4	23,419	475

Made in USA with Global Materials



Drawer Configuration

Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J555041B-11SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J555041B-11RD	Gloss Red
J555041B-11BK	Gloss Black
J555041B-11BL	Gloss Blue

550S 50" WORKSTATION 9 DRAWER

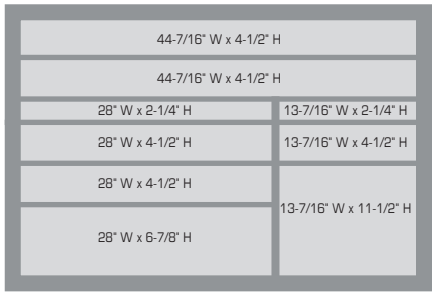
Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
50	41	25-1/4	23,779	475

Made in USA with Global Materials



Drawer Configuration

Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J555041B-9SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J555041B-9RD	Gloss Red
J555041B-9BK	Gloss Black
J555041B-9BL	Gloss Blue

550S 50" WORKSTATION 8 DRAWER - 1 SHELF

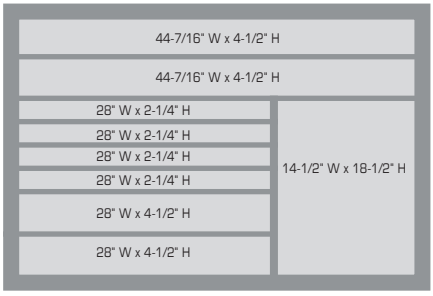
Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
50	41	25-1/4	20,092	475

Made in USA with Global Materials



Drawer Configuration

Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J555041B-8SG-1S	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J555041B-8RD-1S	Gloss Red
J555041B-8BK-1S	Gloss Black
J555041B-8BL-1S	Gloss Blue

550S 50" WORKSTATION 7 DRAWER - 1 SHELF

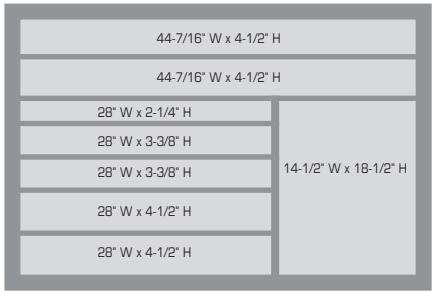
Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
50	41	25-1/4	18,109	475

Made in USA with Global Materials



Drawer Configuration

Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J555041B-7SG-1S	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J555041B-7RD-1S	Gloss Red
J555041B-7BK-1S	Gloss Black
J555041B-7BL-1S	Gloss Blue

550S 50" TOP CHEST 12 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
50	27	25-1/4	17,641	370

Made in USA with Global Materials



Drawer Configuration

Drawer Depth: 23"

TOP CHEST 44-1/4" W x 5-1/4" H	
28" W x 1-3/4" H	13-7/16" W x 1-3/4" H
28" W x 1-3/4" H	13-7/16" W x 1-3/4" H
28" W x 1-3/4" H	13-7/16" W x 1-3/4" H
28" W x 1-3/4" H	13-7/16" W x 1-3/4" H
28" W x 3" H	13-7/16" W x 3" H
28" W x 3" H	13-7/16" W x 3" H

DURA DRAWER	
Product #	**Color**
J555027-12SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J555027-12RD	Gloss Red
J555027-12BK	Gloss Black
J555027-12BL	Gloss Blue

550S 50" TOP CHEST 10 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
50	27	25-1/4	18,197	370

Made in USA with Global Materials



Drawer Configuration

Drawer Depth: 23"

TOP CHEST 44-1/4" W x 5-1/4" H	
28" W x 1-3/4" H	13-7/16" W x 1-3/4" H
28" W x 1-3/4" H	13-7/16" W x 1-3/4" H
28" W x 3" H	13-7/16" W x 3" H
28" W x 3" H	13-7/16" W x 3" H
28" W x 4" H	13-7/16" W x 4" H

DURA DRAWER	
Product #	**Color**
J555027-10SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J555027-10RD	Gloss Red
J555027-10BK	Gloss Black
J555027-10BL	Gloss Blue

550S 50" TOP CHEST 8 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
50	27	25-1/4	18,753	370

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 23"

TOP CHEST 44-1/4" W x 5-1/4" H	
28" W x 3" H	13-7/16" W x 3" H
28" W x 3" H	13-7/16" W x 3" H
28" W x 4" H	13-7/16" W x 4" H
28" W x 4" H	13-7/16" W x 4" H

DURA DRAWER	
Product #	**Color**
J555027-8SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J555027-8RD	Gloss Red
J555027-8BK	Gloss Black
J555027-8BL	Gloss Blue

550S 27" DEEP LOCKER
(COMPATIBLE WITH 27" DEEP CABINET + TOP CHEST)

Width (in)	Height (in)	Depth (in)	Overall Weight (lb)
26	65	27	400

Made in USA with Global Materials



DURA DRAWER	
Product #	**Color**
J552665B-6SG-LK	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J552665B-6RD-LK	Gloss Red
J552665B-6BK-LK	Gloss Black
J552665B-6BL-LK	Gloss Blue

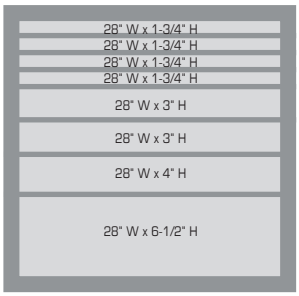
550S 34" ROLLER CABINET 8 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
34	41	25-1/4	15,134	310

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J553441-8SG	Safety Red & Gray
J553441-8SGL	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J553441-8RD	Gloss Red
J553441-8BK	Gloss Black
J553441-8BL	Gloss Blue

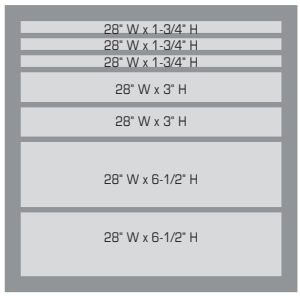
550S 34" ROLLER CABINET 7 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
34	41	25-1/4	15,390	310

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J553441-7SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J553441-7RD	Gloss Red
J553441-7BK	Gloss Black
J553441-7BL	Gloss Blue

550S 34" PLATFORM

550S 34" ROLLER CABINET 6 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
34	41	25-1/4	15,765	310

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J553441-6SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J553441-6RD	Gloss Red
J553441-6BK	Gloss Black
J553441-6BL	Gloss Blue

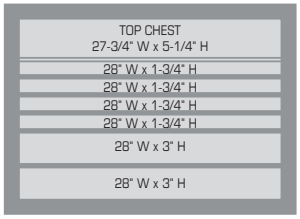
550S 34" TOP CHEST 6 DRAWER

Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
34	27	25-1/4	11,662	235

Made in USA with Global Materials



Drawer Configuration
Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J553427-6SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J553427-6RD	Gloss Red
J553427-6BK	Gloss Black
J553427-6BL	Gloss Blue



550S 34" TOP CHEST 5 DRAWER

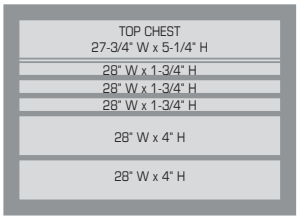
Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
34	27	25-1/4	12,037	235

Made in USA with Global Materials



Drawer Configuration

Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J553427-5SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J553427-5RD	Gloss Red
J553427-5BK	Gloss Black
J553427-5BL	Gloss Blue

550S 34" TOP CHEST 4 DRAWER

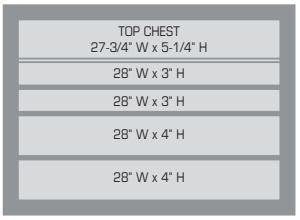
Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
34	27	25-1/4	12,414	235

Made in USA with Global Materials



Drawer Configuration

Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J553427-4SG	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J553427-4RD	Gloss Red
J553427-4BK	Gloss Black
J553427-4BL	Gloss Blue

550S SIDE CABINET 6 DRAWER

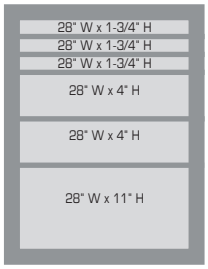
Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
19	34	25-1/4	7,554	175

Made in USA with Global Materials



Drawer Configuration

Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J551934-6SG-SC	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J551934-6RD-SC	Gloss Red
J551934-6BK-SC	Gloss Black
J551934-6BL-SC	Gloss Blue

550S SIDE CABINET 5 DRAWER

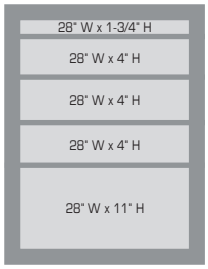
Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lb)
19	34	25-1/4	7,734	175

Made in USA with Global Materials



Drawer Configuration

Drawer Depth: 23"



DURA DRAWER	
Product #	**Color**
J551934-5SG-SC	Safety Red & Gray

HERITAGE GLOSS	
Product #	**Color**
J551934-5RD-SC	Gloss Red
J551934-5BK-SC	Gloss Black
J551934-5BL-SC	Gloss Blue

VELOCITY SERIES BUILT FOR THE JOB

27", 42", AND 55" WIDTH TOP CHESTS AND CABINETS

Includes drawer liners and roller cabinet vinyl top mats.

Ball-bearing slides provide **125-200 lbs of drawer load capacity**.

Premium corrosion resistant paint: Resistant to hydraulic fluids, oils, greases, and aerospace hydraulic fluid.

Premium tubular lock keeping contents secure.

Ergonomic metal side handle for easy gripping and handling.

18-gauge steel cabinets and drawers providing robust support for tools and equipment.

Full extension drawers providing easy access to stored items.

Soft close slides – helps maintain organization, resistant to accidental opening.

450 lb per caster capacity for 1,800 lbs of heavy duty **high mileage operation**.



COLORS AVAILABLE



Gloss Red Chrome Pulls | Gloss Blue Chrome Pulls | Gloss Black Chrome Pulls | Gloss Red Grey Drawers | Matte Desert Tan Grey Drawers

55" TOP CHESTS & CABINETS

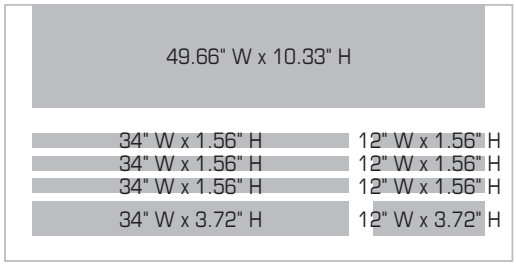
55" TOP CHEST - 8 DRAWER



Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lbs)
54-11/16	27-11/16	22-3/8	18,522	232

Made in USA with Global Materials

Drawer Configuration



Drawer Depth: 19.43"

COLOR OPTIONS

Product #	Color
JSTV5528CD08RD	Gloss Red
JSTV5528CD08BL	Gloss Blue
JSTV5528CD08BK	Gloss Black
JSTV5528CD08RG	Gloss Red & Gray
JSTV5528CD08DT	Desert Tan & Gray

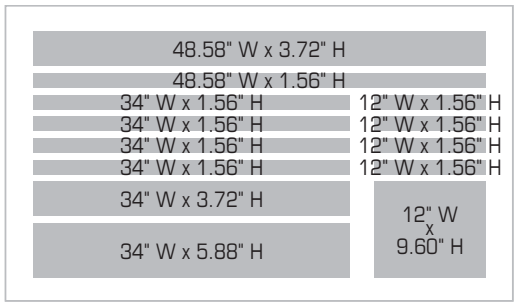
55" ROLLER CABINET - 13 DRAWER



Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lbs)
54-11/16	38-1/2	22-3/8	19,153	338

Made in USA with Global Materials

Drawer Configuration



Drawer Depth: 19.43"

COLOR OPTIONS

Product #	Color
JSTV5539RD13RD	Gloss Red
JSTV5539RD13BL	Gloss Blue
JSTV5539RD13BK	Gloss Black
JSTV5539RD13RG	Gloss Red & Gray
JSTV5539RD13DT	Desert Tan & Gray



42" TOP CHESTS & CABINETS

42" TOP CHEST - 12 DRAWER



Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lbs)
41-1/2	27-11/16	22-3/8	12,212	195

Made in USA with Global Materials

Drawer Configuration

36.66" W x 3.85" H	
21" W x 1.56" H	12" W x 1.56" H
21" W x 1.56" H	12" W x 1.56" H
21" W x 1.56" H	12" W x 1.56" H
21" W x 1.56" H	12" W x 1.56" H
21" W x 3.72" H	12" W x 3.72" H
21" W x 3.72" H	12" W x 3.72" H

Drawer Depth: 19.43"

COLOR OPTIONS

Product #	Color
JSTV4228CD12RD	Gloss Red
JSTV4228CD12BL	Gloss Blue
JSTV4228CD12BK	Gloss Black
JSTV4228CD12RG	Gloss Red & Gray
JSTV4228CD12DT	Desert Tan & Gray

42" ROLLER CABINET - 14 DRAWER



Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lbs)
41-1/2	38-1/2	22-3/8	12,427	283

Made in USA with Global Materials

Drawer Configuration

35.58" W x 3.72" H	
35.58" W x 1.56" H	
21" W x 1.56" H	12" W x 1.56" H
21" W x 1.56" H	12" W x 1.56" H
21" W x 1.56" H	12" W x 1.56" H
21" W x 1.56" H	12" W x 1.56" H
21" W x 3.72" H	12" W x 3.72" H
21" W x 5.88" H	12" W x 5.88" H

Drawer Depth: 19.43"

COLOR OPTIONS

Product #	Color
JSTV4239RD14RD	Gloss Red
JSTV4239RD14BL	Gloss Blue
JSTV4239RD14BK	Gloss Black
JSTV4239RD14RG	Gloss Red & Gray
JSTV4239RD14DT	Desert Tan & Gray

27" TOP CHESTS

27" SHORT TOP CHEST - 5 DRAWER



Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lbs)
27-1/8	20-3/16	22-3/8	4,945	124

Made in USA with Global Materials

Drawer Configuration

21" W x 1.56" H
21" W x 1.56" H
21" W x 1.56" H
21" W x 3.72" H
21" W x 3.72" H

Drawer Depth: 19.43"

COLOR OPTIONS	
Product #	**Color**
JSTV2720CS05RD	Gloss Red
JSTV2720CS05BL	Gloss Blue
JSTV2720CS05BK	Gloss Black
JSTV2720CS05RG	Gloss Red & Gray
JSTV2720CS05DT	Desert Tan & Gray

27" TOP CHEST - 7 DRAWER



Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lbs)
27-1/8	27-11/16	22-3/8	7,409	135

Made in USA with Global Materials

Drawer Configuration

22.08" W x 3.85" H
21" W x 1.56" H
21" W x 1.56" H
21" W x 1.56" H
21" W x 1.56" H
21" W x 1.56" H
21" W x 1.56" H
21" W x 3.72" H

Drawer Depth: 19.43"

COLOR OPTIONS	
Product #	**Color**
JSTV2728CS07RD	Gloss Red
JSTV2728CS07BL	Gloss Blue
JSTV2728CS07BK	Gloss Black
JSTV2728CS07RG	Gloss Red & Gray
JSTV2728CS07DT	Desert Tan & Gray

27" ROLLER CABINET - 4 DRAWER



Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lbs)
27-1/8	38-1/2	22-3/8	7,597	170

Made in USA with Global Materials

Drawer Configuration

21" W x 5.88" H
21" W x 5.88" H
21" W x 5.88" H
21" W x 5.88" H

Drawer Depth: 19.43"

COLOR OPTIONS	
Product #	**Color**
JSTV2739RS04RD	Gloss Red
JSTV2739RS04BL	Gloss Blue
JSTV2739RS04BK	Gloss Black
JSTV2739RS04RG	Gloss Red & Gray
JSTV2739RS04DT	Desert Tan & Gray

27" ROLLER CABINET - 7 DRAWER



Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lbs)
27-1/8	38-1/2	22-3/8	7,981	182

Made in USA with Global Materials

Drawer Configuration

21" W x 3.72" H
21" W x 1.56" H
21" W x 1.56" H
21" W x 1.56" H
21" W x 3.72" H
21" W x 3.72" H
21" W x 5.88" H

Drawer Depth: 19.43"

COLOR OPTIONS	
Product #	**Color**
JSTV2739RS07RD	Gloss Red
JSTV2739RS07BL	Gloss Blue
JSTV2739RS07BK	Gloss Black
JSTV2739RS07RG	Gloss Red & Gray
JSTV2739RS07DT	Desert Tan & Gray

27" ROLLER CABINET - 8 DRAWER



Width (in)	Height (in)	Depth (in)	Cubic Capacity (in)	Overall Weight (lbs)
27-1/8	38-1/2	22-3/8	8,618	191

Made in USA with Global Materials

Drawer Configuration

21" W x 1.56" H
21" W x 1.56" H
21" W x 1.56" H
21" W x 1.56" H
21" W x 1.56" H
21" W x 3.72" H
21" W x 3.72" H
21" W x 5.88" H

Drawer Depth: 19.43"

COLOR OPTIONS	
Product #	**Color**
JSTV2739RS08RD	Gloss Red
JSTV2739RS08BL	Gloss Blue
JSTV2739RS08BK	Gloss Black
JSTV2739RS08RG	Gloss Red & Gray
JSTV2739RS08DT	Desert Tan & Gray

HASP LOCK RETROFIT KIT

- Allows replacement of traditional lock/key on Velocity or 550S Storage with Hasp allowing unit to be locked with a padlock* (padlock not included).
- Easy to install in field using existing internal locking mechanism.



Product #	Compatible with
JSTV-HASPCAM	PROTO Velocity Top Chests Only
JSTV-HASPCAM	PROTO Velocity Roller Cabinets & 550S Top Chests and Roller Cabinets

FIELD INSTALLED LOCK BARS

- Removable design for select 550 Storage Series.
- Hinge design for select 540 Storage Series.
- Templates included.

Product #	Description	Compatible PROTO® Item
JLB32	32", Field Installed Lock Bar, Black	J545442-14XX, J544142-15XX, J544142-6XX, J542742-7XX, J542742-8XX, J542742-11XX, J542742-4XX (requires 2lock bars for: J545442-14XX, J544142-15XX, J542742-8XX, J542742-11XX)
JLB33	33", Field Installed Lock Bar, Black	J555041-12XX, J555041-10XX, J555041-8XX-2S, J555041-8XX-1S, J555041-7XX-1S, J553441-8XX, J553441-7XX, J553441-6XX
JLB25	25", Field Installed Lock Bar, Black	J542735-7XX, J542735-3XX

DRAWER LINERS

Product #	Quantity	Width (in)	Depth (in)	Thickness (in)
J32365P	8	28	16	0.062
J32814P	7	28	23	0.062
	1	44-7/16	23	0.062
	1	13-7/16	23	0.062
	1	23	13-7/16	0.062
J45009DL	6	13-7/16	23	0.062
J45020DL	5	28	23	0.062
	1	44-7/16	23	0.062
	4	13-7/16	23	0.062
J45025DL	7	28	23	0.062
	1	44-7/16	22	0.062
	1	13-7/16	23	0.062
J45028DL	6	28	23	0.062
	6	13-7/16	23	0.062
J45040DL	1	59	24	0.062
	6	34-3/8	24	0.062
	5	18-2/3	24	0.062
J45045DL	1	59	24	0.062
	6	34-3/8	24	0.062
	5	18-2/3	24	0.062

CUT TO FIT DRAWER LINER

Product #	Quantity	Width (in)	Depth (in)	Thickness (in)
J9910	Roll	60	24	0.062



DO-IT-YOURSELF FOAM KITS

- Protects tools and drawer finish from scratching and marring.
- Chemical resistant.
- Two layers of foam, instructions and low tac tracing paper.

Product #	Size (in)	Thickness (in)	Color
DIYBK	26-1/4 x 39	1/2 top layer 1/4 base layer	Black/Red
DIYBL	26-1/4 x 39	1/2 top layer 1/4 base layer	Blue/Yellow



GENERAL PURPOSE BOX WITH 3 DRAWERS



Quantity	Type	Length (in)	Depth (in)	Height (in)
1	Compartment	20	8-1/2	2-1/4
3	Drawer	18	7-1/4	1-1/2

Product #	# of Drawers	Color	Cubic Capacity (in)	Width (in)	Height (in)	Depth (in)	Weight (lbs)
J9993	3	Red	2,075	20-3/16	11-3/4	8-3/4	25

GENERAL PURPOSE BOXES WITH TRAY

- Removable steel tote tray.



Product #	Color	Cubic Capacity (in)	Width (in)	Height (in)	Depth (in)	Weight (lbs)
J9977R	Safety Red	931	19-1/2	7	8	8
J9975R	Safety Red	1,615	20	9-1/2	8-1/2	14
J9969R*	Safety Red	2,133	26	9-1/2	8-1/2	19
J9954-NA	Red	546	14	6-1/2	6	5
J9969-NA	Red	2,133	26	9-1/2	8-1/2	19
J9977-NA	Red	931	19-1/2	7	8	8

* Heavy-duty side handles.

HIP ROOF BOX WITH TRAY

- Removable steel tote tray.
- Double latch for strength.
- Hip roof lid design.



Product #	Color	Cubic Capacity (in)	Width (in)	Height (in)	Depth (in)	Weight (lbs)
J9971R	Safety Red	931	19	7	7	8.0

CARPENTER'S BOX

- Removable steel tote tray.
- Extra wide for large tools.
- Double latch for strength.
- Padlockable center hasp for security.
- Heavy-duty side handles.



Product #	Color	Cubic Capacity (in)	Length (in)	Height (in)	Depth (in)	Overall Length (in)	Weight (lbs)
J9979-NA	Brown	2,584	32	9-1/2	8-1/2	32	24

CANTILEVER BOX

- 4 trays - 2 with covers.
- Trays swing out for easy tool access.



Product #	Color	Cubic Capacity (in)	Height (in)	Depth (in)	Overall Length (in)	Weight (lbs)
J9951	Black	2,520	10	14	18	20

*Waste can not included

SMALL 19" HAND BOX

- Ideal for storing small socket or wrench sets.
- Convienent size to store in larger tool box or utility cart.



Product #	Color	Height (in)	Depth (in)	Overall Length (in)	Weight (lbs)
J5496-NA	Red	1-5/8	7-3/4	19	4.8

HEAVY-DUTY SET BOXES

- Padlockable center hasp for security.
- Side handles.



Product #	Color	Width (in)	Height (in)	Depth (in)	Weight (lbs)
J5694R	Safety Red	20-1/4	3-3/8	6-1/2	11.0
J5695R	Safety Red	20-1/8	3-3/8	7-15/16	13.0
J5696R	Safety Red	25-3/16	4-1/16	9-1/16	18.0
J5697R	Safety Red	26-3/4	4	14-1/2	24.0
J5896R	Safety Red	35-3/8	5-1/2	15-3/16	33.0

SET BOXES

- These set boxes are used to store Socket Sets in your Tool Box or Utility Cart.
- They also make it convenient and easy to transport a full set of sockets to the job.



Product #	Color	Width (in)	Height (in)	Depth (in)	Weight (lbs)
J4029R	Safety Red	7-1/2	1-5/8	7-3/4	1.50
J5299R	Safety Red	10-3/8	1-5/8	4-7/16	1.36
J4019R	Safety Red	12	1-3/4	11-3/4	3.50
J5496R	Safety Red	19	3-7/8	6-1/4	4.00
J5497R	Safety Red	23	2-3/16	8	5.20

OPEN TOTE TOOL BAG

- Durable 1,200 x 1,200 denier fabric.
- Rigid and waterproof plastic bottom.
- Ergonomically designed leather handle.
- 14 Internal storage loops for maximum organization.
- Special storage partition for 12 screwdrivers.
- 10 External storage pockets.
- Adjustable saw compartment with self-adhesive strips.
- Weather flap protects tools and conveniently tucks away.



Product #	Height (in)	Depth (in)	Overall Length (in)	Weight (lbs)
J120TB	14-1/2	9-1/2	19-1/2	7.00



CANVAS TOOL POUCHES

- Red canvas.
- Stitched and reinforced edges for strength.
- Reinforced pockets.
- Tie strap closure.



Product #	# of Pockets	Width (in)	Overall Length (in)	Weight (lbs)
J25TR01C	7	7	12	0.15
J25TR02C	12	6-1/2	7-1/2	0.15
J25TR03C	7	6	10	0.13
J25TR05C	10	10	14	0.29
J25TR06C	5	9	12	0.10
J25TR08C	14	12	15	0.36
J25TR09C	9	5	9	0.12
J25TR10C	13	7	12	0.09
J25TR11C	1	4.5	7	0.04
J25TR12C	8	6	7	0.05
J25TR13C	11	8	10	0.16
J25TR15C	5	6.3	8-13/16	0.08
J25TR18C	4	7	7	0.10
J25TR19C	6	7.5	12-5/16	0.18
J25TR20C	10	10	11-11/16	0.45
J25TR21C	26	11	16-1/2	0.47
J25TR22C	3	7.5	10	0.20
J25TR23C	7	6	9	0.12
J25TR26C	9	5	9-1/2	0.06
J25TR28C	10	9	13	0.22
J25TR30C	5	6.2	12	0.08
J25TR31C	7	7.3	8	0.08
J25TR32C	7	10	12	0.23
J25TR34C	15	11	15	0.58
J25TR35C	9	13	12	0.17
J25TR36C	17	9	11	0.47
J25TR37C	7	8	11	0.17
J25TR39C	10	10	15	0.29
J25TR40C	14	9	13	0.30
J25TR41C	15	9	12	0.57
J25TR42C	18	11	13	0.51
J25TR43C	7	13	12	0.18
J25TR44C	11	9	13	0.41
J25TR46C	6	8.5	9-1/10	0.13
J25TR49C	5	4.7	6-3/32	0.02
J25TR50C	1	3-21/64	6-1/3	0.03

Product #	# of Pockets	Width (in)	Overall Length (in)	Weight (lbs)
J25TR54C	3	6.7	15-1/2	0.11
J25TR55C	4	10.5	9	0.26
J25TR58C	11	11	15-1/2	0.28
J25TR59C	20	12	17	0.62
J25TR60C	14	13	17	0.30
J25TR67C	10	11	15-1/2	0.28
J25TR69C	11	8	9-1/2	0.10
J25TR70C	14	9.5	10-1/2	0.14
J25TR71C	9	7.5	9-1/2	0.11
J25TR72C	13	9.3	12	0.17
J25TR73C	8	8.7	12-1/2	0.15
J25TR74C	12	12	12-1/2	0.20
J25TR76C	14	13.5	18	0.32
J25TR77C	12	12	12-8/10	0.20
J25TR78C	20	12.7	17-7/10	0.54
J25TR79C	9	6	14-3/10	0.14
J25TR80C	22	12.7	17	0.65
J25TR81C	13	10.4	12-7/10	0.20
JSCV9SP	9	3	12-1/2	0.20

14 POCKET LEATHER EXTRA CAPACITY ELECTRICIAN'S TOOL POUCH

- 10" x 10".
- 4 Large gusseted utility pockets and 2 preformed pliers pockets.
- 4 Screwdriver slots, 12" tape rule holder, secured T-type tape holder with swivel rivet.
- 2" Belt slots.
- Sectioned pocket for torpedo level, multi-purpose tool snap, scratch awl pocket and pencil holders.
- Heavy-duty, top grain leather.



Product #	Overall Length (in)	Weight (in)
J95030	11	1.43

LEATHER TOOL HOLDERS

- 2-1/2" belt slots.
- Heavy-duty, top grain leather.



Product #	Item	Weight (lbs)
J95151	Hammer Holster	0.25

ADJUSTABLE WEB BELTS

- Fully adjustable.
- Fits waist size up to 50".
- Riveted clasp and buckle holds firmly but permits easy release.
- For use with tool pouches and holders.



Product #	Size (in)	Weight (lbs)
J95230	up to 50"	0.25



MASTER SETS

CONTENTS

ESSENTIAL SET 42-43
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PROTO®

NEXT GENERATION MASTER SETS

- Remixed & simplified to **assist customers in decision making process**
- Incorporates new products & logical organization for **enhanced user experience**
- 7 Modular sets provide **easy to understand progression** from one set to the next

7 MODULAR SETS

JCS-MAS-1A



JCS-MAS-2A



JCS-MAS-3A



JCS-MAS-4A



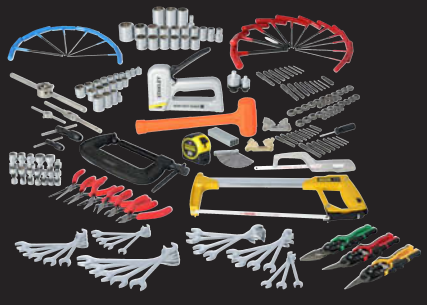
JCS-MAS-5A



JCS-MAS-6A



JCS-MAS-7A



5 SET TIERS 3 CONFIGURATIONS EACH

TOOLS ONLY | TOOLS + STORAGE | TOOLS + STORAGE + FOAM

649 PCS

ESSENTIAL SET

INCLUDES:

JCS-MAS-1A + JCS-MAS-2A + JCS-MAS-3A

739 PCS

ESSENTIAL PLUS SET

INCLUDES:

JCS-MAS-1A + JCS-MAS-2A + JCS-MAS-3A + JCS-MAS-4A

1011 PCS

ADVANCED SET

INCLUDES:

JCS-MAS-1A + JCS-MAS-2A + JCS-MAS-3A + JCS-MAS-4A + JCS-MAS-5A

1184 PCS

ADVANCED PLUS SET

INCLUDES:

JCS-MAS-1A + JCS-MAS-2A + JCS-MAS-3A + JCS-MAS-4A + JCS-MAS-5A + JCS-MAS-6A

1398 PCS

PROTO ULTIMATE™ SET

INCLUDES:

JCS-MAS-1A + JCS-MAS-2A + JCS-MAS-3A + JCS-MAS-4A + JCS-MAS-5A + JCS-MAS-6A + JCS-MAS-7A

FOR A FULL LIST OF INCLUDED COMPONENTS, SCAN THE QR CODE OR VISIT PROTOINDUSTRIAL.COM

649 PIECE ESSENTIAL SET

- Ideal for common applications in general maintenance environments
- Featuring Drive Tools in 1/4, 3/8 & 1/2", a variety of wrenches, screwdrivers, pliers, hammers, punches & chisels

Tools Only #: JCS-0600MAS

INCH		MM
1/4"	3/8"	1/2"
6 8	12 SPL	HEX

MODULAR SETS INCLUDED

JCS-MAS-1A + JCS-MAS-2A + JCS-MAS-3A



649 PIECE ESSENTIAL SET WITH 50" WORKSTATION

Tools + Storage #: JCS-0600MASBX1A



Workstation J555041B-9SG



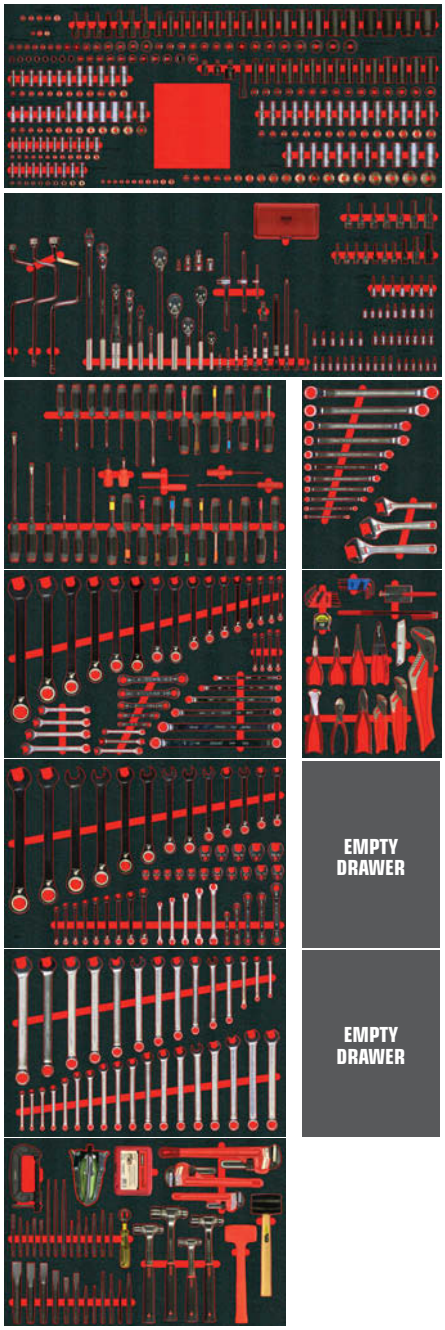
649 Piece Essential Technician Set

649 PIECE ESSENTIAL SET WITH FOAM AND J556646B-11SG

Tools + Storage + Foam #: JCS-0600MASBX3K



Workstation J556646B-11SG



739 PIECE ESSENTIAL PLUS SET

- For General and Heavy-Duty Maintenance Settings
- Builds upon the Essential Set by adding tools like 3/4" Drive Tools, Pry Bars & a 10 Ton Puller to allow for heavy machine maintenance

Tools Only #: JCS-0700MAS

INCH			MM
1/4"	3/8"	1/2"	3/4"
6	8	12	SPL / HEX

MODULAR SETS INCLUDED

JCS-MAS-1A + JCS-MAS-2A + JCS-MAS-3A + JCS-MAS-4A



739 PIECE ESSENTIAL PLUS SET WITH 50" WORKSTATION

Tools + Storage #: JCS-0700MASBX1A



Workstation J555041B-9SG



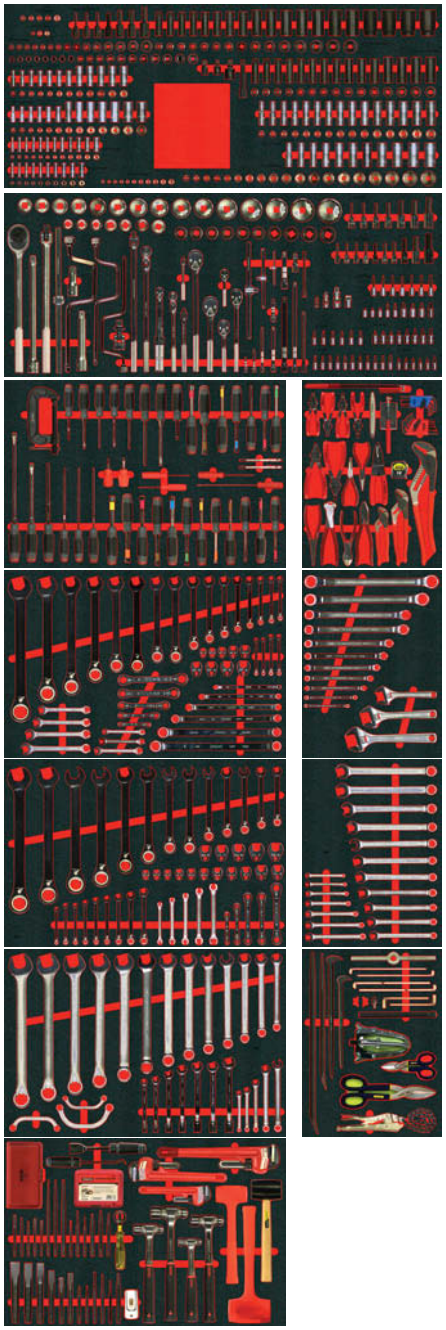
739 Piece Essential Plus Set

739 PIECE ESSENTIAL PLUS SET WITH FOAM AND 66" WORKSTATION

Tools + Storage + Foam #: JCS-0700MASBX3K



Workstation J556646B-11SG



1011 PIECE ADVANCED SET

- Ideal for Advanced Technicians and Maintenance Specialists.
- Builds upon the Essential Plus Set by adding tools like Torx Screwdrivers, a hand impact driver set, screw extractors, gear & bearing separators and 6 Point Sockets.

Tools Only #: JCS-0900MAS

INCH			MM
1/4"	3/8"	1/2"	3/4"
6	8	12	SPL / HEX

MODULAR SETS INCLUDED

JCS-MAS-1A + JCS-MAS-2A + JCS-MAS-3A + JCS-MAS-4A+ JCS-MAS-5A



1011 PIECE ADVANCED SET WITH 66" WORKSTATION

Tools + Storage #: JCS-0900MASBX1A



Workstation J556646B-11SG



1011 Piece Advanced Set

1011 PIECE ADVANCED SET WITH FOAM AND 66" TOP CHEST & WORKSTATION

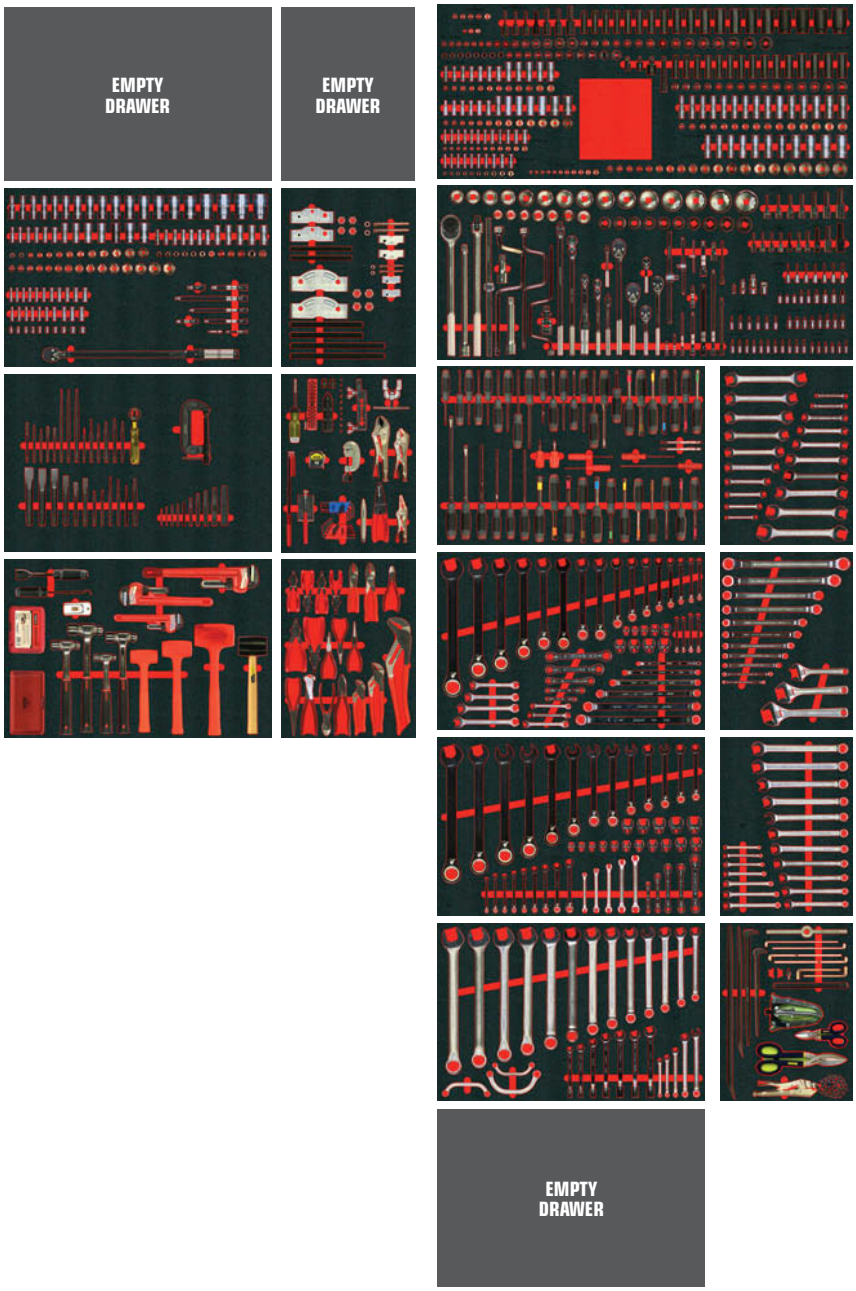
Tools + Storage + Foam #: JCS-0900MASBX3K



Top Chest J556627B-8SG



Workstation J556646B-11SG



1184 PIECE ADVANCED PLUS SET

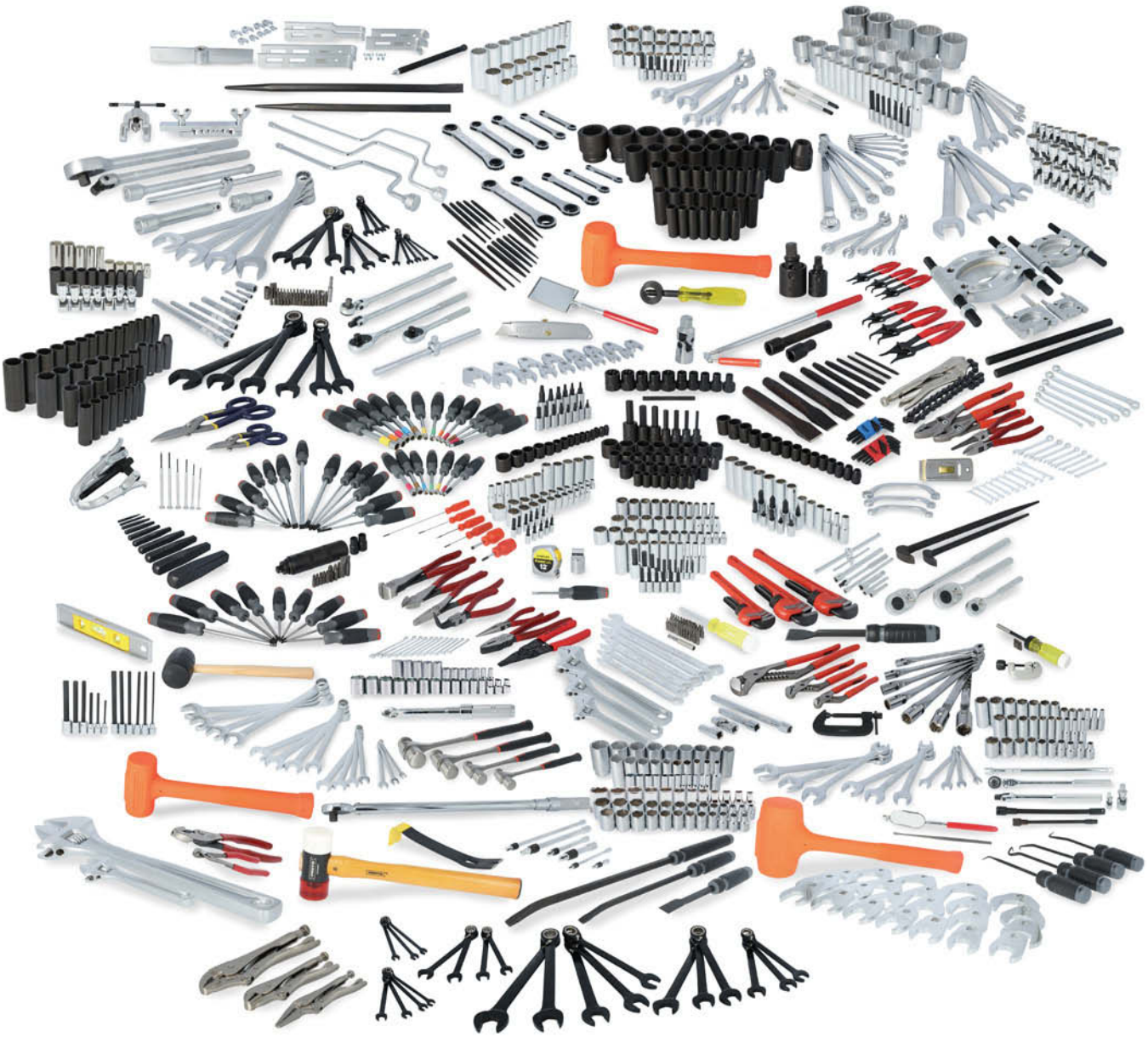
- For the advanced technician that handles all types of maintenance including work in tight places and general demolition.
- Builds upon the Advanced Set by adding specialized product like Thin Wall Impact Sockets, Universal Swivel Sockets, Locking Extensions, Specialty Picks, Pry Bars and large Hammers.

Tools Only #: JCS-1100MAS

INCH		MM	
1/4"	3/8"	1/2"	3/4"
6	8	12	SPL / HEX

MODULAR SETS INCLUDED

JCS-MAS-1A + JCS-MAS-2A + JCS-MAS-3A + JCS-MAS-4A + JCS-MAS-5A + JCS-MAS-5A + JCS-MAS-6A



1184 PIECE ADVANCED PLUS SET WITH 66" WORKSTATION

Tools + Storage #: JCS-1100MASBX1A



Workstation J556646B-11SG



1184 Piece Advanced Plus Set

1184 PIECE ADVANCED PLUS SET WITH FOAM AND 66" TOP CHEST & WORKSTATION

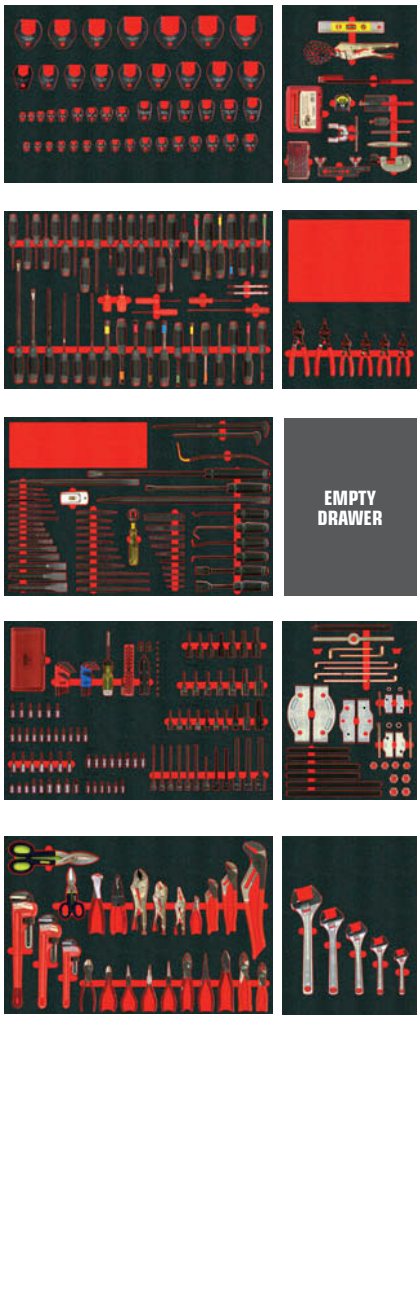
Tools + Storage + Foam #: JCS-1100MASBX3K

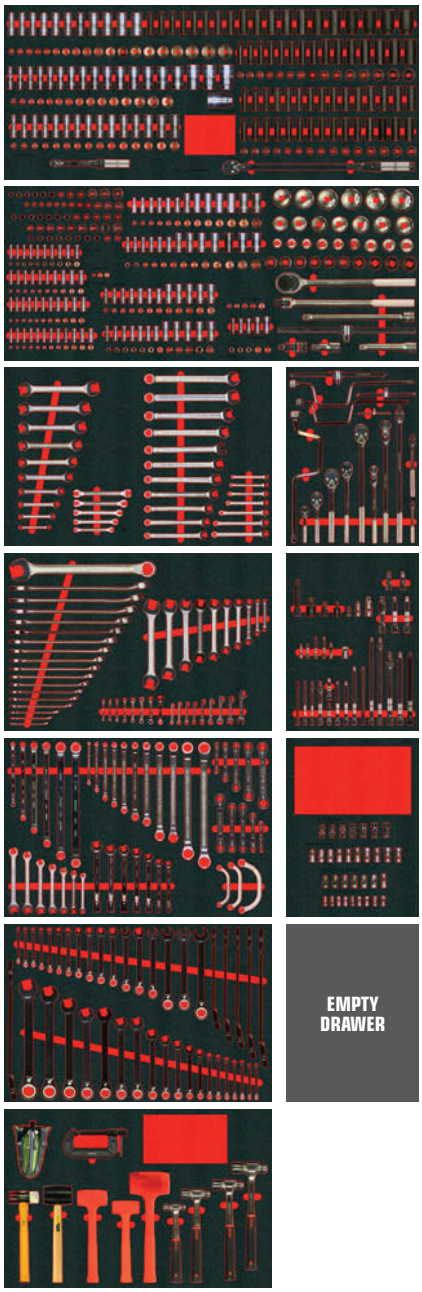


Top Chest J556627B-10SG



Workstation J556646B-11SG





1398 PIECE PROTO ULTIMATE™ SET

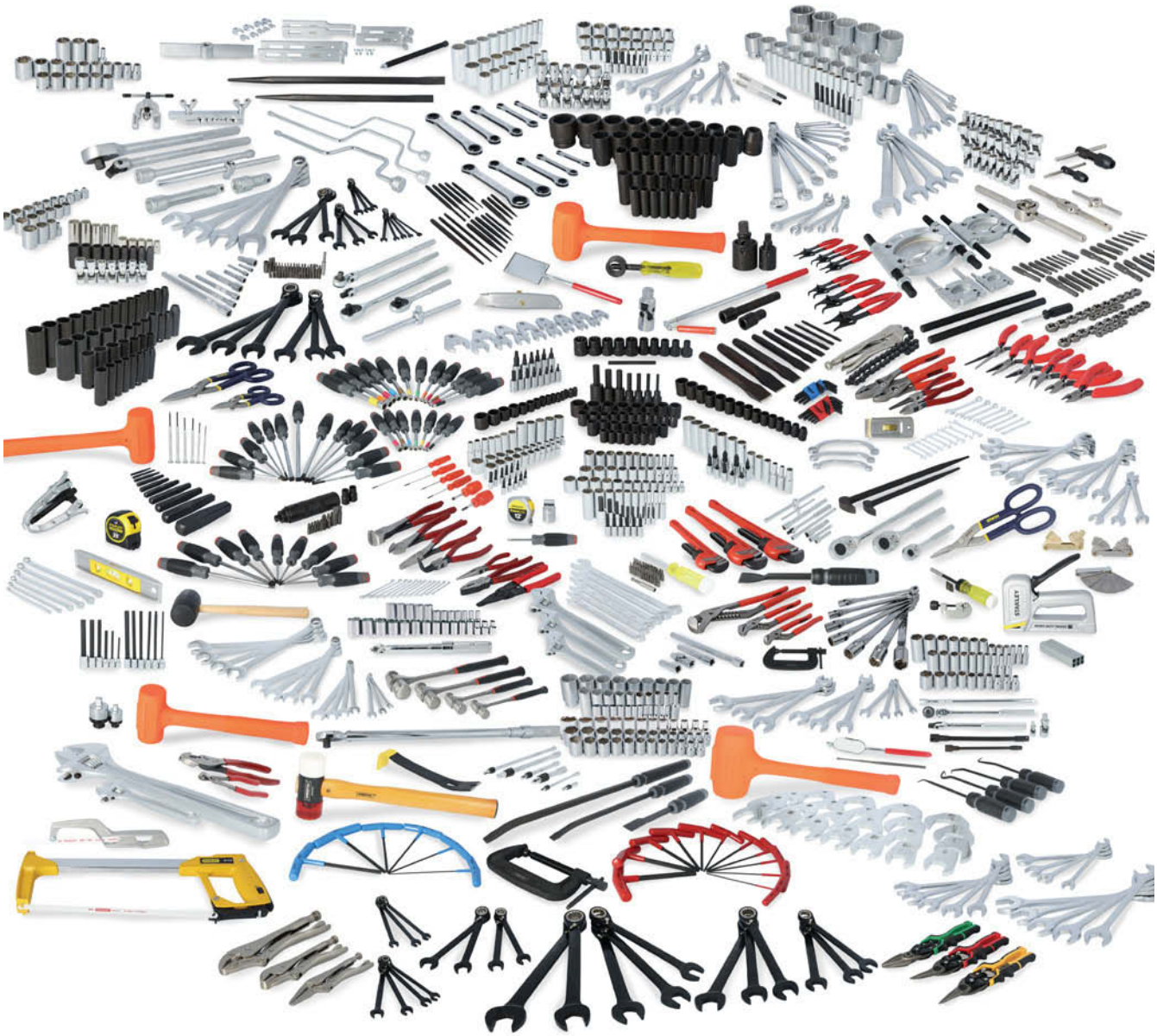
- Designed for the Ultimate Service Technician working in any maintenance setting, this set is a full capability set
- Builds upon the Advanced Plus Set with true specialty tools like 8 Point sockets, angle wrenches and Tap & Die

Tools Only #: JCS-1300MAS

INCH			MM
1/4"	3/8"	1/2"	3/4"
6	8	12	SPL / HEX

MODULAR SETS INCLUDED

JCS-MAS-1A + JCS-MAS-2A + JCS-MAS-3A + JCS-MAS-4A + JCS-MAS-5A + JCS-MAS-5A + JCS-MAS-6A + JCS-MAS-7A



1398 PIECE PROTO ULTIMATE™ SET WITH 66" WORKSTATION

Tools + Storage #: JCS-1300MASBX1A



Workstation J556646B-11SG



1398 Piece PROTO Ultimate Set

1398 PIECE PROTO ULTIMATE™ SET WITH FOAM AND 66" TOP CHEST & WORKSTATION

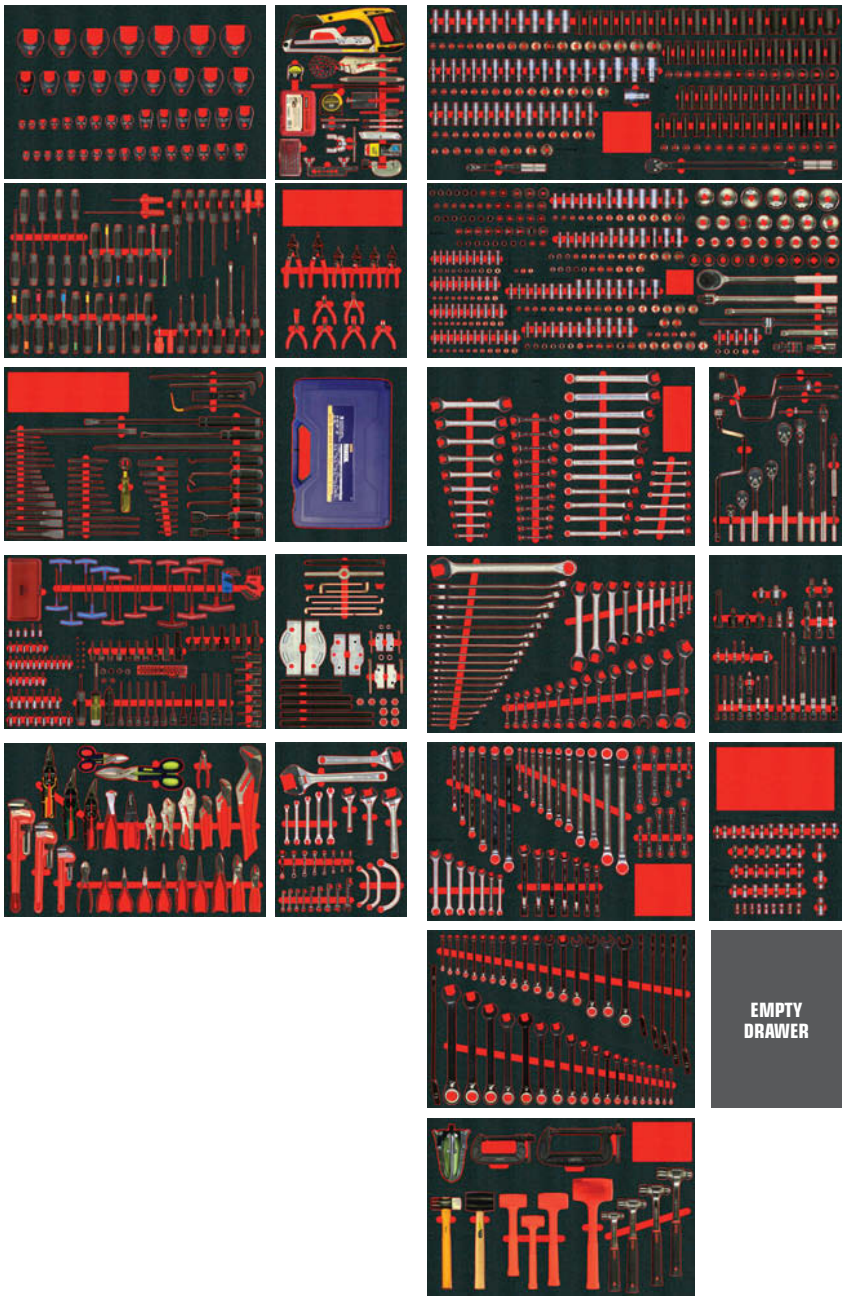
Tools + Storage + Foam #: JCS-1300MASBX3K



Top Chest J556627B-10SG



Workstation J556646B-11SG



246 PIECE MODULAR SET - 1/4" & 3/8" DRIVE TOOLS PLUS

Product #: JCS-MAS-1A

INCH	MM
1/4"	3/8"
12	HEX

INCLUDED IN MASTER SET

JCS-0600MAS, JCS-0700MAS, JCS-0900MAS, JCS-1100MAS, JCS-1300MAS



For a full list of included components, scan the QR code or visit PROTOIndustrial.com

Description	Piece
C-Clamp	1
Drive Tools	
• 1/4" Drive Socket Driver	1
• 1/4" & 3/8" Drive Adapters	2
• 1/4" & 3/8" Drive Extensions	8
• 1/4" & 3/8" Drive Handles	6
• 1/4" & 3/8" Drive Ratchets	4
Hammers, Ball Pein	4
Pliers	7
Pullers	1
Screwdrivers	
• Flat	11
• Phillips	8
Hex Keys	
• SAE: 0.05" – 3/8"	13
• Metric: 1.5mm – 10mm	9
1/4" Drive Sockets	
• SAE 12 Pt: 3/16" – 9/16"	10
• Metric 12 Pt: 5mm – 14mm	12
• Deep SAE 12 Pt: 3/16" – 9/16"	10
• Deep Metric 12 Pt: 5mm – 14mm	11

Description	Piece
3/8" Drive Sockets	
• SAE 12 Pt: 1/4" – 1"	13
• Metric 12 Pt: 8mm – 19mm	11
• Deep SAE 12 Pt: 1/4" – 1"	13
• Deep Metric 12 Pt: 8mm – 19mm	12
1/4" Drive Bit Sockets	
• Hex SAE: 1/16" – 5/16"	11
• Hex Metric: 2.5mm – 6mm	6
• Phillips/Slotted	5
3/8" Drive Bit Sockets	
• Hex Metric: 4mm – 10mm	7
• Phillips/Slotted	4
1/2" Drive Bit Sockets	
• Hex Metric: 12mm – 17mm	3
Torque Tools	
• 3/8" Drive Micrometer	1
Wrenches	
• Adjustable Wrenches	3
• Combination Wrenches SAE 12 Pt 5/16" – 1-1/4"	15
• Combination Wrenches Metric: 7mm – 24mm	18
• Double Box Wrenches SAE 12 Point: 5/16 – 1"	6

188 PIECE MODULAR SET - 1/2" DRIVE TOOLS PLUS

Product #: JCS-MAS-2A

INCH MM

1/2"

8 12 SPL HEX

INCLUDED IN MASTER SET

› JCS-0600MAS, › JCS-0700MAS, › JCS-0900MAS, › JCS-1100MAS, › JCS-1300MAS



For a full list of included components, scan the QR code or visit PROTOIndustrial.com

Description	Piece
Drive Tools	
• 1/2" Drive Adapters	1
• 1/2" Drive Extensions	3
• 1/2" Drive Handles	3
• 1/2" Drive Ratchets	3
Hammer, Soft Face	1
Pliers, Groove Joint	3
1/4" Drive Sockets	
• SAE 8 Pt: 1/4" – 3/8"	3
3/8" Drive Sockets	
• SAE 8 Pt: 1/4" – 1/2"	5
1/2" Drive Sockets	
• SAE 12 Pt: 3/8" – 1-1/2"	19
• Metric 12 Pt: 10mm – 24mm	15
• Deep SAE 12 Pt: 1/2" – 1-1/8"	11
• Deep Metric 12 Pt: 10mm – 24mm	15
3/8" Drive Bit Sockets	
• Hex SAE: 1/8" – 3/8"	7
1/2" Drive Bit Sockets	
• Hex SAE: 1/4" – 5/8"	7
Nut Drivers	
• SAE: 3/16" – 1/2"	7
• Metric: 4mm – 14mm	12
Screwdriver Bits	28
Wrenches	
• Pipe	3
• Ratcheting Spline SAE: 7/32" – 1-1/2"	20
• Ratcheting Spline Metric: 6mm – 36mm	22

215 PIECE MODULAR SET - 3/8" & 1/2" DRIVE IMPACTS PLUS

Product #: JCS-MAS-3A

INCH		MM
3/8"		1/2"
6	12	HEX

INCLUDED IN MASTER SET

› JCS-0600MAS, › JCS-0700MAS, › JCS-0900MAS, › JCS-1100MAS, › JCS-1300MAS



For a full list of included components, scan the QR code or visit PROTOIndustrial.com

Description	Piece
Drive Tools	
• 3/8" Drive Crowsfeet Metric: 9mm – 24mm	16
• 1/2" Drive Drag Link	1
• Bolt Extractor Sockets	10
Hammer, Compo Cast	1
Impact Drive Tools	
• 3/8" & 1/2" Drive Adapters	2
• 1/2" Drive Extensions	2
3/8" Drive Impact Sockets	
• SAE 6 PT: 1/4" – 1"	15
• Metric 6 Pt: 6mm – 24mm	19
1/2" Drive Impact Sockets	
• SAE 6 Pt: 3/8" – 1-1/4"	15
• Metric 6 Pt: 10mm – 24mm	15
• Deep SAE 6 Pt: 3/8" – 1-1/2"	19
• Deep Metric 6 Pt: 10mm – 24mm	15
1/2" Drive Impact Bit Sockets	
• Hex SAE: 1/4" – 5/8"	7
Knife	1

Description	Piece
Punch & Chisels	
• Punch	17
• Chisel	9
• Holder	1
1/4" Drive Bit Sockets	
• Torx: T10 – T30	6
3/8" Drive Bit Sockets	
• Torx: T15 – T50	8
Specialty Tools	
• Inspection Mirror	1
• Magnetic Retriever	1
Tape	1
Double Box Wrenches: 6mm – 32mm	11
Flare Nut Wrenches	
• Combination, SAE: 3/8" – 3/4"	7
• Double, Metric: 7mm – 17mm	5
Ratcheting Box Wrenches	
• SAE 12 Pt: 1/4" – 7/8"	5
• Metric 6/12 Pt: 7mm – 17mm	5

90 PIECE MODULAR SET - 3/4" DRIVE TOOLS & IMPACTS PLUS

Product #: JCS-MAS-4A

INCH MM

3/4"

6 12

INCLUDED IN MASTER SET

› JCS-0700MAS, › JCS-0900MAS, › JCS-1100MAS, › JCS-1300MAS



For a full list of included components, scan the QR code or visit PROTOIndustrial.com

Description	Piece
Drive Tools	
• 3/8" Drive Crowsfeet SAE: 3/8" – 7/8"	9
• 3/4" Drive Adapter	1
• 3/4" Drive Extensions	3
• 3/4" Drive Handles	2
• 3/4" Drive Ratchet	1
Hammer, Compo Cast	1
Impact Sockets	
• 3/4" Drive Impact Sockets 6 Pt: 3/4" - 1-5/16"	10
Picks & Scrapers	1
Pliers, Retaining Ring	6
Pry Bars	
• Rolling Head	2
• Aligning	2

Description	Piece
Pullers	
• 10 Ton Puller Set	10
Sockets	
• 3/4" Drive Sockets: 7/8" – 2-3/8"	22
Specialty Tools	
• Locking Chain Wrench	1
• Screw Starters	2
• Snips	2
• Scrapper	1
Wrenches	
• Combination: 1-3/8" – 1-5/16"	4
• Combo Flex: 3/8" – 3/4"	7
• Obstruction: 7/16" – 3/4"	3

272 PIECE MODULAR SET - 1/4", 3/8" & 1/2" DRIVE 6 POINT SOCKETS PLUS

Product #: JCS-MAS-5A

INCH		MM
1/4"	3/8"	1/2"
6		12

INCLUDED IN MASTER SET

› JCS-0900MAS, › JCS-1100MAS, › JCS-1300MAS



For a full list of included components, scan the QR code or visit PROTOIndustrial.com

Description	Piece
Drive Tools	
• 1/4", 3/8" & 1/2" Drive Wobble Extensions	8
Hammer, Compo Cast	1
Impact Drive Tools	
• 3/8" Drive Hand Impact Driver Set	13
Pliers	
• Locking	3
• Slip Joint	2
• Needle Nose	1
• Diagonal	1
Pullers	
• Gear & Bearing Separator Set	30
Screwdrivers & Bits	
• Torx Screwdrivers: T8 – T45	9
• Magnetic Ratcheting Screwdriver	1
• 1/4" Insert Bits	42
1/4" Drive Sockets	
• SAE 6 Pt: 3/16" – 9/16"	10
• Metric 6 Pt: 4mm – 14mm	12
• Deep SAE 6 Pt: 3/16" – 9/16"	10
• Deep Metric 6 Pt: 4mm – 14mm	12

Description	Piece
3/8" Drive Sockets	
• SAE 6 Pt: 1/4" – 1"	13
• Metric 6 Pt: 8mm – 19mm	12
• Deep SAE 6 Pt: 1/4" – 1"	13
• Deep Metric 6 Pt: 8mm – 19mm	12
1/2" Drive	
• SAE 6 Pt: 3/8" – 1-1/4"	15
• Deep SAE 6 Pt: 3/8" – 1-1/2"	19
Specialty Tools (12)	
• Tubing Flare Tool	1
• Tubing Cutter	1
• Screw Extractors	10
Torque	
• 1/2" Drive Micrometer	1
Wrenches	
• Open End SAE: 1/4" – 1-1/8"	10
• Open End Metric: 6mm – 26mm	10

173 PIECE MODULAR SET- UNIVERSAL SOCKETS & THIN WALL IMPACTS PLUS

Product #: JCS-MAS-6A

INCH		MM
1/4"	3/8"	1/2"
6	12	SPL

INCLUDED IN MASTER SET

› JCS-1100MAS, › JCS-1300MAS



For a full list of included components, scan the QR code or visit PROTOIndustrial.com

Description	Piece
Drive Tools	
• 1/4", 3/8" & 1/2" Drive Locking Extensions	6
• 1/2" Drive Crowsfeet SAE: 15/16" – 2-1/2"	22
Hammer, Soft Face	1
Impact Sockets	
• 3/8" Drive Thin Wall Deep SAE: 1/4" – 3/4"	9
• 3/8" Drive Thin Wall Deep Metric: 8mm – 19mm	12
• 1/2" Drive Thin Wall Deep SAE: 3/8" – 1-1/4"	15
• 1/2" Drive Thin Wall Deep Metric: 10mm – 24mm	15
Picks & Scrapers	
• Picks	4
• Scraper	1
Pliers	
• Ignition	1
• Hose Clamp	1
Pry Bars	3
Screwdrivers & Bits	
• Mini Screwdrivers	6

Description	Piece
1/4" Drive Universal Sockets	
• 12 Point SAE): 7/32" – 9/16"	9
3/8" Drive Sockets	
• Standard Spline: 3/8" – 5/8"	5
• Deep Spline: 3/8" – 5/8"	5
3/8" Drive Bit Sockets	
• XL Hex Metric: 4mm – 10mm	6
3/8" Drive Universal Sockets	
• 6 Point Metric: 10mm – 19mm	10
• 12 Point SAE: 3/8" – 3/4"	7
• 12 Point Metric: 9mm – 15mm	7
1/2" Drive Bit Sockets	
• XL Hex SAE: 1/4" – 5/8"	6
Specialty Tools	
• Inspection Mirror	1
• Ignition File	1
• Torpedo Level	1
Wrenches	
• Adjustable	2
• Angle Open End, Short: 7/32" – 1/2"	9
• Combination, Short: 1/8" – 3/8"	8

214 PIECE MODULAR SET - 3/8" & 1/2" DRIVE SOCKETS AND SPECIALTY TOOLS PLUS

Product #: JCS-MAS-7A

INCH	MM
3/8"	1/2"
6 8 12	HEX

INCLUDED IN MASTER SET

- JCS-1300MAS



For a full list of included components, scan the QR code or visit PROTOIndustrial.com

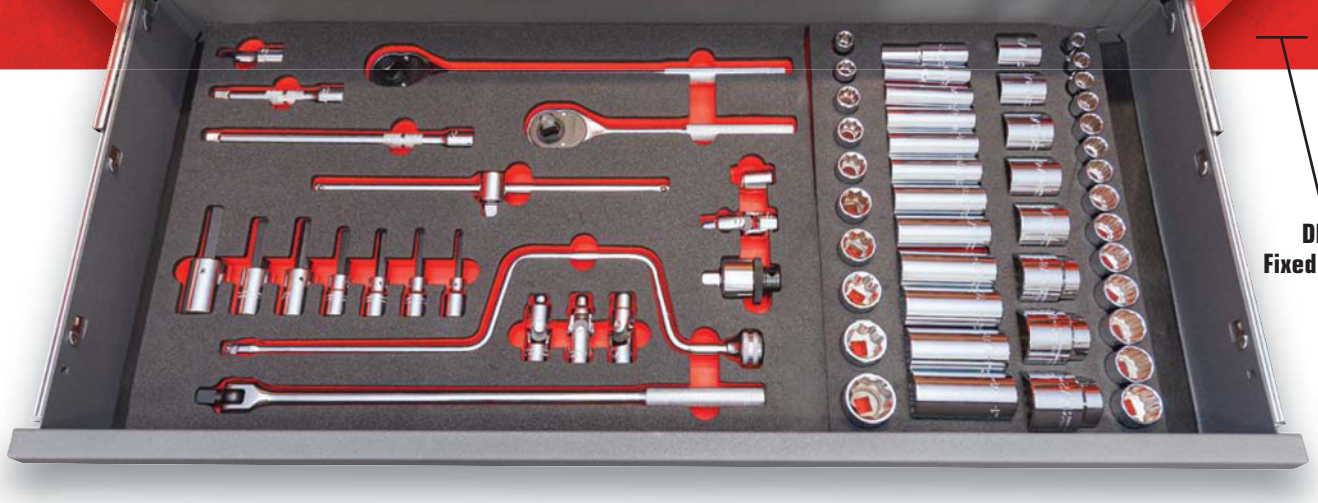
Description	Piece
Clamps	1
Drive Tools	
• 3/8" & 1/2" Drive Ratchetor	2
Hammer, Compo Cast	1
Pliers & Snips	
• Mini Pliers	6
• Aviation Snips	3
Screwdrivers & Hex Keys	
• T-Handle Hex SAE: 5/64" – 3/8"	11
• T-Handle Hex Metric: 2mm – 6mm	6
3/8" Drive Sockets	
• 6 Point Super Short SAE: 3/16" – 3/4"	10
• 6 Point SAE: 3/16"	1
• 6 Point Metric: 21mm – 26mm	6
• 12 Point Metric: 21mm – 26mm	6
• 12 Point Deep Metric: 6mm, 21mm – 23mm	4

Description	Piece
3/8" Drive Universal Sockets	
• 6 Point SAE: 3/8" – 3/4"	7
• 6 Point Metric: 7mm	1
• 12 Point Metric: 18mm – 19mm	2
1/2" Drive Sockets	
• 8 Point SAE: 3/8" – 1"	10
• 12 Point SAE: 19/32", 25/32", 29/32"	3
1/2" Drive Universal Sockets	
• 12 Point SAE: 1/2" – 5/8"	3
Specialty Tools	
• Tap & Die	76
• Feeler Gauge	25
• Hack Saws	2
• Staple/Brad Gun & Staples	2
Tape	1
Wrenches	
• Angle Open End SAE (14): 3/8" – 1-1/4"	14
• Angle Open End Metric (11): 9mm – 19mm	11



CONTENTS

FOAMED MODULAR SETS 60-74
5" W X 19" D MODULES. 62-66
11" W X 19" D MODULES 66-69
21" W X 19" D MODULES 70-72
MULTI-SIZE MODULES 73-74



WIDTH
Available in 5-1/4", 10-1/2" & 21"



*Modular sets vary in height. Measure storage drawer height(s) before placing order to ensure that drawers will accommodate modular sets.

CUSTOMIZE TOOL STORAGE WITH A VARIETY OF COMBINATIONS



- Built to fit most metal storage drawers including the PROTO® Velocity Series in various combinations.



- High quality cross linked polyethylene foam helps resist chemicals and other industrial solvents.



- Quick identification of a missing tool helps reduce downtime, tool replacement costs, and risk of FOD.

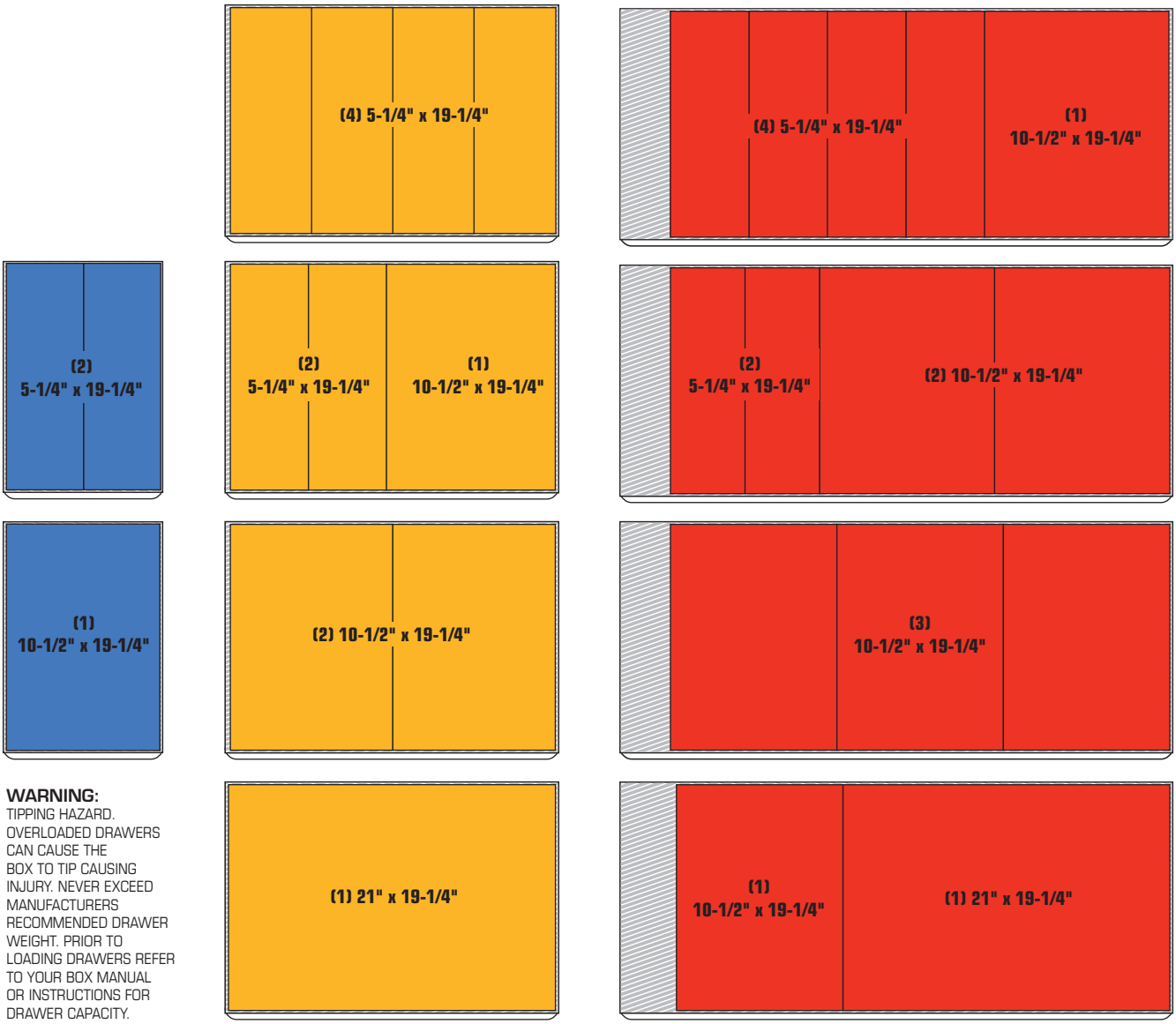


- Thick foam layers allow tools to fit tightly in place within drawer while also offering flexibility for easy tool access.

FOAMED MODULAR SETS



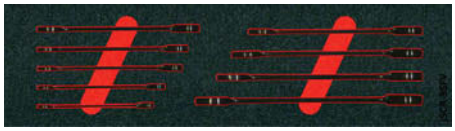
FOAM & DRAWER CONFIGURATION OPTIONS:



WARNING:
TIPPING HAZARD. OVERLOADED DRAWERS CAN CAUSE THE BOX TO TIP CAUSING INJURY. NEVER EXCEED MANUFACTURERS RECOMMENDED DRAWER WEIGHT. PRIOR TO LOADING DRAWERS REFER TO YOUR BOX MANUAL OR INSTRUCTIONS FOR DRAWER CAPACITY.

9 PIECE NON-REVERSIBLE RATCHETING COMBINATION WRENCH SET - BLACK CHROME - SPLINE - VELOCITY

Foam + Tool Set Product #: JSCR-9SKV
Tool Set Only Product #: JSCR-9S
Foam Only Product #: JSCR-9SFV



5-1/4" W X 19-1/4" D X 1-3/4" H

Contents	Description
JSCR08	WR COMB RCH SPL 1/4"
JSCR10	WR COMB RCH SPL 5/16"
JSCR12	WR COMB RCH SPL 3/8"

Contents	Description
JSCR14	WR COMB RCH SPL 7/16"
JSCR16	WR COMB RCH SPL 1/2"
JSCR18	WR COMB RCH SPL 9/16"

Contents	Description
JSCR20	WR COMB RCH SPL 5/8"
JSCR22	WR COMB RCH SPL 11/16"
JSCR24	WR COMB RCH SPL 3/4"

1/2" DRIVE 19 PIECE DEEP IMPACT SOCKET SET - BLACK OXIDE - 6 POINT - VELOCITY

Foam + Tool Set Product #: J74116KV
Tool Set Only Product #: J74116
Foam Only Product #: J74116FV



5-1/4" W X 19-1/4" D X 3-1/2" H

Contents	Description
J7312H	SKT IMP 1/2" DR 3/8" 6 PT DEEP
J7314H	SKT IMP 1/2" DR 7/16" 6 PT DEEP
J7316H	SKT IMP 1/2" DR 1/2" 6 PT DEEP
J7318H	SKT IMP 1/2" DR 9/16" 6 PT DEEP
J7320H	SKT IMP 1/2" DR 5/8" 6 PT DEEP
J7322H	SKT IMP 1/2" DR 11/16" 6 PT DEEP
J7324H	SKT IMP 1/2" DR 3/4" 6 PT DEEP

Contents	Description
J7326H	SKT IMP 1/2" DR 13/16" 6 PT DEEP
J7328H	SKT IMP 1/2" DR 7/8" 6 PT DEEP
J7330H	SKT IMP 1/2" DR 15/16" 6 PT DEEP
J7332H	SKT IMP 1/2" DR 1" 6 PT DEEP
J7334H	SKT IMP 1/2" DR 1-1/16" 6 PT DEEP
J7336H	SKT IMP 1/2" DR 1-1/8" 6 PT DEEP
J7338H	SKT IMP 1/2" DR 1-3/16" 6 PT DEEP

Contents	Description
J7340H	SKT IMP 1/2" DR 1-1/4" 6 PT DEEP
J7342H	SKT IMP 1/2" DR 1-5/16" 6 PT DEEP
J7344H	SKT IMP 1/2" DR 1-3/8" 6 PT DEEP
J7346H	SKT IMP 1/2" DR 1-7/16" 6 PT DEEP
J7348H	SKT IMP 1/2" DR 1-1/2" 6 PT DEEP

1/2" DRIVE 19 PIECE IMPACT SOCKET SET - BLACK OXIDE - 6 POINT - VELOCITY

Foam + Tool Set Product #: J74106KV
Tool Set Only Product #: J74106
Foam Only Product #: J74106FV



5-1/4" W X 19-1/4" D X 2-1/3" H

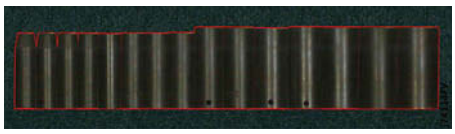
Contents	Description
J7412H	SKT IMP 1/2" DR 3/8" 6 PT
J7414H	SKT IMP 1/2" DR 7/16" 6 PT
J7416H	SKT IMP 1/2" DR 1/2" 6 PT
J7418H	SKT IMP 1/2" DR 9/16" 6 PT
J7420H	SKT IMP 1/2" DR 5/8" 6 PT
J7422H	SKT IMP 1/2" DR 11/16" 6 PT
J7424H	SKT IMP 1/2" DR 3/4" 6 PT

Contents	Description
J7426H	SKT IMP 1/2" DR 13/16" 6PT
J7428H	SKT IMP 1/2" DR 7/8" 6 PT
J7430H	SKT IMP 1/2" DR 15/16" 6 PT
J7432H	SKT IMP 1/2" DR 1" 6 PT
J7434H	SKT IMP 1/2" DR 1-1/16" 6 PT
J7436H	SKT IMP 1/2" DR 1-1/8" 6 PT
J7438H	SKT IMP 1/2" DR 1-3/16" 6 PT

Contents	Description
J7440H	SKT IMP 1/2" DR 1-1/4" 6 PT
J7442H	SKT IMP 1/2" DR 1-5/16" 6 PT
J7444H	SKT IMP 1/2" DR 1-3/8" 6 PT
J7446H	SKT IMP 1/2" DR 1-7/16" 6 PT
J7448H	SKT IMP 1/2" DR 1-1/2" 6 PT

1/2" DRIVE 15 PIECE DEEP IMPACT SOCKET SET - BLACK OXIDE - 6 POINT - VELOCITY

Foam + Tool Set Product #: J74114KV
Tool Set Only Product #: J74114
Foam Only Product #: J74114FV



5-1/4" W X 19-1/4" D X 1-3/4" H

Contents	Description
J7312H	SKT IMP 1/2" DR 3/8" 6 PT DEEP
J7314H	SKT IMP 1/2" DR 7/16" 6 PT DEEP
J7316H	SKT IMP 1/2" DR 1/2" 6 PT DEEP
J7318H	SKT IMP 1/2" DR 9/16" 6 PT DEEP
J7320H	SKT IMP 1/2" DR 5/8" 6 PT DEEP

Contents	Description
J7322H	SKT IMP 1/2" DR 11/16" 6 PT DEEP
J7324H	SKT IMP 1/2" DR 3/4" 6 PT DEEP
J7326H	SKT IMP 1/2" DR 13/16" 6 PT DEEP
J7328H	SKT IMP 1/2" DR 7/8" 6 PT DEEP
J7330H	SKT IMP 1/2" DR 15/16" 6 PT DEEP

Contents	Description
J7332H	SKT IMP 1/2" DR 1 6" PT DEEP
J7334H	SKT IMP 1/2" DR 1-1/16" 6 PT DEEP
J7336H	SKT IMP 1/2" DR 1-1/8" 6 PT DEEP
J7338H	SKT IMP 1/2" DR 1-3/16" 6 PT DEEP
J7340H	SKT IMP 1/2" DR 1-1/4" 6 PT DEEP

1/4" DRIVE 11 PIECE DRIVE TOOLS & ACCESSORIES SET W/ ELITE 90 RATCHET- FULL POLISH

Foam + Tool Set Product #: J47000KV
Tool Set Only Product #: J47000S
Foam Only Product #: J47000FVA



5-1/4" W X 19-1/4" D X 1-1/3" H

Contents	Description
J4749MAX	ELITE 90 PEAR HEAD RATCHET 1/4" DR 5"
J4750MAX	ELITE 90 PEAR HEAD RATCHET 1/4" DR 6.6875"
J4726MAXF	FLEX HEAD ELITE 90 PEAR HEAD RATCHET 1/4" R 9"

Contents	Description
J4759	EXTENSION 1/4" DR 2"
J4760	EXTENSION 1/4" DR 3"
J4761	EXTENSION 1/4" DR 6"
J4762	EXTENSION 1/4" DR 10"
J4766	HINGE HANDLE 1/4" DR 5-3/4"

Contents	Description
J4770A	UNIVERSAL JOINT 1/4" DR
J4785	SLIDING T-HANDLE 1/4" DR 4-1/2"
J5256	DR ADAPTER 1/4" F X 3/8" M

1/4" DRIVE 25 PIECE COMBINATION SOCKET SET W/ CLASSIC PEAR HEAD RATCHET - FULL POLISH - 6 POINT

Foam + Tool Set Product #: J47116KV
Foam Only Product #: J47116FVA



5-1/4" W X 19-1/4" D X 1-1/3" H

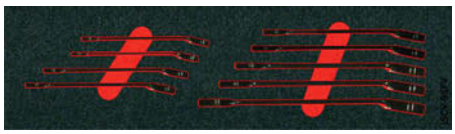
Contents	Description
J4706	SKT 1/4" DR 3/16" 6 PT
J4707	SKT 1/4" DR 7/32" 6 PT
J4708	SKT 1/4" DR 1/4" 6 PT
J4709	SKT 1/4" DR 9/32" 6 PT
J4710	SKT 1/4" DR 5/16" 6 PT
J4711	SKT 1/4" DR 11/32" 6 PT
J4712	SKT 1/4" DR 3/8" 6 PT
J4714	SKT 1/4" DR 7/16" 6 PT
J4716	SKT 1/4" DR 1/2" 6 PT

Contents	Description
J4718	SKT 1/4" DR 9/16" 6 PT
J4706L	SKT 1/4" DR 3/16" 6 PT DEEP
J4707L	SKT 1/4" DR 7/32" 6 PT DEEP
J4708L	SKT 1/4" DR 1/4" 6 PT DEEP
J4709L	SKT 1/4" DR 9/32" 6 PT DEEP
J4710L	SKT 1/4" DR 5/16" 6 PT DEEP
J4711L	SKT 1/4" DR 11/32" 6 PT DEEP
J4712L	SKT 1/4" DR 3/8" 6 PT DEEP
J4714L	SKT 1/4" DR 7/16" 6 PT DEEP

Contents	Description
J4716L	SKT 1/4" DR 1/2" 6 PT DEEP
J4718L	SKT 1/4" DR 9/16" 6 PT DEEP
JD1402R	SKT DRIVER 1/4" DR
J4770A	UNIV SKT 1/4" DR
J4759	EXTENSION 1/4" DR 2"
J4761	EXTENSION 1/4" DR 6"
J4749	CLASSIC RATCHET 1/4" DR 5"

9 PIECE REVERSIBLE RATCHETING COMBINATION WRENCH SET - BLACK CHROME - SPLINE - VELOCITY

Foam + Tool Set Product #: JSCV-9SKV
Tool Set Only Product #: JSCV-9S
Foam Only Product #: JSCV-9SFV



5-1/4" W X 19-1/4" D X 1-9/16" H

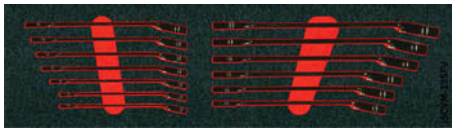
Contents	Description
JSCV09	WR COMB REV SPL 9/32"
JSCV10	WR COMB REV SPL 5/16"
JSCV12	WR COMB REV SPL 3/8"

Contents	Description
JSCV14	WR COMB REV SPL 7/16"
JSCV16	WR COMB REV SPL 1/2"
JSCV18	WR COMB REV SPL 9/16"

Contents	Description
JSCV20	WR COMB REV SPL 5/8"
JSCV22	WR COMB REV SPL 11/16"
JSCV24	WR COMB REV SPL 3/4"

13 PIECE REVERSIBLE RATCHETING COMBINATION WRENCH SET - BLACK CHROME - SPLINE - VELOCITY

Foam + Tool Set Product #: JSCVM-13SKV
Tool Set Only Product #: JSCVM-13S
Foam Only Product #: JSCVM-13SFV



5-1/4" W X 19-1/4" D X 1-9/16" H

Contents	Description
JSCVM07	WR COMB REV SPL 7MM
JSCVM08	WR COMB REV SPL 8MM
JSCVM09	WR COMB REV SPL 9MM
JSCVM10	WR COMB REV SPL 10MM
JSCVM11	WR COMB REV SPL 11MM

Contents	Description
JSCVM12	WR COMB REV SPL 12MM
JSCVM13	WR COMB REV SPL 13MM
JSCVM14	WR COMB REV SPL 14MM
JSCVM15	WR COMB REV SPL 15MM
JSCVM16	WR COMB REV SPL 16MM

Contents	Description
JSCVM17	WR COMB REV SPL 17MM
JSCVM18	WR COMB REV SPL 18MM
JSCVM19	WR COMB REV SPL 19MM

3 PIECE ADJUSTABLE WRENCH SET - SATIN - VELOCITY

Foam + Tool Set Product #: J795KV
Tool Set Only Product #: J795A
Foam Only Product #: J795FV



5-1/4" W X 19-1/4" D X 1-1/4" H

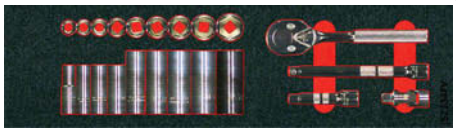
Contents	Description
J708B	WR ADJUSTABLE 8"

Contents	Description
J710B	WR ADJUSTABLE 10"

Contents	Description
J712B	WR ADJUSTABLE 12"

3/8" DRIVE 22 PIECE SOCKET SET W/ CLASSIC PEAR HEAD RATCHET - FULL POLISH - 6 POINT

Foam + Tool Set Product #: J52134KV
Foam Only Product #: J52134FV



5-1/4" W X 19-1/4" D X 1-9/16" H

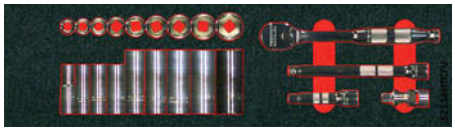
Contents	Description
J5212H	SKT 3/8" DR 3/8" 6 PT
J5214H	SKT 3/8" DR 7/16" 6 PT
J5216H	SKT 3/8" DR 1/2" 6 PT
J5218H	SKT 3/8" DR 9/16" 6 PT
J5220H	SKT 3/8" DR 5/8" 6 PT
J5222H	SKT 3/8" DR 11/16" 6 PT
J5224H	SKT 3/8" DR 3/4" 6 PT
J5226H	SKT 3/8" DR 13/16" 6 PT

Contents	Description
J5228H	SKT 3/8" DR 7/8" 6 PT
J5012H	SKT 3/8" DR 3/8" 6 PT DEEP
J5014H	SKT 3/8" DR 7/16" 6 PT DEEP
J5016H	SKT 3/8" DR 1/2" 6 PT DEEP
J5018H	SKT 3/8" DR 9/16" 6 PT DEEP
J5020H	SKT 3/8" DR 5/8" 6 PT DEEP
J5022H	SKT 3/8" DR 11/16" 6 PT DEEP
J5024H	SKT 3/8" DR 3/4" 6 PT DEEP

Contents	Description
J5026H	SKT 3/8" DR 13/16" 6 PT DEEP
J5028H	SKT 3/8" DR 7/8" 6 PT DEEP
J5270A	SKT 3/8" DR UNIV JOINT
J5260	EXTENSION 3/8" DR 3"
J5260-06	EXTENSION 3/8" DR 6"
J5249	CLASSIC RATCHET 3/8" DR 7"

3/8" DRIVE 22 PIECE SOCKET SET W/ ELITE 90 PEAR HEAD RATCHET - FULL POLISH - 6 POINT - VELOCITY

Foam + Tool Set Product #: J52134HTCKV
Foam Only Product #: J52134HTCFVA



5-1/4" W X 19-1/4" D X 1-9/16" H

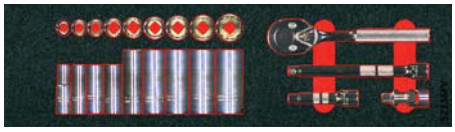
Contents	Description
J5212H	SKT 3/8" DR 3/8" 6 PT
J5214H	SKT 3/8" DR 7/16" 6 PT
J5216H	SKT 3/8" DR 1/2" 6 PT
J5218H	SKT 3/8" DR 9/16" 6 PT
J5220H	SKT 3/8" DR 5/8" 6 PT
J5222H	SKT 3/8" DR 11/16" 6 PT
J5224H	SKT 3/8" DR 3/4" 6 PT
J5226H	SKT 3/8" DR 13/16" 6 PT

Contents	Description
J5228H	SKT 3/8" DR 7/8" 6 PT
J5012H	SKT 3/8" DR 3/8" 6 PT DEEP
J5014H	SKT 3/8" DR 7/16" 6 PT DEEP
J5016H	SKT 3/8" DR 1/2" 6 PT DEEP
J5018H	SKT 3/8" DR 9/16" 6 PT DEEP
J5020H	SKT 3/8" DR 5/8" 6 PT DEEP
J5022H	SKT 3/8" DR 11/16" 6 PT DEEP
J5024H	SKT 3/8" DR 3/4" 6 PT DEEP

Contents	Description
J5026H	SKT 3/8" DR 13/16" 6 PT DEEP
J5028H	SKT 3/8" DR 7/8" 6 PT DEEP
J5270A	UNIV JOINT 3/8" DR
J5260	EXTENSION 3/8" DR 3"
J5260-06	EXTENSION 3/8" DR 6"
J5249MAX	Elite 90 RATCHET 3/8" DR 7"

3/8" DRIVE 22 PIECE SOCKET SET W/ CLASSIC PEAR HEAD RATCHET - FULL POLISH - 12 POINT - VELOCITY

Foam + Tool Set Product #: J52136KV
Foam Only Product #: J52136FV



5-1/4" W X 19-1/4" D X 1-9/16" H

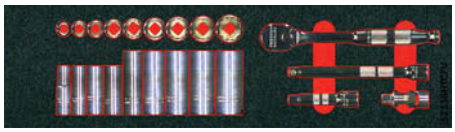
Contents	Description
J5212	SKT 3/8" DR 3/8" 12 PT
J5214	SKT 3/8" DR 7/16" 12 PT
J5216	SKT 3/8" DR 1/2" 12 PT
J5218	SKT 3/8" DR 9/16" 12 PT
J5220	SKT 3/8" DR 5/8" 12 PT
J5222	SKT 3/8" DR 11/16" 12 PT
J5224	SKT 3/8" DR 3/4" 12 PT
J5226	SKT 3/8" DR 13/16" 12 PT

Contents	Description
J5228	SKT 3/8" DR 7/8" 12 PT
J5012	SKT 3/8" DR 3/8" 12 PT DEEP
J5014	SKT 3/8" DR 7/16" 12 PT DEEP
J5016	SKT 3/8" DR 1/2" 12 PT DEEP
J5018	SKT 3/8" DR 9/16" 12 PT DEEP
J5020	SKT 3/8" DR 5/8" 12 PT DEEP
J5022	SKT 3/8" DR 11/16" 12 PT DEEP
J5024	SKT 3/8" DR 3/4" 12 PT DEEP

Contents	Description
J5026	SKT 3/8" DR 13/16" 12 PT DEEP
J5028	SKT 3/8" DR 7/8" 12 PT DEEP
J5270A	UNIV JOINT 3/8" DR
J5260	EXTENSION 3/8" DR 3"
J5260-06	EXTENSION 3/8" DR 6"
J5249	CLASSIC RATCHET 3/8" DR 7"

3/8" DRIVE 22 PIECE SOCKET SET W/ ELITE 90 PEAR HEAD RATCHET - FULL POLISH - 12 POINT - VELOCITY

Foam + Tool Set Product #: J52136HTCKV
Foam Only Product #: J52136HTCFVA



5-1/4" W X 19-1/4" D X 1-9/16" H

Contents	Description
J5212	SKT 3/8" DR 3/8" 12 PT
J5214	SKT 3/8" DR 7/16" 12 PT
J5216	SKT 3/8" DR 1/2" 12 PT
J5218	SKT 3/8" DR 9/16" 12 PT
J5220	SKT 3/8" DR 5/8" 12 PT
J5222	SKT 3/8" DR 11/16" 12 PT
J5224	SKT 3/8" DR 3/4" 12 PT
J5226	SKT 3/8" DR 13/16" 12 PT

Contents	Description
J5228	SKT 3/8" DR 7/8" 12 PT
J5012	SKT 3/8" DR 3/8" 12 PT DEEP
J5014	SKT 3/8" DR 7/16" 12 PT DEEP
J5016	SKT 3/8" DR 1/2" 12 PT DEEP
J5018	SKT 3/8" DR 9/16" 12 PT DEEP
J5020	SKT 3/8" DR 5/8" 12 PT DEEP
J5022	SKT 3/8" DR 11/16" 12 PT DEEP
J5024	SKT 3/8" DR 3/4"12 PT DEEP

Contents	Description
J5026	SKT 3/8" DR 13/16" 12 PT DEEP
J5028	SKT 3/8" DR 7/8" 12 PT DEEP
J5270A	UNIV JOINT 3/8" DR
J5260	EXTENSION 3/8" DR 3"
J5260-06	EXTENSION 3/8" DR 6"
J5249MAX	Elite 90 RATCHET 3/8" DR 7"

3/8" DRIVE 16 PIECE DRIVE TOOLS & ACCESSORIES SET W/ ELITE 90 RATCHET - FULL POLISH

Foam + Tool Set Product #: J52000KV
Tool Set Only Product #: J52000S
Foam Only Product #: J52000FVA



10-1/2" W X 19-1/4" D X 1-9/16" H

Contents	Description
J5249MAX	Elite 90 Pear Head Ratchet 3/8" DR 7"
J5250MAX	Elite 90 Pear Head Ratchet 3/8" DR 11
J5250MAXF	Flex Head Elite 90 Pear Head Ratchet 3/8" DR 13"
J5251	Spinner Ratchet 3/8" DR 1-1/2"
J5259	Extension 3/8" DR 1-3/4"
J5260	Extension 3/8" DR 3"
J5260-06	Extension 3/8" DR 6"

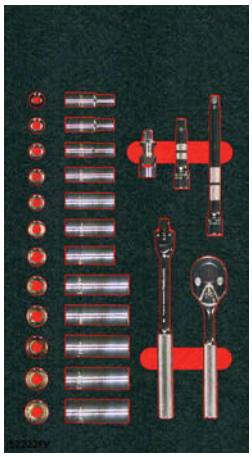
Contents	Description
J5260-03L	Locking Extension 3/8" DR 3"
J5260-06L	Locking Extension 3/8" DR 6"
J5261L	Locking Extension 3/8" DR 8"
J5262L	Locking Extension 3/8" DR 12"
J5266	Hinge Handle 3/8" DR 12"
J5270A	Universal Joint 3/8" DR
J5285	Sliding T-Handle 3/8" DR 8"
J5253	DR Adapter 3/8" F x 1/2" M
J5255	DR Adapter 3/8" F x 1/4" M

3/8" DRIVE 29 PIECE SOCKET SET W/ CLASSIC PEAR HEAD RATCHET - FULL POLISH - 12 POINT - VELOCITY

Foam + Tool Set Product #: J52222KV
Foam Only Product #: J52222FV

Contents	Description
J5208M	SKT 3/8" DR 8MM 12 PT
J5209M	SKT 3/8" DR 9MM 12 PT
J5210M	SKT 3/8" DR 10MM 12 PT
J5211M	SKT 3/8" DR 11MM 12 PT
J5212M	SKT 3/8" DR 12MM 12 PT
J5213M	SKT 3/8" DR 13MM 12 PT
J5214M	SKT 3/8" DR 14MM 12 PT
J5215M	SKT 3/8" DR 15MM 12 PT
J5216M	SKT 3/8" DR 16MM 12 PT
J5217M	SKT 3/8" DR 17MM 12 PT
J5218M	SKT 3/8" DR 18MM 12 PT
J5219M	SKT 3/8" DR 19MM 12 PT
J5008M	SKT 3/8" DR 8MM 12 PT DEEP
J5009M	SKT 3/8" DR 9MM 12 PT DEEP
J5010M	SKT 3/8" DR 10MM 12 PT DEEP

Contents	Description
J5011M	SKT 3/8" DR 11MM 12 PT DEEP
J5012M	SKT 3/8" DR 12MM 12 PT DEEP
J5013M	SKT 3/8" DR 13MM 12 PT DEEP
J5014M	SKT 3/8" DR 14MM 12 PT DEEP
J5015M	SKT 3/8" DR 15MM 12 PT DEEP
J5016M	SKT 3/8" DR 16"MM 12 PT DEEP
J5017M	SKT 3/8" DR 17MM 12 PT DEEP
J5018M	SKT 3/8" DR 18MM 12 PT DEEP
J5019M	SKT 3/8" DR 19MM 12 PT DEEP
J5270A	UNIV JOINT 3/8" DR
J5260	EXTENSION 3/8" DR 3"
J5260-06	EXTENSION 3/8" DR 6"
J5265	HANDLE HINGE 3/8" DR 7-7/8"
J5249	CLASSIC RATCHET 3/8" DR 7"



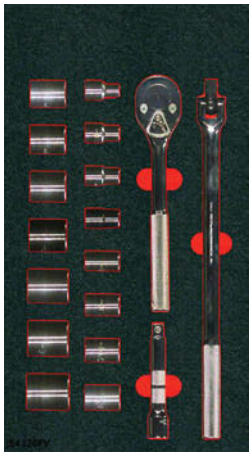
10-1/4" W X 19-1/4" D X 1-1/3" H

1/2" DRIVE 18 PIECE SOCKET SET W/ CLASSIC PEAR HEAD RATCHET - FULL POLISH - 12 POINT - VELOCITY

Foam + Tool Set Product #: J54120KV
Foam Only Product #: J54120FV

Contents	Description
J5412	SKT 1/2" DR 3/8" 12 PT
J5414	SKT 1/2" DR 7/16" 12 PT
J5416	SKT 1/2" DR 1/2" 12 PT
J5418	SKT 1/2" DR 9/16" 12 PT
J5420	SKT 1/2" DR 5/8" 12 PT
J5422	SKT 1/2" DR 11/16" 12 PT
J5424	SKT 1/2" DR 3/4" 12 PT
J5426	SKT 1/2" DR 13/16" 12 PT
J5428	SKT 1/2" DR 7/8" 12 PT

Contents	Description
J5430	SKT 1/2" DR 15/16" 12 PT
J5432	SKT 1/2" DR 1" 12 PT
J5434	SKT 1/2" DR 1-1/16" 12 PT
J5436	SKT 1/2" DR 1-1/8" 12 PT
J5438	SKT 1/2" DR 1-3/16" 12 PT
J5440	SKT 1/2" DR 1-1/4" 12 PT
J5461	EXTENSION 1/2" DR 5"
J5467	HANDLE HINGE 1/2" DR 15-3/4"
J5449	CLASSIC RATCHET 1/2" DR 7"



10-1/2" W X 19-1/4" D X 1-5/8" H

1/2" DRIVE 18 PIECE SOCKET SET W/ CLASSIC PEAR HEAD RATCHET - FULL POLISH - 6 POINT - VELOCITY

Foam + Tool Set Product #: J54122KV
Foam Only Product #: J54122FV

Contents	Description
J5412H	SKT 1/2" DR 3/8" 6 PT
J5414H	SKT 1/2" DR 7/16" 6 PT
J5416H	SKT 1/2" DR 1/2" 6 PT
J5418H	SKT 1/2" DR 9/16" 6 PT
J5420H	SKT 1/2" DR 5/8" 6 PT
J5422H	SKT 1/2" DR 11/16" 6 PT
J5424H	SKT 1/2" DR 3/4" 6 PT
J5426H	SKT 1/2" DR 13/16" 6 PT
J5428H	SKT 1/2" DR 7/8" 6 PT

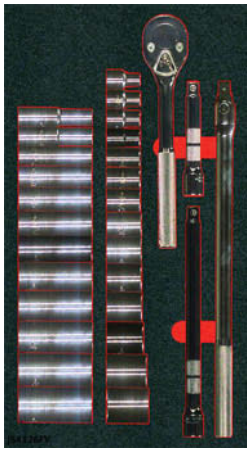
Contents	Description
J5430H	SKT 1/2" DR 15/16" 6 PT
J5432H	SKT 1/2" DR 1" 6 PT
J5434H	SKT 1/2" DR 1-1/16" 6 PT
J5436H	SKT 1/2" DR 1-1/8" 6 PT
J5438H	SKT 1/2" DR 1-3/16" 6 PT
J5440H	SKT 1/2" DR 1-1/4" 6 PT
J5461	EXTENSION 1/2" DR 5"
J5467	HANDLE HINGE 1/2" DR 15-3/4
J5449	CLASSIC RATCHET 1/2" DR 7"



10-1/2" W X 19-1/4" D X 1-5/8" H

1/2" DRIVE 30 PIECE SOCKET SET W/ CLASSIC PEAR HEAD RATCHET - FULL POLISH - 12 POINT - VELOCITY

Foam + Tool Set Product #: J54126KV
Foam Only Product #: J54126FV



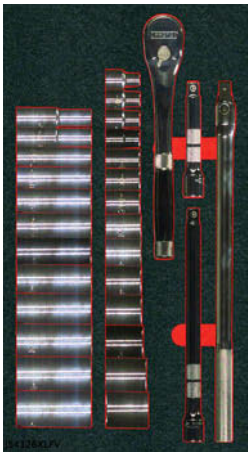
10-1/2" W X 19-1/4" D X 1-9/16" H

Contents	Description
J5412	SKT 1/2" DR 3/8" 12 PT
J5414	SKT 1/2" DR 7/16" 12 PT
J5416	SKT 1/2" DR 1/2" 12 PT
J5418	SKT 1/2" DR 9/16" 12 PT
J5420	SKT 1/2" DR 5/8" 12 PT
J5422	SKT 1/2" DR 11/16" 12 PT
J5424	SKT 1/2" DR 3/4" 12 PT
J5426	SKT 1/2" DR 13/16" 12 PT
J5428	SKT 1/2" DR 7/8" 12 PT
J5430	SKT 1/2" DR 15/16" 12 PT
J5432	SKT 1/2" DR 1" 12 PT
J5434	SKT 1/2" DR 1-1/16" 12 PT
J5436	SKT 1/2" DR 1-1/8" 12 PT
J5440	SKT 1/2" DR 1-1/4" 12 PT
J5316	SKT 1/2" DR 1/2" 12 PT DEEP

Contents	Description
J5318	SKT 1/2" DR 9/16" 12 PT DEEP
J5320	SKT 1/2" DR 5/8" 12 PT DEEP
J5322	SKT 1/2" DR 11/16" 12 PT DEEP
J5324	SKT 1/2" DR 3/4"12 PT DEEP
J5326	SKT 1/2" DR 13/16" 12 PT DEEP
J5328	SKT 1/2" DR 7/8" 12 PT DEEP
J5330	SKT 1/2" DR 15/16" 12 PT DEEP
J5332	SKT 1/2" DR 1" 12 PT DEEP
J5334	SKT 1/2" DR 1-1/16" 12 PT DEEP
J5336	SKT 1/2" DR 1-1/8" 12 PT DEEP
J5340	SKT 1/2" DR 1-1/4" 12 PT DEEP
J5461	EXTENSION 1/2" DR 5"
J5463	EXTENSION 1/2" DR 10"
J5467	HANDLE HINGE 1/2" DR 15-3/4"
J5449	CLASSIC RATCHET 1/2" DR 7"

1/2" DRIVE 30 PIECE SOCKET SET W/ PREMIUM PEAR HEAD RATCHET - FULL POLISH - 12 POINT - VELOCITY

Foam + Tool Set Product #: J54126XLKV
Foam Only Product #: J54126XLFV



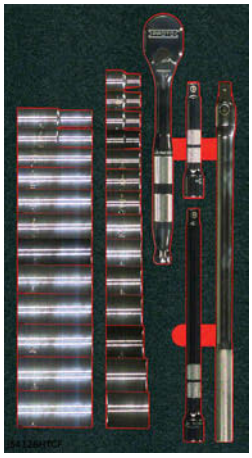
10-1/2" W X 19-1/4" D X 1-9/16" H

Contents	Description
J5412	SKT 1/2" DR 3/8" 12 PT
J5414	SKT 1/2" DR 7/16" 12 PT
J5416	SKT 1/2" DR 1/2" 12 PT
J5418	SKT 1/2" DR 9/16" 12 PT
J5420	SKT 1/2" DR 5/8" 12 PT
J5422	SKT 1/2" DR 11/16" 12 PT
J5424	SKT 1/2" DR 3/4" 12 PT
J5426	SKT 1/2" DR 13/16" 12 PT
J5428	SKT 1/2" DR 7/8" 12 PT
J5430	SKT 1/2" DR 15/16" 12 PT
J5432	SKT 1/2" DR 1" 12 PT
J5434	SKT 1/2" DR 1-1/16" 12 PT
J5436	SKT 1/2" DR 1-1/8" 12 PT
J5440	SKT 1/2" DR 1-1/4" 12 PT
J5316	SKT 1/2" DR 1/2" 12 PT DEEP

Contents	Description
J5318	SKT 1/2" DR 9/16" 12 PT DEEP
J5320	SKT 1/2" DR 5/8" 12 PT DEEP
J5322	SKT 1/2" DR 11/16" 12 PT DEEP
J5324	SKT 1/2" DR 3/4"12 PT DEEP
J5326	SKT 1/2" DR 13/16" 12 PT DEEP
J5328	SKT 1/2" DR 7/8" 12 PT DEEP
J5330	SKT 1/2" DR 15/16" 12 PT DEEP
J5332	SKT 1/2" DR 1 "12 PT DEEP
J5334	SKT 1/2" DR 1-1/16" 12 PT DEEP
J5336	SKT 1/2" DR 1-1/8" 12 PT DEEP
J5340	SKT 1/2" DR 1-1/4" 12 PT DEEP
J5461	EXTENSION 1/2" DR 5"
J5463	EXTENSION 1/2" DR 10"
J5467	HANDLE HINGE 1/2" DR 15-3/4"
J5449XL	PREMIUM RATCHET 1/2" DR 10-1/2"

1/2" DRIVE 30 PIECE SOCKET SET W/ ELITE 90 PEAR HEAD RATCHET - FULL POLISH - 12 POINT - VELOCITY

Foam + Tool Set Product #: J54126HTCKV
Foam Only Product #: J54126HTCFVA



10-1/2" W X 19-1/4" D X 1-9/16" H

Contents	Description
J5412	SKT 1/2" DR 3/8" 12 PT
J5414	SKT 1/2" DR 7/16" 12 PT
J5416	SKT 1/2" DR 1/2" 12 PT
J5418	SKT 1/2" DR 9/16" 12 PT
J5420	SKT 1/2" DR 5/8" 12 PT
J5422	SKT 1/2" DR 11/16" 12 PT
J5424	SKT 1/2" DR 3/4" 12 PT
J5426	SKT 1/2" DR 13/16" 12 PT
J5428	SKT 1/2" DR 7/8" 12 PT
J5430	SKT 1/2" DR 15/16" 12 PT
J5432	SKT 1/2" DR 1" 12 PT
J5434	SKT 1/2" DR 1-1/16" 12 PT
J5436	SKT 1/2" DR 1-1/8" 12 PT
J5440	SKT 1/2" DR 1-1/4" 12 PT
J5316	SKT 1/2" DR 1/2" 12 PT DEEP

Contents	Description
J5318	SKT 1/2" DR 9/16" 12 PT DEEP
J5320	SKT 1/2" DR 5/8" 12 PT DEEP
J5322	SKT 1/2" DR 11/16" 12 PT DEEP
J5324	SKT 1/2" DR 3/4" 12 PT DEEP
J5326	SKT 1/2" DR 13/16" 12 PT DEEP
J5328	SKT 1/2" DR 7/8" 12 PT DEEP
J5330	SKT 1/2" DR 15/16" 12 PT DEEP
J5332	SKT 1/2" DR 1" 12 PT DEEP
J5334	SKT 1/2" DR 1-1/16" 12 PT DEEP
J5336	SKT 1/2" DR 1-1/8" 12 PT DEEP
J5340	SKT 1/2" DR 1-1/4" 12 PT DEEP
J5461	EXTENSION 1/2" DR 5"
J5463	EXTENSION 1/2" DR 10"
J5467	HANDLE HINGE 1/2" DR 15-3/4"
J5449MAX	Elite 90 Ratchet 1/2" DR 10"

6 PIECE CUTTING PLIERS SET

Foam + Tool Set Product #: J201GSKV
Tool Set Only Product #: J201GS
Foam Only Product #: J201GSFV



10-1/2" W X 19-1/4" D X 1-1/4" H

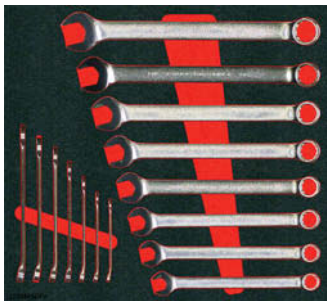
Contents	Description
J204G	Pliers, Diagonal Cutting w/ Grip 4-7/16"
J209G	Pliers, Diagonal Cutting w/ Grip 7-5/16"
J226-01G	Pliers, Needle Nose w/ Spring and Cutter 7-1/2"
J229-01G	Pliers, Needle Nose w/ Spring and Cutter 5-9/16"
J269G	Pliers, Lineman's High Leverage 9-1/4"
J272G	Pliers, End Cutting High Leverage 8-1/4"

15 PIECE COMBINATION WRENCH SET - SATIN - 12 POINT - VELOCITY

Foam + Tool Set Product #: J1200FASDKV
Tool Set Only Product #: J1200FASD
Foam Only Product #: J1200FASDFV

Contents	Description
J1210A	WR COMB 5/16" ASD 12 PT
J1212ASD	WR COMB 3/8" ASD 12 PT
J1214ASD	WR COMB 7/16" ASD 12 PT
J1216ASD	WR COMB 1/2" ASD 12 PT
J1218ASD	WR COMB 9/16" ASD 12 PT
J1220ASD	WR COMB 5/8" ASD 12 PT
J1222ASD	WR COMB 11/16" ASD 12 PT
J1224ASD	WR COMB 3/4" ASD 12 PT

Contents	Description
J1226ASD	WR COMB 13/16" ASD 12 PT
J1228ASD	WR COMB 7/8" ASD 12 PT
J1230ASD	WR COMB 15/16" ASD 12 PT
J1232ASD	WR COMB 1" ASD 12 PT
J1234ASD	WR COMB 1-1/16" ASD 12 PT
J1236ASD	WR COMB 1-1/8" ASD 12 PT
J1240ASD	WR COMB 1-1/4" ASD 12 PT



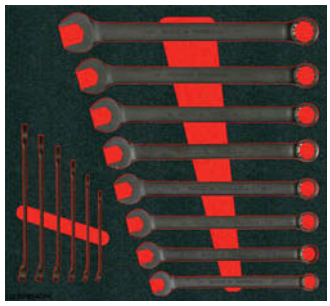
21" W X 19-1/4" D X 1-9/16" H

14 PIECE COMBINATION WRENCH SET - BLACK OXIDE - 12 POINT - VELOCITY

Foam + Tool Set Product #: J1200FBASDKV
Tool Set Only Product #: J1200FBASD
Foam Only Product #: J1200FBASDFV

Contents	Description
J1212BASD	WR COMB 3/8" ASD 12 PT
J1214BASD	WR COMB 7/16" ASD 12 PT
J1216BASD	WR COMB 1/2" ASD 12 PT
J1218BASD	WR COMB 9/16" ASD 12 PT
J1220BASD	WR COMB 5/8" ASD 12 PT
J1222BASD	WR COMB 11/16" ASD 12 PT
J1224BASD	WR COMB 3/4" ASD 12 PT

Contents	Description
J1226BASD	WR COMB 13/16" ASD 12 PT
J1228BASD	WR COMB 7/8" ASD 12 PT
J1230BASD	WR COMB 15/16" ASD 12 PT
J1232BASD	WR COMB 1" ASD 12 PT
J1234BASD	WR COMB 1-1/16" ASD 12 PT
J1236BASD	WR COMB 1-1/8" ASD 12 PT
J1240BASD	WR COMB 1-1/4" ASD 12 PT



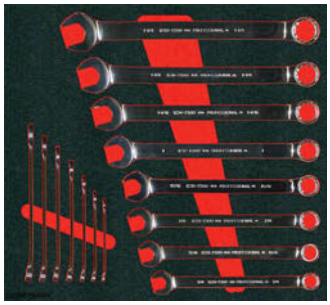
21" W X 19-1/4" D X 1-9/16" H

15 PIECE COMBINATION WRENCH SETS - FULL POLISH - 12 POINT - VELOCITY

Foam + Tool Set Product #: J1200F-T500KV
Tool Set Only Product #: J1200F-T500
Foam Only Product #: J1200F-T500FV

Contents	Description
J1210-T500	WR COMB 5/16" ASD 12 PT
J1212-T500	WR COMB 3/8" ASD 12 PT
J1214-T500	WR COMB 7/16" ASD 12 PT
J1216-T500	WR COMB 1/2" ASD 12 PT
J1218-T500	WR COMB 9/16" ASD 12 PT
J1220-T500	WR COMB 5/8" ASD 12 PT
J1222-T500	WR COMB 11/16" ASD 12PT
J1224-T500	WR COMB 3/4" ASD 12 PT

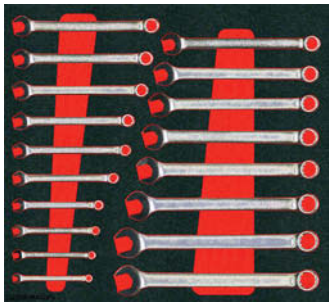
Contents	Description
J1226-T500	WR COMB 13/16" ASD 12 PT
J1228-T500	WR COMB 7/8" ASD 12 PT
J1230-T500	WR COMB 15/16" ASD 12 PT
J1232-T500	WR COMB 1" ASD 12 PT
J1234-T500	WR COMB 1-1/16" ASD 12 PT
J1236-T500	WR COMB 1-1/8" ASD 12 PT
J1240-T500	WR COMB 1-1/4" ASD 12 PT



21" W X 19-1/4" D X 1-9/16" H

18 PIECE METRIC COMBINATION ASD WRENCH SET - SATIN - 12 POINT - VELOCITY

Foam + Tool Set Product #: J1200R-MASDKV
Tool Set Only Product #: J1200R-MASD
Foam Only Product #: J1200R-MASDFV



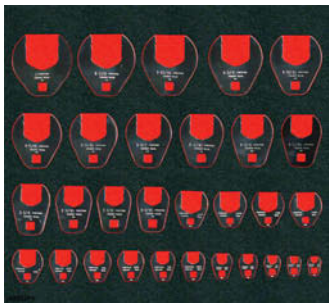
21" W X 19-1/4" D X 1-3/8" H

Contents	Description
J1207MA	WR COMB 7MM ASD 12 PT
J1208MA	WR COMB 8MM ASD 12 PT
J1209MA	WR COMB 9MM ASD 12 PT
J1210MASD	WR COMB 10MM ASD 12 PT
J1211MASD	WR COMB 11MM ASD 12 PT
J1212MASD	WR COMB 12MM ASD 12 PT
J1213MASD	WR COMB 13MM ASD 12 PT
J1214MASD	WR COMB 14MM ASD 12 PT
J1215MASD	WR COMB 15MM ASD 12 PT

Contents	Description
J1216MASD	WR COMB 16MM ASD 12 PT
J1217MASD	WR COMB 17MM ASD 12 PT
J1218MASD	WR COMB 18MM ASD 12 PT
J1219MASD	WR COMB 19MM ASD 12 PT
J1220MASD	WR COMB 20MM ASD 12 PT
J1221MASD	WR COMB 21MM ASD 12 PT
J1222MASD	WR COMB 22MM ASD 12 PT
J1223MASD	WR COMB 23MM ASD 12 PT
J1224MASD	WR COMB 24MM ASD 12 PT

30 PIECE 3/8" & 1/2" DRIVE CROWFOOT SET - VELOCITY

Foam + Tool Set Product #: J49002KV
Tool Set Only Product #: J49002S
Foam Only Product #: J49002FV



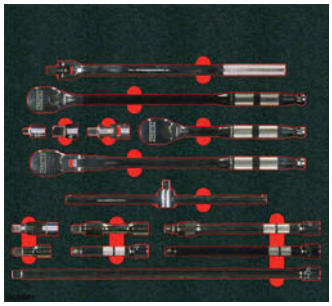
21" W X 19-1/4" D X 1-1/4" H

Contents	Description
J4912CF	Crowfoot 3/8"
J4914CF	Crowfoot 7/16"
J4916CF	Crowfoot 1/2"
J4918CF	Crowfoot 9/16"
J4920CF	Crowfoot 5/8"
J4922CF	Crowfoot 11/16"
J4924CF	Crowfoot 3/4"
J4926CF	Crowfoot 13/16"
J4928CF	Crowfoot 7/8"
J4930CF	Crowfoot 15/16"
J4932CF	Crowfoot 1"
J4934CF	Crowfoot 1-1/16"
J4936CF	Crowfoot 1-1/8"
J4938CF	Crowfoot 1-3/16"
J4940CF	Crowfoot 1-1/4"

Contents	Description
J5334CF	Crowfoot 1-1/16"
J5336CF	Crowfoot 1-1/8"
J5338CF	Crowfoot 1-3/16"
J5340CF	Crowfoot 1-1/4"
J5342CF	Crowfoot 1-5/16"
J5344CF	Crowfoot 1-3/8"
J5346CF	Crowfoot 1-7/16"
J5348CF	Crowfoot 1-1/2"
J5350CF	Crowfoot 1-9/16"
J5352CF	Crowfoot 1-5/8"
J5354CF	Crowfoot 1-11/16"
J5356CF	Crowfoot 1-3/4"
J5358CF	Crowfoot 1-13/16"
J5360CF	Crowfoot 1-7/8"
J5364CF	Crowfoot 2"

1/2" DRIVE 15 PIECE DRIVE TOOLS & ACCESSORIES SET W/ ELITE 90 RATCHET - FULL POLISH - VELOCITY

Foam + Tool Set Product #: J54000KV
Tool Set Only Product #: J54000S
Foam Only Product #: J54000FVA



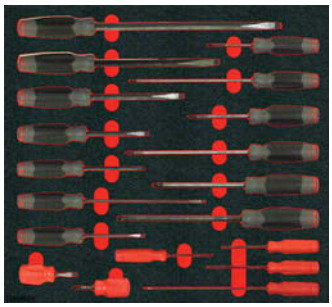
21" W X 19-1/4" D X 1-1/2" H

Contents	Description
J5449MAX	Elite 90 Ratchet 1/2" DR 10"
J5450MAX	Elite 90 Pear Head Ratchet 1/2" DR 18"
J5450MAXF	Elite 90 Pear Head Ratchet 1/2" DR 18"
J5460	Extension 1/2" DR - 2-1/2"
J5460-03L	Locking Extension 1/2" DR 3"
J5461	Extension 1/2" DR 5"
J5461L	Locking Extension 1/2" DR 5"

Contents	Description
J5463	Extension 1/2" DR 10"
J5463L	Locking Extension 1/2" DR 10"
J5464	Extension 1/2" DR 20"
J5467	Hinge Handle 1/2" DR 15-3/4"
J5470A	Universal Joint 1/2" DR
J5485	Sliding T-Handle 1/2" DR
J5254	DR Adapter 1/2" F x 3/8" M
J5653	DR Adapter 1/2" F x 3/4" M

19 PIECE DURATEK SCREWDRIVER SET - VELOCITY

Foam + Tool Set Product #: J1219RCFKV
Tool Set Only Product #: J1219RCF
Foam Only Product #: J1219SCFV



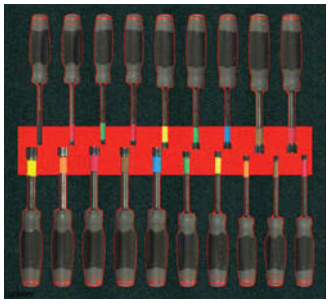
21" W X 19-1/4" D X 1-3/8" H

Contents	Description
JCP1803RF	Screwdriver Slotted Cabinet Round 1/8" x 3"
JCP1804RF	Screwdriver Slotted Cabinet Round 1/8" x 4"
JCP1808RF	Screwdriver Slotted Cabinet Round 1/8" x 8"
JC31604RF	Screwdriver Slotted Cabinet Round 3/16" x 4"
JKB31604RPF	Screwdriver Slotted Square 3/16" x 4"
JC31608RF	Screwdriver Slotted Cabinet Round 3/16" x 8"
JK14112RF	Screwdriver Slotted Stubby Round 1/4" x 1-1/2"
JKB1404RPF	Screwdriver Slotted Square 1/4" x 4"

Contents	Description
JKB51606RPF	Screwdriver Slotted Square 5/16" x 6"
JKB3808RPF	Screwdriver Slotted Square 3/8" x 8"
JKB3812RPF	Screwdriver Slotted Square 3/8" x 12"
JPP0003RF	Screwdriver Phillips Round # 0 x 3"
JP0103RF	Screwdriver Phillips Round # 1 x 3"
JP0108RF	Screwdriver Phillips Round # 1 x 8"
JP02112RF	Screwdriver Phillips Stubby Round # 2 x 1-1/2"
JP0204RF	Screwdriver Phillips Round # 2 x 4"
JP0208RF	Screwdriver Phillips Round # 2 x 8"
JP0306RF	Screwdriver Phillips Round # 3 x 6"
JP0408RF	Screwdriver Phillips Round # 4 x 8"

19 PIECE DURATEK NUT DRIVER SET - VELOCITY

Foam + Tool Set Product #: J12000KV
Tool Set Only Product #: J12000S
Foam Only Product #: J12000FV



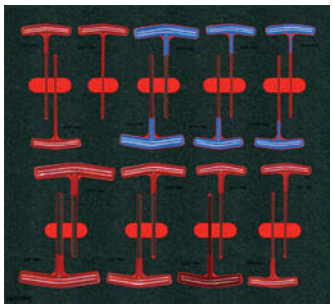
21" W X 19-1/4" D X 1-3/8" H

Contents	Description
JN31604RS	Nut Driver 3/16" x 4"
JN1404RS	Nut Driver 1/4" x 4"
JN51604RS	Nut Driver 5/16" x 4"
JN113204RS	Nut Driver 11/32" x 4"
JN3804RS	Nut Driver 3/8" x 4"
JN71604RS	Nut Driver 7/16" x 4"
JN1204RS	Nut Driver 1/2" x 4"
JN0404RMS	Nut Driver 4 mm x 4"
JN0504RMS	Nut Driver 5 mm x 4"
JN5504RMS	Nut Driver 5.5 mm x 4"

Contents	Description
JN0604RMS	Nut Driver 6 mm x 4"
JN0704RMS	Nut Driver 7 mm x 4"
JN0804RMS	Nut Driver 8 mm x 4"
JN0904RMS	Nut Driver 9 mm x 4"
JN1004RMS	Nut Driver 10 mm x 4"
JN1104RMS	Nut Driver 11 mm x 4"
JN1204RMS	Nut Driver 12 mm x 4"
JN1304RMS	Nut Driver 13 mm x 4"
JN1404RMS	Nut Driver 14 mm x 4"

17 PIECE T-HANDLE HEX KEY SET - VELOCITY

Foam + Tool Set Product #: J4970KV
Tool Set Only Product #: J4970S
Foam Only Product #: J4970FV



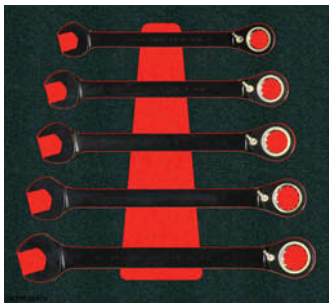
21" W X 19-1/4" D X 1-1/4" H

Contents	Description
J46405	T-Handle Hex Key 5/64"
J46406	T-Handle Hex Key 3/32"
J46407	T-Handle Hex Key 7/64"
J46408	T-Handle Hex Key 1/8"
J46409	T-Handle Hex Key 9/64"
J46410	T-Handle Hex Key 5/32"
J46412	T-Handle Hex Key 3/16"
J46414	T-Handle Hex Key 7/32"
J46416	T-Handle Hex Key 1/4"

Contents	Description
J46420	T-Handle Hex Key 5/16"
J46424	T-Handle Hex Key 3/8"
J46508	T-Handle Hex Key 2 mm
J46510	T-Handle Hex Key 2.5 mm
J46512	T-Handle Hex Key 3 mm
J46514	T-Handle Hex Key 4 mm
J46516	T-Handle Hex Key 5 mm
J46518	T-Handle Hex Key 6 mm

22 PIECE REVERSIBLE RATCHETING COMBINATION WRENCH SET - BLACK CHROME - SPLINE - VELOCITY

Foam + Tool Set Product #: JSCVM-22SKV
Tool Set Only Product #: JSCVM-22S
Foam Only Product #: JSCVM-22SFV



21" W X 19-1/4" D X 1-3/8" H



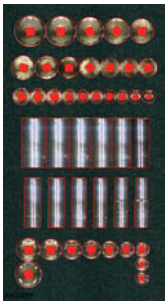
10-1/2" W X 19-1/4" D X 1-1/2" H

Contents	Description
JSCVM06	WR COMB REV SPL 6MM
JSCVM07	WR COMB REV SPL 7MM
JSCVM08	WR COMB REV SPL 8MM
JSCVM09	WR COMB REV SPL 9MM
JSCVM10	WR COMB REV SPL 10MM
JSCVM11	WR COMB REV SPL 11MM
JSCVM12	WR COMB REV SPL 12MM
JSCVM13	WR COMB REV SPL 13MM
JSCVM14	WR COMB REV SPL 14MM
JSCVM15	WR COMB REV SPL 15MM
JSCVM16	WR COMB REV SPL 16MM

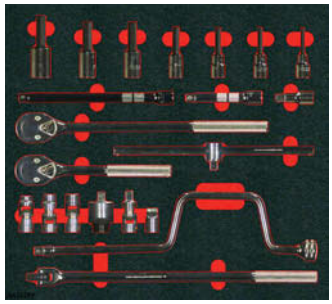
Contents	Description
JSCVM17	WR COMB REV SPL 17MM
JSCVM18	WR COMB REV SPL 18MM
JSCVM19	WR COMB REV SPL 19MM
JSCVM21	WR COMB REV SPL 21MM
JSCVM22	WR COMB REV SPL 22MM
JSCVM24	WR COMB REV SPL 24MM
JSCVM27	WR COMB REV SPL 27MM
JSCVM30	WR COMB REV SPL 30MM
JSCVM32	WR COMB REV SPL 32MM
JSCVM34	WR COMB REV SPL 34MM
JSCVM36	WR COMB REV SPL 36MM

1/2" DRIVE 65 PIECE COMBINATION SOCKET SET - FULL POLISH - 8 & 12 POINT - VELOCITY

Foam + Tool Set Product #: J54132KV
Tool Set Only Product #: J54132
Foam Only Product #: J54132FV



10-1/2" W X 19-1/4" D X 2-3/8" H

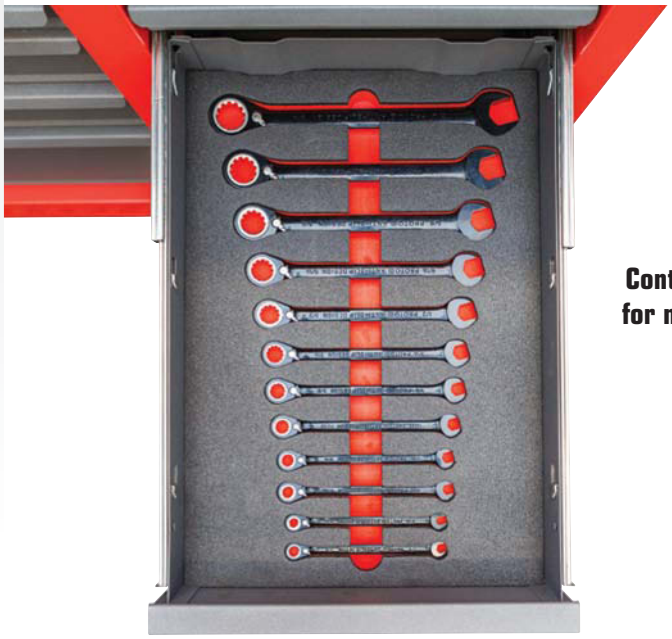


21" W X 19-1/4" D X 1-5/8" H

Contents	Description
J5412S	SKT 1/2" DR 3/8" 8 PT
J5414S	SKT 1/2" DR 7/16" 8 PT
J5416S	SKT 1/2" DR 1/2" 8 PT
J5418S	SKT 1/2" DR 9/16" 8 PT
J5420S	SKT 1/2" DR 5/8" 8 PT
J5422S	SKT 1/2" DR 11/16" 8 PT
J5424S	SKT 1/2" DR 3/4" 8 PT
J5426S	SKT 1/2" DR 13/16" 8 PT
J5428S	SKT 1/2" DR 7/8" 8 PT
J5432S	SKT 1/2" DR 1" 8 PT
J5412	SKT 1/2" DR 3/8" 12 PT
J5414	SKT 1/2" DR 7/16" 12 PT
J5416	SKT 1/2" DR 1/2" 12 PT
J5418	SKT 1/2" DR 9/16" 12 PT
J5419	SKT 1/2" DR 19/32" 12 PT
J5420	SKT 1/2" DR 5/8" 12 PT
J5422	SKT 1/2" DR 11/16" 12 PT
J5424	SKT 1/2" DR 3/4" 12 PT
J5425	SKT 1/2" DR 25/32" 12 PT
J5426	SKT 1/2" DR 13/16" 12 PT
J5428	SKT 1/2" DR 7/8" 12 PT
J5429	SKT 1/2" DR 29/32" 12 PT
J5430	SKT 1/2" DR 15/16" 12 PT
J5432	SKT 1/2" DR 1" 12 PT

Contents	Description
J5434	SKT 1/2" DR 1-1/16" 12 PT
J5436	SKT 1/2" DR 1-1/8" 12 PT
J5438	SKT 1/2" DR 1-3/16" 12 PT
J5440	SKT 1/2" DR 1-1/4" 12 PT
J5442	SKT 1/2" DR 1-5/16" 12 PT
J5444	SKT 1/2" DR 1-3/8" 12 PT
J5446	SKT 1/2" DR 1-7/16" 12 PT
J5448	SKT 1/2" DR 1-1/2" 12 PT
J5316	SKT 1/2" DR 1/2" 12 PT DEEP
J5318	SKT 1/2" DR 9/16" 12 PT DEEP
J5320	SKT 1/2" DR 5/8" 12 PT DEEP
J5322	SKT 1/2" DR 11/16" 12 PT DEEP
J5324	SKT 1/2" DR 3/4"12 PT DEEP
J5326	SKT 1/2" DR 13/16" 12 PT DEEP
J5328	SKT 1/2" DR 7/8" 12 PT DEEP
J5330	SKT 1/2" DR 15/16" 12 PT DEEP
J5332	SKT 1/2" DR 1" 12 PT DEEP
J5334	SKT 1/2" DR 1-1/16" 12 PT DEEP
J5336	SKT 1/2" DR 1-1/8" 12 PT DEEP
J5340	SKT 1/2" DR 1-1/4" 12 PT DEEP
J5444A	SKT DRAG LINK 1/2" DR 3/4"

Contents	Description
J54411/2	SKT HEX BIT 1/2" DR 1/2"
J54411/4	SKT HEX BIT 1/2" DR 1/4"
J54413/8	SKT HEX BIT 1/2" DR 3/8"
J54415/16	SKT HEX BIT 1/2" DR 5/16"
J54415/8	SKT HEX BIT 1/2" DR 5/8"
J54417/16	SKT HEX BIT 1/2" DR 7/16"
J54419/16	SKT HEX BIT 1/2" DR 9/16"
J5470A	UNIV JOINT 1/2" DR
J5475A	UNIV SKT 1/2" DR 1/2" 12 PT
J5476A	UNIV SKT 1/2" DR 9/16" 12 PT
J5477A	UNIV SKT 1/2" DR 5/8" 12 PT
J5460	EXTENSION 1/2" DR 2-1/2"
J5461	EXTENSION 1/2" DR 5"
J5463	EXTENSION 1/2" DR 10"
J5468	HANDLE HINGE 1/2" DR 18-5/8"
J5480AG	HANDLE SLIDING-T 1/2" DR
J5485	HANDLE SLIDING-T 1/2" DR
J5447	RATCHET ADAPTER 1/2" DR
J5449	CLASSIC RATCHET 1/2" DR 10"
J5450	CLASSIC RATCHET 1/2" DR 16"



Contact your Proto Rep for more information on Modular Sets



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PRECISION

WHEN THERE IS NO TIME FOR DELAYS

MEET OR EXCEEDS STANDARDS

Plating Standard AS4984A: Requires Tools to have a 40% thicker* nickel-chrome coating for greater corrosion-resistance and durability.

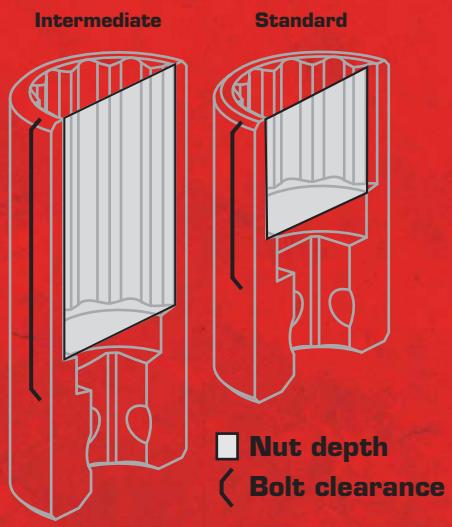
Dimensional & Performance Standards

Requires tools to meet specifications to help promote safety, quality and effectiveness of products and services:
SAE AS955, SAE AS4283C, SAE AS954G, AS4984A.



INTERMEDIATE SOCKETS

PROTO® intermediate sockets feature increased Nut Depth and Bolt Clearance vs. Standard Length sockets. This gives PROTO® intermediate sockets versatility in tight spaces.





*Than tools that meet ASME Specs

RATCHET GUIDE

CLASSIC PEAR HEAD RATCHETS
24-tooth gear produces 15° arc per click.





PREMIUM PEAR HEAD RATCHETS
45-tooth gear produces 8° arc per click. Sealed ratchet head available with Quick Release button.



ELITE 90 PEAR HEAD RATCHETS
90-tooth gear produces 4° arc for optimum accessibility.



AVIATION RATCHETS
Vertical hole drilled through drive plug. Installs frangible collars onto threaded pins.



ROUND HEAD RATCHETS
72-tooth gear produces 5° arc for precision applications.

SCAFFOLDING RATCHETS
Single-piece socket and drive tool with tether hole.



STUBBY RATCHETS
Used for tight quarters and enclosed spaces.



ADDITIONAL FEATURES

LENGTH TYPES
LONG SHORT OR STANDARD

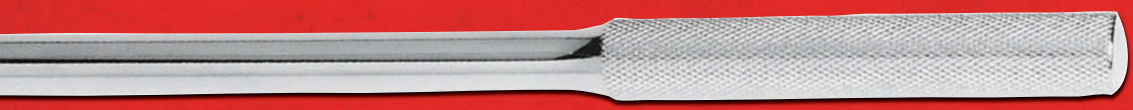
FINISH
FULL POLISH OR BLACK OXIDE



FEMALE DRIVE RATCHETS
Used on plug-end connectors like clamps, threading machines, and pipe-end caps.



FLEX-HEAD RATCHETS
Pivoting head to reach bolts at different angle.



LONG-HANDLED RATCHETS
Various lengths for extra leverage.



SPUD HANDLE RATCHETS
Lines up steel beams before the bolts are tightened.

PROTO®

SOCKETS

We offer a wide range of socket sizes with different point counts to meet an equally wide range of job site needs.The right tool for the right job is frequently a very specific tool.

PROFILES



6 POINT | 8 POINT | 12 POINT | SPLINE

FINISHES

Finishes protect the tool from dirt, wear, and light damage. Different finishes serve different goals and industry needs.

Polished Chrome finish is the industry standard. We upgrade ours to meet aerospace standards where applicable.



Black Oxide is used where the threat of any chrome peeling or chipping might be an issue.



Satin Chrome is used in larger sizes. The finish has more grip and better handling, especially with gloved hands.



LENGTHS



SUPER SHORT | STANDARD | INTERMEDIATE | DEEP

ADDITIONAL SOCKET TYPES



SPARK PLUG | UNIVERSAL

DRIVE SIZES: 1/4", 3/8", 1/2", 3/4" AND 1"

Manufactured to exceed ASME B107 specifications, Proto® sockets have a hardness rating of 47 to 51 HRC.



SCREWDRIVER BIT SOCKETS

Allows ratchets to sink and remove fasteners quicker than standard screwdrivers. Most sets will have a good range of the standard bits, along with a mix of specialty ones.



SLOTTED



PHILLIPS



TORX®

HEX BIT SOCKETS

Available in both metric and fractional sizes, Proto® Hex Bits also come in different lengths. The Ball End Hex Bit allows you to pivot as much as 15° in order to reach fasteners offset from the vertical.



SHORT



MEDIUM



LONG

CROWFOOT

Frequently used where obstructions are an issue, a Crowfoot wrench, with a locking extension, can reach around pipes, tubes and rods that block direct access to the fastener.



OPEN END



FLARE NUT

Torx® is a trademark of Acument Intellectual Properties, LLC

BLOW MOLD CASES



Features compact layouts and ultra-thin profile for critical space savings.



CASE OPEN. LID NESTED.

Quick-release, removable lid designed to nest under base without adding depth.



BACK VIEW



CASE CLOSED

ELITE 90 PEAR HEAD RATCHETS

- Innovative ratcheting system helps provide smooth engagementwith minimal back drag.
- Reinforced Flex Head to enhance reliability.
- Slim Profile Pear Head with 90 teeth (4° Arc Swing) designed for maximum access.
- Snap ring and cover plate design for improved serviceability and tosimplify maintenance.
- Aerospace grade chrome finish: AS4984B Compliant





Product #	Drive Size (in)	Length	Finish	Overall Length (in)	Weight (lbs)	Repair Kit Part #
J4749MAX	1/4	Standard	Full Polish	5	0.32	J4790RK
J4750MAX	1/4	Long	Full Polish	6.5	0.4	J4790RK
J4726MAXF	1/4	Long - Flex Head	Full Polish	9	0.55	J4790RK
J5249MAX	3/8	Standard	Full Polish	7	0.7	J5290RK
J5250MAX	3/8	Long	Full Polish	11	0.9	J5290RK
J5249MAXF	3/8	Standard - Flex Head	Full Polish	7	0.75	J5290RK
J5250MAXF	3/8	Long - Flex Head	Full Polish	13	1.2	J5290RK
J5449MAX	1/2	Standard	Full Polish	10	1.75	J5490RK
J5450MAX	1/2	Long	Full Polish	18	2.55	J5490RK
J5426MAX	1/2	Extra Long	Full Polish	26	3.3	J5490RK
J5450MAXF	1/2	Long - Flex Head	Full Polish	18	2.8	J5490RK

*SAE AS4283C ASME B107.110-2012

ELITE 90 PEAR HEAD RATCHET REPAIR KITS

Product #	Drive Size (in)	Ratchets
J4790RK	1/4	J4749MAX, J4750MAX, J4726MAXF
J5290RK	3/8	J5249MAX, J5250MAX, J5250MAXF, J5249MAXF
J5490RK	1/2	J5449MAX, J5450MAX, J5426MAX, J5450MAXF

6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX FULL POLISH SATIN BLACK OXIDE INSULATED

PREMIUM PEAR HEAD RATCHETS



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



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #
J4749XL*	1/4	Full Polish	Pear Head	5-5/8	0.25	J4749XLRK
J5249XL*	3/8	Full Polish	Pear Head	8-1/2	0.86	J5249XLRK
J5249XLQR*	3/8	Full Polish	Quick-Release	8-1/2	0.86	J5249XLQRRK
J5449XL	1/2	Full Polish	Pear Head	10-1/2	1.72	J5449XLRK
J5449XLBL	1/2	Black Oxide	Pear Head	10-1/2	1.72	J5449XLRK
J5449XLQR	1/2	Full Polish	Quick-Release	10-1/2	1.72	J5449XLQRRK
J5449XLQRBL	1/2	Black Oxide	Quick-Release	10-1/2	1.72	J5449XLQRRK

*SAE AS4283C ASME B107.110-2012

LONG HANDLE



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #
J5250XL*	3/8	Full Polish	Pear Head	11	1.03	J5249XLRK
J5450XL	1/2	Full Polish	Pear Head	15	2.18	J5449XLRK
J5450XLQR	1/2	Full Polish	Quick-Release	15	2.18	J5449XLQRRK
J5450XLBL	1/2	Black Oxide	Pear Head	15	2.18	J5449XLRK
J5450XLQRBL	1/2	Black Oxide	Quick-Release	15	2.18	J5449XLQRRK

*SAE AS4283C ASME B107.110-2012

AVIATION PREMIUM PEAR HEAD RATCHETS



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



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #
J5249XLHS	3/8	Full Polish	Aerospace	8-1/2	0.86	J5249XLHSRK

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AVIATION CLASSIC PEAR HEAD RATCHETS

15° 24T

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



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #
J4749HS	1/4	Full Polish	Aerospace	5	0.25	J4749RK
J5249HS	3/8	Full Polish	Aerospace	7	0.62	J5249HSRK

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CLASSIC PEAR HEAD RATCHETS

15° 24T

- Robust 24-tooth gear/floating pawl design provides 15° ratcheting angle while maximizing ultimate torque.
- Thin head design for access into tight work areas.
- Reversing lever designed for quick, one-hand operation.



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #
J4749	1/4	Full Polish	Pear Head	5	0.26	J4749RK
J4749BL	1/4	Black Oxide	Pear Head	5	0.24	J4749RK
J5249	3/8	Full Polish	Pear Head	7	0.61	J5249RK
J5249BL	3/8	Black Oxide	Pear Head	7	0.62	J5249RK
J5449	1/2	Full Polish	Pear Head	10	1.57	J5449RK
J5449BL	1/2	Black Oxide	Pear Head	10	1.74	J5449RK
J5649	3/4	Satin	Pear Head	20	6.00	J5649RK
J5649BL	3/4	Black Oxide	Pear Head	20	6.00	J5649RK

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LONG HANDLE



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #
J5250	3/8	Full Polish	Pear Head	11	0.89	J5249RK
J5250BL	3/8	Black Oxide	Pear Head	11	0.81	J5249RK
J5450	1/2	Full Polish	Pear Head	16	2.03	J5449RK
J5450BL	1/2	Black Oxide	Pear Head	16	2.03	J5449RK

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MALE/FEMALE



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #
J5849	1	Satin	Pear Head	26	13.02	J5849RK

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6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

CLASSIC PEAR HEAD RATCHETS (CONT'D)

STUBBY



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #
J5248S	3/8	Full Polish	Pear Head	5	0.28	J6064RK

FEMALE DRIVE



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #
J5249FW	3/8	Full Polish	Pear Head	7	0.56	J5249FWRK
J5450FW	1/2	Full Polish	Pear Head	16	1.82	J5450FWRK
J5649FW	3/4	Satin	Pear Head	20	5.62	J5649FWRK

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PEAR HEAD RATCHET REPAIR KITS

Product #	Drive Size (in)	Ratchet	Weight (lbs)
J4749XLRK	1/4	J4749XL	0.04
J4749RK	1/4	J4749	0.04
J4749HSRK	1/4	J4749HS	0.04
J4749XLQRRK	1/4	J4749XLQR	0.13
J5249XLRK	3/8	J5249XL	0.13
J5249FWRK	3/8	J5249FW	0.13
J5249HSRK	3/8	J5249HS	0.15
J5249XLHSRK	3/8	J5249XLHS	0.15
J5249XLQRRK	3/8	J5249XLQR	0.15
J5449RK	1/2	J5449	0.38
J5449UTRK	1/2	J5449UT	0.38
J5449XLRK	1/2	J5449XL	0.23
J5449-14RK	1/2	J5449-14BL	0.37
J5449XLQRRK	1/2	J5449XLQR	0.25
J5450FWRK	1/2	J5450FW	0.26
J5649FWRK	3/4	J5649FW	1.00
J5649RK	3/4	J5649	1.00



ROUND HEAD RATCHETS

- Round head ratchet mechanism allows for a compact head.
- 72-tooth = 5° swing arc.
- Small head design and tight swing arc allow for fastener access in tight areas.
- Full polish shaft with knurled grip for strong slip-resistant grip.



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #
J4752F	1/4	Full Polish	Round Head	4-1/2	0.26	J4752FRK
J4752FBL	1/4	Black Oxide	Round Head	4-1/2	0.24	J4752FRK
J5252F	3/8	Full Polish	Round Head	7-3/8	0.57	J5252FRK
J5252FBL	3/8	Black Oxide	Round Head	7-3/8	0.57	J5252FRK
J5452F	1/2	Full Polish	Round Head	9-3/8	1.12	J5452FRK
J5452FBL	1/2	Black Oxide	Round Head	9-3/8	1.12	J5452FRK

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LONG HANDLE



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #
J5454F	1/2	Full Polish	Round Head	15	1.65	J5452FRK

FLEX-HEAD

- 180° flex.



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)	Repair Kit Part #
J4757F	1/4	Full Polish	Flex Head	6-37/64	0.32	J4752FRK
J5257F	3/8	Full Polish	Flex Head	8-1/2	0.86	J5252FRK
J5457F	1/2	Full Polish	Flex Head	17-3/32	1.53	J5452FRK

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ROUND HEAD RATCHET REPAIR KITS

Product #	Drive Size (in)	Ratchet	Weight (lbs)
J4752FRK	1/4	J4752F, J4752FBL	0.10
J5252FRK	3/8	J5252F, J5252FBL, J5257F	0.60
J5452FRK	1/2	J5452F, J5452FBL, J5454F, J5457F	0.30



6 POINT · 8 POINT · 12 POINT · SPLINE · HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

SPUD HANDLE RATCHET

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



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)
J5449-14BL	1/2	Black Oxide	Pear Head	14	2.03

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SCAFFOLDING RATCHET

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



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)
J5449SC	1/2	Full Polish	Scaffolding	10	2.01

SPINNER RATCHET

- Made from alloy steel.
- Heat-treated for strength and durability.
- Fits on the drive end of the ratchet for quickly running down the fastener before final tightening with the ratchet.



Product #	Drive Size (in)	Finish	Overall Length (in)	Weight (lbs)
J5251	3/8	Full Polish	1-1/2	0.56

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1/4" DRIVE 11 PIECE DRIVE TOOLS & ACCESSORIES SET W/ ELITE 90 RATCHET- FULL POLISH

Product #: J47000S

Contents	Description
J4749MAX	Elite 90 Pear Head Ratchet 1/4" DR 5"
J4750MAX	Elite 90 Pear Head Ratchet 1/4" DR 6.6875"
J4726MAXF	Flex Head Elite 90 Pear Head Ratchet 1/4" R 9"
J4759	Extension 1/4" DR 2"
J4760	Extension 1/4" DR 3"
J4761	Extension 1/4" DR 6"
J4762	Extension 1/4" DR 10"
J4766	Hinge Handle 1/4" DR 5-3/4"
J4770A	Universal Joint 1/4" DR
J4785	Sliding T-Handle 1/4" DR 4-1/2"
J5256	DR Adapter 1/4" F x 3/8" M



3/8" DRIVE 16 PIECE DRIVE TOOLS & ACCESSORIES SET W/ ELITE 90 RATCHET - FULL POLISH

Product #: J52000S

Contents	Description
J5249MAX	Elite 90 Pear Head Ratchet 3/8" DR 7"
J5250MAX	Elite 90 Pear Head Ratchet 3/8" DR 11"
J5250MAXF	Flex Head Elite 90 Pear Head Ratchet 3/8" DR 13"
J5251	Spinner Ratchet 3/8" DR 1-1/2"
J5259	Extension 3/8" DR 1-3/4"
J5260	Extension 3/8" DR 3"
J5260-06	Extension 3/8" DR 6"
J5260-03L	Locking Extension 3/8" DR 3"
J5260-06L	Locking Extension 3/8" DR 6"
J5261L	Locking Extension 3/8" DR 8"
J5262L	Locking Extension 3/8" DR 12"
J5266	Hinge Handle 3/8" DR 12"
J5270A	Universal Joint 3/8" DR
J5285	Sliding T-Handle 3/8" DR 8"
J5253	DR Adapter 3/8" F x 1/2" M
J5255	DR Adapter 3/8" F x 1/4" M



6 POINT · 8 POINT · 12 POINT · SPLINE · HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/2" DRIVE 15 PIECE DRIVE TOOLS & ACCESSORIES SET W/ ELITE 90 RATCHET - FULL POLISH

Product #: J54000S

Contents	Description
J5449MAX	Elite 90 Pear Head Ratchet 1/2" DR 10"
J5450MAX	Elite 90 Pear Head Ratchet 1/2" DR 18"
J5450MAXF	Flex Head Elite 90 Pear Head Ratchet 1/2" DR 18"
J5460	Extension 1/2" DR - 2-1/2"
J5461	Extension 1/2" DR 5"
J5463	Extension 1/2" DR 10"
J5464	Extension 1/2" DR 20"
J5460-03L	Locking Extension 1/2" DR 3"
J5461L	Locking Extension 1/2" DR 5"
J5463L	Locking Extension 1/2" DR 10"
J5467	Hinge Handle 1/2" DR 15-3/4"
J5470A	Universal Joint 1/2" DR
J5485	Sliding T-Handle 1/2" DR
J5254	DR Adapter 1/2" F x 3/8" M
J5653	DR Adapter 1/2" F x 3/4" M



RATCHET ADAPTERS

- Converts standard handles to ratcheting handles.



Product #	Drive Size (in)	Finish	Overall Length (in)	Weight (lbs)
J5247	3/8	Full Polish	2-1/16	0.34
J5447	1/2	Full Polish	2-21/32	0.86
J5647	3/4	Full Polish	3-3/4	2.38

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SOCKET DRIVERS

- 1/4" square female drive in handle.



JD1402R

Product #	Drive Size (in)	Shank Type	Shank Width (in)	Shank Length (in)	Overall Length (in)	Weight (lbs)
JD1402R	1/4	Chrome/Steel	0.25	2.50	7	0.28

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6 POINT · 8 POINT · 12 POINT · SPLINE · HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

HINGE HANDLES

Product #	Drive Size (in)	Finish	Overall Length (in)	Weight (lbs)
J4766	1/4	Full Polish	5-3/4	0.22
J5265	3/8	Full Polish	8-1/2	0.58
J5265BL	3/8	Black Oxide	8-1/2	0.58
J5266	3/8	Full Polish	12	0.80
J5466*	1/2	Full Polish	10-7/8	1.14
J5467	1/2	Full Polish	15-3/4	1.52
J5468	1/2	Full Polish	18-5/8	1.69
J5468BL	1/2	Black Oxide	18-5/8	1.69
J5469	1/2	Full Polish	24	2.68
J5668	3/4	Full Polish	20	4.32
J5668BL	3/4	Black Oxide	20	4.41
J5868*	1	Full Polish	27	7.56

SAE AS4283C ASME B107.110-2012

*Meets and exceeds ASME B107.110-2012 only

- Head flexes 90° from horizontal.
- Made of heat-treated alloy steel.
- Chrome plated and black oxide finish options.



SPEED HANDLES

- Made from alloy steel.
- Heat-treated for strength and durability.

Product #	Drive Size (in)	Finish	Overall Length (in)	Weight (lbs)
J4780AG	1/4	Full Polish	15-1/2	0.52
J5280AG	3/8	Full Polish	17	0.86
J5480AG	1/2	Full Polish	18	1.55

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SLIDING T-HANDLES

- Made from alloy steel.
- Heat-treated for strength and durability.

Product #	Drive Size (in)	Finish	Overall Length (in)	Weight (lbs)
J4785	1/4	Full Polish	4-1/2	0.08
J5285	3/8	Full Polish	8	0.41
J5485	1/2	Full Polish	12-15/16	1.11
J5685	3/4	Full Polish	20	2.95
J5886	1	Full Polish	28-1/2	6.30

ASME B107.110-2012



3/8" DRIVE 4 PIECE EXTENSION SET

Product #: J52008



Contents	Drive Size (in)	Finish	Overall Length (in)
J5259	3/8	Full Polish	1-3/4
J5260	3/8	Full Polish	3
J5260-06	3/8	Full Polish	6
J5262	3/8	Full Polish	12

ASME B107.500

1/2" DRIVE 3 PIECE EXTENSION SET

Product #: J54111



Contents	Drive Size (in)	Finish	Overall Length (in)
J5460	1/2	Full Polish	2-1/2
J5461	1/2	Full Polish	5
J5463	1/2	Full Polish	10

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6 PIECE LOCKING EXTENSION SET

Product #: J6000-6L



Contents	Drive Size (in)	Finish	Overall Length (in)
J4759L	1/4	Full Polish	2
J4761L	1/4	Full Polish	6
J5260-06L	3/8	Full Polish	6
J5262L	3/8	Full Polish	12
J5461L	1/2	Full Polish	5
J5463L	1/2	Full Polish	10
J25TR46C	6 Pocket Tool Roll		

ASME B107.500

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STANDARD EXTENSIONS

Product #	Drive Size (in)	Finish	Overall Length (in)	Weight (lbs)
J4759	1/4	Full Polish	2	0.05
J4760*	1/4	Full Polish	3	0.08
J4760-04	1/4	Full Polish	4	0.10
J4761	1/4	Full Polish	6	0.15
J4762*	1/4	Full Polish	10	0.24
J4763	1/4	Full Polish	14-3/32	0.30
J5259	3/8	Full Polish	1-3/4	0.11
J5259B	3/8	Black Oxide	1-3/4	0.11
J5260	3/8	Full Polish	3	0.16
J5260B	3/8	Black Oxide	3	0.16
J5260-06	3/8	Full Polish	6	0.31
J5260-06B	3/8	Black Oxide	6	0.30
J5261	3/8	Full Polish	8	0.40
J5216B	3/8	Black Oxide	8	0.40
J5262	3/8	Full Polish	12	0.61
J5262B	3/8	Black Oxide	12	0.62
J5263	3/8	Full Polish	17-3/16	0.94
J5460	1/2	Full Polish	2-1/2	0.24
J5460B	1/2	Black Oxide	2-1/2	0.24
J5461	1/2	Full Polish	5	0.44
J5461B	1/2	Black Oxide	5	0.44
J5463	1/2	Full Polish	10	0.89
J5463B	1/2	Black Oxide	10	0.89
J5464	1/2	Full Polish	20	1.87
J5465	1/2	Full Polish	36	3.41
J5660	3/4	Full Polish	4	0.88
J5661	3/4	Full Polish	8	1.80
J5663	3/4	Full Polish	16	2.36
J5861*	1	Full Polish	8	2.88
J5863*	1	Full Polish	17	4.87

SAE AS4283C ASME B107.110-2012

*Meets and exceeds ASME B107.110-2012 only

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



LOCKING EXTENSIONS

Product #	Drive Size (in)	Finish	Overall Length (in)	Weight (lbs)
J4759L	1/4	Full Polish	2	0.07
J4761L	1/4	Full Polish	6	0.15
J4762L	1/4	Full Polish	10	0.25
J4763L	1/4	Full Polish	14-3/32	0.33
J5260-03L	3/8	Full Polish	3	0.21
J5260-06L	3/8	Full Polish	6	0.37
J5261L	3/8	Full Polish	8	0.49
J5262L	3/8	Full Polish	12	0.71
J5460-03L	1/2	Full Polish	3	0.40
J5461L	1/2	Full Polish	5	0.55
J5463L	1/2	Full Polish	10	1.04

ASME B107.110-2012

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



WOBBLE EXTENSIONS

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

Product #	Drive Size (in)	Finish	Overall Length (in)	Weight (lbs)
J4759W	1/4	Full Polish	2	0.06
J4760W	1/4	Full Polish	3	0.07
J4761W	1/4	Full Polish	6	0.14
J5259W	3/8	Full Polish	1-3/4	0.11
J5260W	3/8	Full Polish	3	0.17
J5260-06W	3/8	Full Polish	6	0.29
J5261W	3/8	Full Polish	8	0.42
J5262W	3/8	Full Polish	12	0.65
J5263W	3/8	Full Polish	17-3/16	0.92
J5460W	1/2	Full Polish	2-1/2	0.24
J5461W	1/2	Full Polish	5	0.44
J5463W	1/2	Full Polish	10	0.89
J5464W	1/2	Full Polish	20	1.90



FLEXIBLE EXTENSIONS

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

Product #	Drive Size (in)	Finish	Overall Length (in)	Weight (lbs)
J4765	1/4	Full Polish	6-1/4	0.11
J5268	3/8	Black Oxide	8	0.25

ASME B107.110-2012



6 PIECE ADAPTER SET

Product #: J52006

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

Contents	Description	ASME
J5255	Adapter, 3/8" F x 1/4" M	ASME B107.500
J5256	Adapter, 1/4" F x 3/8" M	ASME B107.500
J5253	Adapter, 3/8" F x 1/2" M	ASME B107.500
J7651	Adapter, Impact 1/2" F x 3/8" M	ASME B107-110.2012
J7652	Adapter, Impact 1/2" F x 3/4" M	ASME B107-110.2012
J7653	Adapter, Impact 3/4" F x 1/2" M	ASME B107-110.2012
J2584	Socket, Bar 6-1/2"	–
J2590	Socket, Clip 1/4" DR	–
J2592	Socket, Clip 1/2" DR	–

Weight (lbs): 1.33



6 POINT · 8 POINT · 12 POINT · SPL SPLINE · HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

DRIVE ADAPTERS

- Full polish tools meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance.



Product #	Input Drive (in)	Output Drive (in)	Finish	Overall Length (in)	Weight (lbs)
J5256	1/4	3/8	Full Polish	1	0.04
J5256B	1/4	3/8	Black Oxide	1	0.04
J5255	3/8	1/4	Full Polish	1	0.05
J5253	3/8	1/2	Full Polish	1-7/16	0.11
J5253B	3/8	1/2	Black Oxide	1-7/16	0.11
J5254	1/2	3/8	Full Polish	1-3/8	0.13
J5653	1/2	3/4	Full Polish	1-11/16	0.24
J5653B	1/2	3/4	Black Oxide	1-11/16	0.24
J5453	3/4	1/2	Full Polish	1-7/8	0.39
J5853	3/4	1	Full Polish	2-1/2	0.82
J5854	1	3/4	Full Polish	2-7/8	1.27

ASME B107.110-2012

LOCKING ADAPTERS

- Includes hex key for easy locking into drive tool.
- Knurl locking ring.



Product #	Drive Size (in)	Finish	Overall Length (in)	Weight (lbs)
J4759BLS	1/4	Black Oxide	1-11/16	0.06
J5260-02BLS	3/8	Black Oxide	2-1/8	0.12
J5460-02BLS	1/2	Black Oxide	3	0.36

UNIVERSAL JOINTS

- Full polish tools meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance.



Product #	Drive Size (in)	Finish	Overall Length (in)	Weight (lbs)
J4770A	1/4	Full Polish	1-11/32	0.04
J4770AB	1/4	Black Oxide	1-11/32	0.04
J5270A*	3/8	Full Polish	2	0.13
J5270AB*	3/8	Black Oxide	2	0.13
J5470A	1/2	Full Polish	2-3/4	0.30
J5470AB	1/2	Black Oxide	2-3/4	0.30
J5670*	3/4	Full Polish	4	1.03

*AS4283C ASME B107.110-2012

1/4", 3/8" & 1/2" DRIVE 302 PIECE SOCKET SET - 6 & 12 POINT

Product #: J47303-1B
Tools Only: J47303



Contents	Description
J4705	Socket, 1/4" DR 5/32" 6 PT
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J5212H	Socket, 3/8" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J5222H	Socket, 3/8" DR 11/16" 6 PT
J5224H	Socket, 3/8" DR 3/4" 6 PT
J5226H	Socket, 3/8" DR 13/16" 6 PT
J5228H	Socket, 3/8" DR 7/8" 6 PT
J5230H	Socket, 3/8" DR 15/16" 6 PT
J5416H	Socket, 1/2" DR 1/2" 6 PT
J5418H	Socket, 1/2" DR 9/16" 6 PT
J5420H	Socket, 1/2" DR 5/8" 6 PT

Contents	Description
J5422H	Socket, 1/2" DR 11/16" 6 PT
J5424H	Socket, 1/2" DR 3/4" 6 PT
J5426H	Socket, 1/2" DR 13/16" 6 PT
J5428H	Socket, 1/2" DR 7/8" 6 PT
J5430H	Socket, 1/2" DR 15/16" 6 PT
J5432H	Socket, 1/2" DR 1" 6 PT
J4706L	Socket, Deep 1/4" DR 3/16" 6 PT
J4707L	Socket, Deep 1/4" DR 7/32" 6 PT
J4708L	Socket, Deep 1/4" DR 1/4" 6 PT
J4709L	Socket, Deep 1/4" DR 9/32" 6 PT
J4710L	Socket, Deep 1/4" DR 5/16" 6 PT
J4711L	Socket, Deep 1/4" DR 11/32" 6 PT
J4712L	Socket, Deep 1/4" DR 3/8" 6 PT
J4714L	Socket, Deep 1/4" DR 1/2" 6 PT
J4716L	Socket, Deep 1/4" DR 7/16" 6 PT
J5012H	Socket, Deep 3/8" DR 3/8" 6 PT
J5014H	Socket, Deep 3/8" DR 7/16" 6 PT
J5016H	Socket, Deep 3/8" DR 1/2" 6 PT
J5018H	Socket, Deep 3/8" DR 9/16" 6 PT
J5020H	Socket, Deep 3/8" DR 5/8" 6 PT
J5022H	Socket, Deep 3/8" DR 11/16" 6 PT
J5024H	Socket, Deep 3/8" DR 3/4" 6 PT
J5026H	Socket, Deep 3/8" DR 13/16" 6 PT

Contents	Description
J5028H	Socket, Deep 3/8" DR 7/8" 6 PT
J4706T	Socket, 1/4" DR 3/16" 12 PT
J4707T	Socket, 1/4" DR 7/32" 12 PT
J4708T	Socket, 1/4" DR 1/4" 12 PT
J4709T	Socket, 1/4" DR 9/32" 12 PT
J4710T	Socket, 1/4" DR 5/16" 12 PT
J4711T	Socket, 1/4" DR 11/32" 12 PT
J4712T	Socket, 1/4" DR 3/8" 12 PT
J4714T	Socket, 1/4" DR 7/16" 12 PT
J4716T	Socket, 1/4" DR 1/2" 12 PT
J5210	Socket, 3/8" DR 5/16" 12 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J5226	Socket, 3/8" DR 13/16" 12 PT
J5228	Socket, 3/8" DR 7/8" 12 PT
J5414	Socket, 1/2" DR 7/16" 12 PT
J5416	Socket, 1/2" DR 1/2" 12 PT
J5418	Socket, 1/2" DR 9/16" 12 PT
J5420	Socket, 1/2" DR 5/8" 12 PT
J5422	Socket, 1/2" DR 11/16" 12 PT
J5424	Socket, 1/2" DR 3/4" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J5428	Socket, 1/2" DR 7/8" 12 PT
J5430	Socket, 1/2" DR 15/16" 12 PT
J5432	Socket, 1/2" DR 1" 12 PT
J5434	Socket, 1/2" DR 1-1/16" 12 PT
J5436	Socket, 1/2" DR 1-1/8" 12 PT
J5440	Socket, 1/2" DR 1-1/4" 12 PT
J5012	Socket, Deep 3/8" DR 3/8" 12 PT
J5014	Socket, Deep 3/8" DR 7/16" 12 PT
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J5020	Socket, Deep 3/8" DR 5/8" 12 PT
J5022	Socket, Deep 3/8" DR 11/16" 12 PT
J5024	Socket, Deep 3/8" DR 3/4" 12 PT
J5026	Socket, Deep 3/8" DR 13/16" 12 PT
J5316	Socket, Deep 1/2" DR 1/2" 12 PT
J5318	Socket, Deep 1/2" DR 9/16" 12 PT
J5320	Socket, Deep 1/2" DR 5/8" 12 PT
J5322	Socket, Deep 1/2" DR 11/16" 12 PT
J5324	Socket, Deep 1/2" DR 3/4" 12 PT
J5326	Socket, Deep 1/2" DR 13/16" 12 PT
J5328	Socket, Deep 1/2" DR 7/8" 12 PT
J5330	Socket, Deep 1/2" DR 15/16" 12 PT
J5332	Socket, Deep 1/2" DR 1" 12 PT
J5334	Socket, Deep 1/2" DR 1-1/16" 12 PT
J5336	Socket, Deep 1/2" DR 1-1/8" 12 PT
J5340	Socket, Deep 1/2" DR 1-1/4" 12 PT

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6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

Contents	Description
J5020-70A	Socket, Universal Spark Plug 3/8" DR 5/8" 6 PT
J5026-50A	Socket, Universal Spark Plug 3/8" DR 13/16" 6 PT
J49901/4	Socket, Hex Bit 3/8" DR 1/4"
J49901/8	Socket, Hex Bit 3/8" DR 1/8"
J49903/16	Socket, Hex Bit 3/8" DR 3/16"
J49903/8	Socket, Hex Bit 3/8" DR 3/8"
J49905/16	Socket, Hex Bit 3/8" DR 5/16"
J49905/32	Socket, Hex Bit 3/8" DR 5/32"
J49907/32	Socket, Hex Bit 3/8" DR 7/32"
J4704M	Socket, 1/4" DR 4 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT
J4711M	Socket, 1/4" DR 11 mm 6 PT
J4712M	Socket, 1/4" DR 12 mm 6 PT
J5207MH	Socket, 3/8" DR 7 mm 6 PT
J5208MH	Socket, 3/8" DR 8 mm 6 PT
J5209MH	Socket, 3/8" DR 9 mm 6 PT
J5210MH	Socket, 3/8" DR 10 mm 6 PT
J5211MH	Socket, 3/8" DR 11 mm 6 PT
J5212MH	Socket, 3/8" DR 12 mm 6 PT
J5213MH	Socket, 3/8" DR 13 mm 6 PT
J5214MH	Socket, 3/8" DR 14 mm 6 PT
J5215MH	Socket, 3/8" DR 15 mm 6 PT
J5216MH	Socket, 3/8" DR 16 mm 6 PT
J5217MH	Socket, 3/8" DR 17 mm 6 PT
J5218MH	Socket, 3/8" DR 18 mm 6 PT
J5219MH	Socket, 3/8" DR 19 mm 6 PT
J4704LM	Socket, Deep 1/4" DR 4 mm 6 PT
J4705LM	Socket, Deep 1/4" DR 5 mm 6 PT
J4706LM	Socket, Deep 1/4" DR 6 mm 6 PT
J4707LM	Socket, Deep 1/4" DR 7 mm 6 PT
J4708LM	Socket, Deep 1/4" DR 8 mm 6 PT
J4709LM	Socket, Deep 1/4" DR 9 mm 6 PT
J4710LM	Socket, Deep 1/4" DR 10 mm 6 PT
J4711LM	Socket, Deep 1/4" DR 11 mm 6 PT
J4712LM	Socket, Deep 1/4" DR 12 mm 6 PT
J4713LM	Socket, Deep 1/4" DR 13 mm 6 PT
J5010MH	Socket, Deep 3/8" DR 10 mm 6 PT
J5011MH	Socket, Deep 3/8" DR 11 mm 6 PT
J5209M	Socket, 3/8" DR 9 mm 12 PT
J5210M	Socket, 3/8" DR 10 mm 12 PT
J5211M	Socket, 3/8" DR 11 mm 12 PT
J5212M	Socket, 3/8" DR 12 mm 12 PT
J5213M	Socket, 3/8" DR 13 mm 12 PT
J5214M	Socket, 3/8" DR 14 mm 12 PT
J5215M	Socket, 3/8" DR 15 mm 12 PT
J5216M	Socket, 3/8" DR 16 mm 12 PT
J5217M	Socket, 3/8" DR 17 mm 12 PT
J5218M	Socket, 3/8" DR 18 mm 12 PT

Contents	Description
J5219M	Socket, 3/8" DR 19 mm 12 PT
J5410M	Socket, 1/2" DR 10 mm 12 PT
J5411M	Socket, 1/2" DR 11 mm 12 PT
J5412M	Socket, 1/2" DR 12 mm 12 PT
J5413M	Socket, 1/2" DR 13 mm 12 PT
J5414M	Socket, 1/2" DR 14 mm 12 PT
J5415M	Socket, 1/2" DR 15 mm 12 PT
J5418M	Socket, 1/2" DR 18 mm 12 PT
J5419M	Socket, 1/2" DR 19 mm 12 PT
J5421M	Socket, 1/2" DR 21 mm 12 PT
J5422M	Socket, 1/2" DR 22 mm 12 PT
J5423M	Socket, 1/2" DR 23 mm 12 PT
J5424M	Socket, 1/2" DR 24 mm 12 PT
J5009M	Socket, Deep 3/8" DR 9 mm 12 PT
J5010M	Socket, Deep 3/8" DR 10 mm 12 PT
J5011M	Socket, Deep 3/8" DR 11 mm 12 PT
J5012M	Socket, Deep 3/8" DR 12 mm 12 PT
J5013M	Socket, Deep 3/8" DR 13 mm 12 PT
J5014M	Socket, Deep 3/8" DR 14 mm 12 PT
J5015M	Socket, Deep 3/8" DR 15 mm 12 PT
J5016M	Socket, Deep 3/8" DR 16 mm 12 PT
J4990-4M	Socket, Hex Bit 3/8" 4 mm
J4990-5M	Socket, Hex Bit 3/8" 5 mm
J4990-6M	Socket, Hex Bit 3/8" 6 mm
J4990-7M	Socket, Hex Bit 3/8" 7 mm
J4990-8M	Socket, Hex Bit 3/8" 8 mm
J4990-10M	Socket, Hex Bit 3/8" 10 mm
J5239-40W	Socket, Bit Torx® 3/8" DR T40
J5239-55W	Socket, Bit Torx® 3/8" DR T55
J5256	Adapter, 1/4" F x 3/8" M
J4760	Extension, 1/4" DR 3"
J4761	Extension, 1/4" DR 6"
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5460	Extension, 1/2" DR 2-1/2"
J5461	Extension, 1/2" DR 5"
J4749	Ratchet, Classic Pear Head 1/4" DR 5"
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J9322	Bit Set, Screwdriver, Ratcheting Magnetic 11 PC
J4981	Hex Key, Set 11 PC
J4983	Hex Key, Long Set 13 PC
J4988M	Hex Key, Metric Set 15 PC
J4985	Hex Key, Metric Set 7 PC
J46103	Hex Key, Standard 0.050"
J46104	Hex Key, Standard 1/16"
J46105	Hex Key, Standard 5/64"
J46106	Hex Key, Standard 3/32"
J46107	Hex Key, Standard 7/64"
J46109	Hex Key, Standard 9/64"
J46207	Hex Key, Long 7/64"
J46208	Hex Key, Long 1/8"
J46209	Hex Hey, Long 9/64"

Contents	Description
J46210	Hex Key, Long 5/32"
J46212	Hex Key, Long 3/16"
J46214	Hex Key, Long 7/32"
J46216	Hex Key, Long 1/4"
J46220	Hex Key, Long 5/16"
J46306	Hex Key, Standard 1.5 mm
J46308	Hex Key, Standard 2 mm
J46310	Hex Key, Standard 2.5 mm
J46312	Hex Key, Standard 3 mm
J46314	Hex Key, Standard 4 mm
J3764	Wrench, Flare Nut Satin 3/8" x 7/16" 6 PT
J3768	Wrench, Flare Nut Satin 1/2" x 9/16" 6 PT
J3772	Wrench, Flare Nut Satin 5/8" x 11/16" 6 PT
J1208A	Wrench, Combo Satin 1/4" 12 PT
J1210A	Wrench, Combo Satin 5/16" 12 PT
J1212ASD	Wrench, Combo Satin 3/8" 12 PT
J1214ASD	Wrench, Combo Satin 7/16" 12 PT
J1216ASD	Wrench, Combo Satin 1/2" 12 PT
J1218ASD	Wrench, Combo Satin 9/16" 12 PT
J1220ASD	Wrench, Combo Satin 5/8" 12 PT
J1222ASD	Wrench, Combo Satin 11/16" 12 PT
J1224ASD	Wrench, Combo Satin 3/4" 12 PT
J1226ASD	Wrench, Combo Satin 13/16" 12 PT
J1228ASD	Wrench, Combo Satin 7/8" 12 PT
J1230ASD	Wrench, Combo Satin 15/16" 12 PT
J1232ASD	Wrench, Combo Satin 1" 12 PT
J3018	Wrench, Open-End Satin 1/4" x 5/16"
J3021	Wrench, Open-End Satin 3/8" x 7/16"
J3026	Wrench, Open-End Satin 1/2" x 9/16"
J3030	Wrench, Open-End Satin 9/16" x 5/8"
J3031	Wrench, Open-End Satin 5/8" x 3/4"
J3045	Wrench, Open-End Satin 15/16" x 1"
J1207MA	Wrench, Combo Satin 7 mm 12 PT
J1208MA	Wrench, Combo Satin 8 mm 12 PT
J1209MA	Wrench, Combo Satin 9 mm 12 PT
J1210MASD	Wrench, Combo Satin 10 mm 12 PT
J1211MASD	Wrench, Combo Satin 11 mm 12 PT
J1212MASD	Wrench, Combo Satin 12 mm 12 PT
J1213MASD	Wrench, Combo Satin 13 mm 12 PT
J1214MASD	Wrench, Combo Satin 14 mm 12 PT
J1215MASD	Wrench, Combo Satin 15 mm 12 PT
J1216MASD	Wrench, Combo Satin 16 mm 12 PT
J1217MASD	Wrench, Combo Satin 17 mm 12 PT
J1218MASD	Wrench, Combo Satin 18 mm 12 PT
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR
J2592	Socket Clip, 1/2" DR
J2585	Socket Bar, 9"
J2586	Socket Bar, 13"
JSTV2720C-S05RD	Chest, Top 27" 5 Drawer

Weight (lbs): 50.81

1/4", 3/8" & 1/2" DRIVE 205 PIECE SOCKET SET - 6, 8, & 12 POINT

Product #: J47216-1
Tools Only: J47216

6 8 12

INCH MM



Contents	Description
J4705	Socket, 1/4" DR 5/32" 6 PT
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J5210H	Socket, 3/8" DR 5/16" 6 PT
J5212H	Socket, 3/8" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J5222H	Socket, 3/8" DR 11/16" 6 PT
J5224H	Socket, 3/8" DR 3/4" 6 PT

Contents	Description
J5226H	Socket, 3/8" DR 13/16" 6 PT
J5228H	Socket, 3/8" DR 7/8" 6 PT
J5230H	Socket, 3/8" DR 15/16" 6 PT
J5232H	Socket, 3/8" DR 1" 6 PT
J5412H	Socket, 1/2" DR 3/8" 6 PT
J5414H	Socket, 1/2" DR 7/16" 6 PT
J5416H	Socket, 1/2" DR 1/2" 6 PT
J5418H	Socket, 1/2" DR 9/16" 6 PT
J5420H	Socket, 1/2" DR 5/8" 6 PT
J5422H	Socket, 1/2" DR 11/16" 6 PT
J5424H	Socket, 1/2" DR 3/4" 6 PT
J5426H	Socket, 1/2" DR 13/16" 6 PT
J5428H	Socket, 1/2" DR 7/8" 6 PT
J5430H	Socket, 1/2" DR 15/16" 6 PT
J5432H	Socket, 1/2" DR 1" 6 PT
J5434H	Socket, 1/2" DR 1-1/16" 6 PT
J5436H	Socket, 1/2" DR 1-1/8" 6 PT
J5440H	Socket, 1/2" DR 1-1/4" 6 PT

Contents	Description
J5448H	Socket, 1/2" DR 1-1/2" 6 PT
J4706L	Socket, Deep 1/4" DR 3/16" 6 PT
J4707L	Socket, Deep 1/4" DR 7/32" 6 PT
J4708L	Socket, Deep 1/4" DR 1/4" 6 PT
J4709L	Socket, Deep 1/4" DR 9/32" 6 PT
J4710L	Socket, Deep 1/4" DR 5/16" 6 PT
J4711L	Socket, Deep 1/4" DR 11/32" 6 PT
J4712L	Socket, Deep 1/4" DR 3/8" 6 PT
J4714L	Socket, Deep 1/4" DR 1/2" 6 PT
J4716L	Socket, Deep 1/4" DR 7/16" 6 PT
J5012H	Socket, Deep 3/8" DR 3/8" 6 PT
J5014H	Socket, Deep 3/8" DR 7/16" 6 PT
J5016H	Socket, Deep 3/8" DR 1/2" 6 PT
J5018H	Socket, Deep 3/8" DR 9/16" 6 PT
J5020H	Socket, Deep 3/8" DR 5/8" 6 PT
J5022H	Socket, Deep 3/8" DR 11/16" 6 PT
J5024H	Socket, Deep 3/8" DR 3/4" 6 PT
J5026H	Socket, Deep 3/8" DR 13/16" 6 PT

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

Contents	Description
J5028H	Socket, Deep 3/8" DR 7/8" 6 PT
J5318H	Socket, Deep 1/2" DR 9/16" 6 PT
J5324H	Socket, Deep 1/2" DR 3/4" 6 PT
J5330H	Socket, Deep 1/2" DR 5/16" 6 PT
J5334H	Socket, Deep 1/2" DR 1-1/16" 6 PT
J7208S	Socket, Impact 3/8" DR 1/4" 8 PT
J7210S	Socket, Impact 3/8" DR 5/16" 8 PT
J7212S	Socket, Impact 3/8" DR 3/8" 8 PT
J7214S	Socket, Impact 3/8" DR 7/16" 8 PT
J7216S	Socket, Impact 3/8" DR 1/2" 8 PT
J4706T	Socket, 1/4" DR 3/16" 12 PT
J4707T	Socket, 1/4" DR 7/32" 12 PT
J4708T	Socket, 1/4" DR 1/4" 12 PT
J4709T	Socket, 1/4" DR 9/32" 12 PT
J4710T	Socket, 1/4" DR 5/16" 12 PT
J4711T	Socket, 1/4" DR 11/32" 12 PT
J4712T	Socket, 1/4" DR 3/8" 12 PT
J4714T	Socket, 1/4" DR 7/16" 12 PT
J4716T	Socket, 1/4" DR 1/2" 12 PT
J5210	Socket, 3/8" DR 5/16" 12 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J5226	Socket, 3/8" DR 13/16" 12 PT
J5228	Socket, 3/8" DR 7/8" 12 PT
J5230	Socket, 3/8" DR 15/16" 12 PT
J5414	Socket, 1/2" DR 7/16" 12 PT
J5416	Socket, 1/2" DR 1/2" 12 PT
J5418	Socket, 1/2" DR 9/16" 12 PT
J5420	Socket, 1/2" DR 5/8" 12 PT
J5422	Socket, 1/2" DR 11/16" 12 PT
J5424	Socket, 1/2" DR 3/4" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J5428	Socket, 1/2" DR 7/8" 12 PT
J5430	Socket, 1/2" DR 15/16" 12 PT
J5432	Socket, 1/2" DR 1" 12 PT
J5434	Socket, 1/2" DR 1-1/16" 12 PT
J5436	Socket, 1/2" DR 1-1/8" 12 PT
J5440	Socket, 1/2" DR 1-1/4" 12 PT
J5012	Socket, Deep 3/8" DR 3/8" 12 PT
J5014	Socket, Deep 3/8" DR 7/16" 12 PT
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J5020	Socket, Deep 3/8" DR 5/8" 12 PT
J5022	Socket, Deep 3/8" DR 11/16" 12 PT
J5024	Socket, Deep 3/8" DR 3/4" 12 PT
J5026	Socket, Deep 3/8" DR 13/16" 12 PT
J5028	Socket, Deep 3/8" DR 7/8" 12 PT
J5316	Socket, Deep 1/2" DR 1/2" 12 PT
J5318	Socket, Deep 1/2" DR 9/16" 12 PT

Contents	Description
J5320	Socket, Deep 1/2" DR 5/8" 12 PT
J5322	Socket, Deep 1/2" DR 11/16" 12 PT
J5324	Socket, Deep 1/2" DR 3/4" 12 PT
J5326	Socket, Deep 1/2" DR 13/16" 12 PT
J5328	Socket, Deep 1/2" DR 7/8" 12 PT
J5330	Socket, Deep 1/2" DR 15/16" 12 PT
J5332	Socket, Deep 1/2" DR 1" 12 PT
J5334	Socket, Deep 1/2" DR 1-1/16" 12 PT
J5336	Socket, Deep 1/2" DR 1-1/8" 12 PT
J4704M	Socket, 1/4" DR 4 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT
J4711M	Socket, 1/4" DR 11 mm 6 PT
J4712M	Socket, 1/4" DR 12 mm 6 PT
J4713M	Socket, 1/4" DR 13 mm 6 PT
J5207MH	Socket, 3/8" DR 7 mm 6 PT
J5208MH	Socket, 3/8" DR 8 mm 6 PT
J5209MH	Socket, 3/8" DR 9 mm 6 PT
J5210MH	Socket, 3/8" DR 10 mm 6 PT
J5211MH	Socket, 3/8" DR 11 mm 6 PT
J5212MH	Socket, 3/8" DR 12 mm 6 PT
J5213MH	Socket, 3/8" DR 13 mm 6 PT
J5214MH	Socket, 3/8" DR 14 mm 6 PT
J5215MH	Socket, 3/8" DR 15 mm 6 PT
J5216MH	Socket, 3/8" DR 16 mm 6 PT
J5217MH	Socket, 3/8" DR 17 mm 6 PT
J5218MH	Socket, 3/8" DR 18 mm 6 PT
J5219MH	Socket, 3/8" DR 19 mm 6 PT
J5220MH	Socket, 3/8" DR 20 mm 6 PT
J4704LM	Socket, Deep 1/4" DR 4 mm 6 PT
J4705LM	Socket, Deep 1/4" DR 5 mm 6 PT
J4706LM	Socket, Deep 1/4" DR 6 mm 6 PT
J4707LM	Socket, Deep 1/4" DR 7 mm 6 PT
J4708LM	Socket, Deep 1/4" DR 8 mm 6 PT
J4709LM	Socket, Deep 1/4" DR 9 mm 6 PT
J4710LM	Socket, Deep 1/4" DR 10 mm 6 PT
J4711LM	Socket, Deep 1/4" DR 11 mm 6 PT
J4712LM	Socket, Deep 1/4" DR 12 mm 6 PT
J4713LM	Socket, Deep 1/4" DR 13 mm 6 PT
J5010MH	Socket, Deep 3/8" DR 10 mm 6 PT
J5011MH	Socket, Deep 3/8" DR 11 mm 6 PT
J5012MH	Socket, Deep 3/8" DR 12 mm 6 PT
J5013MH	Socket, Deep 3/8" DR 13 mm 6 PT
J5014MH	Socket, Deep 3/8" DR 14 mm 6 PT
J5015MH	Socket, Deep 3/8" DR 15 mm 6 PT
J5016MH	Socket, Deep 3/8" DR 16 mm 6 PT
J5017MH	Socket, Deep 3/8" DR 17 mm 6 PT
J5018MH	Socket, Deep 3/8" DR 18 mm 6 PT
J5019MH	Socket, Deep 3/8" DR 19 mm 6 PT
J4704TM	Socket, 1/4" DR 4 mm 12 PT

Contents	Description
J5208M	Socket, 3/8" DR 8 mm 12 PT
J5209M	Socket, 3/8" DR 9 mm 12 PT
J5210M	Socket, 3/8" DR 10 mm 12 PT
J5211M	Socket, 3/8" DR 11 mm 12 PT
J5212M	Socket, 3/8" DR 12 mm 12 PT
J5213M	Socket, 3/8" DR 13 mm 12 PT
J5214M	Socket, 3/8" DR 14 mm 12 PT
J5215M	Socket, 3/8" DR 15 mm 12 PT
J5216M	Socket, 3/8" DR 16 mm 12 PT
J5217M	Socket, 3/8" DR 17 mm 12 PT
J5218M	Socket, 3/8" DR 18 mm 12 PT
J5219M	Socket, 3/8" DR 19 mm 12 PT
J5410M	Socket, 1/2" DR 10 mm 12 PT
J5411M	Socket, 1/2" DR 11 mm 12 PT
J5412M	Socket, 1/2" DR 12 mm 12 PT
J5413M	Socket, 1/2" DR 13 mm 12 PT
J5414M	Socket, 1/2" DR 14 mm 12 PT
J5415M	Socket, 1/2" DR 15 mm 12 PT
J5417M	Socket, 1/2" DR 17 mm 12 PT
J5418M	Socket, 1/2" DR 18 mm 12 PT
J5419M	Socket, 1/2" DR 19 mm 12 PT
J5421M	Socket, 1/2" DR 21 mm 12 PT
J5422M	Socket, 1/2" DR 22 mm 12 PT
J5423M	Socket, 1/2" DR 23 mm 12 PT
J5424M	Socket, 1/2" DR 24 mm 12 PT
J5425M	Socket, 1/2" DR 25 mm 12 PT
J5426M	Socket, 1/2" DR 26 mm 12 PT
J5427M	Socket, 1/2" DR 27 mm 12 PT
J5428M	Socket, 1/2" DR 28 mm 12 PT
J5430M	Socket, 1/2" DR 30 mm 12 PT
J5432M	Socket, 1/2" DR 32 mm 12 PT
J5008M	Socket, Deep 3/8" DR 8 mm 12 PT
J5009M	Socket, Deep 3/8" DR 9 mm 12 PT
J5010M	Socket, Deep 3/8" DR 10 mm 12 PT
J5011M	Socket, Deep 3/8" DR 11 mm 12 PT
J5012M	Socket, Deep 3/8" DR 12 mm 12 PT
J5013M	Socket, Deep 3/8" DR 13 mm 12 PT
J5014M	Socket, Deep 3/8" DR 14 mm 12 PT
J5015M	Socket, Deep 3/8" DR 15 mm 12 PT
J5016M	Socket, Deep 3/8" DR 16 mm 12 PT
J5017M	Socket, Deep 3/8" DR 17 mm 12 PT
J5018M	Socket, Deep 3/8" DR 18 mm 12 PT
J5019M	Socket, Deep 3/8" DR 19 mm 12 PT
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR
J2592	Socket Clip, 1/2" DR
J2587	Socket Bar, 17"
J9993	Tool Box, General Purpose 3 Drawer

Weight (lbs): 90.0

1/4", 3/8" & 1/2" DRIVE 184 PIECE SOCKET SET - 6 & 12 POINT

Product #: J47184-1A
Tools Only: J47184

6 12

INCH MM



Contents	Description
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J4718	Socket, 1/4" DR 9/16" 6 PT
J5210H	Socket, 3/8" DR 5/16" 6 PT
J5212H	Socket, 3/8" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT

Contents	Description
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J5222H	Socket, 3/8" DR 11/16" 6 PT
J5224H	Socket, 3/8" DR 3/4" 6 PT
J5226H	Socket, 3/8" DR 13/16" 6 PT
J5228H	Socket, 3/8" DR 7/8" 6 PT
J4708L	Socket, Deep 1/4" DR 1/4" 6 PT
J4709L	Socket, Deep 1/4" DR 9/32" 6 PT
J4710L	Socket, Deep 1/4" DR 5/16" 6 PT
J4711L	Socket, Deep 1/4" DR 11/32" 6 PT
J4712L	Socket, Deep 1/4" DR 3/8" 6 PT

Contents	Description
J4714L	Socket, Deep 1/4" DR 1/2" 6 PT
J5210	Socket, 3/8" DR 5/16" 12 PT
J5211	Socket, 3/8" DR 11/32" 12 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5217	Socket, 3/8" DR 17/32" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5219	Socket, 3/8" DR 19/32" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT

Torx® is a trademark of Acument Intellectual Properties, LLC

6 6 POINT | 8 8 POINT | 12 12 POINT | SPL SPLINE | HEX HEX | FULL POLISH | SATIN | BLACK OXIDE | INSULATED

Contents	Description
J5228	Socket, 3/8" DR 7/8" 12 PT
J5424	Socket, 1/2" DR 3/4" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J5428	Socket, 1/2" DR 7/8" 12 PT
J5430	Socket, 1/2" DR 15/16" 12 PT
J5432	Socket, 1/2" DR 1" 12 PT
J4706LT	Socket, Deep 1/4" DR 3/16" 12 PT
J4707LT	Socket, Deep 1/4" DR 7/32 12 PT
J4708LT	Socket, Deep 1/4" DR 1/4" 12 PT
J4709LT	Socket, Deep 1/4" DR 9/32" 12 PT
J4710LT	Socket, Deep 1/4" DR 5/16" 12 PT
J4711LT	Socket, Deep 1/4" DR 11/32" 12 PT
J4712LT	Socket, Deep 1/4" DR 3/8" 12 PT
J4714LT	Socket, Deep 1/4" DR 7/16" 12 PT
J4716LT	Socket, Deep 1/4" DR 1/2" 12 PT
J5012	Socket, Deep 3/8" DR 3/8" 12 PT
J5014	Socket, Deep 3/8" DR 7/16" 12 PT
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J5020	Socket, Deep 3/8" DR 5/8" 12 PT
J4704M	Socket, 1/4" DR 4 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J47055M	Socket, 1/4" DR 5.5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT
J4711M	Socket, 1/4" DR 11 mm 6 PT
J4712M	Socket, 1/4" DR 12 mm 6 PT
J4713M	Socket, 1/4" DR 13 mm 6 PT
J5209MH	Socket, 3/8" DR 9 mm 6 PT
J5211MH	Socket, 3/8" DR 11 mm 6 PT
J5212MH	Socket, 3/8" DR 12 mm 6 PT
J5213MH	Socket, 3/8" DR 13 mm 6 PT
J5214MH	Socket, 3/8" DR 14 mm 6 PT
J5215MH	Socket, 3/8" DR 15 mm 6 PT
J5216MH	Socket, 3/8" DR 16 mm 6 PT
J5217MH	Socket, 3/8" DR 17 mm 6 PT
J4705LM	Socket, Deep 1/4" DR 5 mm 6 PT
J4706LM	Socket, Deep 1/4" DR 6 mm 6 PT
J4707LM	Socket, Deep 1/4" DR 7 mm 6 PT
J4708LM	Socket, Deep 1/4" DR 8 mm 6 PT
J4709LM	Socket, Deep 1/4" DR 9 mm 6 PT
J4710LM	Socket, Deep 1/4" DR 10 mm 6 PT
J4711LM	Socket, Deep 1/4" DR 11 mm 6 PT
J5010MH	Socket, Deep 3/8" DR 10 mm 6 PT
J5011MH	Socket, Deep 3/8" DR 11 mm 6 PT
J5012MH	Socket, Deep 3/8" DR 12 mm 6 PT
J5013MH	Socket, Deep 3/8" DR 13 mm 6 PT
J5014MH	Socket, Deep 3/8" DR 14 mm 6 PT
J47045TM	Socket, 1/4" DR 4.5 mm 12 PT
J4705TM	Socket, 1/4" DR 5 mm 12 PT
J4706TM	Socket, 1/4" DR 6 mm 12 PT

Contents	Description
J4707TM	Socket, 1/4" DR 7 mm 12 PT
J4708TM	Socket, 1/4" DR 8 mm 12 PT
J4709TM	Socket, 1/4" DR 9 mm 12 PT
J4710TM	Socket, 1/4" DR 10 mm 12 PT
J4711TM	Socket, 1/4" DR 11 mm 12 PT
J4712TM	Socket, 1/4" DR 12 mm 12 PT
J4713TM	Socket, 1/4" DR 13 mm 12 PT
J5209M	Socket, 3/8" DR 9 mm 12 PT
J5210M	Socket, 3/8" DR 10 mm 12 PT
J5211M	Socket, 3/8" DR 11 mm 12 PT
J5212M	Socket, 3/8" DR 12 mm 12 PT
J5213M	Socket, 3/8" DR 13 mm 12 PT
J5214M	Socket, 3/8" DR 14 mm 12 PT
J5215M	Socket, 3/8" DR 15 mm 12 PT
J5216M	Socket, 3/8" DR 16 mm 12 PT
J5217M	Socket, 3/8" DR 17 mm 12 PT
J5218M	Socket, 3/8" DR 18 mm 12 PT
J5417M	Socket, 1/2" DR 17 mm 12 PT
J5418M	Socket, 1/2" DR 18 mm 12 PT
J5419M	Socket, 1/2" DR 19 mm 12 PT
J5421M	Socket, 1/2" DR 21 mm 12 PT
J5422M	Socket, 1/2" DR 22 mm 12 PT
J5009M	Socket, Deep 3/8" DR 9 mm 12 PT
J5010M	Socket, Deep 3/8" DR 10 mm 12 PT
J5011M	Socket, Deep 3/8" DR 11 mm 12 PT
J5012M	Socket, Deep 3/8" DR 12 mm 12 PT
J5013M	Socket, Deep 3/8" DR 13 mm 12 PT
J5014M	Socket, Deep 3/8" DR 14 mm 12 PT
J5015M	Socket, Deep 3/8" DR 15 mm 12 PT
J5017M	Socket, Deep 3/8" DR 17 mm 12 PT
J5018M	Socket, Deep 3/8" DR 18 mm 12 PT
J5255	Adapter, 3/8" F x 1/4" M
J4760	Extension, 1/4" DR 3"
J5259	Extension, 3/8" DR 1-3/4"
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5262	Extension, 3/8" DR 12"
J4749	Ratchet, Classic Pear Head 1/4" DR 5"
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J9300MS	Bit Holder, Screwdriver Magnetic 1/4"
J60002	Bit, Insert # 1 Phillips 1/4" Hex
J60008	Bit, Insert # 2 Phillips 1/4" Hex
J60020	Bit, Insert # 3 Phillips 1/4" Hex
J60500	Bit, Insert T6 Torx® 1/4" Hex
J60502	Bit, Insert T7 Torx® 1/4" Hex
J60504	Bit, Insert T8 Torx® 1/4" Hex
J60506	Bit, Insert T9 Torx® 1/4" Hex
J60508	Bit, Insert T10 Torx® 1/4" Hex
J60510	Bit, Insert T15 Torx® 1/4" Hex
J60512	Bit, Insert T20 Torx® 1/4" Hex
J60514	Bit, Insert T25 Torx® 1/4" Hex

Contents	Description
J60516	Bit, Insert T27 Torx® 1/4" Hex
J60518	Bit, Insert T30 Torx® 1/4" Hex
J60520	Bit, Insert T40 Torx® 1/4" Hex
J60530	Bit, Insert T10H Torx® 1/4" Hex
J60532	Bit, Insert T15H Torx® 1/4" Hex
J60534	Bit, Insert T20H Torx® 1/4" Hex
J60536	Bit, Insert T25H Torx® 1/4" Hex
J60538	Bit, Insert T27H Torx® 1/4" Hex
J60200	Bit, Insert 5/32" Slotted 1/4" Hex
J60202	Bit, Insert 3/16" Slotted 1/4" Hex
J60204	Bit, Insert 7/32" Slotted 1/4" Hex
J60206	Bit, Insert 5/32" Slotted 1/4" Hex
J60208	Bit, Insert 9/32" Slotted 1/4" Hex
J4982	Set, Hex Key, 7 PC
J4983	Set, Hex Key, Long 13 PC
J3018	Wrench, Open-End Satin 1/4" x 5/16"
J3020	Wrench, Open-End Satin 3/8" x 5/16"
J3021	Wrench, Open-End Satin 3/8" x 7/16"
J3025	Wrench, Open-End Satin 7/16" x 1/2"
J3026	Wrench, Open-End Satin 1/2" x 9/16"
J30809	Wrench, Open-End Satin 8 mm x 9 mm
J31011	Wrench, Open-End Satin 10 mm x 11 mm
J31213	Wrench, Open-End Satin 12 mm x 13 mm
J31415	Wrench, Open-End Satin 14 mm x 15 mm
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR
J2592	Socket Clip, 1/2" DR
J2584	Socket Bar, 6-1/4"
J2585	Socket Bar, 9"
J2586	Socket Bar, 13"
J2587	Socket Bar, 17"
J2588	Socket Bar, 11"
J9969R	Box with tray, 26"

Weight (lbs): 46.18

1/4", 3/8" & 1/2" DRIVE 148 PIECE SOCKET SET - 6 & 12 POINT

Product #: J47148

6 12

INCH MM



Contents	Description
J4705	Socket, 1/4" DR 5/32" 6 PT
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J5416H	Socket, 1/2" DR 1/2" 6 PT
J5418H	Socket, 1/2" DR 9/16" 6 PT
J5420H	Socket, 1/2" DR 5/8" 6 PT
J5422H	Socket, 1/2" DR 11/16" 6 PT
J5424H	Socket, 1/2" DR 3/4" 6 PT
J5426H	Socket, 1/2" DR 13/16" 6 PT
J5428H	Socket, 1/2" DR 7/8" 6 PT
J5430H	Socket, 1/2" DR 15/16" 6 PT
J5432H	Socket, 1/2" DR 1" 6 PT
J4706L	Socket, Deep 1/4" DR 3/16" 6 PT

Contents	Description
J4707L	Socket, Deep 1/4" DR 7/32" 6 PT
J4708L	Socket, Deep 1/4" DR 1/4" 6 PT
J4709L	Socket, Deep 1/4" DR 9/32" 6 PT
J4710L	Socket, Deep 1/4" DR 5/16" 6 PT
J4711L	Socket, Deep 1/4" DR 11/32" 6 PT
J4712L	Socket, Deep 1/4" DR 3/8" 6 PT
J4714L	Socket, Deep 1/4" DR 1/2" 6 PT
J4716L	Socket, Deep 1/4" DR 7/16" 6 PT
J5012H	Socket, Deep 3/8" DR 3/8" 6 PT
J5014H	Socket, Deep 3/8" DR 7/16" 6 PT
J5016H	Socket, Deep 3/8" DR 1/2" 6 PT
J5028H	Socket, Deep 3/8" DR 7/8" 6 PT
J5020-50	Socket, Spark Plug 3/8" DR 5/8" 6 PT
J5026HPA	Socket, Spark Plug 3/8" DR 13/16" 6 PT
J4706T	Socket, 1/4" DR 3/16" 12 PT
J4707T	Socket, 1/4" DR 7/32" 12 PT
J4708T	Socket, 1/4" DR 1/4" 12 PT
J4709T	Socket, 1/4" DR 9/32" 12 PT

Contents	Description
J4710T	Socket, 1/4" DR 5/16" 12 PT
J4711T	Socket, 1/4" DR 11/32" 12 PT
J4712T	Socket, 1/4" DR 3/8" 12 PT
J4714T	Socket, 1/4" DR 7/16" 12 PT
J4716T	Socket, 1/4" DR 1/2" 12 PT
J5210	Socket, 3/8" DR 5/16" 12 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J5226	Socket, 3/8" DR 13/16" 12 PT
J5228	Socket, 3/8" DR 7/8" 12 PT
J5416	Socket, 1/2" DR 1/2" 12 PT
J5418	Socket, 1/2" DR 9/16" 12 PT
J5420	Socket, 1/2" DR 5/8" 12 PT
J5422	Socket, 1/2" DR 11/16" 12 PT

Torx® is a trademark of Acument Intellectual Properties, LLC

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

Contents	Description
J5424	Socket, 1/2" DR 3/4" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J5428	Socket, 1/2" DR 7/8" 12 PT
J5430	Socket, 1/2" DR 15/16" 12 PT
J5432	Socket, 1/2" DR 1" 12 PT
J5434	Socket, 1/2" DR 1-1/16" 12 PT
J5436	Socket, 1/2" DR 1-1/8" 12 PT
J5440	Socket, 1/2" DR 1-1/4" 12 PT
J5012	Socket, Deep 3/8" DR 3/8" 12 PT
J5014	Socket, Deep 3/8" DR 7/16" 12 PT
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J5020	Socket, Deep 3/8" DR 5/8" 12 PT
J5022	Socket, Deep 3/8" DR 11/16" 12 PT
J5024	Socket, Deep 3/8" DR 3/4" 12 PT
J5026	Socket, Deep 3/8" DR 13/16" 12 PT
J5316	Socket, Deep 1/2" DR 1/2" 12 PT
J5318	Socket, Deep 1/2" DR 9/16" 12 PT
J5320	Socket, Deep 1/2" DR 5/8" 12 PT
J5322	Socket, Deep 1/2" DR 11/16" 12 PT
J5324	Socket, Deep 1/2" DR 3/4" 12 PT
J5326	Socket, Deep 1/2" DR 13/16" 12 PT
J5328	Socket, Deep 1/2" DR 7/8" 12 PT
J5330	Socket, Deep 1/2" DR 15/16" 12 PT
J5332	Socket, Deep 1/2" DR 1" 12 PT
J5334	Socket, Deep 1/2" DR 1-1/16" 12 PT
J5336	Socket, Deep 1/2" DR 1-1/8" 12 PT
J49901/4	Socket, Hex Bit 3/8" DR 1/4"
J49901/8	Socket, Hex Bit 3/8" DR 1/8"
J49903/16	Socket, Hex Bit 3/8" DR 3/16"
J49903/8	Socket, Hex Bit 3/8" DR 3/8"
J49905/16	Socket, Hex Bit 3/8" DR 5/16"
J49905/32	Socket, Hex Bit 3/8" DR 5/32"
J49907/32	Socket, Hex Bit 3/8" DR 7/32"
J5239-40W	Socket, Bit Torx® 3/8" DR T40
J5239-55W	Socket, Bit Torx® 3/8" DR T55
J5254	Adapter, 1/2" F x 3/8" M
J5270A	Universal Joint, 3/8" DR
J4760	Extension, 1/4" DR 3"
J4761	Extension, 1/4" DR 6"
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5261	Extension, 3/8" DR 8"
J5460	Extension, 1/2" DR 2-1/2"
J5461	Extension, 1/2" DR 5"
JD1402R	Socket Driver, 1/4" DR
J5265	Handle, Hinge 3/8" DR

Contents	Description
J4749	Ratchet, Classic Pear Head 1/4" DR 5"
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J9300MS	Bit Holder, Screwdriver Magnetic 1/4"
J60002	Bit, Insert # 1 Phillips 1/4" Hex
J60008	Bit, Insert # 2 Phillips 1/4" Hex
J60020	Bit, Insert # 3 Phillips 1/4" Hex
J60200	Bit, Insert 5/32" Slotted 1/4" Hex
J60202	Bit, Insert 3/16" Slotted 1/4" Hex
J60204	Bit, Insert 7/32" Slotted 1/4" Hex
J60510	Bit, Insert T15 Torx® 1/4" Hex
J60512	Bit, Insert T20 Torx® 1/4" Hex
J60514	Bit, Insert T25 Torx® 1/4" Hex
J60518	Bit, Insert T30 Torx® 1/4" Hex
J46103	Hex Key, Standard 0.050"
J46104	Hex Key, Standard 1/16"
J46105	Hex Key, Standard 5/64"
J46106	Hex Key, Standard 3/32"
J46107	Hex Key, Standard 7/64"
J46108	Hex Key, Standard 1/8"
J46109	Hex Key, Standard 9/64"
J46110	Hex Key, Standard 5/32"
J46112	Hex Key, Standard 3/16"
J46114	Hex Key, Standard 7/32"
J46116	Hex Key, Standard 1/4"
J46120	Hex Key, Standard 5/16"
J46124	Hex Key, Standard 3/8"
J46132	Hey Key, Standard 1/2"
J1212ASD	Wrench, Combination Satin 3/8" 12 PT
J1214ASD	Wrench, Combination Satin 7/16" 12 PT
J1216ASD	Wrench, Combination Satin 1/2" 12 PT
J1218ASD	Wrench, Combination Satin 9/16" 12 PT
J1220ASD	Wrench, Combination Satin 5/8" 12 PT
J1222ASD	Wrench, Combination Satin 11/16" 12 PT
J1224ASD	Wrench, Combination Satin 3/4" 12 PT
J1216ASD	Wrench, Combination Satin 1/2" 12 PT
J1218ASD	Wrench, Combination Satin 9/16" 12 PT
J1220ASD	Wrench, Combination Satin 5/8" 12 PT
J1222ASD	Wrench, Combination Satin 11/16" 12 PT
J1224ASD	Wrench, Combination Satin 3/4" 12 PT

Contents	Description
J1226ASD	Wrench, Combination Satin 13/16" 12 PT
J1228ASD	Wrench, Combination Satin 7/8" 12 PT
J1230ASD	Wrench, Combination Satin 15/16" 12 PT
J1232ASD	Wrench, Combination Satin 1" 12 PT
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR
J2592	Socket Clip, 1/2" DR
J2587	Socket Bar, 17"

Weight (lbs): 32.74

1/4", 3/8" & 1/2" DRIVE 125 PIECE SOCKET SET - 6, 8, & 12 POINT

Product #: J47125

6 8 12

INCH MM



Contents	Description
J4705	Socket, 1/4" DR 5/32" 6 PT
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J4706L	Socket, Deep 1/4" DR 3/16" 6 PT
J4707L	Socket, Deep 1/4" DR 7/32" 6 PT
J4708L	Socket, Deep 1/4" DR 1/4" 6 PT
J4709L	Socket, Deep 1/4" DR 9/32" 6 PT
J4710L	Socket, Deep 1/4" DR 5/16" 6 PT
J4711L	Socket, Deep 1/4" DR 11/32" 6 PT
J4712L	Socket, Deep 1/4" DR 3/8" 6 PT
J4714L	Socket, Deep 1/4" DR 1/2" 6 PT
J4716L	Socket, Deep 1/4" DR 7/16" 6 PT
J5026-50A	Socket, Universal 3/8" DR 13/16" 6 PT
J5208S	Socket, 3/8" DR 1/4" 8 PT
J5210S	Socket, 3/8" DR 5/16" 8 PT
J5212S	Socket, 3/8" DR 3/8" 8 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J5226	Socket, 3/8" DR 13/16" 12 PT
J5420	Socket, 1/2" DR 5/8" 12 PT
J5424	Socket, 1/2" DR 3/4" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J5428	Socket, 1/2" DR 7/8" 12 PT
J5430	Socket, 1/2" DR 15/16" 12 PT

Contents	Description
J5012	Socket, Deep 3/8" DR 3/8" 12 PT
J5014	Socket, Deep 3/8" DR 7/16" 12 PT
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J5020	Socket, Deep 3/8" DR 5/8" 12 PT
J5022	Socket, Deep 3/8" DR 11/16" 12 PT
J5024	Socket, Deep 3/8" DR 3/4" 12 PT
J5026	Socket, Deep 3/8" DR 13/16" 12 PT
J4704M	Socket, 1/4" DR 4 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT
J4711M	Socket, 1/4" DR 11 mm 6 PT
J4712M	Socket, 1/4" DR 12 mm 6 PT
J4713M	Socket, 1/4" DR 13 mm 6 PT
J5209M	Socket, 3/8" DR 9 mm 12 PT
J5210M	Socket, 3/8" DR 10 mm 12 PT
J5211M	Socket, 3/8" DR 11 mm 12 PT
J5212M	Socket, 3/8" DR 12 mm 12 PT
J5213M	Socket, 3/8" DR 13 mm 12 PT
J5214M	Socket, 3/8" DR 14 mm 12 PT
J5215M	Socket, 3/8" DR 15 mm 12 PT
J5216M	Socket, 3/8" DR 16 mm 12 PT
J5217M	Socket, 3/8" DR 17 mm 12 PT
J5218M	Socket, 3/8" DR 18 mm 12 PT
J5413M	Socket, 1/2" DR 13 mm 12 PT
J5421M	Socket, 1/2" DR 21 mm 12 PT
J5422M	Socket, 1/2" DR 22 mm 12 PT
J5423M	Socket, 1/2" DR 23 mm 12 PT
J5424M	Socket, 1/2" DR 24 mm 12 PT
J4704LM	Socket, Deep 1/4" DR 4 mm 6 PT
J4705LM	Socket, Deep 1/4" DR 5 mm 6 PT
J4706LM	Socket, Deep 1/4" DR 6 mm 6 PT

Contents	Description
J4707LM	Socket, Deep 1/4" DR 7 mm 6 PT
J4708LM	Socket, Deep 1/4" DR 8 mm 6 PT
J4709LM	Socket, Deep 1/4" DR 9 mm 6 PT
J4710LM	Socket, Deep 1/4" DR 10 mm 6 PT
J4711LM	Socket, Deep 1/4" DR 11 mm 6 PT
J4712LM	Socket, Deep 1/4" DR 12 mm 6 PT
J4713LM	Socket, Deep 1/4" DR 13 mm 6 PT
J5009M	Socket, Deep 3/8" DR 9 mm 12 PT
J5010M	Socket, Deep 3/8" DR 10 mm 12 PT
J5011M	Socket, Deep 3/8" DR 11 mm 12 PT
J5012M	Socket, Deep 3/8" DR 12 mm 12 PT
J5013M	Socket, Deep 3/8" DR 13 mm 12 PT
J5014M	Socket, Deep 3/8" DR 14 mm 12 PT
J5015M	Socket, Deep 3/8" DR 15 mm 12 PT
J5016M	Socket, Deep 3/8" DR 16 mm 12 PT
J4760	Extension, 1/4" DR 3"
J4761	Extension, 1/4" DR 6"
J5260	Extension, 3/8" DR 3"
JD1402R	Socket Driver, 1/4" DR
J4749	Ratchet, Classic Pear Head 1/4" DR 5"
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J9300MS	Bit Holder, Screwdriver Magnetic 1/4"
J60002	Bit, Insert # 1 Phillips 1/4" Hex
J60008	Bit, Insert # 2 Phillips 1/4" Hex
J60020	Bit, Insert # 3 Phillips 1/4" Hex
J60202	Bit, Insert 3/16" Slotted 1/4" Hex
J60204	Bit, Insert 7/32" Slotted 1/4" Hex
J60208	Bit, Insert 9/32" Slotted 1/4" Hex
J60508	Bit, Insert T10 Torx® 1/4" Hex
J60510	Bit, Insert T15 Torx® 1/4" Hex
J60512	Bit, Insert T20 Torx® 1/4" Hex
J60514	Bit, Insert T25 Torx® 1/4" Hex
J4981	Set, Hex Key, 11 PC
J1212ASD	Wrench, Combination Satin 3/8" 12 PT
J1214ASD	Wrench, Combination Satin 7/16" 12 PT
J1216ASD	Wrench, Combination Satin 1/2" 12 PT
J1218ASD	Wrench, Combination Satin 9/16" 12 PT
J1220ASD	Wrench, Combination Satin 5/8" 12 PT
J1210MASD	Wrench, Combination Satin 10 mm 12 PT
J1212MASD	Wrench, Combination Satin 12 mm 12 PT
J1214MASD	Wrench, Combination Satin 14 mm 12 PT
J1215MASD	Wrench, Combination Satin 15 mm 12 PT
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR
J2592	Socket Clip, 1/2" DR
J2584	Socket Bar, 6-1/4"
J2585	Socket Bar, 9"

Weight (lbs): 34.28

Torx® is a trademark of Acument Intellectual Properties, LLC

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/4", 3/8" & 1/2" DRIVE 101 PIECE SOCKET SET - 6, 8, & 12 POINT

Product #: J47101-1A

Tools Only: J47101

6 8 12

INCH MM



Contents	Description
J4705	Socket, 1/4" DR 5/32" 6 PT
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J5416H	Socket, 1/2" DR 1/2" 6 PT
J5418H	Socket, 1/2" DR 9/16" 6 PT
J5420H	Socket, 1/2" DR 5/8" 6 PT
J5422H	Socket, 1/2" DR 11/16" 6 PT
J5424H	Socket, 1/2" DR 3/4" 6 PT
J5426H	Socket, 1/2" DR 13/16" 6 PT
J5428H	Socket, 1/2" DR 7/8" 6 PT
J5430H	Socket, 1/2" DR 15/16" 6 PT
J5432H	Socket, 1/2" DR 1" 6 PT
J4706L	Socket, Deep 1/4" DR 3/16" 6 PT
J4707L	Socket, Deep 1/4" DR 7/32" 6 PT
J4708L	Socket, Deep 1/4" DR 1/4" 6 PT
J4709L	Socket, Deep 1/4" DR 9/32" 6 PT
J4710L	Socket, Deep 1/4" DR 5/16" 6 PT
J4711L	Socket, Deep 1/4" DR 11/32" 6 PT
J4712L	Socket, Deep 1/4" DR 3/8" 6 PT
J4716L	Socket, Deep 1/4" DR 7/16" 6 PT
J4714L	Socket, Deep 1/4" DR 1/2" 6 PT

Contents	Description
J4718L	Socket, Deep 1/4" DR 9/16" 6 PT
J5020-50	Socket, Spark Plug 3/8" DR 5/8" 6 PT
J5026HPA	Socket, Spark Plug 3/8" DR 13/16" 6 PT
J5208S	Socket, 3/8" DR 1/4" 8 PT
J5210S	Socket, 3/8" DR 5/16" 8 PT
J5212S	Socket, 3/8" DR 3/8" 8 PT
J5214S	Socket, 3/8" DR 7/16" 8 PT
J5216S	Socket, 3/8" DR 1/2" 8 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J5226	Socket, 3/8" DR 13/16" 12 PT
J5012	Socket, Deep 3/8" DR 3/8" 12 PT
J5014	Socket, Deep 3/8" DR 7/16" 12 PT
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J5020	Socket, Deep 3/8" DR 5/8" 12 PT
J5022	Socket, Deep 3/8" DR 11/16" 12 PT
J5024	Socket, Deep 3/8" DR 3/4" 12 PT
J5026	Socket, Deep 3/8" DR 13/16" 12 PT
J5032	Socket, Deep 3/8" DR 1" 12 PT
J4704M	Socket, 1/4" DR 4 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT

Contents	Description
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT
J4711M	Socket, 1/4" DR 11 mm 6 PT
J4712M	Socket, 1/4" DR 12 mm 6 PT
J4713M	Socket, 1/4" DR 13 mm 6 PT
J4704LM	Socket, Deep 1/4" DR 4 mm 6 PT
J4705LM	Socket, Deep 1/4" DR 5 mm 6 PT
J4706LM	Socket, Deep 1/4" DR 6 mm 6 PT
J4707LM	Socket, Deep 1/4" DR 7 mm 6 PT
J4708LM	Socket, Deep 1/4" DR 8 mm 6 PT
J4709LM	Socket, Deep 1/4" DR 9 mm 6 PT
J4710LM	Socket, Deep 1/4" DR 10 mm 6 PT
J4711LM	Socket, Deep 1/4" DR 11 mm 6 PT
J4712LM	Socket, Deep 1/4" DR 12 mm 6 PT
J4713LM	Socket, Deep 1/4" DR 13 mm 6 PT
J5010MH	Socket, Deep 3/8" DR 10 mm 6 PT
J5012MH	Socket, Deep 3/8" DR 12 mm 6 PT
J5013MH	Socket, Deep 3/8" DR 13 mm 6 PT
J5014MH	Socket, Deep 3/8" DR 14 mm 6 PT
J5015MH	Socket, Deep 3/8" DR 15 mm 6 PT
J5017MH	Socket, Deep 3/8" DR 17 mm 6 PT
J5019MH	Socket, Deep 3/8" DR 19 mm 6 PT
J5209M	Socket, 3/8" DR 9 mm 12 PT
J5210M	Socket, 3/8" DR 10 mm 12 PT
J5211M	Socket, 3/8" DR 11 mm 12 PT
J5212M	Socket, 3/8" DR 12 mm 12 PT
J5213M	Socket, 3/8" DR 13 mm 12 PT
J5214M	Socket, 3/8" DR 14 mm 12 PT
J5215M	Socket, 3/8" DR 15 mm 12 PT
J5216M	Socket, 3/8" DR 16 mm 12 PT
J5217M	Socket, 3/8" DR 17 mm 12 PT
J5218M	Socket, 3/8" DR 18 mm 12 PT
J5219M	Socket, 3/8" DR 19 mm 12 PT
J5254	Adapter, 1/2" F x 3/8" M
J4760	Extension, 1/4" DR 3"
J4761	Extension, 1/4" DR 6"
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5261	Extension, 3/8" DR 8"
JD1402R	Socket Driver, 1/4" DR
J4749	Ratchet, Classic Pear Head 1/4" DR 5"
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR
J2592	Socket Clip, 1/2" DR
J2584	Socket Bar, 6-1/4"
J2585	Socket Bar, 9"
J2586	Socket Bar, 13"
J9975R	20" Box, Mechanic w/ Tray

Weight (lbs):32.54

1/4", 3/8" & 1/2" DRIVE 81 PIECE SOCKET SET - 6 & 12 POINT

Product #: J47181

6 12

INCH MM



Contents	Description
J4705	Socket, 1/4" DR 5/32" 6 PT
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J5212H	Socket, 3/8" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J5222H	Socket, 3/8" DR 11/16" 6 PT
J5224H	Socket, 3/8" DR 3/4" 6 PT
J5226H	Socket, 3/8" DR 13/16" 6 PT
J4706L	Socket, Deep 1/4" DR 3/16" 6 PT
J4708L	Socket, Deep 1/4" DR 1/4" 6 PT
J4709L	Socket, Deep 1/4" DR 9/32" 6 PT
J4710L	Socket, Deep 1/4" DR 5/16" 6 PT
J5020-50	Socket, Spark Plug 3/8" DR 5/8" 6 PT
J4706T	Socket, 1/4" DR 3/16" 12 PT
J4707T	Socket, 1/4" DR 7/32" 12 PT
J4710T	Socket, 1/4" DR 5/16" 12 PT

Contents	Description
J4711T	Socket, 1/4" DR 11/32" 12 PT
J4712T	Socket, 1/4" DR 3/8" 12 PT
J4714T	Socket, 1/4" DR 7/16" 12 PT
J4716T	Socket, 1/4" DR 1/2" 12 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J5226	Socket, 3/8" DR 13/16" 12 PT
J5416	Socket, 1/2" DR 1/2" 12 PT
J5418	Socket, 1/2" DR 9/16" 12 PT
J5420	Socket, 1/2" DR 5/8" 12 PT
J5424	Socket, 1/2" DR 3/4" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J4708LT	Socket, Deep 1/4" DR 1/4" 12 PT
J4709LT	Socket, Deep 1/4" DR 9/32" 12 PT
J5012	Socket, Deep 3/8" DR 3/8" 12 PT
J5014	Socket, Deep 3/8" DR 7/16" 12 PT
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J4704M	Socket, 1/4" DR 4 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT

Contents	Description
J5210MH	Socket, 3/8" DR 10 mm 6 PT
J5211MH	Socket, 3/8" DR 11 mm 6 PT
J5212MH	Socket, 3/8" DR 12 mm 6 PT
J5213MH	Socket, 3/8" DR 13 mm 6 PT
J5214MH	Socket, 3/8" DR 14 mm 6 PT
J5215MH	Socket, 3/8" DR 15 mm 6 PT
J5217MH	Socket, 3/8" DR 17 mm 6 PT
J5219MH	Socket, 3/8" DR 19 mm 6 PT
J4707TM	Socket, 1/4" DR 7 mm 12 PT
J4708TM	Socket, 1/4" DR 8 mm 12 PT
J4709TM	Socket, 1/4" DR 9 mm 12 PT
J4711TM	Socket, 1/4" DR 11 mm 12 PT
J4712TM	Socket, 1/4" DR 12 mm 12 PT
J4713TM	Socket, 1/4" DR 13 mm 12 PT
J5209M	Socket, 3/8" DR 9 mm 12 PT
J5210M	Socket, 3/8" DR 10 mm 12 PT
J5211M	Socket, 3/8" DR 11 mm 12 PT
J5212M	Socket, 3/8" DR 12 mm 12 PT
J5213M	Socket, 3/8" DR 13 mm 12 PT
J5214M	Socket, 3/8" DR 14 mm 12 PT
J5215M	Socket, 3/8" DR 15 mm 12 PT
J5216M	Socket, 3/8" DR 16 mm 12 PT
J5217M	Socket, 3/8" DR 17 mm 12 PT
J5219M	Socket, 3/8" DR 19 mm 12 PT
J4710LTM	Socket, Deep 1/4" DR 10 mm 12 PT
J5260	Extension, 3/8" DR 3"
J4749	Ratchet, Classic Pear Head 1/4" DR 5"
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR
J2592	Socket Clip, 1/2" DR
J2584	Socket Bar, 6-1/4"
J2585	Socket Bar, 9"

Weight (lbs): 23.48

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/4", 3/8" & 1/2" DRIVE 54 PIECE HEX BIT SOCKET SET

Product #: J47354

HEX

INCH MM



Contents	Description
J47701/16	Socket, Hex Bit 1/4" DR 1/16"
J47705/64	Socket, Hex Bit 1/4" DR 5/64"
J47703/32	Socket, Hex Bit 1/4" DR 3/32"
J47707/64	Socket, Hex Bit 1/4" DR 7/64"
J47701/8	Socket, Hex Bit 1/4" DR 1/8"
J47709/64	Socket, Hex Bit 1/4" DR 9/64"
J4770-2M	Socket, Hex Bit 1/4" DR 2 mm
J4770-2.5M	Socket, Hex Bit 1/4" DR 2.5 mm
J4770-3M	Socket, Hex Bit 1/4" DR 3 mm
J4770-4M	Socket, Hex Bit 1/4" DR 4 mm
J4770-5M	Socket, Hex Bit 1/4" DR 5 mm
J4770-6M	Socket, Hex Bit 1/4" DR 6 mm
J4739-10W	Socket, Bit Torx 1/4" DR T10
J4739-15W	Socket, Bit Torx 1/4" DR T15
J4739-20W	Socket, Bit Torx 1/4" DR T20
J4739-25W	Socket, Bit Torx 1/4" DR T25
J4739-27W	Socket, Bit Torx 1/4" DR T27
J4739-30W	Socket, Bit Torx 1/4" DR T30
J4737	Socket, Phillips® Bit 1/4" DR #1
J4744	Socket, Screwdriver Bit Slotted 1/4" DR 3/16"
J4745	Socket, Screwdriver Bit Slotted 1/4" DR 1/4"
J4990-7M	Socket, Hex Bit 3/8" 7 mm
J4990-8M	Socket, Hex Bit 3/8" 8 mm
J4990-9M	Socket, Hex Bit 3/8" DR 9 mm
J4990-10M	Socket, Hex Bit 3/8" 10 mm
J49905/32	Socket, Hex Bit 3/8" DR 5/32"
J49903/16	Socket, Hex Bit 3/8" DR 3/16"
J49907/32	Socket, Hex Bit 3/8" DR 7/32"
J49901/4	Socket, Hex Bit 3/8" DR 1/4"
J49905/16	Socket, Hex Bit 3/8" DR 5/16"
J49903/8	Socket, Hex Bit 3/8" DR 3/8"

Contents	Description
J5239-40W	Socket, Bit Torx 3/8" DR T40
J5239-45W	Socket, Bit Torx 3/8" DR T45
J5239-50W	Socket, Bit Torx 3/8" DR T50
J5239-55W	Socket, Bit Torx 3/8" DR T55
J5241	Socket, Phillips® Bit 3/8" DR #2
J5242	Socket, Phillips® Bit 3/8" DR #3
J5243	Socket, Phillips® Bit 3/8" DR #4
J54417/16	Socket, Bit Hex 1/2"DR 7/16
J54411/2	Socket, Bit Hex 1/2"DR 1/2"
J54419/16	Socket, Bit Hex 1/2"DR 9/16
J54415/8	Socket, Bit Hex 1/2"DR 5/8
J54413/4	Socket, Hex Bit 1/2" DR 3/4"
J5441-12M	Socket, Hex Bit 1/2" DR 12 mm
J5441-13M	Socket, Hex Bit 1/2" DR 13 mm
J5441-14M	Socket, Hex Bit 1/2" DR 14 mm
J5441-15M	Socket, Hex Bit 1/2" DR 15 mm
J5441-17M	Socket, Hex Bit 1/2" DR 17 mm
J5441-18M	Socket, Hex Bit 1/2" DR 18 mm
J5441-19M	Socket, Hex Bit 1/2" DR 19 mm
J5253	Adapter, 3/8" F x 1/2" M
J5254	Adapter, 1/2" F x 3/8" M
J5255	Adapter, 3/8" F x 1/4" M
J5256	Adapter, 1/4" F x 3/8" M
JBM1017	Blow Mold Case

Weight (lbs): 14.53

1/4" & 3/8" DRIVE 65 PIECE SOCKET SET - 6 & 12 POINT

Product #: J47165

6 12

INCH MM



Contents	Description
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J5020-50	Socket, Spark Plug 3/8" DR 5/8" 6 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J5226	Socket, 3/8" DR 13/16" 12 PT
J5228	Socket, 3/8" DR 7/8" 12 PT
J5012	Socket, Deep 3/8" DR 3/8" 12 PT
J5014	Socket, Deep 3/8" DR 7/16" 12 PT
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J5020	Socket, Deep 3/8" DR 5/8" 12 PT
J5022	Socket, Deep 3/8" DR 11/16" 12 PT
J5024	Socket, Deep 3/8" DR 3/4" 12 PT
J5026	Socket, Deep 3/8" DR 13/16" 12 PT
J5028	Socket, Deep 3/8" DR 7/8" 12 PT
J4704M	Socket, 1/4" DR 4 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT

Contents	Description
J4711M	Socket, 1/4" DR 11 mm 6 PT
J4712M	Socket, 1/4" DR 12 mm 6 PT
J4713M	Socket, 1/4" DR 13 mm 6 PT
J5210MH	Socket, 3/8" DR 10 mm 6 PT
J5211MH	Socket, 3/8" DR 11 mm 6 PT
J5212MH	Socket, 3/8" DR 12 mm 6 PT
J5213MH	Socket, 3/8" DR 13 mm 6 PT
J5214MH	Socket, 3/8" DR 14 mm 6 PT
J5215MH	Socket, 3/8" DR 15 mm 6 PT
J5216MH	Socket, 3/8" DR 16 mm 6 PT
J5217MH	Socket, 3/8" DR 17 mm 6 PT
J5218MH	Socket, 3/8" DR 18 mm 6 PT
J5219MH	Socket, 3/8" DR 19 mm 6 PT
J5010MH	Socket, Deep 3/8" DR 10 mm 6 PT
J5011MH	Socket, Deep 3/8" DR 11 mm 6 PT
J5012MH	Socket, Deep 3/8" DR 12 mm 6 PT
J5013MH	Socket, Deep 3/8" DR 13 mm 6 PT
J5014MH	Socket, Deep 3/8" DR 14 mm 6 PT
J5015MH	Socket, Deep 3/8" DR 15 mm 6 PT
J5017MH	Socket, Deep 3/8" DR 17 mm 6 PT
J5018MH	Socket, Deep 3/8" DR 18 mm 6 PT
J5019MH	Socket, Deep 3/8" DR 19 mm 6 PT
J5255	Adapter, 3/8" F x 1/4" M
J5270A	Universal Joint, 3/8" DR
J4760	Extension, 1/4" DR 3"
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
JD1402R	Socket Driver, 1/4" DR
J4749	Ratchet, Classic Pear Head 1/4" DR 5"
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR
J2584	Socket Bar, 6-1/4"
J2585	Socket Bar, 9"

Weight (lbs): 23.99

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/4" & 3/8" DRIVE 65 PIECE SOCKET SET WITH HEX KEYS - 6 & 12 POINT

Product #: J47065

6 12 HEX

INCH MM



Contents	Description
J4705	Socket, 1/4" DR 5/32" 6 PT
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J5020-50	Socket, Spark Plug 3/8" DR 5/8" 6 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J5226	Socket, 3/8" DR 13/16" 12 PT
J4704M	Socket, 1/4" DR 4 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT
J4711M	Socket, 1/4" DR 11 mm 6 PT
J4712M	Socket, 1/4" DR 12 mm 6 PT
J4713M	Socket, 1/4" DR 13 mm 6 PT

Contents	Description
J5210M	Socket, 3/8" DR 10 mm 12 PT
J5211M	Socket, 3/8" DR 11 mm 12 PT
J5212M	Socket, 3/8" DR 12 mm 12 PT
J5213M	Socket, 3/8" DR 13 mm 12 PT
J5214M	Socket, 3/8" DR 14 mm 12 PT
J5215M	Socket, 3/8" DR 15 mm 12 PT
J5217M	Socket, 3/8" DR 17 mm 12 PT
J5255	Adapter, 3/8" F x 1/4" M
J4760	Extension, 1/4" DR 3"
J5260	Extension, 3/8" DR 3"
JD1402R	Socket Driver, 1/4" DR
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J60002	Bit, Insert # 1 Phillips 1/4" Hex
J60008	Bit, Insert # 2 Phillips 1/4" Hex
J60020	Bit, Insert # 3 Phillips 1/4" Hex
J60202	Bit, Insert 3/16" Slotted 1/4" Hex
J60204	Bit, Insert 7/32" Slotted 1/4" Hex
J60208	Bit, Insert 9/32" Slotted 1/4" Hex
J60508	Bit, Insert T10 Torx® 1/4" Hex
J60510	Bit, Insert T15 Torx® 1/4" Hex
J60512	Bit, Insert T20 Torx® 1/4" Hex
J60514	Bit, Insert T25 Torx® 1/4" Hex
J60516	Bit, Insert T27 Torx® 1/4" Hex
J4980	Set, Hex Key, 13 PC
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR
J2584	Socket Bar, 6-1/4"
J2585	Socket Bar, 9"

Weight (lbs): 18.44

1/4" & 3/8" DRIVE 63 PIECE SOCKET SET - 6 & 12 POINT

Product #: J47163

6 12 HEX

INCH MM



Contents	Description
J4704	Socket, 1/4" DR 1/8" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J4706L	Socket, Deep 1/4" DR 3/16" 6 PT
J4707L	Socket, Deep 1/4" DR 7/32" 6 PT
J4708L	Socket, Deep 1/4" DR 1/4" 6 PT
J4709L	Socket, Deep 1/4" DR 9/32" 6 PT
J4710L	Socket, Deep 1/4" DR 5/16" 6 PT
J4711L	Socket, Deep 1/4" DR 11/32" 6 PT
J4712L	Socket, Deep 1/4" DR 3/8" 6 PT
J4714L	Socket, Deep 1/4" DR 1/2" 6 PT
J4716L	Socket, Deep 1/4" DR 7/16" 6 PT
J5020-50	Socket, Spark Plug 3/8" DR 5/8" 6 PT
J5210	Socket, 3/8" DR 5/16" 12 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT

Contents	Description
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT
J4711M	Socket, 1/4" DR 11 mm 6 PT
J4712M	Socket, 1/4" DR 12 mm 6 PT
J4713M	Socket, 1/4" DR 13 mm 6 PT
J4705LM	Socket, Deep 1/4" DR 5 mm 6 PT
J4706LM	Socket, Deep 1/4" DR 6 mm 6 PT
J4707LM	Socket, Deep 1/4" DR 7 mm 6 PT
J4708LM	Socket, Deep 1/4" DR 8 mm 6 PT
J4709LM	Socket, Deep 1/4" DR 9 mm 6 PT
J4710LM	Socket, Deep 1/4" DR 10 mm 6 PT
J4711LM	Socket, Deep 1/4" DR 11 mm 6 PT
J4712LM	Socket, Deep 1/4" DR 12 mm 6 PT
J4713LM	Socket, Deep 1/4" DR 13 mm 6 PT
J5210M	Socket, 3/8" DR 10 mm 12 PT
J5211M	Socket, 3/8" DR 11 mm 12 PT
J5212M	Socket, 3/8" DR 12 mm 12 PT
J5213M	Socket, 3/8" DR 13 mm 12 PT
J5214M	Socket, 3/8" DR 14 mm 12 PT
J5215M	Socket, 3/8" DR 15 mm 12 PT
J5216M	Socket, 3/8" DR 16 mm 12 PT
J5217M	Socket, 3/8" DR 17 mm 12 PT
J5218M	Socket, 3/8" DR 18 mm 12 PT
J4749	Ratchet, Classic Pear Head 1/4" DR 5"
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J4982	Set, Hex Key, 7 PC
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR
J2584	Socket Bar, 6-1/4"
J2585	Socket Bar, 9"

Weight (lbs): 17.25

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/4" & 3/8" DRIVE 22 PIECE SOCKET SETS - 6 POINT

Product #: J47122S

6

INCH



Contents	Description
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J5222H	Socket, 3/8" DR 11/16" 6 PT

Contents	Description
J5224H	Socket, 3/8" DR 3/4" 6 PT
J5226H	Socket, 3/8" DR 13/16" 6 PT
J5228H	Socket, 3/8" DR 7/8" 6 PT
J5230H	Socket, 3/8" DR 15/16" 6 PT
J5232H	Socket, 3/8" DR 1" 6 PT
JD1402R	Socket Driver, 1/4" DR
J5255	Adapter, 3/8" F x 1/4" M
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5249	Ratchet, Classic Pear Head 3/8" DR
JBM1021	Case, Blow Molded

Weight (lbs): 5.41

Torx® is a trademark of Acument Intellectual Properties, LLC

1/4" & 3/8" DRIVE 37 PIECE BIT SET

Product #: J47137A

HEX

INCH MM



Contents	Description
J4737	Socket, Phillips Bit 1/4" DR #1
J4738	Socket, Phillips Bit 1/4" DR #2
J4739-10W	Socket, Bit Torx® 1/4" DR T10
J4739-15W	Socket, Bit Torx® 1/4" DR T15
J4739-20W	Socket, Bit Torx® 1/4" DR T20
J4739-25W	Socket, Bit Torx® 1/4" DR T25
J4739-27W	Socket, Bit Torx® 1/4" DR T27
J4739-30W	Socket, Bit Torx® 1/4" DR T30
J4743	Socket, Screwdriver Bit Slotted 1/4" DR 1/4"
J4744	Socket, Screwdriver Bit Slotted 1/4" DR 3/16"
J4745	Socket, Screwdriver Bit Slotted 1/4" DR 1/4"
J47701/16	Socket, Hex Bit 1/4" DR 1/16"
J47705/64	Socket, Hex Bit 1/4" DR 5/64"
J47703/32	Socket, Hex Bit 1/4" DR 3/32"
J47707/64	Socket, Hex Bit 1/4" DR 7/64"
J47701/8	Socket, Hex Bit 1/4" DR 1/8"
J47709/64	Socket, Hex Bit 1/4" DR 9/64"
J47705/32	Socket, Hex Bit 1/4" DR 5/32"
J47703/16	Socket, Hex Bit 1/4" DR 3/16"
J47707/32	Socket, Hex Bit 1/4" DR 7/32"
J47701/4	Socket, Hex Bit 1/4" DR 1/4"
J47705/16	Socket, Hex Bit 1/4" DR 5/16"

Contents	Description
J4770-2M	Socket, Hex Bit 1/4" DR 2 mm
J4770-2.5M	Socket, Hex Bit 1/4" DR 2.5 mm
J4770-3M	Socket, Hex Bit 1/4" DR 3 mm
J4770-4M	Socket, Hex Bit 1/4" DR 4 mm
J4770-5M	Socket, Hex Bit 1/4" DR 5 mm
J4770-6M	Socket, Hex Bit 1/4" DR 6 mm
J49903/8	Socket, Hex Bit 3/8" DR 3/8"
J4990-7M	Socket, Hex Bit 3/8" 7 mm
J4990-8M	Socket, Hex Bit 3/8" 8 mm
J4990-10M	Socket, Hex Bit 3/8" 10 mm
J5239-40W	Socket, Bit Torx® 3/8" DR T40
J5239-45W	Socket, Bit Torx® 3/8" DR T45
J5239-50W	Socket, Bit Torx® 3/8" DR T50
J5239-55W	Socket, Bit Torx® 3/8" DR T55
J5242	Socket, Phillips Bit 3/8" DR #3
J2587	Socket Bar, 17"
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR
J5497R	Box, Tool

Weight (lbs): 10.42

6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX FULL POLISH SATIN BLACK OXIDE INSULATED

1/4" & 3/8" DRIVE 37 PIECE BIT SET

Product #: J4770-37

HEX

INCH MM



Contents	Description
J4737	Socket, Phillips Bit 1/4" DR #1
J4738	Socket, Phillips Bit 1/4" DR #2
J4743	Socket, Screwdriver Bit Slotted 1/4" DR 1/4"
J4744	Socket, Screwdriver Bit Slotted 1/4" DR 3/16"
J4745	Socket, Screwdriver Bit Slotted 1/4" DR 1/4"
J4739-10W	Socket, Bit Torx® 1/4" DR T10
J4739-15W	Socket, Bit Torx® 1/4" DR T15
J4739-20W	Socket, Bit Torx® 1/4" DR T20
J4739-25W	Socket, Bit Torx® 1/4" DR T25
J4739-27W	Socket, Bit Torx® 1/4" DR T27
J4739-30W	Socket, Bit Torx® 1/4" DR T30
J47701/16	Socket, Hex Bit 1/4" DR 1/16"
J47701/8	Socket, Hex Bit 1/4" DR 1/8"
J47703/32	Socket, Hex Bit 1/4" DR 3/32"
J47705/64	Socket, Hex Bit 1/4" DR 5/64"
J47707/64	Socket, Hex Bit 1/4" DR 7/64"
J47709/64	Socket, Hex Bit 1/4" DR 9/64"
J4770-2M	Socket, Hex Bit 1/4" DR 2 mm
J4770-2.5M	Socket, Hex Bit 1/4" DR 2.5 mm
J4770-3M	Socket, Hex Bit 1/4" DR 3 mm
J4770-4M	Socket, Hex Bit 1/4" DR 4 mm
J4770-5M	Socket, Hex Bit 1/4" DR 5 mm
J4770-6M	Socket, Hex Bit 1/4" DR 6 mm

Contents	Description
J5239-40W	Socket, Bit Torx® 3/8" DR T40
J5239-45W	Socket, Bit Torx® 3/8" DR T45
J5239-50W	Socket, Bit Torx® 3/8" DR T50
J5239-55W	Socket, Bit Torx® 3/8" DR T55
J49905/32	Socket, Hex Bit 3/8" DR 5/32"
J49903/16	Socket, Hex Bit 3/8" DR 3/16"
J49907/32	Socket, Hex Bit 3/8" DR 7/32"
J49901/4	Socket, Hex Bit 3/8" DR 1/4"
J49903/8	Socket, Hex Bit 3/8" DR 3/8"
J49905/16	Socket, Hex Bit 3/8" DR 5/16"
J4990-7M	Socket, Hex Bit 3/8" 7 mm
J4990-8M	Socket, Hex Bit 3/8" 8 mm
J4990-10M	Socket, Hex Bit 3/8" 10 mm
J5242	Socket, Phillips Bit 3/8" DR #3
J2584	Socket Bar, 6-1/4"
J2585	Socket Bar, 9"
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR

Weight (lbs): 3.25

Torx® is a trademark of Acument Intellectual Properties, LLC

1/4" & 3/8" DRIVE 12 PIECE HEX BIT SET

Product #: J4770-12

HEX

INCH



Contents	Description
J47701/16	Socket, Hex Bit 1/4" DR 1/16"
J47701/8	Socket, Hex Bit 1/4" DR 1/8"
J47703/32	Socket, Hex Bit 1/4" DR 3/32"
J47705/64	Socket, Hex Bit 1/4" DR 5/64"
J47707/64	Socket, Hex Bit 1/4" DR 7/64"
J47709/64	Socket, Hex Bit 1/4" DR 9/64"
J49901/4	Socket, Hex Bit 3/8" DR 1/4"
J49903/16	Socket, Hex Bit 3/8" DR 3/16"
J49903/8	Socket, Hex Bit 3/8" DR 3/8"
J49905/16	Socket, Hex Bit 3/8" DR 5/16"
J49905/32	Socket, Hex Bit 3/8" DR 5/32"
J49907/32	Socket, Hex Bit 3/8" DR 7/32"
J2585	Socket Bar, 9"
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR

Weight (lbs): 1.23

1/4" & 3/8" DRIVE 10 PIECE TORX® BIT SET

Product #: J4740C



Contents	Description
J4739-10W	Socket, Bit Torx® 1/4" DR T10
J4739-15W	Socket, Bit Torx® 1/4" DR T15
J4739-20W	Socket, Bit Torx® 1/4" DR T20
J4739-25W	Socket, Bit Torx® 1/4" DR T25
J4739-27W	Socket, Bit Torx® 1/4" DR T27
J4739-30W	Socket, Bit Torx® 1/4" DR T30
J5239-40W	Socket, Bit Torx® 3/8" DR T40
J5239-45W	Socket, Bit Torx® 3/8" DR T45
J5239-50W	Socket, Bit Torx® 3/8" DR T50
J5239-55W	Socket, Bit Torx® 3/8" DR T55
J2585	Socket Bar, 9"
J2590	Socket Clip, 1/4" DR
J2591	Socket Clip, 3/8" DR

Weight (lbs): 0.96

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/4" DRIVE 51 PIECE SOCKET SET - 6 POINT

Product #: J47351S

6

INCH MM



Contents	Description
J4704	Socket, 1/4" DR 1/8" 6 PT
J4705	Socket, 1/4" DR 5/32" 6 PT
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J4718	Socket, 1/4" DR 9/16" 6 PT
J4704M	Socket, 1/4" DR 4 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J47055M	Socket, 1/4" DR 5.5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT
J4711M	Socket, 1/4" DR 11 mm 6 PT
J4712M	Socket, 1/4" DR 12 mm 6 PT
J4713M	Socket, 1/4" DR 13 mm 6 PT
J4706L	Socket, Deep 1/4" DR 3/16" 6 PT
J4707L	Socket, Deep 1/4" DR 7/32" 6 PT
J4708L	Socket, Deep 1/4" DR 1/4" 6 PT
J4709L	Socket, Deep 1/4" DR 9/32" 6 PT
J4710L	Socket, Deep 1/4" DR 5/16" 6 PT

Contents	Description
J4711L	Socket, Deep 1/4" DR 11/32" 6 PT
J4712L	Socket, Deep 1/4" DR 3/8" 6 PT
J4714L	Socket, Deep 1/4" DR 1/2" 6 PT
J4716L	Socket, Deep 1/4" DR 7/16" 6 PT
J4718L	Socket, Deep 1/4" DR 9/16" 6 PT
J4704LM	Socket, 1/4" DR Deep 4 mm 6 PT
J4705LM	Socket, Deep 1/4" DR 5 mm 6 PT
J47055LM	Socket, Deep 1/4" DR 5.5 mm 6 PT
J4706LM	Socket, Deep 1/4" DR 6 mm 6 PT
J4707LM	Socket, Deep 1/4" DR 7 mm 6 PT
J4708LM	Socket, Deep 1/4" DR 8 mm 6 PT
J4709LM	Socket, Deep 1/4" DR 9 mm 6 PT
J4710LM	Socket, Deep 1/4" DR 10 mm 6 PT
J4711LM	Socket, Deep 1/4" DR 11 mm 6 PT
J4712LM	Socket, Deep 1/4" DR 12 mm 6 PT
J4713LM	Socket, Deep 1/4" DR 13 mm 6 PT
J4749	Ratchet, Classic Pear Head 1/4" DR 5"
J4759	Extension, 1/4" DR 2"
J4760-04	Extension, 1/4" DR 4"
J4761	Extension, 1/4" DR 6"
J4762	Extension, 1/4" DR 10"
J4770A	Universal Joint, 1/4" DR
J4785	Handle, Sliding-T 1" DR
JBM1016	Blow Mold Case

Weight (lbs): 6.01

1/4"DRIVE 47 PIECE AEROSPACE SOCKET SET - 12 POINT

Product #: J47347AS

12

INCH MM



Contents	Description
J4706N	Socket, Int 1/4" DR 3/16" 12 PT
J4707N	Socket, Int 1/4" DR 7/32" 12 PT
J4708N	Socket, Int 1/4" DR 1/4" 12 PT
J4709N	Socket, Int 1/4" DR 9/32" 12 PT
J4710N	Socket, Int 1/4" DR 5/16" 12 PT
J4711N	Socket, Int 1/4" DR 11/32" 12 PT
J4712N	Socket, Int 1/4" DR 3/8" 12 PT
J4714N	Socket, Int 1/4" DR 7/16" 12 PT
J4716N	Socket, Int 1/4" DR 1/2" 12 PT
J4718N	Socket, Int 1/4" DR 9/16" 12 PT
J4705MN	Socket, Int 1/4" DR 5 mm 12 PT
J47055MN	Socket, Int 1/4" DR 5.5 mm 12 PT
J4706MN	Socket, Int 1/4" DR 6 mm 12 PT
J4707MN	Socket, Int 1/4" DR 7 mm 12 PT
J4708MN	Socket, Int 1/4" DR 8 mm 12 PT
J4709MN	Socket, Int 1/4" DR 9 mm 12 PT
J4710MN	Socket, Int 1/4" DR 10 mm 12 PT
J4711MN	Socket, Int 1/4" DR 11 mm 12 PT
J4712MN	Socket, Int 1/4" DR 12 mm 12 PT
J4713MN	Socket, Int 1/4" DR 13 mm 12 PT
J4714MN	Socket, Int 1/4" DR 14 mm 12 PT
J4706LT	Socket, Deep 1/4" DR 3/16" 12 PT
J4707LT	Socket, Deep 1/4" DR 7/32 12 PT
J4708LT	Socket, Deep 1/4" DR 1/4" 12 PT
J4709LT	Socket, Deep 1/4" DR 9/32" 12 PT

Contents	Description
J4710LT	Socket, Deep 1/4" DR 5/16" 12 PT
J4711LT	Socket, Deep 1/4" DR 11/32" 12 PT
J4712LT	Socket, Deep 1/4" DR 3/8" 12 PT
J4714LT	Socket, Deep 1/4" DR 7/16" 12 PT
J4716LT	Socket, Deep 1/4" DR 1/2" 12 PT
J4718LT	Socket, Deep 1/4" DR 9/16" 12 PT
J4705LTM	Socket, Deep 1/4" DR 5 mm 12 PT
J47055LTM	Socket, Deep 1/4" DR 5.5 mm 12 PT
J4706LTM	Socket, Deep 1/4" DR 6 mm 12 PT
J4707LTM	Socket, Deep 1/4" DR 7 mm 12 PT
J4708LTM	Socket, Deep 1/4" DR 8 mm 12 PT
J4709LTM	Socket, Deep 1/4" DR 9 mm 12 PT
J4710LTM	Socket, Deep 1/4" DR 10 mm 12 PT
J4711LTM	Socket, Deep 1/4" DR 11 mm 12 PT
J4712LTM	Socket, Deep 1/4" DR 12 mm 12 PT
J4713LTM	Socket, Deep 1/4" DR 13 mm 12 PT
J4714LTM	Socket, Deep 1/4" DR 14 mm 12 PT
J4749HTC	Ratchet, Precision 90 1/4" DR 4" Standard FP
J4759	Extension, 1/4" DR 2"
J4760-04	Extension, 1/4" DR 4"
J4761	Extension, 1/4" DR 6"
J4770A	Universal Joint, 1/4" DR
JBM1011	Blow Mold Case

Weight (lbs): 5.55

6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX FULL POLISH SATIN BLACK OXIDE INSULATED

1/4" DRIVE 37 PIECE COMBINATION SOCKET SET - 6 & 8 POINT

Product #: J47137S

6 8

INCH



Contents	Description
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J4718	Socket, 1/4" DR 9/16" 6 PT
J4706L	Socket, Deep 1/4" DR 3/16" 6 PT
J4707L	Socket, Deep 1/4" DR 7/32" 6 PT
J4708L	Socket, Deep 1/4" DR 1/4" 6 PT
J4709L	Socket, Deep 1/4" DR 9/32" 6 PT
J4710L	Socket, Deep 1/4" DR 5/16" 6 PT
J4711L	Socket, Deep 1/4" DR 11/32" 6 PT
J4712L	Socket, Deep 1/4" DR 3/8" 6 PT
J4714L	Socket, Deep 1/4" DR 1/2" 6 PT
J4716L	Socket, Deep 1/4" DR 7/16" 6 PT
J4718L	Socket, Deep 1/4" DR 9/16" 6 PT
J4708S	Socket, 1/4" DR 1/4" 8 PT
J4710S	Socket, 1/4" DR 5/16" 8 PT
J4712S	Socket, 1/4" DR 3/8" 8 PT
J4737	Socket, Phillips Bit 1/4" DR #1
J4738	Socket, Phillips Bit 1/4" DR #2
J4743	Socket, Screwdriver Bit Slotted 1/4" DR 1/4"
J4744	Socket, Screwdriver Bit Slotted 1/4" DR 3/16"
J4745	Socket, Screwdriver Bit Slotted 1/4" DR 1/4"
JD1402R	Socket Driver, 1/4" DR
J4759	Extension, 1/4" DR 2"
J4760	Extension, 1/4" DR 3"
J4761	Extension, 1/4" DR 6"
J4765	Extension, Flexible 1/4" DR 6-1/4"
J4770A	Universal Joint, 1/4" DR
J4766	Handle, Hinge 1/4" DR
J4785	Handle, Sliding-T 1" DR
J4749	Ratchet, Classic Pear Head 1/4" DR
JBM1018	Case, Blow Molded

Weight (lbs): 5.79

1/4"DRIVE 36 PIECE SOCKET SET - 6 POINT

Product #: J47336S

6

INCH MM



Contents	Description
J4704	Socket, 1/4" DR 1/8" 6 PT
J4705	Socket, 1/4" DR 5/32" 6 PT
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J4718	Socket, 1/4" DR 9/16" 6 PT
J4720A	Socket, 1/4" DR 5/8" 6 PT
J4704M	Socket, 1/4" DR 4 mm 6 PT
J47045M	Socket, 1/4" DR 4.5 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J47055M	Socket, 1/4" DR 5.5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT
J4711M	Socket, 1/4" DR 11 mm 6 PT
J4712M	Socket, 1/4" DR 12 mm 6 PT
J4713M	Socket, 1/4" DR 13 mm 6 PT
J4714M	Socket, 1/4" DR 14 mm 6 PT
J4715M	Socket, 1/4" DR 15 mm 6 PT
J4716M	Socket, 1/4" DR 16 mm 6 PT
J4708S	Socket, 1/4" DR 1/4" 8 PT
J4710S	Socket, 1/4" DR 5/16" 8 PT
J4712S	Socket, 1/4" DR 3/8" 8 PT
J4749	Ratchet, Classic Pear Head 1/4" DR 5"
J4761	Extension, 1/4" DR 6"
J4770A	Universal Joint, 1/4" DR
J4785	Handle, Sliding-T 1" DR
JD1402R	Socket Driver, 1/4" DR
JBM1015	Blow Mold Case

Weight (lbs):3.08

1/4" DRIVE 25 PIECE COMBINATION SOCKET SET - 12 POINT

Product #: J47125T

12

INCH



Contents	Description
J4706T	Socket, 1/4" DR 3/16 12 PT
J4707T	Socket, 1/4" DR 7/32 12 PT
J4708T	Socket, 1/4" DR 1/4" 12 PT
J4709T	Socket, 1/4" DR 9/32" 12 PT
J4710T	Socket, 1/4" DR 5/16" 12 PT
J4711T	Socket, 1/4" DR 11/32" 12 PT
J4712T	Socket, 1/4" DR 3/8" 12 PT
J4714T	Socket, 1/4" DR 7/16" 12 PT
J4716T	Socket, 1/4" DR 1/2" 12 PT
J4718T	Socket, 1/4" DR 9/16" 12 PT
J4707LT	Socket, Deep 1/4" DR 7/32 12 PT
J4708LT	Socket, Deep 1/4" DR 1/4" 12 PT
J4709LT	Socket, Deep 1/4" DR 9/32" 12 PT
J4710LT	Socket, Deep 1/4" DR 5/16" 12 PT
J4711LT	Socket, Deep 1/4" DR 11/32" 12 PT
J4712LT	Socket, Deep 1/4" DR 3/8" 12 PT
J4714LT	Socket, Deep 1/4" DR 7/16" 12 PT
J4716LT	Socket, Deep 1/4" DR 1/2" 12 PT
J4718LT	Socket, Deep 1/4" DR 9/16" 12 PT
JD1402R	Socket Driver, 1/4" DR
J4749	Ratchet, Classic Pear Head 1/4" DR 5"
J4759	Extension, 1/4" DR 2"
J4761	Extension, 1/4" DR 6"
J4770A	Universal Joint, 1/4" DR
JBM1020	Blow Mold Case

Weight (lbs): 2.85

1/4" DRIVE 25 PIECE COMBINATION SOCKET SET - 6 POINT

Product #: J47125S

6

INCH



Contents	Description
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J4718	Socket, 1/4" DR 9/16" 6 PT
J4706L	Socket, Deep 1/4" DR 3/16" 6 PT
J4707L	Socket, Deep 1/4" DR 7/32" 6 PT
J4708L	Socket, Deep 1/4" DR 1/4" 6 PT
J4709L	Socket, Deep 1/4" DR 9/32" 6 PT
J4710L	Socket, Deep 1/4" DR 5/16" 6 PT
J4711L	Socket, Deep 1/4" DR 11/32" 6 PT
J4712L	Socket, Deep 1/4" DR 3/8" 6 PT
J4714L	Socket, Deep 1/4" DR 1/2" 6 PT
J4716L	Socket, Deep 1/4" DR 7/16" 6 PT
J4718L	Socket, Deep 1/4" DR 9/16" 6 PT
JD1402R	Socket Driver, 1/4" DR
J4759	Extension, 1/4" DR 2"
J4761	Extension, 1/4" DR 6"
J4770A	Universal Joint, 1/4" DR
J4749	Ratchet, Classic Pear Head 1/4" DR
JBM1020	Case, Blow Molded

Weight (lbs): 3.98

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/4" DRIVE 24 PIECE AEROSPACE SOCKET SET - 12 POINT

Product #: J47324AS

12

INCH MM



Contents	Description
J4706N	Socket, Int 1/4" DR 3/16" 12 PT
J4707N	Socket, Int 1/4" DR 7/32" 12 PT
J4708N	Socket, Int 1/4" DR 1/4" 12 PT
J4709N	Socket, Int 1/4" DR 9/32" 12 PT
J4710N	Socket, Int 1/4" DR 5/16" 12 PT
J4711N	Socket, Int 1/4" DR 11/32" 12 PT
J4712N	Socket, Int 1/4" DR 3/8" 12 PT
J4714N	Socket, Int 1/4" DR 7/16" 12 PT
J4716N	Socket, Int 1/4" DR 1/2" 12 PT
J4718N	Socket, Int 1/4" DR 9/16" 12 PT
J47055MN	Socket, Int 1/4" DR 5 mm 12 PT
J4705MN	Socket, Int 1/4" DR 5.5 mm 12 PT
J4706MN	Socket, Int 1/4" DR 6 mm 12 PT
J4707MN	Socket, Int 1/4" DR 7 mm 12 PT
J4708MN	Socket, Int 1/4" DR 8 mm 12 PT
J4709MN	Socket, Int 1/4" DR 9 mm 12 PT
J4710MN	Socket, Int 1/4" DR 10 mm 12 PT
J4711MN	Socket, Int 1/4" DR 11 mm 12 PT
J4712MN	Socket, Int 1/4" DR 12 mm 12 PT
J4713MN	Socket, Int 1/4" DR 13 mm 12 PT
J4714MN	Socket, Int 1/4" DR 14 mm 12 PT
J4749MAX	Ratchet, Elite 90 1/4" DR 5" Standard FP
J4761	Extension, 1/4" DR 6"
J4770A	Universal Joint, 1/4" DR
JBM1010	Blow Mold Case

Weight (lbs): 2.05

1/4" DRIVE 22 PIECE SOCKET SET - 6 POINT

Product #: J47322S

6

INCH MM



Contents	Description
J4705	Socket, 1/4" DR 5/32" 6 PT
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J47045M	Socket, 1/4" DR 4.5 mm 6 PT
J4704M	Socket, 1/4" DR 4 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J47055M	Socket, 1/4" DR 5.5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT
J4749	Ratchet, Classic Pear Head 1/4" DR 5"
J4761	Extension, 1/4" DR 6"
J4770A	Universal Joint, 1/4" DR
J4785	Handle, Sliding-T 1" DR
JBM1014	Blow Mold Case

Weight (lbs): 1.65

1/4" DRIVE 22 PIECE COMBINATION SOCKET SET - 6 POINT

Product #: J52219

6

INCH MM

Contents	Description
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J4718	Socket, 1/4" DR 9/16" 6 PT
J4704M	Socket, 1/4" DR 4 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J47055M	Socket, 1/4" DR 5.5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT
J4711M	Socket, 1/4" DR 11 mm 6 PT
J4712M	Socket, 1/4" DR 12 mm 6 PT
J4713M	Socket, 1/4" DR 13 mm 6 PT
J4714M	Socket, 1/4" DR 14 mm 6 PT
J2584	Socket Bar, 6-1/4"
J2585	Socket Bar, 9"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 1.37



1/4" DRIVE 14 PIECE METRIC SOCKET SET - 6 POINT

Product #: J47214S

6

MM

Contents	Description
J4704M	Socket, 1/4" DR 4 mm 6 PT
J47045M	Socket, 1/4" DR 4.5 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J47055M	Socket, 1/4" DR 5.5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT
J4711M	Socket, 1/4" DR 11 mm 6 PT
J4712M	Socket, 1/4" DR 12 mm 6 PT
J4760	Extension, 1/4" DR 3"
J4770A	Universal Joint, 1/4" DR
J4749	Ratchet, Classic Pear Head 1/4" DR
JBM1013	Case, Blow Molded

Weight (lbs): 2.58



6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/4" DRIVE 15 PIECE AEROSPACE SOCKET SETS - 12 POINT

Product #: J47115AS

12

INCH

Contents	Description
J4706N	Socket, Int 1/4" DR 3/16" 12 PT
J4707N	Socket, Int 1/4" DR 7/32" 12 PT
J4708N	Socket, Int 1/4" DR 1/4" 12 PT
J4709N	Socket, Int 1/4" DR 9/32" 12 PT
J4710N	Socket, Int 1/4" DR 5/16" 12 PT
J4711N	Socket, Int 1/4" DR 11/32" 12 PT
J4712N	Socket, Int 1/4" DR 3/8" 12 PT
J4714N	Socket, Int 1/4" DR 7/16" 12 PT
J4716N	Socket, Int 1/4" DR 1/2" 12 PT
J4718N	Socket, Int 1/4" DR 9/16" 12 PT
J4749MAX	Ratchet, Elite 90 1/4" DR 5" Standard FP
J4759	Extension, 1/4" DR 2"
J4760-04	Extension, 1/4" DR 4"
J4761	Extension, 1/4" DR 6"
J4770A	Universal Joint, 1/4" DR
JBM1009	Blow Mold Case

Weight (lbs): 2.73



1/4" DRIVE 14 PIECE SOCKET SET

Product #: J47114S

6

INCH

Contents	Description
J4704	Socket, 1/4" DR 3/16" 6 PT
J4705	Socket, 1/4" DR 7/32" 6 PT
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J4770A	Universal Joint, 1/4" DR
J4760	Extension, 1/4" DR 3"
J4749	Ratchet, Classic Pear Head 1/4" DR
JBM1012	Case, Blow Molded

Weight (lbs): 1.62



1/4" DRIVE 12 PIECE METRIC SOCKET SETS - 6 POINT

Product #: J47200

6 MM



Contents	Description
J4704M	Socket, 1/4" DR 4 mm 6 PT
J4705M	Socket, 1/4" DR 5 mm 6 PT
J47055M	Socket, 1/4" DR 5.5 mm 6 PT
J4706M	Socket, 1/4" DR 6 mm 6 PT
J4707M	Socket, 1/4" DR 7 mm 6 PT
J4708M	Socket, 1/4" DR 8 mm 6 PT
J4709M	Socket, 1/4" DR 9 mm 6 PT
J4710M	Socket, 1/4" DR 10 mm 6 PT
J4711M	Socket, 1/4" DR 11 mm 6 PT
J4712M	Socket, 1/4" DR 12 mm 6 PT
J4713M	Socket, 1/4" DR 13 mm 6 PT
J4714M	Socket, 1/4" DR 14 mm 6 PT
J2585	Socket Bar, 9"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 1.10

Product #: J47202

6 MM



Contents	Description
J4704LM	Socket, Deep 1/4" DR 4 mm 6 PT
J4705LM	Socket, Deep 1/4" DR 5 mm 6 PT
J47055LM	Socket, Deep 1/4" DR 5.5 mm 6 PT
J4706LM	Socket, Deep 1/4" DR 6 mm 6 PT
J4707LM	Socket, Deep 1/4" DR 7 mm 6 PT
J4708LM	Socket, Deep 1/4" DR 8 mm 6 PT
J4709LM	Socket, Deep 1/4" DR 9 mm 6 PT
J4710LM	Socket, Deep 1/4" DR 10 mm 6 PT
J4711LM	Socket, Deep 1/4" DR 11 mm 6 PT
J4712LM	Socket, Deep 1/4" DR 12 mm 6 PT
J4713LM	Socket, Deep 1/4" DR 13 mm 6 PT
J4714LM	Socket, Deep 1/4" DR 14 mm 6 PT
J2585	Socket Bar, 9"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 1.10

1/4" DRIVE 11 PIECE METRIC SOCKET SETS - 12 POINT

Product #: J47201

12 MM

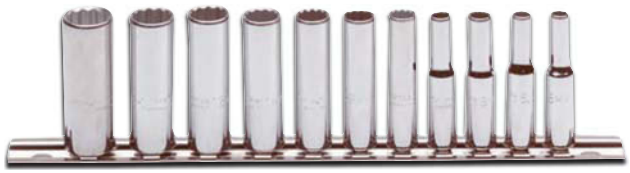


Contents	Description
J4705TM	Socket, 1/4" DR 5 mm 12 PT
J47055TM	Socket, 1/4" DR 5.5 mm 12 PT
J4706TM	Socket, 1/4" DR 6 mm 12 PT
J4707TM	Socket, 1/4" DR 7 mm 12 PT
J4708TM	Socket, 1/4" DR 8 mm 12 PT
J4709TM	Socket, 1/4" DR 9 mm 12 PT
J4710TM	Socket, 1/4" DR 10 mm 12 PT
J4711TM	Socket, 1/4" DR 11 mm 12 PT
J4712TM	Socket, 1/4" DR 12 mm 12 PT
J4713TM	Socket, 1/4" DR 13 mm 12 PT
J4714TM	Socket, 1/4" DR 14 mm 12 PT
J2585	Socket Bar, 9"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 1.03 ASME B107.110-2012

Product #: J47203

12 MM



Contents	Description
J4705LTM	Socket, Deep 1/4" DR 5 mm 12 PT
J47055LTM	Socket, Deep 1/4" DR 5.5 mm 12 PT
J4706LTM	Socket, Deep 1/4" DR 6 mm 12 PT
J4707LTM	Socket, Deep 1/4" DR 7 mm 12 PT
J4708LTM	Socket, Deep 1/4" DR 8 mm 12 PT
J4709LTM	Socket, Deep 1/4" DR 9 mm 12 PT
J4710LTM	Socket, Deep 1/4" DR 10 mm 12 PT
J4711LTM	Socket, Deep 1/4" DR 11 mm 12 PT
J4712LTM	Socket, Deep 1/4" DR 12 mm 12 PT
J4713LTM	Socket, Deep 1/4" DR 13 mm 12 PT
J4714LTM	Socket, Deep 1/4" DR 14 mm 12 PT
J2585	Socket Bar, 9"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.56 ASME B107.110-2012

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/4" DRIVE 10 PIECE SOCKET SETS - 6 POINT

Product #: J47106

6

INCH



Contents	Description
J4706	Socket, 1/4" DR 3/16" 6 PT
J4707	Socket, 1/4" DR 7/32" 6 PT
J4708	Socket, 1/4" DR 1/4" 6 PT
J4709	Socket, 1/4" DR 9/32" 6 PT
J4710	Socket, 1/4" DR 5/16" 6 PT
J4711	Socket, 1/4" DR 11/32" 6 PT
J4712	Socket, 1/4" DR 3/8" 6 PT
J4714	Socket, 1/4" DR 7/16" 6 PT
J4716	Socket, 1/4" DR 1/2" 6 PT
J4718	Socket, 1/4" DR 9/16" 6 PT
J2584	Socket Bar, 6-1/4"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.48

Product #: J47102

6

INCH



Contents	Description
J4706L	Socket, Deep 1/4" DR 3/16" 6 PT
J4707L	Socket, Deep 1/4" DR 7/32" 6 PT
J4708L	Socket, Deep 1/4" DR 1/4" 6 PT
J4709L	Socket, Deep 1/4" DR 9/32" 6 PT
J4710L	Socket, Deep 1/4" DR 5/16" 6 PT
J4711L	Socket, Deep 1/4" DR 11/32" 6 PT
J4712L	Socket, Deep 1/4" DR 3/8" 6 PT
J4714L	Socket, Deep 1/4" DR 1/2" 6 PT
J4716L	Socket, Deep 1/4" DR 7/16" 6 PT
J4718L	Socket, Deep 1/4" DR 9/16" 6 PT
J2584	Socket Bar, 6-1/4"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.87

1/4" DRIVE 10 PIECE SOCKET SETS - 12 POINT

Product #: J47104

12

INCH



Contents	Description
J4706T	Socket, 1/4" DR 3/16" 12 PT
J4707T	Socket, 1/4" DR 7/32" 12 PT
J4708T	Socket, 1/4" DR 1/4" 12 PT
J4709T	Socket, 1/4" DR 9/32" 12 PT
J4710T	Socket, 1/4" DR 5/16" 12 PT
J4711T	Socket, 1/4" DR 11/32" 12 PT
J4712T	Socket, 1/4" DR 3/8" 12 PT
J4714T	Socket, 1/4" DR 7/16" 12 PT
J4716T	Socket, 1/4" DR 1/2" 12 PT
J4718T	Socket, 1/4" DR 9/16" 12 PT
J2584	Socket Bar, 6-1/4"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.42 ASME B107.110-2012

Product #: J47100

12

INCH



Contents	Description
J4706LT	Socket, Deep 1/4" DR 3/16" 12 PT
J4707LT	Socket, Deep 1/4" DR 7/32 12 PT
J4708LT	Socket, Deep 1/4" DR 1/4" 12 PT
J4709LT	Socket, Deep 1/4" DR 9/32" 12 PT
J4710LT	Socket, Deep 1/4" DR 5/16" 12 PT
J4711LT	Socket, Deep 1/4" DR 11/32" 12 PT
J4712LT	Socket, Deep 1/4" DR 3/8" 12 PT
J4714LT	Socket, Deep 1/4" DR 7/16" 12 PT
J4716LT	Socket, Deep 1/4" DR 1/2" 12 PT
J4718LT	Socket, Deep 1/4" DR 9/16" 12 PT
J2584	Socket Bar, 6-1/4"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.79 ASME B107.110-2012

1/4" DRIVE 12 PIECE METRIC UNIVERSAL SOCKET SET - 6 POINT

Product #: J47205

6

MM

Contents	Description
J4805AM	Socket, Universal 1/4" DR 5 mm 6 PT
J48055AM	Socket, Universal 1/4" DR 5.5 mm 6 PT
J4806AM	Socket, Universal 1/4" DR 6 mm 6 PT
J4807AM	Socket, Universal 1/4" DR 7 mm 6 PT
J4808AM	Socket, Universal 1/4" DR 8 mm 6 PT
J4809AM	Socket, Universal 1/4" DR 9 mm 6 PT
J4810AM	Socket, Universal 1/4" DR 10 mm 6 PT
J4811AM	Socket, Universal 1/4" DR 11 mm 6 PT
J4812AM	Socket, Universal 1/4" DR 12 mm 6 PT
J4813AM	Socket, Universal 1/4" DR 13 mm 6 PT
J4814AM	Socket, Universal 1/4" DR 14 mm 6 PT
J4815AM	Socket, Universal 1/4" DR 15 mm 6 PT
J2585	Socket Bar, 9"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.67



1/4" DRIVE 9 PIECE UNIVERSAL SOCKET SET - 12 POINT

Product #: J47107

12

INCH

Contents	Description
J4770TA	Socket, Universal 1/4" DR 7/32" 12 PT
J4771TA	Socket, Universal 1/4" DR 1/4" 12 PT
J4772TA	Socket, Universal 1/4" DR 5/16" 12 PT
J4773TA	Socket, Universal 1/4" DR 3/8" 12 PT
J4774TA	Socket, Universal 1/4" DR 7/16" 12 PT
J4775TA	Socket, Universal 1/4" DR 1/2" 12 PT
J4776TA	Socket, Universal 1/4" DR 9/16" 12 PT
J4777TA	Socket, Universal 1/4" DR 9/32" 12 PT
J4778TA	Socket, Universal 1/4" DR 11/32" 12 PT
J2584	Socket Bar, 6-1/4"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.47



6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

Torx® is a trademark of Acument Intellectual Properties, LLC

1/4" DRIVE 5 PIECE UNIVERSAL SOCKET SET - 12 POINT

Product #: J47105

12

INCH

Contents	Description
J4771TA	Socket, Universal 1/4" DR 1/4" 12 PT
J4772TA	Socket, Universal 1/4" DR 5/16" 12 PT
J4773TA	Socket, Universal 1/4" DR 3/8" 12 PT
J4774TA	Socket, Universal 1/4" DR 7/16" 12 PT
J4775TA	Socket, Universal 1/4" DR 1/2" 12 PT
J2584	Socket Bar, 6-1/4"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.32



1/4" DRIVE 6 PIECE TORX® BIT SET

Product #: J4739C

Contents	Description
J4739-10W	Socket, Bit Torx® 1/4" DR T10
J4739-15W	Socket, Bit Torx® 1/4" DR T15
J4739-20W	Socket, Bit Torx® 1/4" DR T20
J4739-25W	Socket, Bit Torx® 1/4" DR T25
J4739-27W	Socket, Bit Torx® 1/4" DR T27
J4739-30W	Socket, Bit Torx® 1/4" DR T30
J2584	Socket Bar, 6-1/4"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.38



1/4" DRIVE 11 PIECE HEX BIT SET

Product #: J4770-11

HEX

INCH

Contents	Description
J47701/16	Socket, Hex Bit 1/4" DR 1/16"
J47705/64	Socket, Hex Bit 1/4" DR 5/64"
J47703/32	Socket, Hex Bit 1/4" DR 3/32"
J47707/64	Socket, Hex Bit 1/4" DR 7/64"
J47701/8	Socket, Hex Bit 1/4" DR 1/8"
J47709/64	Socket, Hex Bit 1/4" DR 9/64"
J47705/32	Socket, Hex Bit 1/4" DR 5/32"



Contents	Description
J47703/16	Socket, Hex Bit 1/4" DR 3/16"
J47707/32	Socket, Hex Bit 1/4" DR 7/32"
J47701/4	Socket, Hex Bit 1/4" DR 1/4"
J47705/16	Socket, Hex Bit 1/4" DR 5/16"
J2584	Socket Bar, 6-1/4"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.64

1/4" DRIVE 8 PIECE HEX BIT BALL END SOCKET SET

Product #: J4770-8B

HEX

INCH



Contents	Description
J47703/32B	Socket, Hex Bit Ball End 1/4" DR 3/32"
J47707/64B	Socket, Hex Bit Ball End 1/4" DR 7/64"
J47701/8B	Socket, Hex Bit Ball End 1/4" DR 1/8"
J47709/64B	Socket, Hex Bit Ball End 1/4" DR 9/64"
J47705/32B	Socket, Hex Bit Ball End 1/4" DR 5/32"
J47703/16B	Socket, Hex Bit Ball End 1/4" DR 3/16"

Contents	Description
J47707/32B	Socket, Hex Bit Ball End 1/4" DR 7/32"
J47701/4B	Socket, Hex Bit Ball End 1/4" DR 1/4"
J2584	Socket Bar, 6-1/4"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.49

1/4" DRIVE 6 PIECE METRIC HEX BIT SET

Product #: J4770-6

HEX

MM



Contents	Description
J4770-2M	Socket, Hex Bit 1/4" DR 2 mm
J4770-2.5M	Socket, Hex Bit 1/4" DR 2.5 mm
J4770-3M	Socket, Hex Bit 1/4" DR 3 mm
J4770-4M	Socket, Hex Bit 1/4" DR 4 mm
J4770-5M	Socket, Hex Bit 1/4" DR 5 mm

Contents	Description
J4770-6M	Socket, Hex Bit 1/4" DR 6 mm
J2584	Socket Bar, 6-1/4"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.41

1/4" DRIVE 8 PIECE METRIC ADVANCED HEX BIT SOCKET SET

Product #: J7440R8MM

HEX

MM



Description
Socket, Advanced Hex Bit 1/4" DR 1.5 mm
Socket, Advanced Hex Bit 1/4" DR 2 mm
Socket, Advanced Hex Bit 1/4" DR 2.5 mm
Socket, Advanced Hex Bit 1/4" DR 3 mm

Description
Socket, Advanced Hex Bit 1/4" DR 4 mm
Socket, Advanced Hex Bit 1/4" DR 5 mm
Socket, Advanced Hex Bit 1/4" DR 6 mm
Socket, Advanced Hex Bit 1/4" DR 7 mm

Weight (lbs): 0.43

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

Torx® is a trademark of Acument Intellectual Properties, LLC

3/8" DRIVE 63 PIECE AEROSPACE SOCKET SET - 12 POINT

Product #: J52363S

6 12

INCH MM



Contents	Description
J5208H	Socket, 3/8" DR 1/4" 6 PT
J5210H	Socket, 3/8" DR 5/16" 6 PT
J5211H	Socket, 3/8" DR 11/32" 6 PT
J5212H	Socket, 3/8" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J5222H	Socket, 3/8" DR 11/16" 6 PT
J5224H	Socket, 3/8" DR 3/4" 6 PT
J5226H	Socket, 3/8" DR 13/16" 6 PT
J5228H	Socket, 3/8" DR 7/8" 6 PT
J5230H	Socket, 3/8" DR 15/16" 6 PT
J5232H	Socket, 3/8" DR 1" 6 PT
J52055MH	Socket, 3/8" DR 5.5 mm 6 PT
J5206MH	Socket, 3/8" DR 6 mm 6 PT
J5207MH	Socket, 3/8" DR 7 mm 6 PT
J5208MH	Socket, 3/8" DR 8 mm 6 PT
J5209MH	Socket, 3/8" DR 9 mm 6 PT
J5210MH	Socket, 3/8" DR 10 mm 6 PT
J5211MH	Socket, 3/8" DR 11 mm 6 PT
J5212MH	Socket, 3/8" DR 12 mm 6 PT
J5213MH	Socket, 3/8" DR 13 mm 6 PT
J5214MH	Socket, 3/8" DR 14 mm 6 PT
J5215MH	Socket, 3/8" DR 15 mm 6 PT
J5216MH	Socket, 3/8" DR 16 mm 6 PT
J5217MH	Socket, 3/8" DR 17 mm 6 PT
J5218MH	Socket, 3/8" DR 18 mm 6 PT
J5219MH	Socket, 3/8" DR 19 mm 6 PT
J5010	Socket, Deep 3/8" DR 5/16" 12 PT
J5011	Socket, Deep 3/8" DR 11/32 12 PT
J5012	Socket, Deep 3/8" DR 3/8" 12 PT

Contents	Description
J5014	Socket, Deep 3/8" DR 7/16" 12 PT
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J5020	Socket, Deep 3/8" DR 5/8" 12 PT
J5022	Socket, Deep 3/8" DR 11/16" 12 PT
J5024	Socket, Deep 3/8" DR 3/4" 12 PT
J5026	Socket, Deep 3/8" DR 13/16" 12 PT
J5028	Socket, Deep 3/8" DR 7/8" 12 PT
J5030	Socket, Deep 3/8" DR 15/16" 12 PT
J5032	Socket, Deep 3/8" DR 1" 12 PT
J5006M	Socket, Deep 3/8" DR 6 mm 12 PT
J5007M	Socket, Deep 3/8" DR 7 mm 12 PT
J5008M	Socket, Deep 3/8" DR 8 mm 12 PT
J5009M	Socket, Deep 3/8" DR 9 mm 12 PT
J5010M	Socket, Deep 3/8" DR 10 mm 12 PT
J5011M	Socket, Deep 3/8" DR 11 mm 12 PT
J5012M	Socket, Deep 3/8" DR 12 mm 12 PT
J5013M	Socket, Deep 3/8" DR 13 mm 12 PT
J5014M	Socket, Deep 3/8" DR 14 mm 12 PT
J5015M	Socket, Deep 3/8" DR 15 mm 12 PT
J5016M	Socket, Deep 3/8" DR 16 mm 12 PT
J5017M	Socket, Deep 3/8" DR 17 mm 12 PT
J5018M	Socket, Deep 3/8" DR 18 mm 12 PT
J5019M	Socket, Deep 3/8" DR 19 mm 12 PT
J5020M	Socket, Deep 3/8" DR 20 mm 12 PT
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5262	Extension, 3/8" DR 12"
J5270A	Universal Joint, 3/8" DR
JBM1117	Blow Mold Case

Weight (lbs): 14.50

3/8" DRIVE 58 PIECE COMBINATION SOCKET SET - 8 & 12 POINT

Product #: J52140A
Tools Only: J52142

8 12

INCH





Contents	Description
J5208S	Socket, 3/8" DR 1/4" 8 PT
J5210S	Socket, 3/8" DR 5/16" 8 PT
J5212S	Socket, 3/8" DR 3/8" 8 PT
J5214S	Socket, 3/8" DR 7/16" 8 PT
J5216S	Socket, 3/8" DR 1/2" 8 PT
J5208	Socket, 3/8" DR 1/4" 12 PT
J5210	Socket, 3/8" DR 5/16" 12 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J5226	Socket, 3/8" DR 13/16" 12 PT
J5228	Socket, 3/8" DR 7/8" 12 PT
J5230	Socket, 3/8" DR 15/16" 12 PT
J5232	Socket, 3/8" DR 1" 12 PT
J5008	Socket, Deep 3/8" DR 1/4" 12 PT
J5010	Socket, Deep 3/8" DR 5/16" 12 PT
J5012	Socket, Deep 3/8" DR 3/8" 12 PT
J5014	Socket, Deep 3/8" DR 7/16" 12 PT
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J5020	Socket, Deep 3/8" DR 5/8" 12 PT
J5022	Socket, Deep 3/8" DR 11/16" 12 PT
J5024	Socket, Deep 3/8" DR 3/4" 12 PT
J5026	Socket, Deep 3/8" DR 13/16" 12 PT
J5028	Socket, Deep 3/8" DR 7/8" 12 PT
J5030	Socket, Deep 3/8" DR 15/16" 12 PT
J5032	Socket, Deep 3/8" DR 1" 12 PT

Contents	Description
J5273A	Socket, 3/8" DR Universal 3/8" 12 PT
J5274A	Socket, 3/8" DR Universal 7/16" 12 PT
J5275A	Socket, 3/8" DR Universal 1/2" 12 PT
J5276A	Socket, 3/8" DR Universal 9/16" 12 PT
J5277A	Socket, 3/8" DR Universal 5/8" 12 PT
J5278A	Socket, 3/8" DR Universal 11/16" 12 PT
J5279A	Socket, 3/8" DR Universal 3/4" 12 PT
J49901/8	Socket, Hex Bit 3/8" DR 1/8"
J49905/32	Socket, Hex Bit 3/8" DR 5/32"
J49903/16	Socket, Hex Bit 3/8" DR 3/16"
J49907/32	Socket, Hex Bit 3/8" DR 7/32"
J49901/4	Socket, Hex Bit 3/8" DR 1/4"
J49905/16	Socket, Hex Bit 3/8" DR 5/16"
J49903/8	Socket, Hex Bit 3/8" DR 3/8"
J5241	Socket, Phillips Bit 3/8" DR #2
J5242	Socket, Phillips Bit 3/8" DR #3
J5243	Socket, Phillips Bit 3/8" DR #4
J5246	Socket, Bit Screwdriver Slotted 3/8" DR 1/4"
J5270A	Universal Joint, 3/8" DR
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5262	Extension, 3/8" DR 12"
J5265	Handle, Hinge 3/8" DR
J5280G	Handle, Speed 1/4" DR 15-1/2"
J5285	Handle, Sliding-T 3/4" DR
J5247	Ratchet, Adapter 3/8" DR
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J9977R	Box, Mechanic with Tray, 19"

Weight (lbs): 22.67

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

3/8" DRIVE 57 PIECE METRIC COMBINATION SOCKET SET - 12 POINT

Product #: J52226A
Tools Only: J52228

12 HEX

MM



Contents	Description
J5206M	Socket, 3/8" DR 6 mm 12 PT
J5207M	Socket, 3/8" DR 7 mm 12 PT
J5208M	Socket, 3/8" DR 8 mm 12 PT
J5209M	Socket, 3/8" DR 9 mm 12 PT
J5210M	Socket, 3/8" DR 10 mm 12 PT
J5211M	Socket, 3/8" DR 11 mm 12 PT
J5212M	Socket, 3/8" DR 12 mm 12 PT
J5213M	Socket, 3/8" DR 13 mm 12 PT
J5214M	Socket, 3/8" DR 14 mm 12 PT
J5215M	Socket, 3/8" DR 15 mm 12 PT
J5216M	Socket, 3/8" DR 16 mm 12 PT
J5217M	Socket, 3/8" DR 17 mm 12 PT
J5218M	Socket, 3/8" DR 18 mm 12 PT
J5219M	Socket, 3/8" DR 19 mm 12 PT
J5220M	Socket, 3/8" DR 20 mm 12 PT
J5221M	Socket, 3/8" DR 21 mm 12 PT
J5222M	Socket, 3/8" DR 22 mm 12 PT
J5272AM	Socket, Universal 3/8" DR 9 mm 12 PT
J5273AM	Socket, Universal 3/8" DR 10 mm 12 PT
J5274AM	Socket, Universal 3/8" DR 11 mm 12 PT
J5275AM	Socket, Universal 3/8" DR 12 mm 12 PT
J5276AM	Socket, Universal 3/8" DR 13 mm 12 PT
J5277AM	Socket, Universal 3/8" DR 14 mm 12 PT
J5278AM	Socket, Universal 3/8" DR 15 mm 12 PT
J4990-4M	Socket, Hex Bit 3/8" 4 mm
J4990-5M	Socket, Hex Bit 3/8" 5 mm
J4990-6M	Socket, Hex Bit 3/8" 6 mm
J4990-7M	Socket, Hex Bit 3/8" 7 mm
J4990-8M	Socket, Hex Bit 3/8" 8 mm
J4990-10M	Socket, Hex Bit 3/8" 10 mm

Contents	Description
J5006M	Socket, Deep 3/8" DR 6 mm 12 PT
J5007M	Socket, Deep 3/8" DR 7 mm 12 PT
J5008M	Socket, Deep 3/8" DR 8 mm 12 PT
J5009M	Socket, Deep 3/8" DR 9 mm 12 PT
J5010M	Socket, Deep 3/8" DR 10 mm 12 PT
J5011M	Socket, Deep 3/8" DR 11 mm 12 PT
J5012M	Socket, Deep 3/8" DR 12 mm 12 PT
J5013M	Socket, Deep 3/8" DR 13 mm 12 PT
J5014M	Socket, Deep 3/8" DR 14 mm 12 PT
J5015M	Socket, Deep 3/8" DR 15 mm 12 PT
J5016M	Socket, Deep 3/8" DR 16 mm 12 PT
J5017M	Socket, Deep 3/8" DR 17 mm 12 PT
J5018M	Socket, Deep 3/8" DR 18 mm 12 PT
J5019M	Socket, Deep 3/8" DR 19 mm 12 PT
J5241	Socket, Phillips Bit 3/8" DR #2
J5242	Socket, Phillips Bit 3/8" DR #3
J5243	Socket, Phillips Bit 3/8" DR #4
J5246	Socket, Bit Screwdriver Slotted 3/8" DR 1/4"
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5262	Extension, 3/8" DR 12"
J5270A	Universal Joint, 3/8" DR
J5247	Ratchet, Adapter 3/8" DR
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5265	Handle, Hinge 3/8" DR
J5280G	Handle, Speed 1/4" DR 15-1/2"
J5285	Handle, Sliding-T 3/4" DR
J9977R	Box, Mechanic w/ Tray, 19"

Weight (lbs): 22.50

3/8" DRIVE 53 PIECE AEROSPACE SOCKET SET - 12 POINT

Product #: J52353AS

12

INCH MM



Contents	Description
J5208N	Socket, Int 3/8" DR 1/4" 12 PT
J5209N	Socket, Int 3/8" DR 9/32" 12 PT
J5210N	Socket, Int 3/8" DR 5/16" 12 PT
J5211N	Socket, Int 3/8" DR 11/32" 12 PT
J5212N	Socket, Int 3/8" DR 3/8" 12 PT
J5214N	Socket, Int 3/8" DR 7/16" 12 PT
J5216N	Socket, Int 3/8" DR 1/2" 12 PT
J5218N	Socket, Int 3/8" DR 9/16" 12 PT
J5220N	Socket, Int 3/8" DR 5/8" 12 PT
J5222N	Socket, Int 3/8" DR 11/16" 12 PT
J5224N	Socket, Int 3/8" DR 3/4" 12 PT
J5206MN	Socket, Int 3/8" DR 6 mm 12 PT
J5207MN	Socket, Int 3/8" DR 7 mm 12 PT
J5208MN	Socket, Int 3/8" DR 8 mm 12 PT
J5209MN	Socket, Int 3/8" DR 9 mm 12 PT
J5210MN	Socket, Int 3/8" DR 10 mm 12 PT
J5211MN	Socket, Int 3/8" DR 11 mm 12 PT
J5212MN	Socket, Int 3/8" DR 12 mm 12 PT
J5213MN	Socket, Int 3/8" DR 13 mm 12 PT
J5214MN	Socket, Int 3/8" DR 14 mm 12 PT
J5215MN	Socket, Int 3/8" DR 15 mm 12 PT
J5216MN	Socket, Int 3/8" DR 16 mm 12 PT
J5217MN	Socket, Int 3/8" DR 17 mm 12 PT
J5218MN	Socket, Int 3/8" DR 18 mm 12 PT
J5219MN	Socket, Int 3/8" DR 19 mm 12 PT
J5008	Socket, Deep 3/8" DR 1/4" 12 PT
J5010	Socket, Deep 3/8" DR 5/16" 12 PT
J5011	Socket, Deep 3/8" DR 11/32 12 PT
J5012	Socket, Deep 3/8" DR 3/8" 12 PT
J5014	Socket, Deep 3/8" DR 7/16" 12 PT

Contents	Description
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J5020	Socket, Deep 3/8" DR 5/8" 12 PT
J5022	Socket, Deep 3/8" DR 11/16" 12 PT
J5024	Socket, Deep 3/8" DR 3/4" 12 PT
J5006M	Socket, Deep 3/8" DR 6 mm 12 PT
J5007M	Socket, Deep 3/8" DR 7 mm 12 PT
J5008M	Socket, Deep 3/8" DR 8 mm 12 PT
J5009M	Socket, Deep 3/8" DR 9 mm 12 PT
J5010M	Socket, Deep 3/8" DR 10 mm 12 PT
J5011M	Socket, Deep 3/8" DR 11 mm 12 PT
J5012M	Socket, Deep 3/8" DR 12 mm 12 PT
J5013M	Socket, Deep 3/8" DR 13 mm 12 PT
J5014M	Socket, Deep 3/8" DR 14 mm 12 PT
J5015M	Socket, Deep 3/8" DR 15 mm 12 PT
J5016M	Socket, Deep 3/8" DR 16 mm 12 PT
J5017M	Socket, Deep 3/8" DR 17 mm 12 PT
J5018M	Socket, Deep 3/8" DR 18 mm 12 PT
J5019M	Socket, Deep 3/8" DR 19 mm 12 PT
J5249MAX	Ratchet, Elite 90 3/8 DR 7" Standard FP
J5260-06	Extension, 3/8" DR 6"
J5261	Extension, 3/8" DR 8"
J5270A	Universal Joint, 3/8" DR
JBM1110	Blow Mold Case

Weight (lbs):11.81

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

3/8" DRIVE 34 PIECE COMBINATION SOCKET SETS - 12 POINT

Product #: J52230-1A
Tools Only: J52230

12

INCH MM



Contents	Description
J5210	Socket, 3/8" DR 5/16" 12 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J5226	Socket, 3/8" DR 13/16" 12 PT
J5228	Socket, 3/8" DR 7/8" 12 PT
J5012	Socket, Deep 3/8" DR 3/8" 12 PT
J5014	Socket, Deep 3/8" DR 7/16" 12 PT
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J5020	Socket, Deep 3/8" DR 5/8" 12 PT
J5022	Socket, Deep 3/8" DR 11/16" 12 PT
J5024	Socket, Deep 3/8" DR 3/4" 12 PT
J5026	Socket, Deep 3/8" DR 13/16" 12 PT
J5028	Socket, Deep 3/8" DR 7/8" 12 PT

Contents	Description
J5208M	Socket, 3/8" DR 8 mm 12 PT
J5209M	Socket, 3/8" DR 9 mm 12 PT
J5210M	Socket, 3/8" DR 10 mm 12 PT
J5211M	Socket, 3/8" DR 11 mm 12 PT
J5212M	Socket, 3/8" DR 12 mm 12 PT
J5213M	Socket, 3/8" DR 13 mm 12 PT
J5214M	Socket, 3/8" DR 14 mm 12 PT
J5215M	Socket, 3/8" DR 15 mm 12 PT
J5217M	Socket, 3/8" DR 17 mm 12 PT
J5218M	Socket, 3/8" DR 18 mm 12 PT
J5219M	Socket, 3/8" DR 19 mm 12 PT
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5270A	Universal Joint, 3/8" DR
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J2591	Socket Clip, 3/8" DR
J2585	Socket Bar, 9"
J2586	Socket Bar, 13"
J9971R	Box, Mechanic w/ Tray, 19"

Weight (lbs): 5.93

3/8" DRIVE 34 PIECE METRIC SOCKET SET - 6 POINT

Product #: J52234S

6

MM



Contents	Description
J5206MH	Socket, 3/8" DR 6 mm 6 PT
J5207MH	Socket, 3/8" DR 7 mm 6 PT
J5208MH	Socket, 3/8" DR 8 mm 6 PT
J5209MH	Socket, 3/8" DR 9 mm 6 PT
J5210MH	Socket, 3/8" DR 10 mm 6 PT
J5211MH	Socket, 3/8" DR 11 mm 6 PT
J5212MH	Socket, 3/8" DR 12 mm 6 PT
J5213MH	Socket, 3/8" DR 13 mm 6 PT
J5214MH	Socket, 3/8" DR 14 mm 6 PT
J5215MH	Socket, 3/8" DR 15 mm 6 PT
J5216MH	Socket, 3/8" DR 16 mm 6 PT
J5217MH	Socket, 3/8" DR 17 mm 6 PT
J5218MH	Socket, 3/8" DR 18 mm 6 PT
J5219MH	Socket, 3/8" DR 19 mm 6 PT
J5006MH	Socket, Deep 3/8" DR 6 mm 6 PT
J5007MH	Socket, Deep 3/8" DR 7 mm 6 PT
J5008MH	Socket, Deep 3/8" DR 8 mm 6 PT
J5009MH	Socket, Deep 3/8" DR 9 mm 6 PT

Contents	Description
J5010MH	Socket, Deep 3/8" DR 10 mm 6 PT
J5011MH	Socket, Deep 3/8" DR 11 mm 6 PT
J5012MH	Socket, Deep 3/8" DR 12 mm 6 PT
J5013MH	Socket, Deep 3/8" DR 13 mm 6 PT
J5014MH	Socket, Deep 3/8" DR 14 mm 6 PT
J5015MH	Socket, Deep 3/8" DR 15 mm 6 PT
J5016MH	Socket, Deep 3/8" DR 16 mm 6 PT
J5017MH	Socket, Deep 3/8" DR 17 mm 6 PT
J5018MH	Socket, Deep 3/8" DR 18 mm 6 PT
J5019MH	Socket, Deep 3/8" DR 19 mm 6 PT
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5262	Extension, 3/8" DR 12"
J5270A	Universal Joint, 3/8" DR
J5285	Handle, Sliding-T 3/4" DR
JBM1114	Blow Mold Case

Weight (lbs): 8.31

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

3/8" DRIVE 34 PIECE SOCKET SET - 6 POINT

Product #: J52134S

6

INCH



Contents	Description
J5208H	Socket, 3/8" DR 1/4" 6 PT
J5210H	Socket, 3/8" DR 5/16" 6 PT
J5211H	Socket, 3/8" DR 11/32" 6 PT
J5212H	Socket, 3/8" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J5222H	Socket, 3/8" DR 11/16" 6 PT
J5224H	Socket, 3/8" DR 3/4" 6 PT
J5226H	Socket, 3/8" DR 13/16" 6 PT
J5228H	Socket, 3/8" DR 7/8" 6 PT
J5230H	Socket, 3/8" DR 15/16" 6 PT
J5232H	Socket, 3/8" DR 1" 6 PT
J5008H	Socket, Deep 3/8" DR 1/4" 6 PT
J5010H	Socket, Deep 3/8" DR 5/16" 6 PT
J5011H	Socket, Deep 3/8" DR 11/32" 6 PT
J5012H	Socket, Deep 3/8" DR 3/8" 6 PT

Contents	Description
J5014H	Socket, Deep 3/8" DR 7/16" 6 PT
J5016H	Socket, Deep 3/8" DR 1/2" 6 PT
J5018H	Socket, Deep 3/8" DR 9/16" 6 PT
J5020H	Socket, Deep 3/8" DR 5/8" 6 PT
J5022H	Socket, Deep 3/8" DR 11/16" 6 PT
J5024H	Socket, Deep 3/8" DR 3/4" 6 PT
J5026H	Socket, Deep 3/8" DR 13/16" 6 PT
J5028H	Socket, Deep 3/8" DR 7/8" 6 PT
J5030H	Socket, Deep 3/8" DR 15/16" 6 PT
J5032H	Socket, Deep 3/8" DR 1" 6 PT
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5262	Extension, 3/8" DR 12"
J5270A	Universal Joint, 3/8" DR
J5285	Handle, Sliding-T 3/4" DR
JBM1115	Blow Mold Case

Weight (lbs): 9.92

3/8" DRIVE 32 PIECE AEROSPACE SOCKET SETS - 12 POINT

Product #: J52332AS

12

INCH MM



Contents	Description
J5208N	Socket, Int 3/8" DR 1/4" 12 PT
J5209N	Socket, Int 3/8" DR 9/32" 12 PT
J5210N	Socket, Int 3/8" DR 5/16" 12 PT
J5211N	Socket, Int 3/8" DR 11/32" 12 PT
J5212N	Socket, Int 3/8" DR 3/8" 12 PT
J5214N	Socket, Int 3/8" DR 7/16" 12 PT
J5216N	Socket, Int 3/8" DR 1/2" 12 PT
J5218N	Socket, Int 3/8" DR 9/16" 12 PT
J5220N	Socket, Int 3/8" DR 5/8" 12 PT
J5222N	Socket, Int 3/8" DR 11/16" 12 PT
J5224N	Socket, Int 3/8" DR 3/4" 12 PT
J5226N	Socket, Int 3/8" DR 13/16" 12 PT
J5228N	Socket, Int 3/8" DR 7/8" 12 PT
J5208MN	Socket, Int 3/8" DR 8 mm 12 PT
J5209MN	Socket, Int 3/8" DR 9 mm 12 PT
J5210MN	Socket, Int 3/8" DR 10 mm 12 PT
J5211MN	Socket, Int 3/8" DR 11 mm 12 PT
J5212MN	Socket, Int 3/8" DR 12 mm 12 PT
J5213MN	Socket, Int 3/8" DR 13 mm 12 PT
J5214MN	Socket, Int 3/8" DR 14 mm 12 PT
J5215MN	Socket, Int 3/8" DR 15 mm 12 PT
J5216MN	Socket, Int 3/8" DR 16 mm 12 PT
J5217MN	Socket, Int 3/8" DR 17 mm 12 PT
J5218MN	Socket, Int 3/8" DR 18 mm 12 PT
J5219MN	Socket, Int 3/8" DR 19 mm 12 PT
J5220MN	Socket, Int 3/8" DR 20 mm 12 PT
J5249MAX	Ratchet, Elite 90 3/8" DR 7" Standard FP
J5259	Extension, 3/8" DR 1-3/4"
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5262	Extension, 3/8" DR 12"
J5270A	Universal Joint, 3/8" DR
JBM1109	Blow Mold Case

Weight (lbs): 13.27

3/8" DRIVE 25 PIECE COMBINATION SOCKET SET

Product #: J52325S

6

INCH MM



Contents	Description
J5210H	Socket, 3/8" DR 5/16" 6 PT
J5211H	Socket, 3/8" DR 11/32" 6 PT
J5212H	Socket, 3/8" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J5222H	Socket, 3/8" DR 11/16" 6 PT
J5224H	Socket, 3/8" DR 3/4" 6 PT
J5208MH	Socket, 3/8" DR 8 mm 6 PT
J5209MH	Socket, 3/8" DR 9 mm 6 PT
J5210MH	Socket, 3/8" DR 10 mm 6 PT
J5211MH	Socket, 3/8" DR 11 mm 6 PT
J5212MH	Socket, 3/8" DR 12 mm 6 PT
J5213MH	Socket, 3/8" DR 13 mm 6 PT
J5214MH	Socket, 3/8" DR 14 mm 6 PT
J5215MH	Socket, 3/8" DR 15 mm 6 PT
J5216MH	Socket, 3/8" DR 16 mm 6 PT
J5217MH	Socket, 3/8" DR 17 mm 6 PT
J5218MH	Socket, 3/8" DR 18 mm 6 PT
J5219MH	Socket, 3/8" DR 19 mm 6 PT
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5270A	Universal Joint, 3/8" DR
JBM1113	Blow Mold Case

Weight (lbs): 9.18

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

3/8" DRIVE 21 PIECE SOCKET SET

Product #: J52121S

6

INCH



Contents	Description
J5210H	Socket, 3/8" DR 5/16" 6 PT
J5211H	Socket, 3/8" DR 11/32" 6 PT
J5212H	Socket, 3/8" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J5222H	Socket, 3/8" DR 11/16" 6 PT
J5224H	Socket, 3/8" DR 3/4" 6 PT
J5010H	Socket, Deep 3/8" DR 5/16" 6 PT
J5011H	Socket, Deep 3/8" DR 11/32" 6 PT

Contents	Description
J5012H	Socket, Deep 3/8" DR 3/8" 6 PT
J5014H	Socket, Deep 3/8" DR 7/16" 6 PT
J5016H	Socket, Deep 3/8" DR 1/2" 6 PT
J5018H	Socket, Deep 3/8" DR 9/16" 6 PT
J5020H	Socket, Deep 3/8" DR 5/8" 6 PT
J5022H	Socket, Deep 3/8" DR 11/16" 6 PT
J5024H	Socket, Deep 3/8" DR 3/4" 6 PT
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5260-06	Extension, 3/8" DR 6"
J5270A	Universal Joint, 3/8" DR
JBM1112	Blow Mold Case

Weight (lbs): 7.63

3/8" DRIVE 21 PIECE SOCKET SETS

Product #: J52211

6

MM



Contents	Description
J5206MH	Socket, 3/8" DR 6 mm 6 PT
J5207MH	Socket, 3/8" DR 7 mm 6 PT
J5208MH	Socket, 3/8" DR 8 mm 6 PT
J5209MH	Socket, 3/8" DR 9 mm 6 PT
J5210MH	Socket, 3/8" DR 10 mm 6 PT
J5211MH	Socket, 3/8" DR 11 mm 6 PT
J5212MH	Socket, 3/8" DR 12 mm 6 PT
J5213MH	Socket, 3/8" DR 13 mm 6 PT
J5214MH	Socket, 3/8" DR 14 mm 6 PT
J5215MH	Socket, 3/8" DR 15 mm 6 PT
J5216MH	Socket, 3/8" DR 16 mm 6 PT
J5217MH	Socket, 3/8" DR 17 mm 6 PT
J5218MH	Socket, 3/8" DR 18 mm 6 PT
J5219MH	Socket, 3/8" DR 19 mm 6 PT
J5220MH	Socket, 3/8" DR 20 mm 6 PT
J5221MH	Socket, 3/8" DR 21 mm 6 PT
J5222MH	Socket, 3/8" DR 22 mm 6 PT
J5223MH	Socket, 3/8" DR 23 mm 6 PT
J5224MH	Socket, 3/8" DR 24 mm 6 PT
J5225MH	Socket, 3/8" DR 25 mm 6 PT
J5226MH	Socket, 3/8" DR 26 mm 6 PT
J2585	Socket Bar, 9"
J2588	Socket Bar, 11"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 3.36

Product #: J52215

12

MM



Contents	Description
J5206M	Socket, 3/8" DR 6 mm 12 PT
J5207M	Socket, 3/8" DR 7 mm 12 PT
J5208M	Socket, 3/8" DR 8 mm 12 PT
J5209M	Socket, 3/8" DR 9 mm 12 PT
J5210M	Socket, 3/8" DR 10 mm 12 PT
J5211M	Socket, 3/8" DR 11 mm 12 PT
J5212M	Socket, 3/8" DR 12 mm 12 PT
J5213M	Socket, 3/8" DR 13 mm 12 PT
J5214M	Socket, 3/8" DR 14 mm 12 PT
J5215M	Socket, 3/8" DR 15 mm 12 PT
J5216M	Socket, 3/8" DR 16 mm 12 PT
J5217M	Socket, 3/8" DR 17 mm 12 PT
J5218M	Socket, 3/8" DR 18 mm 12 PT
J5219M	Socket, 3/8" DR 19 mm 12 PT
J5220M	Socket, 3/8" DR 20 mm 12 PT
J5221M	Socket, 3/8" DR 21 mm 12 PT
J5222M	Socket, 3/8" DR 22 mm 12 PT
J5223M	Socket, 3/8" DR 23 mm 12 PT
J5224M	Socket, 3/8" DR 24 mm 12 PT
J5225M	Socket, 3/8" DR 25 mm 12 PT
J5226M	Socket, 3/8" DR 26 mm 12 PT
J2585	Socket Bar, 9"
J2588	Socket Bar, 11"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 2.98

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

3/8" DRIVE 19 PIECE AEROSPACE SOCKET SET - 12 POINT

Product #: J52119AS

12

INCH



Contents	Description
J5208N	Socket, Int 3/8" DR 1/4" 12 PT
J5209N	Socket, Int 3/8" DR 9/32" 12 PT
J5210N	Socket, Int 3/8" DR 5/16" 12 PT
J5211N	Socket, Int 3/8" DR 11/32" 12 PT
J5212N	Socket, Int 3/8" DR 3/8" 12 PT
J5214N	Socket, Int 3/8" DR 7/16" 12 PT
J5216N	Socket, Int 3/8" DR 1/2" 12 PT
J5218N	Socket, Int 3/8" DR 9/16" 12 PT
J5220N	Socket, Int 3/8" DR 5/8" 12 PT
J5222N	Socket, Int 3/8" DR 11/16" 12 PT
J5224N	Socket, Int 3/8" DR 3/4" 12 PT
J5226N	Socket, Int 3/8" DR 13/16" 12 PT
J5228N	Socket, Int 3/8" DR 7/8" 12 PT
J5230N	Socket, Int 3/8" DR 15/16" 12 PT
J5232N	Socket, Int 3/8" DR 1" 12 PT
J5249MAX	Ratchet, Elite 90 3/8" DR 7" Standard FP
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5270A	Universal Joint, 3/8" DR
JBM1108	Blow Mold Case

Weight (lbs): 8.18

3/8" DRIVE 18 PIECE DEEP METRIC SOCKET SETS

Product #: J52203

6

MM



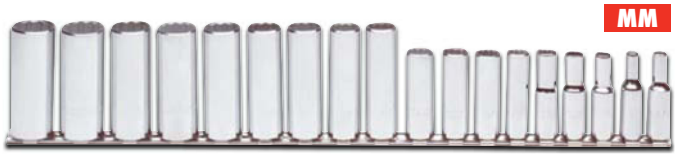
Contents	Description
J5006MH	Socket, Deep 3/8" DR 6 mm 6 PT
J5007MH	Socket, Deep 3/8" DR 7 mm 6 PT
J5008MH	Socket, Deep 3/8" DR 8 mm 6 PT
J5009MH	Socket, Deep 3/8" DR 9 mm 6 PT
J5010MH	Socket, Deep 3/8" DR 10 mm 6 PT
J5011MH	Socket, Deep 3/8" DR 11 mm 6 PT
J5012MH	Socket, Deep 3/8" DR 12 mm 6 PT
J5013MH	Socket, Deep 3/8" DR 13 mm 6 PT
J5014MH	Socket, Deep 3/8" DR 14 mm 6 PT
J5015MH	Socket, Deep 3/8" DR 15 mm 6 PT
J5016MH	Socket, Deep 3/8" DR 16 mm 6 PT
J5017MH	Socket, Deep 3/8" DR 17 mm 6 PT
J5018MH	Socket, Deep 3/8" DR 18 mm 6 PT
J5019MH	Socket, Deep 3/8" DR 19 mm 6 PT
J5020MH	Socket, Deep 3/8" DR 20 mm 6 PT
J5021MH	Socket, Deep 3/8" DR 21 mm 6 PT
J5022MH	Socket, Deep 3/8" DR 22 mm 6 PT
J5023MH	Socket, Deep 3/8" DR 23 mm 6 PT
J2587	Socket Bar, 17"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 4.79

Product #: J52207

12

MM



Contents	Description
J5006M	Socket, Deep 3/8" DR 6 mm 12 PT
J5007M	Socket, Deep 3/8" DR 7 mm 12 PT
J5008M	Socket, Deep 3/8" DR 8 mm 12 PT
J5009M	Socket, Deep 3/8" DR 9 mm 12 PT
J5010M	Socket, Deep 3/8" DR 10 mm 12 PT
J5011M	Socket, Deep 3/8" DR 11 mm 12 PT
J5012M	Socket, Deep 3/8" DR 12 mm 12 PT
J5013M	Socket, Deep 3/8" DR 13 mm 12 PT
J5014M	Socket, Deep 3/8" DR 14 mm 12 PT
J5015M	Socket, Deep 3/8" DR 15 mm 12 PT
J5016M	Socket, Deep 3/8" DR 16 mm 12 PT
J5017M	Socket, Deep 3/8" DR 17 mm 12 PT
J5018M	Socket, Deep 3/8" DR 18 mm 12 PT
J5019M	Socket, Deep 3/8" DR 19 mm 12 PT
J5020M	Socket, Deep 3/8" DR 20 mm 12 PT
J5021M	Socket, Deep 3/8" DR 21 mm 12 PT
J5022M	Socket, Deep 3/8" DR 22 mm 12 PT
J5023M	Socket, Deep 3/8" DR 23 mm 12 PT
J2587	Socket Bar, 17"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 4.55

3/8" DRIVE 13 PIECE SOCKET SETS - 6 POINT

Product #: J52126

6

INCH



Contents	Description
J5208H	Socket, 3/8" DR 1/4" 6 PT
J5210H	Socket, 3/8" DR 5/16" 6 PT
J5212H	Socket, 3/8" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J5222H	Socket, 3/8" DR 11/16" 6 PT
J5224H	Socket, 3/8" DR 3/4" 6 PT
J5226H	Socket, 3/8" DR 13/16" 6 PT
J5228H	Socket, 3/8" DR 7/8" 6 PT
J5230H	Socket, 3/8" DR 15/16" 6 PT
J5232H	Socket, 3/8" DR 1" 6 PT
J2586	Socket Bar, 13"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 2.10

Product #: J52114

6

INCH



Contents	Description
J5008H	Socket, Deep 3/8" DR 1/4" 6 PT
J5010H	Socket, Deep 3/8" DR 5/16" 6 PT
J5012H	Socket, Deep 3/8" DR 3/8" 6 PT
J5014H	Socket, Deep 3/8" DR 7/16" 6 PT
J5016H	Socket, Deep 3/8" DR 1/2" 6 PT
J5018H	Socket, Deep 3/8" DR 9/16" 6 PT
J5020H	Socket, Deep 3/8" DR 5/8" 6 PT
J5022H	Socket, Deep 3/8" DR 11/16" 6 PT
J5024H	Socket, Deep 3/8" DR 3/4" 6 PT
J5026H	Socket, Deep 3/8" DR 13/16" 6 PT
J5028H	Socket, Deep 3/8" DR 7/8" 6 PT
J5030H	Socket, Deep 3/8" DR 15/16" 6 PT
J5032H	Socket, Deep 3/8" DR 1" 6 PT
J2586	Socket Bar, 13"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 3.73

3/8" DRIVE 13 PIECE SOCKET SET - 12 POINT

Product #: J52124

12

INCH



Contents	Description
J5208	Socket, 3/8" DR 1/4" 12 PT
J5210	Socket, 3/8" DR 5/16" 12 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J5226	Socket, 3/8" DR 13/16" 12 PT
J5228	Socket, 3/8" DR 7/8" 12 PT
J5230	Socket, 3/8" DR 15/16" 12 PT
J5232	Socket, 3/8" DR 1" 12 PT
J2586	Socket Bar, 13"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 1.96

ASME B107.110-2012

Product #: J52112

12

INCH



Contents	Description
J5008	Socket, Deep 3/8" DR 1/4" 12 PT
J5010	Socket, Deep 3/8" DR 5/16" 12 PT
J5012	Socket, Deep 3/8" DR 3/8" 12 PT
J5014	Socket, Deep 3/8" DR 7/16" 12 PT
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J5020	Socket, Deep 3/8" DR 5/8" 12 PT
J5022	Socket, Deep 3/8" DR 11/16" 12 PT
J5024	Socket, Deep 3/8" DR 3/4" 12 PT
J5026	Socket, Deep 3/8" DR 13/16" 12 PT
J5028	Socket, Deep 3/8" DR 7/8" 12 PT
J5030	Socket, Deep 3/8" DR 15/16" 12 PT
J5032	Socket, Deep 3/8" DR 1" 12 PT
J2586	Socket Bar, 13"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 3.64

ASME B107.110-2012

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

3/8" DRIVE 13 PIECE SOCKET SETS

Product #: J52304

12 INCH



Contents	Description
J5208B	Socket, Black Oxide 3/8" DR 1/4" 12 PT
J5210B	Socket, Black Oxide 3/8" DR 5/16" 12 PT
J5212B	Socket, Black Oxide 3/8" DR 3/8" 12 PT
J5214B	Socket, Black Oxide 3/8" DR 7/16" 12 PT
J5216B	Socket, Black Oxide 3/8" DR 1/2" 12 PT
J5218B	Socket, Black Oxide 3/8" DR 9/16" 12 PT
J5220B	Socket, Black Oxide 3/8" DR 5/8" 12 PT
J5222B	Socket, Black Oxide 3/8" DR 11/16" 12 PT
J5224B	Socket, Black Oxide 3/8" DR 3/4" 12 PT
J5226B	Socket, Black Oxide 3/8" DR 13/16" 12 PT
J5228B	Socket, Black Oxide 3/8" DR 7/8" 12 PT
J5230B	Socket, Black Oxide 3/8" DR 15/16" 12 PT
J5232B	Socket, Black Oxide 3/8" DR 1" 12 PT
J2586	Socket Bar, 13"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 1.93

3/8" DRIVE 12 PIECE SOCKET SET - 6 POINT

Product #: J52112S

6 INCH



Contents	Description
J5212H	Socket, 3/8" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J5222H	Socket, 3/8" DR 11/16" 6 PT
J5224H	Socket, 3/8" DR 3/4" 6 PT
J5226H	Socket, 3/8" DR 13/16" 6 PT
J5228H	Socket, 3/8" DR 7/8" 6 PT
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
JBM1122	Blow Mold Case

Weight (lbs): 3.30

Product #: J52212S

6 MM



Contents	Description
J5210MH	Socket, 3/8" DR 10 mm 6 PT
J5211MH	Socket, 3/8" DR 11 mm 6 PT
J5212MH	Socket, 3/8" DR 12 mm 6 PT
J5213MH	Socket, 3/8" DR 13 mm 6 PT
J5214MH	Socket, 3/8" DR 14 mm 6 PT
J5215MH	Socket, 3/8" DR 15 mm 6 PT
J5216MH	Socket, 3/8" DR 16 mm 6 PT
J5217MH	Socket, 3/8" DR 17 mm 6 PT
J5218MH	Socket, 3/8" DR 18 mm 6 PT
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
JBM1111	Blow Mold Case

Weight (lbs): 3.00

3/8" DRIVE 12 PIECE SOCKET SETS - 6 POINT

Product #: J52212

6 MM



Contents	Description
J5208MH	Socket, 3/8" DR 8 mm 6 PT
J5209MH	Socket, 3/8" DR 9 mm 6 PT
J5210MH	Socket, 3/8" DR 10 mm 6 PT
J5211MH	Socket, 3/8" DR 11 mm 6 PT
J5212MH	Socket, 3/8" DR 12 mm 6 PT
J5213MH	Socket, 3/8" DR 13 mm 6 PT
J5214MH	Socket, 3/8" DR 14 mm 6 PT
J5215MH	Socket, 3/8" DR 15 mm 6 PT
J5216MH	Socket, 3/8" DR 16 mm 6 PT
J5217MH	Socket, 3/8" DR 17 mm 6 PT
J5218MH	Socket, 3/8" DR 18 mm 6 PT
J5219MH	Socket, 3/8" DR 19 mm 6 PT
J2586	Socket Bar, 13"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 1.35

Product #: J52205

6 MM



Contents	Description
J5008MH	Socket, Deep 3/8" DR 8 mm 6 PT
J5009MH	Socket, Deep 3/8" DR 9 mm 6 PT
J5010MH	Socket, Deep 3/8" DR 10 mm 6 PT
J5011MH	Socket, Deep 3/8" DR 11 mm 6 PT
J5012MH	Socket, Deep 3/8" DR 12 mm 6 PT
J5013MH	Socket, Deep 3/8" DR 13 mm 6 PT
J5014MH	Socket, Deep 3/8" DR 14 mm 6 PT
J5015MH	Socket, Deep 3/8" DR 15 mm 6 PT
J5016MH	Socket, Deep 3/8" DR 16 mm 6 PT
J5017MH	Socket, Deep 3/8" DR 17 mm 6 PT
J5018MH	Socket, Deep 3/8" DR 18 mm 6 PT
J5019MH	Socket, Deep 3/8" DR 19 mm 6 PT
J2586	Socket Bar, 13"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 2.82

3/8" DRIVE 12 PIECE SOCKET SETS - 12 POINT

Product #: J52216

12 MM



Contents	Description
J5208M	Socket, 3/8" DR 8 mm 12 PT
J5209M	Socket, 3/8" DR 9 mm 12 PT
J5210M	Socket, 3/8" DR 10 mm 12 PT
J5211M	Socket, 3/8" DR 11 mm 12 PT
J5212M	Socket, 3/8" DR 12 mm 12 PT
J5213M	Socket, 3/8" DR 13 mm 12 PT
J5214M	Socket, 3/8" DR 14 mm 12 PT
J5215M	Socket, 3/8" DR 15 mm 12 PT
J5216M	Socket, 3/8" DR 16 mm 12 PT
J5217M	Socket, 3/8" DR 17 mm 12 PT
J5218M	Socket, 3/8" DR 18 mm 12 PT
J5219M	Socket, 3/8" DR 19 mm 12 PT
J2586	Socket Bar, 13"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 1.32 ASME B107.110-2012

Product #: J52209

12 MM



Contents	Description
J5008M	Socket, Deep 3/8" DR 8 mm 12 PT
J5009M	Socket, Deep 3/8" DR 9 mm 12 PT
J5010M	Socket, Deep 3/8" DR 10 mm 12 PT
J5011M	Socket, Deep 3/8" DR 11 mm 12 PT
J5012M	Socket, Deep 3/8" DR 12 mm 12 PT
J5013M	Socket, Deep 3/8" DR 13 mm 12 PT
J5014M	Socket, Deep 3/8" DR 14 mm 12 PT
J5015M	Socket, Deep 3/8" DR 15 mm 12 PT
J5016M	Socket, Deep 3/8" DR 16 mm 12 PT
J5017M	Socket, Deep 3/8" DR 17 mm 12 PT
J5018M	Socket, Deep 3/8" DR 18 mm 12 PT
J5019M	Socket, Deep 3/8" DR 19 mm 12 PT
J2586	Socket Bar, 13"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 2.52 ASME B107.110-2012

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

3/8" DRIVE 10 PIECE SOCKET SETS - 6 POINT

Product #: J52122

6

INCH



Contents	Description
J5210H	Socket, 3/8" DR 5/16" 6 PT
J5212H	Socket, 3/8" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J5222H	Socket, 3/8" DR 11/16" 6 PT
J5224H	Socket, 3/8" DR 3/4" 6 PT
J5226H	Socket, 3/8" DR 13/16" 6 PT
J5228H	Socket, 3/8" DR 7/8" 6 PT
J2585	Socket Bar, 9"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 1.34

Product #: J52111

6

INCH



Contents	Description
J5008H	Socket, Deep 3/8" DR 1/4" 6 PT
J5010H	Socket, Deep 3/8" DR 5/16" 6 PT
J5012H	Socket, Deep 3/8" DR 3/8" 6 PT
J5014H	Socket, Deep 3/8" DR 7/16" 6 PT
J5016H	Socket, Deep 3/8" DR 1/2" 6 PT
J5018H	Socket, Deep 3/8" DR 9/16" 6 PT
J5020H	Socket, Deep 3/8" DR 5/8" 6 PT
J5022H	Socket, Deep 3/8" DR 11/16" 6 PT
J5024H	Socket, Deep 3/8" DR 3/4" 6 PT
J5026H	Socket, Deep 3/8" DR 13/16" 6 PT
J2585	Socket Bar, 9"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 2.51

3/8" DRIVE 10 PIECE SOCKET SETS - 12 POINT

Product #: J52118

12

INCH



Contents	Description
J5210	Socket, 3/8" DR 5/16" 12 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J5226	Socket, 3/8" DR 13/16" 12 PT
J5228	Socket, 3/8" DR 7/8" 12 PT
J2585	Socket Bar, 9"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 1.30

Product #: J52107

12

INCH



Contents	Description
J5010	Socket, Deep 3/8" DR 5/16" 12 PT
J5012	Socket, Deep 3/8" DR 3/8" 12 PT
J5014	Socket, Deep 3/8" DR 7/16" 12 PT
J5016	Socket, Deep 3/8" DR 1/2" 12 PT
J5018	Socket, Deep 3/8" DR 9/16" 12 PT
J5020	Socket, Deep 3/8" DR 5/8" 12 PT
J5022	Socket, Deep 3/8" DR 11/16" 12 PT
J5024	Socket, Deep 3/8" DR 3/4" 12 PT
J5026	Socket, Deep 3/8" DR 13/16" 12 PT
J5028	Socket, Deep 3/8" DR 7/8" 12 PT
J2585	Socket Bar, 9"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 2.43

3/8" DRIVE 5 PIECE SOCKET SET - 8 POINT

Product #: J52109

8

INCH



Contents	Description
J5208S	Socket, 3/8" DR 1/4" 8PT
J5210S	Socket, 3/8" DR 5/16" 8PT
J5212S	Socket, 3/8" DR 3/8" 8PT
J5214S	Socket, 3/8" DR 7/16" 8PT
J5216S	Socket, 3/8" DR 1/2" 8PT
J2584	Socket, Bar 6-1/4"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 0.50

3/8" DRIVE 10 PIECE SUPER SHORT SOCKET SET - 6 POINT

Product #: J52123

6

INCH



Contents	Description
J5206HS	Socket, 3/8" DR 3/16" 6 PT Super Short
J5208HS	Socket, 3/8" DR 1/4" 6 PT Super Short
J5210HS	Socket, 3/8" DR 5/16" 6 PT Super Short
J5212HS	Socket, 3/8" DR 3/8" 6 PT Super Short
J5214HS	Socket, 3/8" DR 7/16" 6 PT Super Short
J5216HS	Socket, 3/8" DR 1/2" 6 PT Super Short
J5218HS	Socket, 3/8" DR 9/16" 6 PT Super Short
J5220HS	Socket, 3/8" DR 5/8" 6 PT Super Short
J5222HS	Socket, 3/8" DR 11/16" 6 PT Super Short
J5224HS	Socket, 3/8" DR 3/4" 6 PT Super Short
J2585	Socket, Bar 9"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 0.82

3/8" DRIVE 10 PIECE METRIC UNIVERSAL SOCKET SET - 6 POINT

Product #: J52201

6

MM



Contents	Description
J5273HAM	Socket, 3/8" DR Universal 10 mm 6 PT
J5274HAM	Socket, 3/8" DR Universal 11 mm 6 PT
J5275HAM	Socket, 3/8" DR Universal 12 mm 6 PT
J5276HAM	Socket, 3/8" DR Universal 13 mm 6 PT
J5277HAM	Socket, 3/8" DR Universal 14 mm 6 PT
J5278HAM	Socket, 3/8" DR Universal 15 mm 6 PT
J5279HAM	Socket, 3/8" DR Universal 16 mm 6 PT
J5280HAM	Socket, 3/8" DR Universal 17 mm 6 PT
J5281HAM	Socket, 3/8" DR Universal 18 mm 6 PT
J5282HAM	Socket, 3/8" DR Universal 19 mm 6 PT
J2585	Socket, Bar 9"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 1.36

ASME B107.5M

3/8" DRIVE 7 PIECE UNIVERSAL SOCKET SET - 6 POINT

Product #: J52100

6

INCH



Contents	Description
J5273HA	Socket, 3/8" DR Universal 3/8" 6 PT
J5274HA	Socket, 3/8" DR Universal 7/16" 6 PT
J5275HA	Socket, 3/8" DR Universal 1/2" 6 PT
J5276HA	Socket, 3/8" DR Universal 9/16" 6 PT
J5277HA	Socket, 3/8" DR Universal 5/8" 6 PT
J5278HA	Socket, 3/8" DR Universal 11/16" 6 PT
J5279HA	Socket, 3/8" DR Universal 3/4" 6 PT
J2584	Socket, Bar 6-1/4"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 0.97

ASME B107.1

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

Torx® is a trademark of Acument Intellectual Properties, LLC

3/8" DRIVE 7 PIECE UNIVERSAL SOCKET SETS - 12 POINT

Product #: J52102

12

INCH



Contents	Description
J5273A	Socket, 3/8" DR Universal 3/8" 12 PT
J5274A	Socket, 3/8" DR Universal 7/16" 12 PT
J5275A	Socket, 3/8" DR Universal 1/2" 12 PT
J5276A	Socket, 3/8" DR Universal 9/16" 12 PT
J5277A	Socket, 3/8" DR Universal 5/8" 12 PT
J5278A	Socket, 3/8" DR Universal 11/16" 12 PT
J5279A	Socket, 3/8" DR Universal 3/4" 12 PT
J2584	Socket, Bar 6-1/4"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 0.94 ASME B107.1/AS954E S3.8.1

Product #: J52200

12

MM



Contents	Description
J5272AM	Socket, 3/8" DR Universal 9 mm 12 PT
J5273AM	Socket, 3/8" DR Universal 10 mm 12 PT
J5274AM	Socket, 3/8" DR Universal 11 mm 12 PT
J5275AM	Socket, 3/8" DR Universal 12 mm 12 PT
J5276AM	Socket, 3/8" DR Universal 13 mm 12 PT
J5277AM	Socket, 3/8" DR Universal 14 mm 12 PT
J5278AM	Socket, 3/8" DR Universal 15 mm 12 PT
J2584	Socket, Bar 6-1/4"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 0.92 ASME B107.5M

3/8" DRIVE 8 PIECE TORX® BIT SET

Product #: J5239C



Contents	Description
J5239-15W	Socket, Torx® Bit 3/8" DR T15
J5239-20W	Socket, Torx® Bit 3/8" DR T20
J5239-25W	Socket, Torx® Bit 3/8" DR T25
J5239-27W	Socket, Torx® Bit 3/8" DR T27
J5239-30W	Socket, Torx® Bit 3/8" DR T30
J5239-40W	Socket, Torx® Bit 3/8" DR T40
J5239-45W	Socket, Torx® Bit 3/8" DR T45
J5239-50W	Socket, Torx® Bit 3/8" DR T50
J2585	Socket, Bar 9"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 1.05

3/8" DRIVE 6 PIECE TORX® BIT SET

Product #: J5238C



Contents	Description
J5239-15W	Socket, Torx® Bit 3/8" DR T15
J5239-20W	Socket, Torx® Bit 3/8" DR T20
J5239-25W	Socket, Torx® Bit 3/8" DR T25
J5239-27W	Socket, Torx® Bit 3/8" DR T27
J5239-30W	Socket, Torx® Bit 3/8" DR T30
J5239-40W	Socket, Torx® Bit 3/8" DR T40
J2584	Socket, Bar 6-1/4"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 0.78

3/8" DRIVE 7 PIECE BALL STYLE EXTRA-LONG HEX BIT SET

Product #: J4900BD



HEX

INCH

Contents	Description
J4904BD	Socket, 3/8" DR 1/8" Ball Style Hex Bit
J4905BD	Socket, 3/8" DR 5/32" Ball Style Hex Bit
J4906BD	Socket, 3/8" DR 3/16" Ball Style Hex Bit
J4907BD	Socket, 3/8" DR 7/32" Ball Style Hex Bit
J4908BD	Socket, 3/8" DR 1/4" Ball Style Hex Bit
J4910BD	Socket, 3/8" DR 5/16" Ball Style Hex Bit
J4912BD	Socket, 3/8" DR 3/8" Ball Style Hex Bit
J2584	Socket, Bar 6-1/4"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 1.46

3/8" DRIVE 7 PIECE EXTRA-LONG HEX BIT SET

Product #: J4990-7XL



HEX

INCH

Contents	Description
J49901/8XL	Socket, Hex Bit 3/8" DR 1/8" X-Long
J49905/32XL	Socket, Hex Bit 3/8" DR 5/32" X-Long
J49903/16XL	Socket, Hex Bit 3/8" DR 3/16" X-Long
J49907/32XL	Socket, Hex Bit 3/8" DR 7/32" X-Long
J49901/4XL	Socket, Hex Bit 3/8" DR 1/4" X-Long
J49905/16XL	Socket, Hex Bit 3/8" DR 5/16" X-Long
J49903/8XL	Socket, Hex Bit 3/8" DR 3/8" X-Long
J2584	Socket, Bar 6-1/4"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 1.21

3/8" DRIVE 6 PIECE METRIC EXTRA-LONG HEX BIT SET

Product #: J4990-SMXL



HEX

MM

Contents	Description
J4990-4MXL	Socket, Hex Bit 3/8" DR 4 mm X-Long
J4990-5MXL	Socket, Hex Bit 3/8" DR 5 mm X-Long
J4990-6MXL	Socket, Hex Bit 3/8" DR 6 mm X-Long
J4990-7MXL	Socket, Hex Bit 3/8" DR 7 mm X-Long
J4990-8MXL	Socket, Hex Bit 3/8" DR 8 mm X-Long
J4990-10MXL	Socket, Hex Bit 3/8" DR 10 mm X-Long
J2584	Socket, Bar 6-1/4"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 1.23

3/8" DRIVE 13 PIECE HEX BIT SET

Product #: J4902A



HEX

INCH MM

Contents	Description
J49901/4	Socket, Hex Bit 3/8" DR 1/4"
J49901/8	Socket, Hex Bit 3/8" DR 1/8"
J49903/16	Socket, Hex Bit 3/8" DR 3/16"
J49903/8	Socket, Hex Bit 3/8" DR 3/8"
J49905/16	Socket, Hex Bit 3/8" DR 5/16"
J49905/32	Socket, Hex Bit 3/8" DR 5/32"
J49907/32	Socket, Hex Bit 3/8" DR 7/32"
J4990-4M	Socket, Hex Bit 3/8" 4 mm
J4990-5M	Socket, Hex Bit 3/8" 5 mm
J4990-6M	Socket, Hex Bit 3/8" 6 mm
J4990-7M	Socket, Hex Bit 3/8" 7 mm
J4990-8M	Socket, Hex Bit 3/8" 8 mm
J4990-10M	Socket, Hex Bit 3/8" 10 mm
J2584	Socket, Bar 6-1/4"
J2585	Socket, Bar 9"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 2.03

6 POINT · 8 POINT · 12 POINT · SPLINE · HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

3/8" DRIVE 7 PIECE METRIC HEX BIT SET

Product #: J4900-7C

HEX INCH



Contents	Description
J49901/8	Socket, Hex Bit 3/8" DR 1/8"
J49905/32	Socket, Hex Bit 3/8" DR 5/32"
J49903/16	Socket, Hex Bit 3/8" DR 3/16"
J49907/32	Socket, Hex Bit 3/8" DR 7/32"
J49901/4	Socket, Hex Bit 3/8" DR 1/4"
J49905/16	Socket, Hex Bit 3/8" DR 5/16"
J49903/8	Socket, Hex Bit 3/8" DR 3/8"
J2584	Socket, Bar 6-1/4"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 0.99

Product #: J4990-SMA

HEX MM



Contents	Description
J4990-4M	Socket, Hex Bit 3/8" DR 4 mm
J4990-5M	Socket, Hex Bit 3/8" DR 5 mm
J4990-6M	Socket, Hex Bit 3/8" DR 6 mm
J4990-7M	Socket, Hex Bit 3/8" DR 7 mm
J4990-8M	Socket, Hex Bit 3/8" DR 8 mm
J4990-9M	Socket, Hex Bit 3/8" DR 9 mm
J4990-10M	Socket, Hex Bit 3/8" DR 10 mm
J2584	Socket, Bar 6-1/4"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 1.04

3/8" DRIVE 7 PIECE SHORT HEX BIT SETS

Product #: J4990-7ST

HEX INCH



Contents	Description
J49901/8ST	Socket, 3/8" DR 1/8" Hex Bit Short
J49905/32ST	Socket, 3/8" DR 5/32" Hex Bit Short
J49903/16ST	Socket, 3/8" DR 3/16" Hex Bit Short
J49907/32ST	Socket, 3/8" DR 7/32" Hex Bit Short
J49901/4ST	Socket, 3/8" DR 1/4" Hex Bit Short
J49905/16ST	Socket, 3/8" DR 5/16" Hex Bit Short
J49903/8ST	Socket, 3/8" DR 3/8" Hex Bit Short
J2584	Socket, Bar 6-1/4"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 0.84

Product #: J4990-MST

HEX MM



Contents	Description
J4990-4MST	Socket, Hex Bit 3/8" DR 4 mm Short
J4990-5MST	Socket, Hex Bit 3/8" DR 5 mm Short
J4990-6MST	Socket, Hex Bit 3/8" DR 6 mm Short
J4990-7MST	Socket, Hex Bit 3/8" DR 7 mm Short
J4990-8MST	Socket, Hex Bit 3/8" DR 8 mm Short
J4990-9MST	Socket, Hex Bit 3/8" DR 9 mm Short
J4990-10MST	Socket, Hex Bit 3/8" DR 10 mm Short
J2584	Socket, Bar 6-1/4"
J2591	Socket, Clip 3/8" DR

Weight (lbs): 0.83

3/8" DRIVE 7 PIECE METRIC ADVANCED HEX BIT SOCKET SET

Product #: J4990R7MM

HEX

MM



Description
Socket, Advanced Hex Bit 3/8" DR 4 mm
Socket, Advanced Hex Bit 1/4" DR 5 mm
Socket, Advanced Hex Bit 1/4" DR 6 mm
Socket, Advanced Hex Bit 1/4" DR 7 mm
Socket, Advanced Hex Bit 1/4" DR 8 mm
Socket, Advanced Hex Bit 1/4" DR 9 mm
Socket, Advanced Hex Bit 1/4" DR 10 mm

Weight (lbs): 0.92

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

3/8" & 1/2" DRIVE 52 PIECE SOCKET SET - 6 POINT

Product #: J52352S

6

INCH MM



Contents	Description
J5206H	Socket, 3/8" DR 3/16" 6 PT
J5208H	Socket, 3/8" DR 1/4" 6 PT
J5210H	Socket, 3/8" DR 5/16" 6 PT
J5211H	Socket, 3/8" DR 11/32" 6 PT
J5212H	Socket, 3/8" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J52055MH	Socket, 3/8" DR 5.5 mm 6 PT
J5206MH	Socket, 3/8" DR 6 mm 6 PT
J5207MH	Socket, 3/8" DR 7 mm 6 PT
J5208MH	Socket, 3/8" DR 8 mm 6 PT
J5209MH	Socket, 3/8" DR 9 mm 6 PT
J5210MH	Socket, 3/8" DR 10 mm 6 PT
J5211MH	Socket, 3/8" DR 11 mm 6 PT
J5212MH	Socket, 3/8" DR 12 mm 6 PT
J5213MH	Socket, 3/8" DR 13 mm 6 PT
J5214MH	Socket, 3/8" DR 14 mm 6 PT
J5215MH	Socket, 3/8" DR 15 mm 6 PT
J5416MH	Socket, 1/2" DR 16 mm 6 PT
J5417MH	Socket, 1/2" DR 17 mm 6 PT
J5418MH	Socket, 1/2" DR 18 mm 6 PT
J5419MH	Socket, 1/2" DR 19 mm 6 PT
J5420MH	Socket, 1/2" DR 20 mm 6 PT
J5421MH	Socket, 1/2" DR 21 mm 6 PT
J5422MH	Socket, 1/2" DR 22 mm 6 PT

Contents	Description
J5423MH	Socket, 1/2" DR 23 mm 6 PT
J5424MH	Socket, 1/2" DR 24 mm 6 PT
J5425MH	Socket, 1/2" DR 25 mm 6 PT
J5426MH	Socket, 1/2" DR 26 mm 6 PT
J5422H	Socket, 1/2" DR 11/16" 6 PT
J5424H	Socket, 1/2" DR 3/4" 6 PT
J5426H	Socket, 1/2" DR 13/16" 6 PT
J5428H	Socket, 1/2" DR 7/8" 6 PT
J5430H	Socket, 1/2" DR 15/16" 6 PT
J5432H	Socket, 1/2" DR 1" 6 PT
J5434H	Socket, 1/2" DR 1-1/16" 6 PT
J5436H	Socket, 1/2" DR 1-1/8" 6 PT
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J5253	Adapter, 3/8" F x 1/2" M
J5254	Adapter, 1/2" F x 3/8" M
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5262	Extension, 3/8" DR 12"
J5460	Extension, 1/2" DR 2-1/2"
J5461	Extension, 1/2" DR 5"
J5463	Extension, 1/2" DR 10"
J5270A	Universal Joint, 3/8" DR
J5470A	Universal Joint, 1/2" DR
JBM1116	Blow Mold Case

Weight (lbs): 15.24

3/8" & 1/2" DRIVE 50 PIECE COMBINATION SOCKET SET - 6 & 12 POINT

Product #: J47219

6 12

INCH



Contents	Description
J5210	Socket, 3/8" DR 5/16" 12 PT
J5211	Socket, 3/8" DR 11/32" 12 PT
J5212	Socket, 3/8" DR 3/8" 12 PT
J5214	Socket, 3/8" DR 7/16" 12 PT
J5216	Socket, 3/8" DR 1/2" 12 PT
J5217	Socket, 3/8" DR 17/32" 12 PT
J5218	Socket, 3/8" DR 9/16" 12 PT
J5219	Socket, 3/8" DR 19/32" 12 PT
J5220	Socket, 3/8" DR 5/8" 12 PT
J5222	Socket, 3/8" DR 11/16" 12 PT
J5224	Socket, 3/8" DR 3/4" 12 PT
J5226	Socket, 3/8" DR 13/16" 12 PT
J5228	Socket, 3/8" DR 7/8" 12 PT
J5230	Socket, 3/8" DR 15/16" 12 PT
J5232	Socket, 3/8" DR 1" 12 PT
J5412H	Socket, 1/2" DR 3/8" 6 PT
J5414H	Socket, 1/2" DR 7/16" 6 PT
J5416H	Socket, 1/2" DR 1/2" 6 PT
J5418H	Socket, 1/2" DR 9/16" 6 PT
J5420H	Socket, 1/2" DR 5/8" 6 PT
J5422H	Socket, 1/2" DR 11/16" 6 PT
J5424H	Socket, 1/2" DR 3/4" 6 PT
J5426H	Socket, 1/2" DR 13/16" 6 PT
J5428H	Socket, 1/2" DR 7/8" 6 PT
J5430H	Socket, 1/2" DR 15/16" 6 PT
J5432H	Socket, 1/2" DR 1" 6 PT
J5434H	Socket, 1/2" DR 1-1/16" 6 PT
J5436H	Socket, 1/2" DR 1-1/8" 6 PT

Contents	Description
J5438H	Socket, 1/2" DR 1-3/16" 6 PT
J5440H	Socket, 1/2" DR 1-1/4" 6 PT
J5442H	Socket, 1/2" DR 1-5/16" 6 PT
J5444H	Socket, 1/2" DR 1-3/8" 6 PT
J5446H	Socket, 1/2" DR 1-7/16" 6 PT
J5448H	Socket, 1/2" DR 1-1/2" 6 PT
J5316H	Socket, Deep 1/2" DR 1/2" 6 PT
J5318H	Socket, Deep 1/2" DR 9/16" 6 PT
J5320H	Socket, Deep 1/2" DR 5/8" 6 PT
J5322H	Socket, Deep 1/2" DR 11/16" 6 PT
J5324H	Socket, Deep 1/2" DR 3/4" 6 PT
J5326H	Socket, Deep 1/2" DR 13/16" 6 PT
J5328H	Socket, Deep 1/2" DR 7/8" 6 PT
J5330H	Socket, Deep 1/2" DR 5/16" 6 PT
J5332H	Socket, Deep 1/2" DR 1" 6 PT
J5334H	Socket, Deep 1/2" DR 1-1/16" 6 PT
J5336H	Socket, Deep 1/2" DR 1-1/8" 6 PT
J5253	Adapter, 3/8" F x 1/2" M
J5260-03L	Extension, Locking 3/8" DR 3"
J5260-06L	Extension, Locking 3/8" DR 6"
J5262L	Extension, Locking 3/8" DR 12"
J5249XLQR	Ratchet, Premium Pear Head 3/8" DR 8-1/2"
J2585	Socket Bar, 9"
J2586	Socket Bar, 13"
J2591	Socket Clip, 3/8" DR
J2592	Socket Clip, 1/2" DR

Weight (lbs): 18.10

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

3/8" & 1/2" DRIVE 39 PIECE COMBINATION SOCKET SET - 6 POINT

Product #: J54239A

6

INCH



Contents	Description
J5210H	Socket, 3/8" DR 5/16" 6 PT
J5212H	Socket, 3/8" DR 3/8" 6 PT
J5214H	Socket, 3/8" DR 7/16" 6 PT
J5216H	Socket, 3/8" DR 1/2" 6 PT
J5218H	Socket, 3/8" DR 9/16" 6 PT
J5220H	Socket, 3/8" DR 5/8" 6 PT
J5222H	Socket, 3/8" DR 11/16" 6 PT
J5224H	Socket, 3/8" DR 3/4" 6 PT
J5226H	Socket, 3/8" DR 13/16" 6 PT
J5228H	Socket, 3/8" DR 7/8" 6 PT
J5230H	Socket, 3/8" DR 15/16" 6 PT
J5232H	Socket, 3/8" DR 1" 6 PT
J5010H	Socket, Deep 3/8" DR 5/16" 6 PT
J5012H	Socket, Deep 3/8" DR 3/8" 6 PT
J5014H	Socket, Deep 3/8" DR 7/16" 6 PT
J5016H	Socket, Deep 3/8" DR 1/2" 6 PT
J5018H	Socket, Deep 3/8" DR 9/16" 6 PT
J5020H	Socket, Deep 3/8" DR 5/8" 6 PT
J5022H	Socket, Deep 3/8" DR 11/16" 6 PT
J5024H	Socket, Deep 3/8" DR 3/4" 6 PT
J5026H	Socket, Deep 3/8" DR 13/16" 6 PT
J5028H	Socket, Deep 3/8" DR 7/8" 6 PT
J5030H	Socket, Deep 3/8" DR 15/16" 6 PT
J5412H	Socket, 1/2" DR 3/8" 6 PT

Contents	Description
J5414H	Socket, 1/2" DR 7/16" 6 PT
J5416H	Socket, 1/2" DR 1/2" 6 PT
J5418H	Socket, 1/2" DR 9/16" 6 PT
J5420H	Socket, 1/2" DR 5/8" 6 PT
J5422H	Socket, 1/2" DR 11/16" 6 PT
J5424H	Socket, 1/2" DR 3/4" 6 PT
J5426H	Socket, 1/2" DR 13/16" 6 PT
J5428H	Socket, 1/2" DR 7/8" 6 PT
J5430H	Socket, 1/2" DR 15/16" 6 PT
J5432H	Socket, 1/2" DR 1" 6 PT
J5253	Adapter, 3/8" F x 1/2" M

Contents	Description
J5260	Extension, 3/8" DR 3"
J5260-06	Extension, 3/8" DR 6"
J5461	Extension, 1/2" DR 5"
J5249	Ratchet, Classic Pear Head 3/8" DR 7"
J2587	Socket Bar, 17"
J2591	Socket Clip, 3/8" DR
J2592	Socket Clip, 1/2" DR
J9977R	Tool Box, General Purpose Single Latch 19-1/2"

Weight (lbs): 21.61

3/8" & 1/2" DRIVE 10 PIECE HEX BIT SETS

Product #: J52110H

HEX

INCH



Contents	Description
J49901/8	Socket, Hex Bit 3/8" DR 1/8"
J49905/32	Socket, Hex Bit 3/8" DR 5/32"
J49903/16	Socket, Hex Bit 3/8" DR 3/16"
J49907/32	Socket, Hex Bit 3/8" DR 7/32"
J49901/4	Socket, Hex Bit 3/8" DR 1/4"
J49905/16	Socket, Hex Bit 3/8" DR 5/16"
J49903/8	Socket, Hex Bit 3/8" DR 3/8"
J54411/2	Socket, Hex Bit 1/2" DR 1/2"
J54419/16	Socket, Hex Bit 1/2" DR 9/16"
J54415/8	Socket, Hex Bit 1/2" DR 5/8"
JBM1123	Blow-Molded Case

Weight (lbs): 3.15

Product #: J52210H

HEX

MM



Contents	Description
J4990-4M	Socket, Hex Bit 3/8" 4 mm
J4990-5M	Socket, Hex Bit 3/8" 5 mm
J4990-6M	Socket, Hex Bit 3/8" 6 mm
J4990-7M	Socket, Hex Bit 3/8" 7 mm
J4990-8M	Socket, Hex Bit 3/8" 8 mm
J4990-9M	Socket, Hex Bit 3/8" DR 9 mm
J4990-10M	Socket, Hex Bit 3/8" 10 mm
J5441-12M	Socket, Hex Bit 1/2" DR 12 mm
J5441-14M	Socket, Hex Bit 1/2" DR 14 mm
J5441-17M	Socket, Hex Bit 1/2" DR 17 mm
JBM1123	Blow Mold Case

Weight (lbs): 3.60

1/2" DRIVE 65 PIECE SOCKET, COMBINATION SET - 8 & 12 POINT

Product #: J54132

8 12 HEX

INCH

Contents	Description
J5412S	Socket, 1/2" DR 3/8" 8 PT
J5414S	Socket, 1/2" DR 7/16" 8 PT
J5416S	Socket, 1/2" DR 1/2" 8 PT
J5418S	Socket, 1/2" DR 9/16" 8 PT
J5420S	Socket, 1/2" DR 5/8" 8 PT
J5422S	Socket, 1/2" DR 11/16" 8 PT
J5424S	Socket, 1/2" DR 3/4" 8 PT
J5426S	Socket, 1/2" DR 13/16" 8 PT
J5428S	Socket, 1/2" DR 7/8" 8 PT
J5432S	Socket, 1/2" DR 1" 8 PT
J5412	Socket, 1/2" DR 3/8" 12 PT
J5414	Socket, 1/2" DR 7/16" 12 PT
J5416	Socket, 1/2" DR 1/2" 12 PT
J5418	Socket, 1/2" DR 9/16" 12 PT
J5419	Socket, 1/2" DR 19/32" 12 PT
J5420	Socket, 1/2" DR 5/8" 12 PT
J5422	Socket, 1/2" DR 11/16" 12 PT
J5424	Socket, 1/2" DR 3/4" 12 PT
J5425	Socket, 1/2" DR 25/32" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J5428	Socket, 1/2" DR 7/8" 12 PT
J5429	Socket, 1/2" DR 29/32" 12 PT
J5430	Socket, 1/2" DR 15/16" 12 PT
J5432	Socket, 1/2" DR 1" 12 PT
J5434	Socket, 1/2" DR 1-1/16" 12 PT
J5436	Socket, 1/2" DR 1-1/8" 12 PT
J5438	Socket, 1/2" DR 1-3/16" 12 PT
J5440	Socket, 1/2" DR 1-1/4" 12 PT
J5442	Socket, 1/2" DR 1-5/16" 12 PT
J5444	Socket, 1/2" DR 1-3/8" 12 PT
J5446	Socket, 1/2" DR 1-7/16" 12 PT
J5448	Socket, 1/2" DR 1-1/2" 12 PT
J5475A	Socket, Universal 1/2" DR 1/2" 12 PT
J5476A	Socket, Universal 1/2" DR 9/16" 12 PT
J5477A	Socket, Universal 1/2" DR 5/8" 12 PT
J54411/2	Socket, Hex Bit 1/2" DR 1/2"
J54411/4	Socket, Hex Bit 1/2" DR 1/4"
J54413/8	Socket, Hex Bit 1/2" DR 3/8"
J54415/16	Socket, Hex Bit 1/2" DR 5/16"
J54415/8	Socket, Hex Bit 1/2" DR 5/8"
J54417/16	Socket, Hex Bit 1/2" DR 7/16"
J54419/16	Socket, Hex Bit 1/2" DR 9/16"



Contents	Description
J5444A	Socket, Drive Link 1/2" DR - 3/4"
J5316	Socket, Deep 1/2" DR 1/2" 12 PT
J5318	Socket, Deep 1/2" DR 9/16" 12 PT
J5320	Socket, Deep 1/2" DR 5/8" 12 PT
J5322	Socket, Deep 1/2" DR 11/16" 12 PT
J5324	Socket, Deep 1/2" DR 3/4" 12 PT
J5326	Socket, Deep 1/2" DR 13/16" 12 PT
J5328	Socket, Deep 1/2" DR 7/8" 12 PT
J5330	Socket, Deep 1/2" DR 15/16" 12 PT
J5332	Socket, Deep 1/2" DR 1" 12 PT
J5334	Socket, Deep 1/2" DR 1-1/16" 12 PT
J5336	Socket, Deep 1/2" DR 1-1/8" 12 PT
J5340	Socket, Deep 1/2" DR 1-1/4" 12 PT
J5460	Extension, 1/2" DR 2-1/2"
J5461	Extension, 1/2" DR 5"
J5463	Extension, 1/2" DR 10"
J5470A	Universal Joint, 1/2" DR
J5447	Ratchet, Adapter 1/2" DR
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J5450	Ratchet, Long Classic Pear Head 1/2" DR 16"
J5468	Handle, Hinge 1/2" DR 18-5/8"
J5480G	Handle, Speed 1/2" DR
J5485	Handle, Hinge Black Oxide 3/8" DR 8-1/2"

Weight (lbs): 27.56

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/2" DRIVE 54 PIECE METRIC SOCKET SET - 12 POINT

Product #: J54218

12 HEX

MM

Contents	Description
J5410M	Socket, 1/2" DR 10 mm 12 PT
J5411M	Socket, 1/2" DR 11 mm 12 PT
J5412M	Socket, 1/2" DR 12 mm 12 PT
J5413M	Socket, 1/2" DR 13 mm 12 PT
J5414M	Socket, 1/2" DR 14 mm 12 PT
J5415M	Socket, 1/2" DR 15 mm 12 PT
J5416M	Socket, 1/2" DR 16 mm 12 PT
J5417M	Socket, 1/2" DR 17 mm 12 PT
J5418M	Socket, 1/2" DR 18 mm 12 PT
J5419M	Socket, 1/2" DR 19 mm 12 PT
J5420M	Socket, 1/2" DR 20 mm 12 PT
J5421M	Socket, 1/2" DR 21 mm 12 PT
J5422M	Socket, 1/2" DR 22 mm 12 PT
J5423M	Socket, 1/2" DR 23 mm 12 PT
J5424M	Socket, 1/2" DR 24 mm 12 PT
J5425M	Socket, 1/2" DR 25 mm 12 PT
J5426M	Socket, 1/2" DR 26 mm 12 PT
J5427M	Socket, 1/2" DR 27 mm 12 PT
J5428M	Socket, 1/2" DR 28 mm 12 PT
J5429M	Socket, 1/2" DR 29 mm 12 PT
J5430M	Socket, 1/2" DR 30 mm 12 PT
J5432M	Socket, 1/2" DR 32 mm 12 PT
J5436M	Socket, 1/2" DR 36 mm 12 PT
J5441-6M	Socket, Hex Bit 1/2" DR 6 mm
J5441-8M	Socket, Hex Bit 1/2" DR 8 mm
J5441-10M	Socket, Hex Bit 1/2" DR 10 mm
J5441-12M	Socket, Hex Bit 1/2" DR 12 mm
J5441-14M	Socket, Hex Bit 1/2" DR 14 mm
J5441-17M	Socket, Hex Bit 1/2" DR 17 mm
J5310M	Socket, Deep 1/2" DR 10 mm 12 PT
J5311M	Socket, Deep 1/2" DR 11 mm 12 PT
J5312M	Socket, Deep 1/2" DR 12 mm 12 PT
J5313M	Socket, Deep 1/2" DR 13 mm 12 PT
J5314M	Socket, Deep 1/2" DR 14 mm 12 PT
J5315M	Socket, Deep 1/2" DR 15 mm 12 PT



Contents	Description
J5316M	Socket, Deep 1/2" DR 16 mm 12 PT
J5317M	Socket, Deep 1/2" DR 17 mm 12 PT
J5318M	Socket, Deep 1/2" DR 18 mm 12 PT
J5319M	Socket, Deep 1/2" DR 19 mm 12 PT
J5320M	Socket, Deep 1/2" DR 20 mm 12 PT
J5321M	Socket, Deep 1/2" DR 21 mm 12 PT
J5322M	Socket, Deep 1/2" DR 22 mm 12 PT
J5324M	Socket, Deep 1/2" DR 24 mm 12 PT
J5325M	Socket, Deep 1/2" DR 25 mm 12 PT
J5326M	Socket, Deep 1/2" DR 26 mm 12 PT
J5460	Extension, 1/2" DR 2-1/2"
J5461	Extension, 1/2" DR 5"
J5463	Extension, 1/2" DR 10"
J5470A	Universal Joint, 1/2" DR
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J5450	Ratchet, Long Classic Pear Head 1/2" DR 16"
J5468	Handle, Hinge 1/2" DR 18-5/8"
J5480G	Handle, Speed 1/2" DR
J5485	Handle, Hinge Black Oxide 3/8" DR 8-1/2"

Weight (lbs): 25.75

1/2" DRIVE 41 PIECE AEROSPACE SOCKET SET - 12 POINT

Product #: J54341AS

12

INCH MM

Contents	Description
J5414N	Socket, Int 1/2" DR 7/16" 12 PT
J5416N	Socket, Int 1/2" DR 1/2" 12 PT
J5418N	Socket, Int 1/2" DR 9/16" 12 PT
J5420N	Socket, Int 1/2" DR 5/8" 12 PT
J5422N	Socket, Int 1/2" DR 11/16" 12 PT
J5424N	Socket, Int 1/2" DR 3/4" 12 PT
J5426N	Socket, Int 1/2" DR 13/16" 12 PT
J5428N	Socket, Int 1/2" DR 7/8" 12 PT
J5430N	Socket, Int 1/2" DR 15/16" 12 PT
J5432N	Socket, Int 1/2" DR 1" 12 PT
J5412MN	Socket, Int 1/2" DR 12 mm 12 PT
J5413MN	Socket, Int 1/2" DR 13 mm 12 PT
J5414MN	Socket, Int 1/2" DR 14 mm 12 PT
J5415MN	Socket, Int 1/2" DR 15 mm 12 PT
J5416MN	Socket, Int 1/2" DR 16 mm 12 PT
J5417MN	Socket, Int 1/2" DR 17 mm 12 PT
J5418MN	Socket, Int 1/2" DR 18 mm 12 PT
J5419MN	Socket, Int 1/2" DR 19 mm 12 PT
J5420MN	Socket, Int 1/2" DR 20 mm 12 PT
J5421MN	Socket, Int 1/2" DR 21 mm 12 PT
J5422MN	Socket, Int 1/2" DR 22 mm 12 PT
J5423MN	Socket, Int 1/2" DR 23 mm 12 PT
J5424MN	Socket, Int 1/2" DR 24 mm 12 PT
J5425MN	Socket, Int 1/2" DR 25 mm 12 PT
J5314	Socket, Deep 1/2" DR 7/16" 12 PT
J5316	Socket, Deep 1/2" DR 1/2" 12 PT
J5318	Socket, Deep 1/2" DR 9/16" 12 PT
J5320	Socket, Deep 1/2" DR 5/8" 12 PT
J5322	Socket, Deep 1/2" DR 11/16" 12 PT
J5324	Socket, Deep 1/2" DR 3/4" 12 PT
J5312M	Socket, Deep 1/2" DR 12 mm 12 PT
J5313M	Socket, Deep 1/2" DR 13 mm 12 PT
J5314M	Socket, Deep 1/2" DR 14 mm 12 PT
J5315M	Socket, Deep 1/2" DR 15 mm 12 PT
J5316M	Socket, Deep 1/2" DR 16 mm 12 PT
J5317M	Socket, Deep 1/2" DR 17 mm 12 PT
J5318M	Socket, Deep 1/2" DR 18 mm 12 PT
J5319M	Socket, Deep 1/2" DR 19 mm 12 PT
J5449MAX	Ratchet, Elite 90 1/2" DR 10" Standard FP
J5461	Extension, 1/2" DR 5"
J5470A	Universal Joint, 1/2" DR
JBM1211	Blow Mold Case

Weight (lbs):15.25



6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/2" DRIVE 41 PIECE SOCKET SET - 6 & 12 POINT

Product #: J54141ST

6 12

INCH

Contents	Description
J5412H	Socket, 1/2" DR 3/8" 6 PT
J5414H	Socket, 1/2" DR 7/16" 6 PT
J5416H	Socket, 1/2" DR 1/2" 6 PT
J5418H	Socket, 1/2" DR 9/16" 6 PT
J5420H	Socket, 1/2" DR 5/8" 6 PT
J5422H	Socket, 1/2" DR 11/16" 6 PT
J5424H	Socket, 1/2" DR 3/4" 6 PT
J5426H	Socket, 1/2" DR 13/16" 6 PT
J5428H	Socket, 1/2" DR 7/8" 6 PT
J5430H	Socket, 1/2" DR 15/16" 6 PT
J5432H	Socket, 1/2" DR 1" 6 PT
J5312H	Socket, Deep 1/2" DR 3/8" 6 PT
J5314H	Socket, Deep 1/2" DR 7/16" 6 PT
J5316H	Socket, Deep 1/2" DR 1/2" 6 PT
J5318H	Socket, Deep 1/2" DR 9/16" 6 PT
J5320H	Socket, Deep 1/2" DR 5/8" 6 PT
J5322H	Socket, Deep 1/2" DR 11/16" 6 PT
J5324H	Socket, Deep 1/2" DR 3/4" 6 PT
J5412	Socket, 1/2" DR 3/8" 12 PT
J5414	Socket, 1/2" DR 7/16" 12 PT
J5416	Socket, 1/2" DR 1/2" 12 PT
J5418	Socket, 1/2" DR 9/16" 12 PT
J5420	Socket, 1/2" DR 5/8" 12 PT
J5422	Socket, 1/2" DR 11/16" 12 PT
J5424	Socket, 1/2" DR 3/4" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J5428	Socket, 1/2" DR 7/8" 12 PT
J5430	Socket, 1/2" DR 15/16" 12 PT
J5432	Socket, 1/2" DR 1" 12 PT
J5312	Socket, Deep 1/2" DR 3/8" 12 PT
J5314	Socket, Deep 1/2" DR 7/16" 12 PT
J5316	Socket, Deep 1/2" DR 1/2" 12 PT
J5318	Socket, Deep 1/2" DR 9/16" 12 PT
J5320	Socket, Deep 1/2" DR 5/8" 12 PT
J5322	Socket, Deep 1/2" DR 11/16" 12 PT
J5324	Socket, Deep 1/2" DR 3/4" 12 PT
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J5460	Extension, 1/2" DR 2-1/2"
J5461	Extension, 1/2" DR 5"
J5463	Extension, 1/2" DR 10"
J5470A	Universal Joint, 1/2" DR
JBM1215	Blow Mold Case

Weight (lbs): 15.00



1/2" DRIVE 30 PIECE SOCKET SETS - 12 POINT

Product #: J54130T

12

INCH



Contents	Description
J5412	Socket, 1/2" DR 3/8" 12 PT
J5414	Socket, 1/2" DR 7/16" 12 PT
J5416	Socket, 1/2" DR 1/2" 12 PT
J5418	Socket, 1/2" DR 9/16" 12 PT
J5420	Socket, 1/2" DR 5/8" 12 PT
J5422	Socket, 1/2" DR 11/16" 12 PT
J5424	Socket, 1/2" DR 3/4" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J5428	Socket, 1/2" DR 7/8" 12 PT
J5430	Socket, 1/2" DR 15/16" 12 PT
J5432	Socket, 1/2" DR 1" 12 PT
J5434	Socket, 1/2" DR 1-1/16" 12 PT
J5436	Socket, 1/2" DR 1-1/8" 12 PT
J5440	Socket, 1/2" DR 1-1/4" 12 PT
J5316	Socket, Deep 1/2" DR 1/2" 12 PT
J5318	Socket, Deep 1/2" DR 9/16" 12 PT
J5320	Socket, Deep 1/2" DR 5/8" 12 PT
J5322	Socket, Deep 1/2" DR 11/16" 12 PT
J5324	Socket, Deep 1/2" DR 3/4" 12 PT
J5326	Socket, Deep 1/2" DR 13/16" 12 PT
J5328	Socket, Deep 1/2" DR 7/8" 12 PT
J5330	Socket, Deep 1/2" DR 15/16" 12 PT
J5332	Socket, Deep 1/2" DR 1" 12 PT
J5334	Socket, Deep 1/2" DR 1-1/16" 12 PT
J5336	Socket, Deep 1/2" DR 1-1/8" 12 PT
J5340	Socket, Deep 1/2" DR 1-1/4" 12 PT
J5461	Extension, 1/2" DR 5"
J5463	Extension, 1/2" DR 10"
J5467	Handle, Hinge 1/2" DR 15-3/4"
J5449	Ratchet, Classic Pear Head 1/2" DR
JBM1125	Case, Blow Molded

Weight (lbs): 19.90

1/2" DRIVE 30 PIECE METRIC SOCKET SET - 12 POINT

Product #: J54230T

12

MM



Contents	Description
J5408M	Socket, 1/2" DR 8 mm 12 PT
J5409M	Socket, 1/2" DR 9 mm 12 PT
J5410M	Socket, 1/2" DR 10 mm 12 PT
J5411M	Socket, 1/2" DR 11 mm 12 PT
J5412M	Socket, 1/2" DR 12 mm 12 PT
J5413M	Socket, 1/2" DR 13 mm 12 PT
J5414M	Socket, 1/2" DR 14 mm 12 PT
J5415M	Socket, 1/2" DR 15 mm 12 PT
J5416M	Socket, 1/2" DR 16 mm 12 PT
J5417M	Socket, 1/2" DR 17 mm 12 PT
J5418M	Socket, 1/2" DR 18 mm 12 PT
J5419M	Socket, 1/2" DR 19 mm 12 PT
J5420M	Socket, 1/2" DR 20 mm 12 PT
J5421M	Socket, 1/2" DR 21 mm 12 PT
J5310M	Socket, Deep 1/2" DR 10 mm 12 PT
J5311M	Socket, Deep 1/2" DR 11 mm 12 PT
J5312M	Socket, Deep 1/2" DR 12 mm 12 PT
J5313M	Socket, Deep 1/2" DR 13 mm 12 PT
J5314M	Socket, Deep 1/2" DR 14 mm 12 PT
J5315M	Socket, Deep 1/2" DR 15 mm 12 PT
J5316M	Socket, Deep 1/2" DR 16 mm 12 PT
J5317M	Socket, Deep 1/2" DR 17 mm 12 PT
J5318M	Socket, Deep 1/2" DR 18 mm 12 PT
J5319M	Socket, Deep 1/2" DR 19 mm 12 PT
J5320M	Socket, Deep 1/2" DR 20 mm 12 PT
J5321M	Socket, Deep 1/2" DR 21 mm 12 PT
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J5461	Extension, 1/2" DR 5"
J5463	Extension, 1/2" DR 10"
J5467	Handle, Hinge 1/2" DR 15-3/4"
JBM1214	Blow Mold Case

Weight (lbs): 18.41

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/2" DRIVE 27 PIECE TOOL SET - 12 POINT

Product #: J54128A

12 INCH



Contents	Description
J5414	Socket, 1/2" DR 7/16" 12 PT
J5416	Socket, 1/2" DR 1/2" 12 PT
J5418	Socket, 1/2" DR 9/16" 12 PT
J5420	Socket, 1/2" DR 5/8" 12 PT
J5422	Socket, 1/2" DR 11/16" 12 PT
J5424	Socket, 1/2" DR 3/4" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J5428	Socket, 1/2" DR 7/8" 12 PT
J5430	Socket, 1/2" DR 15/16" 12 PT
J5432	Socket, 1/2" DR 1" 12 PT
J5434	Socket, 1/2" DR 1-1/16" 12 PT
J5436	Socket, 1/2" DR 1-1/8" 12 PT
J5440	Socket, 1/2" DR 1-1/4" 12 PT
J5470A	Socket, 1/2" DR Universal Joint
J5320-50	Socket, 1/2" DR Spark Plug 5/8"
J1212ASD	Wrench, Combination 3/8" 12 PT
J1214ASD	Wrench, Combination 7/16" 12 PT
J1216ASD	Wrench, Combination 1/2" 12 PT
J1218ASD	Wrench, Combination 9/16" 12 PT
J1220ASD	Wrench, Combination 5/8" 12 PT
J1222ASD	Wrench, Combination 11/16" 12 PT
J1224ASD	Wrench, Combination 3/4" 12 PT
J5449	Ratchet, 1/2" DR Standard Length Classic Pear Head 10"
J5461	Extension, 1/2" DR 5"
J5463	Extension, 1/2" DR 10"
J5467	Handle, Hinge 1/2" DR 15-3/4"
J260SG	Pliers, Tongue & Groove w/ Grip 10"
J5496-NA	Set Box

Weight (lbs): 19.09

1/2" DRIVE 26 PIECE SOCKET SET - 12 POINT

Product #: J54124A

12 INCH



Contents	Description
J5412	Socket, 1/2" DR 3/8" 12 PT
J5414	Socket, 1/2" DR 7/16" 12 PT
J5416	Socket, 1/2" DR 1/2" 12 PT
J5418	Socket, 1/2" DR 9/16" 12 PT
J5419	Socket, 1/2" DR 19/32" 12 PT
J5420	Socket, 1/2" DR 5/8" 12 PT
J5421	Socket, 1/2" DR 21/32" 12 PT
J5422	Socket, 1/2" DR 11/16" 12 PT
J5424	Socket, 1/2" DR 3/4" 12 PT
J5425	Socket, 1/2" DR 25/32" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J5428	Socket, 1/2" DR 7/8" 12 PT
J5430	Socket, 1/2" DR 15/16" 12 PT
J5431	Socket, 1/2" DR 31/32" 12 PT
J5432	Socket, 1/2" DR 1" 12 PT
J5434	Socket, 1/2" DR 1-1/16" 12 PT
J5436	Socket, 1/2" DR 1-1/8" 12 PT
J5438	Socket, 1/2" DR 1-3/16" 12 PT
J5440	Socket, 1/2" DR 1-1/4" 12 PT
J5470A	Socket, 1/2" DR Universal Joint
J5449	Ratchet, 1/2" DR Standard Length Classic Pear Head 10"
J5460	Extension, 1/2" DR 2-1/2"
J5461	Extension, 1/2" DR 5"
J5463	Extension, 1/2" DR 10"
J5468	Handle, Hinge 1/2" DR 18-5/8"
J5480AG	Handle, Speed 1/2" DR
J5496R	Set Box

Weight (lbs): 17.69

1/2" DRIVE 25 PIECE AEROSPACE SOCKET SET - 12 POINT

Product #: J54325AS

12

INCH MM



Contents	Description
J5414N	Socket, Int 1/2" DR 7/16" 12 PT
J5416N	Socket, Int 1/2" DR 1/2" 12 PT
J5418N	Socket, Int 1/2" DR 9/16" 12 PT
J5420N	Socket, Int 1/2" DR 5/8" 12 PT
J5422N	Socket, Int 1/2" DR 11/16" 12 PT
J5424N	Socket, Int 1/2" DR 3/4" 12 PT
J5426N	Socket, Int 1/2" DR 13/16" 12 PT
J5428N	Socket, Int 1/2" DR 7/8" 12 PT
J5430N	Socket, Int 1/2" DR 15/16" 12 PT
J5432N	Socket, Int 1/2" DR 1" 12 PT
J5410MN	Socket, Int 1/2" DR 10 mm 12 PT
J5411MN	Socket, Int 1/2" DR 11 mm 12 PT
J5412MN	Socket, Int 1/2" DR 12 mm 12 PT
J5413MN	Socket, Int 1/2" DR 13 mm 12 PT
J5414MN	Socket, Int 1/2" DR 14 mm 12 PT
J5415MN	Socket, Int 1/2" DR 15 mm 12 PT
J5416MN	Socket, Int 1/2" DR 16 mm 12 PT
J5417MN	Socket, Int 1/2" DR 17 mm 12 PT
J5418MN	Socket, Int 1/2" DR 18 mm 12 PT
J5419MN	Socket, Int 1/2" DR 19 mm 12 PT
J5420MN	Socket, Int 1/2" DR 20 mm 12 PT
J5449MAX	Ratchet, Elite 90 1/2" DR 10" Standard FP
J5461	Extension, 1/2" DR 5"
J5470A	Universal Joint, 1/2" DR
JBM1210	Blow Mold Case

Weight (lbs): 17.69

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/2" DRIVE 24 PIECE METRIC SOCKET SET - 12 POINT

Product #: J54211

12

MM



Contents	Description
J5410M	Socket, 1/2" DR 10 mm 12 PT
J5411M	Socket, 1/2" DR 11 mm 12 PT
J5412M	Socket, 1/2" DR 12 mm 12 PT
J5413M	Socket, 1/2" DR 13 mm 12 PT
J5414M	Socket, 1/2" DR 14 mm 12 PT
J5415M	Socket, 1/2" DR 15 mm 12 PT
J5416M	Socket, 1/2" DR 16 mm 12 PT
J5417M	Socket, 1/2" DR 17 mm 12 PT
J5418M	Socket, 1/2" DR 18 mm 12 PT
J5419M	Socket, 1/2" DR 19 mm 12 PT
J5420M	Socket, 1/2" DR 20 mm 12 PT
J5421M	Socket, 1/2" DR 21 mm 12 PT
J5422M	Socket, 1/2" DR 22 mm 12 PT
J5423M	Socket, 1/2" DR 23 mm 12 PT
J5424M	Socket, 1/2" DR 24 mm 12 PT
J5425M	Socket, 1/2" DR 25 mm 12 PT
J5426M	Socket, 1/2" DR 26 mm 12 PT
J5427M	Socket, 1/2" DR 27 mm 12 PT
J5428M	Socket, 1/2" DR 28 mm 12 PT
J5429M	Socket, 1/2" DR 29 mm 12 PT
J5430M	Socket, 1/2" DR 30 mm 12 PT
J5431M	Socket, 1/2" DR 31 mm 12 PT
J5432M	Socket, 1/2" DR 32 mm 12 PT
J5436M	Socket, 1/2" DR 36 mm 12 PT
J2586	Socket, Bar 13"
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 7.69

1/2" DRIVE 23 PIECE METRIC SOCKET SET - 6 POINT

Product #: J54209

6

MM



Contents	Description
J5410MH	Socket, 1/2" DR 10 mm 6 PT
J5411MH	Socket, 1/2" DR 11 mm 6 PT
J5412MH	Socket, 1/2" DR 12 mm 6 PT
J5413MH	Socket, 1/2" DR 13 mm 6 PT
J5414MH	Socket, 1/2" DR 14 mm 6 PT
J5415MH	Socket, 1/2" DR 15 mm 6 PT
J5416MH	Socket, 1/2" DR 16 mm 6 PT
J5417MH	Socket, 1/2" DR 17 mm 6 PT
J5418MH	Socket, 1/2" DR 18 mm 6 PT
J5419MH	Socket, 1/2" DR 19 mm 6 PT
J5420MH	Socket, 1/2" DR 20 mm 6 PT
J5421MH	Socket, 1/2" DR 21 mm 6 PT
J5422MH	Socket, 1/2" DR 22 mm 6 PT
J5423MH	Socket, 1/2" DR 23 mm 6 PT
J5424MH	Socket, 1/2" DR 24 mm 6 PT
J5425MH	Socket, 1/2" DR 25 mm 6 PT
J5426MH	Socket, 1/2" DR 26 mm 6 PT
J5427MH	Socket, 1/2" DR 27 mm 6 PT
J5428MH	Socket, 1/2" DR 28 mm 6 PT
J5429MH	Socket, 1/2" DR 29 mm 6 PT
J5430MH	Socket, 1/2" DR 30 mm 6 PT
J5431MH	Socket, 1/2" DR 31 mm 6 PT
J5432MH	Socket, 1/2" DR 32 mm 6 PT
J2586	Socket, Bar 13"
J2587	Socket, Bar 17"
J2592	Socket, Clip 1/2" DR

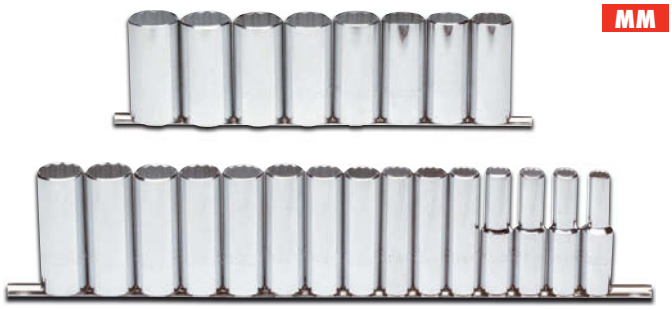
Weight (lbs): 6.97

1/2" DRIVE 23 PIECE METRIC DEEP SOCKET SET - 12 POINT

Product #: J54201

12

MM



Contents	Description
J5310M	Socket, 1/2" DR 10 mm 12 PT Deep
J5311M	Socket, 1/2" DR 11 mm 12 PT Deep
J5312M	Socket, 1/2" DR 12 mm 12 PT Deep
J5313M	Socket, 1/2" DR 13 mm 12 PT Deep
J5314M	Socket, 1/2" DR 14 mm 12 PT Deep
J5315M	Socket, 1/2" DR 15 mm 12 PT Deep
J5316M	Socket, 1/2" DR 16 mm 12 PT Deep
J5317M	Socket, 1/2" DR 17 mm 12 PT Deep
J5318M	Socket, 1/2" DR 18 mm 12 PT Deep
J5319M	Socket, 1/2" DR 19 mm 12 PT Deep
J5320M	Socket, 1/2" DR 20 mm 12 PT Deep
J5321M	Socket, 1/2" DR 21 mm 12 PT Deep
J5322M	Socket, 1/2" DR 22 mm 12 PT Deep
J5323M	Socket, 1/2" DR 23 mm 12 PT Deep
J5324M	Socket, 1/2" DR 24 mm 12 PT Deep
J5325M	Socket, 1/2" DR 25 mm 12 PT Deep
J5326M	Socket, 1/2" DR 26 mm 12 PT Deep
J5327M	Socket, 1/2" DR 27 mm 12 PT Deep
J5328M	Socket, 1/2" DR 28 mm 12 PT Deep
J5329M	Socket, 1/2" DR 29 mm 12 PT Deep
J5330M	Socket, 1/2" DR 30 mm 12 PT Deep
J5331M	Socket, 1/2" DR 31 mm 12 PT Deep
J5332M	Socket, 1/2" DR 32 mm 12 PT Deep
J2586	Socket, Bar 13"
J2587	Socket, Bar 17"
J2592	Socket, Clip 1/2" DR

Weight (lbs): 8.95

1/2" DRIVE 22 PIECE METRIC SOCKET SET - 12 POINT

Product #: J54210A

12

MM



Contents	Description
J5410M	Socket, 1/2" DR 10 mm 12 PT
J5411M	Socket, 1/2" DR 11 mm 12 PT
J5412M	Socket, 1/2" DR 12 mm 12 PT
J5413M	Socket, 1/2" DR 13 mm 12 PT
J5414M	Socket, 1/2" DR 14 mm 12 PT
J5415M	Socket, 1/2" DR 15 mm 12 PT
J5416M	Socket, 1/2" DR 16 mm 12 PT
J5417M	Socket, 1/2" DR 17 mm 12 PT
J5418M	Socket, 1/2" DR 18 mm 12 PT
J5419M	Socket, 1/2" DR 19 mm 12 PT
J5420M	Socket, 1/2" DR 20 mm 12 PT
J5421M	Socket, 1/2" DR 21 mm 12 PT
J5422M	Socket, 1/2" DR 22 mm 12 PT
J5423M	Socket, 1/2" DR 23 mm 12 PT
J5424M	Socket, 1/2" DR 24 mm 12 PT
J5425M	Socket, 1/2" DR 25 mm 12 PT
J5426M	Socket, 1/2" DR 26 mm 12 PT
J5470A	Socket, 1/2" DR Universal Joint
J5449	Ratchet, 1/2" DR Standard Length Classic Pear Head 10"
J5461	Extension, 1/2" DR 5"
J5463	Extension, 1/2" DR 10"
J5468	Handle, Hinge 1/2" DR 18-5/8"
J5496R	Set Box

Weight (lbs): 15.21

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/2" DRIVE 19 PIECE SOCKET SETS

Product #: J54109



6 INCH

Contents	Description
J5412H	Socket, 1/2" DR 3/8" 6 PT
J5414H	Socket, 1/2" DR 7/16" 6 PT
J5416H	Socket, 1/2" DR 1/2" 6 PT
J5418H	Socket, 1/2" DR 9/16" 6 PT
J5420H	Socket, 1/2" DR 5/8" 6 PT
J5422H	Socket, 1/2" DR 11/16" 6 PT
J5424H	Socket, 1/2" DR 3/4" 6 PT
J5426H	Socket, 1/2" DR 13/16" 6 PT
J5428H	Socket, 1/2" DR 7/8" 6 PT
J5430H	Socket, 1/2" DR 15/16" 6 PT
J5432H	Socket, 1/2" DR 1" 6 PT
J5434H	Socket, 1/2" DR 1-1/16" 6 PT
J5436H	Socket, 1/2" DR 1-1/8" 6 PT
J5438H	Socket, 1/2" DR 1-3/16" 6 PT
J5440H	Socket, 1/2" DR 1-1/4" 6 PT
J5442H	Socket, 1/2" DR 1-5/16" 6 PT
J5444H	Socket, 1/2" DR 1-3/8" 6 PT
J5446H	Socket, 1/2" DR 1-7/16" 6 PT
J5448H	Socket, 1/2" DR 1-1/2" 6 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 7.58

Product #: J54113



12 INCH

Contents	Description
J5412	Socket, 1/2" DR 3/8" 12 PT
J5414	Socket, 1/2" DR 7/16" 12 PT
J5416	Socket, 1/2" DR 1/2" 12 PT
J5418	Socket, 1/2" DR 9/16" 12 PT
J5420	Socket, 1/2" DR 5/8" 12 PT
J5422	Socket, 1/2" DR 11/16" 12 PT
J5424	Socket, 1/2" DR 3/4" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J5428	Socket, 1/2" DR 7/8" 12 PT
J5430	Socket, 1/2" DR 15/16" 12 PT
J5432	Socket, 1/2" DR 1" 12 PT
J5434	Socket, 1/2" DR 1-1/16" 12 PT
J5436	Socket, 1/2" DR 1-1/8" 12 PT
J5438	Socket, 1/2" DR 1-3/16" 12 PT
J5440	Socket, 1/2" DR 1-1/4" 12 PT
J5442	Socket, 1/2" DR 1-5/16" 12 PT
J5444	Socket, 1/2" DR 1-3/8" 12 PT
J5446	Socket, 1/2" DR 1-7/16" 12 PT
J5448	Socket, 1/2" DR 1-1/2" 12 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 7.25

Product #: J54101



6 INCH

Contents	Description
J5312H	Socket, Deep 1/2" DR 3/8" 6 PT
J5314H	Socket, Deep 1/2" DR 7/16" 6 PT
J5316H	Socket, Deep 1/2" DR 1/2" 6 PT
J5318H	Socket, Deep 1/2" DR 9/16" 6 PT
J5320H	Socket, Deep 1/2" DR 5/8" 6 PT
J5322H	Socket, Deep 1/2" DR 11/16" 6 PT
J5324H	Socket, Deep 1/2" DR 3/4" 6 PT
J5326H	Socket, Deep 1/2" DR 13/16" 6 PT
J5328H	Socket, Deep 1/2" DR 7/8" 6 PT
J5330H	Socket, Deep 1/2" DR 5/16" 6 PT
J5332H	Socket, Deep 1/2" DR 1" 6 PT
J5334H	Socket, Deep 1/2" DR 1-1/16" 6 PT
J5336H	Socket, Deep 1/2" DR 1-1/8" 6 PT
J5338H	Socket, Deep 1/2" DR 1-3/16" 6 PT
J5340H	Socket, Deep 1/2" DR 1-1/4" 6 PT
J5342H	Socket, Deep 1/2" DR 1-5/16" 6 PT
J5344H	Socket, Deep 1/2" DR 1-3/8" 6 PT
J5346H	Socket, Deep 1/2" DR 1-7/16" 6 PT
J5348H	Socket, Deep 1/2" DR 1-1/2" 6 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 14.18

Product #: J54105



12 INCH

Contents	Description
J5312	Socket, Deep 1/2" DR 3/8" 12 PT
J5314	Socket, Deep 1/2" DR 7/16" 12 PT
J5316	Socket, Deep 1/2" DR 1/2" 12 PT
J5318	Socket, Deep 1/2" DR 9/16" 12 PT
J5320	Socket, Deep 1/2" DR 5/8" 12 PT
J5322	Socket, Deep 1/2" DR 11/16" 12 PT
J5324	Socket, Deep 1/2" DR 3/4" 12 PT
J5326	Socket, Deep 1/2" DR 13/16" 12 PT
J5328	Socket, Deep 1/2" DR 7/8" 12 PT
J5330	Socket, Deep 1/2" DR 15/16" 12 PT
J5332	Socket, Deep 1/2" DR 1" 12 PT
J5334	Socket, Deep 1/2" DR 1-1/16" 12 PT
J5336	Socket, Deep 1/2" DR 1-1/8" 12 PT
J5338	Socket, Deep 1/2" DR 1-3/16" 12 PT
J5340	Socket, Deep 1/2" DR 1-1/4" 12 PT
J5342	Socket, Deep 1/2" DR 1-5/16" 12 PT
J5344	Socket, Deep 1/2" DR 1-3/8" 12 PT
J5346	Socket, Deep 1/2" DR 1-7/16" 12 PT
J5348	Socket, Deep 1/2" DR 1-1/2" 12 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 14.00

1/2" DRIVE 18 PIECE METRIC SOCKET SET - 12 POINT

Product #: J54218T

12

MM

Contents	Description
J5409M	Socket, 1/2" DR 9 mm 12 PT
J5410M	Socket, 1/2" DR 10 mm 12 PT
J5411M	Socket, 1/2" DR 11 mm 12 PT
J5412M	Socket, 1/2" DR 12 mm 12 PT
J5413M	Socket, 1/2" DR 13 mm 12 PT
J5414M	Socket, 1/2" DR 14 mm 12 PT
J5415M	Socket, 1/2" DR 15 mm 12 PT
J5416M	Socket, 1/2" DR 16 mm 12 PT
J5417M	Socket, 1/2" DR 17 mm 12 PT
J5418M	Socket, 1/2" DR 18 mm 12 PT
J5419M	Socket, 1/2" DR 19 mm 12 PT
J5420M	Socket, 1/2" DR 20 mm 12 PT
J5421M	Socket, 1/2" DR 21 mm 12 PT
J5422M	Socket, 1/2" DR 22 mm 12 PT
J5423M	Socket, 1/2" DR 23 mm 12 PT
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J5461	Extension, 1/2" DR 5"
J5467	Handle, Hinge 1/2" DR 15-3/4"
JBM1213	Blow Mold Case

Weight (lbs): 8.5



1/2" DRIVE 18 PIECE METRIC SOCKET SET - 6 POINT

Product #: J54218S

6

MM

Contents	Description
J5409MH	Socket, 1/2" DR 9 mm 6 PT
J5410MH	Socket, 1/2" DR 10 mm 6 PT
J5411MH	Socket, 1/2" DR 11 mm 6 PT
J5412MH	Socket, 1/2" DR 12 mm 6 PT
J5413MH	Socket, 1/2" DR 13 mm 6 PT
J5414MH	Socket, 1/2" DR 14 mm 6 PT
J5415MH	Socket, 1/2" DR 15 mm 6 PT
J5416MH	Socket, 1/2" DR 16 mm 6 PT
J5417MH	Socket, 1/2" DR 17 mm 6 PT
J5418MH	Socket, 1/2" DR 18 mm 6 PT
J5419MH	Socket, 1/2" DR 19 mm 6 PT
J5420MH	Socket, 1/2" DR 20 mm 6 PT
J5421MH	Socket, 1/2" DR 21 mm 6 PT
J5422MH	Socket, 1/2" DR 22 mm 6 PT
J5423MH	Socket, 1/2" DR 23 mm 6 PT
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J5461	Extension, 1/2" DR 5"
J5467	Handle, Hinge 1/2" DR 15-3/4"
JBM1213	Blow Mold Case

Weight (lbs): 8.5



6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/2" DRIVE 18 PIECE SOCKET SETS

Product #: J54118S

6

INCH

Contents	Description
J5412H	Socket, 1/2" DR 3/8" 6 PT
J5414H	Socket, 1/2" DR 7/16" 6 PT
J5416H	Socket, 1/2" DR 1/2" 6 PT
J5418H	Socket, 1/2" DR 9/16" 6 PT
J5420H	Socket, 1/2" DR 5/8" 6 PT
J5422H	Socket, 1/2" DR 11/16" 6 PT
J5424H	Socket, 1/2" DR 3/4" 6 PT
J5426H	Socket, 1/2" DR 13/16" 6 PT
J5428H	Socket, 1/2" DR 7/8" 6 PT
J5430H	Socket, 1/2" DR 15/16" 6 PT
J5432H	Socket, 1/2" DR 1" 6 PT
J5434H	Socket, 1/2" DR 1-1/16" 6 PT
J5436H	Socket, 1/2" DR 1-1/8" 6 PT
J5438H	Socket, 1/2" DR 1-3/16" 6 PT
J5440H	Socket, 1/2" DR 1-1/4" 6 PT
J5461	Extension, 1/2" DR 5"
J5467	Handle, Hinge 1/2" DR 15-3/4"
J5449	Ratchet, Classic Pear Head 1/2" DR
JBM1124	Case, Blow Molded

Weight (lbs): 12.04



Product #: J54118T

12

INCH

Contents	Description
J5412	Socket, 1/2" DR 3/8" 12 PT
J5414	Socket, 1/2" DR 7/16" 12 PT
J5416	Socket, 1/2" DR 1/2" 12 PT
J5418	Socket, 1/2" DR 9/16" 12 PT
J5420	Socket, 1/2" DR 5/8" 12 PT
J5422	Socket, 1/2" DR 11/16" 12 PT
J5424	Socket, 1/2" DR 3/4" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J5428	Socket, 1/2" DR 7/8" 12 PT
J5430	Socket, 1/2" DR 15/16" 12 PT
J5432	Socket, 1/2" DR 1" 12 PT
J5434	Socket, 1/2" DR 1-1/16" 12 PT
J5436	Socket, 1/2" DR 1-1/8" 12 PT
J5438	Socket, 1/2" DR 1-3/16" 12 PT
J5440	Socket, 1/2" DR 1-1/4" 12 PT
J5461	Extension, 1/2" DR 5"
J5467	Handle, Hinge 1/2" DR 15-3/4"
J5449	Ratchet, Classic Pear Head 1/2" DR
JBM1124	Case, Blow Molded

Weight (lbs): 11.80



1/2" DRIVE 16 PIECE AEROSPACE SOCKET SET - 12 POINT

Product #: J54116AS

12

INCH

Contents	Description
J5412N	Socket, Int 1/2" DR 3/8" 12 PT
J5414N	Socket, Int 1/2" DR 7/16" 12 PT
J5416N	Socket, Int 1/2" DR 1/2" 12 PT
J5418N	Socket, Int 1/2" DR 9/16" 12 PT
J5420N	Socket, Int 1/2" DR 5/8" 12 PT
J5422N	Socket, Int 1/2" DR 11/16" 12 PT
J5424N	Socket, Int 1/2" DR 3/4" 12 PT
J5426N	Socket, Int 1/2" DR 13/16" 12 PT
J5428N	Socket, Int 1/2" DR 7/8" 12 PT
J5430N	Socket, Int 1/2" DR 15/16" 12 PT
J5432N	Socket, Int 1/2" DR 1" 12 PT
J5434N	Socket, Int 1/2" DR 1-1/16" 12 PT
J5449MAX	Ratchet, Elite 90 1/2" DR 10" Standard FP
J5461	Extension, 1/2" DR 5"
J5463	Extension, 1/2" DR 10"
J5470A	Universal Joint, 1/2" DR
JBM1209	Blow Mold Case

Weight (lbs): 7.32



1/2" DRIVE 15 PIECE SOCKET SET

Product #: J54115S

6

INCH

Contents	Description
J5412H	Socket, 1/2" DR 3/8" 6 PT
J5414H	Socket, 1/2" DR 7/16" 6 PT
J5416H	Socket, 1/2" DR 1/2" 6 PT
J5418H	Socket, 1/2" DR 9/16" 6 PT
J5420H	Socket, 1/2" DR 5/8" 6 PT
J5422H	Socket, 1/2" DR 11/16" 6 PT
J5424H	Socket, 1/2" DR 3/4" 6 PT
J5426H	Socket, 1/2" DR 13/16" 6 PT
J5428H	Socket, 1/2" DR 7/8" 6 PT
J5430H	Socket, 1/2" DR 15/16" 6 PT
J5432H	Socket, 1/2" DR 1" 6 PT
J5449	Ratchet, Classic Pear Head 1/2" DR 10"
J5461	Extension, 1/2" DR 5"
J5463	Extension, 1/2" DR 10"
J5470A	Universal Joint, 1/2" DR
JBM1212	Blow Mold Case

Weight (lbs): 5.88



6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/2" DRIVE 15 PIECE SOCKET SETS

Product #: J54110

6

INCH



Contents	Description
J5412H	Socket, 1/2" DR 3/8" 6 PT
J5414H	Socket, 1/2" DR 7/16" 6 PT
J5416H	Socket, 1/2" DR 1/2" 6 PT
J5418H	Socket, 1/2" DR 9/16" 6 PT
J5420H	Socket, 1/2" DR 5/8" 6 PT
J5422H	Socket, 1/2" DR 11/16" 6 PT
J5424H	Socket, 1/2" DR 3/4" 6 PT
J5426H	Socket, 1/2" DR 13/16" 6 PT
J5428H	Socket, 1/2" DR 7/8" 6 PT
J5430H	Socket, 1/2" DR 15/16" 6 PT
J5432H	Socket, 1/2" DR 1" 6 PT
J5434H	Socket, 1/2" DR 1-1/16" 6 PT
J5436H	Socket, 1/2" DR 1-1/8" 6 PT
J5438H	Socket, 1/2" DR 1-3/16" 6 PT
J5440H	Socket, 1/2" DR 1-1/4" 6 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 4.45

Product #: J54114

12

INCH



Contents	Description
J5412	Socket, 1/2" DR 3/8" 12 PT
J5414	Socket, 1/2" DR 7/16" 12 PT
J5416	Socket, 1/2" DR 1/2" 12 PT
J5418	Socket, 1/2" DR 9/16" 12 PT
J5420	Socket, 1/2" DR 5/8" 12 PT
J5422	Socket, 1/2" DR 11/16" 12 PT
J5424	Socket, 1/2" DR 3/4" 12 PT
J5426	Socket, 1/2" DR 13/16" 12 PT
J5428	Socket, 1/2" DR 7/8" 12 PT
J5430	Socket, 1/2" DR 15/16" 12 PT
J5432	Socket, 1/2" DR 1" 12 PT
J5434	Socket, 1/2" DR 1-1/16" 12 PT
J5436	Socket, 1/2" DR 1-1/8" 12 PT
J5438	Socket, 1/2" DR 1-3/16" 12 PT
J5440	Socket, 1/2" DR 1-1/4" 12 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 4.26

1/2" DRIVE 15 PIECE SOCKET SETS - 12 POINT

Product #: J54302

12

INCH



Contents	Description
J5412B	Socket, Black Oxide 1/2" DR 3/8" 12 PT
J5414B	Socket, Black Oxide 1/2" DR 7/16" 12 PT
J5416B	Socket, Black Oxide 1/2" DR 1/2" 12 PT
J5418B	Socket, Black Oxide 1/2" DR 9/16" 12 PT
J5420B	Socket, Black Oxide 1/2" DR 5/8" 12 PT
J5422B	Socket, Black Oxide 1/2" DR 11/16" 12 PT
J5424B	Socket, Black Oxide 1/2" DR 3/4" 12 PT
J5426B	Socket, Black Oxide 1/2" DR 13/16" 12 PT
J5428B	Socket, Black Oxide 1/2" DR 7/8" 12 PT
J5430B	Socket, Black Oxide 1/2" DR 15/16" 12 PT
J5432B	Socket, Black Oxide 1/2" DR 1" 12 PT
J5434B	Socket, Black Oxide 1/2" DR 1-1/16" 12 PT
J5436B	Socket, Black Oxide 1/2" DR 1-1/8" 12 PT
J5438B	Socket, Black Oxide 1/2" DR 1-3/16" 12 PT
J5440B	Socket, Black Oxide 1/2" DR 1-1/4" 12 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 4.47

1/2" DRIVE 15 PIECE METRIC SOCKET SETS

Product #: J54205 (6) MM



Contents	Description
J5410MH	Socket, 1/2" DR 10 mm 6 PT
J5411MH	Socket, 1/2" DR 11 mm 6 PT
J5412MH	Socket, 1/2" DR 12 mm 6 PT
J5413MH	Socket, 1/2" DR 13 mm 6 PT
J5414MH	Socket, 1/2" DR 14 mm 6 PT
J5415MH	Socket, 1/2" DR 15 mm 6 PT
J5416MH	Socket, 1/2" DR 16 mm 6 PT
J5417MH	Socket, 1/2" DR 17 mm 6 PT
J5418MH	Socket, 1/2" DR 18 mm 6 PT
J5419MH	Socket, 1/2" DR 19 mm 6 PT
J5420MH	Socket, 1/2" DR 20 mm 6 PT
J5421MH	Socket, 1/2" DR 21 mm 6 PT
J5422MH	Socket, 1/2" DR 22 mm 6 PT
J5423MH	Socket, 1/2" DR 23 mm 6 PT
J5424MH	Socket, 1/2" DR 24 mm 6 PT
J2587	Socket, Bar 17"
J2592	Socket, Clip 1/2" DR

Weight (lbs): 3.30

Product #: J54206 (12) MM



Contents	Description
J5410M	Socket, 1/2" DR 10 mm 12 PT
J5411M	Socket, 1/2" DR 11 mm 12 PT
J5412M	Socket, 1/2" DR 12 mm 12 PT
J5413M	Socket, 1/2" DR 13 mm 12 PT
J5414M	Socket, 1/2" DR 14 mm 12 PT
J5415M	Socket, 1/2" DR 15 mm 12 PT
J5416M	Socket, 1/2" DR 16 mm 12 PT
J5417M	Socket, 1/2" DR 17 mm 12 PT
J5418M	Socket, 1/2" DR 18 mm 12 PT
J5419M	Socket, 1/2" DR 19 mm 12 PT
J5420M	Socket, 1/2" DR 20 mm 12 PT
J5421M	Socket, 1/2" DR 21 mm 12 PT
J5422M	Socket, 1/2" DR 22 mm 12 PT
J5423M	Socket, 1/2" DR 23 mm 12 PT
J5424M	Socket, 1/2" DR 24 mm 12 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 3.08

1/2" DRIVE 15 PIECE DEEP SOCKET SETS

Product #: J54103 (6) INCH



Contents	Description
J5312H	Socket, Deep 1/2" DR 3/8" 6 PT
J5314H	Socket, Deep 1/2" DR 7/16" 6 PT
J5316H	Socket, Deep 1/2" DR 1/2" 6 PT
J5318H	Socket, Deep 1/2" DR 9/16" 6 PT
J5320H	Socket, Deep 1/2" DR 5/8" 6 PT
J5322H	Socket, Deep 1/2" DR 11/16" 6 PT
J5324H	Socket, Deep 1/2" DR 3/4" 6 PT
J5326H	Socket, Deep 1/2" DR 13/16" 6 PT
J5328H	Socket, Deep 1/2" DR 7/8" 6 PT
J5330H	Socket, Deep 1/2" DR 5/16" 6 PT
J5332H	Socket, Deep 1/2" DR 1" 6 PT
J5334H	Socket, Deep 1/2" DR 1-1/16" 6 PT
J5336H	Socket, Deep 1/2" DR 1-1/8" 6 PT
J5338H	Socket, Deep 1/2" DR 1-3/16" 6 PT
J5340H	Socket, Deep 1/2" DR 1-1/4" 6 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 8.18

Product #: J54107 (12) INCH



Contents	Description
J5312	Socket, Deep 1/2" DR 3/8" 12 PT
J5314	Socket, Deep 1/2" DR 7/16" 12 PT
J5316	Socket, Deep 1/2" DR 1/2" 12 PT
J5318	Socket, Deep 1/2" DR 9/16" 12 PT
J5320	Socket, Deep 1/2" DR 5/8" 12 PT
J5322	Socket, Deep 1/2" DR 11/16" 12 PT
J5324	Socket, Deep 1/2" DR 3/4" 12 PT
J5326	Socket, Deep 1/2" DR 13/16" 12 PT
J5328	Socket, Deep 1/2" DR 7/8" 12 PT
J5330	Socket, Deep 1/2" DR 15/16" 12 PT
J5332	Socket, Deep 1/2" DR 1" 12 PT
J5334	Socket, Deep 1/2" DR 1-1/16" 12 PT
J5336	Socket, Deep 1/2" DR 1-1/8" 12 PT
J5338	Socket, Deep 1/2" DR 1-3/16" 12 PT
J5340	Socket, Deep 1/2" DR 1-1/4" 12 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 7.95

(6) 6 POINT (8) 8 POINT (12) 12 POINT (SPL) SPLINE (HEX) HEX FULL POLISH SATIN BLACK OXIDE INSULATED

1/2" DRIVE 15 PIECE METRIC DEEP SOCKET SET - 12 POINT

Product #: J54207

12

MM



Contents	Description
J5310M	Socket, Deep 1/2" DR 10 mm 12 PT
J5311M	Socket, Deep 1/2" DR 11 mm 12 PT
J5312M	Socket, Deep 1/2" DR 12 mm 12 PT
J5313M	Socket, Deep 1/2" DR 13 mm 12 PT
J5314M	Socket, Deep 1/2" DR 14 mm 12 PT
J5315M	Socket, Deep 1/2" DR 15 mm 12 PT
J5316M	Socket, Deep 1/2" DR 16 mm 12 PT
J5317M	Socket, Deep 1/2" DR 17 mm 12 PT
J5318M	Socket, Deep 1/2" DR 18 mm 12 PT
J5319M	Socket, Deep 1/2" DR 19 mm 12 PT
J5320M	Socket, Deep 1/2" DR 20 mm 12 PT
J5321M	Socket, Deep 1/2" DR 21 mm 12 PT
J5322M	Socket, Deep 1/2" DR 22 mm 12 PT
J5323M	Socket, Deep 1/2" DR 23 mm 12 PT
J5324M	Socket, Deep 1/2" DR 24 mm 12 PT
J2587	Socket, Bar 17"
J2592	Socket, Clip 1/2" DR

Weight (lbs): 6.04

1/2" DRIVE 11 PIECE DEEP SOCKET SET - 12 POINT

Product #: J54104

12

INCH



Contents	Description
J5316	Socket, Deep 1/2" DR 1/2" 12 PT
J5318	Socket, Deep 1/2" DR 9/16" 12 PT
J5320	Socket, Deep 1/2" DR 5/8" 12 PT
J5322	Socket, Deep 1/2" DR 11/16" 12 PT
J5324	Socket, Deep 1/2" DR 3/4" 12 PT
J5326	Socket, Deep 1/2" DR 13/16" 12 PT
J5328	Socket, Deep 1/2" DR 7/8" 12 PT
J5330	Socket, Deep 1/2" DR 15/16" 12 PT
J5332	Socket, Deep 1/2" DR 1" 12 PT
J5334	Socket, Deep 1/2" DR 1-1/16" 12 PT
J5336	Socket, Deep 1/2" DR 1-1/8" 12 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 5.68

1/2" DRIVE 18 PIECE HEX BIT SOCKET SET

Product #: J54318H

HEX

INCH MM

Contents	Description
J5441-6M	Socket, Hex Bit 1/2" DR 6 mm
J5441-8M	Socket, Hex Bit 1/2" DR 8 mm
J5441-10M	Socket, Hex Bit 1/2" DR 10 mm
J5441-12M	Socket, Hex Bit 1/2" DR 12 mm
J5441-13M	Socket, Hex Bit 1/2" DR 13 mm
J5441-14M	Socket, Hex Bit 1/2" DR 14 mm
J5441-15M	Socket, Hex Bit 1/2" DR 15 mm
J5441-17M	Socket, Hex Bit 1/2" DR 17 mm
J5441-18M	Socket, Hex Bit 1/2" DR 18 mm
J5441-19M	Socket, Hex Bit 1/2" DR 19 mm
J54411/4	Socket, Hex Bit 1/2" DR 1/4"
J54415/16	Socket, Bit Hex 1/2"DR 5/16"
J54413/8	Socket, Bit Hex 1/2"DR 3/8"
J54417/16	Socket, Bit Hex 1/2"DR 7/16"
J54411/2	Socket, Bit Hex 1/2"DR 1/2"
J54419/16	Socket, Bit Hex 1/2"DR 9/16"



Contents	Description
J54415/8	Socket, Bit Hex 1/2"DR 5/8"
J54413/4	Socket, Hex Bit 1/2" DR 3/4"
JBM1216	Blow Mold Case

Weight (lbs): 5.68

1/2" DRIVE 7 PIECE HEX BIT SET

Product #: J5441-7

HEX

INCH



Contents	Description
J54411/4	Socket, Hex Bit 1/2" DR 1/4"
J54415/16	Socket, Hex Bit 1/2" DR 5/16"
J54413/8	Socket, Hex Bit 1/2" DR 3/8"
J54417/16	Socket, Hex Bit 1/2" DR 7/16"
J54411/2	Socket, Hex Bit 1/2" DR 1/2"
J54419/16	Socket, Hex Bit 1/2" DR 9/16"
J54415/8	Socket, Hex Bit 1/2" DR 5/8"
J2585	Socket, Bar 9"
J2592	Socket, Clip 1/2" DR

Weight (lbs): 2.93

1/2" DRIVE 10 PIECE METRIC HEX BIT SET

Product #: J5441-MA

HEX

MM



Contents	Description
J5441-6M	Socket, Hex Bit 1/2" DR 6 mm
J5441-8M	Socket, Hex Bit 1/2" DR 8 mm
J5441-10M	Socket, Hex Bit 1/2" DR 10 mm
J5441-12M	Socket, Hex Bit 1/2" DR 12 mm
J5441-13M	Socket, Hex Bit 1/2" DR 13 mm
J5441-14M	Socket, Hex Bit 1/2" DR 14 mm
J5441-15M	Socket, Hex Bit 1/2" DR 15 mm
J5441-17M	Socket, Hex Bit 1/2" DR 17 mm
J5441-18M	Socket, Hex Bit 1/2" DR 18 mm
J5441-19M	Socket, Hex Bit 1/2" DR 19 mm
J2586	Socket, Bar 13"
J2592	Socket, Clip 1/2" DR

Weight (lbs): 5.40

1/2" DRIVE 6 PIECE METRIC HEX BIT SET

Product #: J5441-SM

HEX

MM



Contents	Description
J5441-6M	Socket, Hex Bit 1/2" DR 6 mm
J5441-8M	Socket, Hex Bit 1/2" DR 8 mm
J5441-10M	Socket, Hex Bit 1/2" DR 10 mm
J5441-12M	Socket, Hex Bit 1/2" DR 12 mm
J5441-14M	Socket, Hex Bit 1/2" DR 14 mm
J5441-17M	Socket, Hex Bit 1/2" DR 17 mm
J2585	Socket, Bar 9"
J2592	Socket, Clip 1/2" DR

Weight (lbs): 2.55

1/2" DRIVE 6 PIECE EXTRA-LONG HEX BIT SET

Product #: J5441-6XL

HEX

INCH



Contents	Description
J54411/4XL	Socket, Hex Bit 1/2" DR 1/4" Extra-Long
J54415/16XL	Socket, Hex Bit 1/2" DR 5/16" Extra-Long
J5441/8XL	Socket, Hex Bit 1/2" DR 3/8" Extra-Long
J54411/2XL	Socket, Hex Bit 1/2" DR 1/2" Extra-Long
J54419/16XL	Socket, Hex Bit 1/2" DR 9/16" Extra-Long
J54415/8XL	Socket, Hex Bit 1/2" DR 5/8" Extra-Long
J2585	Socket, Bar 9"
J2592	Socket, Clip 1/2" DR

Weight (lbs): 3.59

6 POINT · 8 POINT · 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/2" DRIVE 8 PIECE ADVANCED HEX BIT SOCKET SET

Product #: J5441R8SAE

HEX

INCH



Description
Socket, Advanced Hex Bit 1/2" DR 5/16"
Socket, Advanced Hex Bit 1/2" DR 3/8"
Socket, Advanced Hex Bit 1/2" DR 7/16"
Socket, Advanced Hex Bit 1/2" DR 1/2"
Socket, Advanced Hex Bit 1/2" DR 9/16"
Socket, Advanced Hex Bit 1/2" DR 5/8"
Socket, Advanced Hex Bit 1/2" DR 11/16"
Socket, Advanced Hex Bit 1/2" DR 3/4"

Weight (lbs): 2.69

3/4" DRIVE 42 PIECE COMBINATION SOCKET SETS - 6 AND 12 POINT

6 12

INCH

Product #: J55106A

Contents	Description
J5524	Socket, 3/4" DR 3/4" 12 PT
J5526	Socket, 3/4" DR 13/16" 12 PT
J5528	Socket, 3/4" DR 7/8" 12 PT
J5530	Socket, 3/4" DR 15/16" 12 PT
J5532	Socket, 3/4" DR 1" 12 PT
J5534	Socket, 3/4" DR 1-1/16" 12 PT
J5536	Socket, 3/4" DR 1-1/8" 12 PT
J5538	Socket, 3/4" DR 1-3/16" 12 PT
J5540	Socket, 3/4" DR 1-1/4" 12 PT
J5542	Socket, 3/4" DR 1-5/16" 12 PT
J5544	Socket, 3/4" DR 1-3/8" 12 PT
J5546	Socket, 3/4" DR 1-7/16" 12 PT
J5548	Socket, 3/4" DR 1-1/2" 12 PT
J5550	Socket, 3/4" DR 1-9/16" 12 PT
J5552	Socket, 3/4" DR 1-5/8" 12 PT
J5554	Socket, 3/4" DR 1-11/16" 12 PT
J5556	Socket, 3/4" DR 1-3/4" 12 PT
J5558	Socket, 3/4" DR 1-13/16" 12 PT
J5560	Socket, 3/4" DR 1-7/8" 12 PT
J5564	Socket, 3/4" DR 2" 12 PT
J5568	Socket, 3/4" DR 2-1/8" 12 PT
J5570	Socket, 3/4" DR 2-3/16" 12 PT
J5572	Socket, 3/4" DR 2-1/4" 12 PT
J5576	Socket, 3/4" DR 2-3/8" 12 PT
J5528HL	Socket, Deep 3/4" DR 7/8" 6 PT
J5530HL	Socket, Deep 3/4" DR 15/16" 6 PT
J5532HL	Socket, Deep 3/4" DR 1" 6 PT
J5534HL	Socket, Deep 3/4" DR 1-1/16" 6 PT
J5536HL	Socket, Deep 3/4" DR 1-1/8" 6 PT
J5540HL	Socket, Deep 3/4" DR 1-1/4" 6 PT
J5542HL	Socket, Deep 3/4" DR 1-5/16" 6 PT
J5544HL	Socket, Deep 3/4" DR 1-3/8" 6 PT
J5546HL	Socket, Deep 3/4" DR 1-7/16" 6 PT
J5548HL	Socket, Deep 3/4" DR 1-1/2" 6 PT
J5552HL	Socket, Deep 3/4" DR 1-5/8" 6 PT
J5660	Extension, 3/4" DR 4"
J5661	Extension, 3/4" DR 8"
J5663	Extension, 3/4" DR 16"
J5670	Universal Joint, 3/4" DR
J5649	Ratchet, Classic Pear Head 3/4" DR 20"
J5668	Handle, Hinge 1/4" DR 5-3/4"
J5685	Handle, Sliding-T 1/4" DR
J5697R	Set Box, 14-1/2"

Weight (lbs): 92.35



3/4" DRIVE 29 PIECE COMBINATION SOCKET SETS - 12 POINT

12

INCH

Product #: J55104A

Contents	Description
J5528	Socket, 3/4" DR 7/8" 12 PT
J5530	Socket, 3/4" DR 15/16" 12 PT
J5532	Socket, 3/4" DR 1" 12 PT
J5534	Socket, 3/4" DR 1-1/16" 12 PT
J5536	Socket, 3/4" DR 1-1/8" 12 PT
J5538	Socket, 3/4" DR 1-3/16" 12 PT
J5540	Socket, 3/4" DR 1-1/4" 12 PT
J5542	Socket, 3/4" DR 1-5/16" 12 PT
J5544	Socket, 3/4" DR 1-3/8" 12 PT
J5546	Socket, 3/4" DR 1-7/16" 12 PT
J5548	Socket, 3/4" DR 1-1/2" 12 PT
J5550	Socket, 3/4" DR 1-9/16" 12 PT
J5552	Socket, 3/4" DR 1-5/8" 12 PT
J5554	Socket, 3/4" DR 1-11/16" 12 PT
J5556	Socket, 3/4" DR 1-3/4" 12 PT
J5558	Socket, 3/4" DR 1-13/16" 12 PT
J5560	Socket, 3/4" DR 1-7/8" 12 PT
J5564	Socket, 3/4" DR 2" 12 PT
J5568	Socket, 3/4" DR 2-1/8" 12 PT
J5570	Socket, 3/4" DR 2-3/16" 12 PT
J5572	Socket, 3/4" DR 2-1/4" 12 PT
J5576	Socket, 3/4" DR 2-3/8" 12 PT
J5660	Extension, 3/4" DR 4"
J5661	Extension, 3/4" DR 8"
J5663	Extension, 3/4" DR 16"
J5670	Universal Joint, 3/4" DR
J5649	Ratchet, Classic Pear Head 3/4" DR 20"
J5668	Handle, Hinge 1/4" DR 5-3/4"
J5685	Handle, Sliding-T 1/4" DR
J5696R	Set Box, 9-1/16"

Weight (lbs): 69.40



6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

3/4" DRIVE 28 PIECE METRIC SOCKET SET - 12 POINT

Product #: J55202A

12

MM



Contents	Description
J5521M	Socket, 3/4" DR 21 mm 12 PT
J5522M	Socket, 3/4" DR 22 mm 12 PT
J5523M	Socket, 3/4" DR 23 mm 12 PT
J5524M	Socket, 3/4" DR 24 mm 12 PT
J5525M	Socket, 3/4" DR 25 mm 12 PT
J5526M	Socket, 3/4" DR 26 mm 12 PT
J5527M	Socket, 3/4" DR 27 mm 12 PT
J5528M	Socket, 3/4" DR 28 mm 12 PT
J5529M	Socket, 3/4" DR 29 mm 12 PT
J5530M	Socket, 3/4" DR 30 mm 12 PT
J5532M	Socket, 3/4" DR 32 mm 12 PT
J5535M	Socket, 3/4" DR 35 mm 12 PT
J5536M	Socket, 3/4" DR 36 mm 12 PT
J5538M	Socket, 3/4" DR 38 mm 12 PT
J5541M	Socket, 3/4" DR 41 mm 12 PT
J5542M	Socket, 3/4" DR 42 mm 12 PT
J5546M	Socket, 3/4" DR 46 mm 12 PT
J5550M	Socket, 3/4" DR 50 mm 12 PT
J5554M	Socket, 3/4" DR 54 mm 12 PT
J5555M	Socket, 3/4" DR 55 mm 12 PT
J5558M	Socket, 3/4" DR 58 mm 12 PT
J5560M	Socket, 3/4" DR 60 mm 12 PT
J5660	Extension, 3/4" DR 4"
J5661	Extension, 3/4" DR 8"
J5670	Universal Joint, 3/4" DR
J5649	Ratchet, Classic Pear Head 3/4" DR 20"
J5668	Handle, Hinge 1/4" DR 5-3/4"
J5685	Handle, Sliding-T 1/4" DR
J5696R	Set Box, 9-1/16"

Weight (lbs): 67.48

3/4" DRIVE 20 PIECE COMBINATION SOCKET SETS - 12 POINT

Product #: J55102A

12

INCH



Contents	Description
J5528	Socket, 3/4" DR 7/8" 12 PT
J5530	Socket, 3/4" DR 15/16" 12 PT
J5532	Socket, 3/4" DR 1" 12 PT
J5534	Socket, 3/4" DR 1-1/16" 12 PT
J5536	Socket, 3/4" DR 1-1/8" 12 PT
J5540	Socket, 3/4" DR 1-1/4" 12 PT
J5542	Socket, 3/4" DR 1-5/16" 12 PT
J5544	Socket, 3/4" DR 1-3/8" 12 PT
J5546	Socket, 3/4" DR 1-7/16" 12 PT
J5548	Socket, 3/4" DR 1-1/2" 12 PT
J5552	Socket, 3/4" DR 1-5/8" 12 PT
J5556	Socket, 3/4" DR 1-3/4" 12 PT
J5558	Socket, 3/4" DR 1-13/16" 12 PT
J5560	Socket, 3/4" DR 1-7/8" 12 PT
J5564	Socket, 3/4" DR 2" 12 PT
J5661	Extension, 3/4" DR 8"
J5663	Extension, 3/4" DR 16"
J5649	Ratchet, Classic Pear Head 3/4" DR 20"
J5668	Handle, Hinge 1/4" DR 5-3/4"
J5685	Handle, Sliding-T 1/4" DR
J5696R	Set Box, 9-1/16"

Weight (lbs): 57.12

3/4" DRIVE 19 PIECE METRIC SOCKET SET - 12 POINT

Product #: J55200A

12

MM



Contents	Description
J5524M	Socket, 3/4" DR 24 mm 12 PT
J5525M	Socket, 3/4" DR 25 mm 12 PT
J5526M	Socket, 3/4" DR 26 mm 12 PT
J5527M	Socket, 3/4" DR 27 mm 12 PT
J5528M	Socket, 3/4" DR 28 mm 12 PT
J5529M	Socket, 3/4" DR 29 mm 12 PT
J5530M	Socket, 3/4" DR 30 mm 12 PT
J5531M	Socket, 3/4" DR 31 mm 12 PT
J5532M	Socket, 3/4" DR 32 mm 12 PT
J5535M	Socket, 3/4" DR 35 mm 12 PT
J5536M	Socket, 3/4" DR 36 mm 12 PT
J5538M	Socket, 3/4" DR 38 mm 12 PT
J5541M	Socket, 3/4" DR 41 mm 12 PT
J5542M	Socket, 3/4" DR 42 mm 12 PT
J5546M	Socket, 3/4" DR 46 mm 12 PT
J5661	Extension, 3/4" DR 8"
J5663	Extension, 3/4" DR 16"
J5649	Ratchet, Classic Pear Head 3/4" DR 20"
J5668	Handle, Hinge 1/4" DR 5-3/4"
J5695R	Set Box, 7-15/16"

Weight (lbs): 39.60

3/4" DRIVE 13 PIECE COMBINATION SOCKET SETS - 12 POINT

Product #: J55100A

12

INCH



Contents	Description
J5528	Socket, 3/4" DR 7/8" 12 PT
J5530	Socket, 3/4" DR 15/16" 12 PT
J5532	Socket, 3/4" DR 1" 12 PT
J5534	Socket, 3/4" DR 1-1/16" 12 PT
J5536	Socket, 3/4" DR 1-1/8" 12 PT
J5538	Socket, 3/4" DR 1-3/16" 12 PT
J5540	Socket, 3/4" DR 1-1/4" 12 PT
J5542	Socket, 3/4" DR 1-5/16" 12 PT
J5544	Socket, 3/4" DR 1-3/8" 12 PT
J5546	Socket, 3/4" DR 1-7/16" 12 PT
J5548	Socket, 3/4" DR 1-1/2" 12 PT
J5661	Extension, 3/4" DR 8"
J5649	Ratchet, Classic Pear Head 3/4" DR 20"
J5694R	Set Box, 6-1/2"

Weight (lbs): 27.97

3/4" DRIVE 11 PIECE DEEP SOCKET SET - 6 POINT

Product #: J55108

6

INCH



Contents	Description
J5528HL	Socket, Deep 3/4" DR 7/8" 6 PT
J5530HL	Socket, Deep 3/4" DR 15/16" 6 PT
J5532HL	Socket, Deep 3/4" DR 1" 6 PT
J5534HL	Socket, Deep 3/4" DR 1-1/16" 6 PT
J5536HL	Socket, Deep 3/4" DR 1-1/8" 6 PT
J5540HL	Socket, Deep 3/4" DR 1-1/4" 6 PT
J5542HL	Socket, Deep 3/4" DR 1-5/16" 6 PT
J5544HL	Socket, Deep 3/4" DR 1-3/8" 6 PT
J5546HL	Socket, Deep 3/4" DR 1-7/16" 6 PT
J5548HL	Socket, Deep 3/4" DR 1-1/2" 6 PT
J5552HL	Socket, Deep 3/4" DR 1-5/8" 6 PT
J5694R	Box, Tool

Weight (lbs): 26.55

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1" DRIVE 29 PIECE SOCKET SET - 12 POINT

Product #: J57104A

12

INCH



Contents	Description
J5734	Socket, 1" DR 1-1/16" 12 PT
J5736	Socket, 1" DR 1-1/8" 12 PT
J5738	Socket, 1" DR 1-3/16" 12 PT
J5740	Socket, 1" DR 1-1/4" 12 PT
J5742	Socket, 1" DR 1-5/16" 12 PT
J5744	Socket, 1" DR 1-3/8" 12 PT
J5746	Socket, 1" DR 1-7/16" 12 PT
J5748	Socket, 1" DR 1-1/2" 12 PT
J5752	Socket, 1" DR 1-5/8" 12 PT
J5758	Socket, 1" DR 1-13/16" 12 PT
J5760	Socket, 1" DR 1-7/8" 12 PT
J5764	Socket, 1" DR 2" 12 PT
J5770	Socket, 1" DR 2-3/16" 12 PT
J5772	Socket, 1" DR 2-1/4" 12 PT
J5776	Socket, 1" DR 2-3/8" 12 PT
J5780	Socket, 1" DR 2-1/2" 12 PT
J5782	Socket, 1" DR 2-9/16" 12 PT
J5784	Socket, 1" DR 2-5/8" 12 PT
J5788	Socket, 1" DR 2-3/4" 12 PT
J5794	Socket, 1" DR 2-15/16" 12 PT
J5796	Socket, 1" DR 3" 12 PT
J5800	Socket, 1" DR 3-1/8" 12 PT
J5812	Socket, 1" DR 3-1/2" 12 PT
J5861	Extension, 1" DR 8"
J5863	Extension, 1" DR 17"
J5849	Ratchet, Classic Pear Head 1" DR 26"
J5885	Drive Plug, Sliding 1" DR 3"
J5868	Handle, Hinge 1" DR 27"
J5884	Handle, Hinge 3/8" DR 7-7/8"
J5896R	Set Box, 35-3/8"

Weight (lbs): 135.50

1" DRIVE 22 PIECE SOCKET SET - 12 POINT

Product #: J57102A

12

INCH



Contents	Description
J5748	Socket, 1" DR 1-1/2" 12 PT
J5752	Socket, 1" DR 1-5/8" 12 PT
J5758	Socket, 1" DR 1-13/16" 12 PT
J5760	Socket, 1" DR 1-7/8" 12 PT
J5764	Socket, 1" DR 2" 12 PT
J5770	Socket, 1" DR 2-3/16" 12 PT
J5772	Socket, 1" DR 2-1/4" 12 PT
J5776	Socket, 1" DR 2-3/8" 12 PT
J5780	Socket, 1" DR 2-1/2" 12 PT
J5782	Socket, 1" DR 2-9/16" 12 PT
J5784	Socket, 1" DR 2-5/8" 12 PT
J5788	Socket, 1" DR 2-3/4" 12 PT
J5794	Socket, 1" DR 2-15/16" 12 PT
J5796	Socket, 1" DR 3" 12 PT
J5800	Socket, 1" DR 3-1/8" 12 PT
J5812	Socket, 1" DR 3-1/2" 12 PT
J5861	Extension, 1" DR 8"
J5863	Extension, 1" DR 17"
J5849	Ratchet, Classic Pear Head 1" DR 26"
J5885	Drive Plug, Sliding 1" DR 3"
J5868	Handle, Hinge 1" DR 27"
J5884	Handle, Hinge 3/8" DR 7-7/8"
J5896R	Set Box, 35-3/8"

Weight (lbs): 129.50

1" DRIVE 17 PIECE SOCKET SET - 12 POINT

Product #: J57100A

12

INCH



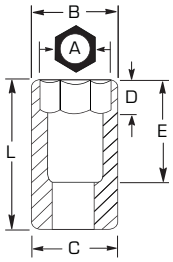
Contents	Description
J5734	Socket, 1" DR 1-1/16" 12 PT
J5736	Socket, 1" DR 1-1/8" 12 PT
J5738	Socket, 1" DR 1-3/16" 12 PT
J5740	Socket, 1" DR 1-1/4" 12 PT
J5742	Socket, 1" DR 1-5/16" 12 PT
J5744	Socket, 1" DR 1-3/8" 12 PT
J5746	Socket, 1" DR 1-7/16" 12 PT
J5748	Socket, 1" DR 1-1/2" 12 PT
J5752	Socket, 1" DR 1-5/8" 12 PT
J5754	Socket, 1" DR 1-11/16" 12 PT
J5756	Socket, 1" DR 1-3/4" 12 PT
J5758	Socket, 1" DR 1-13/16" 12 PT
J5760	Socket, 1" DR 1-7/8" 12 PT
J5764	Socket, 1" DR 2" 12 PT
J5861	Extension, 1" DR 8"
J5849	Ratchet, Classic Pear Head 1" DR 26"
J5868	Handle, Hinge 1" DR 27"
J5894R	Set Box, 31-13/16"

Weight (lbs): 65.50

1/4" DRIVE SOCKETS

- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.
- PROTO® Sockets with TorquePlus™ are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.





TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	12	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1/8	J4704	–	–	1/4	5/32	15/32	11/32	7/8	0.02
5/32	J4705	–	–	17/64	31/64	11/64	11/32	7/8	0.03
3/16	J4706	J4706T	–	5/16	31/64	13/64	11/32	7/8	0.03
7/32	J4707	J4707T	–	11/32	31/64	13/64	11/32	7/8	0.02
1/4	J4708	J4708T	J4708TB	11/32	31/64	7/32	11/32	7/8	0.02
9/32	J4709	J4709T	J4709TB	27/64	31/64	1/4	11/32	7/8	0.02
5/16	J4710	J4710T	J4710TB	31/64	31/64	19/64	9/16	7/8	0.03
11/32	J4711	J4711T	–	33/64	33/64	11/32	17/32	7/8	0.03
3/8	J4712	J4712T	J4712TB	9/16	11/32	17/32	17/32	7/8	0.03
7/16	J4714	J4714T	J4714TB	5/8	5/8	23/64	17/32	7/8	0.05
1/2	J4716	J4716T	J4716TB	11/16	11/16	23/64	17/32	7/8	0.06
9/16	J4718	J4718T	J4718TB	47/64	47/64	23/64	9/16	7/8	0.07
5/8	J4720A	–	–	5/8	3/8	7/8	9/16	7/8	0.09

*SAE AS4984A ASME B107.110-2012

MM	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
4	J4704M	J4704TM	17/64	15/32	11/64	13/32	7/8	0.01
4.5	J47045M	J47045TM	5/16	15/32	11/64	13/32	7/8	0.01
5	J4705M	J4705TM	5/16	15/32	11/64	13/32	7/8	0.02
5.5	J47055M	J47055TM	21/64	15/32	11/64	13/32	7/8	0.02
6	J4706M	J4706TM	3/8	15/32	7/32	13/32	7/8	0.02
7	J4707M	J4707TM	27/64	15/32	1/4	15/32	7/8	0.02
8	J4708M	J4708TM	15/32	15/32	19/64	35/64	7/8	0.04
9	J4709M	J4709TM	33/64	33/64	23/64	35/64	7/8	0.03
10	J4710M	J4710TM	37/64	37/64	23/64	35/64	7/8	0.04
11	J4711M	J4711TM	5/8	5/8	23/64	35/64	7/8	0.05
12	J4712M	J4712TM	21/32	21/32	23/64	35/64	7/8	0.05
13	J4713M	J4713TM	11/16	11/16	23/64	35/64	7/8	0.05
14	J4714M	J4714TM	3/4	3/4	23/64	9/16	7/8	0.06
15	J4715M	–	51/64	51/64	23/64	9/16	7/8	0.08
16	J4716M	–	7/8	7/8	3/8	9/16	7/8	0.09

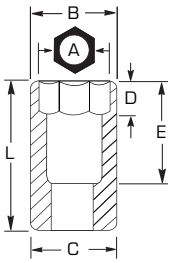
ASME B107.110-2012

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/4" DRIVE SOCKETS - 8 POINT

- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.
- PROTO® Sockets with TorquePlus™ are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.





TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	8	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1/4	J4708S	31/64	31/64	1/4	17/32	7/8	0.03
5/16	J4710S	9/16	9/16	1/4	17/32	7/8	0.05
3/8	J4712S	11/16	11/16	1/4	17/32	7/8	0.06

ASME B107.110-2012

1/4" DRIVE SOCKETS - SPLINE

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



STANDARD

INCH	Spline Size	SPL	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/16	6	J4706SPL	5/16	7/16	3/16	9/16	59/64	0.02
7/32	7	J4707SPL	11/32	7/16	13/64	9/16	59/64	0.02
1/4	8	J4708SPL	3/8	7/16	1/4	9/16	59/64	0.02
9/32	9	J4709SPL	7/16	7/16	9/32	9/16	59/64	0.02
5/16	10	J4710SPL	29/64	29/64	5/16	9/16	59/64	0.03
3/8	12	J4712SPL	35/64	35/64	11/32	9/16	59/64	0.04
7/16	14	J4714SPL	5/8	5/8	27/64	11/16	1-1/32	0.05

DEEP

INCH	Spline Size	SPL	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/16	6	J4706DPL	5/16	7/16	3/16	1-21/32	2	0.03
7/32	7	J4707DPL	11/32	7/16	13/64	1-21/32	2	0.04
1/4	8	J4708DPL	3/8	7/16	1/4	1-21/32	2	0.04
9/32	9	J4709DPL	7/16	7/16	9/32	1-21/32	2	0.05
5/16	10	J4710DPL	29/64	29/64	5/16	1-21/32	2	0.06
3/8	12	J4712DPL	35/64	35/64	11/32	1-21/32	2	0.08
7/16	14	J4714DPL	5/8	5/8	27/64	1-21/32	2	0.09

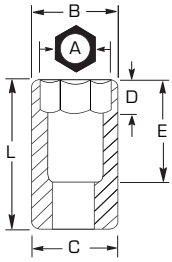
1/4" DRIVE INTERMEDIATE SOCKETS - 12 POINT

- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.
- PROTO® Sockets with TorquePlus™ are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Intermediate depth gives additional reach without limiting accessibility in tighter spaces.
- The TorquePlus™ design is a high performance drive configuration which allows for quick and easy socket engagement to the fastener flats, not the corners.
- The TorquePlus™ configuration employs a radius-corner design, shifting contact area and stress away from the fastener corners and distributing contact stresses over a large area of the socket, minimizing slippage.
- The TorquePlus™ internal design minimizes fastener rounding, helps to extend fastener life, and allows the user to more easily turn worn, rounded, or rusted fasteners.



TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners



INCH	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/16	J4706N	19/64	7/16	17/64	29/64	1-15/64	0.02
7/32	J4707N	21/64	7/16	9/32	29/64	1-15/64	0.02
1/4	J4708N	3/8	7/16	19/64	29/64	1-15/64	0.02
9/32	J4709N	27/64	27/64	5/16	29/64	1-15/64	0.02
5/16	J4710N	29/64	29/64	11/32	19/32	1-15/64	0.03
11/32	J4711N	31/64	31/64	3/8	19/32	1-15/64	0.03
3/8	J4712N	35/64	35/64	3/8	19/32	1-15/64	0.04
7/16	J4714N	5/8	5/8	3/4	7/8	1-15/64	0.04
1/2	J4716N	43/64	43/64	3/4	7/8	1-15/64	0.05
9/16	J4718N	47/64	47/64	3/4	7/8	1-15/64	0.06

SAE AS954G ASME B107.110-2012

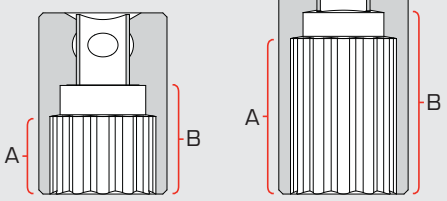
MM	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
5	J4705MN	5/16	15/32	1/4	25/64	1-17/64	0.03
5.5	J47055MN	11/32	15/32	17/64	25/64	1-17/64	0.03
6	J4706MN	25/64	15/32	9/32	13/32	1-17/64	0.03
7	J4707MN	27/64	15/32	21/64	7/16	1-17/64	0.04
8	J4708MN	15/32	15/32	23/64	17/32	1-17/64	0.04
9	J4709MN	17/32	17/32	13/32	17/32	1-17/64	0.06
10	J4710MN	37/64	37/64	27/64	9/16	1-17/64	0.06
11	J4711MN	5/8	5/8	15/32	19/32	1-17/64	0.07
12	J4712MN	43/64	43/64	33/64	41/64	1-17/64	0.08
13	J4713MN	23/32	23/32	17/32	43/64	1-17/64	0.08
14	J4714MN	3/4	3/4	9/16	23/32	1-17/64	0.09

SAE AS955 ASME B107.110-2012

INTERMEDIATE SOCKETS

PROTO® intermediate sockets feature increased Nut Depth and Bolt Clearance vs. standard length sockets. This gives PROTO® intermediate sockets versatility in tight spaces.

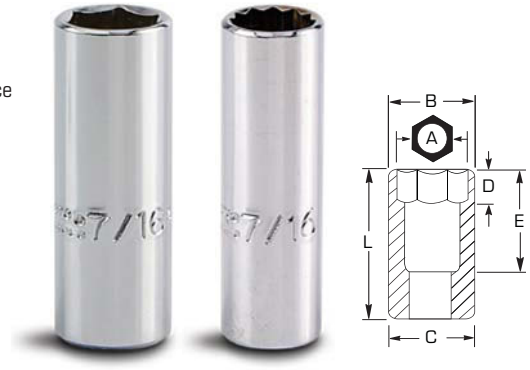
A - *Nut Depth* B - *Bolt Clearance*



6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/4" DRIVE DEEP SOCKETS

- PROTO® Sockets with TorquePlus™ are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.



TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/16	J4706L	J4706LT*	5/16	29/64	9/32	1-21/32	2	0.05
7/32	J4707L	J4707LT*	11/32	15/32	3/8	1-21/32	2	0.05
1/4	J4708L	J4708LT*	25/64	15/32	3/8	1-1/2	2	0.05
9/32	J4709L	J4709LT*	7/16	15/32	3/8	1-1/2	2	0.05
5/16	J4710L	J4710LT*	15/32	15/32	3/8	1-1/2	2	0.06
11/32	J4711L	J4711LT*	1/2	1/2	5/8	1-1/2	2	0.06
3/8	J4712L	J4712LT*	9/16	9/16	5/8	1-27/64	2	0.08
7/16	J4714L	J4714LT*	37/64	39/64	5/8	1-27/64	2	0.09
1/2	J4716L	J4716LT*	11/16	11/16	5/8	1-27/64	2	0.13
9/16	J4718L	J4718LT*	3/4	3/4	5/8	1-27/64	2	0.14

*SAE AS954G ASME B107.110-2012

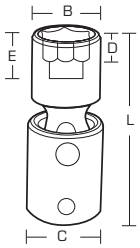
MM	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
4	J4704LM	–	9/32	29/64	13/64	55/64	1-63/64	0.04
5	J4705LM	J4705LTM	5/16	29/64	9/32	55/64	1-63/64	0.04
5.5	J47055LM	J47055LTM	11/32	29/64	9/32	55/64	1-63/64	0.04
6	J4706LM	J4706LTM	3/8	29/64	3/8	55/64	1-63/64	0.04
7	J4707LM	J4707LTM	27/64	29/64	3/8	55/64	1-63/64	0.04
8	J4708LM	J4708LTM	29/64	29/64	13/32	1-5/32	1-63/64	0.06
9	J4709LM	J4709LTM	1/2	1/2	39/64	1-5/32	1-63/64	0.06
10	J4710LM	J4710LTM	9/16	9/16	5/8	1-27/64	1-63/64	0.07
11	J4711LM	J4711LTM	39/64	39/64	5/8	1-27/64	1-63/64	0.09
12	J4712LM	J4712LTM	21/32	21/32	5/8	1-27/64	1-63/64	0.11
13	J4713LM	J4713LTM	11/16	11/16	5/8	1-27/64	1-63/64	0.15
14	J4714LM	J4714LTM	49/64	49/64	5/8	1-27/64	1-63/64	0.15
15	J4715LM	–	53/64	53/64	5/8	1-27/64	2	0.20

*SAE AS955 ASME B107.110-2012

1/4" DRIVE UNIVERSAL SOCKETS

- PROTO® Sockets with TorquePlus™ are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.





TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
7/32	–	J4770TA	11/32	1/2	9/32	3/8	1-1/4	0.05
1/4	J4771A	J4771TA*	3/8	1/2	9/32	3/8	1-1/4	0.05
9/32	–	J4777TA	7/16	1/2	9/32	3/8	1-1/4	0.06
5/16	J4772A	J4772TA*	15/32	1/2	9/32	3/8	1-1/4	0.04
11/32	–	J4778TA	1/2	1/2	9/32	3/8	1-1/4	0.05
3/8	J4773A	J4773TA*	9/16	1/2	9/32	3/8	1-1/4	0.04
7/16	J4774A	J4774TA*	5/8	1/2	9/32	3/8	1-1/4	0.05
1/2	–	J4775TA*	11/16	1/2	9/32	3/8	1-1/4	0.05
9/16	–	J4776TA	3/4	1/2	23/64	29/64	1-21/64	0.07

*SAE AS955 ASME B107.110-2012

MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
5	J4805AM	5/16	31/64	9/32	11/32	1-1/4	0.03
5.5	J48055AM	21/64	31/64	9/32	11/32	1-1/4	0.04
6	J4806AM	11/32	31/64	9/32	11/32	1-1/4	0.04
7	J4807AM	13/32	31/64	9/32	11/32	1-1/4	0.04
8	J4808AM	29/64	31/64	9/32	11/32	1-1/4	0.03
9	J4809AM	1/2	31/64	9/32	11/32	1-1/4	0.04
10	J4810AM	35/64	31/64	9/32	11/32	1-1/4	0.04
11	J4811AM	19/32	31/64	9/32	11/32	1-1/4	0.05
12	J4812AM	21/32	31/64	9/32	11/32	1-1/4	0.04
13	J4813AM	45/64	31/64	19/64	11/32	1-1/4	0.05
14	J4814AM	47/64	31/64	23/64	27/64	1-21/64	0.05
15	J4815AM	51/64	31/64	23/64	27/64	1-21/64	0.05

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

Torx® is a trademark of Acument Intellectual Properties, LLC

1/4" DRIVE BIT SOCKETS

- Bit holders have a hex opening to hold the bit, allowing the bit holder to take the full load of torque.


J4743


J4737


J4739-10W

	Size	Product #	Tip Thickness (in)	Bit Length (in)	Overall Length (in)	Weight (lbs)
Slotted	1/4"	J4743	3/64	–	1-3/16	0.05
	3/16"	J4744	1/32	–	1-53/64	0.05
	1/4"	J4745	3/64	–	1-53/64	0.06
Phillips	#1	J4737	–	–	1-13/64	0.04
	#2	J4738	–	–	1-13/64	0.05
Torx®	T10	J4739-10W	–	5/8	1-1/2	0.06
	T15	J4739-15W	–	5/8	1-1/2	0.05
	T20	J4739-20W	–	5/8	1-1/2	0.05
	T25	J4739-25W	–	5/8	1-1/2	0.05
	T27	J4739-27W	–	5/8	1-1/2	0.06
	T30	J4739-30W	–	7/8	1-3/4	0.05

1/4" DRIVE BALL END HEX BIT SOCKETS

- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.



INCH	HEX	Overall Length (in)	Weight (lbs)
1/4	J47701/4B	1-1/2	0.05
1/8	J47701/8B	1-1/2	0.05
3/16	J47703/16B	1-1/2	0.05
3/32	J47703/32B	1-1/2	0.05
5/32	J47705/32B	1-1/2	0.05
7/32	J47707/32B	1-1/2	0.05
7/64	J47707/64B	1-1/2	0.05
9/64	J47709/64B	1-1/2	0.05

1/4" DRIVE HEX BIT SOCKETS

INCH	HEX	Bit Length (in)	Overall Length (in)	Weight (lbs)
1/16	J47701/16	1	1-7/8	0.05
5/64	J47705/64	1	1-7/8	0.05
3/32	J47703/32	1	1-7/8	0.05
7/64	J47707/64	1	1-7/8	0.06
1/8	J47701/8	1	1-7/8	0.05
9/64	J47709/64	1	1-7/8	0.05
5/32	J47705/32	1	1-7/8	0.05
3/16	J47703/16	1	1-7/8	0.05
7/32	J47707/32	1	1-7/8	0.05
1/4	J47701/4	1	1-7/8	0.06
5/16	J47705/16	1	1-7/8	0.06

MM	HEX	Bit Length (in)	Overall Length (in)	Weight (lbs)	Repair Kit Part #
2	J4770-2M	1	1-7/8	0.04	–
2.5	J4770-2.5M	1	1-7/8	0.05	J4770-2.5MRKA
3	J4770-3M	1	1-7/8	0.05	J4770-3MRKA
4	J4770-4M	1	1-7/8	0.05	J4770-4MRKA
5	J4770-5M	1	1-7/8	0.05	–
6	J4770-6M	1	1-7/8	0.05	–





- Bit holders have a hex opening to hold the bit allowing the bit holder to take the full load of torque.
- Made of heat-treated alloy steel.
- Polished chrome finish on socket.



3/8" DRIVE SOCKETS

- Proto® Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.



TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	12	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/16	J5206H	–	–	5/16	43/64	23/64	21/32	1-3/32	0.07
1/4	J5208H	J5208	J5208B	25/64	43/64	23/64	21/32	1-3/32	0.05
5/16	J5210H	J5210	J5210B	15/32	43/64	23/64	21/32	1-3/32	0.05
11/32	J5211H	J5211	–	1/2	43/64	23/64	21/32	1-3/32	0.05
3/8	J5212H	J5212	J5212B	35/64	43/64	23/64	21/32	1-3/32	0.06
7/16	J5214H	J5214	J5214B	41/64	43/64	23/64	21/32	1-3/32	0.06
1/2	J5216H	J5216	J5216B	47/64	47/64	23/64	21/64	1-1/8	0.08
17/32	–	J5217	–	49/64	49/64	23/64	11/16	1-1/8	0.08
9/16	J5218H	J5218	J5218B	13/16	13/16	1/2	11/16	1-1/8	0.09
19/32	–	J5219	–	33/64	27/32	1/2	11/16	1-1/8	0.09
5/8	J5220H	J5220	J5220B	7/8	7/8	33/64	11/16	1-1/8	0.10
11/16	J5222H	J5222	J5222B	61/64	61/64	17/32	11/16	1-1/8	0.13
3/4	J5224H	J5224	J5224B	1-1/32	1-1/32	39/64	3/4	1-3/16	0.15
13/16	J5226H	J5226	J5226B	1-3/32	1-3/32	39/64	3/4	1-3/16	0.17
7/8	J5228H	J5228	J5228B	1-3/16	1-3/16	41/64	7/8	1-5/16	0.24
15/16	J5230H	J5230	J5230B	1-1/4	1-1/4	49/64	7/8	1-5/16	0.25
1	J5232H	J5232	J5232B	1-5/16	1-5/16	13/16	59/64	1-3/8	0.27

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MM	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
5.5	J52055MH	–	23/64	43/64	1/4	21/32	1-3/32	0.04
6	J5206MH	J5206M	25/64	43/64	1/4	45/64	1-3/32	0.05
7	J5207MH	J5207M	27/64	43/64	1/4	45/64	1-3/32	0.05
8	J5208MH	J5208M	15/32	43/64	1/4	45/64	1-3/32	0.06
9	J5209MH	J5209M	33/64	43/64	9/32	45/64	1-3/32	0.05
10	J5210MH	J5210M	19/32	43/64	5/16	45/64	1-3/32	0.06
11	J5211MH	J5211M	41/64	43/64	21/64	45/64	1-3/32	0.07
12	J5212MH	J5212M	45/64	45/64	9/32	1/2	1-1/8	0.05
13	J5213MH	J5213M	47/64	47/64	9/32	1/2	1-1/8	0.07
14	J5214MH	J5214M	25/32	25/32	15/32	7/16	1-1/8	0.08
15	J5215MH	J5215M	27/32	27/32	17/32	7/16	1-1/8	0.10
16	J5216MH	J5216M	55/64	55/64	17/32	7/16	1-1/8	0.10
17	J5217MH	J5217M	15/16	15/16	17/32	7/16	1-1/8	0.12
18	J5218MH	J5218M	61/64	61/64	17/32	1/2	1-3/16	0.12
19	J5219MH	J5219M	1	1	17/32	1/2	1-3/16	0.14
20	J5220MH	J5220M	1-3/32	1-3/32	5/8	1/2	1-3/16	0.17
21	J5221MH	J5221M	1-3/32	1-3/32	9/16	41/64	1-9/32	0.18
22	J5222MH	J5222M	1-11/64	1-11/64	43/64	5/8	1-5/16	0.22
23	J5223MH	J5223M	1-3/16	1-3/16	47/64	5/8	1-5/16	0.21
24	J5224MH	J5224M	1-1/4	1-1/4	49/64	37/64	1-5/16	0.23
25	J5225MH	J5225M	1-21/64	1-21/64	49/64	5/8	1-3/8	0.29
26	J5226MH	J5226M	1-21/64	1-21/64	49/64	59/64	1-3/8	0.26

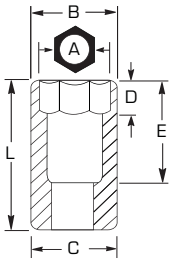
ASME B107.110-2012

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

3/8" DRIVE SOCKETS - SPLINE

- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.





STANDARD

INCH	Spline Size	SPL	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/8	12	J5212SPL	9/16	21/32	3/8	11/16	1	0.06
7/16	14	J5214SPL	5/8	11/16	7/16	3/4	1-1/16	0.06
1/2	16	J5216SPL	3/4	23/32	7/16	3/4	1-1/16	0.07
9/16	18	J5218SPL	13/16	13/16	15/32	3/4	1-1/16	0.01
5/8	20	J5220SPL	7/8	7/8	17/32	7/8	1-3/16	0.13

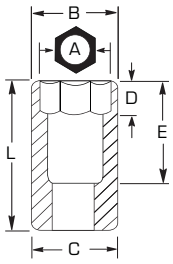
DEEP

INCH	Spline Size	SPL	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/8	12	J5012DPL	9/16	21/32	3/8	1-5/8	2-1/8	0.08
7/16	14	J5014DPL	5/8	11/16	7/16	1-5/8	2-1/8	0.10
1/2	16	J5016DPL	3/4	23/32	7/16	1-5/8	2-1/8	0.12
9/16	18	J5018DPL	13/16	13/16	15/32	1-7/8	2-3/8	0.19
5/8	20	J5020DPL	7/8	7/8	17/32	1-7/8	2-3/8	0.22

3/8" DRIVE INTERMEDIATE SOCKETS - 12 POINT

- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.
- 12-Point sockets are ideal for use on stubborn or damaged fasteners.
- Intermediate lengths give additional reach without limiting accessibility in tight spaces.





INCH	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1/4	J5208N	25/64	11/16	5/16	11/16	1-15/64	0.05
9/32	J5209N	27/64	11/16	5/16	11/16	1-15/64	0.06
5/16	J5210N	29/64	11/16	11/32	11/16	1-15/64	0.06
11/32	J5211N	31/64	11/16	3/8	11/16	1-15/64	0.06
3/8	J5212N	35/64	11/16	3/8	11/16	1-15/64	0.06
7/16	J5214N	21/32	11/16	7/16	11/16	1-15/64	0.08
1/2	J5216N	23/32	23/32	1/2	11/16	1-15/64	0.09
9/16	J5218N	51/64	51/64	9/16	7/8	1-47/64	0.13
5/8	J5220N	7/8	7/8	5/8	1	1-47/64	0.14
11/16	J5222N	61/64	61/64	11/16	1	1-47/64	0.17
3/4	J5224N	1-1/64	1-1/64	11/16	1	1-47/64	0.20
13/16	J5226N	1-1/8	1-1/8	3/4	1	1-47/64	0.24
7/8	J5228N	1-3/16	1-25/32	25/32	1-5/32	1-47/64	0.28
15/16	J5230N	1-15/64	1-15/64	1-5/32	1-3/16	1-47/64	0.28
1	J5232N	1/19/64	1-19/64	1-3/16	1-15/64	1-47/64	0.29

SAE AS954G ASME B107.110-2012

MM	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
6	J5206MN	25/64	43/64	21/64	13/32	1-17/64	0.06
7	J5207MN	7/16	43/64	21/64	7/16	1-17/64	0.06
8	J5208MN	15/32	43/64	21/64	15/32	1-17/64	0.07
9	J5209MN	33/64	43/64	3/8	33/64	1-17/64	0.06
10	J5210MN	19/32	43/64	27/64	9/16	1-33/64	0.09
11	J5211MN	21/32	43/64	15/32	19/32	1-33/64	0.09
12	J5212MN	45/64	45/64	33/64	41/64	1-33/64	0.10
13	J5213MN	47/64	47/64	17/32	43/64	1-25/32	0.14
14	J5214MN	25/32	25/32	37/64	23/32	1-25/32	0.16
15	J5215MN	27/32	27/32	39/64	3/4	1-25/32	0.17
16	J5216MN	9/16	9/16	41/64	51/64	1-25/32	0.19
17	J5217MN	15/16	15/16	21/32	53/64	1-25/32	0.22
18	J5218MN	61/64	61/64	45/64	7/8	1-25/32	0.22
19	J5219MN	1-1/32	1-1/32	47/64	29/32	1-25/32	0.24
20	J5220MN	1.085	1.085	0.776	1.009	1-25/32	0.28

SAE AS955 ASME B107.110-2012

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

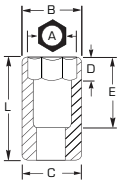
3/8" DRIVE DEEP SOCKETS

- Proto® Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.



TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners



INCH	6	12	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1/4	J5008H	J5008*	–	13/32	21/32	5/16	1-11/16	2-1/8	0.10
5/16	J5010H	J5010*	–	15/32	21/32	13/32	1-11/16	2-1/8	0.10
11/32	J5011H	J5011*	–	1/2	21/32	25/64	1-11/16	2-1/8	0.09
3/8	J5012H	J5012*	J5012B*	35/64	21/32	13/32	1-11/16	2-1/8	0.10
7/16	J5014H	J5014*	J5014B*	21/32	21/32	7/16	1-11/16	2-1/8	0.12
1/2	J5016H	J5016*	J5016B*	23/32	23/32	33/64	1-11/16	2-1/8	0.14
9/16	J5018H	J5018*	J5018B*	51/64	51/64	19/32	1-11/16	2-1/8	0.18
5/8	J5020H	J5020*	J5020B*	7/8	7/8	43/64	2-5/16	2-3/4	0.24
11/16	J5022H	J5022*	J5022B*	15/16	15/16	43/64	2-5/16	2-3/4	0.30
3/4	J5024H	J5024*	J5024B*	1-1/64	1-1/64	43/64	2-5/16	2-3/4	0.33
13/16	J5026H	J5026*	J5026B*	1-5/64	1-5/64	43/64	2-5/16	2-3/4	0.36
7/8	J5028H	J5028*	J5028B*	1-15/64	1-15/64	1-3/16	2-5/16	2-3/4	0.43
15/16	J5030H	J5030*	J5030B*	1-15/64	1-15/64	1-3/16	2-5/16	2-3/4	0.46
1	J5032H	J5032*	–	1-5/16	1-5/16	1-3/16	2-5/16	2-3/4	0.54

*SAE AS954G ASME B107.110-2012

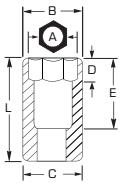
MM	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
6	J5006MH	J5006M*	25/64	21/32	5/16	1-11/16	2-1/8	0.10
7	J5007MH	J5007M*	27/64	21/32	5/16	1-11/16	2-1/8	0.09
8	J5008MH	J5008M*	15/32	21/32	5/16	1-15/16	2-1/8	0.10
9	J5009MH	J5009M*	33/64	21/32	25/64	1-11/16	2-1/8	0.10
10	J5010MH	J5010M*	37/64	21/32	25/64	1-11/16	2-1/8	0.11
11	J5011MH	J5011M*	21/32	21/32	7/16	1-11/16	2-1/8	0.12
12	J5012MH	J5012M*	45/64	45/64	33/64	1-1/2	2-1/8	0.14
13	J5013MH	J5013M*	23/32	23/32	33/64	1-1/2	2-1/8	0.15
14	J5014MH	J5014M*	25/32	25/32	19/32	1-1/2	2-1/8	0.16
15	J5015MH	J5015M*	55/64	55/64	21/32	2-5/16	2-3/4	0.24
16	J5016MH	J5016M*	55/64	55/64	21/32	2-5/16	2-3/4	0.24
17	J5017MH	J5017M*	15/16	15/16	21/32	2-5/16	2-3/4	0.28
18	J5018MH	J5018M*	15/16	15/16	21/32	2-5/16	2-3/4	0.28
19	J5019MH	J5019M*	1-1/64	1-1/64	11/16	2-5/16	2-3/4	0.33
20	J5020MH	J5020M*	1-5/64	1-5/64	11/16	2-5/16	2-3/4	0.35
21	J5021MH	J5021M*	1-5/64	1-5/64	11/16	2-5/16	2-3/4	0.35
22	J5022MH	J5022M*	1-11/64	1-11/64	11/16	2-5/16	2-3/4	0.46
23	J5023MH	J5023M*	1-15/64	1-15/64	1-3/16	2-5/16	2-3/4	0.55
24	J5024MH	–	1-9/32	1-9/32	1-3/16	2-5/16	2-3/4	0.56

*SAE AS955 ASME B107.110-2012

3/8" DRIVE SUPER SHORT SOCKETS - 6 POINT

- Proto 6 Point Sockets can be used on stubborn hex bolts or bolts made from softer materials.
- Contact stresses are dispersed over a larger area.
- Risk of rounding the fastener is reduced.
- Enables users to turn worn, rounded fasteners.





TORQUEPLUS FASTENING SYSTEM

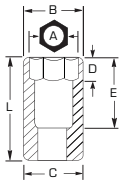
- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/16	J5206HS	21/64	43/64	3/16	19/64	3/4	0.04
1/4	J5208HS	25/64	43/64	11/64	19/64	3/4	0.03
5/16	J5210HS	15/32	43/64	9/64	21/64	49/64	0.03
3/8	J5212HS	35/64	43/64	11/64	21/64	51/64	0.04
7/16	J5214HS	39/64	43/64	7/32	7/16	7/8	0.04
1/2	J5216HS	47/64	47/64	17/64	13/32	7/8	0.05
9/16	J5218HS	51/64	51/64	3/8	29/64	57/64	0.17
5/8	J5220HS	55/64	55/64	27/64	33/64	15/16	0.09
11/16	J5222HS	15/16	15/16	15/32	1/2	15/16	0.09
3/4	J5224HS	1	29/32	27/64	1/2	1-1/64	0.11

3/8" DRIVE SOCKETS - 8 POINT

- For square fasteners.





TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

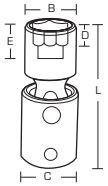
INCH	8	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1/4	J5208S	35/34	5/8	1/4	39/64	1-5/64	0.04
5/16	J5210S	9/16	5/8	1/4	39/64	1-5/64	0.05
3/8	J5212S	11/16	11/16	1/4	39/64	1-5/64	0.07
7/16	J5214S	3/4	3/4	17/64	39/64	1-5/64	0.08
1/2	J5216S	7/8	7/8	5/16	21/32	1-1/8	0.12

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

3/8" DRIVE UNIVERSAL SOCKETS

- PROTO® Sockets with TorquePlus™ are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.





TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
5/16	–	J5272A	15/32	3/4	9/32	9/32	1-3/4	0.12
3/8	J5273HA	J5273A	35/64	3/4	9/32	9/32	1-3/4	0.12
7/16	J5274HA	J5274A	41/64	3/4	5/16	5/16	1-25/32	0.12
1/2	J5275HA	J5275A	23/32	3/4	5/16	5/16	1-25/32	0.12
9/16	J5276HA	J5276A	25/32	3/4	3/8	3/8	1-7/8	0.13
5/8	J5277HA	J5277A	7/8	3/4	3/8	3/8	1-7/8	0.14
11/16	J5278HA	J5278A	31/32	3/4	13/32	15/32	1-31/32	0.15
3/4	J5279HA	J5279A	1	3/4	13/32	15/32	2	0.16
13/16	–	J5280A	1-3/32	25/32	13/32	9/16	1-7/8	0.27
15/16	–	J5282A	1-1/4	25/32	17/32	5/8	1-61/64	0.35

ASME B107.110-2012

MM	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
7	J5270HAM	–	27/64	23/32	5/16	7/16	1-49/64	0.11
8	J5271HAM	–	29/64	23/32	5/16	7/16	1-49/64	0.04
9	–	J5272AM	33/64	23/32	5/16	25/64	1-3/4	0.10
10	J5273HAM	J5273AM	35/64	23/32	11/32	25/64	1-3/4	0.10
11	J5274HAM	J5274AM	19/32	23/32	11/32	25/64	1-3/4	0.12
12	J5275HAM	J5275AM	21/32	23/32	11/32	1/2	1-3/4	0.10
13	J5276HAM	J5276AM	23/32	23/32	11/32	1/2	1-3/4	0.11
14	J5277HAM	J5277AM	25/32	23/32	3/8	33/64	1-7/8	0.13
15	J5278HAM	J5278AM	13/16	23/32	3/8	41/64	1-7/8	0.12
16	J5279HAM	J5279AM	55/64	23/32	13/32	33/64	1-57/64	0.12
17	J5280HAM	J5280AM	15/16	23/32	7/16	33/64	1-57/64	0.15
18	J5281HAM	J5281AM	63/64	23/32	7/16	33/64	1-57/64	0.16
19	J5282HAM	J5282AM	63/64	23/32	15/32	17/32	1-59/64	0.15



3/8" DRIVE SPARK PLUG SOCKETS - 6 POINT

- Chrome finish.
- With rubber insert.
- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.



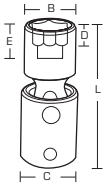
INCH	6	Nut End Outside Diameter (in)	Overall Length (in)	Weight (lbs)
5/8	J5020-50	3/16	2-1/2	0.21
13/16	J5026HPA	19/64	2-3/4	0.35

ASME B107.110-2012

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

- Chrome finish.
- With rubber insert.





INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Overall Length (in) (L)	Weight (lbs)
5/8	J5020-70A	27/32	23/32	5/16	3-19/64	0.26
13/16	J5026-50A	1-1/16	23/32	5/16	3-3/8	0.34

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

Torx® is a trademark of Acument Intellectual Properties, LLC

3/8" DRIVE DRAG LINK SOCKET

- Made of heat-treated alloy steel.
- Ball detent.

INCH	Product #	Tip Width (in)	Overall Length (in)	Weight (lbs)
11/16	J5244	1/8	1-1/8	0.06



3/8" DRIVE BIT SOCKETS

	Size	Product #	Tip Width (in)	Bit Length (in)	Overall Length (in)	Weight (lbs)
Slotted	1/4"	J5246	1/32	–	1-13/16	0.01
	5/16"	J5240A*	3/64	–	3	0.13
Phillips	#2	J5241	–	–	1-31/32	0.11
	#3	J5242	–	–	1-31/32	0.12
	#4	J5243	–	–	1-31/32	0.12
Torx®	T10	J5239-10W	–	5/8	1-23/32	0.10
	T15	J5239-15W	–	5/8	1-23/32	0.10
	T20	J5239-20W	–	5/8	1-23/32	0.10
	T25	J5239-25W	–	5/8	1-23/32	0.10
	T27	J5239-27W	–	5/8	1-23/32	0.10
	T30	J5239-30W	–	7/8	1-23/32	0.12
	T40	J5239-40W	–	7/8	1-23/32	0.11
	T45	J5239-45W	–	7/8	1-23/32	0.12
	T50	J5239-50W	–	7/8	1-23/32	0.12
	T55	J5239-55W	–	7/8	1-23/32	0.13

*One-piece design



3/8" DRIVE HEX BIT SOCKETS

	INCH	HEX	Bit Length (in)	Overall Length (in)	Weight (lbs)
STANDARD	1/8	J49901/8	1-5/8	2-23/32	0.12
	9/64	J49909/64	1-5/8	2-23/32	0.10
	5/32	J49905/32	1-5/8	2-23/32	0.12
	3/16	J49903/16	1-5/8	2-23/32	0.12
	7/32	J49907/32	1-5/8	2-23/32	0.12
	1/4	J49901/4	1-5/8	2-23/32	0.12
	5/16	J49905/16	1-5/8	2-23/32	0.13
	3/8	J49903/8	1-5/8	2-23/32	0.15
SHORT	1/8	J49901/8ST	3/4	1-13/16	0.10
	5/32	J49905/32ST	3/4	1-13/16	0.11
	3/16	J49903/16ST	3/4	1-13/16	0.10
	7/32	J49907/32ST	3/4	1-13/16	0.10
	1/4	J49901/4ST	3/4	1-13/16	0.11
	5/16	J49905/16ST	3/4	1-13/16	0.11
	3/8	J49903/8ST	3/4	1-13/16	0.12
EXTRA LONG	1/8	J49901/8XL	5	6-3/32	0.08
	5/32	J49905/32XL	5	6-3/32	0.12
	3/16	J49903/16XL	5	6-3/32	0.12
	7/32	J49907/32XL	5	6-3/32	0.13
	1/4	J49901/4XL	5	6-3/32	0.17
	5/16	J49905/16XL	5	6-3/32	0.21
	3/8	J49903/8XL	5	6-3/32	0.26
EXTRA LONG BALL END	1/8	J4904BD	5	6-3/32	0.19
	5/32	J4905BD	5	6-3/32	0.17
	3/16	J4906BD	5	6-3/32	0.17
	7/32	J4907BD	5	6-3/32	0.16
	1/4	J4908BD	5	6-3/32	0.17
	5/16	J4910BD	5	6-3/32	0.22
	3/8	J4912BD	5	6-3/32	0.28

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



Standard | Short | Extra Long | Extra Long Ball End

	MM	HEX	Bit Length (in)	Overall Length (in)	Weight (lbs)
STANDARD	4	J4990-4M	1-5/8	2-23/32	0.12
	5	J4990-5M	1-5/8	2-23/32	0.12
	6	J4990-6M	1-5/8	2-23/32	0.12
	7	J4990-7M	1-5/8	2-23/32	0.12
	8	J4990-8M	1-5/8	2-23/32	0.13
	9	J4990-9M	1-5/8	2-23/32	0.15
	10	J4990-10M	1-5/8	2-23/32	0.16
SHORT	4	J4990-4MST	11/16	1-25/32	0.08
	5	J4990-5MST	11/16	1-25/32	0.10
	6	J4990-6MST	11/16	1-25/32	0.10
	7	J4990-7MST	11/16	1-25/32	0.11
	8	J4990-8MST	11/16	1-25/32	0.10
	9	J4990-9MST	11/16	1-25/32	0.11
	10	J4990-10MST	11/16	1-25/32	0.12
EXTRA LONG	4	J4990-4MXL	5	6-3/32	0.10
	5	J4990-5MXL	5	6-3/32	0.17
	6	J4990-6MXL	5	6-3/32	0.17
	7	J4990-7MXL	5	6-3/32	0.17
	8	J4990-8MXL	5	6-3/32	0.21
	10	J4990-10MXL	5	6-3/32	0.28



Standard | Short | Extra Long

6 6 POINT | 8 8 POINT | 12 12 POINT | SPL SPLINE | HEX HEX | FULL POLISH | SATIN | BLACK OXIDE | INSULATED

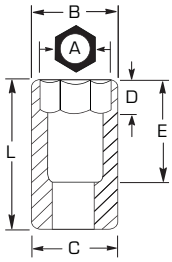
1/2" DRIVE SOCKETS

- PROTO® Sockets with TorquePlus™ are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.

TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners





INCH	6	12	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
5/16	J5410H**	J5410**	–	17/32	55/64	23/64	23/32	1-34/64	0.11
3/8	J5412H	J5412	J5412B*	9/16	55/64	23/64	7/8	1-31/64	0.11
7/16	J5414H	J5414	J5414B*	43/64	55/64	23/64	7/8	1-31/64	0.11
1/2	J5416H	J5416	J5416B*	47/64	55/64	23/64	7/8	1-31/64	0.11
9/16	J5418H	J5418	J5418B*	13/16	55/64	23/64	51/64	1-1/2	0.13
19/32	–	J5419**	–	7/8	55/64	9/16	21/32	1-1/2	0.13
5/8	J5420H	J5420	J5420B*	7/8	7/8	9/16	21/32	1-1/2	0.14
21/32	J5421H**	J5421**	–	61/64	61/64	9/16	21/32	1-1/2	0.15
11/16	J5422H	J5422	J5422B*	61/64	61/64	9/16	21/32	1-1/2	0.15
3/4	J5424H	J5424	J5424B*	1-1/32	1-1/64	11/16	21/32	1-1/2	0.15
25/32	J5425H**	J5425**	–	1-1/16	1-5/64	11/16	21/32	1-1/2	0.20
13/16	J5426H	J5426	J5426B*	1-3/32	1-5/64	11/16	21/32	1-1/2	0.23
7/8	J5428H	J5428	J5428B*	1-11/64	1-3/16	11/16	45/64	1-9/16	0.26
29/32	–	J5429	–	1-3/16	1-3/16	13/16	45/64	1-9/16	0.30
15/16	J5430H	J5430	J5430B*	1-1/4	1-1/4	13/16	45/64	1-9/16	0.33
31/32	–	J5431	–	1-9/32	1-9/32	13/16	45/64	1-9/16	0.35
1	J5432H	J5432	J5432B*	1-21/64	1-5/16	27/32	45/64	1-9/16	0.38
1-1/16	J5434H	J5434	J5434B*	1-13/32	1-25/64	13/16	25/32	1-5/8	0.42
1-1/8	J5436H	J5436	J5436B*	1-31/64	1-31/64	15/16	29/32	1-3/4	0.47
1-3/16	J5438H	J5438	J5438B	1-9/16	1-17/32	59/64	29/32	1-3/4	0.59
1-1/4	J5440H	J5440	J5440B*	1-39/64	1-37/64	1	7/8	1-3/4	0.66
1-5/16	J5442H	J5442	J5442B	1-21/32	1-41/64	27/32	1-19/64	1-55/64	0.69
1-3/8	J5444H	J5444	J5444B	1-25/32	1-5/8	25/32	1-19/64	2	0.79
1-7/16	J5446H	J5446	J5446B	1-59/64	1-5/8	27/32	1-19/64	2-1/8	0.98
1-1/2	J5448H	J5448	J5448B*	1-63/64	1-5/8	27/32	1-19/64	2-1/4	1.12
1-9/16	J5450H	–	–	2-1/32	1-5/8	1	1-9/32	2-1/4	1.12

*SAE AS4984A ASME B107.110-2012

**Meets and exceeds ASME B107.110-2012 only



1/2" DRIVE SOCKETS (CONT'D)

MM	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
8	J5408MH	J5408M	35/64	55/64	23/64	25/32	1-19/64	0.11
9	J5409MH	J5409M	19/32	55/64	23/64	25/32	1-31/64	0.11
10	J5410MH	J5410M	39/64	55/64	23/64	55/64	1-31/64	0.11
11	J5411MH	J5411M	45/64	55/64	23/64	55/64	1-31/64	0.11
12	J5412MH	J5412M	47/64	55/64	23/64	55/64	1-31/64	0.11
13	J5413MH	J5413M	3/4	55/64	23/64	55/64	1-31/64	0.12
14	J5414MH	J5414M	13/16	55/64	23/64	7/8	1-1/2	0.13
15	J5415MH	J5415M	55/64	55/64	37/64	7/8	1-1/2	0.13
16	J5416MH	J5416M	7/8	7/8	37/64	7/8	1-1/2	0.13
17	J5417MH	J5417M	61/64	61/64	37/64	7/8	1-1/2	0.14
18	J5418MH	J5418M	61/64	61/64	37/64	7/8	1-1/2	0.17
19	J5419MH	J5419M	1-1/32	1-1/32	11/16	27/32	1-1/2	0.19
20	J5420MH	J5420M	1-3/32	1-3/32	11/16	27/32	1-1/2	0.22
21	J5421MH	J5421M	1-3/32	1-3/32	11/16	27/32	1-1/2	0.24
22	J5422MH	J5422M	1-11/64	1-11/64	11/16	27/32	1-17/32	0.26
23	J5423MH	J5423M	1-13/64	1-13/64	25/32	59/64	1-17/32	0.27
24	J5424MH	J5424M	1-1/4	1-1/4	53/64	59/64	1-17/32	0.28
25	J5425MH	J5425M	1-9/32	1-9/32	53/64	59/64	1-17/32	0.30
26	J5426MH	J5426M*	1-21/64	1-21/64	55/64	63/64	1-39/64	0.33
27	J5427MH	J5427M	1-13/32	1-13/32	15/16	1-3/64	1-43/64	0.39
28	J5428MH	J5428M*	1-31/64	1-31/64	63/64	1-5/32	1-25/32	0.48
29	J5429MH	J5429M*	1-31/64	1-31/64	63/64	1-5/32	1-25/32	0.62
30	J5430MH	J5430M	1-9/16	1-17/32	63/64	1-5/32	1-25/32	0.63
31	J5431MH	J5431M*	1-39/64	1-39/64	1-1/16	1-5/32	1-25/32	0.63
32	J5432MH	J5432M	1-39/64	1-39/64	1-1/8	1-7/32	1-27/32	0.63
34	J5434MH	J5434M	1-49/64	1-49/64	1	1-35/64	1-27/32	0.63
36	J5436MH	J5436M	1-31/32	1-31/32	1-3/8	1-39/64	2-15/64	1.04
38	–	J5438M	2-1/32	2-1/32	1-3/8	1-39/64	2-1/4	1.04

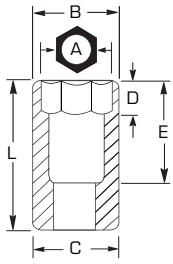
*SAE AS955 ASME B107.110-2012

**Meets and exceeds ASME B107.110-2012 only

1/2" DRIVE SOCKETS - 8 POINT

- For square nuts





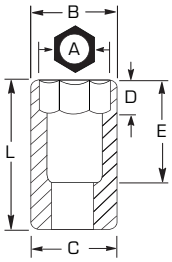
INCH	8	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/8	J5412S	45/64	55/64	1/4	1-1/64	1-7/16	0.11
7/16	J5414S	51/64	51/64	5/16	1-1/8	1-7/16	0.11
1/2	J5416S	59/64	59/64	11/32	1-3/32	1-7/16	0.11
9/16	J5418S	1	1	3/8	1-1/64	1-1/2	0.13
5/8	J5420S	1-5/64	1-5/64	37/64	1-3/32	1-1/2	0.14
11/16	J5422S	1-11/64	1-11/64	13/32	1-1/64	1-1/2	0.15
3/4	J5424S	1-15/64	1-15/64	29/64	1-1/16	1-1/2	0.18
13/16	J5426S	1-23/64	1-23/64	27/32	1-5/32	1-5/8	0.23
7/8	J5428S	1-1/2	1-1/2	27/32	1-1/8	1-5/8	0.51
1	J5432S	1-11/16	1-11/16	3/4	11/16	1-3/4	0.80

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/2" DRIVE SOCKETS - SPLINE







STANDARD

INCH	Spline Size	SPL	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1/2	16	J5416SPL	7/8	7/8	31/64	13/16	1-7/16	0.11
9/16	18	J5418SPL	7/8	7/8	31/64	13/16	1-7/16	0.11
11/16	22	J5422SPL	61/64	61/64	17/32	1-1/16	1-9/16	0.17
3/4	24	J5424SPL	1-3/64	1-3/64	17/32	1-1/16	1-9/16	0.20
13/16	26	J5426SPL	1-1/8	1-1/8	17/32	1-1/16	1-9/16	0.23
7/8	28	J5428SPL	1-3/16	1-3/16	17/32	1-1/16	1-9/16	0.24
15/16	30	J5430SPL	1-5/16	1-5/16	17/32	1-1/16	1-9/16	0.30

DEEP

INCH	Spline Size	SPL	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
5/8	20	J5320DPL	7/8	7/8	33/64	2-7/8	3-3/8	0.32
11/16	22	J5322DPL	61/64	61/64	17/32	2-7/8	3-3/8	0.29
3/4	24	J5324DPL	1-3/64	1-3/64	17/32	2-7/8	3-3/8	0.33
13/16	26	J5326DPL	1-1/8	1-1/8	17/32	2-7/8	3-3/8	0.37
15/16	30	J5330DPL	1-5/16	1-5/16	17/32	2-7/8	3-3/8	0.48

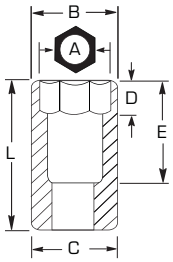
1/2" DRIVE INTERMEDIATE SOCKETS - 12 POINT

- Full polish sockets meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance and durability.
- 12-Point sockets are ideal for use on stubborn or damaged fasteners.
- Intermediate lengths give additional reach without limiting accessibility in tight spaces.

TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners





INCH	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/8	J5412N	9/16	55/64	3/8	11/16	1-17/32	0.09
7/16	J5414N	43/64	55/64	7/16	11/16	1-17/32	0.11
1/2	J5416N	43/64	55/64	7/16	11/16	1-17/32	0.11
9/16	J5418N	13/16	55/64	5/8	11/16	1-5/8	0.12
5/8	J5420N	55/64	55/64	5/8	25/32	1-45/64	0.12
11/16	J5422N	61/64	61/64	13/16	27/32	1-47/64	0.13
3/4	J5424N	1-1/64	1-1/64	15/16	1	1-3/4	0.14
13/16	J5426N	1-3/32	1-3/32	31/32	1-1/32	1-3/4	0.21
7/8	J5428N	1-3/16	1-3/16	1	1-9/64	1-13/16	0.26
15/16	J5430N	1-1/4	1-1/4	1	1-3/16	1-7/8	0.27
1	J5432N	1-21/64	1-21/64	1-1/16	1-15/64	1-59/64	0.29
1-1/16	J5434N	1-7/16	1-7/16	1-1/8	1-7/32	1-61/64	0.46

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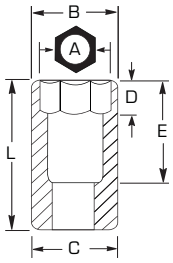
MM	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
10	J5410MN	9/16	55/64	3/8	11/16	1-17/32	0.09
11	J5411MN	43/64	55/64	7/16	11/16	1-17/32	0.11
12	J5412MN	43/64	55/64	7/16	11/16	1-17/32	0.11
13	J5413MN	13/16	55/64	5/8	11/16	1-5/8	0.12
14	J5414MN	13/16	55/64	5/8	11/16	1-5/8	0.12
15	J5415MN	13/16	55/64	5/8	11/16	1-5/8	0.12
16	J5416MN	55/64	55/64	5/8	25/32	1-45/64	0.12
17	J5417MN	61/64	61/64	13/16	27/32	1-47/64	0.13
18	J5418MN	61/64	61/64	13/16	27/32	1-47/64	0.13
19	J5419MN	1-1/64	1-1/64	15/16	1	1-3/4	0.14
20	J5420MN	1-3/32	1-3/32	31/32	1-1/32	1-3/4	0.21
21	J5421MN	1-3/32	1-3/32	11/16	27/32	1-13/32	0.21
22	J5422MN	1-11/64	1-11/64	11/16	57/64	1-35/64	0.26
23	J5423MN	1-3/16	1-3/16	1	1-9/64	1-13/16	0.26
24	J5424MN	1-1/4	1-1/4	1	1-3/16	1-7/8	0.27
25	J5425MN	1-21/64	1-21/64	1-1/16	1-15/64	1-59/64	0.29
30	J5430MN	1-1/2	1-1/2	1-1/8	1-19/64	2	0.50

SAE AS955 ASME B107.110-2012

6 POINT · 8 POINT · 12 POINT · SPLINE · HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/2" DRIVE DEEP SOCKETS





TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	12	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/8	J5312H	J5312*	–	9/16	7/8	1/4	2-39/64	3-1/4	0.28
7/16	J5314H	J5314*	–	9/16	7/8	23/64	2-39/64	3-1/4	0.28
1/2	J5316H	J5316*	J5316B*	47/64	55/64	25/32	2-39/64	3-1/4	0.29
9/16	J5318H	J5318*	J5318B*	13/16	27/32	15/16	2-39/64	3-1/4	0.29
5/8	J5320H	J5320*	J5320B*	7/8	7/8	1-7/32	2-39/64	3-1/4	0.30
11/16	J5322H	J5322*	J5322B*	31/32	31/32	1-7/32	2-39/64	3-1/4	0.42
3/4	J5324H	J5324*	J5324B*	1-3/64	1-3/64	1-7/32	2-39/64	3-1/4	0.42
13/16	J5326H	J5326*	J5326B*	1-3/32	1-3/32	1-7/32	2-39/64	3-1/4	0.52
7/8	J5328H	J5328*	J5328B*	1-11/64	1-11/64	1-7/32	2-39/64	3-1/4	0.58
15/16	J5330H	J5330*	J5330B*	1-1/4	1-1/4	1-7/32	2-39/64	3-1/4	0.67
1	J5332H	J5332*	J5332B*	1-21/64	1-21/64	1-7/32	2-29/64	3-1/4	0.67
1-1/16	J5334H	J5334*	J5334B*	1-13/32	1-13/32	1-9/32	2-29/64	3-1/4	0.75
1-1/8	J5336H	J5336*	J5336B*	1-1/2	1-1/2	1-5/32	2-29/64	3-1/4	0.83
1-3/16	J5338H	J5338*	–	1-35/64	1-35/64	1-7/64	2-1/4	3-1/4	0.83
1-1/4	J5340H	J5340*	J5340B*	1-9/16	1-9/16	1-13/32	2-29/64	3-1/4	1.06
1-5/16	J5342H	J5342*	–	1-7/8	1-5/8	27/32	2-1/4	3-1/2	1.06
1-3/8	J5344H	J5344*	–	1-7/8	1-5/8	61/64	2-1/4	3-1/2	1.23
1-7/16	J5346H	J5346*	–	2-1/16	1-5/8	61/64	2-1/4	3-1/2	1.27
1-1/2	J5348H	J5348*	–	2-1/16	1-5/8	1	2-1/4	3-1/2	1.58

*SAE AS954G ASME B107.110-2012

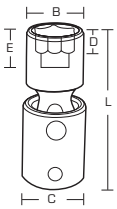
MM	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
10	J5310M	39/64	55/64	19/32	2-3/32	3-1/4	0.25
11	J5311M	45/64	55/64	5/8	2-3/32	3-1/4	0.25
12	J5312M	47/64	55/64	43/64	2-3/32	3-1/4	0.26
13	J5313M	3/4	55/64	43/64	2-3/32	3-1/4	0.26
14	J5314M	27/32	27/32	15/16	2-3/32	3-1/4	0.30
15	J5315M	55/64	55/64	1-1/16	2-3/32	3-1/4	0.32
16	J5316M	55/64	55/64	1-3/16	2-3/32	3-1/4	0.32
17	J5317M	61/64	61/64	1-3/16	2-3/32	3-1/4	0.33
18	J5318M	63/64	63/64	1-3/16	2-3/32	3-1/4	0.33
19	J5319M	1-3/64	1-3/64	1-3/16	2-3/32	3-1/4	0.37
20	J5320M	1-3/32	1-3/32	1-3/16	2-3/32	3-1/4	0.46
21	J5321M	1-3/32	1-3/32	1-3/16	2-3/32	3-1/4	0.51
22	J5322M	1-11/64	1-11/64	1-3/16	2-3/32	3-1/4	0.51
23	J5323M	1-13/64	1-13/64	1-3/16	2-3/32	3-1/4	0.51
24	J5324M	1-1/4	1-1/4	1-3/16	2-3/32	3-1/4	0.51
25	J5325M	1-5/16	1-5/16	1-3/16	2-3/32	3-1/4	0.62
26	J5326M	1-21/64	1-21/64	1-3/16	2-3/32	3-1/4	0.63
27	J5327M	1-1/64	1-1/64	1-7/64	2-3/32	3-1/4	0.65
28	J5328M	1-3/32	1-31/64	1-7/64	2-3/32	3-1/4	0.68
29	J5329M	1-31/64	1-31/64	1-7/64	2-3/32	3-1/4	0.68
30	J5330M	1-9/16	1-9/16	1-7/64	2-5/8	3-1/4	0.70
31	J5331M	1-39/64	1-39/64	1-7/64	2-5/8	3-1/4	0.73
32	J5332M	1-39/64	1-39/64	1-7/64	2-5/8	3-1/4	0.73
36	J5336M	1-31/32	1-31/32	1-7/64	2-5/8	3-1/4	0.99

SAE AS955 ASME B107.110-2012

1/2" DRIVE UNIVERSAL SOCKETS

- Universal sockets permit turning at an angle up to 65° where obstructions may prevent a straight application.





TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

12 POINT

INCH	Product #	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1/2	J5475A	23/32	15/16	3/8	29/64	2-15/32	0.25
9/16	J5476A	13/16	15/16	13/32	1/2	2-21/32	0.26
5/8	J5477A	15/16	15/16	29/64	1/2	2-21/32	0.27

1/2" DRIVE DRAG LINK SOCKETS

- Made of heat-treated alloy steel.
- Ball detent.

INCH	Product #	Tip Width (in)	Overall Length (in)	Weight (lbs)
3/4	J5444A	0.115	1-5/8	0.14



1/2" DRIVE SPARK PLUG SOCKETS - 6 POINT

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

INCH	6	Overall Length (in)	Weight (lbs)
5/8	J5320-50	2-1/2	0.23
13/16	J5326HPA	2-47/64	0.35

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TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1/2" DRIVE SCREWDRIVER BIT SOCKETS

- Made of heat-treated alloy steel.
- Ball detent.

	Size	Product #	Tip Width (in)	Overall Length (in)	Weight (lbs)
Slotted	7/16"	⊖ J5407A	1/16	3-5/32	0.2
	1/2"	⊖ J5408A	5/64	3-5/32	0.22
	5/8"	⊖ J5409A	3/32	3-5/32	0.27
Phillips	#2	⊕ J5402	2-5/32	2-5/32	0.19
	#3	⊕ J5403	2-5/32	2-5/32	0.18
	#4	⊕ J5404	2-5/32	2-5/32	0.19



Slotted



Phillips

1/2" DRIVE HEX BIT SOCKETS

- Bit holders have a hex opening to hold the bit allowing the bit holder to take the full load of torque.
- Made of heat-treated alloy steel.
- Polished chrome finish.

	INCH	HEX	Bit Length (in)	Overall Length (in)	Weight (lbs)
STANDARD	1/4	J54411/4*	1-3/4	3-1/4	0.19
	5/16	J54415/16*	1-3/4	3-1/4	0.22
	3/8	J54413/8*	1-3/4	3-1/4	0.25
	7/16	J54417/16*	1-3/4	3-1/4	0.28
	1/2	J54411/2*	1-7/8	3-5/8	0.46
	9/16	J54419/16*	1-7/8	3-5/8	0.50
	5/8	J54415/8*	2	4	0.85
	3/4	J54413/4*	2	4	0.92
EXTRA LONG	1/4	J54411/4XL	3-1/8	4-5/8	0.20
	5/16	J54415/16XL	4-1/8	5-5/8	0.29
	3/8	J54413/8XL	4-1/8	5-5/8	0.42
	1/2	J54411/2XL	5-3/8	7-1/8	0.60
	9/16	J54419/16XL	5-3/8	7-1/8	0.77
	5/8	J54415/8XL	5-3/16	7-3/16	0.86

*SAE AS4984A

	MM	HEX	Bit Length (in)	Overall Length (in)	Weight (lbs)
STANDARD	6	J5441-6M*	1-3/4	3-1/4	0.20
	8	J5441-8M*	1-3/4	3-1/4	0.22
	10	J5441-10M*	1-3/4	3-1/4	0.26
	12	J5441-12M*	1-3/4	3-1/4	0.29
	13	J5441-13M*	1-7/8	3-41/64	0.46
	14	J5441-14M*	1-7/8	3-41/64	0.50
	15	J5441-15M*	1-7/8	3-41/64	0.50
	17	J5441-17M*	2	4	0.87
	18	J5441-18M*	2	4	0.90
	19	J5441-19M*	2	4	0.94
EXTRA LONG	12	J5441-12MXL	5-5/8	7-1/8	0.50
	14	J5441-14MXL	5-3/8	7-1/8	0.75
	17	J5441-17MXL	5-1/8	7-1/8	1.20

*SAE AS4984A



Standard

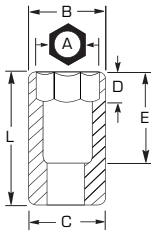


Extra Long

3/4" DRIVE SOCKETS - 12 POINT

- Proto® 12 Point Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Ball detent design.
- Made of heat-treated alloy steel.
- Side locking hole.





TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/4	J5524	1-5/16	1-5/16	19/32	1-1/16	2	0.35
13/16	J5526	1-5/16	1-5/16	21/32	1-1/16	2	0.36
7/8	J5528	1-5/16	1-5/16	45/64	1-1/16	2	0.46
15/16	J5530	1-7/16	1-7/16	3/4	1-1/16	2	0.51
1	J5532	1-1/2	1-1/2	3/4	1-1/16	2	0.56
1-1/16	J5534	1-37/64	1-37/64	3/4	1-1/16	2	0.61
1-1/8	J5536	1-37/64	1-15/32	25/32	1	2-7/32	0.72
1-3/16	J5538	1-37/64	1-15/32	25/32	1	2-7/32	0.61
1-1/4	J5540*	1-13/16	1-19/32	13/16	1-5/32	2-15/64	0.87
1-5/16	J5542*	1-7/8	1-19/32	27/32	1-5/32	2-9/32	0.89
1-3/8	J5544*	1-7/8	1-5/8	29/32	1-5/32	2-9/32	0.84
1-7/16	J5546*	2-3/64	1-5/8	61/64	1-1/4	2-13/32	1.07
1-1/2	J5548*	2-3/64	1-5/8	1	1-1/4	2-13/32	0.94
1-9/16	J5550*	2-3/16	1-23/32	1-3/64	1-15/16	2-5/8	0.97
1-5/8	J5552*	2-15/64	1-3/4	1-7/64	1-15/16	2-5/8	1.03
1-11/16	J5554*	2-3/8	1-3/4	1-5/32	1-15/32	2-3/4	1.14
1-3/4	J5556*	2-3/8	1-3/4	1-13/64	1-15/32	2-3/4	1.30
1-13/16	J5558	2-9/16	1-3/4	1-1/4	1-39/64	2-29/32	1.41
1-7/8	J5560	2-9/16	1-3/4	1-19/64	1-39/64	2-31/32	1.55
2	J5564	2-47/64	2	1-3/4	1-3/4	3-7/64	1.59
2-1/16	J5566	2-49/64	2-1/32	1-3/4	1-3/4	3-5/32	1.60
2-1/8	J5568	2-61/64	2-3/32	1-13/16	1-13/16	3-9/32	1.64
2-3/16	J5570	2-61/64	2-3/32	1-13/16	2-5/32	3-9/32	1.90
2-1/4	J5572	3-17/64	2-3/32	1-61/64	2-3/16	3-13/32	1.91
2-3/8	J5576	3-17/64	2-29/64	2-1/8	2-3/16	3-43/64	2.28

*SAE AS954G ASME B107.110-2012

6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX FULL POLISH SATIN BLACK OXIDE INSULATED

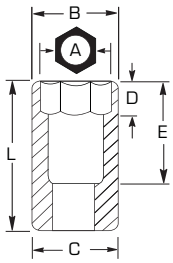
3/4" DRIVE SOCKETS (CONT'D)

MM	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
19	J5519M	1-1/8	1-19/64	9/16	1-5/16	2	0.36
20	J5520M	1-3/16	1-19/64	9/16	1-5/16	2	0.37
21	J5521M	1-17/64	1-19/64	9/16	1-5/16	2	0.40
22	J5522M	1-5/16	1-19/64	9/16	1-5/16	2	0.41
23	J5523M	1-13/32	1-13/32	9/16	1-5/16	2	0.52
24	J5524M	1-7/16	1-7/16	9/16	1-5/16	2	0.41
25	J5525M	1-31/64	1-31/64	5/8	1-5/16	2	0.60
26	J5526M	1-1/2	1-1/2	5/8	1-5/16	2	0.59
27	J5527M	1-35/64	1-35/64	11/16	1-5/16	2	0.62
28	J5528M	1-19/32	1-31/64	3/4	1-5/16	2-7/32	0.64
29	J5529M	1-19/32	1-31/64	49/64	1-5/16	2-7/32	0.65
30	J5530M	1-19/32	1-31/64	49/64	1-5/16	2-7/32	0.63
31	J5531M	1-47/64	1-47/64	13/16	1-5/16	2-7/32	0.72
32	J5532M*	1-25/32	1-31/64	13/16	1-5/16	2-7/32	0.78
35	J5535M*	1-55/64	1-19/32	1-5/32	1-5/16	2-9/32	0.87
36	J5536M*	2-3/64	1-19/32	1-15/64	1-5/16	2-13/32	1.09
38	J5538M*	2-3/64	1-19/32	1-15/64	1-5/16	2-13/32	1.04
41	J5541M*	2-15/64	1-23/32	1-9/32	1-5/16	2-39/64	1.06
42	J5542M*	2-23/64	1-23/32	1-15/32	1-5/16	2-23/32	1.06
46	J5546M*	2-37/64	1-25/32	1-39/64	1-5/16	2-31/32	1.45
50	J5550M*	2-49/64	2-1/32	1-47/64	1-5/16	3-5/32	2.39
54	J5554M*	2-15/16	2-3/32	1-3/8	1-5/16	3-9/32	1.97
55	J5555M*	2-15/16	2-3/32	1-13/16	1-5/16	3-9/32	2.64
58	J5558M*	3-9/64	2-3/32	1-61/64	1-5/16	3-13/32	2.99
60	J5560M*	3-17/64	2-17/32	2-1/8	1-5/16	3-21/32	2.27

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3/4" DRIVE SOCKETS - SPLINE





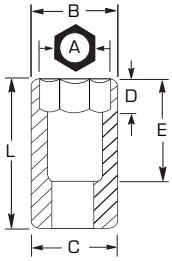
INCH	Spline Size	SPL	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
15/16	30	J5530SPL	1-3/8	1-3/8	3/4	3/4	1-7/8	0.36
1-1/16	34	J5534SPL	1-1/2	1-1/2	7/8	1-3/32	1-31/32	0.53



3/4" DRIVE DEEP SOCKETS - 6 POINT

- Proto® 6 Point Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Made from alloy steel.
- Heat-treated for strength and durability.
- Hand use only.
- Ball detent design.





TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
7/8	J5528HL	1-3/8	1-3/8	9/16	2-9/16	3-1/2	0.91
15/16	J5530HL	1-7/16	1-7/16	9/16	2-9/16	3-1/2	0.80
1	J5532HL	1-1/2	1-1/2	5/8	2-9/16	3-1/2	1.11
1-1/16	J5534HL	1-9/16	1-7/16	11/16	2-9/16	3-1/2	0.97
1-1/8	J5536HL	1-19/32	1-1/2	25/32	2-3/8	3-1/2	1.12
1-1/4	J5540HL	1-13/16	1-21/32	13/16	2-11/32	3-1/2	1.28
1-5/16	J5542HL	1-55/64	1-21/32	27/32	2-19/64	3-1/2	1.32
1-3/8	J5544HL	1-55/64	1-21/32	29/32	2-9/32	3-1/2	1.64
1-7/16	J5546HL	2-1/16	1-21/32	61/64	2-1/4	3-1/2	1.65
1-1/2	J5548HL	2-1/16	1-1/32	1	2-1/4	3-1/2	1.65
1-5/8	J5552HL	2-1/4	1-3/4	1-7/64	2-13/64	3-1/2	1.52

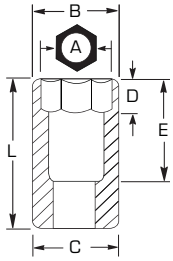
ASME B107.110-2012

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

1" DRIVE SOCKETS - 12 POINT

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





TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1-1/16	J5734	1-41/64	1-29/32	3/4	1	2-7/16	0.96
1-1/8	J5736	1-41/64	1-29/32	3/4	1	2-7/16	0.91
1-3/16	J5738	1-45/64	1-29/32	7/8	1-1/8	2-7/16	0.91
1-1/4	J5740	1-29/32	1-29/32	7/8	1-1/8	2-1/2	0.82
1-5/16	J5742	2-1/32	2-1/32	7/8	1-5/32	2-21/32	1.39
1-3/8	J5744	2-1/32	2-1/32	1	1-1/4	2-21/32	0.90
1-7/16	J5746	2-1/4	2-1/32	1	1-19/64	2-3/4	0.92
1-1/2	J5748	2-1/4	2-1/32	1	1-19/64	2-3/4	1.53
1-5/8	J5752	2-3/8	2-5/32	1	1-7/8	3-1/4	1.18
1-11/16	J5754	2-3/8	2-5/32	1	1-7/8	3-1/4	1.89
1-3/4	J5756	2-3/8	2-5/32	1	1-25/32	3-1/4	2.07
1-13/16	J5758	2-1/2	2-5/32	1-1/8	1-7/8	3-5/16	2.03
1-7/8	J5760	2-11/16	2-13/32	1-1/4	1-61/64	3-5/16	2.10
1-15/16	J5762	2-11/16	2-13/32	1-1/8	1-61/64	3-25/64	2.42
2	J5764	2-11/16	2-13/32	1-3/8	1-61/64	3-7/16	2.37
2-1/8	J5768	2-15/16	2-13/32	1-3/8	2-1/16	3-5/8	2.96
2-3/16	J5770	3-5/64	2-13/32	1-3/8	2-5/32	3-3/4	3.03
2-1/4	J5772	3-5/64	2-13/32	1-1/2	2-1/4	3-13/16	3.23
2-3/8	J5776	3-17/64	2-13/32	1-1/2	2-11/32	4	3.08
2-7/16	J5778	3-17/64	2-13/32	1-11/16	2-11/32	3-13/32	3.20
2-1/2	J5780	3-37/64	2-21/32	1-5/8	2-27/64	4-1/8	3.33
2-9/16	J5782	3-37/64	2-21/32	1-5/8	2-27/64	4-1/8	3.22
2-5/8	J5784	3-37/64	2-21/32	2-3/8	2-3/8	4-1/8	3.70
2-3/4	J5788	1-13/16	2-21/32	1-3/4	2-21/32	4-7/16	4.82
2-15/16	J5794	4-9/64	3-5/32	1-7/8	2-27/32	4-11/16	5.05
3	J5796	4-9/64	3-5/32	1-53/64	3-1/32	4-11/16	5.61
3-1/8	J5800	4-3/8	3-5/32	2	3-1/32	4-15/16	5.95
3-1/2	J5812	4-11/16	3-5/32	2-1/4	3-1/8	5-1/8	9.11

SOCKET RAIL & STUD SETS

- Lightweight, anodized aluminum rails provide durability without sacrificing added weight.
- 360-degree rotating studs allow for perfect positioning on sockets for maximum visibility of the size markings.
- Includes socket studs featuring metal ball detent for strong hold on sockets.



Product #	Drive Size (in)	# of Studs	Overall Length (in)	Weight (lbs)
J2501RS	1/4	8	6	0.08
J2502RS	1/4	11	9	0.13
J2503RS	3/8	7	6	0.09
J2504RS	3/8	13	13	0.22
J2505RS	1/2	12	17	0.34

SOCKET RAILS

- Lightweight, anodized aluminum rails provide durability without sacrificing added weight.
- Customize with socket studs and rail magnets for optimal socket organization. Stud and magnet packs sold separately.



Product #	Drive Size (in)	# of Rails	Overall Length (in)	Weight (lbs)
J2506R	1/4 & 3/8	1	6	0.07
J2507R	1/4 & 3/8	1	9	0.11
J2508R	1/2	1	9	0.11
J2509R	3/8	1	13	0.16
J2510R	1/2	1	13	0.15
J2511R	1/2	1	17	0.23

SOCKET STUD PACKS

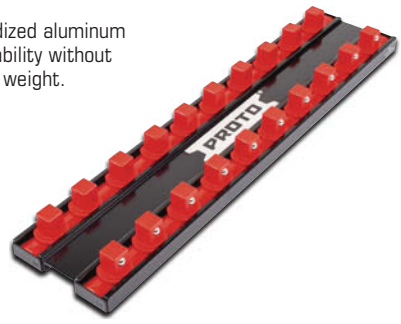
- 360-degree rotating studs allow for perfect positioning of sockets for maximum visibility of the size markings.
- Socket studs feature metal ball detent for a strong hold on sockets.
- Pair with socket rails for custom organization. Socket Rails sold separately.



Product #	Drive Size (in)	# of Studs	Overall Length (in)	Weight (lbs)
J2512S	1/4	5	–	0.25
J2513S	3/8	5	–	0.02
J2514S	1/2	5	–	0.03
J2515S	1/4	10	–	0.50
J2516S	3/8	10	–	0.03
J2517S	1/2	10	–	0.06

STUD RAIL TRAY SETS

- Lightweight, anodized aluminum rails provide durability without sacrificing added weight.



Product #	Drive Size (in)	# of Trays	Overall Length (in)	Weight (lbs)
J2518TS	3/8	20	14	0.47
J2519TS	1/2	20	14	0.63

6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · HEX HEX · FULL POLISH · SATIN · BLACK OXIDE · INSULATED

SOCKET BARS SETS

- Heavy gauge all welded steel construction.

Product #	Drive Size (in)	# of Clips	Overall Length (in)	Weight (lbs)
J2570	1/4	10	9	0.15
J2571	1/4	16	17	0.21
J2572	3/8	10	9	0.16
J2573	3/8	16	17	0.23
J2575	1/2	16	17	0.28
J2576	3/4	5	9	0.19
J2577	3/4	8	17	0.30
J251038	3/8	10	9	0.19
J251414	1/4	14	9	0.19



SOCKET BARS

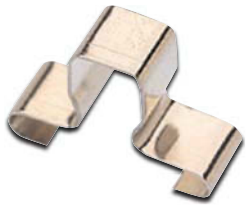
- All clips fit all bars.



Product #	Overall Length (in)	Weight (lbs)
J2584	6-1/4	0.06
J2585	9	0.08
J2586	13	0.11
J2587	17	0.15
J2588	11	0.10

SOCKET CLIPS

- All clips fit all bars.



Product #	Drive Size (in)	Weight (lbs)
J2590	1/4	0.01
J2591	3/8	0.01
J2592	1/2	0.01
J2594	3/4	0.01

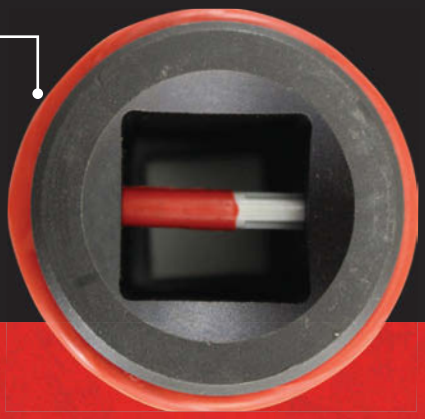
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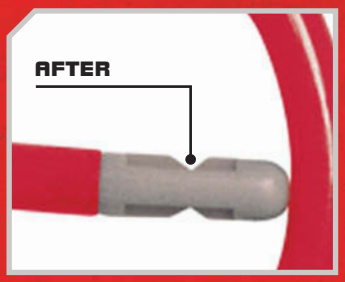
IMPACT SOCKET SAFETY

This is your sign of safety.





Straight Pin with Smooth Sides.

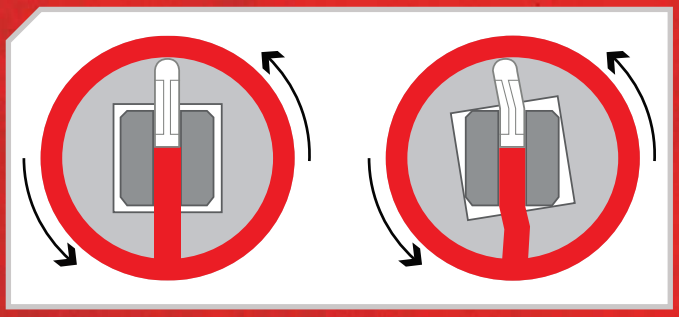


Bent Pin with Notched Sides.

RETAINING SAFETY

Properly used, retaining rings hold sockets firmly in place on drive anvils.

- Always use retaining rings with pneumatic drive anvils and sockets.
- Install rings correctly to ensure all rotational force stays between the anvil and socket as rings are only intended to support the weight of the socket.
- Consider using crush gauge rings for added safety.
- Be sure to inspect both drive anvil and socket carefully before using.



HOW THE CRUSH GAUGE IMPROVES SAFETY

Cracked or worn sockets pose a safety hazard. Our Crush Gauge Ring can indicate wear before there's a catastrophic failure. When a socket is cracked or excessively worn or when an anvil is worn, the drive tool and socket don't rotate tightly together. That action crimps the pin or "crush gauge" on the retaining ring. If that happens, you know to inspect and replace the socket or drive anvil.

RETAINING RINGS

When used correctly, retaining rings improve both the safety and performance of pneumatic impact drivers. Proto® offers three styles:

Crush Gauge Rings



One-Piece Rings



Traditional Rings



1/4" DRIVE 13 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J69206

6 MM



Contents	Description
J6904M*	Socket, Impact 1/4" DR 4 mm 6 PT
J6905M	Socket, Impact 1/4" DR 5 mm 6 PT
J69055M	Socket, Impact 1/4" DR 5.5 mm 6 PT
J6906M	Socket, Impact 1/4" DR 6 mm 6 PT
J6907M	Socket, Impact 1/4" DR 7 mm 6 PT
J6908M	Socket, Impact 1/4" DR 8 mm 6 PT
J6909M	Socket, Impact 1/4" DR 9 mm 6 PT
J6910M	Socket, Impact 1/4" DR 10 mm 6 PT
J6911M	Socket, Impact 1/4" DR 11 mm 6 PT
J6912M	Socket, Impact 1/4" DR 12 mm 6 PT
J6913M	Socket, Impact 1/4" DR 13 mm 6 PT
J6914M	Socket, Impact 1/4" DR 14 mm 6 PT
J6915M	Socket, Impact 1/4" DR 15 mm 6 PT
J2588	Socket Bar, 11"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.88 ASME B107.110-2012

*This size not covered under ASME Standards

1/4" DRIVE 11 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J69106

6 INCH



Contents	Description
J6906H	Socket, Impact 1/4" DR 3/16" 6 PT
J6907H	Socket, Impact 1/4" DR 7/32" 6 PT
J6908H	Socket, Impact 1/4" DR 1/4" 6 PT
J6909H	Socket, Impact 1/4" DR 9/32" 6 PT
J6910H	Socket, Impact 1/4" DR 5/16" 6 PT
J6911H	Socket, Impact 1/4" DR 11/32" 6 PT
J6912H	Socket, Impact 1/4" DR 3/8" 6 PT
J6914H	Socket, Impact 1/4" DR 7/16" 6 PT
J6916H	Socket, Impact 1/4" DR 1/2" 6 PT
J6918H	Socket, Impact 1/4" DR 9/16" 6 PT
J6920H*	Socket, Impact 1/4" DR 5/8" 6 PT
J2585	Socket Bar, 9"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.66 ASME B107.110-2012

*This size not covered under ASME Standards

1/4" DRIVE 11 PIECE DEEP IMPACT SOCKET SET - 6 POINT

Product #: J69116

6 INCH



Contents	Description
J6506H	Socket, Impact Deep 1/4" DR 3/16" 6 PT
J6507H	Socket, Impact Deep 1/4" DR 7/32" 6 PT
J6508H	Socket, Impact Deep 1/4" DR 1/4" 6 PT
J6509H	Socket, Impact Deep 1/4" DR 9/32" 6 PT
J6510H	Socket, Impact Deep 1/4" DR 5/16" 6 PT
J6511H	Socket, Impact Deep 1/4" DR 11/32" 6 PT
J6512H	Socket, Impact Deep 1/4" DR 3/8" 6 PT
J6514H	Socket, Impact Deep 1/4" DR 7/16" 6 PT
J6516H	Socket, Impact Deep 1/4" DR 1/2" 6 PT
J6518H	Socket, Impact Deep 1/4" DR 9/16" 6 PT
J6520H*	Socket, Impact Deep 1/4" DR 5/8" 6 PT
J2585	Socket Bar, 9"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 1.32 ASME B107.110-2012

*This size not covered under ASME Standards

1/4" DRIVE 11 PIECE METRIC DEEP IMPACT SOCKET SET - 6 POINT

Product #: J69212

6 MM



Contents	Description
J6505MH	Socket, Impact Deep 1/4" DR 5 mm 6 PT
J6506MH	Socket, Impact Deep 1/4" DR 6 mm 6 PT
J6507MH	Socket, Impact Deep 1/4" DR 7 mm 6 PT
J6508MH	Socket, Impact Deep 1/4" DR 8 mm 6 PT
J6509MH	Socket, Impact Deep 1/4" DR 9 mm 6 PT
J6510MH	Socket, Impact Deep 1/4" DR 10 mm 6 PT
J6511MH	Socket, Impact Deep 1/4" DR 11 mm 6 PT
J6512MH	Socket, Impact Deep 1/4" DR 12 mm 6 PT
J6513MH	Socket, Impact Deep 1/4" DR 13 mm 6 PT
J6514MH	Socket, Impact Deep 1/4" DR 14 mm 6 PT
J6515MH	Socket, Impact Deep 1/4" DR 15 mm 6 PT
J2585	Socket Bar, 9"
J2590	Socket Clip, 1/4" DR

Weight (lbs): 1.36 ASME B107.110-2012

4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1/4" DRIVE 7 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J69202

6

MM



Contents	Description
J6907M	Socket, Impact 1/4" DR 7 mm 6 PT
J6908M	Socket, Impact 1/4" DR 8 mm 6 PT
J6909M	Socket, Impact 1/4" DR 9 mm 6 PT
J6910M	Socket, Impact 1/4" DR 10 mm 6 PT
J6911M	Socket, Impact 1/4" DR 11 mm 6 PT
J6912M	Socket, Impact 1/4" DR 12 mm 6 PT
J6913M	Socket, Impact 1/4" DR 13 mm 6 PT
J2590	Socket Clip, 1/4" DR

Weight (lbs): 0.40 ASME B107.110-2012

1/4" DRIVE 9 PIECE METRIC UNIVERSAL IMPACT SOCKET SET - 12 POINT

Product #: J62133M

- The TorquePlus™ features apply.
- Stamped size for easy reference.
- Side locking hole.

TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Extends fastener life
- Turns worn fastners easily

12

MM



Contents	Description
J66555MP	Socket, Impact Universal 1/4" DR 5.5 mm 12 PT
J66506MP	Socket, Impact Universal 1/4" DR 6 mm 12 PT
J66507MP	Socket, Impact Universal 1/4" DR 7 mm 12 PT
J66508MP	Socket, Impact Universal 1/4" DR 8 mm 12 PT
J66509MP	Socket, Impact Universal 1/4" DR 9 mm 12 PT
J66510MP	Socket, Impact Universal 1/4" DR 10 mm 12 PT
J66511MP	Socket, Impact Universal 1/4" DR 11 mm 12 PT
J66512MP	Socket, Impact Universal 1/4" DR 12 mm 12 PT
J66513MP	Socket, Impact Universal 1/4" DR 13 mm 12 PT
J2590	Socket Clip, 1/4" DR
J2585	Socket Bar, 9"

Weight (lbs): 2.20 ASME B107.110-2012

3/8" DRIVE 23 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J72323IM

6

INCH MM



Contents	Description
J7208H	Socket, Impact 3/8" DR 1/4" 6 PT
J7210H	Socket, Impact 3/8" DR 5/16" 6 PT
J7212H	Socket, Impact 3/8" DR 3/8" 6 PT
J7214H	Socket, Impact 3/8" DR 7/16" 6 PT
J7216H	Socket, Impact 3/8" DR 1/2" 6 PT
J7218H	Socket, Impact 3/8" DR 9/16" 6 PT
J7220H	Socket, Impact 3/8" DR 5/8" 6 PT
J7222H	Socket, Impact 3/8" DR 11/16" 6 PT
J7224H	Socket, Impact 3/8" DR 3/4" 6 PT
J7207M	Socket, Impact 3/8" DR 7 mm 6 PT
J7208M	Socket, Impact 3/8" DR 8 mm 6 PT
J7209M	Socket, Impact 3/8" DR 9 mm 6 PT
J7210M	Socket, Impact 3/8" DR 10 mm 6 PT
J7211M	Socket, Impact 3/8" DR 11 mm 6 PT
J7212M	Socket, Impact 3/8" DR 12 mm 6 PT
J7213M	Socket, Impact 3/8" DR 13 mm 6 PT
J7214M	Socket, Impact 3/8" DR 14 mm 6 PT
J7215M	Socket, Impact 3/8" DR 15 mm 6 PT
J7216M	Socket, Impact 3/8" DR 16 mm 6 PT
J7217M	Socket, Impact 3/8" DR 17 mm 6 PT
J77270P	Universal Joint, Impact 3/8" DR
J7175P	Extension, Impact 3/8" DR 3"
J7176P	Extension, Impact 3/8" DR 6"
JBM1118	Blowmold Case

Weight (lbs): 3.50 ASME B107.110-2012

Torx® is a trademark of Acument Intellectual Properties, LLC

3/8" & 1/2" DRIVE 86 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J7274

6

INCH MM



Contents	Description
J7210H	Socket, Impact 3/8" DR 5/16" 6 PT
J7212H	Socket, Impact 3/8" DR 3/8" 6 PT
J7214H	Socket, Impact 3/8" DR 7/16" 6 PT
J7216H	Socket, Impact 3/8" DR 1/2" 6 PT
J7218H	Socket, Impact 3/8" DR 9/16" 6 PT
J7220H	Socket, Impact 3/8" DR 5/8" 6 PT
J7222H	Socket, Impact 3/8" DR 11/16" 6 PT
J7224H	Socket, Impact 3/8" DR 3/4" 6 PT
J7710H	Socket, Impact Deep 3/8" DR 5/16" 6 PT
J7712H	Socket, Impact Deep 3/8" DR 3/8" 6 PT
J7714H	Socket, Impact Deep 3/8" DR 7/16" 6 PT
J7716H	Socket, Impact Deep 3/8" DR 1/2" 6 PT
J7718H	Socket, Impact Deep 3/8" DR 9/16" 6 PT
J7720H	Socket, Impact Deep 3/8" DR 5/8" 6 PT
J7722H	Socket, Impact Deep 3/8" DR 11/16" 6 PT
J7724H	Socket, Impact Deep 3/8" DR 3/4" 6 PT
J7209M	Socket, Impact 3/8" DR 9 mm 6 PT
J7210M	Socket, Impact 3/8" DR 10 mm 6 PT
J7211M	Socket, Impact 3/8" DR 11 mm 6 PT
J7213M	Socket, Impact 3/8" DR 13 mm 6 PT
J7214M	Socket, Impact 3/8" DR 14 mm 6 PT
J7215M	Socket, Impact 3/8" DR 15 mm 6 PT
J7217M	Socket, Impact 3/8" DR 17 mm 6 PT
J7219M	Socket, Impact 3/8" DR 19 mm 6 PT
J7009M	Socket, Impact Deep 3/8" DR 9 mm 6 PT
J7010M	Socket, Impact Deep 3/8" DR 10 mm 6 PT
J7011M	Socket, Impact Deep 3/8" DR 11 mm 6 PT
J7013M	Socket, Impact Deep 3/8" DR 13 mm 6 PT
J7014M	Socket, Impact Deep 3/8" DR 14 mm 6 PT
J7015M	Socket, Impact Deep 3/8" DR 15 mm 6 PT
J7017M	Socket, Impact Deep 3/8" DR 17 mm 6 PT
J7019M	Socket, Impact Deep 3/8" DR 19 mm 6 PT
J7414H	Socket, Impact 1/2" DR 7/16" 6 PT
J7416H	Socket, Impact 1/2" DR 1/2" 6 PT
J7418H	Socket, Impact 1/2" DR 9/16" 6 PT

Set Contents Continued on Next Page

J7274: Continued

Contents	Description
J7420H	Socket, Impact 1/2" DR 5/8" 6 PT
J7422H	Socket, Impact 1/2" DR 11/16" 6 PT
J7424H	Socket, Impact 1/2" DR 3/4" 6 PT
J7426H	Socket, Impact 1/2" DR 13/16" 6 PT
J7428H	Socket, Impact 1/2" DR 7/8" 6 PT
J7430H	Socket, Impact 1/2" DR 15/16" 6 PT
J7432H	Socket, Impact 1/2" DR 1" 6 PT
J7434H	Socket, Impact 1/2" DR 1-1/16" 6 PT
J7436H	Socket, Impact 1/2" DR 1-1/8" 6 PT
J7440H	Socket, Impact 1/2" DR 1-1/4" 6 PT
J7314H	Socket, Impact Deep 1/2" DR 7/16" 6 PT
J7316H	Socket, Impact Deep 1/2" DR 1/2" 6 PT
J7318H	Socket, Impact Deep 1/2" DR 9/16" 6 PT
J7320H	Socket, Impact Deep 1/2" DR 5/8" 6 PT
J7322H	Socket, Impact Deep 1/2" DR 11/16" 6 PT
J7324H	Socket, Impact Deep 1/2" DR 3/4" 6 PT
J7326H	Socket, Impact Deep 1/2" DR 13/16" 6 PT
J7328H	Socket, Impact Deep 1/2" DR 7/8" 6 PT
J7330H	Socket, Impact Deep 1/2" DR 15/16" 6 PT
J7332H	Socket, Impact Deep 1/2" DR 1" 6 PT
J7334H	Socket, Impact Deep 1/2" DR 1-1/16" 6 PT
J7336H	Socket, Impact Deep 1/2" DR 1-1/8" 6 PT
J7340H	Socket, Impact Deep 1/2" DR 1-1/4" 6 PT
J7410M	Socket, Impact 1/2" DR 10 mm 6 PT
J7411M	Socket, Impact 1/2" DR 11 mm 6 PT
J7412M	Socket, Impact 1/2" DR 12 mm 6 PT
J7413M	Socket, Impact 1/2" DR 13 mm 6 PT
J7414M	Socket, Impact 1/2" DR 14 mm 6 PT
J7415M	Socket, Impact 1/2" DR 15 mm 6 PT
J7416M	Socket, Impact 1/2" DR 16 mm 6 PT
J7417M	Socket, Impact 1/2" DR 17 mm 6 PT
J7418M	Socket, Impact 1/2" DR 18 mm 6 PT
J7419M	Socket, Impact 1/2" DR 19 mm 6 PT
J7421M	Socket, Impact 1/2" DR 21 mm 6 PT
J7422M	Socket, Impact 1/2" DR 22 mm 6 PT
J7426M	Socket, Impact 1/2" DR 26 mm 6 PT
J7427M	Socket, Impact 1/2" DR 27 mm 6 PT
J7310M*	Socket, Impact Deep 1/2" DR 10 mm 6 PT
J7311M*	Socket, Impact Deep 1/2" DR 11 mm 6 PT
J7312M	Socket, Impact Deep 1/2" DR 12 mm 6 PT
J7313M	Socket, Impact Deep 1/2" DR 13 mm 6 PT
J7314M	Socket, Impact Deep 1/2" DR 14 mm 6 PT
J7315M	Socket, Impact Deep 1/2" DR 15 mm 6 PT
J7316M	Socket, Impact Deep 1/2" DR 16 mm 6 PT
J7317M	Socket, Impact Deep 1/2" DR 17 mm 6 PT
J7318M	Socket, Impact Deep 1/2" DR 18 mm 6 PT
J7319M	Socket, Impact Deep 1/2" DR 19 mm 6 PT
J7321M	Socket, Impact Deep 1/2" DR 21 mm 6 PT
J7322M	Socket, Impact Deep 1/2" DR 22 mm 6 PT
J7326M	Socket, Impact Deep 1/2" DR 26 mm 6 PT
J7327M	Socket, Impact Deep 1/2" DR 27 mm 6 PT

Weight (lbs): 32.18 ASME B107.110-2012

*This size not covered under ASME Standards

4 4 POINT 6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE TORX® TORX® HEX HEX BLACK OXIDE

3/8" DRIVE 58 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J72358IM

6

INCH MM



Contents	Description
J7006M	Socket, Impact Deep 3/8" DR 6 mm 6 PT
J7007M	Socket, Impact Deep 3/8" DR 7 mm 6 PT
J7008M	Socket, Impact Deep 3/8" DR 8 mm 6 PT
J7009M	Socket, Impact Deep 3/8" DR 9 mm 6 PT
J7010M	Socket, Impact Deep 3/8" DR 10 mm 6 PT
J7011M	Socket, Impact Deep 3/8" DR 11 mm 6 PT
J7012M	Socket, Impact Deep 3/8" DR 12 mm 6 PT
J7013M	Socket, Impact Deep 3/8" DR 13 mm 6 PT
J7014M	Socket, Impact Deep 3/8" DR 14 mm 6 PT
J7015M	Socket, Impact Deep 3/8" DR 15 mm 6 PT
J7016M	Socket, Impact Deep 3/8" DR 16 mm 6 PT
J7017M	Socket, Impact Deep 3/8" DR 17 mm 6 PT
J7018M	Socket, Impact Deep 3/8" DR 18 mm 6 PT
J7019M	Socket, Impact Deep 3/8" DR 19 mm 6 PT
J7206M	Socket, Impact 3/8" DR 6 mm 6 PT
J7207M	Socket, Impact 3/8" DR 7 mm 6 PT
J7208M	Socket, Impact 3/8" DR 8 mm 6 PT
J7209M	Socket, Impact 3/8" DR 9 mm 6 PT
J7210M	Socket, Impact 3/8" DR 10 mm 6 PT
J7211M	Socket, Impact 3/8" DR 11 mm 6 PT
J7212M	Socket, Impact 3/8" DR 12 mm 6 PT
J7213M	Socket, Impact 3/8" DR 13 mm 6 PT
J7214M	Socket, Impact 3/8" DR 14 mm 6 PT
J7215M	Socket, Impact 3/8" DR 15 mm 6 PT
J7216M	Socket, Impact 3/8" DR 16 mm 6 PT
J7217M	Socket, Impact 3/8" DR 17 mm 6 PT
J7218M	Socket, Impact 3/8" DR 18 mm 6 PT
J7219M	Socket, Impact 3/8" DR 19 mm 6 PT
J7208H	Socket, Impact 3/8" DR 1/4" 6 PT
J7210H	Socket, Impact 3/8" DR 5/16" 6 PT
J7212H	Socket, Impact 3/8" DR 3/8" 6 PT
J7214H	Socket, Impact 3/8" DR 7/16" 6 PT
J7216H	Socket, Impact 3/8" DR 1/2" 6 PT
J7218H	Socket, Impact 3/8" DR 9/16" 6 PT
J7220H	Socket, Impact 3/8" DR 5/8" 6 PT
J7222H	Socket, Impact 3/8" DR 11/16" 6 PT
J7224H	Socket, Impact 3/8" DR 3/4" 6 PT
J7226H	Socket, Impact 3/8" DR 13/16" 6 PT
J7228H	Socket, Impact 3/8" DR 7/8" 6 PT
J7230H	Socket, Impact 3/8" DR 15/16" 6 PT
J7232H	Socket, Impact 3/8" DR 1" 6 PT
J7710H	Socket, Impact Deep 3/8" DR 5/16" 6 PT
J7712H	Socket, Impact Deep 3/8" DR 3/8" 6 PT
J7714H	Socket, Impact Deep 3/8" DR 7/16" 6 PT
J7716H	Socket, Impact Deep 3/8" DR 1/2" 6 PT
J7718H	Socket, Impact Deep 3/8" DR 9/16" 6 PT
J7720H	Socket, Impact Deep 3/8" DR 5/8" 6 PT
J7722H	Socket, Impact Deep 3/8" DR 11/16" 6 PT
J7724H	Socket, Impact Deep 3/8" DR 3/4" 6 PT
J7726H	Socket, Impact Deep 3/8" DR 13/16" 6 PT
J7728H	Socket, Impact Deep 3/8" DR 7/8" 6 PT
J7730H	Socket, Impact Deep 3/8" DR 15/16" 6 PT
J7732H	Socket, Impact Deep 3/8" DR 1" 6 PT
J7651	Adapter, Impact 1/2" F x 3/8" M
J77270P	Universal Joint, Impact 3/8" DR
J7175P	Extension, Impact 3/8" DR 3"
J7176P	Extension, Impact 3/8" DR 6"
J7178P	Extension, Impact 3/8" DR 12"
JBM1121	Blowmold Case

Weight (lbs): 16.31

ASME B107.110-2012

3/8" DRIVE 33 PIECE METRIC IMPACT SOCKET SET - 6 POINT

Product #: J72233IM

6

MM



Contents	Description
J7006M	Socket, Impact Deep 3/8" DR 6 mm 6 PT
J7007M	Socket, Impact Deep 3/8" DR 7 mm 6 PT
J7008M	Socket, Impact Deep 3/8" DR 8 mm 6 PT
J7009M	Socket, Impact Deep 3/8" DR 9 mm 6 PT
J7010M	Socket, Impact Deep 3/8" DR 10 mm 6 PT
J7011M	Socket, Impact Deep 3/8" DR 11 mm 6 PT
J7012M	Socket, Impact Deep 3/8" DR 12 mm 6 PT
J7013M	Socket, Impact Deep 3/8" DR 13 mm 6 PT
J7014M	Socket, Impact Deep 3/8" DR 14 mm 6 PT
J7015M	Socket, Impact Deep 3/8" DR 15 mm 6 PT
J7016M	Socket, Impact Deep 3/8" DR 16 mm 6 PT
J7017M	Socket, Impact Deep 3/8" DR 17 mm 6 PT
J7018M	Socket, Impact Deep 3/8" DR 18 mm 6 PT
J7019M	Socket, Impact Deep 3/8" DR 19 mm 6 PT
J7206M	Socket, Impact 3/8" DR 6 mm 6 PT
J7207M	Socket, Impact 3/8" DR 7 mm 6 PT
J7208M	Socket, Impact 3/8" DR 8 mm 6 PT
J7209M	Socket, Impact 3/8" DR 9 mm 6 PT
J7210M	Socket, Impact 3/8" DR 10 mm 6 PT
J7211M	Socket, Impact 3/8" DR 11 mm 6 PT
J7212M	Socket, Impact 3/8" DR 12 mm 6 PT
J7213M	Socket, Impact 3/8" DR 13 mm 6 PT
J7214M	Socket, Impact 3/8" DR 14 mm 6 PT
J7215M	Socket, Impact 3/8" DR 15 mm 6 PT
J7216M	Socket, Impact 3/8" DR 16 mm 6 PT
J7217M	Socket, Impact 3/8" DR 17 mm 6 PT
J7218M	Socket, Impact 3/8" DR 18 mm 6 PT
J7219M	Socket, Impact 3/8" DR 19 mm 6 PT
J7651	Adapter, Impact 1/2" F x 3/8" M
J7175P	Extension, Impact 3/8" DR 3"
J7176P	Extension, Impact 3/8" DR 6"
J7178P	Extension, Impact 3/8" DR 12"
J77270P	Universal Joint, Impact 3/8" DR
JBM1120	Blowmold Case

Weight (lbs): 8.67 ASME B107.110-2012

3/8" DRIVE 31 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J72131IM

6

INCH



Contents	Description
J7208H	Socket, Impact 3/8" DR 1/4" 6 PT
J7210H	Socket, Impact 3/8" DR 5/16" 6 PT
J7212H	Socket, Impact 3/8" DR 3/8" 6 PT
J7214H	Socket, Impact 3/8" DR 7/16" 6 PT
J7216H	Socket, Impact 3/8" DR 1/2" 6 PT
J7218H	Socket, Impact 3/8" DR 9/16" 6 PT
J7220H	Socket, Impact 3/8" DR 5/8" 6 PT
J7222H	Socket, Impact 3/8" DR 11/16" 6 PT
J7224H	Socket, Impact 3/8" DR 3/4" 6 PT
J7226H	Socket, Impact 3/8" DR 13/16" 6 PT
J7228H	Socket, Impact 3/8" DR 7/8" 6 PT
J7230H	Socket, Impact 3/8" DR 15/16" 6 PT
J7232H	Socket, Impact 3/8" DR 1" 6 PT
J7708H	Socket, Impact Deep 3/8" DR 1/4" 6 PT
J7710H	Socket, Impact Deep 3/8" DR 5/16" 6 PT
J7712H	Socket, Impact Deep 3/8" DR 3/8" 6 PT
J7714H	Socket, Impact Deep 3/8" DR 7/16" 6 PT
J7716H	Socket, Impact Deep 3/8" DR 1/2" 6 PT
J7718H	Socket, Impact Deep 3/8" DR 9/16" 6 PT
J7720H	Socket, Impact Deep 3/8" DR 5/8" 6 PT
J7722H	Socket, Impact Deep 3/8" DR 11/16" 6 PT
J7724H	Socket, Impact Deep 3/8" DR 3/4" 6 PT
J7726H	Socket, Impact Deep 3/8" DR 13/16" 6 PT
J7728H	Socket, Impact Deep 3/8" DR 7/8" 6 PT
J7730H	Socket, Impact Deep 3/8" DR 15/16" 6 PT
J7732H	Socket, Impact Deep 3/8" DR 1" 6 PT
J7175P	Extension, Impact 3/8" DR 3"
J7176P	Extension, Impact 3/8" DR 6"
J7178P	Extension, Impact 3/8" DR 12"
J7651	Adapter, Impact 1/2" F x 3/8" M
J77270P	Universal Joint, Impact 3/8" DR
JBM1119	Blowmold Case

Weight (lbs): 10.8 ASME B107.110-2012

4 4 POINT 6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE TORX® TORX® HEX HEX BLACK OXIDE

3/8" DRIVE 25 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J72125

6

INCH



Contents	Description
J7208H*	Socket, Impact 3/8" DR 1/4" 6PT
J7210H	Socket, Impact 3/8" DR 5/16" 6PT
J7212H	Socket, Impact 3/8" DR 3/8" 6PT
J7214H	Socket, Impact 3/8" DR 7/16" 6PT
J7216H	Socket, Impact 3/8" DR 1/2" 6PT
J7218H	Socket, Impact 3/8" DR 9/16" 6PT
J7220H	Socket, Impact 3/8" DR 5/8" 6PT
J7222H	Socket, Impact 3/8" DR 11/16" 6PT
J7224H	Socket, Impact 3/8" DR 3/4" 6PT
J7226H	Socket, Impact 3/8" DR 13/16" 6PT
J7228H	Socket, Impact 3/8" DR 7/8" 6PT
J7230H	Socket, Impact 3/8" DR 15/16" 6PT
J7232H	Socket, Impact 3/8" DR 1" 6PT
J7210H	Socket, Impact Deep 3/8" DR 5/16" 6PT
J7212H	Socket, Impact Deep 3/8" DR 3/8" 6PT
J7214H	Socket, Impact Deep 3/8" DR 7/16" 6PT
J7216H	Socket, Impact Deep 3/8" DR 1/2" 6PT
J7218H	Socket, Impact Deep 3/8" DR 9/16" 6PT
J7220H	Socket, Impact Deep 3/8" DR 5/8" 6PT
J7222H	Socket, Impact Deep 3/8" DR 11/16" 6PT
J7224H	Socket, Impact Deep 3/8" DR 3/4" 6PT
J7226H*	Socket, Impact Deep 3/8" DR 13/16" 6PT
J7228H*	Socket, Impact Deep 3/8" DR 7/8" 6PT
J7230H*	Socket, Impact Deep 3/8" DR 15/16" 6PT
J7232H*	Socket, Impact Deep 3/8" DR 1" 6PT
J2591	Socket Clip, 3/8" DR
J2587	Socket Bar, 17"

Weight (lbs): 7.77

ASME B107.110-2012

*This size not covered under ASME Standards

3/8" DRIVE 25 PIECE DEEP IMPACT SOCKET SET - 6 POINT

Product #: J72118

6

INCH MM



Contents	Description
J7710H	Socket, Impact Deep 3/8" DR 5/16" 6 PT
J7712H	Socket, Impact Deep 3/8" DR 3/8" 6 PT
J7714H	Socket, Impact Deep 3/8" DR 7/16" 6 PT
J7716H	Socket, Impact Deep 3/8" DR 1/2" 6 PT
J7718H	Socket, Impact Deep 3/8" DR 9/16" 6 PT
J7720H	Socket, Impact Deep 3/8" DR 5/8" 6 PT
J7722H	Socket, Impact Deep 3/8" DR 11/16" 6 PT
J7724H	Socket, Impact Deep 3/8" DR 3/4" 6 PT
J7726H	Socket, Impact Deep 3/8" DR 13/16" 6 PT
J7728H	Socket, Impact Deep 3/8" DR 7/8" 6 PT
J7730H	Socket, Impact Deep 3/8" DR 15/16" 6 PT
J7732H	Socket, Impact Deep 3/8" DR 1" 6 PT
J7007M*	Socket, Impact Deep 3/8" DR 7 mm 6 PT
J7008M	Socket, Impact Deep 3/8" DR 8 mm 6 PT
J7009M	Socket, Impact Deep 3/8" DR 9 mm 6 PT
J7010M	Socket, Impact Deep 3/8" DR 10 mm 6 PT
J7011M	Socket, Impact Deep 3/8" DR 11 mm 6 PT
J7012M	Socket, Impact Deep 3/8" DR 12 mm 6 PT
J7013M	Socket, Impact Deep 3/8" DR 13 mm 6 PT
J7014M	Socket, Impact Deep 3/8" DR 14 mm 6 PT
J7015M	Socket, Impact Deep 3/8" DR 15 mm 6 PT
J7016M	Socket, Impact Deep 3/8" DR 16 mm 6 PT
J7017M	Socket, Impact Deep 3/8" DR 17 mm 6 PT
J7018M	Socket, Impact Deep 3/8" DR 18 mm 6 PT
J7019M	Socket, Impact Deep 3/8" DR 19 mm 6 PT
J2587	Socket Bar, 17"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 8.99

ASME B107.110-2012

*This size not covered under ASME Standards

3/8" DRIVE 20 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J72220

6

INCH MM



Contents	Description
J7208H*	Socket, Impact 3/8" DR 1/4" 6 PT
J7210H	Socket, Impact 3/8" DR 5/16" 6 PT
J7212H	Socket, Impact 3/8" DR 3/8" 6 PT
J7214H	Socket, Impact 3/8" DR 7/16" 6 PT
J7216H	Socket, Impact 3/8" DR 1/2" 6 PT
J7218H	Socket, Impact 3/8" DR 9/16" 6 PT
J7220H	Socket, Impact 3/8" DR 5/8" 6 PT
J7222H	Socket, Impact 3/8" DR 11/16" 6 PT
J7224H	Socket, Impact 3/8" DR 3/4" 6 PT
J7207M*	Socket, Impact 3/8" DR 7 mm 6 PT
J7208M	Socket, Impact 3/8" DR 8 mm 6 PT
J7209M	Socket, Impact 3/8" DR 9 mm 6 PT
J7210M	Socket, Impact 3/8" DR 10 mm 6 PT
J7211M	Socket, Impact 3/8" DR 11 mm 6 PT
J7212M	Socket, Impact 3/8" DR 12 mm 6 PT
J7213M	Socket, Impact 3/8" DR 13 mm 6 PT
J7214M	Socket, Impact 3/8" DR 14 mm 6 PT
J7215M	Socket, Impact 3/8" DR 15 mm 6 PT
J7216M	Socket, Impact 3/8" DR 16 mm 6 PT
J7217M	Socket, Impact 3/8" DR 17 mm 6 PT
J2585	Socket Bar, 9"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 2.55 ASME B107.110-2012

*This size not covered under ASME Standards

3/8" DRIVE 18 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J72230

6

INCH MM



Contents	Description
J7208H*	Socket, Impact 3/8" DR 1/4" 6 PT
J7210H	Socket, Impact 3/8" DR 5/16" 6 PT
J7212H	Socket, Impact 3/8" DR 3/8" 6 PT
J7214H	Socket, Impact 3/8" DR 7/16" 6 PT
J7216H	Socket, Impact 3/8" DR 1/2" 6 PT
J7218H	Socket, Impact 3/8" DR 9/16" 6 PT
J7220H	Socket, Impact 3/8" DR 5/8" 6 PT
J7222H	Socket, Impact 3/8" DR 11/16" 6 PT
J7224H	Socket, Impact 3/8" DR 3/4" 6 PT
J7210M	Socket, Impact 3/8" DR 10 mm 6 PT
J7211M	Socket, Impact 3/8" DR 11 mm 6 PT
J7212M	Socket, Impact 3/8" DR 12 mm 6 PT
J7213M	Socket, Impact 3/8" DR 13 mm 6 PT
J7214M	Socket, Impact 3/8" DR 14 mm 6 PT
J7215M	Socket, Impact 3/8" DR 15 mm 6 PT
J7217M	Socket, Impact 3/8" DR 17 mm 6 PT
J7218M	Socket, Impact 3/8" DR 18 mm 6 PT
J7219M	Socket, Impact 3/8" DR 19 mm 6 PT
J2586	Socket Bar, 13"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 2.15 ASME B107.110-2012

*This size not covered under ASME Standards

4 4 POINT 6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE TORX® TORX® HEX HEX BLACK OXIDE

3/8" DRIVE 19 PIECE METRIC IMPACT SOCKET SET - 6 POINT

Product #: J72206

6

MM



Contents	Description
J7206M*	Socket, Impact 3/8" DR 6 mm 6 PT
J7207M*	Socket, Impact 3/8" DR 7 mm 6 PT
J7208M	Socket, Impact 3/8" DR 8 mm 6 PT
J7209M	Socket, Impact 3/8" DR 9 mm 6 PT
J7210M	Socket, Impact 3/8" DR 10 mm 6 PT
J7211M	Socket, Impact 3/8" DR 11 mm 6 PT
J7212M	Socket, Impact 3/8" DR 12 mm 6 PT
J7213M	Socket, Impact 3/8" DR 13 mm 6 PT
J7214M	Socket, Impact 3/8" DR 14 mm 6 PT
J7215M	Socket, Impact 3/8" DR 15 mm 6 PT
J7216M	Socket, Impact 3/8" DR 16 mm 6 PT
J7217M	Socket, Impact 3/8" DR 17 mm 6 PT
J7218M	Socket, Impact 3/8" DR 18 mm 6 PT
J7219M	Socket, Impact 3/8" DR 19 mm 6 PT
J7220M	Socket, Impact 3/8" DR 20 mm 6 PT
J7221M	Socket, Impact 3/8" DR 21 mm 6 PT
J7222M	Socket, Impact 3/8" DR 22 mm 6 PT
J7223M	Socket, Impact 3/8" DR 23 mm 6 PT
J7224M	Socket, Impact 3/8" DR 24 mm 6 PT
J2587	Socket Bar, 17"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 2.79

ASME B107.110-2012

*This size not covered under ASME Standards

3/8" DRIVE 19 PIECE METRIC DEEP IMPACT SOCKET SET - 6 POINT

Product #: J72216

6

MM



Contents	Description
J7006M*	Socket, Impact Deep 3/8" DR 6 mm 6 PT
J7007M*	Socket, Impact Deep 3/8" DR 7 mm 6 PT
J7008M	Socket, Impact Deep 3/8" DR 8 mm 6 PT
J7009M	Socket, Impact Deep 3/8" DR 9 mm 6 PT
J7010M	Socket, Impact Deep 3/8" DR 10 mm 6 PT
J7011M	Socket, Impact Deep 3/8" DR 11 mm 6 PT
J7012M	Socket, Impact Deep 3/8" DR 12 mm 6 PT
J7013M	Socket, Impact Deep 3/8" DR 13 mm 6 PT
J7014M	Socket, Impact Deep 3/8" DR 14 mm 6 PT
J7015M	Socket, Impact Deep 3/8" DR 15 mm 6 PT
J7016M	Socket, Impact Deep 3/8" DR 16 mm 6 PT
J7017M	Socket, Impact Deep 3/8" DR 17 mm 6 PT
J7018M	Socket, Impact Deep 3/8" DR 18 mm 6 PT
J7019M	Socket, Impact Deep 3/8" DR 19 mm 6 PT
J7020M	Socket, Impact Deep 3/8" DR 20 mm 6 PT
J7021M	Socket, Impact Deep 3/8" DR 21 mm 6 PT
J7022M	Socket, Impact Deep 3/8" DR 22 mm 6 PT
J7023M	Socket, Impact Deep 3/8" DR 23 mm 6 PT
J7024M	Socket, Impact Deep 3/8" DR 24 mm 6 PT
J2587	Socket Bar, 17"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 6.43

ASME B107.110-2012

*This size not covered under ASME Standards

3/8" DRIVE 15 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J72106

6 INCH



Contents	Description
J7208H*	Socket, Impact 3/8" DR 1/4" 6 PT
J7209H*	Socket, Impact 3/8" DR 9/32" 6 PT
J7210H	Socket, Impact 3/8" DR 5/16" 6 PT
J7211H	Socket, Impact 3/8" DR 11/32" 6 PT
J7212H	Socket, Impact 3/8" DR 3/8" 6 PT
J7214H	Socket, Impact 3/8" DR 7/16" 6 PT
J7216H	Socket, Impact 3/8" DR 1/2" 6 PT
J7218H	Socket, Impact 3/8" DR 9/16" 6 PT
J7220H	Socket, Impact 3/8" DR 5/8" 6 PT
J7222H	Socket, Impact 3/8" DR 11/16" 6 PT
J7224H	Socket, Impact 3/8" DR 3/4" 6 PT
J7226H*	Socket, Impact 3/8" DR 13/16" 6 PT
J7228H	Socket, Impact 3/8" DR 7/8" 6 PT
J7230H	Socket, Impact 3/8" DR 15/16" 6 PT
J7232H*	Socket, Impact 3/8" DR 1" 6 PT
J2587	Socket Bar, 17"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 2.89 ASME B107.110-2012

*This size not covered under ASME Standards

3/8" DRIVE 15 PIECE DEEP IMPACT SOCKET SET - 6 POINT

Product #: J72116

6 INCH



Contents	Description
J7708H*	Socket, Impact Deep 3/8" DR 1/4" 6 PT
J7709H*	Socket, Impact Deep 3/8" DR 9/32" 6 PT
J7710H	Socket, Impact Deep 3/8" DR 5/16" 6 PT
J7711H	Socket, Impact Deep 3/8" DR 11/32" 6 PT
J7712H	Socket, Impact Deep 3/8" DR 3/8" 6 PT
J7714H	Socket, Impact Deep 3/8" DR 7/16" 6 PT
J7716H	Socket, Impact Deep 3/8" DR 1/2" 6 PT
J7718H	Socket, Impact Deep 3/8" DR 9/16" 6 PT
J7720H	Socket, Impact Deep 3/8" DR 5/8" 6 PT
J7722H	Socket, Impact Deep 3/8" DR 11/16" 6 PT
J7724H	Socket, Impact Deep 3/8" DR 3/4" 6 PT
J7726H	Socket, Impact Deep 3/8" DR 13/16" 6 PT
J7728H	Socket, Impact Deep 3/8" DR 7/8" 6 PT
J7730H	Socket, Impact Deep 3/8" DR 15/16" 6 PT
J7732H	Socket, Impact Deep 3/8" DR 1" 6 PT
J2587	Socket Bar, 17"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 5.81 ASME B107.110-2012

*This size not covered under ASME Standards

4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

3/8" DRIVE 11 PIECE METRIC IMPACT SOCKET SET - 6 POINT

Product #: J72202

6

MM



Contents	Description
J7207M*	Socket, Impact 3/8" DR 7 mm 6 PT
J7208M	Socket, Impact 3/8" DR 8 mm 6 PT
J7209M	Socket, Impact 3/8" DR 9 mm 6 PT
J7210M	Socket, Impact 3/8" DR 10 mm 6 PT
J7211M	Socket, Impact 3/8" DR 11 mm 6 PT
J7212M	Socket, Impact 3/8" DR 12 mm 6 PT
J7213M	Socket, Impact 3/8" DR 13 mm 6 PT
J7214M	Socket, Impact 3/8" DR 14 mm 6 PT
J7215M	Socket, Impact 3/8" DR 15 mm 6 PT
J7216M	Socket, Impact 3/8" DR 16 mm 6 PT
J7217M	Socket, Impact 3/8" DR 17 mm 6 PT
J2585	Socket Bar, 9"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 1.14 ASME B107.110-2012

*This size not covered under ASME Standards

3/8" DRIVE 11 PIECE METRIC DEEP IMPACT SOCKET SET - 6 POINT

Product #: J72212

6

MM



Contents	Description
J7007M*	Socket, Impact Deep 3/8" DR 7 mm 6 PT
J7008M	Socket, Impact Deep 3/8" DR 8 mm 6 PT
J7009M	Socket, Impact Deep 3/8" DR 9 mm 6 PT
J7010M	Socket, Impact Deep 3/8" DR 10 mm 6 PT
J7011M	Socket, Impact Deep 3/8" DR 11 mm 6 PT
J7012M	Socket, Impact Deep 3/8" DR 12 mm 6 PT
J7013M	Socket, Impact Deep 3/8" DR 13 mm 6 PT
J7014M	Socket, Impact Deep 3/8" DR 14 mm 6 PT
J7015M	Socket, Impact Deep 3/8" DR 15 mm 6 PT
J7016M	Socket, Impact Deep 3/8" DR 16 mm 6 PT
J7017M	Socket, Impact Deep 3/8" DR 17 mm 6 PT
J2585	Socket Bar, 9"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 2.71 ASME B107.110-2012

*This size not covered under ASME Standards

3/8" DRIVE 9 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J72102

6 INCH



Contents	Description
J7208H*	Socket, Impact 3/8" DR 1/4" 6 PT
J7210H	Socket, Impact 3/8" DR 5/16" 6 PT
J7212H	Socket, Impact 3/8" DR 3/8" 6 PT
J7214H	Socket, Impact 3/8" DR 7/16" 6 PT
J7216H	Socket, Impact 3/8" DR 1/2" 6 PT
J7218H	Socket, Impact 3/8" DR 9/16" 6 PT
J7220H	Socket, Impact 3/8" DR 5/8" 6 PT
J7222H	Socket, Impact 3/8" DR 11/16" 6 PT
J7224H	Socket, Impact 3/8" DR 3/4" 6 PT
J2585	Socket Bar, 9"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 1.07 ASME B107.110-2012

*This size not covered under ASME Standards

3/8" DRIVE 9 PIECE DEEP IMPACT SOCKET SET - 6 POINT

Product #: J72112

6 INCH



Contents	Description
J7708H*	Socket, Impact Deep 3/8" DR 1/4" 6 PT
J7710H	Socket, Impact Deep 3/8" DR 5/16" 6 PT
J7712H	Socket, Impact Deep 3/8" DR 3/8" 6 PT
J7714H	Socket, Impact Deep 3/8" DR 7/16" 6 PT
J7716H	Socket, Impact Deep 3/8" DR 1/2" 6 PT
J7718H	Socket, Impact Deep 3/8" DR 9/16" 6 PT
J7720H	Socket, Impact Deep 3/8" DR 5/8" 6 PT
J7722H	Socket, Impact Deep 3/8" DR 11/16" 6 PT
J7724H	Socket, Impact Deep 3/8" DR 3/4" 6 PT
J2585	Socket Bar, 9"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 2.42 ASME B107.110-2012

*This size not covered under ASME Standards

3/8" DRIVE 12 PIECE METRIC THIN WALL DEEP IMPACT SOCKET SET - 6 POINT

Product #: J72217

6 MM

Contents	Description
J7008MHT	Socket, Impact Thin Wall Deep 3/8" DR 8 mm 6 PT
J7009MHT	Socket, Impact Thin Wall Deep 3/8" DR 9 mm 6 PT
J7010MHT	Socket, Impact Thin Wall Deep 3/8" DR 10 mm 6 PT
J7011MHT	Socket, Impact Thin Wall Deep 3/8" DR 11 mm 6 PT
J7012MHT	Socket, Impact Thin Wall Deep 3/8" DR 12 mm 6 PT
J7013MHT	Socket, Impact Thin Wall Deep 3/8" DR 13 mm 6 PT
J7014MHT	Socket, Impact Thin Wall Deep 3/8" DR 14 mm 6 PT
J7015MHT	Socket, Impact Thin Wall Deep 3/8" DR 15 mm 6 PT
J7016MHT	Socket, Impact Thin Wall Deep 3/8" DR 16 mm 6 PT
J7017MHT	Socket, Impact Thin Wall Deep 3/8" DR 17 mm 6 PT
J7018MHT	Socket, Impact Thin Wall Deep 3/8" DR 18 mm 6 PT
J7019MHT	Socket, Impact Thin Wall Deep 3/8" DR 19 mm 6 PT

Weight (lbs): 1.92

- Specifically designed for tight clearance applications.
- Reduced wall thickness helps improve access to fasteners in restricted areas.
- All impact sockets feature one through hole and a groove to accept a retaining ring and pin to secure the socket to the power tool anvil.
- Chamfered service ends for quick and positive fastener engagement.
- Thin wall sockets are lightweight.
- Thinner walls help improve productivity by making it easier to gain access to fasteners in confined spaces.
- Extra deep length helps improve access in confined areas.
- Often used in application where fasteners are close together, such as tire service.



4 4 POINT | 6 6 POINT | 8 8 POINT | 12 12 POINT | SPL SPLINE | TORX® TORX® | HEX HEX | BLACK OXIDE

3/8" DRIVE 10 PIECE METRIC UNIVERSAL IMPACT SOCKET SET - 6 POINT

Product #: J72133M

6

MM

Contents	Description
J77408MP	Socket, Impact Universal 3/8" DR 8 mm 6 PT
J77410MP	Socket, Impact Universal 3/8" DR 10 mm 6 PT
J77411MP	Socket, Impact Universal 3/8" DR 11 mm 6 PT
J77412MP	Socket, Impact Universal 3/8" DR 12 mm 6 PT
J77413MP	Socket, Impact Universal 3/8" DR 13 mm 6 PT
J77414MP	Socket, Impact Universal 3/8" DR 14 mm 6 PT
J77415MP	Socket, Impact Universal 3/8" DR 15 mm 6 PT
J77416MP	Socket, Impact Universal 3/8" DR 16 mm 6 PT
J77417MP	Socket, Impact Universal 3/8" DR 17 mm 6 PT
J77418MP	Socket, Impact Universal 3/8" DR 18 mm 6 PT
J2585	Socket Bar, 9"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 2.40 ASME B107.110-2012



3/8" DRIVE 10 PIECE DEEP METRIC UNIVERSAL IMPACT SOCKET SET - 6 POINT

Product #: J72135M

6

MM

Contents	Description
J78410MP	Socket, Impact Universal Deep 3/8" DR 10 mm 6 PT
J78411MP	Socket, Impact Universal Deep 3/8" DR 11 mm 6 PT
J78412MP	Socket, Impact Universal Deep 3/8" DR 12 mm 6 PT
J78413MP	Socket, Impact Universal Deep 3/8" DR 13 mm 6 PT
J78414MP	Socket, Impact Universal Deep 3/8" DR 14 mm 6 PT
J78415MP	Socket, Impact Universal Deep 3/8" DR 15 mm 6 PT
J78416MP	Socket, Impact Universal Deep 3/8" DR 16 mm 6 PT
J78417MP	Socket, Impact Universal Deep 3/8" DR 17 mm 6 PT
J78418MP	Socket, Impact Universal Deep 3/8" DR 18 mm 6 PT
J78419MP	Socket, Impact Universal Deep 3/8" DR 19 mm 6 PT
J2585	Socket Bar, 9"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 3.08 ASME B107.110-2012



3/8" DRIVE 9 PIECE THIN WALL DEEP IMPACT SOCKET SET - 6 POINT

Product #: J72117

6

INCH

Contents	Description
J7708HT	Socket, Impact Thin Wall Deep 3/8" DR 1/4" 6 PT
J7710HT	Socket, Impact Thin Wall Deep 3/8" DR 5/16" 6 PT
J7712HT	Socket, Impact Thin Wall Deep 3/8" DR 3/8" 6 PT
J7714HT	Socket, Impact Thin Wall Deep 3/8" DR 7/16" 6 PT
J7716HT	Socket, Impact Thin Wall Deep 3/8" DR 1/2" 6 PT
J7718HT	Socket, Impact Thin Wall Deep 3/8" DR 9/16" 6 PT
J7720HT	Socket, Impact Thin Wall Deep 3/8" DR 5/8" 6 PT
J7722HT	Socket, Impact Thin Wall Deep 3/8" DR 11/16" 6 PT
J7724HT	Socket, Impact Thin Wall Deep 3/8" DR 3/4" 6 PT

Weight (lbs): 1.54



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3/8" DRIVE 10 PIECE METRIC UNIVERSAL IMPACT SOCKET SET - 12 POINT

Product #: J72137M

12

MM

Contents	Description
J77510MP	Socket, Impact Universal 3/8" DR 10 mm 12 PT
J77511MP	Socket, Impact Universal 3/8" DR 11 mm 12 PT
J77512MP	Socket, Impact Universal 3/8" DR 12 mm 12 PT
J77513MP	Socket, Impact Universal 3/8" DR 13 mm 12 PT
J77514MP	Socket, Impact Universal 3/8" DR 14 mm 12 PT
J77515MP	Socket, Impact Universal 3/8" DR 15 mm 12 PT
J77516MP	Socket, Impact Universal 3/8" DR 16 mm 12 PT
J77517MP	Socket, Impact Universal 3/8" DR 17 mm 12 PT
J77518MP	Socket, Impact Universal 3/8" DR 18 mm 12 PT
J77519MP	Socket, Impact Universal 3/8" DR 19 mm 12 PT
J2585	Socket Bar, 9"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 3.08

ASME B107.110-2012



3/8" DRIVE 5 PIECE UNIVERSAL IMPACT SOCKET SET - 6 POINT

Product #: J72142

6

INCH

Contents	Description
J77273P	Socket, Impact Universal 3/8" DR 3/8" 6 PT
J77274P	Socket, Impact Universal 3/8" DR 7/16" 6 PT
J77275P	Socket, Impact Universal 3/8" DR 1/2" 6 PT
J77276P	Socket, Impact Universal 3/8" DR 9/16" 6 PT
J77277P	Socket, Impact Universal 3/8" DR 5/8" 6 PT
J2591	Socket Clip, 3/8" DR

Weight (lbs): 1.29

ASME B107.110-2012



3/8" DRIVE 5 PIECE METRIC HEX BIT IMPACT SOCKET SET

Product #: J72252

HEX

MM

Contents	Description
J7290-4M	Socket, Impact Hex Bit 3/8" DR 4 mm
J7290-5M	Socket, Impact Hex Bit 3/8" DR 5 mm
J7290-6M	Socket, Impact Hex Bit 3/8" DR 6 mm
J7290-8M	Socket, Impact Hex Bit 3/8" DR 8 mm
J7290-10M	Socket, Impact Hex Bit 3/8" DR 10 mm
J2584	Socket Bar, 6-1/4"
J2591	Socket Clip, 3/8" DR

Weight (lbs): 0.64



4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

3/8" & 1/2" DRIVE 10 PIECE HEX BIT IMPACT SOCKET SET

Product #: J52110HIM

HEX

INCH

- Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- Large clearance holes, concentric opening and nut end chamfer make it easy to position socket on fasteners.
- Made from high strength steel to help minimize wall thickness and provide access to fasteners in recesses and where nuts and bolts protrude.
- Proto® Hex Bit Impact Sockets can be used on stubborn fasteners.
- Tight tolerances for snug fit on fastener.
- Hex bit impact sockets are used wherever powered drive tools are used to install or remove fasteners.
- Hex bit impact sockets are designed to withstand the high torque and force associated with impact tools in repetitive application.
- Side locking hole.



Contents	Description
J72901/8	Socket, Impact Hex Bit 3/8" DR 1/8"
J72905/32	Socket, Impact Hex Bit 3/8" DR 5/32"
J72903/16	Socket, Impact Hex Bit 3/8" DR 3/16"
J72907/32	Socket, Impact Hex Bit 3/8" DR 7/32"
J72901/4	Socket, Impact Hex Bit 3/8" DR 1/4"
J72905/16	Socket, Impact Hex Bit 3/8" DR 5/16"
J72903/8	Socket, Impact Hex Bit 3/8" DR 3/8"
J74411/2	Socket, Impact Hex Bit 1/2" DR 1/2"
J74419/16	Socket, Impact Hex Bit 1/2" DR 9/16"
J74415/8	Socket, Impact Hex Bit 1/2" DR 5/8"
JBM1123	Blowmold Case

Weight (lbs): 2.56

3/8" DRIVE 13 PIECE HAND IMPACT DRIVER SET

Product #: JHANDIM

HEX

- Designed to loosen hard to turn bolts and nuts.
- Hand impact driver has heavy-duty spring for added torque.
- Popular interchangeable bits are packaged in plastic blow-molded case for easy storage.



Contents	Description
J7099	Driver, Hand Impact 3/8" DR 5-1/2"
J60002	Bit, Insert # 1 Phillips 1/4" Hex
J60008	Bit, Insert # 2 Phillips 1/4" Hex
J60020	Bit, Insert # 3 Phillips 1/4" Hex
J60202	Bit, Insert 3/16" Slotted 1/4" Hex
J60208	Bit, Insert 9/32" Slotted 1/4" Hex
J60050	Bit, Insert #1 Phillips 5/16" Hex
J60052	Bit, Insert #2 Phillips 5/16" Hex
J60054	Bit, Insert #3 Phillips 5/16" Hex
J60256	Bit, Insert 10F-12R Slot 5/16" Hex
J60262	Bit, Insert 14F-16R Slot 5/16" Hex
J6930	Bit Holder 3/8" DR 5/16" Hex
J6931	Bit Holder 3/8" DR 1/4" Hex
JBM1019	Blowmold Case

Weight (lbs): 2.36

3/8" DRIVE 3 PIECE IMPACT EXTENSION SET

Product #: J7277A

- Solid one-piece design helps prevent the locking components from becoming loose or disengaged.
- Patented locking feature locks sockets to the extension with exceptional force.
- Knurled shank provides a slip-resistant grip when hand-turning the extension.



Contents	Description
J7175P	Extension, Impact 3/8" DR 3"
J7176P	Extension, Impact 3/8" DR 6"
J7178P	Extension, Impact 3/8" DR 12"

Weight (lbs): 1.25 ASME B107.110-2012

3/8" DRIVE 3 PIECE IMPACT LOCKING EXTENSION SET

Product #: J7277L

- Solid one-piece design helps prevent the locking components from becoming loose or disengaged.
- Patented locking feature locks sockets to the extension with exceptional force.
- Knurled shank provides a slip-resistant grip when hand-turning the extension.



Contents	Description
J7203L	Extension, Impact Locking 3/8" DR 3"
J7206L	Extension, Impact Locking 3/8" DR 6"
J7212L	Extension, Impact Locking 3/8" DR 12"

Weight (lbs): 1.25

4 4 POINT 6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE TORX® TORX® HEX HEX BLACK OXIDE

1/2" DRIVE 44 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J74344IM

6

INCH MM



Contents	Description
J7408M	Socket, Impact 1/2" DR 8 mm 6 PT
J7409M	Socket, Impact 1/2" DR 9 mm 6 PT
J7410M	Socket, Impact 1/2" DR 10 mm 6 PT
J7411M	Socket, Impact 1/2" DR 11 mm 6 PT
J7412M	Socket, Impact 1/2" DR 12 mm 6 PT
J7413M	Socket, Impact 1/2" DR 13 mm 6 PT
J7414M	Socket, Impact 1/2" DR 14 mm 6 PT
J7415M	Socket, Impact 1/2" DR 15 mm 6 PT
J7416M	Socket, Impact 1/2" DR 16 mm 6 PT
J7417M	Socket, Impact 1/2" DR 17 mm 6 PT
J7418M	Socket, Impact 1/2" DR 18 mm 6 PT
J7419M	Socket, Impact 1/2" DR 19 mm 6 PT
J7420M	Socket, Impact 1/2" DR 20 mm 6 PT
J7421M	Socket, Impact 1/2" DR 21 mm 6 PT
J7422M	Socket, Impact 1/2" DR 22 mm 6 PT
J7423M	Socket, Impact 1/2" DR 23 mm 6 PT
J7424M	Socket, Impact 1/2" DR 24 mm 6 PT
J7425M	Socket, Impact 1/2" DR 25 mm 6 PT
J7426M	Socket, Impact 1/2" DR 26 mm 6 PT
J7427M	Socket, Impact 1/2" DR 27 mm 6 PT
J7412H	Socket, Impact 1/2" DR 3/8" 6 PT
J7414H	Socket, Impact 1/2" DR 7/16" 6 PT
J7416H	Socket, Impact 1/2" DR 1/2" 6 PT

Contents	Description
J7418H	Socket, Impact 1/2" DR 9/16" 6 PT
J7420H	Socket, Impact 1/2" DR 5/8" 6 PT
J7422H	Socket, Impact 1/2" DR 11/16" 6 PT
J7424H	Socket, Impact 1/2" DR 3/4" 6 PT
J7426H	Socket, Impact 1/2" DR 13/16" 6 PT
J7428H	Socket, Impact 1/2" DR 7/8" 6 PT
J7430H	Socket, Impact 1/2" DR 15/16" 6 PT
J7432H	Socket, Impact 1/2" DR 1" 6 PT
J7434H	Socket, Impact 1/2" DR 1-1/16" 6 PT
J7436H	Socket, Impact 1/2" DR 1-1/8" 6 PT
J7438H	Socket, Impact 1/2" DR 1-3/16" 6 PT
J7440H	Socket, Impact 1/2" DR 1-1/4" 6 PT
J7442H	Socket, Impact 1/2" DR 1-5/16" 6 PT
J7444H	Socket, Impact 1/2" DR 1-3/8" 6 PT
J7446H	Socket, Impact 1/2" DR 1-7/16" 6 PT
J74470P	Universal Joint, Impact 1/2" DR
J7650	Adapter, Impact 3/8" F x 1/2" M
J7653	Adapter, Impact 3/4" F x 1/2" M
J7181P	Extension, Impact 1/2" DR 5"
J7182P	Extension, Impact 1/2" DR 2-11/16"
J7183-00	Extension, Impact 1/2" DR 10"
JBM1220	Blowmold Case

Weight (lbs): 20.66

ASME B107.110-2012

1/2" DRIVE 32 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J74232IM

6

MM



Contents	Description
J7310M	Socket, Impact Deep 1/2" DR 10 mm 6 PT
J7311M	Socket, Impact Deep 1/2" DR 11 mm 6 PT
J7312M	Socket, Impact Deep 1/2" DR 12 mm 6 PT
J7313M	Socket, Impact Deep 1/2" DR 13 mm 6 PT
J7314M	Socket, Impact Deep 1/2" DR 14 mm 6 PT
J7315M	Socket, Impact Deep 1/2" DR 15 mm 6 PT
J7316M	Socket, Impact Deep 1/2" DR 16 mm 6 PT
J7317M	Socket, Impact Deep 1/2" DR 17 mm 6 PT
J7318M	Socket, Impact Deep 1/2" DR 18 mm 6 PT
J7319M	Socket, Impact Deep 1/2" DR 19 mm 6 PT
J7320M	Socket, Impact Deep 1/2" DR 20 mm 6 PT
J7321M	Socket, Impact Deep 1/2" DR 21 mm 6 PT
J7322M	Socket, Impact Deep 1/2" DR 22 mm 6 PT
J7410M	Socket, Impact 1/2" DR 10 mm 6 PT
J7411M	Socket, Impact 1/2" DR 11 mm 6 PT
J7412M	Socket, Impact 1/2" DR 12 mm 6 PT
J7413M	Socket, Impact 1/2" DR 13 mm 6 PT
J7414M	Socket, Impact 1/2" DR 14 mm 6 PT
J7415M	Socket, Impact 1/2" DR 15 mm 6 PT
J7416M	Socket, Impact 1/2" DR 16 mm 6 PT
J7417M	Socket, Impact 1/2" DR 17 mm 6 PT
J7418M	Socket, Impact 1/2" DR 18 mm 6 PT
J7419M	Socket, Impact 1/2" DR 19 mm 6 PT
J7420M	Socket, Impact 1/2" DR 20 mm 6 PT
J7421M	Socket, Impact 1/2" DR 21 mm 6 PT
J7422M	Socket, Impact 1/2" DR 22 mm 6 PT
J74470P	Universal Joint, Impact 1/2" DR
J7650	Adapter, Impact 3/8" F x 1/2" M
J7653	Adapter, Impact 3/4" F x 1/2" M
J7181P	Extension, Impact 1/2" DR 5"
J7182P	Extension, Impact 1/2" DR 2-11/16"
J7183-00	Extension, Impact 1/2" DR 10"
JBM1218	Blowmold Case

Weight (lbs): 15.76

ASME B107.110-2012

1/2" DRIVE 30 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J74130IM

6

INCH



Contents	Description
J7312H	Socket, Impact Deep 1/2" DR 3/8" 6 PT
J7314H	Socket, Impact Deep 1/2" DR 7/16" 6 PT
J7316H	Socket, Impact Deep 1/2" DR 1/2" 6 PT
J7318H	Socket, Impact Deep 1/2" DR 9/16" 6 PT
J7320H	Socket, Impact Deep 1/2" DR 5/8" 6 PT
J7322H	Socket, Impact Deep 1/2" DR 11/16" 6 PT
J7324H	Socket, Impact Deep 1/2" DR 3/4" 6 PT
J7326H	Socket, Impact Deep 1/2" DR 13/16" 6 PT
J7328H	Socket, Impact Deep 1/2" DR 7/8" 6 PT
J7330H	Socket, Impact Deep 1/2" DR 15/16" 6 PT
J7332H	Socket, Impact Deep 1/2" DR 1" 6 PT
J7334H	Socket, Impact Deep 1/2" DR 1-1/16" 6 PT
J7412H	Socket, Impact 1/2" DR 3/8" 6 PT
J7414H	Socket, Impact 1/2" DR 7/16" 6 PT
J7416H	Socket, Impact 1/2" DR 1/2" 6 PT
J7418H	Socket, Impact 1/2" DR 9/16" 6 PT
J7420H	Socket, Impact 1/2" DR 5/8" 6 PT
J7422H	Socket, Impact 1/2" DR 11/16" 6 PT
J7424H	Socket, Impact 1/2" DR 3/4" 6 PT
J7426H	Socket, Impact 1/2" DR 13/16" 6 PT
J7428H	Socket, Impact 1/2" DR 7/8" 6 PT
J7430H	Socket, Impact 1/2" DR 15/16" 6 PT
J7432H	Socket, Impact 1/2" DR 1" 6 PT
J7434H	Socket, Impact 1/2" DR 1-1/16" 6 PT
J74470P	Universal Joint, Impact 1/2" DR
J7650	Adapter, Impact 3/8" F x 1/2" M
J7653	Adapter, Impact 3/4" F x 1/2" M
J7181P	Extension, Impact 1/2" DR 5"
J7182P	Extension, Impact 1/2" DR 2-11/16"
J7183-00	Extension, Impact 1/2" DR 10"
JBM1219	Blowmold Case
JBM1119	Blowmold Case

Weight (lbs): 16.46

ASME B107.110-2012

4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1/2" DRIVE 30 PIECE DEEP FRACTIONAL & STANDARD METRIC IMPACT SOCKET SET - 6 POINT

Product #: J54215

6

INCH MM



Contents	Description
J7312H	Socket, Impact Deep 1/2" DR 3/8" 6 PT
J7314H	Socket, Impact Deep 1/2" DR 7/16" 6 PT
J7316H	Socket, Impact Deep 1/2" DR 1/2" 6 PT
J7318H	Socket, Impact Deep 1/2" DR 9/16" 6 PT
J7320H	Socket, Impact Deep 1/2" DR 5/8" 6 PT
J7322H	Socket, Impact Deep 1/2" DR 11/16" 6 PT
J7324H	Socket, Impact Deep 1/2" DR 3/4" 6 PT
J7326H	Socket, Impact Deep 1/2" DR 13/16" 6 PT
J7328H	Socket, Impact Deep 1/2" DR 7/8" 6 PT
J7330H	Socket, Impact Deep 1/2" DR 15/16" 6 PT
J7332H	Socket, Impact Deep 1/2" DR 1" 6 PT
J7334H	Socket, Impact Deep 1/2" DR 1-1/16" 6 PT
J7336H	Socket, Impact Deep 1/2" DR 1-1/8" 6 PT
J7338H	Socket, Impact Deep 1/2" DR 1-3/16" 6 PT
J7340H	Socket, Impact Deep 1/2" DR 1-1/4" 6 PT
J7410M	Socket, Impact 1/2" DR 10 mm 6 PT
J7411M	Socket, Impact 1/2" DR 11 mm 6 PT
J7412M	Socket, Impact 1/2" DR 12 mm 6 PT
J7413M	Socket, Impact 1/2" DR 13 mm 6 PT
J7414M	Socket, Impact 1/2" DR 14 mm 6 PT
J7415M	Socket, Impact 1/2" DR 15 mm 6 PT
J7416M	Socket, Impact 1/2" DR 16 mm 6 PT
J7417M	Socket, Impact 1/2" DR 17 mm 6 PT
J7418M	Socket, Impact 1/2" DR 18 mm 6 PT
J7419M	Socket, Impact 1/2" DR 19 mm 6 PT
J7420M	Socket, Impact 1/2" DR 20 mm 6 PT
J7421M	Socket, Impact 1/2" DR 21 mm 6 PT
J7422M	Socket, Impact 1/2" DR 22 mm 6 PT
J7423M	Socket, Impact 1/2" DR 23 mm 6 PT
J7424M	Socket, Impact 1/2" DR 24 mm 6 PT
J2584	Socket Bar, 6-1/4"
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 18.08 ASME B107.110-2012

1/2" DRIVE 30 PIECE DEEP & STANDARD METRIC IMPACT SOCKET SET - 6 POINT

Product #: J74306

6

MM



Contents	Description
J7408M*	Socket, Impact 1/2" DR 8 mm 6 PT
J7409M	Socket, Impact 1/2" DR 9 mm 6 PT
J7410M	Socket, Impact 1/2" DR 10 mm 6 PT
J7411M	Socket, Impact 1/2" DR 11 mm 6 PT
J7412M	Socket, Impact 1/2" DR 12 mm 6 PT
J7413M	Socket, Impact 1/2" DR 13 mm 6 PT
J7414M	Socket, Impact 1/2" DR 14 mm 6 PT
J7415M	Socket, Impact 1/2" DR 15 mm 6 PT
J7416M	Socket, Impact 1/2" DR 16 mm 6 PT
J7417M	Socket, Impact 1/2" DR 17 mm 6 PT
J7418M	Socket, Impact 1/2" DR 18 mm 6 PT
J7419M	Socket, Impact 1/2" DR 19 mm 6 PT
J7420M	Socket, Impact 1/2" DR 20 mm 6 PT
J7421M	Socket, Impact 1/2" DR 21 mm 6 PT
J7422M	Socket, Impact 1/2" DR 22 mm 6 PT
J7424M	Socket, Impact 1/2" DR 24 mm 6 PT
J7310M	Socket, Impact Deep 1/2" DR 10 mm 6 PT
J7311M	Socket, Impact Deep 1/2" DR 11 mm 6 PT
J7312M	Socket, Impact Deep 1/2" DR 12 mm 6 PT
J7313M	Socket, Impact Deep 1/2" DR 13 mm 6 PT
J7314M	Socket, Impact Deep 1/2" DR 14 mm 6 PT
J7315M	Socket, Impact Deep 1/2" DR 15 mm 6 PT
J7316M	Socket, Impact Deep 1/2" DR 16 mm 6 PT
J7317M	Socket, Impact Deep 1/2" DR 17 mm 6 PT
J7318M	Socket, Impact Deep 1/2" DR 18 mm 6 PT
J7319M	Socket, Impact Deep 1/2" DR 19 mm 6 PT
J7320M	Socket, Impact Deep 1/2" DR 20 mm 6 PT
J7321M	Socket, Impact Deep 1/2" DR 21 mm 6 PT
J7322M	Socket, Impact Deep 1/2" DR 22 mm 6 PT
J7324M	Socket, Impact Deep 1/2" DR 24 mm 6 PT

Weight (lbs): 11.39 ASME B107.110-2012

*This size not covered under ASME Standards

1/2" DRIVE 25 PIECE METRIC IMPACT SOCKET SET - 6 POINT

Product #: J74206

6 MM



Contents	Description
J7408M*	Socket, Impact 1/2" DR 8 mm 6 PT
J7409M	Socket, Impact 1/2" DR 9 mm 6 PT
J7410M	Socket, Impact 1/2" DR 10 mm 6 PT
J7411M	Socket, Impact 1/2" DR 11 mm 6 PT
J7412M	Socket, Impact 1/2" DR 12 mm 6 PT
J7413M	Socket, Impact 1/2" DR 13 mm 6 PT
J7414M	Socket, Impact 1/2" DR 14 mm 6 PT
J7415M	Socket, Impact 1/2" DR 15 mm 6 PT
J7416M	Socket, Impact 1/2" DR 16 mm 6 PT
J7417M	Socket, Impact 1/2" DR 17 mm 6 PT
J7418M	Socket, Impact 1/2" DR 18 mm 6 PT
J7419M	Socket, Impact 1/2" DR 19 mm 6 PT
J7420M	Socket, Impact 1/2" DR 20 mm 6 PT
J7421M	Socket, Impact 1/2" DR 21 mm 6 PT
J7422M	Socket, Impact 1/2" DR 22 mm 6 PT
J7423M	Socket, Impact 1/2" DR 23 mm 6 PT
J7424M	Socket, Impact 1/2" DR 24 mm 6 PT
J7425M	Socket, Impact 1/2" DR 25 mm 6 PT
J7426M	Socket, Impact 1/2" DR 26 mm 6 PT
J7427M	Socket, Impact 1/2" DR 27 mm 6 PT
J7428M*	Socket, Impact 1/2" DR 28 mm 6 PT
J7429M	Socket, Impact 1/2" DR 29 mm 6 PT
J7430M	Socket, Impact 1/2" DR 30 mm 6 PT
J7432M	Socket, Impact 1/2" DR 32 mm 6 PT
J7436M	Socket, Impact 1/2" DR 36 mm 6 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 10.28 ASME B107.110-2012

*This size not covered under ASME Standards

1/2" DRIVE 25 PIECE METRIC DEEP IMPACT SOCKET SET - 6 POINT

Product #: J74216

6 MM



Contents	Description
J7308M*	Socket, Impact Deep 1/2" DR 8 mm 6 PT
J7309M	Socket, Impact Deep 1/2" DR 9 mm 6 PT
J7310M	Socket, Impact Deep 1/2" DR 10 mm 6 PT
J7311M	Socket, Impact Deep 1/2" DR 11 mm 6 PT
J7312M	Socket, Impact Deep 1/2" DR 12 mm 6 PT
J7313M	Socket, Impact Deep 1/2" DR 13 mm 6 PT
J7314M	Socket, Impact Deep 1/2" DR 14 mm 6 PT
J7315M	Socket, Impact Deep 1/2" DR 15 mm 6 PT
J7316M	Socket, Impact Deep 1/2" DR 16 mm 6 PT
J7317M	Socket, Impact Deep 1/2" DR 17 mm 6 PT
J7318M	Socket, Impact Deep 1/2" DR 18 mm 6 PT
J7319M	Socket, Impact Deep 1/2" DR 19 mm 6 PT
J7320M	Socket, Impact Deep 1/2" DR 20 mm 6 PT
J7321M	Socket, Impact Deep 1/2" DR 21 mm 6 PT
J7322M	Socket, Impact Deep 1/2" DR 22 mm 6 PT
J7323M	Socket, Impact Deep 1/2" DR 23 mm 6 PT
J7324M	Socket, Impact Deep 1/2" DR 24 mm 6 PT
J7325M	Socket, Impact Deep 1/2" DR 25 mm 6 PT
J7326M	Socket, Impact Deep 1/2" DR 26 mm 6 PT
J7327M	Socket, Impact Deep 1/2" DR 27 mm 6 PT
J7328M*	Socket, Impact Deep 1/2" DR 28 mm 6 PT
J7329M	Socket, Impact Deep 1/2" DR 29 mm 6 PT
J7330M	Socket, Impact Deep 1/2" DR 30 mm 6 PT
J7332M	Socket, Impact Deep 1/2" DR 32 mm 6 PT
J7336M	Socket, Impact Deep 1/2" DR 36 mm 6 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 19.63 ASME B107.110-2012

*This size not covered under ASME Standards

4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1/2" DRIVE 23 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J74323IM

6

INCH MM



Contents	Description
J7412H	Socket, Impact 1/2" DR 3/8" 6 PT
J7414H	Socket, Impact 1/2" DR 7/16" 6 PT
J7416H	Socket, Impact 1/2" DR 1/2" 6 PT
J7418H	Socket, Impact 1/2" DR 9/16" 6 PT
J7420H	Socket, Impact 1/2" DR 5/8" 6 PT
J7422H	Socket, Impact 1/2" DR 11/16" 6 PT
J7424H	Socket, Impact 1/2" DR 3/4" 6 PT
J7426H	Socket, Impact 1/2" DR 13/16" 6 PT
J7428H	Socket, Impact 1/2" DR 7/8" 6 PT
J7430H	Socket, Impact 1/2" DR 15/16" 6 PT
J7432H	Socket, Impact 1/2" DR 1" 6 PT
J7410M	Socket, Impact 1/2" DR 10 mm 6 PT
J7411M	Socket, Impact 1/2" DR 11 mm 6 PT
J7412M	Socket, Impact 1/2" DR 12 mm 6 PT
J7413M	Socket, Impact 1/2" DR 13 mm 6 PT
J7414M	Socket, Impact 1/2" DR 14 mm 6 PT
J7415M	Socket, Impact 1/2" DR 15 mm 6 PT
J7416M	Socket, Impact 1/2" DR 16 mm 6 PT
J7417M	Socket, Impact 1/2" DR 17 mm 6 PT
J7418M	Socket, Impact 1/2" DR 18 mm 6 PT
J7419M	Socket, Impact 1/2" DR 19 mm 6 PT
J74470P	Universal Joint, Impact 1/2" DR
J7181P	Extension, Impact 1/2" DR 5"
JBM1217	Blowmold Case

Weight (lbs): 18.08 ASME B107.110-2012

1/2" DRIVE 19 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J74106

6

INCH



Contents	Description
J7412H	Socket, Impact 1/2" DR 3/8" 6 PT
J7414H	Socket, Impact 1/2" DR 7/16" 6 PT
J7416H	Socket, Impact 1/2" DR 1/2" 6 PT
J7418H	Socket, Impact 1/2" DR 9/16" 6 PT
J7420H	Socket, Impact 1/2" DR 5/8" 6 PT
J7422H	Socket, Impact 1/2" DR 11/16" 6 PT
J7424H	Socket, Impact 1/2" DR 3/4" 6 PT
J7426H	Socket, Impact 1/2" DR 13/16" 6 PT
J7428H	Socket, Impact 1/2" DR 7/8" 6 PT
J7430H	Socket, Impact 1/2" DR 15/16" 6 PT
J7432H	Socket, Impact 1/2" DR 1" 6 PT
J7434H	Socket, Impact 1/2" DR 1-1/16" 6 PT
J7436H	Socket, Impact 1/2" DR 1-1/8" 6 PT
J7438H	Socket, Impact 1/2" DR 1-3/16" 6 PT
J7440H	Socket, Impact 1/2" DR 1-1/4" 6 PT
J7442H	Socket, Impact 1/2" DR 1-5/16" 6 PT
J7444H	Socket, Impact 1/2" DR 1-3/8" 6 PT
J7446H	Socket, Impact 1/2" DR 1-7/16" 6 PT
J7448H	Socket, Impact 1/2" DR 1-1/2" 6 PT
J2585	Socket Bar, 9"
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 10.06 ASME B107.110-2012

1/2" DRIVE 19 PIECE DEEP IMPACT SOCKET SET - 6 POINT

Product #: J74116

6

INCH



Contents	Description
J7312H	Socket, Impact Deep 1/2" DR 3/8" 6 PT
J7314H	Socket, Impact Deep 1/2" DR 7/16" 6 PT
J7316H	Socket, Impact Deep 1/2" DR 1/2" 6 PT
J7318H	Socket, Impact Deep 1/2" DR 9/16" 6 PT
J7320H	Socket, Impact Deep 1/2" DR 5/8" 6 PT
J7322H	Socket, Impact Deep 1/2" DR 11/16" 6 PT
J7324H	Socket, Impact Deep 1/2" DR 3/4" 6 PT
J7326H	Socket, Impact Deep 1/2" DR 13/16" 6 PT
J7328H	Socket, Impact Deep 1/2" DR 7/8" 6 PT
J7330H	Socket, Impact Deep 1/2" DR 15/16" 6 PT
J7332H	Socket, Impact Deep 1/2" DR 1" 6 PT
J7334H	Socket, Impact Deep 1/2" DR 1-1/16" 6 PT
J7336H	Socket, Impact Deep 1/2" DR 1-1/8" 6 PT
J7338H	Socket, Impact Deep 1/2" DR 1-3/16" 6 PT
J7340H	Socket, Impact Deep 1/2" DR 1-1/4" 6 PT
J7342H	Socket, Impact Deep 1/2" DR 1-5/16" 6 PT
J7344H	Socket, Impact Deep 1/2" DR 1-3/8" 6 PT
J7346H	Socket, Impact Deep 1/2" DR 1-7/16" 6 PT
J7348H	Socket, Impact Deep 1/2" DR 1-1/2" 6 PT
J2585	Socket Bar, 9"
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 18.72

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4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1/2" DRIVE 18 PIECE METRIC DEEP IMPACT SOCKET SET - 6 POINT

Product #: J72149M

6

MM



Contents	Description
J7310M	Socket, Impact Deep 1/2" DR 10 mm 6 PT
J7311M	Socket, Impact Deep 1/2" DR 11 mm 6 PT
J7312M	Socket, Impact Deep 1/2" DR 12 mm 6 PT
J7313M	Socket, Impact Deep 1/2" DR 13 mm 6 PT
J7314M	Socket, Impact Deep 1/2" DR 14 mm 6 PT
J7315M	Socket, Impact Deep 1/2" DR 15 mm 6 PT
J7316M	Socket, Impact Deep 1/2" DR 16 mm 6 PT
J7317M	Socket, Impact Deep 1/2" DR 17 mm 6 PT
J7318M	Socket, Impact Deep 1/2" DR 18 mm 6 PT
J7319M	Socket, Impact Deep 1/2" DR 19 mm 6 PT
J7320M	Socket, Impact Deep 1/2" DR 20 mm 6 PT
J7321M	Socket, Impact Deep 1/2" DR 21 mm 6 PT
J7322M	Socket, Impact Deep 1/2" DR 22 mm 6 PT
J7323M	Socket, Impact Deep 1/2" DR 23 mm 6 PT
J7324M	Socket, Impact Deep 1/2" DR 24 mm 6 PT
J7325M	Socket, Impact Deep 1/2" DR 25 mm 6 PT
J7326M	Socket, Impact Deep 1/2" DR 26 mm 6 PT
J7327M	Socket, Impact Deep 1/2" DR 27 mm 6 PT
J2585	Socket Bar, 9"
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 9.32 ASME B107.110-2012

1/2" DRIVE 15 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J74104



Contents	Description
J7412H	Socket, Impact 1/2" DR 3/8" 6 PT
J7414H	Socket, Impact 1/2" DR 7/16" 6 PT
J7416H	Socket, Impact 1/2" DR 1/2" 6 PT
J7418H	Socket, Impact 1/2" DR 9/16" 6 PT
J7420H	Socket, Impact 1/2" DR 5/8" 6 PT
J7422H	Socket, Impact 1/2" DR 11/16" 6 PT
J7424H	Socket, Impact 1/2" DR 3/4" 6 PT
J7426H	Socket, Impact 1/2" DR 13/16" 6 PT
J7428H	Socket, Impact 1/2" DR 7/8" 6 PT
J7430H	Socket, Impact 1/2" DR 15/16" 6 PT
J7432H	Socket, Impact 1/2" DR 1" 6 PT
J7434H	Socket, Impact 1/2" DR 1-1/16" 6 PT
J7436H	Socket, Impact 1/2" DR 1-1/8" 6 PT
J7438H	Socket, Impact 1/2" DR 1-3/16" 6 PT
J7440H	Socket, Impact 1/2" DR 1-1/4" 6 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 6.44 ASME B107.110-2012

1/2" DRIVE 15 PIECE DEEP IMPACT SOCKET SET - 6 POINT

Product #: J74114

6 INCH



Contents	Description
J7312H	Socket, Impact Deep 1/2" DR 3/8" 6 PT
J7314H	Socket, Impact Deep 1/2" DR 7/16" 6 PT
J7316H	Socket, Impact Deep 1/2" DR 1/2" 6 PT
J7318H	Socket, Impact Deep 1/2" DR 9/16" 6 PT
J7320H	Socket, Impact Deep 1/2" DR 5/8" 6 PT
J7322H	Socket, Impact Deep 1/2" DR 11/16" 6 PT
J7324H	Socket, Impact Deep 1/2" DR 3/4" 6 PT
J7326H	Socket, Impact Deep 1/2" DR 13/16" 6 PT
J7328H	Socket, Impact Deep 1/2" DR 7/8" 6 PT
J7330H	Socket, Impact Deep 1/2" DR 15/16" 6 PT
J7332H	Socket, Impact Deep 1/2" DR 1" 6 PT
J7334H	Socket, Impact Deep 1/2" DR 1-1/16" 6 PT
J7336H	Socket, Impact Deep 1/2" DR 1-1/8" 6 PT
J7338H	Socket, Impact Deep 1/2" DR 1-3/16" 6 PT
J7340H	Socket, Impact Deep 1/2" DR 1-1/4" 6 PT
J2584	Socket Bar, 6-1/4"
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 11.91

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1/2" DRIVE 15 PIECE METRIC IMPACT SOCKET SET - 6 POINT

Product #: J74204

6 MM



Contents	Description
J7410M	Socket, Impact 1/2" DR 10 mm 6 PT
J7411M	Socket, Impact 1/2" DR 11 mm 6 PT
J7412M	Socket, Impact 1/2" DR 12 mm 6 PT
J7413M	Socket, Impact 1/2" DR 13 mm 6 PT
J7414M	Socket, Impact 1/2" DR 14 mm 6 PT
J7415M	Socket, Impact 1/2" DR 15 mm 6 PT
J7416M	Socket, Impact 1/2" DR 16 mm 6 PT
J7417M	Socket, Impact 1/2" DR 17 mm 6 PT
J7418M	Socket, Impact 1/2" DR 18 mm 6 PT
J7419M	Socket, Impact 1/2" DR 19 mm 6 PT
J7420M	Socket, Impact 1/2" DR 20 mm 6 PT
J7421M	Socket, Impact 1/2" DR 21 mm 6 PT
J7422M	Socket, Impact 1/2" DR 22 mm 6 PT
J7423M	Socket, Impact 1/2" DR 23 mm 6 PT
J7424M	Socket, Impact 1/2" DR 24 mm 6 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 4.28

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4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1/2" DRIVE 15 PIECE METRIC DEEP IMPACT SOCKET SET - 6 POINT

Product #: J74214

6

MM



Contents	Description
J7310M	Socket, Impact Deep 1/2" DR 10 mm 6 PT
J7311M	Socket, Impact Deep 1/2" DR 11 mm 6 PT
J7312M	Socket, Impact Deep 1/2" DR 12 mm 6 PT
J7313M	Socket, Impact Deep 1/2" DR 13 mm 6 PT
J7314M	Socket, Impact Deep 1/2" DR 14 mm 6 PT
J7315M	Socket, Impact Deep 1/2" DR 15 mm 6 PT
J7316M	Socket, Impact Deep 1/2" DR 16 mm 6 PT
J7317M	Socket, Impact Deep 1/2" DR 17 mm 6 PT
J7318M	Socket, Impact Deep 1/2" DR 18 mm 6 PT
J7319M	Socket, Impact Deep 1/2" DR 19 mm 6 PT
J7320M	Socket, Impact Deep 1/2" DR 20 mm 6 PT
J7321M	Socket, Impact Deep 1/2" DR 21 mm 6 PT
J7322M	Socket, Impact Deep 1/2" DR 22 mm 6 PT
J7323M	Socket, Impact Deep 1/2" DR 23 mm 6 PT
J7324M	Socket, Impact Deep 1/2" DR 24 mm 6 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 8.61 ASME B107.110-2012

1/2" DRIVE 12 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J74242

6

INCH MM



Contents	Description
J7412H	Socket, Impact 1/2" DR 3/8" 6 PT
J7414H	Socket, Impact 1/2" DR 7/16" 6 PT
J7416H	Socket, Impact 1/2" DR 1/2" 6 PT
J7418H	Socket, Impact 1/2" DR 9/16" 6 PT
J7420H	Socket, Impact 1/2" DR 5/8" 6 PT
J7424H	Socket, Impact 1/2" DR 3/4" 6 PT
J7408M*	Socket, Impact 1/2" DR 8 mm 6 PT
J7410M	Socket, Impact 1/2" DR 10 mm 6 PT
J7412M	Socket, Impact 1/2" DR 12 mm 6 PT
J7414M	Socket, Impact 1/2" DR 14 mm 6 PT
J7417M	Socket, Impact 1/2" DR 17 mm 6 PT
J7419M	Socket, Impact 1/2" DR 19 mm 6 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 3.02 ASME B107.110-2012

*This size not covered under ASME Standards

1/2" DRIVE 11 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J74102

6 INCH

Contents	Description
J7416H	Socket, Impact 1/2" DR 1/2" 6 PT
J7418H	Socket, Impact 1/2" DR 9/16" 6 PT
J7420H	Socket, Impact 1/2" DR 5/8" 6 PT
J7422H	Socket, Impact 1/2" DR 11/16" 6 PT
J7424H	Socket, Impact 1/2" DR 3/4" 6 PT
J7426H	Socket, Impact 1/2" DR 13/16" 6 PT
J7428H	Socket, Impact 1/2" DR 7/8" 6 PT
J7430H	Socket, Impact 1/2" DR 15/16" 6 PT
J7432H	Socket, Impact 1/2" DR 1" 6 PT
J7434H	Socket, Impact 1/2" DR 1-1/16" 6 PT
J7436H	Socket, Impact 1/2" DR 1-1/8" 6 PT
J2586	Socket Bar, 13"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 4.10 ASME B107.110-2012



1/2" DRIVE 11 PIECE DEEP IMPACT SOCKET SET - 6 POINT

Product #: J74112

6 INCH

Contents	Description
J7316H	Socket, Impact Deep 1/2" DR 1/2" 6 PT
J7318H	Socket, Impact Deep 1/2" DR 9/16" 6 PT
J7320H	Socket, Impact Deep 1/2" DR 5/8" 6 PT
J7322H	Socket, Impact Deep 1/2" DR 11/16" 6 PT
J7324H	Socket, Impact Deep 1/2" DR 3/4" 6 PT
J7326H	Socket, Impact Deep 1/2" DR 13/16" 6 PT
J7328H	Socket, Impact Deep 1/2" DR 7/8" 6 PT
J7330H	Socket, Impact Deep 1/2" DR 15/16" 6 PT
J7332H	Socket, Impact Deep 1/2" DR 1" 6 PT
J7334H	Socket, Impact Deep 1/2" DR 1-1/16" 6 PT
J7336H	Socket, Impact Deep 1/2" DR 1-1/8" 6 PT
J2586	Socket Bar, 13"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 8.03 ASME B107.110-2012



4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1/2" DRIVE 10 PIECE DEEP IMPACT SOCKET SET - 6 POINT

Product #: J74201

6

INCH MM

Contents	Description
J7316H	Socket, Impact Deep 1/2" DR 1/2" 6 PT
J7318H	Socket, Impact Deep 1/2" DR 9/16" 6 PT
J7320H	Socket, Impact Deep 1/2" DR 5/8" 6 PT
J7324H	Socket, Impact Deep 1/2" DR 3/4" 6 PT
J7326H	Socket, Impact Deep 1/2" DR 13/16" 6 PT
J7313M	Socket, Impact Deep 1/2" DR 13 mm 6 PT
J7316M	Socket, Impact Deep 1/2" DR 16 mm 6 PT
J7317M	Socket, Impact Deep 1/2" DR 17 mm 6 PT
J7319M	Socket, Impact Deep 1/2" DR 19 mm 6 PT
J7321M	Socket, Impact Deep 1/2" DR 21 mm 6 PT

Weight (lbs): 5.12 ASME B107.110-2012



1/2" DRIVE 10 PIECE METRIC DEEP IMPACT SOCKET SET - 6 POINT

Product #: J74212

6

MM

Contents	Description
J7310M	Socket, Impact Deep 1/2" DR 10 mm 6 PT
J7311M	Socket, Impact Deep 1/2" DR 11 mm 6 PT
J7312M	Socket, Impact Deep 1/2" DR 12 mm 6 PT
J7313M	Socket, Impact Deep 1/2" DR 13 mm 6 PT
J7314M	Socket, Impact Deep 1/2" DR 14 mm 6 PT
J7315M	Socket, Impact Deep 1/2" DR 15 mm 6 PT
J7316M	Socket, Impact Deep 1/2" DR 16 mm 6 PT
J7317M	Socket, Impact Deep 1/2" DR 17 mm 6 PT
J2587	Socket Bar, 17"
J7318M	Socket, Impact Deep 1/2" DR 18 mm 6 PT
J7319M	Socket, Impact Deep 1/2" DR 19 mm 6 PT
J2592	Socket Clip, 1/2" DR

Weight (lbs): 4.78 ASME B107.110-2012



1/2" DRIVE 8 PIECE DEEP IMPACT SOCKET SET - 6 POINT

Product #: J72159

6 INCH

Contents	Description
J7316H	Socket, Impact Deep 1/2" DR 1/2" 6 PT
J7318H	Socket, Impact Deep 1/2" DR 9/16" 6 PT
J7320H	Socket, Impact Deep 1/2" DR 5/8" 6 PT
J7322H	Socket, Impact Deep 1/2" DR 11/16" 6 PT
J7324H	Socket, Impact Deep 1/2" DR 3/4" 6 PT
J7326H	Socket, Impact Deep 1/2" DR 13/16" 6 PT
J7328H	Socket, Impact Deep 1/2" DR 7/8" 6 PT
J7330H	Socket, Impact Deep 1/2" DR 15/16" 6 PT
J2588	Socket Bar, 11"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 4.01 ASME B107.110-2012



1/2" DRIVE 7 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J72157

6 INCH

Contents	Description
J7414H	Socket, Impact 1/2" DR 7/16" 6 PT
J7416H	Socket, Impact 1/2" DR 1/2" 6 PT
J7418H	Socket, Impact 1/2" DR 9/16" 6 PT
J7420H	Socket, Impact 1/2" DR 5/8" 6 PT
J7422H	Socket, Impact 1/2" DR 11/16" 6 PT
J7424H	Socket, Impact 1/2" DR 3/4" 6 PT
J7426H	Socket, Impact 1/2" DR 13/16" 6 PT
J2588	Socket Bar, 11"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 3.08 ASME B107.110-2012



1/2" DRIVE 5 PIECE METRIC DEEP IMPACT SOCKET SET - 6 POINT

Product #: J74218

6 MM

Contents	Description
J7317M	Socket, Impact Deep 1/2" DR 17 mm 6 PT
J7319M	Socket, Impact Deep 1/2" DR 19 mm 6 PT
J7321M	Socket, Impact Deep 1/2" DR 21 mm 6 PT
J7322M	Socket, Impact Deep 1/2" DR 22 mm 6 PT
J7324M	Socket, Impact Deep 1/2" DR 24 mm 6 PT

Weight (lbs): 3.37 ASME B107.110-2012



4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1/2" DRIVE 15 PIECE DEEP IMPACT THIN WALL SOCKET SET - 6 POINT

Product #: J74117

6

INCH

- Specifically designed for light clearance applications.
- Reduced wall thickness helps improve access to fasteners in restricted areas.
- All Impact sockets feature one through hole and a groove to accept a retaining ring and pin to secure the socket to the power tool anvil. Chamfered service ends for quick and positive fastener engagement.
- Thin wall sockets are lightweight.
- Designed to fit into smaller spaces.
- Thinner walls help improve productivity by making it easier to gain access to fasteners in confined spaces.
- Often used in application where fasteners are close together, such as tire service.
- Extra deep length helps improve access in confined areas.



Contents	Description
J7312HT	Socket, Impact Thin Wall Deep 1/2" DR 3/8" 6 PT
J7314HT	Socket, Impact Thin Wall Deep 1/2" DR 7/16" 6 PT
J7316HT	Socket, Impact Thin Wall Deep 1/2" DR 1/2" 6 PT
J7318HT	Socket, Impact Thin Wall Deep 1/2" DR 9/16" 6 PT
J7320HT	Socket, Impact Thin Wall Deep 1/2" DR 5/8" 6 PT
J7322HT	Socket, Impact Thin Wall Deep 1/2" DR 11/16" 6 PT
J7324HT	Socket, Impact Thin Wall Deep 1/2" DR 3/4" 6 PT
J7326HT	Socket, Impact Thin Wall Deep 1/2" DR 13/16" 6 PT
J7328HT	Socket, Impact Thin Wall Deep 1/2" DR 7/8" 6 PT
J7330HT	Socket, Impact Thin Wall Deep 1/2" DR 15/16" 6 PT
J7332HT	Socket, Impact Thin Wall Deep 1/2" DR 1" 6 PT
J7334HT	Socket, Impact Thin Wall Deep 1/2" DR 1-1/16" 6 PT
J7336HT	Socket, Impact Thin Wall Deep 1/2" DR 1-1/8" 6 PT
J7338HT	Socket, Impact Thin Wall Deep 1/2" DR 1-3/16" 6 PT
J7340HT	Socket, Impact Thin Wall Deep 1/2" DR 1-1/4" 6 PT

Weight (lbs): 10.06

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1/2" DRIVE 15 PIECE METRIC DEEP IMPACT THIN WALL SOCKET SET - 6 POINT

Product #: J74217

6

MM



Contents	Description
J7310MHT	Socket, Impact Thin Wall Deep 1/2" DR 10 mm 6 PT
J7311MHT	Socket, Impact Thin Wall Deep 1/2" DR 11 mm 6 PT
J7312MHT	Socket, Impact Thin Wall Deep 1/2" DR 12 mm 6 PT
J7313MHT	Socket, Impact Thin Wall Deep 1/2" DR 13 mm 6 PT
J7314MHT	Socket, Impact Thin Wall Deep 1/2" DR 14 mm 6 PT
J7315MHT	Socket, Impact Thin Wall Deep 1/2" DR 15 mm 6 PT
J7316MHT	Socket, Impact Thin Wall Deep 1/2" DR 16 mm 6 PT
J7317MHT	Socket, Impact Thin Wall Deep 1/2" DR 17 mm 6 PT
J7318MHT	Socket, Impact Thin Wall Deep 1/2" DR 18 mm 6 PT
J7319MHT	Socket, Impact Thin Wall Deep 1/2" DR 19 mm 6 PT
J7320MHT	Socket, Impact Thin Wall Deep 1/2" DR 20 mm 6 PT
J7321MHT	Socket, Impact Thin Wall Deep 1/2" DR 21 mm 6 PT
J7322MHT	Socket, Impact Thin Wall Deep 1/2" DR 22 mm 6 PT
J7323MHT	Socket, Impact Thin Wall Deep 1/2" DR 23 mm 6 PT
J7324MHT	Socket, Impact Thin Wall Deep 1/2" DR 24 mm 6 PT
J2587	Socket Bar, 17"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 7.51

1/2" DRIVE 13 PIECE UNIVERSAL IMPACT SOCKET SET - 6 POINT

Product #: J74143

- Ball and spring design which allows for a 30° working angle.
- Smooth 360° rotation.

6 INCH

Contents	Description
J74275P	Socket, Impact Universal 1/2" DR 1/2" 6 PT
J74276P	Socket, Impact Universal 1/2" DR 9/16" 6 PT
J74277P	Socket, Impact Universal 1/2" DR 5/8" 6 PT
J74278P	Socket, Impact Universal 1/2" DR 11/16" 6 PT
J74279P	Socket, Impact Universal 1/2" DR 3/4" 6 PT
J74280P	Socket, Impact Universal 1/2" DR 13/16" 6 PT
J74281P	Socket, Impact Universal 1/2" DR 7/8" 6 PT
J74282P	Socket, Impact Universal 1/2" DR 15/16" 6 PT
J74283P	Socket, Impact Universal 1/2" DR 1" 6 PT
J74284P	Socket, Impact Universal 1/2" DR 1-1/16" 6 PT
J74285P	Socket, Impact Universal 1/2" DR 1-1/8" 6 PT
J74286P	Socket, Impact Universal 1/2" DR 1-3/16" 6 PT
J74287P	Socket, Impact Universal 1/2" DR 1-1/4" 6 PT



Weight (lbs): 8.13 ASME B107.110-2012

1/2" DRIVE 7 PIECE UNIVERSAL IMPACT SOCKET SET - 6 POINT

Product #: J74142

6 INCH

Contents	Description
J74274P	Socket, Impact Universal 1/2" DR 7/16" 6 PT
J74275P	Socket, Impact Universal 1/2" DR 1/2" 6 PT
J74276P	Socket, Impact Universal 1/2" DR 9/16" 6 PT
J74277P	Socket, Impact Universal 1/2" DR 5/8" 6 PT
J74278P	Socket, Impact Universal 1/2" DR 11/16" 6 PT
J74279P	Socket, Impact Universal 1/2" DR 3/4" 6 PT
J74280P	Socket, Impact Universal 1/2" DR 13/16" 6 PT
J2585	Socket Bar, 9"
J2592	Socket Clip, 1/2" DR



Weight (lbs): 3.24 ASME B107.110-2012

1/2" DRIVE 7 PIECE UNIVERSAL METRIC IMPACT SOCKET SET - 6 POINT

Product #: J72143M

6 MM

Contents	Description
J74413MP	Socket, Impact Universal 1/2" DR 13 mm 6 PT
J74414MP	Socket, Impact Universal 1/2" DR 14 mm 6 PT
J74415MP	Socket, Impact Universal 1/2" DR 15 mm 6 PT
J74416MP	Socket, Impact Universal 1/2" DR 16 mm 6 PT
J74417MP	Socket, Impact Universal 1/2" DR 17 mm 6 PT
J74418MP	Socket, Impact Universal 1/2" DR 18 mm 6 PT
J74419MP	Socket, Impact Universal 1/2" DR 19 mm 6 PT
J2592	Socket Clip, 1/2" DR
J2588	Socket Bar, 11"



Weight (lbs): 3.32 ASME B107.110-2012

4 4 POINT 6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE TORX® TORX® HEX HEX BLACK OXIDE

1/2" DRIVE 8 PIECE DEEP UNIVERSAL IMPACT SOCKET SET - 6 POINT

Product #: J72145

6

INCH

Contents	Description
J75275P	Socket, Impact Universal Deep 1/2" DR 1/2" 6 PT
J75276P	Socket, Impact Universal Deep 1/2" DR 9/16" 6 PT
J75277P	Socket, Impact Universal Deep 1/2" DR 5/8" 6 PT
J75278P	Socket, Impact Universal Deep 1/2" DR 11/16" 6 PT
J75279P	Socket, Impact Universal Deep 1/2" DR 3/4" 6 PT
J75280P	Socket, Impact Universal Deep 1/2" DR 13/16" 6 PT
J75281P	Socket, Impact Universal Deep 1/2" DR 7/8" 6 PT
J75282P	Socket, Impact Universal Deep 1/2" DR 15/16" 6 PT
J2592	Socket Clip, 1/2" DR
J2588	Socket Bar, 11"

Weight (lbs): 3.68 ASME B107.110-2012



1/2" DRIVE 7 PIECE DEEP UNIVERSAL METRIC IMPACT SOCKET SET - 6 POINT

Product #: J72147M

6

MM

Contents	Description
J75413MP	Socket, Impact Universal Deep 1/2" DR 13 mm 6 PT
J75414MP	Socket, Impact Universal Deep 1/2" DR 14 mm 6 PT
J75415MP	Socket, Impact Universal Deep 1/2" DR 15 mm 6 PT
J75416MP	Socket, Impact Universal Deep 1/2" DR 16 mm 6 PT
J75417MP	Socket, Impact Universal Deep 1/2" DR 17 mm 6 PT
J75418MP	Socket, Impact Universal Deep 1/2" DR 18 mm 6 PT
J75419MP	Socket, Impact Universal Deep 1/2" DR 19 mm 6 PT
J2592	Socket Clip, 1/2" DR
J2588	Socket Bar, 11"

Weight (lbs): 4.07 ASME B107.110-2012



1/2" DRIVE 7 PIECE HEX BIT IMPACT SOCKET SET

Product #: J74152

HEX

INCH

Contents	Description
J74411/4	Socket, Impact Hex Bit 1/2" DR 1/4"
J74415/16	Socket, Impact Hex Bit 1/2" DR 5/16"
J74413/8	Socket, Impact Hex Bit 1/2" DR 3/8"
J74417/16	Socket, Impact Hex Bit 1/2" DR 7/16"
J74411/2	Socket, Impact Hex Bit 1/2" DR 1/2"
J74419/16	Socket, Impact Hex Bit 1/2" DR 9/16"
J74415/8	Socket, Impact Hex Bit 1/2" DR 5/8"
J2585	Socket Bar, 9"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 2.98 ASME B107.110-2012



1/2" DRIVE 6 PIECE METRIC HEX BIT IMPACT SOCKET SET

Product #: J74252

HEX

MM

- Made of forged steel.
- Size stamped on tool for easy identification.
- Side locking hole.



Contents	Description
J7441-6M	Socket, Impact Hex Bit 1/2" DR 6 mm
J7441-8M	Socket, Impact Hex Bit 1/2" DR 8 mm
J7441-10M	Socket, Impact Hex Bit 1/2" DR 10 mm
J7441-12M	Socket, Impact Hex Bit 1/2" DR 12 mm
J7441-14M	Socket, Impact Hex Bit 1/2" DR 14 mm
J7441-17M	Socket, Impact Hex Bit 1/2" DR 17 mm
J2585	Socket Bar, 9"
J2592	Socket Clip, 1/2" DR

Weight (lbs): 2.55 ASME B107.110-2012

1/2" DRIVE 3 PIECE LOCKING IMPACT EXTENSION SET

Product #: J7515

- Solid one-piece design helps prevent the locking components from becoming loose or disengaged.
- Patented locking feature locks sockets to the extension with exceptional force.
- Knurled shank provides a slip-resistant grip when hand-turning the extension.



Contents	Description
J7503	Extension, Impact, Locking 1/2" DR x 3"
J7505	Extension, Impact, Locking 1/2" DR x 5"
J7510	Extension, Impact, Locking 1/2" DR x 10"

Weight (lbs): 2.06 ASME B107.110-2012

1/2" DRIVE 4 PIECE IMPACT EXTENSION SET

Product #: J7515A

- Solid one-piece design helps prevent the locking components from becoming loose or disengaged.
- Patented locking feature locks sockets to the extension with exceptional force.
- Knurled shank provides a slip-resistant grip when hand-turning the extension.



Contents	Description
J7180P	Extension, Impact 1/2" DR 2"
J7182P*	Extension, Impact 1/2" DR 3"
J7181P	Extension, Impact 1/2" DR 5"
J7183-00	Extension, Impact 1/2" DR 10"

Weight (lbs): 2.08 ASME B107.110-2012

*This size not covered under ASME Standards

4 4 POINT 6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE TORX® TORX® HEX HEX BLACK OXIDE

3/4" DRIVE 21 PIECE METRIC IMPACT SOCKET SET - 6 POINT

Product #: J72103M

6

MM

Contents	Description
J07519M	Socket, Impact 3/4" DR 19 mm 6 PT
J07520M	Socket, Impact 3/4" DR 20 mm 6 PT
J07521M	Socket, Impact 3/4" DR 21 mm 6 PT
J07522M	Socket, Impact 3/4" DR 22 mm 6 PT
J07523M	Socket, Impact 3/4" DR 23 mm 6 PT
J07524M	Socket, Impact 3/4" DR 24 mm 6 PT
J07525M	Socket, Impact 3/4" DR 25 mm 6 PT
J07526M	Socket, Impact 3/4" DR 26 mm 6 PT
J07527M	Socket, Impact 3/4" DR 27 mm 6 PT
J07528M	Socket, Impact 3/4" DR 28 mm 6 PT
J07529M	Socket, Impact 3/4" DR 29 mm 6 PT
J07530M	Socket, Impact 3/4" DR 30 mm 6 PT
J07531M	Socket, Impact 3/4" DR 31 mm 6 PT
J07532M	Socket, Impact 3/4" DR 32 mm 6 PT
J07533M	Socket, Impact 3/4" DR 33 mm 6 PT
J07534M	Socket, Impact 3/4" DR 34 mm 6 PT
J07535M	Socket, Impact 3/4" DR 35 mm 6 PT
J07536M	Socket, Impact 3/4" DR 36 mm 6 PT
J07538M	Socket, Impact 3/4" DR 38 mm 6 PT
J07540M	Socket, Impact 3/4" DR 40 mm 6 PT
J07541M	Socket, Impact 3/4" DR 41 mm 6 PT
J2587	Socket Bar, 17"
J2594	Socket Clip, 3/4" DR

Weight (lbs): 14.91 ASME B107.110-2012



3/4" DRIVE 20 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J72103

6

INCH

Contents	Description
J07510	Socket, Impact 3/4" DR 5/8" 6 PT
J07512	Socket, Impact 3/4" DR 3/4" 6 PT
J07513	Socket, Impact 3/4" DR 13/16" 6 PT
J07514	Socket, Impact 3/4" DR 7/8" 6 PT
J07515	Socket, Impact 3/4" DR 15/16" 6 PT
J07516	Socket, Impact 3/4" DR 1" 6 PT
J07517	Socket, Impact 3/4" DR 1-1/16" 6 PT
J07518	Socket, Impact 3/4" DR 1-1/8" 6 PT
J07520	Socket, Impact 3/4" DR 1-1/4" 6 PT
J07521	Socket, Impact 3/4" DR 1-5/16" 6 PT
J07522	Socket, Impact 3/4" DR 1-3/8" 6 PT
J07523	Socket, Impact 3/4" DR 1-7/16" 6 PT
J07524	Socket, Impact 3/4" DR 1-1/2" 6 PT
J07526	Socket, Impact 3/4" DR 1-5/8" 6 PT
J07527	Socket, Impact 3/4" DR 1-11/16" 6 PT
J07528	Socket, Impact 3/4" DR 1-3/4" 6 PT
J07529	Socket, Impact 3/4" DR 1-13/16" 6 PT
J07530	Socket, Impact 3/4" DR 1-7/8" 6 PT
J07531*	Socket, Impact 3/4" DR 1-15/16" 6 PT
J07532	Socket, Impact 3/4" DR 2" 6 PT

Weight (lbs): 26.19 ASME B107.110-2012

*This size not covered under ASME Standards



3/4" DRIVE 15 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J73105

6

INCH

Contents	Description
J07512	Socket, Impact 3/4" DR 3/4" 6 PT
J07513	Socket, Impact 3/4" DR 13/16" 6 PT
J07514	Socket, Impact 3/4" DR 7/8" 6 PT
J07515	Socket, Impact 3/4" DR 15/16" 6 PT
J07516	Socket, Impact 3/4" DR 1" 6 PT
J07517	Socket, Impact 3/4" DR 1-1/16" 6 PT
J07518	Socket, Impact 3/4" DR 1-1/8" 6 PT
J07519	Socket, Impact 3/4" DR 1-3/16" 6 PT
J07520	Socket, Impact 3/4" DR 1-1/4" 6 PT
J07521	Socket, Impact 3/4" DR 1-5/16" 6 PT
J07522	Socket, Impact 3/4" DR 1-3/8" 6 PT
J07523	Socket, Impact 3/4" DR 1-7/16" 6 PT
J07524	Socket, Impact 3/4" DR 1-1/2" 6 PT
J07525	Socket, Impact 3/4" DR 1-9/16" 6 PT
J07526	Socket, Impact 3/4" DR 1-5/8" 6 PT
J2587	Socket Bar, 17"
J2594	Socket Clip, 3/4" DR

Weight (lbs): 10.65 ASME B107.110-2012



3/4" DRIVE 12 PIECE METRIC IMPACT SOCKET SET - 6 POINT

Product #: J72105M

6

MM

Contents	Description
J07519M	Socket, Impact 3/4" DR 19 mm 6 PT
J07520M	Socket, Impact 3/4" DR 20 mm 6 PT
J07521M	Socket, Impact 3/4" DR 21 mm 6 PT
J07522M	Socket, Impact 3/4" DR 22 mm 6 PT
J07523M	Socket, Impact 3/4" DR 23 mm 6 PT
J07524M	Socket, Impact 3/4" DR 24 mm 6 PT
J07527M	Socket, Impact 3/4" DR 27 mm 6 PT
J07530M	Socket, Impact 3/4" DR 30 mm 6 PT
J07532M	Socket, Impact 3/4" DR 32 mm 6 PT
J07536M	Socket, Impact 3/4" DR 36 mm 6 PT
J07541M	Socket, Impact 3/4" DR 41 mm 6 PT
J07546M	Socket, Impact 3/4" DR 46 mm 6 PT

Weight (lbs): 13.33 ASME B107.110-2012



3/4" DRIVE 10 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J07500-10

6

INCH

Contents	Description
J07512	Socket, Impact 3/4" DR 3/4" 6 PT
J07513	Socket, Impact 3/4" DR 13/16" 6 PT
J07514	Socket, Impact 3/4" DR 7/8" 6 PT
J07515	Socket, Impact 3/4" DR 15/16" 6 PT
J07516	Socket, Impact 3/4" DR 1" 6 PT
J07517	Socket, Impact 3/4" DR 1-1/16" 6 PT
J07518	Socket, Impact 3/4" DR 1-1/8" 6 PT
J07519	Socket, Impact 3/4" DR 1-3/16" 6 PT
J07520	Socket, Impact 3/4" DR 1-1/4" 6 PT
J07521	Socket, Impact 3/4" DR 1-5/16" 6 PT

Weight (lbs): 7.10 ASME B107.110-2012



4 4 POINT 6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE TORX® TORX® HEX HEX BLACK OXIDE

3/4" DRIVE 10 PIECE METRIC DEEP IMPACT SOCKET SET - 6 POINT

Product #: J72100M

6

MM

Contents	Description
J07519ML	Socket, Impact Deep 3/4" DR 19 mm 6 PT
J07521ML	Socket, Impact Deep 3/4" DR 21 mm 6 PT
J07522ML	Socket, Impact Deep 3/4" DR 22 mm 6 PT
J07523ML	Socket, Impact Deep 3/4" DR 23 mm 6 PT
J07524ML	Socket, Impact Deep 3/4" DR 24 mm 6 PT
J07526ML	Socket, Impact Deep 3/4" DR 26 mm 6 PT
J07527ML	Socket, Impact Deep 3/4" DR 27 mm 6 PT
J07530ML	Socket, Impact Deep 3/4" DR 30 mm 6 PT
J07532ML	Socket, Impact Deep 3/4" DR 32 mm 6 PT
J07533ML	Socket, Impact Deep 3/4" DR 33 mm 6 PT
J2587	Socket Bar, 17"
J2594	Socket Clip, 3/4" DR

Weight (lbs): 14.27 ASME B107.110-2012



3/4" DRIVE 8 PIECE IMPACT SOCKET SETS - 6 POINT

Product #: J73103

6

INCH

Contents	Description
J07516	Socket, Impact 3/4" DR 1" 6 PT
J07517	Socket, Impact 3/4" DR 1-1/16" 6 PT
J07518	Socket, Impact 3/4" DR 1-1/8" 6 PT
J07520	Socket, Impact 3/4" DR 1-1/4" 6 PT
J07521	Socket, Impact 3/4" DR 1-5/16" 6 PT
J07522	Socket, Impact 3/4" DR 1-3/8" 6 PT
J07523	Socket, Impact 3/4" DR 1-7/16" 6 PT
J07524	Socket, Impact 3/4" DR 1-1/2" 6 PT

Weight (lbs): 9.39 ASME B107.110-2012



Product #: J73102

6

INCH

Contents	Description
J07516L	Socket, Impact Deep 3/4" DR 1" 6 PT
J07517L	Socket, Impact Deep 3/4" DR 1-1/16" 6 PT
J07518L	Socket, Impact Deep 3/4" DR 1-1/8" 6 PT
J07520L	Socket, Impact Deep 3/4" DR 1-1/4" 6 PT
J07521L	Socket, Impact Deep 3/4" DR 1-5/16" 6 PT
J07522L	Socket, Impact Deep 3/4" DR 1-3/8" 6 PT
J07523L	Socket, Impact Deep 3/4" DR 1-7/16" 6 PT
J07524L	Socket, Impact Deep 3/4" DR 1-1/2" 6 PT

Weight (lbs): 13.83 ASME B107.110-2012



Product #: J73104

6

INCH

Contents	Description
J07517	Socket, Impact 3/4" DR 1-1/16" 6 PT
J07520	Socket, Impact 3/4" DR 1-1/4" 6 PT
J07523	Socket, Impact 3/4" DR 1-7/16" 6 PT
J07526	Socket, Impact 3/4" DR 1-5/8" 6 PT
J07529	Socket, Impact 3/4" DR 1-13/16" 6 PT
J07532	Socket, Impact 3/4" DR 2" 6 PT
J07535	Socket, Impact 3/4" DR 2-3/16" 6 PT
J07538	Socket, Impact 3/4" DR 2-3/8" 6 PT

Weight (lbs): 16.63 ASME B107.110-2012



3/4" DRIVE 7 PIECE DEEP METRIC IMPACT SOCKET SET - 6 POINT

Product #: J72102M

6

MM

Contents	Description
J07526ML	Socket, Impact Deep 3/4" DR 26 mm 6 PT
J07527ML	Socket, Impact Deep 3/4" DR 27 mm 6 PT
J07530ML	Socket, Impact Deep 3/4" DR 30 mm 6 PT
J07532ML	Socket, Impact Deep 3/4" DR 32 mm 6 PT
J07535ML	Socket, Impact Deep 3/4" DR 35 mm 6 PT
J07536ML	Socket, Impact Deep 3/4" DR 36 mm 6 PT
J07538ML	Socket, Impact Deep 3/4" DR 38 mm 6 PT

Weight (lbs): 12.20 ASME B107.110-2012



3/4" DRIVE 26 PIECE METRIC IMPACT SOCKET SET - 12 POINT

Product #: J72106M

12

MM

Contents	Description
J07517MT	Socket, Impact 3/4" DR 17mm 12 PT
J07519MT	Socket, Impact 3/4" DR 19mm 12 PT
J07520MT	Socket, Impact 3/4" DR 20mm 12 PT
J07521MT	Socket, Impact 3/4" DR 21mm 12 PT
J07522MT	Socket, Impact 3/4" DR 22mm 12 PT
J07523MT	Socket, Impact 3/4" DR 23mm 12 PT
J07524MT	Socket, Impact 3/4" DR 24mm 12 PT
J07525MT	Socket, Impact 3/4" DR 25mm 12 PT
J07526MT	Socket, Impact 3/4" DR 26mm 12 PT
J07527MT	Socket, Impact 3/4" DR 27mm 12 PT
J07528MT	Socket, Impact 3/4" DR 28mm 12 PT
J07529MT	Socket, Impact 3/4" DR 29mm 12 PT
J07530MT	Socket, Impact 3/4" DR 30mm 12 PT
J07531MT	Socket, Impact 3/4" DR 31mm 12 PT
J07532MT	Socket, Impact 3/4" DR 32mm 12 PT
J07533MT	Socket, Impact 3/4" DR 33mm 12 PT
J07534MT	Socket, Impact 3/4" DR 34mm 12 PT
J07535MT	Socket, Impact 3/4" DR 35mm 12 PT
J07536MT	Socket, Impact 3/4" DR 36mm 12 PT
J07538MT	Socket, Impact 3/4" DR 38mm 12 PT
J07540MT	Socket, Impact 3/4" DR 40mm 12 PT
J07541MT	Socket, Impact 3/4" DR 41mm 12 PT
J07542MT	Socket, Impact 3/4" DR 42mm 12 PT
J07543MT	Socket, Impact 3/4" DR 43mm 12 PT
J07546MT	Socket, Impact 3/4" DR 46mm 12 PT
J07550MT	Socket, Impact 3/4" DR 50mm 12 PT

Weight (lbs): 29.30 ASME B107.110-2012



4 4 POINT 6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE TORX® TORX® HEX HEX BLACK OXIDE

3/4" DRIVE 15 PIECE DEEP METRIC IMPACT SOCKET SET - 12 POINT

Product #: a

12

MM

Contents	Description
J07519MLT	Socket, Impact Deep 3/4" DR 19 mm 12 PT
J07521MLT	Socket, Impact Deep 3/4" DR 21 mm 12 PT
J07522MLT	Socket, Impact Deep 3/4" DR 22 mm 12 PT
J07523MLT	Socket, Impact Deep 3/4" DR 23 mm 12 PT
J07524MLT	Socket, Impact Deep 3/4" DR 24 mm 12 PT
J07526MLT	Socket, Impact Deep 3/4" DR 26 mm 12 PT
J07527MLT	Socket, Impact Deep 3/4" DR 27 mm 12 PT
J07530MLT	Socket, Impact Deep 3/4" DR 30 mm 12 PT
J07532MLT	Socket, Impact Deep 3/4" DR 32 mm 12 PT
J07533MLT	Socket, Impact Deep 3/4" DR 33 mm 12 PT
J07535MLT	Socket, Impact Deep 3/4" DR 35 mm 12 PT
J07536MLT	Socket, Impact Deep 3/4" DR 36 mm 12 PT
J07538MLT	Socket, Impact Deep 3/4" DR 38 mm 12 PT
J07541MLT	Socket, Impact Deep 3/4" DR 41 mm 12 PT
J07543MLT	Socket, Impact Deep 3/4" DR 43 mm 12 PT

Weight (lbs): 23.06 ASME B107.110-2012



3/4" DRIVE 13 PIECE IMPACT SOCKET SET - 12 POINT

Product #: J72104

12

INCH

Contents	Description
J07512T	Socket, Impact 3/4" DR 3/4" 12 PT
J07513T	Socket, Impact 3/4" DR 13/16" 12 PT
J07514T	Socket, Impact 3/4" DR 7/8" 12 PT
J07515T	Socket, Impact 3/4" DR 15/16" 12 PT
J07516T	Socket, Impact 3/4" DR 1" 12 PT
J07517T	Socket, Impact 3/4" DR 1-1/16" 12 PT
J07518T	Socket, Impact 3/4" DR 1-1/8" 12 PT
J07519T	Socket, Impact 3/4" DR 1-3/16" 12 PT
J07520T	Socket, Impact 3/4" DR 1-1/4" 12 PT
J07521T	Socket, Impact 3/4" DR 1-5/16" 12 PT
J07522T	Socket, Impact 3/4" DR 1-3/8" 12 PT
J07523T	Socket, Impact 3/4" DR 1-7/16" 12 PT
J07524T	Socket, Impact 3/4" DR 1-1/2" 12 PT

Weight (lbs): 12.92 ASME B107.110-2012



3/4" DRIVE 5 PIECE IMPACT HEX BIT SOCKET SET

Product #: J07595

HEX

INCH

- Made of forged steel.
- Size stamped on tool for easy identification.
- Side locking hole.

Contents	Description
J075909/16	Socket, Impact 3/4" DR Hex Bit 9/16"
J075905/8	Socket, Impact 3/4" DR Hex Bit 5/8"
J075903/4	Socket, Impact 3/4" DR Hex Bit 3/4"
J075907/8	Socket, Impact 3/4" DR Hex Bit 7/8"
J075901	Socket, Impact 3/4" DR Hex Bit 1"
J2576	Socket Bar, 3/4" DR w/ 5 Clips - 9"

Weight (lbs): 9.07





1" DRIVE 37 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J76137

6

INCH



Contents	Description
J10012	Socket, Impact 1" DR 3/4" 6 PT
J10013	Socket, Impact 1" DR 13/16" 6 PT
J10014	Socket, Impact 1" DR 7/8" 6 PT
J10015	Socket, Impact 1" DR 15/16" 6 PT
J10016	Socket, Impact 1" DR 1" 6 PT
J10017	Socket, Impact 1" DR 1-1/16" 6 PT
J10018	Socket, Impact 1" DR 1-1/8" 6 PT
J10019	Socket, Impact 1" DR 1-3/16" 6 PT
J10020	Socket, Impact 1" DR 1-1/4" 6 PT
J10021	Socket, Impact 1" DR 1-5/16" 6 PT
J10022	Socket, Impact 1" DR 1-3/8" 6 PT
J10023	Socket, Impact 1" DR 1-7/16" 6 PT
J10024	Socket, Impact 1" DR 1-1/2" 6 PT
J10025	Socket, Impact 1" DR 1-9/16" 6 PT
J10026	Socket, Impact 1" DR 1-5/8" 6 PT
J10027	Socket, Impact 1" DR 1-11/16" 6 PT
J10028	Socket, Impact 1" DR 1-3/4" 6 PT
J10029	Socket, Impact 1" DR 1-13/16" 6 PT
J10030	Socket, Impact 1" DR 1-7/8" 6 PT

Contents	Description
J10031	Socket, Impact 1" DR 1-15/16" 6 PT
J10032	Socket, Impact 1" DR 2" 6 PT
J10033	Socket, Impact 1" DR 2-1/16" 6 PT
J10034	Socket, Impact 1" DR 2-1/8" 6 PT
J10035	Socket, Impact 1" DR 2-3/16" 6 PT
J10036	Socket, Impact 1" DR 2-1/4" 6 PT
J10037	Socket, Impact 1" DR 2-5/16" 6 PT
J10038	Socket, Impact 1" DR 2-3/8" 6 PT
J10039	Socket, Impact 1" DR 2-7/16" 6 PT
J10040	Socket, Impact 1" DR 2-1/2" 6 PT
J10041	Socket, Impact 1" DR 2-9/16" 6 PT
J10042	Socket, Impact 1" DR 2-5/8" 6 PT
J10043	Socket, Impact 1" DR 2-11/16" 6 PT
J10044	Socket, Impact 1" DR 2-3/4" 6 PT
J10045	Socket, Impact 1" DR 2-13/16" 6 PT
J10046	Socket, Impact 1" DR 2-7/8" 6 PT
J10047	Socket, Impact 1" DR 2-15/16" 6 PT
J10048	Socket, Impact 1" DR 3" 6 PT

Weight (lbs): 128.00

ASME B107.110-2012

4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1" DRIVE 21 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J76122

6

INCH



Contents	Description
J10012	Socket, Impact 1" DR 3/4" 6 PT
J10013	Socket, Impact 1" DR 13/16" 6 PT
J10014	Socket, Impact 1" DR 7/8" 6 PT
J10015	Socket, Impact 1" DR 15/16" 6 PT
J10016	Socket, Impact 1" DR 1" 6 PT
J10017	Socket, Impact 1" DR 1-1/16" 6 PT
J10018	Socket, Impact 1" DR 1-1/8" 6 PT
J10019	Socket, Impact 1" DR 1-3/16" 6 PT
J10020	Socket, Impact 1" DR 1-1/4" 6 PT
J10021	Socket, Impact 1" DR 1-5/16" 6 PT
J10022	Socket, Impact 1" DR 1-3/8" 6 PT
J10023	Socket, Impact 1" DR 1-7/16" 6 PT
J10024	Socket, Impact 1" DR 1-1/2" 6 PT
J10025	Socket, Impact 1" DR 1-9/16" 6 PT
J10026	Socket, Impact 1" DR 1-5/8" 6 PT
J10027	Socket, Impact 1" DR 1-11/16" 6 PT
J10028	Socket, Impact 1" DR 1-3/4" 6 PT
J10029	Socket, Impact 1" DR 1-13/16" 6 PT
J10030	Socket, Impact 1" DR 1-7/8" 6 PT
J10031	Socket, Impact 1" DR 1-15/16" 6 PT
J10032	Socket, Impact 1" DR 2" 6 PT

Weight (lbs): 38.94

ASME B107.110-2012

1" DRIVE 21 PIECE DEEP IMPACT SOCKET SET - 6 POINT

Product #: J76121

6

INCH



Contents	Description
J10012L	Socket, Impact Deep 1" DR 3/4" 6 PT
J10013L	Socket, Impact Deep 1" DR 13/16" 6 PT
J10014L	Socket, Impact Deep 1" DR 7/8" 6 PT
J10015L	Socket, Impact Deep 1" DR 15/16" 6 PT
J10016L	Socket, Impact Deep 1" DR 1" 6 PT
J10017L	Socket, Impact Deep 1" DR 1-1/16" 6 PT
J10018L	Socket, Impact Deep 1" DR 1-1/8" 6 PT
J10019L	Socket, Impact Deep 1" DR 1-3/16" 6 PT
J10020L	Socket, Impact Deep 1" DR 1-1/4" 6 PT
J10021L	Socket, Impact Deep 1" DR 1-5/16" 6 PT
J10022L	Socket, Impact Deep 1" DR 1-3/8" 6 PT
J10023L	Socket, Impact Deep 1" DR 1-7/16" 6 PT
J10024L	Socket, Impact Deep 1" DR 1-1/2" 6 PT
J10025L	Socket, Impact Deep 1" DR 1-9/16" 6 PT
J10026L	Socket, Impact Deep 1" DR 1-5/8" 6 PT
J10027L	Socket, Impact Deep 1" DR 1-11/16" 6 PT
J10028L	Socket, Impact Deep 1" DR 1-3/4" 6 PT
J10029L	Socket, Impact Deep 1" DR 1-13/16" 6 PT
J10030L	Socket, Impact Deep 1" DR 1-7/8" 6 PT
J10031L	Socket, Impact Deep 1" DR 1-15/16" 6 PT
J10032L	Socket, Impact Deep 1" DR 2" 6 PT

Weight (lbs): 57.44

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1" DRIVE 16 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J76116

6 INCH

Contents	Description
J10033	Socket, Impact 1" DR 2-1/16" 6 PT
J10034	Socket, Impact 1" DR 2-1/8" 6 PT
J10035	Socket, Impact 1" DR 2-3/16" 6 PT
J10036	Socket, Impact 1" DR 2-1/4" 6 PT
J10037	Socket, Impact 1" DR 2-5/16" 6 PT
J10038	Socket, Impact 1" DR 2-3/8" 6 PT
J10039	Socket, Impact 1" DR 2-7/16" 6 PT
J10040	Socket, Impact 1" DR 2-1/2" 6 PT
J10041	Socket, Impact 1" DR 2-9/16" 6 PT
J10042	Socket, Impact 1" DR 2-5/8" 6 PT
J10043	Socket, Impact 1" DR 2-11/16" 6 PT
J10044	Socket, Impact 1" DR 2-3/4" 6 PT
J10045	Socket, Impact 1" DR 2-13/16" 6 PT
J10046	Socket, Impact 1" DR 2-7/8" 6 PT
J10047	Socket, Impact 1" DR 2-15/16" 6 PT
J10048	Socket, Impact 1" DR 3" 6 PT

Weight (lbs): 76.73 ASME B107.110-2012



1" DRIVE 15 PIECE DEEP IMPACT SOCKET SET - 6 POINT

Product #: J76115

6 INCH



Contents	Description
J10033L	Socket, Impact Deep 1" DR 2-1/16" 6 PT
J10034L	Socket, Impact Deep 1" DR 2-1/8" 6 PT
J10035L	Socket, Impact Deep 1" DR 2-3/16" 6 PT
J10036L	Socket, Impact Deep 1" DR 2-1/4" 6 PT
J10037L	Socket, Impact Deep 1" DR 2-5/16" 6 PT
J10038L	Socket, Impact Deep 1" DR 2-3/8" 6 PT
J10039L	Socket, Impact Deep 1" DR 2-7/16" 6 PT
J10040L	Socket, Impact Deep 1" DR 2-1/2" 6 PT
J10041L	Socket, Impact Deep 1" DR 2-9/16" 6 PT
J10042L	Socket, Impact Deep 1" DR 2-5/5" 6 PT
J10044L	Socket, Impact Deep 1" DR 2-3/4" 6 PT
J10045L	Socket, Impact Deep 1" DR 2-13/16" 6 PT
J10046L	Socket, Impact Deep 1" DR 2-7/8" 6 PT
J10047L	Socket, Impact Deep 1" DR 2-15/16" 6 PT
J10048L	Socket, Impact Deep 1" DR 3" 6 PT

Weight (lbs): 116.50 ASME B107.110-2012

1" DRIVE 11 PIECE DEEP IMPACT SOCKET SET - 6 POINT

Product #: J76111

6 INCH



Contents	Description
J10050L	Socket, Impact Deep 1" DR 3-1/8" 6 PT
J10052L	Socket, Impact Deep 1" DR 3-1/4" 6 PT
J10054L	Socket, Impact Deep 1" DR 3-3/8" 6 PT
J10056L	Socket, Impact Deep 1" DR 3-1/2" 6 PT
J10058L	Socket, Impact Deep 1" DR 3-5/8" 6 PT
J10060L	Socket, Impact Deep 1" DR 3-3/4" 6 PT
J10062L	Socket, Impact Deep 1" DR 3-7/8" 6 PT
J10064L	Socket, Impact Deep 1" DR 4" 6 PT
J10066L	Socket, Impact Deep 1" DR 4-1/8" 6 PT
J10068L	Socket, Impact Deep 1" DR 4-1/4" 6 PT
J10072L	Socket, Impact Deep 1" DR 4-1/2" 6 PT

Weight (lbs): 220.00 ASME B107.110-2012

4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1" DRIVE 9 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J76109

6

INCH

Contents	Description
J10016	Socket, Impact 1" DR 1" 6 PT
J10018	Socket, Impact 1" DR 1-1/8" 6 PT
J10020	Socket, Impact 1" DR 1-1/4" 6 PT
J10022	Socket, Impact 1" DR 1-3/8" 6 PT
J10024	Socket, Impact 1" DR 1-1/2" 6 PT
J10026	Socket, Impact 1" DR 1-5/8" 6 PT
J10028	Socket, Impact 1" DR 1-3/4" 6 PT
J10030	Socket, Impact 1" DR 1-7/8" 6 PT
J10032	Socket, Impact 1" DR 2" 6 PT

Weight (lbs): 18.19 ASME B107.110-2012



1" DRIVE 8 PIECE IMPACT SOCKET SETS - 6 POINT

Product #: J76108

6

INCH

Contents	Description
J10014L	Socket, Impact Deep 1" DR 7/8" 6 PT
J10015L	Socket, Impact Deep 1" DR 15/16" 6 PT
J10016L	Socket, Impact Deep 1" DR 1" 6 PT
J10017L	Socket, Impact Deep 1" DR 1-1/16" 6 PT
J10018L	Socket, Impact Deep 1" DR 1-1/8" 6 PT
J10019L	Socket, Impact Deep 1" DR 1-3/16" 6 PT
J10020L	Socket, Impact Deep 1" DR 1-1/4" 6 PT
J10024L	Socket, Impact Deep 1" DR 1-1/2" 6 PT

Weight (lbs): 16.83 ASME B107.110-2012



Product #: J76103

6

INCH

Contents	Description
J10017	Socket, Impact 1" DR 1-1/16" 6 PT
J10020	Socket, Impact 1" DR 1-1/4" 6 PT
J10023	Socket, Impact 1" DR 1-7/16" 6 PT
J10026	Socket, Impact 1" DR 1-5/8" 6 PT
J10029	Socket, Impact 1" DR 1-13/16" 6 PT
J10032	Socket, Impact 1" DR 2" 6 PT
J10035	Socket, Impact 1" DR 2-3/16" 6 PT
J10038	Socket, Impact 1" DR 2-3/8" 6 PT

Weight (lbs): 20.23 ASME B107.110-2012



1" DRIVE 8 PIECE METRIC DEEP IMPACT SOCKET SET - 6 POINT

Product #: J76104

6

MM

Contents	Description
J10027ML	Socket, Impact Deep 1" DR 27 mm 6 PT
J10030ML	Socket, Impact Deep 1" DR 30 mm 6 PT
J10032ML	Socket, Impact Deep 1" DR 32 mm 6 PT
J10033ML	Socket, Impact Deep 1" DR 33 mm 6 PT
J10035ML	Socket, Impact Deep 1" DR 35 mm 6 PT
J10036ML	Socket, Impact Deep 1" DR 36 mm 6 PT
J10038ML	Socket, Impact Deep 1" DR 38 mm 6 PT
J10041ML	Socket, Impact Deep 1" DR 41 mm 6 PT

Weight (lbs): 19.40



1" DRIVE 6 PIECE IMPACT SOCKET SET - 6 POINT

Product #: J76106

6

INCH

Contents	Description
J10041	Socket, Impact 1" DR 2-9/16" 6 PT
J10044	Socket, Impact 1" DR 2-3/4" 6 PT
J10047	Socket, Impact 1" DR 2-15/16" 6 PT
J10050	Socket, Impact 1" DR 3-1/8" 6 PT
J10056	Socket, Impact 1" DR 3-1/2" 6 PT
J10062	Socket, Impact 1" DR 3-7/8" 6 PT

Weight (lbs): 45.11

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1" DRIVE 7 PIECE IMPACT SOCKET SET - 4 POINT

Product #: J1001SS

4

INCH

Contents	Description
J10012SS	Socket, Impact 1" DR 3/4" 4 PT
J10013SS	Socket, Impact 1" DR 13/16" 4 PT
J10014SS	Socket, Impact 1" DR 7/8" 4 PT
J10015SS	Socket, Impact 1" DR 15/16" 4 PT
J10016SS	Socket, Impact 1" DR 1" 4 PT
J10018SS	Socket, Impact 1" DR 1-1/8" 4 PT
J10024SS	Socket, Impact 1" DR 1-1/2" 4 PT

Weight (lbs): 12.99

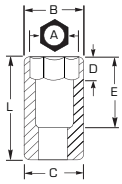


4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1/4" DRIVE IMPACT SOCKETS - 6 POINT

- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Socket size stamped on tool for easy identification.
- Side locking hole.





TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/16	J6906H	5/16	1/2	11/64	1/2	7/8	0.04
7/32	J6907H	11/32	1/2	13/64	1/2	7/8	0.03
1/4	J6908H	25/64	1/2	7/32	1/2	7/8	0.03
9/32	J6909H	7/16	1/2	15/64	1/2	7/8	0.03
5/16	J6910H	1/2	1/2	15/64	1/2	7/8	0.03
11/32	J6911H	33/64	33/64	17/64	1/2	7/8	0.04
3/8	J6912H	9/16	9/16	17/64	1/2	7/8	0.04
7/16	J6914H	21/32	21/32	5/16	1/2	7/8	0.05
1/2	J6916H	45/64	11/16	3/8	1/2	7/8	0.05
9/16	J6918H	51/64	51/64	3/8	1/2	7/8	0.08
5/8	J6920H*	7/8	7/8	3/8	1/2	7/8	0.09

*This size not covered under ASME Standards

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MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
4	J6904M*	17/64	1/2	5/32	1/2	7/8	0.03
5	J6905M	5/16	1/2	3/16	1/2	7/8	0.04
5.5	J69055M	11/32	1/2	3/16	1/2	7/8	0.04
6	J6906M	25/64	1/2	7/32	1/2	7/8	0.03
7	J6907M	7/16	1/2	7/32	1/2	7/8	0.03
8	J6908M	1/2	1/2	7/32	1/2	7/8	0.04
9	J6909M	33/64	33/64	1/4	1/2	7/8	0.04
10	J6910M	9/16	9/16	1/4	1/2	7/8	0.04
11	J6911M	21/32	21/32	9/32	1/2	7/8	0.05
12	J6912M	11/16	11/16	19/64	1/2	7/8	0.06
13	J6913M	23/32	23/32	5/16	1/2	7/8	0.07
14	J6914M	51/64	51/64	3/8	1/2	7/8	0.08
15	J6915M	53/64	53/64	3/8	1/2	7/8	0.08

*This size not covered under ASME Standards

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1/4" DRIVE DEEP IMPACT SOCKETS - 6 POINT

- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Socket size stamped on tool for easy identification.
- Side locking hole.



TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/16	J6506H	5/16	1/2	1/4	1-5/8	2	0.08
7/32	J6507H	23/64	1/2	7/64	1-5/8	2	0.08
1/4	J6508H	25/64	1/2	9/32	1-5/8	2	0.08
9/32	J6509H	7/16	1/2	19/64	1-5/8	2	0.08
5/16	J6510H	1/2	1/2	5/16	1-5/8	2	0.07
11/32	J6511H	33/64	33/64	11/32	1-5/8	2	0.07
3/8	J6512H	9/16	9/16	3/8	1-5/8	2	0.09
7/16	J6514H	21/32	21/32	3/8	1-5/8	2	0.12
1/2	J6516H	11/16	11/16	7/16	1-5/8	2	0.12
9/16	J6518H	51/64	51/64	7/16	1-5/8	2	0.15
5/8	J6520H*	7/8	7/8	7/16	1-5/8	2	0.12

*This size not covered under ASME Standards

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MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
5	J6505MH	5/16	1/2	1/4	1-5/8	2	0.08
6	J6506MH	25/64	1/2	9/32	1-5/8	2	0.08
7	J6507MH	7/16	1/2	19/64	1-5/8	2	0.08
8	J6508MH	1/2	1/2	5/16	1-5/8	2	0.07
9	J6509MH	33/64	33/64	5/16	1-5/8	2	0.07
10	J6510MH	9/16	9/16	3/8	1-5/8	2	0.08
11	J6511MH	21/32	21/32	3/8	1-5/8	2	0.11
12	J6512MH	11/16	11/16	13/32	1-5/8	2	0.13
13	J6513MH	23/32	23/32	7/16	1-5/8	2	0.14
14	J6514MH	51/64	51/64	7/16	1-5/8	2	0.18
15	J6515MH	53/64	53/64	7/16	1-5/8	2	0.18

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4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1/4" DRIVE UNIVERSAL IMPACT SOCKETS - 12 POINT

- Ball and spring design which allows for a 30° working angle.
- Smooth 360° rotation.

TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

MM	12	Drive End Outside Diameter (in)	Overall Length (in)	Weight (lbs)
5.5	J66555MP	5/8	1-1/4	0.27
6	J66506MP	5/8	1-9/32	0.27
7	J66507MP	5/8	1-5/16	0.27
8	J66508MP	5/8	1-11/32	0.28
9	J66509MP	5/8	1-3/8	0.3
10	J66510MP	5/8	1-7/16	0.31
11	J66511MP	5/8	1-1/2	0.31
12	J66512MP	5/8	1-17/32	0.32
13	J66513MP	5/8	1-19/32	0.32



1/4" DRIVE IMPACT UNIVERSAL JOINT

- Tight tolerances for snug fit on fastener.
- Used wherever powered drive tools are used to install or remove fasteners.
- Designed to withstand the high torque and force associated with impact tools in repetitive application.
- Features two through holes and a groove to accept a Proto® Retaining Ring or pin and O-ring to help secure the socket to the drive tool anvil.
- Position at appropriate angle to turn fasteners where obstructions prevent a straight application.
- Ball and spring design which allows for a 30° working angle.
- Smooth 360° rotation.



INCH	Product #	Drive End Outside Diameter (in)	Overall Length (in)	Weight (lbs)
1/4	J66170P	5/8	1-3/8	0.27

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1/4" DRIVE TORX® IMPACT SOCKETS

- Made of alloy steel.
- Black oxide finish.
- For use with Torx® style fasteners.



Torx® Size	TORX®	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
E6	J6906TX	5/16	7/16	15/64	1/7	1	0.02
E7	J6907TX	21/64	1/2	9/32	2/13	1	0.03
E8	J6908TX	3/8	19/64	19/64	11/651	1	0.03

Torx® is a trademark of Acument Intellectual Properties, LLC

3/8" DRIVE IMPACT SOCKETS - 6 POINT

- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Size stamped on tool for easy identification.
- Side locking hole.



TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1/4	J7208H*	7/16	11/16	9/32	19/32	1-3/32	0.07
9/32	J7209H*	31/64	11/16	5/16	19/32	1-3/32	0.07
5/16	J7210H	1/2	11/16	5/16	19/32	1-3/32	0.07
11/32	J7211H	35/64	11/16	3/8	19/32	1-3/32	0.07
3/8	J7212H	19/32	11/16	3/8	19/32	1-3/32	0.07
7/16	J7214H	11/16	11/16	3/8	19/32	1-3/32	0.06
1/2	J7216H	3/4	3/4	3/8	19/32	1-3/32	0.08
9/16	J7218H	13/16	13/16	9/16	19/32	1-3/32	0.11
5/8	J7220H	29/32	29/32	9/16	19/32	1-3/32	0.12
11/16	J7222H	1	1	9/16	19/32	1-3/32	0.15
3/4	J7224H	1-1/16	1-1/16	17/32	19/32	1-3/32	0.16
13/16	J7226H*	1-3/16	1-13/64	11/16	23/32	1-7/32	0.24
7/8	J7228H	1-9/32	1-9/32	11/16	23/32	1-7/32	0.26
15/16	J7230H	1-23/64	1-23/64	51/64	27/32	1-11/32	0.35
1	J7232H*	1-1/2	1-1/2	51/64	27/32	1-11/32	0.42

*This size not covered under ASME Standards

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MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
6	J7206M*	27/64	11/16	7/32	27/64	59/64	0.06
7	J7207M*	31/64	11/16	15/64	27/64	59/64	0.06
8	J7208M	33/64	11/16	5/16	17/32	1-1/32	0.06
9	J7209M	37/64	11/16	11/32	17/32	1-1/32	0.06
10	J7210M	11/16	11/16	3/8	17/32	1-1/32	0.06
11	J7211M	11/16	11/16	13/32	17/32	1-1/32	0.06
12	J7212M	23/32	23/32	7/16	17/32	1-1/32	0.07
13	J7213M	3/4	3/4	7/16	17/32	1-3/32	0.08
14	J7214M	13/16	13/16	9/16	19/32	1-3/32	0.09
15	J7215M	55/64	55/64	9/16	19/32	1-3/32	0.10
16	J7216M	29/32	29/32	9/16	19/32	1-3/32	0.12
17	J7217M	1	1	9/16	19/32	1-3/32	0.15
18	J7218M	1-1/32	1-1/32	9/16	19/32	1-3/32	0.16
19	J7219M	1-1/16	1-1/16	17/32	19/32	1-3/32	0.15
20	J7220M	1-7/64	1-7/64	17/32	19/32	1-3/32	0.18
21	J7221M	1-5/32	1-5/32	17/32	19/32	1-3/32	0.19
22	J7222M	1-13/64	1-13/64	17/32	19/32	1-3/32	0.20
23	J7223M	1-1/4	1-1/4	17/32	19/32	1-3/32	0.26
24	J7224M	1-19/64	1-19/64	17/32	19/32	1-3/32	0.27

*This size not covered under ASME Standards

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4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

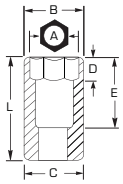
3/8" DRIVE IMPACT SOCKETS - 8 POINT

- Proto® 8 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- Tight tolerances for snug fit on fastener.
- Large clearance holes, concentric opening and nut end chamfer make it easy to position socket on fasteners.
- Made from high strength steel to help minimize wall thickness and provide access to fasteners in recesses and where nuts and bolts protrude.
- Impact sockets are used wherever powered drive tools are used to install or remove fasteners.
- Impact sockets are designed to withstand higher torque and force associated with impact tools in repetitive application.
- Socket size stamped on tool for easy identification.
- Side locking hole.

TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners





INCH	8	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1/4	J7208S	31/64	11/16	1/4	1/2	1	0.07
5/16	J7210S	5/8	11/16	9/32	1/2	1	0.06
3/8	J7212S	11/16	11/16	5/16	1/2	1	0.06
7/16	J7214S	13/16	13/16	21/64	1/2	1	0.10
1/2	J7216S	59/64	15/16	3/8	9/16	1-1/16	0.13
9/16	J7218S	1-3/32	1-3/16	9/16	5/8	1-1/8	0.17

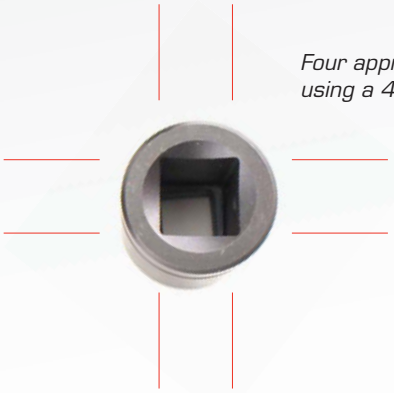
8 PT IMPACT SOCKETS

Sometimes called "double square sockets", 8 point sockets gives the mechanic twice the angles of attack when trying to fit a socket over a 4 point fastener.

These fasteners are often found in heavy industry or agricultural equipment, especially older units; but even these older standards can be found on modern equipment. 4 Point fasteners can also be found on square pipe plugs, transmission drains, fill plugs on hydraulic tanks, adjusters for drum brakes, square-headed cylinder bolts, and various taps.

Normally, 4 point sockets are recommended for 4 point fasteners, but they give you only four opportunities to seat the socket over the fastener - north, east, south, and west.

An 8 point socket doubles the numbers, allowing a mechanic to reach a socket in between the other angles. With an 8 point socket, there is still plenty of contact with the fastener to get a firm grip on the head.



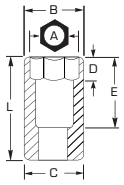
Four approaches using a 4 PT socket.



Eight approaches using a 8 PT socket.

3/8" DRIVE DEEP IMPACT SOCKETS - 6 POINT

- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Socket size stamped on tool for easy identification.
- Side locking hole.





TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1/4	J7708H*	7/16	11/16	9/32	2-1/4	2-3/4	0.21
9/32	J7709H*	31/64	11/16	5/16	2-1/4	2-3/4	0.18
5/16	J7710H	33/64	11/16	21/64	2-1/4	2-3/4	0.20
11/32	J7711H	35/64	11/16	11/32	2-1/4	2-3/4	0.19
3/8	J7712H	19/32	11/16	3/8	2-1/4	2-3/4	0.19
7/16	J7714H	11/16	11/16	27/64	2-1/4	2-3/4	0.17
1/2	J7716H	3/4	3/4	15/32	2-1/4	2-3/4	0.21
9/16	J7718H	13/16	13/16	11/16	2-1/4	2-3/4	0.22
5/8	J7720H	29/32	29/32	11/16	2-1/4	2-3/4	0.29
11/16	J7722H	1	1	11/16	2-1/4	2-3/4	0.34
3/4	J7724H	1-1/16	1-1/16	43/64	2-1/4	2-3/4	0.38
13/16	J7726H*	1-13/64	1-13/64	13/16	2-1/8	2-3/4	0.53
7/8	J7728H	1-9/32	1-9/32	13/16	2-1/8	2-3/4	0.59
15/16	J7730H	1-23/64	1-23/64	13/16	2-1/8	2-3/4	0.66
1	J7732H*	1-1/2	1-1/2	13/16	2-1/8	2-3/4	0.85

*This size not covered under ASME Standards

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MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
6	J7006M*	27/64	11/16	9/32	2-1/4	2-3/4	0.19
7	J7007M*	31/64	11/16	5/16	2-1/4	2-3/4	0.20
8	J7008M	33/64	11/16	5/16	2-1/4	2-3/4	0.19
9	J7009M	37/64	11/16	3/8	2-1/4	2-3/4	0.20
10	J7010M	5/8	11/16	3/8	2-1/4	2-3/4	0.19
11	J7011M	11/16	11/16	13/32	2-1/4	2-3/4	0.18
12	J7012M	3/4	3/4	7/16	2-1/4	2-3/4	0.20
13	J7013M	3/4	3/4	15/32	2-1/4	2-3/4	0.22
14	J7014M	13/16	13/16	1/2	2-1/4	2-3/4	0.22
15	J7015M	55/64	55/64	11/16	2-1/4	2-3/4	0.25
16	J7016M	29/32	29/32	11/16	2-1/4	2-3/4	0.29
17	J7017M	1	1	11/16	2-1/4	2-3/4	0.37
18	J7018M	1-1/32	1-1/32	11/16	2-1/4	2-3/4	0.38
19	J7019M	1-1/16	1-1/16	11/16	2-1/4	2-3/4	0.38
20	J7020M	1-7/64	1-7/64	25/32	2-1/4	2-3/4	0.42
21	J7021M	1-5/32	1-5/32	25/32	2-1/4	2-3/4	0.46
22	J7022M	1-13/64	1-13/64	51/64	2-1/4	2-3/4	0.49
23	J7023M	1-1/4	1-1/4	51/64	2-1/4	2-3/4	0.53
24	J7024M	1-19/64	1-19/64	59/64	2-1/4	2-3/4	0.58

*This size not covered under ASME Standards

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4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

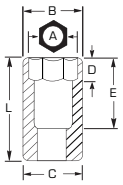
3/8" DRIVE DEEP THIN WALL IMPACT SOCKETS - 6 POINT

- Specifically designed for light clearance applications.
- Reduced wall thickness helps improve access to fasteners in restricted areas.
- All Impact sockets feature one through hole and a groove to accept a retaining ring and pin to secure the socket to the power tool anvil.
- Chamfered service ends for quick and positive fastener engagement.
- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Thin wall sockets are lightweight.
- Designed to fit into smaller spaces.
- Thinner walls help improve productivity by making it easier to gain access to fasteners in confined spaces.
- Extra deep length helps improve access in confined areas.
- Often used in application where fasteners are close together, such as tire service.

TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners





INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1/4	J7708HT	27/64	11/16	9/32	1-15/32	2	0.15
5/16	J7710HT	31/64	11/16	1/4	1-15/32	2	0.14
3/8	J7712HT	37/64	11/16	5/16	1-7/32	2	0.13
7/16	J7714HT	41/64	11/16	11/32	1-7/32	2	0.11
1/2	J7716HT	23/32	23/32	13/32	1-7/32	2	0.14
9/16	J7718HT	25/32	25/32	1/2	1-15/32	2	0.15
5/8	J7720HT	7/8	7/8	1/2	1-19/32	2-1/8	0.18
11/16	J7722HT	15/16	15/16	1/2	1-11/16	2-7/32	0.22
3/4	J7724HT	1	1	17/32	1-23/32	2-1/4	0.27

MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
8	J7008MHT	31/64	11/16	1/4	1-1/4	1-3/4	0.11
9	J7009MHT	17/32	11/16	5/16	1-3/16	1-3/4	0.15
10	J7010MHT	19/32	11/16	11/32	1-5/32	1-3/4	0.11
11	J7011MHT	11/16	11/16	21/64	1-11/64	1-3/4	0.12
12	J7012MHT	11/16	11/16	3/8	1-1/8	1-3/4	0.11
13	J7013MHT	45/64	45/64	13/32	1-3/32	1-3/4	0.11
14	J7014MHT	25/32	25/32	15/32	1-1/32	2	0.14
15	J7015MHT	53/64	53/64	1/2	1	2-5/64	0.18
16	J7016MHT	7/8	7/8	1/2	1	2-5/64	0.17
17	J7017MHT	1	1	1/2	1	2-5/64	0.20
18	J7018MHT	31/32	31/32	1/2	1	2-5/64	0.20
19	J7019MHT	1	1	17/32	31/32	2-5/64	0.25

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3/8" DRIVE TORX® IMPACT SOCKETS

- Made of heat-treated alloy steel.
- Socket size stamped on tool for easy identification.
- Side locking hole.
- For use with Torx® style fasteners.



Torx® Size	TORX®	Overall Length (in)	Weight (lbs)
E6	J7206TX	1-1/4	0.06
E10	J7210TX	1-1/4	0.07
E12	J7212TX	1-1/4	0.07
E14	J7214TX	1-1/4	0.09
E16	J7216TX	1-1/4	0.10

3/8" DRIVE IMPACT HEX BIT SOCKETS

- Proto® Hex Bit Impact Sockets can be used on stubborn fasteners.
- Tight tolerances for snug fit on fastener.
- Hex bit impact sockets are used wherever powered drive tools are used to install or remove fasteners.
- Hex bit impact sockets are designed to withstand the high torque and force associated with impact tools in repetitive application.
- Side locking hole.



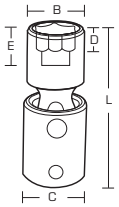
INCH	HEX	Bit Length (in)	Overall Length (in)	Weight (lbs)
1/8	J72901/8	1-5/8	2-23/32	0.07
5/32	J72905/32	1-5/8	2-23/32	0.08
3/16	J72903/16	1-5/8	2-23/32	0.08
7/32	J72907/32	1-5/8	2-23/32	0.09
1/4	J72901/4	1-5/8	2-23/32	0.10
5/16	J72905/16	1-5/8	2-23/32	0.13
3/8	J72903/8	1-5/8	2-23/32	0.14

MM	HEX	Bit Length (in)	Overall Length (in)	Weight (lbs)
4	J7290-4M	1-5/8	2-23/32	0.07
5	J7290-5M	1-5/8	2-23/32	0.08
6	J7290-6M	1-5/8	2-23/32	0.09
7	J7290 - 7M	1-5/8	2-23/32	0.10
8	J7290-8M	1-5/8	2-23/32	0.12
9	J7290-9M	1-5/8	2-23/32	0.13
10	J7290-10M	1-5/8	2-23/32	0.14

4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

3/8" DRIVE IMPACT UNIVERSAL SOCKETS - 6 & 12 POINT

- Ball and spring design which allows for a 30° working angle.
- Smooth 360° rotation.
- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.





TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/8	J77273P	9/16	1-1/16	7/16	7/16	1-57/64	0.30
7/16	J77274P	21/32	1-1/16	7/16	7/16	1-63/64	0.31
1/2	J77275P	3/4	1-1/16	7/16	7/16	2-1/64	0.32
9/16	J77276P	13/16	1-1/16	7/16	7/16	2-1/64	0.33
5/8	J77277P	29/32	1-1/16	7/16	7/16	2-5/64	0.35
11/16	J77278P	1	1-1/16	7/16	7/16	2-7/64	0.29
3/4	J77279P	1-1/16	1-1/16	7/16	7/16	2-7/64	0.29

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MM	6	12	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
8	J77408MP	–	1-1/16	7/16	7/16	2	0.26
10	J77410MP	J77510MP	1-1/16	7/16	7/16	2	0.21
11	J77411MP	J77511MP	1-1/16	7/16	7/16	2	0.22
12	J77412MP	J77512MP	1-1/16	7/16	7/16	2-1/32	0.22
13	J77413MP	J77513MP	1-1/16	7/16	7/16	2-1/32	0.23
14	J77414MP	J77514MP	1-1/16	7/16	7/16	2-1/16	0.23
15	J77415MP	J77515MP	1-1/16	7/16	7/16	2-1/16	0.24
16	J77416MP	J77516MP	1-1/16	7/16	7/16	2-3/32	0.25
17	J77417MP	J77517MP	1-1/16	7/16	7/16	2-1/8	0.26
18	J77418MP	J77518MP	1-1/16	7/16	7/16	2-1/8	0.28
19	J77419MP	J77519MP	1-1/16	7/16	7/16	2-1/8	0.28

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3/8" DRIVE METRIC DEEP UNIVERSAL IMPACT SOCKETS - 6 POINT

- Ball and spring design which allows for a 30° working angle.
- Smooth 360° rotation.
- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.



TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

MM	6	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
10	J78410MP	1-1/16	3/8	1	2	0.24
11	J78411MP	1-1/16	3/8	1	2-1/2	0.25
12	J78412MP	1-1/16	3/8	1	2-1/32	0.28
13	J78413MP	1-1/16	13/32	1-1/32	2-1/32	0.28
14	J78414MP	1-1/16	13/32	1-1/32	2-1/16	0.3
15	J78415MP	1-1/16	13/32	1-1/32	2-1/16	0.31
16	J78416MP	1-1/16	7/16	1-1/16	2-3/32	0.32
17	J78417MP	1-1/16	7/16	1-1/8	2-1/8	0.36
18	J78418MP	1-1/16	15/32	1-1/8	2-1/8	0.36
19	J78419MP	1-1/16	1/2	1-9/64	2-1/8	0.38

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3/8" DRIVE IMPACT UNIVERSAL JOINT

- Tight tolerances for snug fit on fastener.
- Used wherever powered drive tools are used to install or remove fasteners.
- Designed to withstand the high torque and force associated with impact tools in repetitive application.
- Features two through holes and a groove to accept a Proto® Retaining Ring or pin and O-ring to help secure the socket to the drive tool anvil.
- Position at appropriate angle to turn fasteners where obstructions prevent a straight application.
- Ball and spring design which allows for a 30° working angle.
- Smooth 360° rotation.



INCH	Product #	Drive End Outside Diameter (in)	Overall Length (in)	Weight (lbs)
3/8	J77270P	1-1/16	2-1/32	0.21

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3/8" DRIVE IMPACT ADAPTERS

- Use adapters to help increase or decrease drive end size.
- Do not use hand adapters with power tools.
- Do not over torque small sockets when using them with adapters on large drive tools.
- Size stamped on tool for easy identification.
- Side locking hole.



INCH	Size (in)	Overall Length (in)	Weight (lbs)
J7650	3/8" F x 1/2" M	1-5/16	0.13
J7651	1/2" F x 3/8" M	1-7/16	0.12

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3/8" DRIVE IMPACT EXTENSIONS

- Use extensions to gain access to fasteners in locations that would otherwise be difficult to reach.
- Male square is oriented in line with female squares for use with fixed head torque wrenches.
- Full chamfer at drive opening (when applicable) for easy engagement with drive tools.
- Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- Size stamped on tool for easy identification.
- Side locking hole.



Product #	Overall Length (in)	Weight (lbs)
J7175P	3	0.16
J7176P	6	0.32
J7178P	12	0.64

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3/8" DRIVE IMPACT LOCKING EXTENSIONS

- Black oxide finish.
- Easy operating spring loaded locking mechanism.



Product #	Overall Length (in)	Weight (lbs)
J7203L	3	0.25
J7206L	6	0.41
J7212L	12	0.75

3/8" DRIVE HAND IMPACT DRIVER

- Designed to loosen hard to turn bolts and screws.
- Heavy-Duty spring for added torque.



Product #	Overall Length (in)	Weight (lbs)
J7099	5-1/2	1.68

3/8" DRIVE RETAINING RINGS

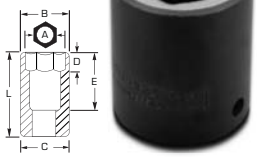
- Proto® 3/8" Drive Retaining Rings have a one-piece, without a crush gauge.
- PROTO® 3/8" Impact socket family is not designed for use with these retaining rings.



Product #	Description	For Groove Dia. (in)	Diameter (in)	Height (in)	Weight (lbs)
JRR37560	Retaining Ring, 3/8" DR 600 GRV	19/32	11/16	1/16	0.01
JRR37567	Retaining Ring, 3/8" DR 670 GRV	43/64	3/4	1/16	0.01
JRR37575	Retaining Ring, 3/8" DR 750 GRV	3/4	13/16	1/16	0.01
JRR37582	Retaining Ring, 3/8" DR 820 GRV	13/64	7/8	1/16	0.01
JRR37595	Retaining Ring, 3/8" DR 950 GRV	61/64	1	1/16	0.01
JRR37511	Retaining Ring, 3/8" DR 1100 GRV	1-3/32	1-3/16	1/16	0.01
JRR37512	Retaining Ring, 3/8" DR 1200 GRV	1-3/16	1-1/4	1/16	0.01

1/2" DRIVE IMPACT SOCKETS

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





TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/8	J7412H	J7412	41/64	15/16	11/32	27/32	1-1/2	0.17
7/16	J7414H	J7414	23/32	15/16	13/32	27/32	1-1/2	0.18
1/2	J7416H	J7416	51/64	15/16	13/32	27/32	1-1/2	0.18
9/16	J7418H	J7418	7/8	15/16	7/16	27/32	1-1/2	0.18
5/8	J7420H	J7420	1	1	1/2	27/32	1-1/2	0.20
11/16	J7422H	J7422	1-1/32	1-1/32	1/2	27/32	1-1/2	0.22
3/4	J7424H	J7424	1-7/64	1-7/64	51/64	27/32	1-1/2	0.24
13/16	J7426H	J7426	1-13/64	1-13/64	11/16	31/32	1-5/8	0.31
7/8	J7428H	J7428	1-17/64	1-9/32	43/64	31/32	1-5/8	0.34
15/16	J7430H	J7430	1-23/64	1-23/64	51/64	1-3/32	1-3/4	0.44
1	J7432H	J7432	1-1/2	1-1/2	25/32	1-3/32	1-3/4	0.55
1-1/16	J7434H	J7434	1-33/64	1-33/64	25/32	1-3/32	1-3/4	0.53
1-1/8	J7436H	J7436	1-19/32	1-19/32	25/32	1-1/32	2	0.65
1-3/16	J7438H	J7438	1-19/32	1-19/32	3/4	1-1/64	2	0.85
1-1/4	J7440H	J7440	1-3/4	1-3/4	3/4	1-3/4	2	0.78
1-5/16	J7442H	J7442	1-3/4	1-3/4	13/16	63/64	2	0.73
1-3/8	J7444H	J7444	1-51/64	1-5/8	15/16	1-3/32	2-1/8	0.72
1-7/16	J7446H	J7446	1-59/64	1-5/8	1	1-37/64	2-15/64	0.87
1-1/2	J7448H	J7448	2	1-5/8	1	1-37/64	2-15/64	1.03
1-9/16	J7450H	–	2-1/32	1-5/8	1	1-1/2	2-1/4	1.16

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MM	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
8	J7408M*	–	37/64	15/16	9/32	27/32	1-1/2	0.18
9	J7409M	–	41/64	15/16	3/8	27/32	1-1/2	0.18
10	J7410M	J7410MT	43/64	15/16	3/8	27/32	1-1/2	0.18
11	J7411M	J7411MT	23/32	15/16	3/8	27/32	1-1/2	0.18
12	J7412M	J7412MT	51/64	15/16	13/32	27/32	1-1/2	0.17
13	J7413M	J7413MT	51/64	15/16	7/16	27/32	1-1/2	0.16
14	J7414M	J7414MT	7/8	15/16	15/32	27/32	1-1/2	0.18
15	J7415M	J7415MT	15/16	15/16	1/2	27/32	1-1/2	0.18
16	J7416M	J7416MT	1	1	17/32	27/32	1-1/2	0.20
17	J7417M	J7417MT	1-1/32	1-1/32	9/16	27/32	1-1/2	0.22
18	J7418M	J7418MT	1-1/8	1-1/8	51/64	27/32	1-1/2	0.27
19	J7419M	J7419MT	1-7/64	1-7/64	47/64	27/32	1-1/2	0.25
20	J7420M	J7420MT	1-5/32	1-5/32	11/16	31/32	1-5/8	0.30
21	J7421M	J7421MT	1-13/64	1-13/64	43/64	31/32	1-5/8	0.30
22	J7422M	J7422MT	1-9/32	1-9/32	43/64	31/32	1-5/8	0.36
23	J7423M	–	1-3/8	1-3/8	43/64	31/32	1-5/8	0.39
24	J7424M	J7424MT	1-23/64	1-23/64	43/64	31/32	1-5/8	0.43
25	J7425M	–	1-3/8	1-3/8	51/64	1-3/32	1-3/4	0.48
26	J7426M	–	1-1/2	1-1/2	1-1/32	1-11/32	2	0.54
27	J7427M	–	1-1/2	1-1/2	1-1/32	1-11/32	2	0.62
28	J7428M*	–	1-5/8	1-5/8	1-1/32	1-11/32	2	0.72
29	J7429M	–	1-5/8	1-5/8	1-1/64	1-11/32	2	0.67
30	J7430M	J7430MT	1-33/64	1-33/64	25/32	1-3/32	2	0.82
31	J7431M	–	1-33/64	1-33/64	51/64	1-3/32	2	0.83
32	J7432M	–	1-33/64	1-33/64	51/64	1-3/32	2	0.75
33	J7433M*	–	1-27/32	1-27/32	1-1/64	1-9/32	2	0.95
36	J7436M	–	2-1/64	2-1/64	1-3/16	1-11/32	2	0.89
38	J7438M*	–	2-5/32	2-5/32	1-3/16	1-11/32	2-3/8	0.96
41	J7441M*	–	2-19/64	2-19/64	1-21/64	1-17/32	2-3/8	1.20
46	J7446M*	–	2-3/8	2-3/8	63/64	1-17/32	2-7/16	1.24

*This size not covered under ASME Standards

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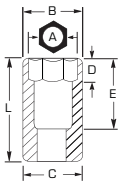
4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1/2" DRIVE IMPACT SOCKETS - 8 POINT

- Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- Tight tolerances for snug fit on fastener.
- Large clearance holes, concentric opening and nut end chamfer make it easy to position socket on fasteners.
- Made from high-strength steel to help minimize wall thickness and provide access to fasteners in recesses and where nuts and bolts protrude.
- Impact sockets are used wherever powered drive tools are used to install or remove fasteners.
- Impact sockets are designed to withstand higher torque and force associated with impact tools in repetitive application.
- Proto® 8 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Socket size stamped on tool for easy identification.
- Side locking hole.

TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners





INCH	8	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/8	J7412S	47/64	15/16	17/64	27/32	1-1/2	0.17
7/16	J7414S	53/64	15/16	19/64	27/32	1-1/2	0.18
1/2	J7416S	15/16	15/16	11/32	27/32	1-1/2	0.18
9/16	J7418S	1-1/32	1-1/32	3/8	27/32	1-1/2	0.21
5/8	J7420S	1-1/8	1-1/8	27/32	27/32	1-1/2	0.26
11/16	J7422S	1-3/16	1-3/16	27/32	27/32	1-1/2	0.27
3/4	J7424S	1-11/32	1-11/32	27/32	27/32	1-1/2	0.37
13/16	J7426S	1-3/8	1-3/8	27/32	27/32	1-1/2	0.39
7/8	J7428S	1-1/2	1-1/2	31/32	31/32	1-5/8	0.48
15/16	J7430S	1-5/8	1-5/8	1-1/64	1-3/32	1-3/4	0.62
1	J7432S	1-3/4	1-3/4	1-1/64	1-3/32	1-3/4	0.74
1-1/16	J7434S	1-27/32	1-27/32	1-1/64	1-11/32	1-3/4	0.91

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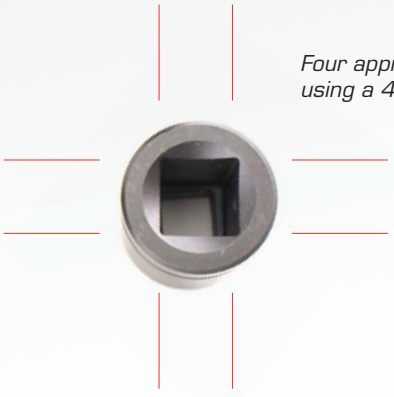
8 PT IMPACT SOCKETS

Sometimes called "double square sockets", 8 point sockets gives the mechanic twice the angles of attack when trying to fit a socket over a 4 point fastener.

These fasteners are often found in heavy industry or agricultural equipment, especially older units; but even these older standards can be found on modern equipment. 4 Point fasteners can also be found on square pipe plugs, transmission drains, fill plugs on hydraulic tanks, adjusters for drum brakes, square-headed cylinder bolts, and various taps.

Normally, 4 point sockets are recommended for 4 point fasteners, but they give you only four opportunities to seat the socket over the fastener - north, east, south, and west.

An 8 point socket doubles the numbers, allowing a mechanic to reach a socket in between the other angles. With an 8 point socket, there is still plenty of contact with the fastener to get a firm grip on the head.



Four approaches using a 4 PT socket.

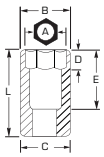


Eight approaches using a 8 PT socket.



1/2" DRIVE DEEP IMPACT SOCKETS

- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Socket size stamped on tool for easy identification.
- Side locking hole.





TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/8	J7312H	J7312	19/32	15/16	15/16	2-5/8	3-1/4	0.42
7/16	J7314H	J7314	23/32	15/16	11/32	1-5/8	3-1/4	0.44
1/2	J7316H	J7316	1-25/32	15/16	7/16	1-5/8	3-1/4	0.43
9/16	J7318H	J7318	7/8	15/16	1/2	1-5/8	3-1/4	0.41
5/8	J7320H	J7320	1	1	9/16	1-5/8	3-1/4	0.44
11/16	J7322H	J7322	1-1/32	1-1/32	5/8	2-5/8	3-1/4	0.47
3/4	J7324H	J7324	1-7/64	1-1/8	1-5/32	2-5/8	3-1/4	0.53
13/16	J7326H	J7326	1-3/16	1-3/16	1-5/32	2-5/8	3-1/4	0.62
7/8	J7328H	J7328	1-19/64	1-9/32	1-13/32	2-7/8	3-1/2	0.78
15/16	J7330H	J7330	1-3/8	1-3/8	1-13/32	2-7/8	3-1/2	0.86
1	J7332H	J7332	1-1/2	1-1/2	1-13/32	2-7/8	3-1/2	1.02
1-1/16	J7334H	J7334	1-1/2	1-33/64	1-17/32	2-7/8	3-1/2	1.11
1-1/8	J7336H	J7336	1-5/8	1-5/8	1-13/32	2-7/8	3-1/2	1.20
1-3/16	J7338H	J7338	1-13/16	1-21/32	1-1/64	2-7/8	3-1/2	1.47
1-1/4	J7340H	J7340	1-13/16	1-21/32	1-1/64	2-7/8	3-1/2	1.39
1-5/16	J7342H	J7342	1-7/8	1-21/32	1-1/16	2-7/8	3-1/2	1.41
1-3/8	J7344H	J7344	1-7/8	1-21/32	1-7/64	2-7/8	3-1/2	1.31
1-7/16	J7346H	J7346	2-1/16	1-21/32	1-5/32	2-7/8	3-1/2	1.67
1-1/2	J7348H	J7348	2-1/16	1-21/32	1-13/64	2-7/8	3-1/2	1.50
1-9/16	J7350H	–	2	1-5/8	1-1/4	1-1/4	3-1/2	1.80

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MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
8	J7308M*	37/64	7/8	5/16	2-19/32	3-1/4	0.37
9	J7309M	19/32	7/8	3/8	2-19/32	3-1/4	0.36
10	J7310M	41/64	15/16	7/16	2-19/32	3-1/4	0.43
11	J7311M	45/64	15/16	7/16	2-19/32	3-1/4	0.43
12	J7312M	47/64	15/16	1/2	2-19/32	3-1/4	0.43
13	J7313M	25/32	15/16	1/2	2-19/32	3-1/4	0.42
14	J7314M	55/64	15/16	1/2	2-19/32	3-1/4	0.40
15	J7315M	15/16	1	37/64	2-19/32	3-1/4	0.40
16	J7316M	1	1-1/32	19/32	2-19/32	3-1/4	0.46
17	J7317M	1-1/32	1-1/16	5/8	2-19/32	3-1/4	0.45
18	J7318M	1-1/16	1-1/16	43/64	2-19/32	3-1/4	0.49
19	J7319M	1-7/64	1-7/64	1-5/32	2-19/32	3-1/4	0.52
20	J7320M	1-5/32	1-5/32	1-5/32	2-19/32	3-1/4	0.55
21	J7321M	1-13/64	1-13/64	1-13/32	2-19/32	3-1/4	0.66
22	J7322M	1-9/32	1-9/32	1-13/32	2-27/32	3-1/2	0.75
23	J7323M	1-19/64	1-19/64	1-13/32	2-27/32	3-1/2	0.75
24	J7324M	1-23/64	1-23/64	1-13/32	2-27/32	3-1/2	0.81
25	J7325M	1-7/16	1-7/16	1-13/32	2-27/32	3-1/2	0.92
26	J7326M	1-1/2	1-1/2	1-13/32	2-27/32	3-1/2	1.03
27	J7327M	1-9/16	1-9/16	1-13/32	2-27/32	3-1/2	1.14
28	J7328M*	1-5/8	1-5/8	1-13/32	2-27/32	3-1/2	1.20
29	J7329M	1-5/8	1-5/8	1-33/64	2-27/32	3-1/2	1.16
30	J7330M	1-11/16	1-11/16	1-13/32	2-27/32	3-1/2	1.53
32	J7332M	1-25/32	1-25/32	1-13/64	2-27/32	3-1/2	1.32
33	J7333M*	1-55/64	1-55/64	1-25/64	2-27/32	3-1/2	1.48
34	J7334M	1-15/16	1-15/16	1-25/64	2-27/32	3-1/2	1.50
35	J7335M	2-1/16	2-1/16	1-25/64	2-27/32	3-1/2	1.61
36	J7336M	2-1/16	2-1/16	1-25/64	2-27/32	3-1/2	1.63

*This size not covered under ASME Standards

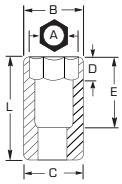
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4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1/2" DRIVE DEEP THIN WALL IMPACT SOCKETS - 6 POINT

- Specifically designed for light clearance applications.
- Reduced wall thickness helps improve access to fasteners in restricted areas.
- All Impact sockets feature one through hole and a groove to accept a retaining ring and pin to secure the socket to the power tool anvil.
- Chamfered service ends for quick and positive fastener engagement.
- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Thin wall sockets are lightweight.
- Designed to fit into smaller spaces.
- Thinner walls help improve productivity by making it easier to gain access to fasteners in confined spaces.
- Extra deep length helps improve access in confined areas.
- Often used in application where fasteners are close together, such as tire service.





TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
3/8	J7312HT	9/16	15/16	5/16	2-9/32	3-1/4	0.43
7/16	J7314HT	21/32	15/16	3/8	2-1/4	3-1/4	0.43
1/2	J7316HT	23/32	15/16	3/8	2-3/16	3-1/4	0.42
9/16	J7318HT	13/16	15/16	7/16	2-3/3	3-1/4	0.39
5/8	J7320HT	7/8	15/16	1/2	2-1/32	3-1/4	0.37
11/16	J7322HT	31/32	31/32	1/2	2	3-1/4	0.47
3/4	J7324HT	1-1/32	1-1/32	1-11/64	1-7/16	3-1/4	0.39
13/16	J7326HT	1-1/8	1-1/8	1-11/64	1-7/16	3-1/4	0.48
7/8	J7328HT	1-3/16	1-3/16	1-13/32	1-7/16	3-1/2	0.58
15/16	J7330HT	1-17/64	1-17/64	1-13/32	1-7/16	3-1/2	0.69
1	J7332HT	1-3/8	1-3/8	1-13/32	1-7/16	3-1/2	0.76
1-1/16	J7334HT	1-31/64	1-31/64	1-17/32	1-5/16	3-1/2	0.89
1-1/8	J7336HT	1-9/16	1-9/16	1-17/32	1-5/16	3-1/2	1.03
1-3/16	J7338HT	1-5/8	1-5/8	1-17/32	1-5/16	3-1/2	1.14
1-1/4	J7340HT	1-11/16	1-11/16	1-17/32	1-5/16	3-1/2	1.22
1-5/16	J7342HT	1-13/16	1-13/16	1-17/32	1-5/16	3-1/2	1.36
1-7/16	J7346HT	1-15/16	1-15/16	1-13/16	1	3-1/2	1.56
1-1/2	J7348HT	2	2	1-13/16	1	3-1/2	1.58

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MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
10	J7310MHT	39/64	15/16	3/8	2-7/32	3-1/4	0.43
11	J7311MHT	21/32	15/16	25/64	2-13/64	3-1/4	0.44
12	J7312MHT	11/16	15/16	7/16	2-5/32	3-1/4	0.45
13	J7313MHT	47/64	15/16	7/16	2-5/32	3-1/4	0.41
14	J7314MHT	13/16	15/16	7/16	2-5/32	3-1/4	0.35
15	J7315MHT	27/32	15/16	17/32	2-1/16	3-1/4	0.37
16	J7316MHT	7/8	15/16	17/32	2-1/16	3-1/4	0.37
17	J7317MHT	15/16	15/16	11/16	1-29/32	3-1/4	0.35
18	J7318MHT	1	1	3/4	1-27/32	3-1/4	0.40
19	J7319MHT	1-1/32	1-1/32	1-5/32	1-7/16	3-1/4	0.37
20	J7320MHT	1-1/16	1-1/16	1-5/32	1-7/16	3-1/4	0.41
21	J7321MHT	1-1/8	1-1/8	1-13/32	1-27/64	3-1/2	0.51
22	J7322MHT	1-3/16	1-3/16	1-13/32	1-27/64	3-1/2	0.56
23	J7323MHT	1-1/4	1-1/4	1-13/32	1-27/64	3-1/2	0.63
24	J7324MHT	1-5/16	1-5/16	1-13/32	1-27/64	3-1/2	0.72
30	J7330MHT	1-25/32	1-25/32	2-35/64	1-27/64	3-1/2	1.45

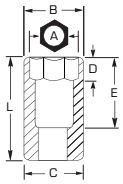
1/2" DRIVE DEEP IMPACT SOCKETS - 8 POINT

- Proto® 8 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- Tight tolerances for snug fit on fastener.
- Large clearance holes, concentric opening and nut end chamfer make it easy to position socket on fasteners.
- Made from high-strength steel to help minimize wall thickness and provide access to fasteners in recesses and where nuts and bolts protrude.
- Impact sockets are used wherever powered drive tools are used to install or remove fasteners.
- Impact sockets are designed to withstand higher torque and force associated with impact tools in repetitive application.
- Extra length provides easy access to fasteners in recesses or where nuts and bolts protrude.
- Socket size stamped on tool for easy identification.
- Side locking hole.

TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners





INCH	8	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
9/16	J7318S	1-1/32	1-1/32	1/2	2-19/32	3-1/4	0.54
5/8	J7320S	1-1/8	1-1/8	1/2	2-19/32	3-1/4	0.63
11/16	J7322S	1-3/16	1-3/16	1-5/32	2-19/32	3-1/4	0.61
3/4	J7324S	1-5/16	1-5/16	1-5/32	2-19/32	3-1/4	0.76
13/16	J7326S	1-3/8	1-3/8	1-5/32	2-19/32	3-1/4	0.83
7/8	J7328S	1-1/2	1-1/2	1-13/32	2-27/32	3-1/2	1.10
15/16	J7330S	1-39/64	1-39/64	1-13/32	2-27/32	3-1/2	1.24
1	J7332S	1-11/16	1-11/16	1-13/32	2-27/32	3-1/2	1.54

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THIN WALL IMPACT SOCKETS

When you need to fit an impact socket on a tightly spaced fastener, don't reach for a thin wall hand socket.

The correct tool is a thin wall impact socket. Specially engineered to perform the same as regular impact sockets, available in both fractional and metric sizes.

The thinner wall helps to fit over the fastener in tight situations whereas the correct steel alloy will keep you safe and your tool running correctly.



Specially engineered to perform the same as regular impact sockets.

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1/2" DRIVE UNIVERSAL IMPACT SOCKETS - 6 POINT

- Ball and spring design which allows for a 30° working angle.
- Smooth 360° rotation.
- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.



TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
7/16	J74274P	3/4	1-1/16	1/2	3/4	2-19/32	0.34
1/2	J74275P	3/4	1-1/16	1/2	3/4	2-19/32	0.34
9/16	J74276P	27/32	1-1/16	1/2	3/4	2-19/32	0.36
5/8	J74277P	15/16	1-1/16	1/2	3/4	2-19/32	0.38
11/16	J74278P	1-1/16	1-1/4	1/2	3/4	2-19/32	0.56
3/4	J74279P	1-3/32	1-1/4	1/2	3/4	2-19/32	0.54
13/16	J74280P	1-3/16	1-1/4	1/2	3/4	2-19/32	0.56
7/8	J74281P	1-1/4	1-1/4	1/2	3/4	2-19/32	0.58
15/16	J74282P	1-5/16	1-3/8	1/2	3/4	2-27/32	0.69
1	J74283P	1-11/32	1-3/8	1/2	3/4	2-27/32	1.71
1-1/16	J74284P	1-13/32	1-3/8	9/16	13/16	2-15/16	1.72
1-1/8	J74285P	1-31/64	1-3/8	5/8	7/8	3-1/32	1.80
1-3/16	J74286P	1-9/16	1-3/8	11/16	57/64	3-3/32	1.83
1-1/4	J74287P	1-5/8	1-3/8	3/4	1-1/32	3-3/16	1.86
1-5/16	J74288P	1-45/64	1-3/8	13/16	1	3-9/32	1.86

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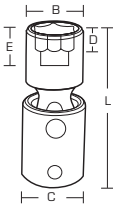
MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
13	J74413MP	25/32	1-1/16	1/2	3/4	2-5/8	0.34
14	J74414MP	55/64	1-1/16	1/2	3/4	2-5/8	0.39
15	J74415MP	57/64	1-1/16	1/2	3/4	2-5/8	0.43
16	J74416MP	61/64	1-1/16	1/2	3/4	2-5/8	0.48
17	J74417MP	1-1/64	1-1/4	1/2	3/4	2-5/8	0.53
18	J74418MP	1-1/16	1-1/4	1/2	3/4	2-5/8	0.54
19	J74419MP	1-7/64	1-1/4	1/2	3/4	2-5/8	0.54
21	J74421MP	1-13/64	1-1/4	1/2	3/4	2-5/8	0.54
22	J74422MP	1-1/4	1-1/4	1/2	3/4	2-5/8	0.58
24	J74424MP	1-21/64	1-1/4	1/2	3/4	2-5/8	0.58

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1/2" DRIVE DEEP UNIVERSAL IMPACT SOCKETS - 6 POINT

- Ball and spring design which allows for a 30° working angle.
- Smooth 360° rotation.
- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.





TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1/2	J75275P	1-1/16	11/16	1-5/8	3-9/16	0.41
9/16	J75276P	1-1/16	11/16	1-5/8	3-9/16	0.43
5/8	J75277P	1-1/16	11/16	1-21/32	3-9/16	0.45
11/16	J75278P	1-1/4	11/16	1-21/32	3-1/2	0.50
3/4	J75279P	1-1/4	11/16	1-39/64	3-1/2	0.55
13/16	J75280P	1-1/4	11/16	1-5/8	3-1/2	0.61
7/8	J75281P	1-1/4	11/16	1-5/8	3-1/2	0.73
15/16	J75282P	1-3/8	11/16	1-43/64	3-23/32	0.80

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MM	6	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
13	J75413MP	1-1/16	11/16	1-5/8	3-1/2	0.43
14	J75414MP	1-1/16	11/16	1-5/8	3-1/2	0.45
15	J75415MP	1-1/16	11/16	1-5/8	3-1/2	0.50
16	J75416MP	1-1/16	11/16	1-5/8	3-1/2	0.55
17	J75417MP	1-1/4	11/16	1-5/8	3-1/2	0.61
18	J75418MP	1-1/4	11/16	1-5/8	3-1/2	0.73
19	J75419MP	1-1/4	11/16	1-5/8	3-1/2	0.80

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1/2" DRIVE IMPACT UNIVERSAL JOINT

- Tight tolerances for snug fit on fastener.
- Used wherever powered drive tools are used to install or remove fasteners.
- Designed to withstand the high torque and force associated with impact tools in repetitive application.
- Position at appropriate angle to turn fasteners where obstructions prevent a straight application.
- Ball and spring design which allows for a 30° working angle.
- Smooth 360° rotation.



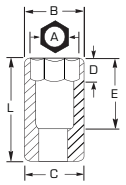
Product #	Overall Length (in)	Weight (lbs)
J74470P	2-19/32	0.57

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1/2" DRIVE TORX® IMPACT SOCKETS

- Proto® Torx® Impact Sockets can be used on stubborn Torx® fasteners.
- Tight tolerances for snug fit on fastener.
- Torx® Impact Sockets are used wherever power drive tools are used to help install or remove fasteners.
- Torx® Impact Sockets are designed to withstand the high torque and force associated with impact tools in repetitive applications.
- Socket size stamped on tool for easy identification.
- Side locking hole.





Torx® Size	TORX®	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
E18	J7418TX	27/32	7/8	17/32	27/32	1-1/2	0.14
E20	J7420TX	15/16	15/16	19/32	27/32	1-1/2	0.17

1/2" DRIVE IMPACT HEX BIT SOCKETS

- Proto® Hex Bit Impact Sockets can be used on stubborn fasteners.
- Tight tolerances for snug fit on fastener.
- Hex bit impact sockets are used wherever powered drive tools are used to install or remove fasteners.
- Hex bit impact sockets are designed to withstand the high torque and force associated with impact tools in repetitive application.
- Side locking hole.





INCH	HEX	Bit Length (in)	Overall Length (in)	Weight (lbs)
1/4	J74411/4	1-3/4	3-1/4	0.18
5/16	J74415/16	1-3/4	3-1/4	0.22
3/8	J74413/8	1-3/4	3-1/4	0.24
7/16	J74417/16	1-3/4	3-1/4	0.27
1/2	J74411/2	1-7/8	3-5/8	0.47
9/16	J74419/16	1-7/8	3-5/8	0.49
5/8	J74415/8	2	4	0.84

MM	HEX	Bit Length (in)	Overall Length (in)	Weight (lbs)
6	J7441-6M	1-3/4	3-1/4	0.19
8	J7441-8M	1-3/4	3-1/4	0.21
10	J7441-10M	1-3/4	3-1/4	0.26
12	J7441-12M	1-3/4	3-1/4	0.29
14	J7441-14M	1-7/8	3-5/8	0.49
17	J7441-17M	2	4	0.88

1/2" DRIVE ADAPTERS

- Use adapters to help increase or decrease drive end size.
- Do not use hand adapters with power tools.
- Do not over torque small sockets when using them with adapters on large drive tools.
- Size stamped on tool for easy identification.
- Side locking hole.



Product #	INCH	Overall Length (in)	Weight (lbs)
J7650	3/8" F x 1/2" M	1-5/16	0.13
J7651	1/2" F x 3/8" M	1-7/16	0.12
J7652	1/2" F x 3/4" M	1-29/32	0.35
J7653	3/4" F x 1/2" M	2-1/16	0.48
J7655	5/8" F x 1/2" M	1-53/64	0.34

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1/2" DRIVE IMPACT EXTENSIONS

- Use extensions to gain access to fasteners in locations that would otherwise be difficult to reach.
- Male square is oriented in-line with female squares for use with fixed head torque wrenches.
- Full chamfer at drive opening (when applicable) for easy engagement with drive tools.
- Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- Size stamped on tool for easy identification.
- Side locking hole.



Product #	Overall Length (in)	Weight (lbs)
J7180P*	2	0.19
J7182P	3	0.3
J7181P	5	0.47
J7184P	9	0.89
J7183-00	10	0.89

*This size not covered under ASME Standards

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1/2" DRIVE LOCKING EXTENSIONS

- Solid one-piece design helps prevent the locking components from becoming loose or disengaged.
- Patented locking feature locks sockets to the extension with exceptional force.
- Knurled shank provides a slip-resistant grip when hand-turning the extension.



Product #	Overall Length (in)	Weight (lbs)
J7503	3	0.34
J7505	5	0.57
J7510	10	1.04

1/2" DRIVE RETAINING RINGS

- Retaining Rings are used to help secure sockets onto drive tools.
- They are not intended to bear any load.
- The rotational forces are between the drive tool and the socket.
- One-piece construction, no loose parts.
- PROTO® 1/2" Impact socket family is not designed for use with these retaining rings.



Product #	Description	For Groove Dia. (in)	Diameter (in)	Height (in)	Weight (lbs)
JRR50080	Retaining Ring, 1/2" DR 800 GRV	51/64	15/16	1/8	0.01
JRR50087	Retaining Ring, 1/2" DR 870 GRV	7/8	1	1/8	0.01
JRR50095	Retaining Ring, 1/2" DR 950 GRV	61/64	1-1/16	1/8	0.01
JRR50105	Retaining Ring, 1/2" DR 1050 GRV	1-1/16	1-3/16	1/8	0.01
JRR50115	Retaining Ring, 1/2" DR 1150 GRV	1-5/32	1-1/4	1/8	0.01
JRR50130	Retaining Ring, 1/2" DR 1300 GRV	1-5/16	1-7/16	1/8	0.01
JRR50145	Retaining Ring, 1/2" DR 1450 GRV	1-7/16	1-9/16	1/8	0.01
JRR50160	Retaining Ring, 1/2" DR 1600 GRV	1-19/32	1-3/4	1/8	0.01

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3/4" DRIVE IMPACT SOCKETS

- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Stamped size for easy reference.
- Side locking hole.



TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
9/16	J07509	–	1	1-5/8	23/64	15/16	1-7/8	0.72	JRR07523	J07500R	J07500P
5/8	J07510	J07510T	1-3/32	1-5/8	25/64	15/16	1-7/8	0.69	JRR07523	J07500R	J07500P
11/16	J07511	J07511T	1-5/32	1-5/8	7/16	1	1-15/16	0.72	JRR07523	J07500R	J07500P
3/4	J07512	J07512T	1-15/64	1-5/8	15/32	1	1-15/16	0.70	JRR07523	J07500R	J07500P
13/16	J07513	J07513T	1-5/16	1-5/8	1/2	1	1-15/16	0.67	JRR07523	J07500R	J07500P
7/8	J07514	J07514T	1-1/2	1-5/8	35/64	1-1/16	2	0.73	JRR07523	J07500R	J07500P
15/16	J07515	J07515T	1-5/8	1-5/8	37/64	1-1/16	2	0.78	JRR07523	J07500R	J07500P
1	J07516	J07516T	1-5/8	1-5/8	5/8	1-1/8	2-1/16	0.73	JRR07523	J07500R	J07500P
1-1/16	J07517	J07517T	1-5/8	1-5/8	21/32	1-1/8	2-1/16	0.81	JRR07523	J07500R	J07500P
1-1/8	J07518	J07518T	1-3/4	1-3/4	45/64	1-1/4	2-3/16	0.91	JRR07526	J07500R	J07500P
1-3/16	J07519	J07519T	1-7/8	1-3/4	47/64	1-1/4	2-3/16	1.02	JRR07526	J07500R	J07500P
1-1/4	J07520	J07520T	2	1-3/4	3/4	1-1/4	2-3/16	1.10	JRR07526	J07500R	J07500P
1-5/16	J07521	J07521T	2-1/8	1-3/4	27/32	1-1/4	2-3/16	1.19	JRR07526	J07500R	J07500P
1-3/8	J07522	J07522T	2-1/8	1-3/4	13/16	1-3/16	2-1/4	1.18	JRR07526	J07500R	J07500P
1-7/16	J07523	J07523T	2-1/4	1-3/4	7/8	1-3/8	2-5/16	1.29	JRR07526	J07500R	J07500P
1-1/2	J07524	J07524T	2-3/8	1-3/4	1	1-7/16	2-3/8	1.43	JRR07526	J07500R	J07500P
1-9/16	J07525	–	2-3/8	1-3/4	1	1-1/2	2-7/16	1.57	JRR07526	J07500R	J07500P
1-5/8	J07526	J07526T	2-3/8	1-3/4	1	1-1/2	2-7/16	1.60	JRR07526	J07500R	J07500P
1-11/16	J07527	–	2-39/64	1-3/4	1-1/8	1-11/16	2-5/8	1.78	JRR07526	J07500R	J07500P
1-3/4	J07528	–	2-39/64	1-3/4	1-1/8	1-11/16	2-5/8	1.83	JRR07526	J07500R	J07500P
1-13/16	J07529		2-3/4	1-3/4	1-1/8	1-11/16	2-5/8	1.92	JRR07526	J07500R	J07500P
1-7/8	J07530	–	2-3/4	1-3/4	1-1/4	1-7/8	2-13/16	2.19	JRR07526	J07500R	J07500P
1-15/16	J07531*	–	2-7/8	1-3/4	1-1/4	1-7/8	2-13/16	2.28	JRR07526	J07500R	J07500P
2	J07532	J07532T	3	1-3/4	1-1/4	1-7/8	2-13/16	2.30	JRR07526	J07500R	J07500P
2-1/16	J07533	–	3	1-3/4	1-3/8	2-5/32	3-3/32	2.66	JRR07526	J07500R	J07500P
2-1/8	J07534*	–	3-1/8	1-3/4	1-3/8	2-5/32	3-3/32	2.79	JRR07526	J07500R	J07500P
2-3/16	J07535	–	3-1/4	1-3/4	1-3/8	2-3/16	3-1/8	3.25	JRR07526	J07500R	J07500P
2-1/4	J07536	–	3-5/16	1-3/4	1-1/2	2-5/16	3-1/4	3.17	JRR07526	J07500R	J07500P
2-5/16	J07537*	–	3-9/32	1-3/4	1-1/2	1-15/16	3-5/16	3.21	JRR07526	J07500R	J07500P
2-3/8	J07538	–	3-1/2	1-3/4	1-1/2	2-7/16	3-3/8	3.45	JRR07526	J07500R	J07500P

*This size not covered under ASME Standards

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3/4" DRIVE METRIC IMPACT SOCKETS

- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Stamped size for easy reference.
- Side locking hole.



TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

MM	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
17	J07517M	J07517MT	1-5/32	1-5/8	27/64	63/64	1-59/64	0.68	JRR07523	J07500R	J07500P
19	J07519M	J07519MT	1-13/64	1-5/8	15/32	63/64	1-59/64	0.70	JRR07523	J07500R	J07500P
20	J07520M	J07520MT	1-19/64	1-5/8	9/16	63/64	1-59/64	0.70	JRR07523	J07500R	J07500P
21	J07521M	J07521MT	1-23/64	1-5/8	5/8	59/64	1-59/64	0.70	JRR07523	J07500R	J07500P
22	J07522M	J07522MT	1-27/64	1-5/8	11/16	1-1/16	2	0.79	JRR07523	J07500R	J07500P
23	J07523M	J07523MT	1-5/8	1-5/8	11/16	1-1/16	2	0.80	JRR07523	J07500R	J07500P
24	J07524M	J07524MT	1-5/8	1-5/8	19/32	1-1/16	2	0.73	JRR07523	J07500R	J07500P
25	J07525M	J07525MT	1-5/8	1-5/8	11/16	1-1/16	2	0.76	JRR07523	J07500R	J07500P
26	J07526M	J07526MT	1-5/8	1-5/8	3/4	1-1/8	2-1/16	0.77	JRR07523	J07500R	J07500P
27	J07527M	J07527MT	1-5/8	1-5/8	13/16	1-1/8	2-1/16	0.74	JRR07523	J07500R	J07500P
28	J07528M	J07528MT	1-5/8	1-5/8	45/64	1-1/8	2-1/16	0.72	JRR07523	J07500R	J07500P
29	J07529M	J07529MT	45.4	1-5/8	19.7	1-1/8	2-3/16	1.01	JRR07523	J07500R	J07500P
30	J07530M	J07530MT	1-7/8	1-3/4	59/64	1-7/32	2-3/16	1.01	JRR07526	J07500R	J07500P
31	J07531M	J07531MT	1-7/8	1-3/4	7/8	1-1/8	2-3/16	0.99	JRR07526	J07500R	J07500P
32	J07532M	J07532MT	2	1-3/4	7/8	1-9/64	2-3/16	1.13	JRR07526	J07500R	J07500P
33	J07533M	J07533MT	2	1-3/4	7/8	1-3/16	2-3/16	1.08	JRR07526	J07500R	J07500P
34	J07534M	J07534MT	2-1/8	1-3/4	15/16	1-3/16	2-1/4	1.18	JRR07526	J07500R	J07500P
35	J07535M	J07535MT	2-1/8	1-3/4	15/16	1-5/16	2-1/4	1.18	JRR07526	J07500R	J07500P
36	J07536M	J07536MT	2-1/4	1-3/4	15/16	1-9/32	2-5/16	1.32	JRR07526	J07500R	J07500P
38	J07538M	J07538MT	2-3/8	1-3/4	1	1-21/64	2-3/8	1.56	JRR07526	J07500R	J07500P
40	J07540M	J07540MT	2-1/2	1-3/4	1-1/32	1-17/64	2-1/2	1.64	JRR07526	J07500R	J07500P
41	J07541M	J07541MT	2-1/2	1-3/4	1-1/16	1-31/64	2-5/8	1.76	JRR07526	J07500R	J07500P
42	J07542M	J07542MT	2-1/2	1-3/4	1-1/8	1-45/64	2-3/4	1.87	JRR07526	J07500R	J07500P
43	J07543M	J07543MT	2-9/16	1-3/4	1-1/8	1-45/64	2-3/4	1.93	JRR07526	J07500R	J07500P
46	J07546M	J07546MT	2-3/4	1-3/4	1-1/4	1-45/64	2-7/8	2.10	JRR07526	J07500R	J07500P
50	J07550M	J07550MT	2-15/16	1-3/4	1-1/4	1-49/64	3-1/8	2.44	JRR07526	J07500R	J07500P

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4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

3/4" DRIVE IMPACT SOCKETS - 8 POINT

- Proto® 8 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- Tight tolerances for snug fit on fastener.
- Large clearance holes, concentric opening and nut end chamfer make it easy to position socket on fasteners.
- Made from high-strength steel to help minimize wall thickness and provide access to fasteners in recesses and where nuts and bolts protrude.
- Impact sockets are designed to withstand higher torque and force associated with impact tools in repetitive application.
- Features two through holes and a groove to accept a Proto® Retaining Ring or pin and o-ring to help secure the socket to the drive tool anvil.
- Stamped size for easy reference.
- Side locking hole.



TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	8	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
7/8	J07514S	1-3/4	1-3/4	35/64	1-1/32	2	0.97	JRR07523	J07500R	J07500P
15/16	J07515S	1-13/16	1-3/4	19/32	1-3/32	2-1/16	1.07	JRR07523	J07500R	J07500P
1	J07516S	2	1-3/4	5/8	1-5/32	2-1/8	1.23	JRR07523	J07500R	J07500P
1-1/16	J07517S	2-1/8	1-3/4	21/32	1-7/32	2-3/16	1.28	JRR07523	J07500R	J07500P
1-1/8	J07518S	2-1/4	1-3/4	45/64	1-15/64	2-1/4	1.42	JRR07526	J07500R	J07500P
1-3/16	J07519S*	2-3/8	1-3/4	3/4	1-11/32	2-5/16	1.55	JRR07526	J07500R	J07500P
1-1/4	J07520S	2-3/8	1-3/4	3/4	1-13/32	2-3/8	1.57	JRR07526	J07500R	J07500P
1-5/16	J07521S	2-1/2	1-3/4	7/8	1-13/32	2-3/8	1.75	JRR07526	J07500R	J07500P

*This size not covered under ASME Standards

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3/4" DRIVE IMPACT SOCKETS - 4 POINT

- Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- Tight tolerances for snug fit on fastener.
- Large clearance holes, concentric opening and nut end chamfer make it easy to position socket on fasteners.
- Made from high-strength steel to help minimize wall thickness and provide access to fasteners in recesses and where nuts and bolts protrude.
- Impact sockets are used where ever powered drive tools are used to install or remove fasteners.
- Impact sockets are designed to withstand the high torque and force associated with impact tools in repetitive application.
- Features two through holes and a groove to accept a Proto® Retaining Ring or pin and o-ring to help secure the socket to the drive tool anvil.
- Stamped size for easy reference.
- Side locking hole.



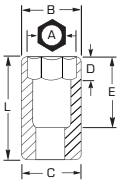
INCH	4	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
5/8	J07510SS	1-1/4	1-5/8	25/64	15/16	2	0.70	JRR07523	J07500R	J07500P
11/16	J07511SS	1-11/32	1-5/8	7/16	15/16	1-7/8	0.75	JRR07523	J07500R	J07500P
13/16	J07513SS	1-5/8	1-5/8	33/64	1-1/16	2	0.82	JRR07523	J07500R	J07500P

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3/4" DRIVE DEEP IMPACT SOCKETS

- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Stamped size for easy reference.
- Side locking hole.







TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
9/16	J07509L	1	1-5/8	15/32	2-5/16	3-1/4	1.34	JRR07523	J07500R	J07500P
5/8	J07510L	1-3/32	1-5/8	33/64	2-5/16	3-1/4	1.28	JRR07523	J07500R	J07500P
11/16	J07511L	1-5/32	1-5/8	9/16	2-5/16	3-1/4	1.34	JRR07523	J07500R	J07500P
3/4	J07512L	1-1/4	1-5/8	39/64	2-5/16	3-1/4	1.35	JRR07523	J07500R	J07500P
13/16	J07513L	1-5/16	1-5/8	43/64	2-5/16	3-1/4	1.18	JRR07523	J07500R	J07500P
7/8	J07514L	1-1/2	1-5/8	23/32	2-5/16	3-1/4	1.23	JRR07523	J07500R	J07500P
15/16	J07515L	1-5/8	1-5/8	25/32	2-5/16	3-1/4	1.20	JRR07523	J07500R	J07500P
1	J07516L	1-5/8	1-5/8	53/64	2-5/16	3-1/4	1.11	JRR07523	J07500R	J07500P
1-1/16	J07517L	1-5/8	1-5/8	7/8	2-5/16	3-1/4	1.20	JRR07523	J07500R	J07500P
1-1/8	J07518L	1-3/4	1-3/4	59/64	2-5/16	3-1/4	1.29	JRR07526	J07500R	J07500P
1-3/16	J07519L	1-7/8	1-3/4	31/32	2-5/16	3-1/4	1.54	JRR07526	J07500R	J07500P
1-1/4	J07520L	2	1-3/4	1	2-5/16	3-1/4	1.89	JRR07526	J07500R	J07500P
1-5/16	J07521L	2-1/8	1-3/4	1	2-5/16	3-1/4	1.88	JRR07526	J07500R	J07500P
1-3/8	J07522L	2-1/8	1-3/4	1	2-5/16	3-1/4	1.79	JRR07526	J07500R	J07500P
1-7/16	J07523L	2-1/4	1-3/4	1-1/16	2-7/16	3-1/2	2.00	JRR07526	J07500R	J07500P
1-1/2	J07524L	2-3/8	1-3/4	1-1/16	2-7/16	3-1/2	2.25	JRR07526	J07500R	J07500P
1-9/16	J07525L	2-3/8	1-3/4	1	2-3/8	3-13/16	2.43	JRR07526	J07500R	J07500P
1-5/8	J07526L	2-3/8	1-3/4	2-1/4	2-5/8	3-13/16	2.57	JRR07526	J07500R	J07500P
1-11/16	J07527L	2-39/64	1-3/4	2-1/4	2-5/8	3-7/8	2.69	JRR07526	J07500R	J07500P
1-3/4	J07528L	2-39/64	1-3/4	2-1/4	2-5/8	3-7/8	2.84	JRR07526	J07500R	J07500P
1-13/16	J07529L	2-3/4	1-3/4	2-1/4	2-5/8	3-7/8	3.09	JRR07526	J07500R	J07500P
1-7/8	J07530L	2-3/4	1-3/4	2-3/8	3-3/4	4-1/16	3.19	JRR07526	J07500R	J07500P
2	J07532L	3	1-3/4	1-1/2	2-3/4	4-1/16	3.45	JRR07526	J07500R	J07500P

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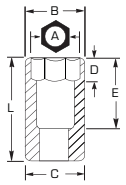
MM	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
19	J07519ML	J07519MLT	1-7/32	1-5/8	5/8	2-1/4	3-1/4	1.32	JRR07523	J07500R	J07500P
21	J07521ML	J07521MLT	1-3/8	1-5/8	51/64	2-1/4	3-1/4	1.30	JRR07523	J07500R	J07500P
22	J07522ML	J07522MLT	1-7/16	1-5/8	13/16	2-1/4	3-1/4	1.20	JRR07523	J07500R	J07500P
23	J07523ML	J07523MLT	1-5/8	1-5/8	3/4	2-1/4	3-1/4	1.28	JRR07523	J07500R	J07500P
24	J07524ML	J07524MLT	1-5/8	1-5/8	13/16	2-1/4	3-1/4	1.31	JRR07523	J07500R	J07500P
26	J07526ML	J07526MLT	1-5/8	1-5/8	27/32	2-1/4	3-1/4	1.20	JRR07523	J07500R	J07500P
27	J07527ML	J07527MLT	1-5/8	1-5/8	7/8	2-1/4	3-1/4	1.14	JRR07523	J07500R	J07500P
30	J07530ML	J07530MLT	1-7/8	1-3/4	31/32	2-9/32	3-1/4	1.45	JRR07526	J07500R	J07500P
32	J07532ML	J07532MLT	2	1-3/4	1	2-9/32	3-1/4	1.63	JRR07526	J07500R	J07500P
33	J07533ML	J07533MLT	2	1-3/4	1	2-9/32	3-1/4	1.55	JRR07526	J07500R	J07500P
35	J07535ML	J07535MLT	2-1/8	1-3/4	1	2-9/32	3-1/4	1.89	JRR07526	J07500R	J07500P
36	J07536ML	J07536MLT	2-1/4	1-3/4	1	2-9/32	3-1/4	1.91	JRR07526	J07500R	J07500P
38	J07538ML	J07538MLT	2-3/8	1-3/4	1-1/16	2-29/64	3-1/2	2.10	JRR07526	J07500R	J07500P
41	J07541ML	J07541MLT	2-1/2	1-3/4	1-1/16	2-29/64	3-1/2	2.36	JRR07526	J07500R	J07500P
43	–	J07543MLT	2-9/16	1-3/4	1-1/8	2-29/64	3-1/2	2.52	JRR07526	J07500R	J07500P

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3/4" DRIVE DEEP THIN WALL IMPACT SOCKETS - 6 POINT

- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Stamped size for easy reference.
- Side locking hole.





TORQUEPLUS™ FASTENING SYSTEM

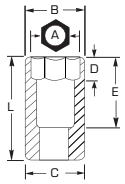
- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
1-1/4	J07520-LT	1-3/4	1-3/4	1	3-1/16	4	1.33	JRR07526	J07500R	J07500P
1-5/16	J07521-LT	1-7/8	1-3/4	1-1/8	2-5/16	3-1/4	1.28	JRR07526	J07500R	J07500P
1-7/16	J07523-LT	2	1-3/4	1-1/8	2-9/16	3-1/2	1.42	JRR07526	J07500R	J07500P

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3/4" DRIVE BUDD WHEEL DEEP SOCKET

- Stamped size for easy reference.
- Side locking hole.





INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Overall Length (in) (L)	Weight (lbs)
1-1/2	J07524-LS	2-1/4	1-5/8	4	3.12

3/4" DRIVE IMPACT UNIVERSAL JOINT

- Tight tolerances for snug fit on fastener.
- Used wherever powered drive tools are used to install or remove fasteners.
- Designed to withstand the high torque and force associated with impact tools in repetitive application.
- Features two through holes and a groove to accept a Proto® Retaining Ring or pin and O-ring to help secure the socket to the drive tool anvil.
- Position at appropriate angle to turn fasteners where obstructions prevent a straight application.
- Ball design which allows for a 30° working angle.
- Smooth 360° rotation.



Product #	Overall Length (in)	Weight (lbs)
J07570A	3-1/2	1.40

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ABOUT UNIVERSAL IMPACT JOINTS

A universal impact joint is handy for reaching into difficult spots. Never use a universal joint designed for a hand tool on an impact gun.

Always use an impact universal joint on an impact gun. They are made from the same forgiving alloy steel as standard impact sockets, and they have the same standard safety features.



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3/4" DRIVE ADAPTERS

- Use adapters to help increase or decrease drive end size.
- Do not use hand adapters with power tools.
- Do not over torque small sockets when using them with adapters on large drive tools.
- Made of forged steel.
- Size stamped on tool for easy identification.



Product #	INCH	Overall Length (in)	Weight (lbs)
J7652	1/2" F x 3/4" M	1-29/32	0.35
J07655	3/4" F x 1" M	2-1/2	0.89
J07656	1" F x 3/4" M	2-7/8	1.42
J7656	5/8" F x 3/4" M	1-31/32	0.40

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3/4" DRIVE IMPACT EXTENSIONS

- Use extensions to gain access to fasteners in locations that would otherwise be difficult to reach.
- Male square is oriented in-line with female squares for use with fixed head torque wrenches.
- Full chamfer at drive opening (when applicable) for easy engagement with drive tools.
- Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- Features two thru holes and a groove to accept a Proto retaining ring or pin or o-ring to help secure extension to the drive tool anvil.



Product #	Overall Length (in)	Weight (lbs)
J07565*	5	1.48
J07567	7	1.97
J07568	10	2.73

*This size not covered under ASME Standards

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3/4" DRIVE IMPACT HEX BIT SOCKETS

- Stamped size for easy reference.
- Side locking hole.



INCH	HEX	Overall Length (in)	Weight (lbs)	Repair Kit Part #
9/16	J075909/16	3-3/4	0.96	J075909/16RK
5/8	J075905/8	3-27/32	1.11	J075905/8RK
3/4	J075903/4	4-3/8	1.75	J075903/4RK
7/8	J075907/8	4-3/4	2.09	J075907/8RK
1	J075901	5-13/64	2.59	J075901RK



3/4" DRIVE IMPACT SOCKET O-RING

- Black oxide finish.
- For use with all 3/4" drive impact sockets and attachments.

Product #	Weight (lbs)
J07500R	0.01



3/4" DRIVE IMPACT SOCKET RETAINING PIN

- Black oxide finish.
- For use with all 3/4" drive impact sockets and attachments.

Product #	Weight (lbs)
J07500P	0.01



3/4" DRIVE RETAINING RINGS

- Retaining rings are used to help secure sockets onto drive tools.
- They are not intended to bear any load.
- The rotational forces are between the drive tool and the socket.
- The resin crush gauge on the pin helps indicate when a socket is excessively worn and should be replaced.
- Drive tool and socket should line up when in use and should not pinch the crush gauge.
- Cracked sockets and/or worn drive tools cause each other to turn excessively in relation to each other. This action pinches the small fin or the crush gauge on these retaining rings. If the crush gauge is pinched, it is an indication that the socket and or the drive tool need to be replaced.
- One-piece construction, no loose parts. Pin is made of resin which allows the material to compress without breaking.
- Part numbers are embossed on the rings near the point at which the pin and ring meet.



Product #	For Groove Dia. (in)	Diameter (in)	Height (in)	Weight (lbs)
JRR07520	1-1/4	1-7/16	3/16	0.01
JRR07523	1-7/16	1-5/8	3/16	0.01
JRR07526	1-5/8	1-13/16	3/16	0.01
JRR07528	1-3/4	1-15/16	3/16	0.01
JRR07532	1-15/16	2-3/16	3/16	0.01
JRR07534	2-1/8	2-5/16	3/16	0.01
JRR07536	2-1/4	2-7/16	3/16	0.01

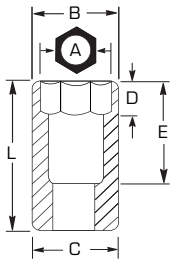
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1" DRIVE IMPACT SOCKETS

- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Stamped size for easy reference.
- Side locking hole.







TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	12	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
3/4	J10012	–	1-7/16	2-1/8	19/32	1-5/16	2-7/16	1.11	JRR10028	J10000R1	J10000P1
13/16	J10013	–	1-1/2	2-1/8	5/8	1-3/8	2-1/2	1.07	JRR10028	J10000R1	J10000P1
7/8	J10014	J10014T	1-17/32	2-1/8	21/32	1-3/8	2-1/2	1.17	JRR10028	J10000R1	J10000P1
15/16	J10015	J10015T	1-39/64	2-1/8	19/32	1-3/8	2-1/2	1.19	JRR10028	J10000R1	J10000P1
1	J10016	J10016T	1-3/4	2-1/8	3/4	1-3/8	2-1/2	1.19	JRR10028	J10000R1	J10000P1
1-1/16	J10017	–	1-3/4	2-1/8	7/8	1-1/2	2-5/8	1.28	JRR10028	J10000R1	J10000P1
1-1/8	J10018	J10018T	1-13/16	2-1/8	7/8	1-1/2	2-5/8	1.27	JRR10028	J10000R1	J10000P1
1-3/16	J10019	–	1-7/8	2-1/8	7/8	1-1/2	2-5/8	1.50	JRR10028	J10000R1	J10000P1
1-1/4	J10020	J10020T	2-1/8	2-1/8	15/16	1-1/2	2-5/8	1.50	JRR10028	J10000R1	J10000P1
1-5/16	J10021	J10021T	2-1/8	2-1/8	15/16	1-5/8	2-3/4	1.45	JRR10028	J10000R1	J10000P1
1-3/8	J10022	J10022T	2-1/8	2-1/8	1-1/32	1-5/8	2-3/4	1.65	JRR10028	J10000R1	J10000P1
1-7/16	J10023	J10023T	2-1/8	2-1/8	1-1/32	1-5/16	2-7/16	1.71	JRR10028	J10000R1	J10000P1
1-1/2	J10024	J10024T	2-3/8	2-3/8	1-1/4	1-1/2	2-5/8	1.89	JRR10028	J10000R1	J10000P1
1-9/16	J10025	–	2-3/8	2-3/8	1-1/4	1-1/2	2-5/8	2.14	JRR10032	J10000R2	J10000P2
1-5/8	J10026	J10026T	2-15/32	2-3/8	1-1/4	1-1/2	2-5/8	2.11	JRR10032	J10000R2	J10000P2
1-11/16	J10027	J10027T	2-39/64	2-3/8	1-1/8	1-11/16	2-13/16	2.18	JRR10032	J10000R2	J10000P2
1-3/4	J10028	J10028T	2-11/16	2-3/8	1-1/8	1-11/16	2-13/16	2.63	JRR10034	J10000R2	J10000P2
1-13/16	J10029	–	2-51/64	2-3/8	1-1/8	1-1/16	2-13/16	2.55	JRR10034	J10000R2	J10000P2
1-7/8	J10030	J10030T	2-51/64	2-3/8	1-1/4	1-7/8	3	2.75	JRR10034	J10000R2	J10000P2
1-15/16	J10031	–	2-7/8	2-3/8	1-1/4	1-7/8	3	3.01	JRR10034	J10000R2	J10000P2
2	J10032	J10032T	3	2-3/8	1-1/4	1-7/8	3	3.10	JRR10034	J10000R2	J10000P2
2-1/16	J10033	J10033T	3	2-3/8	1-9/16	1-9/16	3-3/32	3.04	JRR10034	J10000R2	J10000P2
2-1/8	J10034	–	3-1/8	2-3/8	1-3/8	1-9/16	3-3/32	3.30	JRR10034	J10000R2	J10000P2
2-3/16	J10035	–	3-1/4	2-3/8	1-3/8	1-9/16	3-1/8	3.54	JRR10034	J10000R2	J10000P2
2-1/4	J10036	J10036T	3-5/16	2-3/8	1-1/2	1-21/32	3-1/4	3.60	JRR10034	J10000R2	J10000P2
2-5/16	J10037	–	3-7/16	2-3/8	1-1/2	1-23/32	3-21/64	4.13	JRR10034	J10000R2	J10000P2
2-3/8	J10038	J10038T	3-1/2	2-3/8	1-1/2	1-3/4	3-3/8	4.07	JRR10034	J10000R2	J10000P2
2-7/16	J10039	–	3-1/2	2-3/8	1-5/8	1-3/4	3-25/64	4.12	JRR10034	J10000R2	J10000P2
2-1/2	J10040	–	3-5/8	2-3/8	1 -5/8	1-13/16	3-1/2	4.15	JRR10034	J10000R2	J10000P2
2-9/16	J10041	–	3-47/64	2-3/8	1-5/8	1-13/16	3-1/2	4.94	JRR10040	-	-
2-5/8	J10042	–	3-3/4	2-3/8	1-3/4	1-15/16	3-5/8	4.92	JRR10040	-	-
2-11/16	J10043	–	3-7/8	2-3/8	1-3/4	1-15/16	3-21/32	5.39	JRR10040	-	-
2-3/4	J10044	–	3-7/8	2-3/8	1-3/4	2	3-3/4	5.39	JRR10040	-	-
2-13/16	J10045	–	4	2-3/8	1-7/8	2-3/64	3-13/16	5.99	JRR10040	-	-
2-7/8	J10046	–	4-1/16	2-3/8	1-7/8	2-5/64	3-7/8	5.95	JRR10040	-	-
2-15/16	J10047	–	4-1/8	2-3/8	1-7/8	2-1/16	3-7/8	6.11	JRR10040	-	-
3	J10048	–	4-1/4	2-3/8	2	2-3/16	4	6.77	JRR10040	-	-
3-1/8	J10050	–	4-3/8	2-3/8	2	2-3/16	4-1/16	6.94	JRR10040	-	-
3-1/4	J10052	–	4-1/2	2-3/8	2	2-15/32	4-3/8	7.62	JRR10040	-	-
3-3/8	J10054	–	4-9/16	2-3/8	2-1/4	2-15/32	4-7/16	7.80	JRR10040	-	-
3-1/2	J10056	–	4-3/4	2-3/8	2-1/4	2-1/2	4-1/2	8.45	JRR10040	-	-
3-5/8	J10058	–	4-7/8	2-3/8	2-1/4	2-35/64	4-3/4	10.59	-	-	-
3-7/8	J10062	–	5-1/16	2-3/8	2-1/4	2-31/32	5	12.20	-	-	-
4	J10064	–	5-3/4	2-3/8	2-1/2	4-3/8	5-1/2	14.89	-	-	-
4-1/8	J10066	–	6	2-3/8	2-3/4	4-5/8	5-1/2	15.26	-	-	-
4-1/4	J10068	–	6	2-3/8	2-3/4	4-5/8	5-1/2	15.56	-	-	-
4-1/2	J10072	–	6-1/4	2-3/8	3	4-7/8	6	17.61	-	-	-

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1" DRIVE IMPACT SOCKETS (CONT'D)

MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
19	J10019M	1-7/16	2-1/8	39/64	57/64	2-13/32	1.10	JRR10028	J10000R1	J10000P1
22	J10022M	1-35/64	2-1/8	21/32	1	2-13/32	1.09	JRR10028	J10000R1	J10000P1
24	J10024M	1-39/64	2-1/8	3/4	1	2-13/32	1.06	JRR10028	J10000R1	J10000P1
27	J10027M	1-49/64	2-1/8	7/8	1-13/64	2-19/32	1.27	JRR10032	J10000R2	J10000P2
28	J10028M	1-13/16	2-1/8	7/8	1-13/64	2-19/32	1.27	JRR10034	J10000R2	J10000P2
30	J10030M	1-7/8	2-1/8	7/8	1-13/64	2-19/32	1.58	JRR10034	J10000R2	J10000P2
32	J10032M	2-1/8	2-1/8	15/16	1-13/64	2-19/32	1.51	JRR10034	J10000R2	J10000P2
33	J10033M	2-1/8	2-1/8	1	1-1/4	2-3/4	1.48	JRR10034	J10000R2	J10000P2
36	J10036M	2-1/4	2-1/8	27/32	1-13/64	2-7/16	1.73	JRR10034	J10000R2	J10000P2
38	J10038M	2-25/64	2-25/64	1-13/32	1-1/4	2-45/64	1.91	JRR10034	J10000R2	J10000P2
41	J10041M	2-31/64	2-13/32	1-1/8	1-1/4	2-13/16	2.07	JRR10034	J10000R2	J10000P2
46	J10046M	2-25/32	2-13/32	1-5/16	1-13/32	2-13/16	2.63	JRR10040	-	-
50	J10050M	3	2-13/32	1-7/16	1-1/2	3	3.20	JRR10040	-	-
54	J10054M	3-3/32	2-13/32	1-19/32	1-1/2	3	3.33	JRR10040	-	-
55	J10055M	3-1/4	2-13/32	1-9/16	1-9/16	3-1/8	3.71	JRR10040	-	-
60	J10060M	3-3/4	2-13/32	1-9/16	1-53/64	3-3/8	3.91	-	-	-
65	J10065M	3-3/4	2-13/32	1-9/16	1-13/16	3-1/2	4.93	-	-	-
70	J10070M*	3-13/16	2-3/4	1-25/32	2-1/4	3-53/64	5.02	-	-	-
75	J10075M	4	2-3/4	2-13/64	2-11/16	3-27/32	6.15	-	-	-
80	J10080M	4-13/64	2-3/4	2-21/64	2-13/16	4	6.59	-	-	-

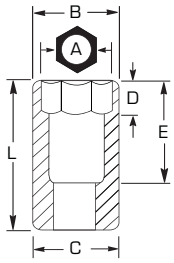
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1" DRIVE IMPACT SOCKETS - 8 POINT

- Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- Tight tolerances for snug fit on fastener.
- Large clearance holes, concentric opening and nut end chamfer make it easy to position socket on fasteners.
- Made from high-strength steel to help minimize wall thickness and provide access to fasteners in recesses and where nuts and bolts protrude.
- Impact sockets are used wherever powered drive tools are used to install or remove fasteners.
- Impact sockets are designed to withstand the high torque and force associated with impact tools in repetitive application.
- Features two through holes and a groove to accept a Proto® Retaining Ring or pin and O-ring to help secure the socket to the drive tool anvil.





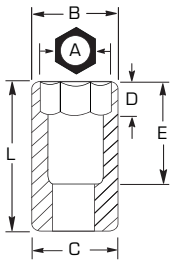
INCH	8	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
1-5/8	J10026S	3-3/32	3-3/32	13/16	1-5/8	3-1/2	3.81	JRR10032	J10000R2	J10000P2
1-13/16	J10029S	3-3/8	3-3/8	7/8	1-7/8	3-1/2	4.16	JRR10034	J10000R2	J10000P2

4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1" DRIVE DEEP IMPACT SOCKETS - 6 POINT

- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Stamped size for easy reference.
- Side locking hole.





TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
3/4	J10012L	1-7/16	2	7/16	2-39/64	4	1.65	-	-	-
13/16	J10013L	1-7/16	2	29/64	2-39/64	4	1.65	-	-	-
7/8	J10014L	1-35/64	2-1/8	1/2	2-5/8	3-3/4	2.45	JRR10028	J10000R1	J10000P1
15/16	J10015L	1-39/64	2-1/8	1/2	2-5/8	3-3/4	2.64	JRR10028	J10000R1	J10000P1
1	J10016L	1-3/4	2-1/8	25/64	2-5/8	3-3/4	2.66	JRR10028	J10000R1	J10000P1
1-1/16	J10017L	1-3/4	2-1/8	5/8	2-5/8	3-3/4	2.54	JRR10028	J10000R1	J10000P1
1-1/8	J10018L	1-13/16	2-1/8	21/32	2-5/8	3-3/4	2.53	JRR10028	J10000R1	J10000P1
1-3/16	J10019L	1-7/8	2-1/8	21/32	2-5/8	3-3/4	2.32	JRR10028	J10000R1	J10000P1
1-1/4	J10020L	2-1/8	2-1/8	3/4	2-5/8	3-3/4	2.55	JRR10028	J10000R1	J10000P1
1-5/16	J10021L	2-1/8	2-1/8	49/64	2-5/8	3-3/4	2.45	JRR10028	J10000R1	J10000P1
1-3/8	J10022L	2-1/8	2-1/8	25/32	2-5/8	3-3/4	2.38	JRR10028	J10000R1	J10000P1
1-7/16	J10023L	2-1/8	2-1/8	7/8	2-5/32	4	2.52	JRR10028	J10000R1	J10000P1
1-1/2	J10024L	2-3/8	2-3/8	55/64	2-5/32	4	2.80	JRR10028	J10000R1	J10000P1
1-9/16	J10025L	2-3/8	2-3/8	55/64	2-3/8	4	2.89	JRR10028	J10000R1	J10000P1
1-5/8	J10026L	2-3/8	2-3/8	1	2-53/64	4	2.73	JRR10032	J10000R2	J10000P2
1-11/16	J10027L	2-39/64	2-3/8	1	2-53/64	4-1/16	3.45	JRR10032	J10000R2	J10000P2
1-3/4	J10028L	2-39/64	2-3/8	1-3/32	2-53/64	4-1/16	3.31	JRR10034	J10000R2	J10000P2
1-13/16	J10029L	2-3/4	2-3/8	1-1/8	2-53/64	4-1/16	3.65	JRR10034	J10000R2	J10000P2
1-7/8	J10030L	2-3/4	2-3/8	1-1/8	2-3/4	4-1/4	3.74	JRR10034	J10000R2	J10000P2
1-15/16	J10031L	2-7/8	2-3/8	1-1/8	2-3/4	4-1/4	4.05	JRR10034	J10000R2	J10000P2
2	J10032L	3	2-3/8	1-7/32	2-3/4	4-1/4	4.31	JRR10034	J10000R2	J10000P2
2-1/16	J10033L	3-1/8	2-3/8	1-7/32	2-3/4	4-1/4	4.52	JRR10034	J10000R2	J10000P2
2-1/8	J10034L	3-1/8	2-3/8	1-7/32	2-31/32	4-1/2	4.78	JRR10034	J10000R2	J10000P2
2-3/16	J10035L	3-1/4	2-3/8	1-3/8	2-15/16	4-1/2	5.19	JRR10034	J10000R2	J10000P2
2-1/4	J10036L	3-1/4	2-3/8	1-3/8	2-29/32	4-1/2	4.98	JRR10034	J10000R2	J10000P2
2-5/16	J10037L	3-1/2	2-3/8	1-3/8	2-29/32	4-3/4	5.92	JRR10034	J10000R2	J10000P2
2-3/8	J10038L	3-1/2	2-3/8	1-3/8	3-1/8	4-3/4	8.06	JRR10034	J10000R2	J10000P2
2-7/16	J10039L	3-9/16	2-3/8	1-3/8	3-3/16	4-7/8	5.82	JRR10034	J10000R2	J10000P2
2-1/2	J10040L	3-5/8	2-3/8	1-3/8	3-1/4	4-7/8	6.02	JRR10034	J10000R2	J10000P2
2-9/16	J10041L	3-5/8	2-3/8	1-3/8	3-5/16	5	6.33	JRR10040	-	-
2-5/8	J10042L	3-3/4	2-3/8	1-1/2	3-7/16	5	6.75	JRR10040	-	-
2-3/4	J10044L	3-7/8	2-3/8	1-3/4	3-1/2	5	7.10	JRR10040	-	-
2-13/16	J10045L	4	2-3/4	1-3/4	3-9/16	5	8.15	-	-	-
2-7/8	J10046L	4	2-3/4	1-3/4	3-9/16	5	8.15	-	-	-
2-15/16	J10047L	4	2-3/4	1-3/4	3-9/16	5	10.00	-	-	-
3	J10048L	4-3/16	2-3/4	2	3-5/8	5	10.30	-	-	-
3-1/8	J10050L	4-3/16	2-3/4	1-15/16	3-5/8	5-1/2	11.84	-	-	-
3-1/4	J10052L	4-17/32	2-3/4	2	3-5/8	5-5/8	13.50	-	-	-
3-3/8	J10054L	4-17/32	2-3/4	2	3-3/4	5-3/4	14.05	-	-	-
3-1/2	J10056L	4-3/4	2-3/4	2-13/64	3-3/4	6	15.85	-	-	-
3-5/8	J10058L	4-55/64	3-1/4	2-1/2	3-7/8	6-1/8	16.95	-	-	-
3-3/4	J10060L	5	3-1/4	2-1/2	3-7/8	6-1/4	18.15	-	-	-
3-7/8	J10062L	5-7/64	3-1/4	2-1/2	3-7/8	6-3/8	18.65	-	-	-
4	J10064L	5-1/4	3-1/4	2-1/2	4	6-1/2	19.40	-	-	-
4-1/8	J10066L	5-3/8	3-1/4	2-19/32	4-1/8	6-3/4	21.30	-	-	-
4-1/4	J10068L	5-17/32	3-1/4	2-3/4	4-1/8	7	23.50	-	-	-
4-1/2	J10072L	5-13/16	3-1/4	2-27/32	4-3/16	7-1/4	26.00	-	-	-

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1" DRIVE DEEP IMPACT SOCKETS - 6 POINT (CONT'D)

MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
27	J10027ML	1-3/4	2	5/8	4	1.82	-	-	-
30	J10030ML	1-31/32	2-1/16	21/32	4	2.10	-	-	-
32	J10032ML	2-1/16	2-1/16	3/4	4	2.24	-	-	-
33	J10033ML	2-1/16	2-1/16	49/64	4	2.30	-	-	-
35	J10035ML	2-1/4	2-7/64	51/64	4	2.34	-	-	-
36	J10036ML	2-1/4	2-7/64	27/32	4	2.50	-	-	-
38	J10038ML	2-1/4	2-7/64	7/8	4	2.78	JRR10028	J10000R1	J10000P1
41	J10041ML	2-1/2	2-15/64	63/64	4	3.10	JRR10034	J10000R2	J10000P2
46	J10046ML	2-3/4	2-27/64	1-1/8	4-1/8	3.84	JRR10034	J10000R2	J10000P2
50	J10050ML	2-63/64	2-27/64	1-3/16	4-1/4	4.04	JRR10034	J10000R2	J10000P2
55	J10055ML	3-1/4	2-27/64	1-21/64	4-1/2	4.94	JRR10034	J10000R2	J10000P2
60	J10060ML	3-1/2	2-27/64	1-25/64	4-3/4	6.04	JRR10034	J10000R2	J10000P2
65	J10065ML	3-45/64	2-47/64	1-33/64	4-7/8	7.05	JRR10040	-	-
70	J10070ML	3-53/64	2-47/64	1-5/8	5	7.62	JRR10040	-	-
75	J10075ML*	4-1/64	2-47/64	1-47/64	5-1/4	10.70	JRR10040	-	-
80	J10080ML*	4-11/64	2-47/64	1-55/64	5-1/2	11.85	JRR10040	-	-

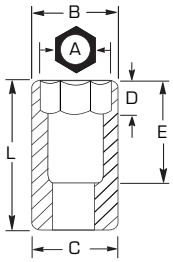
*This size not covered under ASME Standards

ASME B107.110-2012

1" DRIVE IMPACT SOCKETS - 4 POINT

- Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- Tight tolerances for snug fit on fastener.
- Large clearance holes, concentric opening and nut end chamfer make it easy to position socket on fasteners.
- Made from high-strength steel to help minimize wall thickness and provide access to fasteners in recesses and where nuts and bolts protrude.
- Impact sockets are used wherever powered drive tools are used to install or remove fasteners.
- Impact sockets are designed to withstand the high torque and force associated with impact tools in repetitive application.
- Features two through holes and a groove to accept a Proto® Retaining Ring or pin and O-ring to help secure the socket to the drive tool anvil.





INCH	4	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
3/4	J10012SS	1-7/8	2-1/8	5/8	1-3/8	2-1/2	1.57	JRR10028	J10000R1	J10000P
13/16	J10013SS	1-15/16	2-1/8	5/8	1-3/8	2-1/2	1.53	JRR10028	J10000R1	J10000P
7/8	J10014SS	2	2-1/8	5/8	1-3/8	2-1/2	1.52	JRR10028	J10000R1	J10000P
15/16	J10015SS	2-1/16	2-1/8	19/32	1-3/8	2-1/2	1.80	JRR10028	J10000R1	J10000P
1	J10016SS	2-1/8	2-1/8	11/16	1-3/8	2-1/2	1.75	JRR10028	J10000R1	J10000P
1-1/8	J10018SS	2-1/4	2-3/8	23/32	1-3/8	2-1/2	1.80	JRR10028	J10000R1	J10000P
1-1/2	J10024SS	2-5/8	2-5/8	25/32	1-3/8	2-1/2	2.80	JRR10028	J10000R1	J10000P

4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1" DRIVE IMPACT ADAPTERS

- Use adapters to help increase or decrease drive end size.
- Do not use hand adapters with power tools.
- Do not over torque small sockets when using them with adapters on large drive tools.



Product #	INCH	Overall Length (in)	Weight (lbs)
J15007*	1-1/2" F x 1" M	4-3/16	5.03
J07655	3/4" F x 1"M	2-1/2	0.89
J07656	1" F x 3/4" M	2-7/8	1.42
J10004*	1" F x 1-1/2" M	3-1/2	2.64
J09902	#5 SPL. F x 1" SQ. M	4-3/8	2.16

*This size not covered under ASME Standards

ASME B107.110-2012

1" DRIVE IMPACT UNIVERSAL JOINT

- Tight tolerances for snug fit on fastener.
- Used wherever powered drive tools are used to install or remove fasteners.
- Designed to withstand the high torque and force associated with impact tools in repetitive application.
- Features two through holes and a groove to accept a Proto® Retaining Ring or pin and O-ring to help secure the socket to the drive tool anvil.
- Position at appropriate angle to turn fasteners where obstructions prevent a straight application.
- Ball design which allows for a 30° working angle.
- Smooth 360° rotation.



Product #	Overall Length (in)	Weight (lbs)
J10670A	4-19/32	3.98

ASME B107.110-2012

1" DRIVE BUDD WHEEL DEEP IMPACT SOCKET - 6 POINT

- Double opening: 13/16" square threads studs onto wheel, 1-1/2" hex tightens lug nuts.



INCH	6	Nut End Outside Diameter (in)	Drive End Outside Diameter (in)	Overall Length (in)	Weight (lbs)
1-1/2	J10024LS	2-3/8	2-3/8	4	2.96

1" DRIVE IMPACT EXTENSIONS

- Use extensions to gain access to fasteners in locations that would otherwise be difficult to reach.
- Male square is oriented in-line with female squares for use with fixed head torque wrenches.
- Full chamfer at drive opening (when applicable) for easy engagement with drive tools.
- Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- Stamped size for easy reference.
- Side locking hole.



Product #	Overall Length (in)	Weight (lbs)
J10608*	10	4.49
J10609	13	5.81

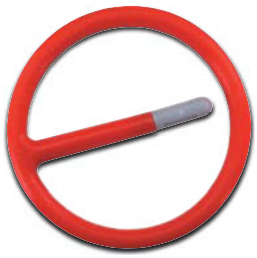
*This size not covered under ASME Standards

ASME B107.110-2012



1" DRIVE RETAINING RINGS

- Large drive size crush gauge retaining ring.
- Part numbers are embossed on the rings near the point at which the pin and ring meet.



Product #	Description	For Groove Dia. (in)	Diameter (in)	Height (in)	Weight (lbs)
JRR10028	Retaining Ring 1" DR 1-3/4" Groove	1-3/4	1-15/16	3/16	0.01
JRR10032	Retaining Ring 1" DR 2" Groove	2	2-3/16	3/16	0.01
JRR10034	Retaining Ring 1" DR 2-1/8" Groove	2-1/8	2-5/16	3/16	0.02
JRR10036	Retaining Ring 1" DR 2-1/4" Groove	2-1/4	2-7/16	3/16	0.02
JRR10040	Retaining Ring 1" DR 2-1/2" Groove	2-1/2	2-11/16	3/16	0.02
JRR10042	Retaining Ring 1" DR 2-5/8" Groove	2-5/8	2-13/16	3/16	0.02

1" DRIVE O-RINGS

- J10000R1 - "O" ring for impact sockets with a 1" drive.
- Use with:
  - J10012 thru J10023
  - J10019M thru J10036M
  - J10012SS thru J10018SS
  - J100185, J10017-LT, J10020-LT, J10607, J10608, J10609

Product #	Weight (lbs)
J10000R1	0.01
J10000R2	0.01

- J10000R2 - "O" ring for impact sockets with a 1" drive.
- Use with:
  - J10024 thru J10072
  - J10041M thru J10065M
  - J10024L thru J10044L
  - J10024LS, J10670, J10004, J10005



1" DRIVE RETAINING PINS

- J10000P1 - Use for a variety of impact sockets and attachments.
- Use with:
  - J10012 thru J10023
  - J10019M thru J10036M
  - J10012SS thru J10018SS
  - J100185, J10017-LT, J10020-LT, J10607, J10608, J10609

Product #	Weight (lbs)
J10000P1	0.02
J10000P2	0.02

- J10000P2 - Use for a variety of impact sockets and attachments.
- Use with:
  - J10024 thru J10072
  - J10041M thru J10065M
  - J10024L thru J10044L
  - J10024LS, J10670, J10004, J10005

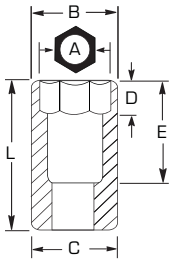


4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1 - 1/2" DRIVE IMPACT SOCKETS - 6 POINT

- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Stamped size for easy reference.
- Side locking hole.





TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring
1-3/8	J15022	2-19/32	3-1/4	7/8	1-1/2	3-1/8	4.69	JRR15046
1-9/16	J15025	2-3/4	3-1/4	31/32	1-1/2	3-1/8	4.78	JRR15046
1-5/8	J15026	2-7/8	3-1/4	31/32	1-1/2	3-1/8	4.91	JRR15046
1-13/16	J15029	3	3-1/4	1-1/8	1-21/32	3-11/32	5.00	JRR15046
1-7/8	J15030	3	3-1/4	1-3/16	1-45/64	3-11/32	5.33	JRR15046
1-15/16	J15031	3	3-1/4	1-1/8	2	3-5/8	5.33	JRR15046
2	J15032	3-1/4	3-1/4	1-1/4	1-13/32	3-5/8	5.65	JRR15046
2-1/8	J15034	3-1/2	3-1/4	1-11/32	1-43/64	3-5/8	6.68	JRR15054
2-3/16	J15035	3-1/2	3-1/4	1-3/8	1-21/32	3-5/8	6.47	JRR15054
2-1/4	J15036	3-1/2	3-1/4	1-1/2	1-3/4	3-3/4	7.98	JRR15054
2-5/16	J15037	3-1/2	3-1/4	1-1/2	1-53/64	3-7/8	7.93	JRR15054
2-3/8	J15038	3-1/4	3-1/4	1-9/16	1-55/64	3-7/8	7.90	JRR15054
2-9/16	J15041	3-3/4	3-1/4	1-5/8	1-29/32	4	8.92	JRR15054
2-5/8	J15042	4-1/8	3-1/4	1-5/8	2	4-1/8	8.84	JRR15054
2-3/4	J15044	4-1/4	3-1/4	1-3/4	2-5/64	4-1/4	10.03	JRR15054
2-7/8	J15046	4-1/2	3-1/4	1-7/8	2-11/64	4-3/8	11.36	JRR15054
2-15/16	J15047	4-1/2	3-1/4	2	2-17/16	4-1/2	11.24	JRR15054
3-1/8	J15050	4-3/4	3-1/4	2	2-23/64	4-5/8	12.42	JRR15054
3-1/4	J15052	5	3-1/4	2	2-35/64	4-23/32	14.08	JRR15054
3-5/16	J15053	5	3-1/4	2	2-31/64	4-23/32	13.79	JRR15054
3-3/8	J15054	5	3-1/4	2	2-33/64	4-23/32	13.67	JRR15054
3-7/16	J15055	5	3-1/4	2	2-39/64	4-31/32	13.44	-
3-1/2	J15056	5-1/8	3-1/4	2-1/4	2-37/64	4-31/32	14.46	-
3-5/8	J15058	5-1/8	3-1/4	2-1/4	2-35/64	5	14.73	-

*This size not covered under ASME Standards

ASME B107.110-2012



1-1/2" DRIVE IMPACT SOCKETS - 6 POINT (CONT'D)

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring
3-11/16	J15059	5-1/8	3-1/4	2-1/4	2-33/64	5	14.67	-
3-3/4	J15060	5-1/2	3-1/4	2-1/4	2-1/2	5	16.75	-
3-13/16	J15061	5-1/2	3-1/4	2-1/4	2-31/64	5	19.49	-
3-7/8	J15062	5-1/2	3-1/4	2-1/4	2-31/32	5-1/2	18.70	-
3-15/16	J15063	5-3/4	3-1/4	2-1/2	2-15/16	5-1/2	21.33	-
4	J15064	5-3/4	3-1/4	2-1/2	2-59/64	5-1/2	20.66	-
4-1/16	J15065	5-3/4	3-1/4	2-3/4	2-29/32	5-1/2	20.25	-
4-1/8	J15066	6	3-1/4	2-3/4	3-1/8	5-3/4	26.72	-
5	J15067	6-11/16	3-3/4	3-1/8	4-5/8	6-1/4	26.17	-
4-1/4	J15068	6	3-1/4	2-3/4	3-5/64	5-3/4	27.05	-
4-5/16	J15069	6	3-1/4	2-3/4	3-1/16	5-3/4	27.66	-
4-3/8	J15070	6-1/4	3-1/4	2-3/4	3-3/64	5-3/4	28.23	-
4-7/16	J15071	6-1/4	3-1/4	3	3-17/64	6	18.63	-
4-1/2	J15072	6-1/4	3-1/4	3	3-1/4	6	28.40	-
4-5/8	J15074	6-1/2	3-1/4	3	3-15/32	6-1/4	29.98	-
4-3/4	J15076	6-1/2	3-1/4	3	3-27/64	6-1/4	30.15	-
5	J15080*	6-3/4	3-1/2	3	3-1/2	6-3/4	25.16	-

*This size not covered under ASME Standards

ASME B107.110-2012

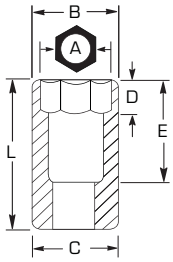
MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
36	J15036M	2-3/4	3-1/4	7/8	1-3/8	3-3/16	4.73	JRR10034	J10000R2	J10000P2
60	J15060M	3-5/8	3-5/8	1-3/8	2-3/8	4	8.71	-	-	-
65	J15065M	3-7/8	3-7/8	1-1/2	2-1/2	4-3/16	8.75	-	-	-
70	J15070M	4-1/16	3-3/4	1-5/8	2-3/4	4-3/8	9.72	-	-	-
75	J15075M	4-5/16	3-3/4	1-3/4	2-7/8	4-1/2	11.04	-	-	-
80	J15080M	4-11/16	3-3/4	2	2-3/4	4-3/4	12.60	-	-	-
85	J15085M	4-15/16	3-3/4	2	3-1/4	4-15/16	14.00	-	-	-
90	J15090M	5-3/16	3-3/4	2-1/4	3-3/8	5-3/16	15.20	-	-	-

4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

1 - 1/2" DRIVE DEEP IMPACT SOCKETS - 6 POINT

- Proto® 6 Point Impact Sockets are ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- Stamped size for easy reference.
- Side locking hole.





TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

1-1/2" DRIVE DEEP IMPACT SOCKETS - 6 POINT (CONT'D)

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)	Crush Retaining Ring	O-Ring	Retaining Pin
2-5/8	J15042L	4-1/8	3-1/4	2-5/32	3-57/64	6	11.59	JRR15054	-	-
3-1/8	J15050L	4-3/4	3-1/4	2-37/64	4-5/64	6-3/8	18.89	JRR15054	-	-
3-9/16	J15057L	5-1/8	3-1/4	2-15/16	4-5/16	6-3/4	17.24	-	-	-
3-7/8	J15062L	5-1/2	3-1/4	3-3/16	4-7/32	6-3/4	27.36	-	-	-

*This size not covered under ASME Standards

ASME B107.110-2012

1 - 1/2" DRIVE IMPACT EXTENSIONS

- Drive end chamfer and four detents help provide quick positive engagement with drive tool on any of the socket drive walls.
- Tight tolerances for snug fit on fastener.
- Large clearance holes, concentric opening and nut end chamfer make it easy to position socket on fasteners.
- Made from high-strength steel to help minimize wall thickness and provide access to fasteners in recesses and where nuts and bolts protrude.
- Impact sockets are used wherever powered drive tools are used to install or remove fasteners.
- Impact sockets are designed to withstand the high torque and force associated with impact tools in repetitive application.
- Use extensions to gain access to fasteners in locations that would otherwise be difficult to reach.
- Male square is oriented in line with female squares for use with fixed head torque wrenches.
- Full chamfer at drive opening (when applicable) for easy engagement with drive tools.



Product #	Overall Length (in)	Weight (lbs)
J15097P	8	9.17
J15098P	12	12.66
J15099P	15	15.58

1 - 1/2" DRIVE IMPACT ADAPTERS

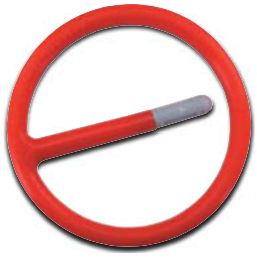
- Use adapters to help increase or decrease drive end size.
- Do not use hand adapters with power tools.
- Do not over torque small sockets when using them with adapters on large drive tools.



Product #	INCH	Overall Length (in)	Weight (lbs)
J15007	1-1/2" F x 1" M	4-3/16	5.03
J10004	1" F x 1-1/2" M	3-1/2	2.64

1 - 1/2" DRIVE RETAINING RINGS

- Large drive size crush gauge retaining ring.
- Part numbers are embossed on the rings near the point at which the pin and ring meet.



Product #	Description	For Groove Dia. (in)	Diameter (in)	Height (in)	Weight (lbs)
JRR15046	Retaining Rlng, CG 1-1/2" DR 2-7/8 Groove	2-7/8	3-3/8	1/4	0.03
JRR15054	Retaining Rlng, CG 1-1/2" DR 3-3/8 Groove	3-3/8	3-7/8	1/4	0.03
JRR15062	Retaining Rlng, CG 1-1/2" DR 3-7/8 Groove	3-7/8	4-3/8	1/4	0.04
JRR15070	Retaining Rlng, CG 1-1/2" DR 4-3/8 Groove	4-3/8	4-7/8	1/4	0.04

1 - 1/2" DRIVE IMPACT UNIVERSAL JOINT

- Tight tolerances for snug fit on fastener.
- Used wherever powered drive tools are used to install or remove fasteners.
- Designed to withstand the high torque and force associated with impact tools in repetitive application.
- Features two through holes and a groove to accept a Proto® Retaining Ring or pin and O-ring to help secure the socket to the drive tool anvil.
- Position at appropriate angle to turn fasteners where obstructions prevent a straight application.
- Ball design which allows for a 30° working angle.
- Smooth 360° rotation.



Product #	Overall Length (in)	Weight (lbs)
J15670A	6-19/64	9.35

4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

#5 SPLINE DRIVE IMPACT ADAPTERS - MALE SQUARE

- Use adapters to help increase or decrease drive end size.
- Do not use hand adapters with power tools.
- Do not over torque small sockets when using them with adapters on large drive tools.

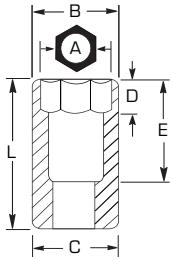


Product #	SPL x INCH	Overall Length (in)	Weight (lbs)
J09902	#5 SPL. F x 1" SQ. M	4-3/8	2.16

#5 SPLINE DRIVE IMPACT SOCKETS - 6 POINT

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





TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1-5/8	J09926	2-3/4	2-3/8	1-1/64	1-1/64	3-5/8	2.94
1-11/16	J09927	2-15/16	2-3/8	1-27/64	2-1/8	3-5/8	2.95
1-13/16	J09929	3-1/8	2-3/8	1-1/8	1-27/64	3-7/16	3.27
2	J09932	3-1/4	2-3/8	1-1/4	1-15/32	3-17/32	3.66
2-3/16	J09935	3-1/2	2-3/8	1-3/8	1-39/64	3-3/4	4.28
2-1/4	J09936	3-1/2	2-3/8	1-1/2	1-23/32	4-3/16	4.52
2-3/8	J09938	3-3/4	2-3/8	1-11/16	2-7/16	3-57/64	4.80
2-3/4	J09944	4-1/4	2-3/8	1-3/4	1-59/64	4-1/4	6.89
3	J09948	4-1/2	2-3/8	2	2-13/64	4-39/64	7.93

*This size not covered under ASME Standards

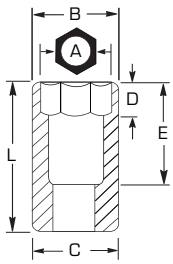
ASME B107.110-2012



1/4" DRIVE HIGH STRENGTH MAGNETIC IMPACT SOCKETS - 6 POINT

- ProtoGrip™ Magnetic Sockets use high strength magnets made from a rare earth magnet alloy/nylon blend.
- ProtoGrip™ Magnetic Sockets require no bushings to hold the magnet in place. Allows room for more magnet material, helping increase total magnetic strength.
- Designed to easily pick up heavy fasteners and hold them tightly during use.
- Strong magnetic hold helps increase efficiency when installing fasteners in awkward or hard-to-reach locations.
- Impact sockets with high impact strength are used in automated and hand impact socket applications.
- Size stamped on tool for easy identification.





INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Overall Length (in) (L)	Weight (lbs)
1/4	J6908HF	25/64	1/2	11/64	7/8	0.04
5/16	J6910HF	1/2	1/2	13/64	59/64	0.04
3/8	J6912HF	9/16	9/16	15/64	15/16	0.05
1/2	J6916HF	11/16	11/16	1/4	1	0.07

ASME B107.2

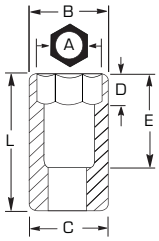
MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Overall Length (in) (L)	Weight (lbs)
7	J6907MHF	25/64	1/2	7/64	15/16	0.04
8	J6908MHF	1/2	1/2	1/8	15/16	0.04
10	J6910MHF	9/16	9/16	5/32	15/16	0.05

ASME B107.33M

4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

3/8" DRIVE HIGH STRENGTH MAGNETIC IMPACT SOCKETS - 6 POINT





INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Overall Length (in) (L)	Weight (lbs)
1/4	J7208HF*	7/16	11/16	11/64	1-3/32	0.07
5/16	J7210HF	1/2	11/16	3/16	1-3/32	0.08
3/8	J7212HF	39/64	11/16	15/64	1-3/32	0.08
7/16	J7214HF	11/16	11/16	1/4	1-3/32	0.08
1/2	J7216HF	3/4	3/4	9/32	1-3/32	0.08
9/16	J7218HF	13/16	13/16	21/64	1-3/32	0.12
5/8	J7220HF	29/32	29/32	23/64	1-7/32	0.16

*This size not covered under ASME Standards

ASME B107.110-2012

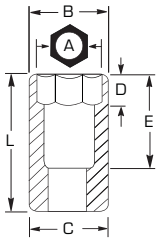
MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Overall Length (in) (L)	Weight (lbs)
8	J7208MHF	1/2	11/16	11/64	1-3/32	0.07
10	J7210MHF	5/8	11/16	7/32	1-9/64	0.08
11	J7211MHF	11/16	11/16	17/64	1-9/64	0.08
12	J7212MHF	47/64	47/64	9/32	1-9/64	0.09
13	J7213MHF	3/4	3/4	19/64	1-13/64	0.10
14	J7214MHF	13/16	13/16	21/64	1-13/64	0.12
15	J7215MHF	55/64	55/64	21/64	1-13/64	0.14
17	J7217MHF	1	1	25/64	1-1/4	0.20
18	J7218MHF	1-1/32	1-1/32	25/64	1-1/4	0.21

*This size not covered under ASME Standards

ASME B107.110-2012

1/2" DRIVE HIGH STRENGTH MAGNETIC IMPACT SOCKETS - 6 POINT





INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Overall Length (in) (L)	Weight (lbs)
3/8	J7412HF	47/64	15/16	15/64	1-1/2	0.18
1/2	J7416HF	25/32	15/16	17/64	1-1/2	0.19
9/16	J7418HF	7/8	15/16	21/64	1-1/2	0.20
5/8	J7420HF	1	1	25/64	1-1/2	0.23

ASME B107.110-2012



ABOUT POWER SOCKETS

VERY DIFFERENT SOCKETS FOR VERY DIFFERENT PURPOSES

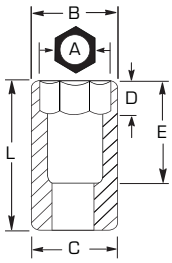
Power sockets are designed for power nut runners, multi-spindle machines and angle head nut drivers, which are low impact power tools. Even though the power sockets are offered in a black finish, they are not compatible with impact tools.

Power sockets are heat-treated to a higher hardness than either impact or hand sockets. This high hardness is ideal for long wear on assembly lines, but their brittleness makes them vulnerable to shattering when fitted to an impact wrench.

1/4" DRIVE HIGH STRENGTH MAGNETIC POWER SOCKETS - 6 POINT

- ProtoGrip™ Magnetic Sockets use high strength magnets made from a rare earth magnet alloy/nylon blend.
- ProtoGrip™ Magnetic Sockets require no bushings to hold the magnet in place. Allows room for more magnet material, helping increase total magnetic strength.
- Designed to easily pick up heavy fasteners and hold them tightly during use.
- Strong magnetic hold helps increase efficiency when installing fasteners in awkward or hard-to-reach locations.
- Size stamped on tool for easy identification.





INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Overall Length (in) (L)	Weight (lbs)
1/4	J6908PF	25/64	1/2	11/64	7/8	0.03
5/16	J6910PF	1/2	1/2	13/64	15/16	0.04
3/8	J6912PF	9/16	9/16	15/64	15/16	0.05
1/2	J6916PF	11/16	11/16	1/4	1	0.08

MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Overall Length (in) (L)	Weight (lbs)
10	J6910MPF	9/16	9/16	7/32	15/16	0.05

LOCKING ADAPTER (MALE TO MALE)

Product #: J4759BL

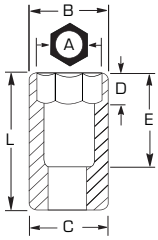
Product #	Drive Size (in)	Finish	Overall Length (in)	Weight (lbs)
J4759BL	1/4	Black Oxide	2-1/2	0.07



4 4 POINT · 6 6 POINT · 8 8 POINT · 12 12 POINT · SPL SPLINE · TORX® · HEX HEX · BLACK OXIDE

3/8" DRIVE HIGH STRENGTH MAGNETIC POWER SOCKETS - 6 POINT





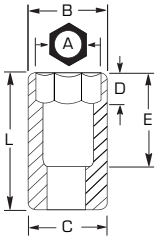
- ProtoGrip™ Magnetic Sockets use high strength magnets made from a rare earth magnet alloy/nylon blend.
- ProtoGrip™ Magnetic Sockets require no bushings to hold the magnet in place. This allows room for more magnet material, helping increase total magnetic strength.
- Designed to easily pick up heavy fasteners and hold them tightly during use.
- Strong magnetic hold helps increase efficiency when installing fasteners in awkward or hard-to-reach locations.
- Impact sockets with high impact strength are used in automated and hand impact socket applications.
- Socket size stamped on tool for easy identification.
- Side locking hole.

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Overall Length (in) (L)	Weight (lbs)
5/16	J7210PF	1/2	11/16	3/16	1-3/32	0.08
3/8	J7212PF	39/64	11/16	15/64	1-3/32	0.09
7/16	J7214PF	11/16	11/16	1/4	1-3/16	0.08
1/2	J7216PF	3/4	3/4	9/32	1-3/16	0.10
9/16	J7218PF	13/16	13/16	21/64	1-3/16	0.11

MM	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Overall Length (in) (L)	Weight (lbs)
10	J7210MPF	5/8	11/16	7/32	1-9/64	0.08

1/2" DRIVE HIGH STRENGTH MAGNETIC POWER SOCKETS - 6 POINT



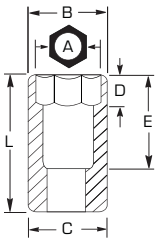


INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Overall Length (in) (L)	Weight (lbs)
7/16	J7414PF	47/64	15/16	1/4	1-1/2	0.18
1/2	J7416PF	51/64	15/16	17/64	1-1/2	0.20

1/2" DRIVE POWER SOCKET - 6 POINT

COTTON PICKER SOCKET





- Removes and replaces spindles on cotton pickers.

INCH	6	Nut End Outside Diameter (in) (B)	Drive End Outside Diameter (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
1-1/8	J7336CPB	1-9/16	1-9/16	5/8	5-7/64	5-49/64	1.67

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ACCESSIBILITY + ACCURACY =
PRECISION TORQUE

From torque tools to testers, PROTO® offers a complete range of solutions to help deliver accuracy and safety in industrial environments.

BREADTH OF LINE



Micrometer
Torque Wrenches



Electronic
Torque Wrenches



Torque Adapters



Torque Multipliers



Dial
Torque Wrenches



Torque Testers



and more

TORQUE WRENCH CERTIFICATION OPTIONS

All Proto micrometer torque wrenches are certified and calibrated mechanically in the horizontal position with CXCERT versions including documents traceable to N.I.S.T.

Proto® Calibration

Designation	C	CXCERT
Standard	ASME B107.14-2004	T.O.33K6-4-2193-1
Accuracy	CW +/- 4% CCW +/- 6%	CW +/- 4% CCW +/- 6%
Calibration Technique	Mechanical Load Horizontal Position	Mechanical Load Horizontal Position



FIXED HEAD MICROMETER TORQUE WRENCHES - IN-LBS

- Full polish wrenches meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance.
- Calibrated to +/- 4% clockwise direction and +/- 6% and counter clockwise direction at 20% to 100% of full scale.
- Calibration is accomplished by mechanical loading of each wrench in a horizontal position and performing at 20%, 60%, and 100% of maximum instrument capacity.
- Manufactured to meet precision/highly accurate applications such as military and aerospace.
- Certification documents are traceable to N.I.S.T. (National Institute of Technology) (CXCERT only).



C Series	CXCERT Series	Drive Size (in)	Torque Range (in-lbs)	Increments (in-lbs)	Head Width (in)	Head Depth (in)	Overall Length (in)	Weight (lbs)	Storage Case
J6061C	J6061CXCERT	1/4	40-200	1	25/32	3/4	11-45/64	2.60	NA649891
J6063C	J6063CXCERT	3/8	40-200	1	25/32	7/8	11-45/64	2.60	NA649891
J6065C	J6065CXCERT	3/8	200-1000	5	55/64	7/8	15-13/64	3.00	NA649891

SAE AS28431B ASME B107.300-2010

FIXED HEAD MICROMETER TORQUE WRENCHES - FT-LBS

- Full polish wrenches meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance.
- Calibrated to +/- 4% in clockwise direction and +/- 6% counter clockwise direction at 20% to 100% of full scale.
- Manufactured to meet standard industrial torque applications, general industry, heavy equipment, and maintenance.
- Calibration is accomplished by mechanical loading of each wrench in a horizontal position and performing at 20%, 60%, and 100% of maximum instrument capacity.



Product #	Drive Size (in)	Torque Range (ft-lbs)	Increments (ft-lbs)	Head Width (in)	Head Depth (in)	Overall Length (in)	Weight (lbs)	Storage Case
J6005C	3/8	16-80	0.50	55/64	7/8	15-13/54	3.00	NA649892
J6013C	1/2	50-250	1	1-1/8	1-7/32	26-23/32	5.90	NA649894
J6015C	1/2	30-150	1	1-1/8	1-7/32	21-1/8	5.00	NA649894
J6017B	3/4	120-600	2	1-7/8	1-7/8	41-11/64	15.50	NA649895

SAE AS28431B ASME B107.300-2010

FIXED HEAD MICROMETER TORQUE WRENCH 200-1000 FT-LBS

- Includes an extension handle.
- Torque wrench is 40" long. Weight and over all length are for torque wrench with the extension handle.
- Packaged in a metal box for easy storage.
- Calibrated ±4% of torque reading clockwise and ±6% counter clockwise at 20% to 100% of full scale.
- Certified wrenches to ±2% one direction are available upon request.



Product #	Drive Size (in)	Torque Range (ft-lbs)	Increments (ft-lbs)	Head Width (in)	Head Depth (in)	Overall Length (in)	Weight (lbs)
J6023	1	200-1000	5	1-7/8	2-1/4	69	24.50

JIS B4650 ISO 6789 TO33K6-4-2193-1 AS28431 ASME B107.14M

FIXED HEAD MICROMETER TORQUE WRENCH 300-1800 FT-LBS

- High Capacity Torque Wrench with Large Dial for clear readability.
- Calibrated ±4% of torque reading clockwise at 20% to 100% of full scale.
- Indicator Light and audible notification when targeted torque reached.
- Torque wrench is 28.5" long. Overall length highlights torque wrench assembled with both extension handles.



Product #	Drive Size (in)	Torque Range (ft-lbs)	Torque Range (Nm)	Increments (ft-lbs)	Increments (Nm)	Overall Length (in)	Weight (lbs)
J6024	1	300-1800	500-2500	10	100	127	17.6

JIS B4650 ISO 6789 TO33K6-4-2193-1 AS28431 ASME B107.14M

RATCHETING HEAD MICROMETER TORQUE WRENCHES - IN-LBS

- Calibrated to +/- 4% clockwise direction and +/- 6% and counter clockwise direction at 20% to 100% of full scale.
- Calibration is accomplished by mechanical loading of each wrench in a horizontal position and performing at 20%, 60%, and 100% of maximum instrument capacity.
- Manufactured to meet precision/highly accurate applications such as military and aerospace.
- Certification documents are traceable to N.I.S.T. (National Institute of Technology) (CXCERT only).



J6060B



J6064C

C Series	CXCERT Series	Drive Size (in)	Torque Range (in-lbs)	Increments (in-lbs)	Head Width (in)	Head Depth (in)	Overall Length (in)	Weight (lbs)	Storage Case	Repair Kit
J6060B*	–	1/4	10-50	1	1-1/16	7/8	9-1/2	1.20	NA649891	J6062RK
J6062C	J6062CXCERT	1/4	40-200	1	1-1/32	3/4	11-7/8	2.60	NA649891	J6062RK
J6064C	J6064CXCERT	3/8	40-200	1	1-1/32	7/8	11-7/8	2.60	NA649891	J6064RK
J6066C	J6066CXCERT	3/8	200-1000	5	1-7/16	1-1/64	15-1/2	3.00	NA649892	J6006RK
J6068C	–	1/2	360-1800	10	1-7/8	1-13/32	21-1/2	5.00	NA649894	J6014RK
J6072C	J6072CXCERT	1/2	600-3000	10	1-7/8	1-13/32	27-1/8	5.90	NA649894	J6014RK

*Quick Release Head Design

ASME B107.14M

RATCHETING HEAD MICROMETER TORQUE WRENCHES - FT-LBS

- Calibrated to +/- 4% clockwise direction and +/- 6% and counter clockwise direction at 20% to 100% of full scale.
- Calibration is accomplished by mechanical loading of each wrench in a horizontal position and performing at 20%, 60%, and 100% of maximum instrument capacity.
- Manufactured to meet precision/highly accurate applications such as military and aerospace.
- Certification documents are traceable to N.I.S.T. (National Institute of Technology) (CXCERT only).



C Series	CXCERT Series	Drive Size (in)	Torque Range (ft-lbs)	Increments (ft-lbs)	Head Width (in)	Head Depth (in)	Overall Length (in)	Weight (lbs)	Storage Case	Repair Kit
J6006C	J6006CXCERT	3/8	16-80	0.50	1-7/16	1-1/64	15-1/2	3.00	NA649892	J6062RK
J6012C	–	3/8	20-100	0.50	1-7/16	1-1/64	17	3.30	NA649892	J6062RK
J6008C	J6008CXCERT	1/2	16-80	0.50	1-7/16	1-7/32	15-1/2	3.00	NA649892	J6064RK
J6016C	J6016CXCERT	1/2	30-150	1	1-7/8	1-13/32	21-1/2	5.00	NA649894	J6014RK
J6014C	J6014CXCERT	1/2	50-250	1	1-7/8	1-13/32	27-1/8	5.90	NA649894	J6014RK
J6018AB	J6018CXCERT	3/4	60-300	2	2-5/8	2-1/16	32-23/32	14.00	NA649895	J6018RK
J6020AB	J6020CXCERT	3/4	120-600	2	2-5/8	2-1/16	41-9/16	15.50	NA649895	J6018RK
J6022B	–	1	140-700	2	2-5/8	2-5/16	46-27/32	20.50	NA649895	J6022RK

ASME B107.14M

RATCHETING HEAD MICROMETER TORQUE WRENCHES - NM

- Calibrated to +/- 4% clockwise direction and +/- 6% counter clockwise direction at 20% to 100% of full scale.
- Calibration is accomplished by mechanical loading of each wrench in a horizontal position and performing at 20%, 60%, and 100% of maximum instrument capacity.
- Manufactured to meet standard industrial torque applications, general industry, heavy equipment, and maintenance.



Product #	Drive Size (in)	Torque Range (Nm)	Increments (Nm)	Torque Range (ft-lbs)	Increments (ft-lbs)	Head Width (in)	Head Depth (in)	Overall Length (in)	Weight (lbs)	Storage Case	Repair Kit
J6006MC	3/8	16-80	0.5	–	–	1-7/16	1-1/64	15-1/2	3.00	NA649892	J6006RK
J6016MC	1/2	40-200	1	–	–	1-7/8	1-13/32	21-1/2	5.00	NA649894	J6014RK
J6014MC	1/2	70-350	1	–	–	1-7/8	1-13/32	27-1/8	5.90	NA649894	J6014RK
J6020NM	3/4	160-800	4	–	–	2-5/8	2-1/16	41-9/16	15.50	NA649895	J6018RK

PROTO® ROUND FLEX HEAD MICROMETER TORQUE WRENCHES

- Round Head design with Reversible 72 tooth ratcheting mechanism.
- Calibrated to +-4% clockwise and +-6% counter clockwise accuracy.



Product #	Drive Size (in)	Torque Range (Ft-lbs)	Overall Length (in)	Weight (lbs)
J6012FC	3/8	10-100	16-1/2	3.3
J6014FC	1/2	30-250	25-1/2	4.1

TORQUE SCREWDRIVERS

- Calibrated to ± 6% of torque reading, clockwise at 20% to 100% of full scale.
- Slipping clutch release to prevent overtorque.
- Lock ring.
- Laser marked easy-to-read scale.



Product #	Drive Size (in)	Torque Range (in-lbs)	Increments (in-lbs)	Width (in)	Height (in)	Overall Length (in)	Weight (lbs)
J6106B	10	7-36	1	1-1/4	1-1/4	6-1/2	1.00

ASME B107.14M

PROTO® DIRECT READ MICROMETER TORQUE WRENCHES

- Magnification window for easy readout and setting torque values.
- Durable square handle profile prevents rolling.
- Sealed body to eliminate dust and debris.
- +/-4% accuracy to ASME specification



Product #	Drive Size (in)	Torque Range (ft-lbs)	Overall Length (in)	Weight (lbs)
J6004DR	3/8	7-35	15-1/16	2.4
J6006DR	3/8	15-75	17-1/2	2.7
J6016DR	1/2	30-150	20-43/64	3.55
J6014DR	1/2	50-250	26-17/64	4.4

ASME B107.14M

DIAL TORQUE WRENCHES - IN-LBS/CM-KG

- Accurate to ± 4% of torque reading in both directions at 20% to 100% of full scale.
- Industrial all steel or aluminum torque transfer components.
- High alloy torsion drive design — accuracy not effected by hand position.
- Dual scale (English/Metric) with clockwise and counterclockwise operation — fewer wrenches needed to complete job.
- Memory needles are standard on all wrenches except electric light models.
- Easy-to-read, high contrast scale.
- Laser marked serial number for traceability.
- N.I.S.T. (National Institute of Standards and Technology) traceable CW certification supplied with each wrench.



Product #	Drive Size (in)	Torque Range (metric)	Torque Range (in-lbs)	Increments (in-lbs)	Overall Length (in)	Weight (lbs)
J6168F	1/4	7-35 cm kg	6-30	0.5	10	1.00
J6169F	1/4	18-90 cm kg	15-75	1	10	1.40
J6177F	3/8	56-280 cm kg	50-250	5	10	1.30
J6181F	3/8	140-700 cm kg	120-600	10	10	2.20

JIS B4650 ISO 6789 ASME B107.14M

DIAL TORQUE WRENCHES - NM/IN-LBS, FT-LBS

- Accurate to ± 4% of torque reading in both directions at 20% to 100% of full scale.
- Industrial all steel or aluminum torque transfer components.
- High alloy torsion drive design — accuracy not effected by hand position.
- Dual scale (Metric/English) with clockwise and counterclockwise operation — fewer wrenches needed to complete job.
- Memory needles are standard on all wrenches except electric light models.
- Easy-to-read, high contrast scale.
- Laser marked serial number for traceability.
- N.I.S.T. (National Institute of Standards and Technology) traceable CW certification supplied with each wrench.



Product #	Drive Size (in)	Torque Range (ft-lbs)	Torque Range (in-lbs)	Torque Range (Nm)	Increments (Nm)	Overall Length (in)	Weight (lbs)
J6169NMF	1/4	–	18-90	2-10	0.2	10	1.30
J6113NMF	3/8	10-50	–	14-70	2	14-7/8	2.10
J6121NMF	1/2	35-175	–	50-250	5	21-1/2	4.00

ASME B107.14M



DIAL TORQUE WRENCHES - FT-LBS/MKG

- Accurate to ± 4% of torque reading in both directions at 20% to 100% of full scale.
- Industrial all steel or aluminum torque transfer components.
- High alloy torsion drive design — accuracy not effected by hand position.
- Dual scale (English/Metric) with clockwise and counterclockwise operation — fewer wrenches needed to complete job.
- Memory needles are standard on all wrenches except electric light models.
- Easy-to-read, high contrast scale.
- Laser marked serial number for traceability.
- N.I.S.T. (National Institute of Standards and Technology) traceable CW certification supplied with each wrench.





Product #	Drive Size (in)	Torque Range (metric)	Torque Range (ft-lbs)	Increments (ft-lbs)	Overall Length (in)	Weight (lbs)
J6113F	3/8	1.4-7 mkg	10-50	1	10-1/4	2.20
J6121F	1/2	5-24 mkg	35-175	5	21-1/2	4.00
J6125F	1/2	7-35 mkg	50-250	5	21-1/2	3.80
J6134F	3/4	–	70-350	10	27-7/8	7.10
J6133F†	3/4	16-80 mkg	120-600	10	46-1/2	9.90
J6141F†	1	28-140 mkg	200-1000	20	74-1/4	27.00
J6149F††	1	56-280 mkg	400-2000	40	110-3/4	48.00

†Includes one removable extension handle

††Includes five removable extension handles with electric LED and buzzer

JIS B4650 ISO 6789 ASME B107.14M

PROTO® DIGITAL READ MICROMETER TORQUE WRENCHES

- Easy read LCD screen for fast and accurate setting with multi-unit support.
- Mechanical and familiar micrometer click.
- Locking collar locks grip to keep set value.
- Anti-roll design with rubberized grip.
- Replaceable AAA batteries included.
- +/-4% accuracy to ASME specification.



Product #	Drive Size (in)	Torque Range (ft-lbs)	Overall Length (in)	Weight (lbs)
J6004D	3/8	8-40	16-5/16	4.95
J6006D	3/8	15-75	18-1/8	5.15
J60016D	1/2	30-150	21-1/4	6.05
J6014D	1/2	50-250	26-3/16	6.55

ASME B107.14M

ELECTRONIC TORQUE WRENCHES - FT-LBS

- LCD screen with visual alert lights and audible tone.
- Measuring units: Nm, ft-lb, in-lb, and kg-cm.
- Accurate to +/-2% CW and +/- 3% CCW of torque reading at 20% to 100%.
- Operation modes include Peak or Follow mode.
- 9 presets available.
- 36-tooth ratcheting head.
- Data memory size of 50.
- Includes blow mold case, 2x AA batteries and calibration certificate.



Product #	Drive Size (in)	Torque Range (ft-lbs)	Increments (ft-lbs)	Torque Range (in-lbs)	Increments (in-lbs)	Width (in)	Height (in)	Overall Length (in)	Weight (lbs)	Battery Type
J6012E	3/8	5-99	0.10	60-1188	1	1-41/34	1-41/64	16-19/64	4.30	AA
J6014E	1/2	12.5-250	0.10	150-3000	1	1-41/34	1-41/64	25-19/32	6.40	AA

ASME B107.28

ELECTRONIC FLEX HEAD TORQUE WRENCHES - FT-LBS

- LCD screen with visual alert lights and audible tone.
- Measuring units: Nm, ft-lb, in-lb, and kg-cm.
- Accurate to +/-2% CW and +/- 3% CCW of torque reading at 20% to 100%.
- Operation modes include Peak or Follow mode.
- 9 presets available.
- 36-tooth ratcheting flex head.
- Data memory size of 50.
- Includes blow mold case, 2x AA batteries and calibration certificate.



Product #	Drive Size (in)	Torque Range (ft-lbs)	Increments (ft-lbs)	Torque Range (in-lbs)	Increments (in-lbs)	Overall Length (in)	Weight (lbs)	Battery Type
J6061EFX	1/4	1.1-22	0.01	12-264	0.10	15-19/32	4.00	AA
J6012EFX	3/8	5-99	0.10	60-1188	1	16-45/64	4.10	AA
J6014EFX	1/2	12.5-250	0.10	150-3000	1	25-51/64	6.40	AA

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ELECTRONIC ANGLE TORQUE WRENCHES - FT-LBS

- LCD screen with visual alert lights and audible tone.
- Measuring units: Nm, ft-lb, in-lb, and kg-cm.
- Accurate to +/-2% CW and +/- 3% CCW of torque reading at 20% to 100%.
- Angle Accuracy: +/- 2° (rotating 90° at speed of 30° per second).
- Operation modes include Peak or Follow mode.
- 9 presets available.
- 36-tooth ratcheting head and 48-tooth ratcheting head (J6020EA).
- Data memory size of 50.
- Includes blow mold case, 2x AA batteries and calibration certificate.



Product #	Drive Size (in)	Torque Range (ft-lbs)	Increments (ft-lbs)	Torque Range (in-lbs)	Increments (in-lbs)	Overall Length (in)	Weight (lbs)	Battery Type
J6020EA	3/4	30-600	0.1	360-7200	1	16-47/64	12.10	AA

ASME B107.28

DIGITAL TORQUE & ANGLE ADAPTERS



- Torque and angle tightening with one tool: productivity improvement, digital display minimizes reading errors, and delivers high precision.
- +/-2° (rotating 90° at speed of 30° / sec) for angle accuracy.
- +/-3% clockwise or +/-4% counter clockwise for torque accuracy.
- LEDs for easy viewing of results and audible beep when desired level is reached.
- Buzzer and LED indicator for the 9 pre-settable target torques or angles.
- Five Units Selectable (N.m, Ft-lb, In-lb, kg-cm, degree).
- 50 data memory for recall and joint torque-angle auditing.
- Auto Sleep after about 2 minutes idle.
- Both AAA and rechargeable batteries are compatible.

Product #	Drive Size (in)	Torque Range (ft-lbs)	Torque Range (in-lbs)	Torque Range (nm)	Overall Length (in)	Weight (lbs)	Battery Type	Storage Case
J6280TA100	3/8	5-99.5	60-1195	6.8-135	3-23/64	0.70	2 AAA included	J6310PB
J6280TA250	1/2	12.5-250.7	150-3009	17-340	3-23/64	0.70	2 AAA included	J6425PB

ASME B107.28

ELECTRONIC TORQUE TESTERS



J6476E

- Digital torque tester with LCD screen and audible beeps.
- Main power with adapter.
- Accurate to +/- 1% CW / +/- 3% CCW.
- Measuring Units: ft-lbs, in-lbs, and Nm.
- Operation modes include Peak, Hold and Dial modes.
- Include blow mold case with AC/DC adapter, manual and calibration certificate.
- Width (in): 5-19/32
- Height (in): 3-1/2
- Overall Length (in): 6-13/32

Product #	Drive Size (in)	Drive Size (mm)	Torque Range (ft-lbs)	Torque Range (in-lbs)	Weight (lbs)
J6470E	1/4	–	.40-4.0	5-50	10.50
J6472E	3/8	–	2-20.8	25-250	11.00
J6474E	3/8	–	5-50	–	11.00
J6476E	1/2	–	25-250	–	11.00
J6478E	–	27 hex	60-600	–	11.60

REACTION ARM TORQUE MULTIPLIERS



- Proto® Torque Multipliers provide overload protection with replaceable output square drives that are designed to twist off at 3%-10% over maximum output capacity.
- Standard torque accuracy is +/- 5% of reading.
- Reaction system: tubular reaction bar.
- Gear system: single stage planetary.
- Anti-backlash device: self-contained, 3 position.
- Includes extra male plug.

Product #	Certified Series	Input Drive (in)	Output Drive (in)	Max Rated Input	Max Rated Output	Torque Ratio	Head Depth (in)	Head Length (in)	Handle Length (in)	Overall Length (in)	Weight (lbs)	Repair Kit
J6202A	-	1/2	3/4	250 ft-lbs (339 Nm)	750 ft-lbs (1017 Nm)	1:3.0	3-3/32	2-13/16	5-1/4	8-19/32	4.00	–
J6212	J6212CERT	1/2	3/4	200 ft-lbs (271 Nm)	1200 ft-lbs (1626 Nm)	1:6	4	3-15/16	14-1/8	19-19/32	9.10	J6212RD
J6222	J6222CERT	1/2	1	162 ft-lbs (220 Nm)	2200 ft-lbs (2983 Nm)	1:13.6	5-3/4	4-1/16	14-1/8	19-19/32	15.20	J6222RD
J6232	J6232CERT	1/2	1	173 ft-lbs (235 Nm)	3200 ft-lbs (4338 Nm)	1:18.5	6-1/2	4-1/16	14-1/8	19-19/32	18.30	J6232RD

REACTION PLATE TORQUE MULTIPLIERS



- Proto® Torque Multipliers provide overload protection with replaceable output square drives that are designed to twist off at 3%-10% over maximum output capacity.
- Standard torque accuracy is +/- 5% of reading.
- Reaction system: reaction plate with slave drive.
- Gear system: three stage planetary.
- Anti-backlash device: self-contained, 3 position.
- Includes extra male plug.

Product #	Input Drive (in)	Output Drive (in)	Max Rated Input	Max Rated Output	Torque Ratio	Head Depth (in)	Head Length (in)	Overall Length (in)	Weight (lbs)	Repair Kit
J6234	1/2	1	162 ft-lbs (220 Nm)	2200 ft-lbs (2983 Nm)	1:13.6	5-1/2	4-7/8	14	17.20	J6222RD
J6242	1/2	1-1/2	189 ft-lbs (256 Nm)	5000 ft-lbs (6778 Nm)	1:26.5	8-3/4	5-5/8	14-29/32	34.00	J6242RD
J6252	1/2	1-1/2	154 ft-lbs (209 Nm)	8000 ft-lbs (10846 Nm)	1:52	10-3/4	5-13/16	15-3/16	50.30	J6252RD

3/8" DRIVE 9 PIECE TORQUE ADAPTER SET - 12 POINT

Product #: J5100

Contents	Description
J5112	Torque Adapter 3/8"
J5114	Torque Adapter 7/16"
J5116	Torque Adapter 1/2"
J5118	Torque Adapter 9/16"
J5120	Torque Adapter 5/8"
J5122	Torque Adapter 11/16"
J5124	Torque Adapter 3/4"
J5126	Torque Adapter 13/16"
J5128	Torque Adapter 7/8"

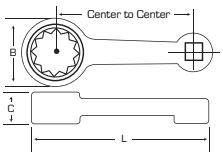
Weight (lbs): 1.32

AS954E S3.8.1

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



3/8" DRIVE TORQUE ADAPTERS - 12 POINT





Product #	Size (in)	Drive Size (in)	Head Width (in) (B)	Head Depth (in) (C)	Overall Length (in) (L)	Weight (lbs)
J5112	3/8	3/8	9/16	17/64	2-11/16	0.08
J5114	7/16	3/8	21/32	19/64	2-47/64	0.10
J5116	1/2	3/8	47/64	21/64	2-25/32	0.10
J5118	9/16	3/8	13/16	23/64	2-13/16	0.12
J5120	5/8	3/8	29/32	25/64	2-55/64	0.12
J5122	11/16	3/8	1	27/64	2-29/32	0.12
J5124	3/4	3/8	1-5/64	29/64	2-61/64	0.12
J5126	13/16	3/8	1-11/64	31/64	2-63/64	0.14
J5128	7/8	3/8	1-17/64	33/64	3-1/32	0.16

AS954E S3.8.1



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PROTO

WRENCH SAFETY





TORQUEPLUS™ FASTENING SYSTEM

The TorquePlus™ radius-corner socket design engages flats for better grip, improving the ability to turn worn or rounded fasteners. It also allows for higher torque and minimizes wear.

AS VS. ASME

PROTO® Industrial Tools meet or exceed **ASME Standards**, which helps ensure quality and durability, giving users peace of mind.

ASME



AS

Thinner outside diameters on wrenches help improve access to fasteners in confined areas, without sacrificing strength and durability.

PROTO® Aerospace Compliant **(AS)** mechanic tools take performance and safety to the next level.

WRENCH GUIDE



LOCKING FLEX-HEAD COMBINATION RATCHETING WRENCHES
Box end chamfered. Flexible spline end.



STUBBY COMBINATION REVERSIBLE RATCHETING WRENCHES
Box end countersunk. Reversibles have an offset.



CROWFOOT WRENCHES
With locking extensions to reach around obstacles.



PIPE WRENCHES
Available in aluminum and cast iron.



ADJUSTABLE WRENCHES
Featuring Clik-Stop.® The wrench clicks at different sizings so you can feel your adjustments without looking.

X-LARGE WRENCHES
For work on oversized equipment.





SHORT COMBINATION WRENCHES
Same sizes of two different types.



RATCHETING WRENCHES
Reversibles have an offset. Non-reversibles are flat.



COMBINATION WRENCHES
Same sizes of two different types.



DOUBLE BOX WRENCHES
Two different sizes of the same type.



OPEN END WRENCHES
Two different sizes of the same type.

FULL POLISH REVERSIBLE RATCHETING COMBINATION WRENCHES - SPLINE

- Anti-Slip Design (ASD) open end.
- 15° angled offset box end helps keep shank clear of obstructions.
- Smooth transition from head to shank.
- Industrial strength I-Beam shank provides broad bearing surface helping improve comfort and helping reduce hand fatigue.
- Protected switch lever helps prevent accidental reversal.
- Compact ratcheting head improves access.
- The 72 tooth gear allows for 5° arc swing during use.



INCH	SPL	Throat Depth 1 (in)	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
1/4	JSCV08B	5/16	35/64	5/32	35/64	1/4	4-59/64	0.05
9/32	JSCV09B	5/16	39/64	11/64	43/64	1/4	5-5/32	0.07
5/16	JSCV10B	25/64	11/16	11/64	43/64	1/4	5-27/64	0.08
11/32	JSCV11B	13/32	25/32	9/32	3/4	17/64	5-43/64	0.10
3/8	JSCV12B	29/64	27/32	13/64	25/32	9/32	5-29/32	0.12
7/16	JSCV14B	1/2	15/16	5/16	55/64	19/64	6-29/32	0.16
1/2	JSCV16B	39/64	1-5/64	1/4	1	11/32	7-29/32	0.24
9/16	JSCV18B	11/16	1-13/64	3/8	1-5/64	23/64	8-49/64	0.30
5/8	JSCV20B	3/4	1-21/64	13/32	1-3/16	25/64	9-33/64	0.40
11/16	JSCV22B	53/64	1-7/16	5/16	1-1/4	13/32	10-17/64	0.49
3/4	JSCV24B	29/32	1-37/64	11/32	1-21/64	7/16	11-3/64	0.60
13/16	JSCV26B	31/32	1-23/32	17/32	1-37/64	33/64	11-13/16	0.80
7/8	JSCV28B	1-3/64	1-7/8	17/32	1-37/64	33/64	12-35/64	0.86
15/16	JSCV30B	1-1/8	1-31/32	19/32	1-53/64	37/64	13-5/16	1.09
1	JSCV32B	1-13/64	2-3/32	19/32	1-53/64	37/64	14-1/16	1.17
1-1/16	JSCV34B	1-9/32	2-7/32	5/8	2-3/64	39/64	14-15/16	1.44
1-1/8	JSCV36B	1-23/64	2-11/32	11/16	2-9/32	43/64	15-7/8	1.85
1-1/4	JSCV40B	1-1/2	2-19/32	35/64	2-15/32	11/16	16-59/64	2.29

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MM	SPL	Throat Depth 1 (in)	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
6	JSCVM06B	5/16	35/64	5/32	35/64	1/4	4-59/64	0.05
7	JSCVM07B	5/16	39/64	11/64	43/64	1/4	5-5/32	0.07
8	JSCVM08B	25/64	11/16	11/64	43/64	1/4	5-27/64	0.08
9	JSCVM09B	13/32	25/32	9/32	3/4	17/64	5-43/64	0.10
10	JSCVM10B	29/64	27/32	13/64	25/32	9/32	5-29/32	0.12
11	JSCVM11B	1/2	15/16	5/16	55/64	19/64	6-29/32	0.16
12	JSCVM12B	35/64	1-1/64	11/32	29/32	21/64	7-23/32	0.20
13	JSCVM13B	39/64	1-5/64	1/4	1	11/32	7-29/32	0.24
14	JSCVM14B	11/16	1-13/64	3/8	1-5/64	23/64	8-49/64	0.30
15	JSCVM15B	23/32	1-17/64	9/32	1-7/65	3/8	9-9/64	0.34
16	JSCVM16B	3/4	1-21/64	13/32	1-3/16	25/64	9-33/64	0.40
17	JSCVM17B	53/64	1-7/16	5/16	1-1/4	13/32	10-17/64	0.49
18	JSCVM18B	55/64	1-33/64	7/16	1-9/32	27/64	10-11/16	0.55
19	JSCVM19B	29/32	1-37/64	11/32	1-21/64	7/16	11-3/64	0.60
21	JSCVM21B	31/32	1-23/32	17/32	1-37/64	33/64	11-13/16	0.80
22	JSCVM22B	1-3/64	1-7/8	17/32	1-53/64	33/64	12-35/64	0.86
24	JSCVM24B	1-1/8	1-31/32	19/32	1-53/64	37/64	13-5/16	1.09
27	JSCVM27B	1-9/32	2-7/32	5/8	2-3/64	39/64	14-15/16	1.44
30	JSCVM30B	1-23/64	2-11/32	11/16	2-9/32	43/64	15-7/8	1.85
32	JSCVM32B	1-1/2	2-19/32	35/64	2-15/32	11/16	16-59/64	2.29

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6 POINT 8 POINT 12 POINT SPLINE HEX OPEN

18 PIECE FULL POLISH REVERSIBLE RATCHETING COMBINATION WRENCH SET - SPLINE

Product #: JSCV-18SB

SPL	INCH	Point Size	Overall Length (in)
JSCV08B	1/4	Spline	4-59/64
JSCV09B	9/32	Spline	5-5/32
JSCV10B	5/16	Spline	5-27/64
JSCV11B	11/32	Spline	5-43/64
JSCV12B	3/8	Spline	5-29/32
JSCV14B	7/16	Spline	6-29/32
JSCV16B	1/2	Spline	7-29/32
JSCV18B	9/16	Spline	8-49/64
JSCV20B	5/8	Spline	9-33/64
JSCV22B	11/16	Spline	10-17/64
JSCV24B	3/4	Spline	11-3/64
JSCV26B	13/16	Spline	11-13/16
JSCV28B	7/8	Spline	12-35/64
JSCV30B	15/16	Spline	13-5/16
JSCV32B	1	Spline	14-1/16
JSCV34B	1-1/16	Spline	14-15/16
JSCV36B	1-1/8	Spline	15-7/8
JSCV40B	1-1/4	Spline	16-59/64
J25TR57C	Tool Roll		

Weight (lbs): 13.51

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- Full polish finish resists chipping and rust.
- Box end is chamfered for easy application to the fastener.
- Spline design was created for use with specialty spline bolts which are used when weight and size of bolt heads must be minimized.
- The high contact surface area which is away from fastener points enables turning of highly rounded fasteners.
- The 72 tooth gear allows for 5° arc swing during use.



11 PIECE FULL POLISH REVERSIBLE RATCHETING COMBINATION WRENCH SET - SPLINE

Product #: JSCV-11SB

SPL	INCH	Point Size	Overall Length (in)
JSCV08B	1/4	Spline	4-59/64
JSCV09B	9/32	Spline	5-5/32
JSCV10B	5/16	Spline	5-27/64
JSCV11B	11/32	Spline	5-43/64
JSCV12B	3/8	Spline	5-29/32
JSCV14B	7/16	Spline	6-29/32
JSCV16B	1/2	Spline	7-29/32
JSCV18B	9/16	Spline	8-49/64
JSCV20B	5/8	Spline	9-33/64
JSCV22B	11/16	Spline	10-17/64
JSCV24B	3/4	Spline	11-3/64
J25TR58C	Tool Roll		

Weight (lbs): 3.07

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FULL POLISH · SATIN · BLACK OXIDE · BLACK CHROME · INSULATED

20 PIECE FULL POLISH METRIC REVERSIBLE RATCHETING COMBINATION WRENCH SET - SPLINE

Product #: JSCVM-20SB

Contents	SPL	Point Size	Overall Length (in)
JSCVM06B	6	Spline	4-59/64
JSCVM07B	7	Spline	5-5/32
JSCVM08B	8	Spline	5-27/64
JSCVM09B	9	Spline	5-43/64
JSCVM10B	10	Spline	5-29/32
JSCVM11B	11	Spline	6-29/32
JSCVM12B	12	Spline	7-23/32
JSCVM13B	13	Spline	7-29/32
JSCVM14B	14	Spline	8-49/64
JSCVM15B	15	Spline	9-9/64
JSCVM16B	16	Spline	9-33/64
JSCVM17B	17	Spline	10-17/64
JSCVM18B	18	Spline	10-11/16
JSCVM19B	19	Spline	11-3/64
JSCVM21B	21	Spline	11-13/16
JSCVM22B	22	Spline	12-35/64
JSCVM24B	24	Spline	13-5/16
JSCVM27B	27	Spline	14-15/16
JSCVM30B	30	Spline	15-7/8
JSCVM32B	32	Spline	16-59/64
J25TR59C	Tool Roll		

Weight (lbs): 13.74

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14 PIECE FULL POLISH METRIC REVERSIBLE RATCHETING COMBINATION WRENCH SET - SPLINE

Product #: JSCVM-14SB

Contents	SPL	Point Size	Overall Length (in)
JSCVM06B	6	Spline	4-59/64
JSCVM07B	7	Spline	5-5/32
JSCVM08B	8	Spline	5-27/64
JSCVM09B	9	Spline	5-43/64
JSCVM10B	10	Spline	5-29/32
JSCVM11B	11	Spline	6-29/32
JSCVM12B	12	Spline	7-23/32
JSCVM13B	13	Spline	7-29/32
JSCVM14B	14	Spline	8-49/64
JSCVM15B	15	Spline	9-9/64
JSCVM16B	16	Spline	9-33/64
JSCVM17B	17	Spline	10-17/64
JSCVM18B	18	Spline	10-11/16
JSCVM19B	19	Spline	11-3/64
J25TR60	Tool Roll		

Weight (lbs): 4.48

ASME B107.100-2010



6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX OPEN

REVERSIBLE RATCHETING COMBINATION WRENCHES

- Spline wrenches can be used on 6, 12 point, spline and Torx® fasteners.
- The chrome-vanadium switch lever allows for easy changes in turning direction which helps improve speed.
- 15° angled offset box end helps keep shank clear of obstructions.
- Anti-Slip Design (ASD) open end.
- Black chrome finish is corrosion-resistant and cleans easily.
- Full polish finish allows for easy cleanup.
- Box end is chamfered for easy application to the fastener.
- The 72 tooth gear allows for 5° arc swing during use.





INCH	SPL	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
7/32	JSCV07	JSCV07T	9/16	1/8	35/64	1/8	5	0.06
1/4	JSCV08	JSCV08T	9/16	1/8	35/64	1/8	5	0.06
9/32	JSCV09	JSCV09T	11/16	1/8	21/32	1/8	5-1/2	0.07
5/16	JSCV10	JSCV10T	11/16	1/8	21/32	1/8	5-1/2	0.07
11/32	JSCV11	JSCV11T	3/4	1/8	23/32	1/8	5-15/16	0.09
3/8	JSCV12	JSCV12T	13/16	1/8	25/32	1/8	6-1/4	0.11
7/16	JSCV14	JSCV14T	15/16	1/8	55/64	1/8	6-1/2	0.14
1/2	JSCV16	JSCV16T	1-1/16	3/16	31/32	3/16	7	0.20
9/16	JSCV18	JSCV18T	1-1/8	3/16	1-1/16	3/16	7-1/2	0.22
5/8	JSCV20	JSCV20T	1-5/16	3/16	1-3/16	3/16	8-3/16	0.33
11/16	JSCV22	JSCV22T	1-3/8	3/16	1-1/4	3/16	8-7/8	0.37
3/4	JSCV24	JSCV24T	1-9/16	1/4	1-21/64	1/4	9-3/4	0.48
13/16	JSCV26	JSCV26T	1-13/16	1/4	1-37/64	1/4	11-7/16	0.77
7/8	JSCV28	JSCV28T	1-13/16	1/4	1-37/64	1/4	11-7/16	0.73
15/16	JSCV30	JSCV30T	2-1/16	1/4	1-13/16	1/4	12-3/4	1.02
1	JSCV32	JSCV32T	2-1/16	1/4	1-13/16	1/4	12-3/4	1.00
1-1/16	JSCV34	JSCV34T	2-1/4	5/16	2-1/16	5/16	14-1/8	1.45
1-1/8	JSCV36	JSCV36T	2-5/16	5/16	2-19/64	5/16	15-7/8	1.96
1-1/4	JSCV40	JSCV40T	2-1/2	5/16	2-29/64	5/16	16-3/4	2.30
1-1/2	JSCV48	JSCV48T	2-13/16	3/8	2-39/64	3/8	19-5/16	3.09

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MM	SPL	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
6	JSCVM06	JSCVM06T	9/16	1/8	35/64	1/8	5	0.06
7	JSCVM07	JSCVM07T	11/16	1/8	21/32	1/8	5-1/2	0.07
8	JSCVM08	JSCVM08T	11/16	1/8	21/32	1/8	5-1/2	0.07
9	JSCVM09	JSCVM09T	3/4	1/8	23/32	1/8	5-15/16	0.09
10	JSCVM10	JSCVM10T	13/16	1/8	25/32	1/8	6-1/4	0.11
11	JSCVM11	JSCVM11T	15/16	1/8	55/64	1/8	6-9/16	0.14
12	JSCVM12	JSCVM12T	1	3/16	57/64	3/16	6-3/4	0.17
13	JSCVM13	JSCVM13T	1-11/16	3/16	31/32	3/16	7	0.20
14	JSCVM14	JSCVM14T	1-1/8	3/16	1-1/16	3/16	7-1/2	0.24
15	JSCVM15	JSCVM15T	1-1/4	3/16	1-7/64	3/16	7-7/8	0.28
16	JSCVM16	JSCVM16T	1-5/16	3/16	1-3/16	3/16	8-3/16	0.33
17	JSCVM17	JSCVM17T	1-3/8	3/16	1-1/4	3/16	8-7/8	0.39
18	JSCVM18	JSCVM18T	1-1/2	3/16	1-9/32	3/16	9-5/16	0.43
19	JSCVM19	JSCVM19T	1-9/16	1/4	1-21/64	1/4	9-3/4	0.50
21	JSCVM21	JSCVM21T	1-13/16	1/4	1-37/64	1/4	11-7/16	0.76
22	JSCVM22	JSCVM22T	1-13/16	1/4	1-37/64	1/4	11-7/16	0.76
24	JSCVM24	JSCVM24T	2-1/16	1/4	1-13/16	1/4	12-3/4	1.06
27	JSCVM27	JSCVM27T	2-1/4	5/16	2-1/16	5/16	14-1/8	1.42
30	JSCVM30	JSCVM30T	2-5/16	5/16	2-19/64	5/16	15-7/8	1.89
32	JSCVM32	JSCVM32T	2-1/2	5/16	2-29/64	5/16	16-3/4	2.32
34	JSCVM34	JSCVM34T	2-1/2	3/8	2-29/64	3/8	18-1/8	2.65
36	JSCVM36	JSCVM36T	2-13/16	3/8	2-39/64	3/8	19-5/16	3.09

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8 PIECE FULL POLISH REVERSE RATCHETING WRENCH SET - 12 POINT

Product #: JSCVMT-8S



12	MM	Point Size	Overall Length (in)
JSCVM08T	8	12	5-1/2
JSCVM10T	10	12	6-1/4
JSCVM12T	12	12	6-3/4
JSCVM13T	13	12	7
JSCVM14T	14	12	7-1/2
JSCVM15T	15	12	7-7/8
JSCVM17T	17	12	8-7/8
JSCVM18T	18	12	9-5/16
J25TR61C	Tool Roll		

Weight (lbs): 2.15 ASME B107.100-2010

20 PIECE REVERSIBLE RATCHETING COMBINATION WRENCH SETS





12 JSCVT-20S	SPL JSCV-20S	INCH	Overall Length (in)
JSCV07T	JSCV07	7/32	5
JSCV08T	JSCV08	1/4	5
JSCV09T	JSCV09	9/32	5-1/2
JSCV10T	JSCV10	5/16	5-1/2
JSCV11T	JSCV11	11/32	5-15/16
JSCV12T	JSCV12	3/8	6-1/4
JSCV14T	JSCV14	7/16	6-1/2
JSCV16T	JSCV16	1/2	7
JSCV18T	JSCV18	9/16	7-1/2
JSCV20T	JSCV20	5/8	8-3/16
JSCV22T	JSCV22	11/16	8-7/8
JSCV24T	JSCV24	3/4	9-3/4
JSCV26T	JSCV26	13/16	11-7/16
JSCV28T	JSCV28	7/8	11-7/16
JSCV30T	JSCV30	15/16	12-3/4
JSCV32T	JSCV32	1	12-3/4
JSCV34T	JSCV34	1-1/16	14-1/8
JSCV36T	JSCV36	1-1/8	15-7/8
JSCV40T	JSCV40	1-1/4	16-3/4
JSCV48T	JSCV48	1-1/2	19-5/16
J25TR78C	JSCV20SP	Tool Roll	

Weight (lbs): 16.20 ASME B107.100-2010

9 PIECE REVERSIBLE RATCHETING COMBINATION WRENCH SETS



12 JSCVT-9S	SPL JSCV-9S	INCH	Overall Length (in)
JSCV09T	JSCV09	9/32	5-1/2
JSCV10T	JSCV10	5/16	5-1/2
JSCV12T	JSCV12	3/8	6-1/4
JSCV14T	JSCV14	7/16	6-1/2
JSCV16T	JSCV16	1/2	7
JSCV18T	JSCV18	9/16	7-1/2
JSCV20T	JSCV20	5/8	8-3/16
JSCV22T	JSCV22	11/16	8-7/8
JSCV24T	JSCV24	3/4	9-3/4
JSCV9SP	JSCV9SP	Tool Roll	

Weight (lbs): 1.90 ASME B107.100-2010

6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX OPEN

22 PIECE REVERSIBLE RATCHETING COMBINATION WRENCH SETS

12 JSCVMT-22S	SPL JSCVM-22S	MM	Overall Length (in)
JSCVM06T	JSCVM06	6	5
JSCVM07T	JSCVM07	7	5-1/2
JSCVM08T	JSCVM08	8	5-1/2
JSCVM09T	JSCVM09	9	5-15/16
JSCVM10T	JSCVM10	10	6-1/4
JSCVM11T	JSCVM11	11	6-9/16
JSCVM12T	JSCVM12	12	6-3/4
JSCVM13T	JSCVM13	13	7
JSCVM14T	JSCVM14	14	7-1/2
JSCVM15T	JSCVM15	15	7-7/8
JSCVM16T	JSCVM16	16	8-3/16
JSCVM17T	JSCVM17	17	8-7/8
JSCVM18T	JSCVM18	18	9-5/16
JSCVM19T	JSCVM19	19	9-3/4
JSCVM21T	JSCVM21	21	11-7/16
JSCVM22T	JSCVM22	22	11-7/16
JSCVM24T	JSCVM24	24	12-3/4
JSCVM27T	JSCVM27	27	14-1/8
JSCVM30T	JSCVM30	30	15-7/8
JSCVM32T	JSCVM32	32	16-3/4
JSCVM34T	JSCVM34	34	18-1/8
JSCVM36T	JSCVM36	36	19-5/16
J25TR80C	JSCVM22SP	Tool Roll	

Weight (lbs): 17.10

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13 PIECE REVERSIBLE RATCHETING COMBINATION WRENCH SETS

12 JSCVMT-13S	SPL JSCVM-13S	MM	Overall Length (in)
JSCVM07T	JSCVM07	7	5-1/2
JSCVM08T	JSCVM08	8	5-1/2
JSCVM09T	JSCVM09	9	5-15/16
JSCVM10T	JSCVM10	10	6-1/4
JSCVM11T	JSCVM11	11	6-9/16
JSCVM12T	JSCVM12	12	6-3/4
JSCVM13T	JSCVM13	13	7
JSCVM14T	JSCVM14	14	7-1/2
JSCVM15T	JSCVM15	15	7-7/8
JSCVM16T	JSCVM16	16	8-3/16
JSCVM17T	JSCVM17	17	8-7/8
JSCVM18T	JSCVM18	18	9-5/16
JSCVM19T	JSCVM19	19	9-3/4
J25TR81C	JSCVM13SP	Tool Roll	

Weight (lbs): 3.02

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NON-REVERSIBLE RATCHETING COMBINATION WRENCHES

- Non-reversible ratcheting wrenches can be flipped over to turn the fastener in the opposite direction.
- Spline wrenches can be used on metric 4, 6, 12 point, spline and Torx® fasteners.
- Chrome-vanadium box ends provide high strength and durability.
- Box end is chamfered for easy application to the fastener.
- Spline design enables the wrench to contact conventional fasteners away from the corners, which applies force over a larger area, reducing risk of fastener scoring and helps prevent rounding of the corners and other fasteners damage that could lead to Foreign Object Damage (FOD).
- Anti-Slip Design (ASD) open end.
- Black chrome finish is corrosion-resistant and cleans easily.
- The 72 tooth gear allows for 5° arc swing during use.



INCH	SPL	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
1/4	JSCR08	JSCR08T	9/16	1/8	35/64	1/8	5	0.05
5/16	JSCR10	JSCR10T	11/16	1/8	21/32	1/8	5-1/2	0.06
11/32	-	JSCR11T	3/4	1/8	11/16	1/8	5-15/16	0.08
3/8	JSCR12	JSCR12T	13/16	1/8	25/32	1/8	6-1/4	0.10
7/16	JSCR14	JSCR14T	15/16	1/8	55/64	1/8	6-1/2	0.13
1/2	JSCR16	JSCR16T	1-1/16	3/16	31/32	3/16	7	0.18
9/16	JSCR18	JSCR18T	1-1/8	3/16	1-1/16	3/16	7-1/2	0.22
5/8	JSCR20	JSCR20T	1-5/16	3/16	1-3/16	3/16	8-3/16	0.32
11/16	JSCR22	JSCR22T	1-3/8	3/16	1-1/4	3/16	8-7/8	0.38
3/4	JSCR24	JSCR24T	1-9/16	1/4	1-21/64	1/4	9-3/4	0.47
13/16	JSCR26	JSCR26T	1-13/16	1/4	1-37/64	1/4	11-7/16	0.70
7/8	JSCR28	JSCR28T	1-13/16	1/4	1-37/64	1/4	11-7/16	0.70
15/16	JSCR30	JSCR30T	2-1/16	1/4	1-13/16	1/4	12-3/4	1.02
1	JSCR32	JSCR32T	2-1/16	1/4	1-13/16	1/4	12-3/4	1.02

MM	SPL	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
8	JSCRM08	JSCRM08T	11/16	1/8	21/32	1/8	5-1/2	0.06
9	JSCRM09	JSCRM09T	3/4	1/8	23/32	1/8	5-15/16	0.08
10	JSCRM10	JSCRM10T	13/16	1/8	25/32	1/8	6-1/4	0.10
11	JSCRM11	JSCRM11T	15/16	1/8	55/64	1/8	6-1/2	0.13
12	JSCRM12	JSCRM12T	1	1/8	57/64	1/8	6-3/4	0.16
13	JSCRM13	JSCRM13T	1-1/16	3/16	31/32	3/16	7	0.18
14	JSCRM14	JSCRM14T	1-1/8	3/16	1-1/16	3/16	7-1/2	0.22
15	JSCRM15	JSCRM15T	1-1/4	3/16	1-7/64	3/16	7-7/8	0.25
16	JSCRM16	JSCRM16T	1-5/16	3/16	1-3/16	3/16	8-3/16	0.32
17	JSCRM17	JSCRM17T	1-7/16	3/16	1-1/4	3/16	8-7/8	0.38
18	JSCRM18	JSCRM18T	1-1/2	3/16	1-9/32	3/16	9-5/16	0.46
19	JSCRM19	JSCRM19T	1-9/16	1/4	1-21/64	1/4	9-3/4	0.47

6 POINT 8 POINT 12 POINT SPLINE HEX OPEN

14 PIECE FULL POLISH NON-REVERSIBLE RATCHETING COMBINATION WRENCH SET - 12 POINT

TORQUEPLUS FASTENING SYSTEM

Product #: JSCRT-14S

- Non-reversible ratcheting wrenches can be flipped over to turn the fastener in the opposite direction.
- 12 point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Box end is chamfered for easy application to the fastener.
- Box ends incorporate the TorquePlus™ system.
- The 72 tooth gear allows for 5° arc swing during use.



12	INCH	Point Size	Overall Length (in)
JSCR08T	1/4	12	5
JSCR10T	5/16	12	5-1/2
JSCR11T	11/32	12	5-15/16
JSCR12T	3/8	12	6-1/4
JSCR14T	7/16	12	6-1/2
JSCR16T	1/2	12	7
JSCR18T	9/16	12	7-1/2
JSCR20T	5/8	12	8-3/16
JSCR22T	11/16	12	8-7/8
JSCR24T	3/4	12	9-3/4
JSCR26T	13/16	12	11-7/16
JSCR28T	7/8	12	11-7/16
JSCR30T	15/16	12	12-3/4
JSCR32T	1	12	12-3/4
J25TR76C	Tool Roll		

Weight (lbs): 6.36

9 PIECE BLACK CHROME NON-REVERSIBLE RATCHETING COMBINATION WRENCH SET - SPLINE

Product #: JSCR-9S

- Non-reversible ratcheting wrenches can be flipped over to turn the fastener in the opposite direction.
- Ratcheting spline box end is chamfered for easy application to the fastener.
- Fractional spline wrenches can be used on fractional 4, 6, 12 point, spline and Torx® fasteners.
- The 72 tooth gear allows for 5° arc swing during use.



SPL	INCH	Point Size	Overall Length (in)
JSCR08	1/4	Spline	5
JSCR10	5/16	Spline	5-1/2
JSCR12	3/8	Spline	6-1/4
JSCR14	7/16	Spline	6-1/2
JSCR16	1/2	Spline	7
JSCR18	9/16	Spline	7-1/2
JSCR20	5/8	Spline	8-3/16
JSCR22	11/16	Spline	8-7/8
JSCR24	3/4	Spline	9-3/4
JSCR9SP	Tool Roll		

Weight (lbs): 2.71

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7 PIECE FULL POLISH METRIC NON-REVERSIBLE RATCHETING WRENCH SET- 12 POINT

Product #: JSCRMT-7S

12	MM	Point Size	Overall Length (in)
JSCRM10T	10	12	6-1/4
JSCRM12T	12	12	6-3/4
JSCRM13T	13	12	7
JSCRM14T	14	12	7-1/2
JSCRM15T	15	12	7-7/8
JSCRM16T	16	12	8-3/16
JSCRM18T	18	12	9-5/16
J25TR37C	Tool Roll		

Weight (lbs): 1.94



12 PIECE FULL POLISH METRIC NON-REVERSIBLE RATCHETING COMBINATION WRENCH SET - 12 POINT

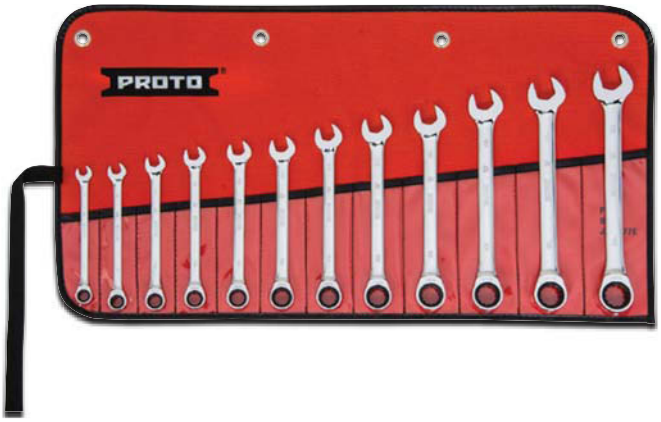
TORQUEPLUS FASTENING SYSTEM

Product #: JSCRMT-12S

12	MM	Point Size	Overall Length (in)
JSCRM08T	8	12	5-1/2
JSCRM09T	9	12	5-15/16
JSCRM10T	10	12	6-1/4
JSCRM11T	11	12	6-1/2
JSCRM12T	12	12	6-3/4
JSCRM13T	13	12	7
JSCRM14T	14	12	7-1/2
JSCRM15T	15	12	7-7/8
JSCRM16T	16	12	8-3/16
JSCRM17T	17	12	8-7/8
JSCRM18T	18	12	9-5/16
JSCRM19T	19	12	9-3/4
J25TR77C	Tool Roll		

Weight (lbs): 3.22

- 12 point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Box end is chamfered for easy application to the fastener.
- Box ends incorporate the TorquePlus™ system.
- The 72 tooth gear allows for 5° arc swing during use.



10 PIECE BLACK CHROME METRIC NON-REVERSIBLE RATCHETING COMBINATION WRENCH SET - SPLINE

Product #: JSCRM-10S

SPL	MM	Point Size	Overall Length (in)
JSCRM10	10	Spline	6-1/4
JSCRM11	11	Spline	6-1/2
JSCRM12	12	Spline	6-3/4
JSCRM13	13	Spline	7
JSCRM14	14	Spline	7-1/2
JSCRM15	15	Spline	7-7/8
JSCRM16	16	Spline	8-3/16
JSCRM17	17	Spline	8-7/8
JSCRM18	18	Spline	9-5/16
JSCRM19	19	Spline	9-3/4
JSCRM10SP	Tool Roll		

Weight (lbs): 2.71



6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX OPEN

RATCHETING SPLINE DRIVE ENDS

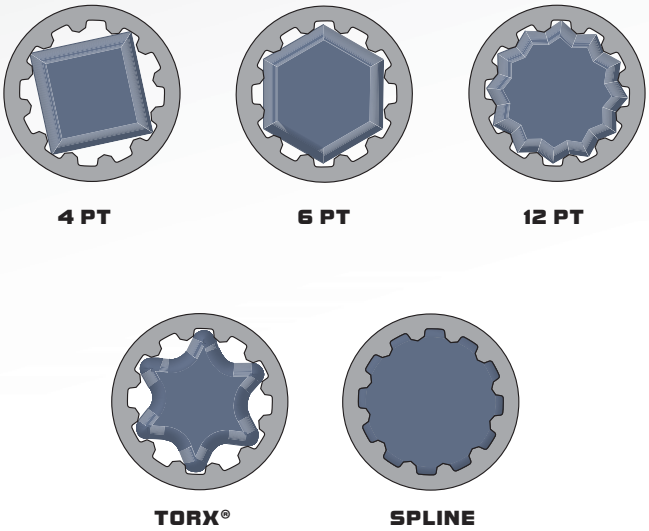
Spline fasteners were developed to service high tensile strength applications on military and commercial aircraft where heavy vibration was present. They are also present in automotive and industrial areas where high performance torque needs to be achieved.

The popularity of spline wrenches spread from just the high performance area because the wrench turned out to be versatile. The spline points could grip a number of fasteners, not just splines.

In addition, the grip was not on the edge of the fastener, but on the flat, giving the wrench a reputation for busting loose rounded nuts and bolts.

By moving the force load away from the corners, a wrench can be pulled with more torque to break free stubborn fasteners with less fear of stripping them.

Proto® offers ratcheting spline box end wrenches in both full polish and black chrome, with and without the reversible lever. They all contain a 72-tooth design that results in a 5° arc-swing for minimal wrench movement in tight spaces.





Versatile usages on 4pt, 6pt, 12pt, spline, Torx®, and slightly rounded fasteners.

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LOCKING FLEX-HEAD COMBINATION RATCHETING WRENCHES - SPLINE

- 15° angled offset helps keep shank clear of obstructions.
- Box end is chamfered for easy application to the fastener.
- Spline design was created for use with specialty spline bolts which are used when weight and size of bolt heads must be minimized.
- Spline design enables the wrench to contact conventional fasteners away from the corners, which applies force over a larger area, reducing risk of fastener scoring and helps prevent rounding of the corners and other fasteners damage that could lead to Foreign Object Damage (FOD).
- Anti-Slip Design (ASD) open end.
- Black chrome finish is corrosion-resistant and cleans easily.
- Spline wrenches can be used on 4, 6, 12 point, spline and Torx® fasteners.
- 180 degree flexibility on box end.
- The 72 tooth gear allows for 5° arc swing during use.



INCH	SPL	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
5/16	JSCV10F	19/32	9/32	41/64	17/64	5	0.16
3/8	JSCV12F	13/16	13/64	7/8	9/32	5-3/8	0.17
7/16	JSCV14F	57/64	13/64	27/32	5/16	5-9/16	0.19
1/2	JSCV16F	1-1/16	1-15/64	1-3/32	11/32	6	0.2
9/16	JSCV18F	1-9/64	3/8	1-1/16	23/64	6-1/4	0.29
5/8	JSCV20F	1-5/16	13/32	1-3/16	25/64	7	0.33
11/16	JSCV22F	1-25/64	19/64	13/32	1-7/32	7-1/2	0.46
3/4	JSCV24F	1-35/64	11/32	1-21/64	7/16	8-1/2	0.57

MM	SPL	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
8	JSCVM08F	41/64	9/32	21/32	17/64	5	0.13
9	JSCVM09F	47/64	3/32	21/32	9/32	5-13/64	0.16
10	JSCVM10F	13/16	13/64	51/64	9/32	5-3/8	0.16
11	JSCVM11F	57/64	13/64	55/64	5/16	5-1/2	0.17
12	JSCVM12F	63/64	11/32	57/64	21/64	5-25/32	0.19
13	JSCVM13F	1-1/16	15/64	1	11/32	6	0.19
14	JSCVM14F	1-9/64	3/8	1-3/64	23/64	6-1/2	0.21
15	JSCVM15F	1-3/16	1/4	1-3/32	3/8	6-3/4	0.25
16	JSCVM16F	1-21/64	13/32	1-11/64	25/64	7	0.3
17	JSCVM17F	1-25/64	19/64	1-1/4	13/32	7-1/2	0.33
18	JSCVM18F	1-15/32	7/16	1-9/32	27/64	8	0.36
19	JSCVM19F	1-35/64	11/32	1-21/64	7/16	8-1/2	0.45

6 POINT 8 POINT 12 POINT SPLINE HEX OPEN

8 PIECE BLACK CHROME COMBINATION LOCKING FLEX-HEAD RATCHETING WRENCH SET - SPLINE

Product #: JSCVF-8S

SPL	INCH	Point Size	Overall Length (in)
JSCV10F	5/16	Spline	5
JSCV12F	3/8	Spline	5-3/8
JSCV14F	7/16	Spline	5-9/16
JSCV16F	1/2	Spline	6
JSCV18F	9/16	Spline	6-1/4
JSCV20F	5/8	Spline	7
JSCV22F	11/16	Spline	7-1/2
JSCV24F	3/4	Spline	8-1/2
J25TR73C	Tool Roll		

Weight (lbs): 2.3

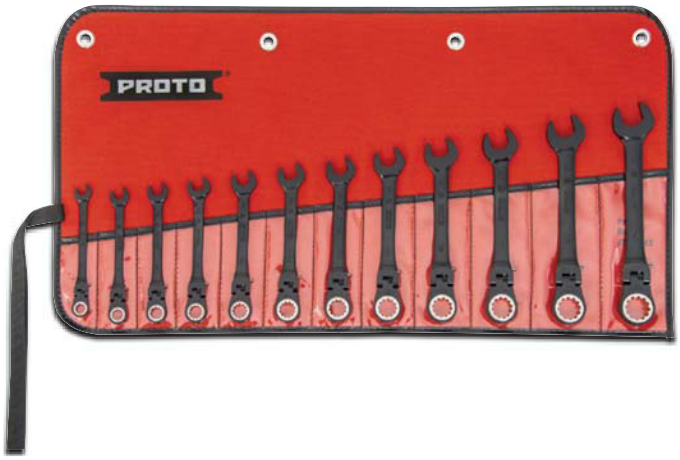


12 PIECE BLACK CHROME METRIC COMBINATION LOCKING FLEX-HEAD RATCHETING WRENCH SET - SPLINE

Product #: JSCVMF-12S

SPL	MM	Point Size	Overall Length (in)
JSCVM08F	8	Spline	5
JSCVM09F	9	Spline	5-13/64
JSCVM10F	10	Spline	5-3/8
JSCVM11F	11	Spline	5-1/2
JSCVM12F	12	Spline	5-25/32
JSCVM13F	13	Spline	6
JSCVM14F	14	Spline	6-1/2
JSCVM15F	15	Spline	6-3/4
JSCVM16F	16	Spline	7
JSCVM17F	17	Spline	7-1/2
JSCVM18F	18	Spline	8
JSCVM19F	19	Spline	8-1/2
J25TR74C	Tool Roll		

Weight (lbs): 3.28



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STUBBY COMBINATION REVERSIBLE RATCHETING WRENCHES - SPLINE

- The chrome-vanadium switch lever allows for easy changes in turning direction which helps improve efficiency.
- 15° angled offset helps keep shank clear of obstructions.
- Box end is chamfered for easy application to the fastener.
- Spline design enables the wrench to contact conventional fasteners away from the corners, which applies force over a larger area, reducing risk of fastener scoring and helps prevent rounding of the corners and other fasteners damage that could lead to Foreign Object Damage (FOD).
- Anti-Slip Design (ASD) open end.
- Black chrome finish is corrosion-resistant and cleans easily.
- Compact size allows you to work in tight spots.
- Spline wrenches can be used on 4, 6, 12 point, spline and Torx® fasteners.
- The 72 tooth gear allows for 5° arc swing during use.



INCH	SPL	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
1/4	JSCV08S	37/64	9/64	9/16	1/4	3-1/8	0.06
5/16	JSCV10S	41/64	5/32	21/32	1/4	3-1/2	0.08
3/8	JSCV12S	13/16	11/64	25/32	9/32	3-3/4	0.11
7/16	JSCV14S	29/32	5/16	55/64	19/64	4	0.12
1/2	JSCV16S	1-1/16	7/32	63/64	11/32	4-1/4	0.16
9/16	JSCV18S	1-9/64	3/8	1-1/32	23/64	4-1/2	0.18
5/8	JSCV20S	1-5/16	13/32	1-11/64	25/64	4-7/8	0.24
11/16	JSCV22S	1-13/32	17/64	1-15/64	13/32	5	0.27
3/4	JSCV24S	1-9/16	5/16	1-5/16	7/16	5-1/2	0.36

MM	SPL	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
6	JSCVM06S	37/64	9/64	9/16	1/4	3-1/2	0.06
8	JSCVM08S	41/64	9/32	21/32	17/64	3-1/2	0.08
9	JSCVM09S	23/32	9/32	47/64	17/64	3-3/4	0.09
10	JSCVM10S	13/16	3/16	51/64	9/32	3-3/4	0.10
11	JSCVM11S	29/32	5/16	55/64	19/64	4	0.14
12	JSCVM12S	31/32	11/32	29/32	21/64	4-1/4	0.15
13	JSCVM13S	1-1/16	7/32	63/64	11/32	4-1/4	0.18
14	JSCVM14S	1-9/64	3/8	1-1/32	23/64	4-1/2	0.21
15	JSCVM15S	1-7/32	1/4	1-3/32	3/8	4-11/16	0.24
16	JSCVM16S	1-5/16	13/32	1-5/32	25/64	4-7/8	0.33
17	JSCVM17S	1-13/32	15/64	1-1/4	13/32	5	0.38
18	JSCVM18S	1-7/16	5/16	1-1/4	7/16	5-5/32	0.41
19	JSCVM19S	1-9/16	5/16	1-5/16	7/16	5-1/2	0.47

6 POINT 8 POINT 12 POINT SPL SPLINE HEX HEX OPEN

9 PIECE BLACK CHROME COMBINATION STUBBY REVERSIBLE RATCHETING WRENCH SET - SPLINE

Product #: JSCVS-9S

SPL	INCH	Point Size	Overall Length (in)
JSCV08S	1/4	Spline	3-1/8
JSCV10S	5/16	Spline	3-1/2
JSCV12S	3/8	Spline	3-3/4
JSCV14S	7/16	Spline	4
JSCV16S	1/2	Spline	4-1/4
JSCV18S	9/16	Spline	4-1/2
JSCV20S	5/8	Spline	4-7/8
JSCV22S	11/16	Spline	5
JSCV24S	3/4	Spline	5-1/2
J25TR71C	Tool Roll		

Weight (lbs): 1.63

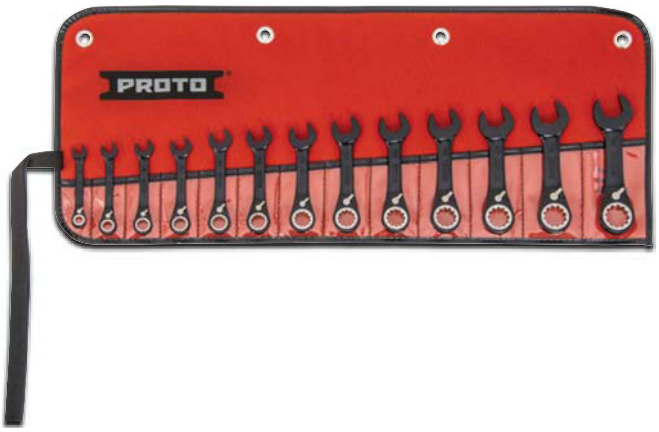


13 PIECE BLACK CHROME METRIC COMBINATION STUBBY REVERSIBLE RATCHETING WRENCH SET - SPLINE

Product #: JSCVMS-13S

SPL	MM	Point Size	Overall Length (in)
JSCVM07	6	Spline	3-1/2
JSCVM08	8	Spline	3-1/2
JSCVM09	9	Spline	3-3/4
JSCVM10	10	Spline	3-3/4
JSCVM11	11	Spline	4
JSCVM12	12	Spline	4-1/4
JSCVM13	13	Spline	4-1/4
JSCVM14	14	Spline	4-1/2
JSCVM15	15	Spline	4-11/16
JSCVM16	16	Spline	4-7/8
JSCVM17	17	Spline	5
JSCVM18	18	Spline	5-5/32
JSCVM19	19	Spline	5-1/2
J25TR72C	Tool Roll		

Weight (lbs): 2.29



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DOUBLE BOX REVERSIBLE RATCHETING WRENCHES - SPLINE

- The chrome-vanadium switch lever allows for easy changes in turning direction which helps improve efficiency.
- Ratcheting spline box end is chamfered for easy application to the fastener.
- Spline design enables the wrench to contact conventional fasteners away from the corners, which applies force over a larger area, reducing risk of fastener scoring and helps prevent rounding of the corners and other fasteners damage that could lead to Foreign Object Damage (FOD).
- Black chrome finish is corrosion-resistant and cleans easily.
- Spline wrenches can be used on 4, 6, 12 point, spline and Torx® fasteners.
- The 72 tooth gear allows for 5° arc swing during use.



INCH	SPL	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
7/32 x 9/32	JSBV0709	11/16	1/8	11/16	1/8	4-1/2	0.08
1/4 x 5/16	JSBV0810	11/16	1/8	11/16	1/8	4-1/2	0.08
3/8 x 7/16	JSBV1214	7/8	1/8	7/8	1/8	5-15/16	0.12
1/2 x 9/16	JSBV1618	1	3/16	1	3/16	7-1/16	0.23
5/8 x 11/16	JSBV2022	1-3/16	3/16	1-3/16	3/16	7-7/8	0.35
3/4 x 7/8	JSBV2428	1-5/8	1/4	1-5/8	1/4	9-5/8	0.63
13/16 x 15/16	JSBV2630	1-13/16	1/4	1-13/16	1/4	10-1/4	0.84
1 x 1-1/8	JSBV3236	2-5/16	5/16	2-5/16	5/16	11-5/8	0.95

8 PIECE BLACK CHROME DOUBLE BOX REVERSIBLE RATCHETING WRENCH SET - SPLINE

Product #: JSBV-8S

SPL	INCH	Point Size	Overall Length (in)
JSBV0709	7/32 x 9/32	Spline	4-1/2
JSBV0810	1/4 x 5/16	Spline	4-1/2
JSBV1214	3/8 x 7/16	Spline	5-15/16
JSBV1618	1/2 x 9/16	Spline	7-1/16
JSBV2022	5/8 x 11/16	Spline	7-7/8
JSBV2428	3/4 x 7/8	Spline	9-5/8
JSBV2630	13/16 x 15/16	Spline	10-1/4
JSBV3236	1 x 1-1/8	Spline	11-5/8
JSBV8SP	Tool Roll		

Weight (lbs): 4.12



6 POINT | 8 POINT | 12 POINT | SPL SPLINE | HEX HEX | OPEN

4 PIECE RATCHETING WRENCH ADAPTER SET - FRACTIONAL

Product #: JHA4S

- Full polish finish provides corrosion resistance and easy-to-clean surfaces.
- Converts ratcheting wrench into super-thin ratchets or ratcheting bit drivers.
- Inserts into box end with a stable locking and release mechanism.
- Converts:
  - -3/8" Ratcheting Wrench to 1/4" Drive Bit Adapter
  - -3/8" Ratcheting Wrench to 1/4" Drive Adapter
  - -1/2" Ratcheting Wrench to 3/8" Drive Adapter
  - -3/4" Ratcheting Wrench to 1/2" Drive Adapter
- Weight (lbs): 0.21





RATCHETING WRENCH ADAPTERS

This adapter converts a ratcheting wrench into a super-thin ratchet or ratcheting bit driver to reach into difficult spaces. It fits securely into the box end of the ratcheting wrench and accepts 1/4", 3/8" or 1/2" drive sockets and 1/4" bits, depending on the size of the adapter.

A button on the top releases the socket or bit.

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OFFSET REVERSIBLE RATCHETING DOUBLE BOX WRENCHES

- 25° offset box end helps keep shank clear of obstructions.
- Built in retaining ring in each ratchet wheel adds speed and convenience for greater accessibility.
- Shorter length for access to confined work spaces.
- 6 point box end allows larger wrench to fastener contact area which helps prevent rounding of the fastener.
- 12 point box end allows for fine indexing.
- Fits 4, 6 and 12 point fasteners.
- Reversing switch lever allows for easy changes in turning direction which helps improve speed.
- The wrench self-aligns with the fastener.



INCH	6	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
7/32 x 9/32	–	J1179T	19/32	3/8	43/64	3/8	4-1/4	0.15
1/4 x 5/16	J1181-A	J1181T	19/32	3/8	41/64	3/8	4-1/4	0.15
3/8 x 7/16	J1182-A	J1182T	25/32	3/8	7/8	3/8	5-7/16	0.21
1/2 x 9/16	J1183-A	J1183T	1	1/2	1-9/64	1/2	6-3/4	0.43
5/8 x 11/16	–	J1184-A	1-19/64	1/2	1-7/16	1/2	8	0.58
5/8 x 3/4	–	J1186	1-19/64	1/2	1-7/16	1/2	8	0.58
3/4 x 7/8	–	J1185-A	1-13/32	1/2	1-9/16	1/2	9-1/8	0.77

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MM	6	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
7 x 8	J1181M-A	–	19/32	3/8	4-5/16	3/8	4-19/64	0.13
9 x 10	J1182M-A	–	25/32	3/8	5-17/32	3/8	5-33/64	0.22
11 x 13	J1183MA-A	–	1-1/64	1/2	1-5/32	1/2	6-17/32	0.32
12 x 14	J1184MA-A	–	1-1/64	1/2	1-5/32	1/2	6-17/32	0.32
15 x 17	–	J1185M-A	1-19/64	1/2	7-27/32	1/2	7-53/64	0.46
16 x 18	–	J1186M-A	1-19/64	1/2	7-27/32	1/2	7-53/64	0.46
19 x 21	–	J1187M-A	1-13/32	1/2	8-23/32	1/2	8-45/64	0.52

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6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX OPEN

5 PIECE OFFSET REVERSIBLE RATCHETING BOX WRENCH SET - 6 & 12 POINT

Product #: J1180A



6	12	INCH	Overall Length (in)
J1181-A	–	1/4 x 5/16	4-1/4
J1182-A	–	3/8 x 7/16	5-7/16
J1183-A	–	1/2 x 9/16	6-3/4
–	J1184-A	5/8 x 11/16	8
–	J1185-A	3/4 x 7/8	9-1/8
J25TR06C		Tool Roll	

Weight (lbs): 2.24

7 PIECE OFFSET REVERSIBLE RATCHETING BOX WRENCH SET - 6 & 12 POINT

Product #: J1180MA



6	12	MM	Overall Length (in)
J1181M-A	–	7 x 8	4-19/64
J1182M-A	–	9 x 10	5-33/64
J1183MA-A	–	11 x 13	6-17/32
J1184MA-A	–	12 x 14	6-17/32
–	J1185M-A	15 x 17	7-53/64
–	J1186M-A	16 x 18	7-53/64
–	J1187M-A	19 x 21	8-45/64
J25TR01C		Tool Roll	

Weight (lbs): 3.60

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REVERSIBLE RATCHETING DOUBLE BOX WRENCHES - 12 POINT

- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Built in retaining ring in each ratchet wheel adds speed and convenience for greater accessibility.
- Shorter length for access to confined work spaces.
- Reversing switch lever allows for easy changes in turning direction which helps improve speed.
- Fits 4, 6 and 12 point fasteners.



INCH	12	Overall Length (in)	Weight (lbs)
3/4 x 7/8	J1195L0	9-1/4	0.67

MM	12	Overall Length (in)	Weight (lbs)
7 x 8	J1191ML0	4-1/2	0.16
9 x 10	J1192ML0	5-1/2	0.23
11 x 12	J1193ML0	6-7/8	0.33
13 x 14	J1194ML0	6-7/8	0.61
15 x 17	J1195ML0	8-1/8	0.7

5 PIECE METRIC REVERSIBLE RATCHETING BOX WRENCH SET - 12 POINT

Product #: J1190ML0



12	MM	Point Size	Overall Length (in)
J1191ML0	7 x 8	12	4-1/2
J1192ML0	9 x 10	12	5-1/2
J1193ML0	11 x 12	12	6-7/8
J1194ML0	13 x 14	12	6-7/8
J1195ML0	15 x 17	12	8-1/8
J25TR06C	Tool Roll		

Weight (lbs): 2.03

5 PIECE REVERSIBLE RATCHETING BOX WRENCH SET - 12 POINT

Product #: J1190A



12	INCH	Point Size	Overall Length (in)
J1191T-A	1/4 x 5/16	12	4-1/2
J1192T-A	3/8 x 7/16	12	5-1/2
J1193T-A	1/2 x 9/16	12	6-7/8
J1194-A	5/8 x 11/16	12	8-1/8
J1195-A	3/4 x 7/8	12	9-1/4
J25TR06C	Tool Roll		

Weight (lbs): 2.18

RATCHETING DOUBLE BOX WRENCHES

- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Built in retaining ring in each ratchet wheel adds speed and convenience for greater accessibility.
- Shorter length for access to confined workspaces.
- Fits 4, 6 and 12 point fasteners.



INCH	6	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
1/4 x 5/16	J1191-A	J1191T-A	9/32	3/8	5/8	3/8	4-1/2	0.12
3/8 x 7/16	J1192-A	J1192T-A	3/4	3/8	7/8	3/8	5-1/2	0.17
1/2 x 9/16	J1193-A	J1193T-A	1	1/2	1-1/8	1/2	6-7/8	0.29
5/8 x 11/16	–	J1194-A	1-19/64	1/2	1-7/16	1/2	8-1/8	0.44
3/4 x 7/8	–	J1195-A	1-13/32	1/2	1-37/64	1/2	9-1/4	0.52
5/8 x 3/4	–	J1196-A	1-19/64	1/2	1-7/16	1/2	8-1/8	0.47
13/16 x 15/16	–	J1197-A	1-13/32	1/2	1-37/64	1/2	9-1/4	0.52
1 x 1-1/16	–	J1198	1-29/32	9/16	2-1/4	9/16	15	0.56
1-1/8 x 1-1/4	–	J1199	1-29/32	9/16	2-1/4	9/16	15	0.60

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MM	6	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
7 x 8	J1191M-A	–	19/32	3/8	4-5/16	3/8	4-19/64	0.12
9 x 10	J1192M-A	–	25/32	3/8	5-17/32	3/8	5-33/64	0.17
11 x 13	J1193MA-A	–	1-1/64	1/2	1-5/32	1/2	6-13/16	0.31
12 x 14	J1194MA-A	–	1-1/64	1/2	1-5/32	1/2	9-1/4	0.39
15 x 17	–	J1195M-A	1-19/64	1/2	8-1/8	1/2	8-7/64	0.48
16 x 18	–	J1196M	1-19/64	1/2	8-1/8	1/2	8-7/64	0.48
19 x 21	–	J1197M	1-13/32	1/2	9-1/4	1/2	9-15/64	0.55

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5 PIECE RATCHETING BOX WRENCH SET - 6 & 12 POINT

Product #: J1190MA

6	12	MM	Overall Length (in)
J1191M-A	–	7 x 8	4-19/64
J1192M-A	–	9 x 10	5-33/64
J1193MA-A	–	11 x 13	6-13/16
J1194MA-A	–	12 x 14	9-1/4
–	J1195M-A	15 x 17	8-7/64
J25TR06C		Tool Roll	

Weight (lbs): 1.55



3 PIECE RATCHETING BOX WRENCH SET - 12 POINT

Product #: J1190B

12	INCH	Point Size	Overall Length (in)
J1192T-A	3/8 x 7/16	12	5-1/2
J1193T-A	1/2 x 9/16	12	6-7/8
J1196-A	5/8 x 3/4	12	8-1/8
J25TR17C	Tool Roll		10

Weight (lbs): 1.10



REFRIGERATION WRENCHES

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

SQUARE	HEX	Product #	Overall Length (in)	Weight (lbs)
1/4 x 3/16	9/16 x 1/2	J1111	6-3/4	0.35
1/4 x 3/8 3/16 x 5/16	–	J1112	5-1/2	0.25



6 6 POINT | 8 8 POINT | 12 12 POINT | SPL SPLINE | HEX HEX | OPEN

RATCHETING FLARE NUT WRENCHES - 12 POINT

- Designed for use on 6 and 12 point tube fittings, hydraulic lines, fasteners, valves, and compression fittings.
- Distinct design only requires 30° rotation to engage ratcheting feature.
- Carbon steel jaws snap open, then close around fastener.
- Easy access to tight locations.
- Non-reflective black oxide finish for use where non-plated products are required.
- Pivoting head allows user to place the wrench over the connected pipes to reach the fastener.

INCH	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Overall Length (in)	Weight (lbs)
3/8	J3812A	1	9/32	5-7/16	0.17
7/16	J3814A	1	9/32	5-7/16	0.17
1/2	J3816A	1	9/32	5-7/16	0.17
9/16	J3818A	1-5/16	3/8	7-1/4	0.31
5/8	J3820A	1-5/16	3/8	7-1/4	0.31
11/16	J3822A	1-5/16	3/8	7-1/4	0.31
3/4	J3824A	1-5/16	3/8	7-1/4	0.31
13/16	J3826A	1-11/16	7/16	9-3/8	0.58
7/8	J3828A	1-11/16	7/16	9-3/8	0.58
15/16	J3830A	1-11/16	1/2	9-3/8	0.58
1	J3832A	1-11/16	1/2	9-3/8	0.58

7 PIECE RATCHETING FLARE NUT WRENCH SET - 12 POINT (Coming 2026)

Product #: J3800AA

12	INCH	Point Size	Overall Length (in)
J3812A	3/8	12	5-7/16
J3814A	7/16	12	5-7/16
J3816A	1/2	12	5-7/16
J3818A	9/16	12	7-1/4
J3820A	5/8	12	7-1/4
J3822A	11/16	12	7-1/4
J3824A	3/4	12	7-1/4
J25TR03C	Tool Roll		

Weight (lbs): 1.93

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COMBINATION WRENCHES

TORQUEPLUS FASTENING SYSTEM

- Satin and Black Oxide finish meets ASME B107.100-2010 only.
- Non-reflective black oxide finish for use where non-plated products are required.
- Anti-Slip Design (ASD) open end.
- Fractional sizes 11/32" and smaller and sizes 1-5/16" and larger do not have the ASD feature.
- Box ends incorporate the TorquePlus™ system.
- Box end is chamfered for easy application to the fastener.

INCH	6	6	12	12	12	Throat Depth (in) (B)	Outside Head Width (in) (C)	Head Thickness (in) (D)	Outside Head Width (in) (C1)	Head Thickness (in) (D1)	Overall Length (in)	Weight (lbs)
1/4	–	–	J1208-T500*	J1208A	–	19/64	39/64	1/4	27/64	15/64	4-7/8	0.04
9/32	–	–	J1209-T500*	J1209A	–	23/64	41/64	3/16	29/64	7/32	5-5/32	0.06
5/16	–	–	J1210-T500*	J1210A	–	3/8	45/64	9/32	33/64	17/64	5-3/8	0.08
11/32	–	–	J1211-T500*	J1211A	–	13/32	25/32	3/16	17/32	7/32	5-5/8	0.08
3/8	J1212H-T500	J1212HASD	J1212-T500*	J1212ASD	J1212BASD*	13/32	13/16	3/16	39/64	5/16	6	0.11
7/16	J1214H-T500	J1214HASD	J1214-T500*	J1214ASD	J1214BASD*	17/32	15/16	7/32	43/64	17/64	6-1/4	0.14
1/2	J1216H-T500	J1216HASD	J1216-T500*	J1216ASD	J1216BASD*	39/64	1-5/16	1/4	49/64	11/32	8	0.18
9/16	J1218H-T500	J1218HASD	J1218-T500*	J1218ASD	J1218BASD*	11/16	1-3/16	3/8	3/4	23/64	8-7/8	0.21
5/8	J1220H-T500	J1220HASD	J1220-T500*	J1220ASD	J1220BASD*	3/4	1-21/64	19/64	55/64	13/32	8-5/8	0.29
11/16	J1222H-T500	J1222HASD	J1222-T500*	J1222ASD	J1222BASD*	13/16	1-29/64	5/16	61/64	7/16	9-13/32	0.35
3/4	J1224H-T500	J1224HASD	J1224-T500*	J1224ASD	J1224BASD*	57/64	1-37/64	11/32	1-3/32	15/32	10-1/8	0.41
13/16	J1226H-T500	J1226HASD	J1226-T500*	J1226ASD	J1226BASD*	31/32	1-11/16	23/64	1-11/64	1/2	11-7/8	0.54
7/8	J1228H-T500	J1228HASD	J1228-T500*	J1228ASD	J1228BASD*	1-1/16	1-13/16	17/32	1-1/4	33/64	12-1/2	0.65
15/16	J1230H-T500	J1230HASD	J1230-T500*	J1230ASD	J1230BASD*	1-1/8	1-29/32	19/32	1-27/64	37/64	13-1/4	0.74
1	J1232H-T500	J1232HASD	J1232-T500*	J1232ASD	J1232BASD*	1-13/64	2-1/64	19/32	1-13/32	47/64	12-7/8	0.95
1-1/16	–	J1234HASD	J1234-T500*	J1234ASD	J1234BASD*	1-9/32	2-9/64	5/8	1-31/64	39/64	15-1/4	1.13
1-1/8	–	J1236HASD	J1236-T500*	J1236ASD	J1236BASD*	1-23/64	2-17/64	21/32	1-21/32	41/64	14-7/8	1.38
1-3/16	–	J1238HASD	–	J1238ASD	–	1-23/64	2-25/64	3/4	1-21/32	23/64	15-7/8	1.54
1-1/4	–	J1240HASD	J1240-T500*	J1240ASD	J1240BASD*	1-1/2	2-33/64	23/32	1-3/4	47/64	16-7/8	1.89
1-5/16	–	–	–	J1242	J1242B	1-37/64	2-41/64	3/4	1-27/32	3/4	17-5/8	2.15
1-3/8	–	–	–	J1244	J1244B	1-21/32	2-49/64	35/64	1-15/16	25/32	18-1/2	2.34
1-7/16	–	–	–	J1246	J1246B	1-47/64	2-57/64	13/16	2-3/64	51/64	19-3/8	2.67
1-1/2	–	–	–	J1248	J1248B	1-51/64	3-1/64	27/32	2-1/8	53/64	20-1/4	3.18
1-9/16	–	–	–	–	J1250B	1.795	5-63/64	39/64	2-9/64	13/16	20-5/16	3.18
1-5/8	–	–	–	J1252	J1252B	2.015	3-25/64	1/16	2-27/64	29/32	23	4.68
1-11/16	–	–	–	J1254	J1254B	1-63/64	3-25/64	21/32	2-13/32	29/32	23	4.74
1-3/4	–	–	–	J1256	J1256B	2-11/64	3-41/64	45/64	2-39/64	31/32	25	5.64
1-13/16	–	–	–	J1258	J1258B	2-11/64	3-41/64	45/64	2-39/64	31/32	25	5.64
1-7/8	–	–	–	J1260	J1260B	2-25/64	4-1/64	49/64	2-57/64	1-1/16	28	7.46
2	–	–	–	J1264	J1264B	2-25/64	4-1/64	49/64	2-57/64	11/16	28	7.35
2-1/16	–	–	–	J1266	–	2-45/64	4-33/64	27/32	3-1/4	13/16	29-1/2	9.88
2-1/8	–	–	–	J1268	–	2-45/64	4-33/64	27/32	3-1/4	13/16	29-1/2	9.74
2-3/16	–	–	–	J1270	–	2-45/64	4-33/64	27/32	3-1/4	1-3/16	29-1/2	9.45
2-1/4	–	–	–	J1272	–	2-45/64	4-33/64	27/32	3-1/4	1-3/16	29-1/2	8.25
2-3/8	–	–	–	J1276	–	2-55/64	5	31/32	3-5/8	1-5/16	31-1/2	13.12
2-1/2	–	–	–	J1280	–	3	5	31/32	3-5/8	1-5/16	31-1/2	12.49
2-9/16	–	–	–	J1282	–	2-1/2	4-1/2	1	3-5/8	1-1/2	29-3/4	13.00
2-5/8	–	–	–	J1284	–	2-5/8	4-3/4	1	3-3/4	1-11/16	29-3/4	13.00
2-3/4	–	–	–	J1288	–	2-9/16	4-3/4	1	3-3/4	1-11/16	29-3/4	13.00
2-13/16	–	–	–	–	J1290	2-15/16	5-1/2	1-1/8	4-1/4	1-1/2	34	18.00
2-7/8	–	–	–	–	J1292	2-7/8	5-1/2	1-1/8	4-3/4	1-7/16	34	18.00
2-15/16	–	–	–	–	J1294	2-15/16	5-1/2	1-1/8	4-3/4	1-1/2	34	18.00
3	–	–	–	–	J1296	2-15/16	5-1/2	1-1/8	4-3/4	1-1/2	34	18.00
3-1/8	–	–	–	–	J12100	2-7/8	5-1/2	1-1/8	4-3/4	1-1/2	34	18.00
3-1/4	–	–	–	–	J12104	4	7	1-11/16	5-1/2	2	37	35.00
3-1/2	–	–	–	–	J12112	3-7/8	7	1-5/8	5-7/8	2-1/8	37	35.00
3-7/8	–	–	–	–	J12124	3-3/4	7	1-5/8	6-1/8	2-1/4	37	35.00

*SAE AS954G ASME B107.100-2010

6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX OPEN

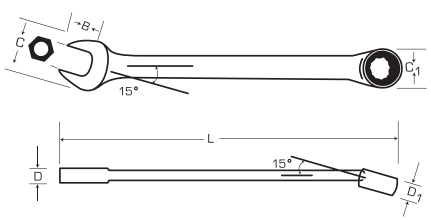
METRIC COMBINATION WRENCHES

- Metric sizes 9mm and smaller and sizes 36 mm and larger do not have the ASD feature.
- Satin and Black Oxide finish meets ASME B107.100-2010 only.
- Non-reflective black oxide finish for use where non-plated products are required.

MM	6	6	12	12	12	Throat Depth (in) (B)	Outside Head Width (in) (C)	Head Thickness (in) (D)	Outside Head Width (in) (C1)	Head Thickness (in) (D1)	Overall Length (in)	Weight (lbs)
6	–	–	–	–	J1206MBA*	19/64	35/64	5/32	25/64	5/32	4-29/32	0.05
7	J1207MH-T500	–	J1207M-T500*	J1207MA	J1207MBA*	5/16	19/32	1/4	13/32	15/64	5-5/32	0.06
8	J1208MH-T500	–	J1208M-T500*	J1208MA	J1208MBA*	25/64	11/16	9/32	1/2	17/64	5-13/32	0.07
9	J1209MH-T500	–	J1209M-T500*	J1209MA	J1209MBA*	13/32	3/4	9/32	35/64	17/64	5-21/32	0.08
10	–	J1210MHASD	J1210M-T500*	J1210MASD	J1210MBASD*	31/64	7/8	7/32	21/32	5/16	5-29/32	0.11
11	J1211MH-T500	J1211MHASD	J1211M-T500*	J1211MASD	J1211MBASD*	33/64	59/64	11/32	11/16	21/64	6-1/4	0.15
12	J1212MH-T500	J1212MHASD	J1212M-T500*	J1212MASD	J1212MBASD*	9/16	1	1/4	47/64	11/32	7-45/64	0.18
13	J1213MH-T500	J1213MHASD	J1213M-T500*	J1213MASD	J1213MBASD*	39/64	1-1/32	1/4	25/32	11/32	7-29/32	0.21
14	J1214MH-T500	J1214MHASD	J1214M-T500*	J1214MASD	J1214MBASD*	11/16	1-3/16	3/8	55/64	23/64	8-13/16	0.29
15	J1215MH-T500	J1215MHASD	J1215M-T500*	J1215MASD	J1215MBASD*	3/4	1-1/4	3/8	55/64	23/64	8-5/8	0.25
16	J1216MH-T500	J1216MHASD	J1216M-T500*	J1216MASD	J1216MBASD*	3/4	1-21/64	5/16	15/16	13/32	9-35/64	0.26
17	J1217MH-T500	J1217MHASD	J1217M-T500*	J1217MASD	J1217MBASD*	53/64	1-25/64	21/64	59/64	7/16	9-13/32	0.38
18	J1218MH-T500	J1218MHASD	J1218M-T500*	J1218MASD	J1218MBASD*	55/64	1-33/64	15/32	1-1/64	29/64	10-1/8	0.41
19	J1219MH-T500	J1219MHASD	J1219M-T500*	J1219MASD	J1219MBASD*	29/32	1-37/64	11/32	1-7/64	15/32	10-1/2	0.46
20	–	–	J1220M-T500*	J1220MASD	J1220MBASD*	63/64	1-11/16	1/2	1-3/16	31/64	11-27/64	0.55
21	–	–	J1221M-T500*	J1221MASD	J1221MBASD*	63/64	1-11/16	1/2	1-3/16	31/64	11-13/16	0.54
22	–	–	J1222M-T500*	J1222MASD	J1222MBASD*	1-3/64	1-25/32	3/8	1-17/64	1/2	12-17/32	0.62
23	–	–	J1223M-T500*	J1223MASD	J1223MBASD*	1-1/8	1-57/64	9/16	1-11/32	35/64	12-59/64	0.77
24	–	–	J1224M-T500*	J1224MASD	J1224MBASD*	1-1/8	1-57/64	9/16	1-11/32	37/64	12-7/8	0.77
25	–	–	J1225M-T500*	J1225MASD	J1225MBASD*	1-13/64	2	27/64	1-27/64	37/64	12-7/8	0.85
26	–	–	J1226M-T500*	J1226MASD	J1226MBASD*	1-13/64	2-1/64	27/64	1-27/64	19/32	14-41/64	0.97
27	–	–	J1227M-T500*	J1227MASD	J1227MBASD*	1-7/32	2-9/64	5/8	1-31/64	21/32	14-7/8	1.17
28	–	–	J1228M-T500*	J1228MASD	J1228MBASD*	1-23/64	2-17/64	21/32	1-21/32	21/32	14-7/8	1.37
29	–	–	J1229M-T500	J1229MASD	–	1-23/64	2-17/64	21/32	1-49/64	21/32	14-7/8	1.39
30	–	–	J1230M-T500*	J1230MASD	J1230MBASD*	1-23/64	2-17/64	21/32	2-3/64	47/64	15-55/64	1.41
32	–	–	J1232M-T500*	J1232MASD	J1232MBASD*	1-1/2	2-33/64	23/32	2-27/64	47/64	16-59/64	1.82
36	–	–	–	J1236M	–	1-23/64	2-17/64	41/64	1-21/32	41/64	15-7/8	1.38
41	–	–	–	J1241M	–	2-1/64	3-25/64	15/16	2-27/64	59/64	23	4.34
46	–	–	–	J1246M	–	2-11/64	3-41/64	43/64	2-39/64	31/32	25	5.50
50	–	–	–	J1250M	–	2-25/64	4-1/64	47/64	2-57/64	1-1/16	28	6.97
55	–	–	–	J1255M	–	2-9/16	4-1/4	1	3-1/4	1-3/16	28-3/4	10.00
60	–	–	–	J1260M	–	2-13/32	4-1/2	1	3-5/8	1-1/2	29-3/4	13.00
65	–	–	–	J1265M	–	2-3/8	4-1/2	1	3-5/8	1-1/2	29-3/4	13.00
70	–	–	–	J1270M	–	2-9/16	4-3/4	1	3-3/4	1-5/8	29-3/4	13.00
75	–	–	–	–	J1275M	2-15/16	5-1/2	1-1/8	4-3/4	1-1/2	34	18.00
80	–	–	–	–	J1280M	2-7/8	5-1/2	1-1/8	4-3/4	1-9/16	34	18.00

*SAE AS955 ASME B107.100-2010





FULL POLISH · SATIN · BLACK OXIDE · BLACK CHROME · INSULATED

FULL POLISH COMBINATION WRENCHES - SPLINE

- Proto Spline Tools are designed to service high tensile strength fasteners used widely on military and commercial aircraft and in heavy machinery applications where vibration is prevalent. They are also used in automotive and industrial areas where high performance torque needs to be achieved.
- Spline fasteners help tighten high strength bolts to high torque loads.
- They help lower the force required to turn standard fasteners by allowing the torque load to be moved away from the corners, helping prevent fastener rounding. They also turn fasteners with damaged corners.
- Spline helps reduce foreign object debris (FOD) by having a precise fit between the fastening tool and its fastener.
- Full polish finish provides corrosion resistance and an easy to clean surface.
- Anti-Slip Design (ASD) open end.



INCH	SPL	Throat Depth 1 (in)	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
1/4	J1208SPL	17/64	35/64	3/16	25/64	11/64	4-29/32	0.06
9/32	J1209SPL	19/64	39/64	3/16	7/16	11/64	5-5/32	0.07
5/16	J1210SPL	21/64	11/16	11/64	31/64	3/16	5-27/64	0.08
11/32	J1211SPL	23/64	25/32	3/16	35/64	7/32	5-21/32	0.09
3/8	J1212SPL	13/32	27/32	1/4	37/64	15/64	5-59/62	0.10
7/16	J1214SPL	15/32	15/16	9/32	43/64	17/64	6-29/32	0.14
1/2	J1216SPL	17/32	1-5/64	1/4	47/64	5/16	7-29/32	0.20
9/16	J1218SPL	19/32	1-13/64	9/32	13/16	11/32	8-53/64	0.26
5/8	J1220SPL	43/64	1-21/64	19/64	57/64	3/8	9-35/64	0.34
11/16	J1222SPL	47/64	1-7/16	5/16	63/64	13/32	10-19/64	0.42
3/4	J1224SPL	51/64	1-37/64	11/32	1-5/64	15/32	11-3/64	0.50
13/16	J1226SPL	55/64	1-23/32	17/32	1-3/16	33/64	11-53/64	0.59
7/8	J1228SPL	15/16	1-27/32	3/8	1-1/4	17/32	12-17/32	0.73
15/16	J1230SPL	1	1-31/32	19/32	1-23/64	37/64	13-5/16	0.90
1	J1232SPL	1-1/16	2-3/32	19/32	1-29/64	37/64	14-1/16	1.10

15 PIECE FULL POLISH COMBINATION WRENCH SET- SPLINE

Product #: J1200SPL

SPL	INCH	Overall Length (in)
J1208SPL	1/4	3-1/32
J1209SPL	9/32	3-1/32
J1210SPL	5/16	3-7/32
J1211SPL	11/32	3-5/16
J1212SPL	3/8	3- 17/32
J1214SPL	7/16	3-17/32
J1216SPL	1/2	3-19/32
J1218SPL	9/16	3-27-32
J1220SPL	5/8	4-1/16
J1222SPL	11/16	4-9/32
J1224SPL	3/4	5
J1226SPL	13/16	5-9/16
J1228SPL	7/8	5-25/32
J1230SPL	15/16	5-31/32
J1232SPL	1	6-7/32

Weight (lbs): 6.63



6 POINT | 8 POINT | 12 POINT | SPL SPLINE | HEX HEX | OPEN

31 PIECE SATIN COMBINATION ASD WRENCH SET - 12 POINT

Product #: J1200-90ASD



12	INCH	Point Size	Overall Length (in)
J1210A	5/16	12	5-3/8
J1212ASD	3/8	12	6
J1214ASD	7/16	12	7
J1216ASD	1/2	12	8
J1218ASD	9/16	12	8-7/8
J1220ASD	5/8	12	9-1/2
J1222ASD	11/16	12	10-1/4
J1224ASD	3/4	12	11
J1226ASD	13/16	12	11-7/8
J1228ASD	7/8	12	12-1/2
J1230ASD	15/16	12	13-1/4
J1232ASD	1	12	14
J1234ASD	1-1/16	12	15-1/4
J1236ASD	1-1/8	12	15-7/8
J1240ASD	1-1/4	12	16-7/8
J1242	1-5/16	12	17-5/8
J1244	1-3/8	12	18-1/2
J1246	1-7/16	12	19-3/8
J1248	1-1/2	12	20-1/4
J1252	1-5/8	12	23
J1254	1-11/16	12	23
J1256	1-3/4	12	25
J1258	1-13/16	12	25
J1260	1-7/8	12	28
J1264	2	12	28
J1266	2-1/16	12	29-1/2
J1268	2-1/8	12	29-1/2
J1270	2-3/16	12	29-1/2
J1272	2-1/4	12	29-1/2
J1276	2-3/8	12	31-1/2
J1280	2-1/2	12	31-1/2
J25TR34C	Tool Roll		

Weight (lbs):124 ASME B107.100

26 PIECE SATIN COMBINATION ASD WRENCH SET - 12 POINT

Product #: J1200-80ASD



12	INCH	Point Size	Overall Length (in)
J1208A	1/4	12	4-7/8
J1210A	5/16	12	5-3/8
J1212ASD	3/8	12	6
J1214ASD	7/16	12	7
J1216ASD	1/2	12	8
J1218ASD	9/16	12	8-7/8
J1220ASD	5/8	12	9-1/2
J1222ASD	11/16	12	10-1/4
J1224ASD	3/4	12	11
J1226ASD	13/16	12	11-7/8
J1228ASD	7/8	12	12-1/2
J1230ASD	15/16	12	13-1/4
J1232ASD	1	12	14
J1234ASD	1-1/16	12	15-1/4
J1236ASD	1-1/8	12	15-7/8
J1240ASD	1-1/4	12	16-7/8
J1242	1-5/16	12	17-5/8
J1244	1-3/8	12	18-1/2
J1246	1-7/16	12	19-3/8
J1248	1-1/2	12	20-1/4
J1252	1-5/8	12	23
J1254	1-11/16	12	23
J1256	1-3/4	12	25
J1258	1-13/16	12	25
J1260	1-7/8	12	28
J1264	2	12	28

Weight (lbs):57.42 ASME B107.100

FULL POLISH SATIN BLACK OXIDE BLACK CHROME INSULATED

16 PIECE SATIN COMBINATION WRENCH SET - 12 POINT

Product #: J1200F-HD

12	INCH	Point Size	Overall Length (in)
J1242	1-5/16	12	17-5/8
J1244	1-3/8	12	18-1/2
J1246	1-7/16	12	19-3/8
J1248	1-1/2	12	20-1/4
J1252	1-5/8	12	23
J1254	1-11/16	12	23
J1256	1-3/4	12	25
J1258	1-13/16	12	25
J1260	1-7/8	12	28
J1264	2	12	28
J1266	2-1/16	12	29-1/2
J1268	2-1/8	12	29-1/2
J1270	2-3/16	12	29-1/2
J1272	2-1/4	12	29-1/2
J1276	2-3/8	12	31-1/2
J1280	2-1/2	12	31-1/2

Weight (lbs): 113.5 ASME B107.100



15 PIECE COMBINATION ASD WRENCH SETS - 12 POINT

12 J1200F-T500*	12 J1200FASD	INCH	Point Size	Overall Length (in)
J1210-T500	J1210A	5/16	12	5-3/8
J1212-T500	J1212ASD	3/8	12	6
J1214-T500	J1214ASD	7/16	12	7
J1216-T500	J1216ASD	1/2	12	8
J1218-T500	J1218ASD	9/16	12	8-7/8
J1220-T500	J1220ASD	5/8	12	9-1/2
J1222-T500	J1222ASD	11/16	12	10-1/4
J1224-T500	J1224ASD	3/4	12	11
J1226-T500	J1226ASD	13/16	12	11-7/8
J1228-T500	J1228ASD	7/8	12	12-1/2
J1230-T500	J1230ASD	15/16	12	13-1/4
J1232-T500	J1232ASD	1	12	14
J1234-T500	J1234ASD	1-1/16	12	15-1/4
J1236-T500	J1236ASD	1-1/8	12	15-7/8
J1240-T500	J1240ASD	1-1/4	12	16-7/8
J25TR34C	J25TR34C	Tool Roll		

Weight (lbs): 9.75 *SAE AS954G ASME B107.100-2010



6 POINT 8 POINT 12 12 POINT SPL SPLINE HEX HEX OPEN

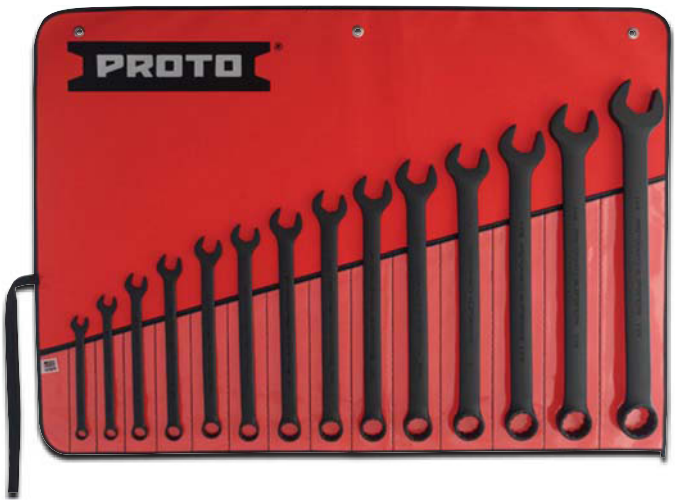
14 PIECE BLACK OXIDE COMBINATION ASD WRENCH SET - 12 POINT

Product #: J1200FBASD

- Non-reflective black oxide finish for use where non-plated products are required.

12	INCH	Point Size	Overall Length (in)
J1212BASD	3/8	12	6
J1214BASD	7/16	12	7
J1216BASD	1/2	12	8-7/8
J1218BASD	9/16	12	8-7/8
J1220BASD	5/8	12	9-1/2
J1222BASD	11/16	12	10-1/4
J1224BASD	3/4	12	11
J1226BASD	13/16	12	11-7/8
J1228BASD	7/8	12	12-1/2
J1230BASD	15/16	12	13-1/4
J1232BASD	1	12	14
J1234BASD	1-1/16	12	15-1/4
J1236BASD	1-1/8	12	15-7/8
J1240BASD	1-1/4	12	16-7/8
J25TR41C	Tool Roll		

Weight (lbs): 9.70 SAE AS954G ASME B107.100-2010



11 PIECE COMBINATION ASD WRENCH SETS - 12 POINT

12 J1200H11T5	12 J1200GASD11	INCH	Point Size	Overall Length (in)
–	J1208A	1/4	12	4-7/8
J1212-T500	J1212ASD	3/8	12	6
J1214-T500	J1214ASD	7/16	12	7
J1216-T500	J1216ASD	1/2	12	8
J1218-T500	J1218ASD	9/16	12	8-7/8
J1220-T500	J1220ASD	5/8	12	9-1/2
J1222-T500	J1222ASD	11/16	12	10-1/4
J1224-T500	J1224ASD	3/4	12	11
J1226-T500	J1226ASD	13/16	12	11-7/8
J1228-T500	J1228ASD	7/8	12	12-1/2
J1230-T500	J1230ASD	15/16	12	13-1/4
J1232-T500	–	1	12	14

Weight (lbs): 12.50 *SAE AS954G ASME B107.100-2010



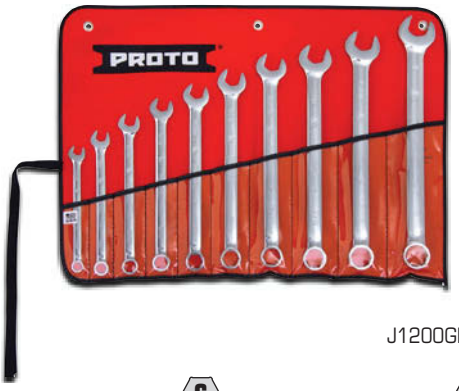
J1200H11T5



J1200GASD11

FULL POLISH SATIN BLACK OXIDE BLACK CHROME INSULATED

10 PIECE COMBINATION ASD WRENCH SETS



J1200GHASD-T500



J1200GASD

6 J1200GHASDT500	6 J1200GHASD	12 J1200GASD	INCH	Overall Length (in)
J1214HASD-T500	J1214HASD	J1214ASD	7/16	7
J1216HASD-T500	J1216HASD	J1216ASD	1/2	8
J1218HASD-T500	J1218HASD	J1218ASD	9/16	8-7/8
J1220HASD-T500	J1220HASD	J1220ASD	5/8	9-1/2
J1222HASD-T500	J1222HASD	J1222ASD	11/16	10-1/4
J1224HASD-T500	J1224HASD	J1224ASD	3/4	11
J1226HASD-T500	J1226HASD	J1226ASD	13/16	11-7/8
J1228HASD-T500	J1228HASD	J1228ASD	7/8	12-1/2
J1230HASD-T500	J1230HASD	J1230ASD	15/16	13-1/4
J1232HASD-T500	J1232HASD	J1232ASD	1	14
J25TR05C	J25TR05C	J25TR05C	Tool Roll	

Weight (lbs): 4.88

ASME B107.100-2010

7 PIECE COMBINATION ASD WRENCH SETS - 12 POINT



J1200HASD



J1200HBASD

12 J1200H-T500*	12 J1200HASD	12 J1200HBASD*	INCH	Point Size	Overall Length (in)
J1212-T500	J1212ASD	J1212BASD	3/8	12	6
J1214-T500	J1214ASD	J1214BASD	7/16	12	7
J1216-T500	J1216ASD	J1216BASD	1/2	12	8
J1218-T500	J1218ASD	J1218BASD	9/16	12	8-7/8
J1220-T500	J1220ASD	J1220BASD	5/8	12	9-1/2
J1222-T500	J1222ASD	J1222BASD	11/16	12	10-1/4
J1224-T500	J1224ASD	J1224BASD	3/4	12	11
J25TR33C	J25TR37C	J25TR37C	Tool Roll		

Weight (lbs): 2.40

*SAE AS954G ASME B107.100-2010

6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX OPEN

18 PIECE SATIN COMBINATION ASD WRENCH SET- 12 POINT

Product #: J1200CS

12	INCH	MM	Point Size	Overall Length (in)
J1208A	1/4		12	5-5/32
J1210A	5/16		12	5-13/32
J1212ASD	3/8		12	6-29/32
J1214ASD	7/16		12	8-13/16
J1216ASD	1/2		12	10-9/32
J1218ASD	9/16		12	9-5/32
J1220ASD	5/8		12	10-9/32
J1222ASD	11/16		12	10-11/16
J1224ASD	3/4		12	11
J1210MASD		10mm	12	5-21/32
J1211MASD		11mm	12	5-29/32
J1212MASD		12mm	12	7-45/64
J1213MASD		13mm	12	7-29/32
J1214MASD		14mm	12	9-5/32
J1215MASD		15mm	12	9-35/64
J1216MASD		16mm	12	10-11/16
J1217MASD		17mm	12	8-13/16
J1218MASD		18mm	12	9-35/64

Weight (lbs): 4.72

ASME B107.100



18 PIECE SATIN METRIC COMBINATION ASD WRENCH SET - 12 POINT

Product #: J1200R-MASD

12	MM	Point Size	Overall Length (in)
J1207M-T500	7	12	5-5/32
J1208M-T500	8	12	5-13/32
J1209M-T500	9	12	5-21/32
J1210M-T500	10	12	5-29/32
J1211M-T500	11	12	6-29/32
J1212M-T500	12	12	7-45/64
J1213M-T500	13	12	7-29/32
J1214M-T500	14	12	8-13/16
J1215M-T500	15	12	9-5/32
J1216M-T500	16	12	9-35/64
J1217M-T500	17	12	10-9/32
J1218M-T500	18	12	10-11/16
J1219M-T500	19	12	11-1/32
J1220M-T500	20	12	11-27/64
J1221M-T500	21	12	11-13/16
J1222M-T500	22	12	12-17/32
J1224M-T500	23	12	12-59/64
J25TR36C	24	12	13-5/16
J25TR42C	Tool Roll		

Weight (lbs): 8.10

ASME B107.100-2010



FULL POLISH · SATIN · BLACK OXIDE · BLACK CHROME · INSULATED

17 PIECE FULL POLISH METRIC COMBINATION WRENCH SET - 12 POINT

Product #: J1200RM-T500

12	MM	Point Size	Overall Length (in)
J1207M-T500	7	12	5-5/32
J1208M-T500	8	12	5-13/32
J1209M-T500	9	12	5-21/32
J1210M-T500	10	12	5-29/32
J1211M-T500	11	12	6-29/32
J1212M-T500	12	12	7-45/64
J1213M-T500	13	12	7-29/32
J1214M-T500	14	12	8-13/16
J1215M-T500	15	12	9-5/32
J1216M-T500	16	12	9-35/64
J1217M-T500	17	12	10-9/32
J1218M-T500	18	12	10-11/16
J1219M-T500	19	12	11-1/32
J1220M-T500	20	12	11-27/64
J1221M-T500	21	12	11-13/16
J1222M-T500	22	12	12-17/32
J1224M-T500	24	12	13-5/16
J25TR36C	Tool Roll		

Weight (lbs): 6.92 SAE AS955 ASME B107.100-2010



15 PIECE METRIC COMBINATION ASD WRENCH SETS - 12 POINT

12 J1200F-MASD	12 J1200F-MBASD®	MM	Point Size	Overall Length (in)
J1207MA	J1207MBA	7	12	5-5/32
J1208MA	J1208MBA	8	12	5-13/32
J1209MA	J1209MBA	9	12	5-21/32
J1210MASD	J1210MBASD	10	12	5-29/32
J1211MASD	J1211MBASD	11	12	6-29/32
J1212MASD	J1212MBASD	12	12	7-45/64
J1213MASD	J1213MBASD	13	12	7-29/32
J1214MASD	J1214MBASD	14	12	8-13/16
J1215MASD	J1215MBASD	15	12	9-5/32
J1216MASD	J1216MBASD	16	12	9-35/64
J1217MASD	J1217MBASD	17	12	10-9/32
J1218MASD	J1218MBASD	18	12	10-11/16
J1219MASD	J1219MBASD	19	12	11-1/32
J1220MASD	J1220MBASD	20	12	11-27/64
J1221MASD	J1221MBASD	21	12	11-13/16
J25TR41C	J25TR41C	Tool Roll		

Weight (lbs): 4.25 SAE AS955 ASME B107.100-2010



J1200F-MBASD

6 POINT 8 POINT 12 POINT SPL SPLINE HEX HEX OPEN

15 PIECE SATIN METRIC COMBINATION ASD WRENCH SET - 12 POINT

Product #: J1200P-MASD

12	MM	Point Size	Overall Length (in)
J1207MA	7	12	5-5/32
J1208MA	8	12	5-13/32
J1210MASD	10	12	5-29/32
J1212MASD	12	12	7-45/64
J1214MASD	14	12	8-13/16
J1216MASD	16	12	9-35/64
J1218MASD	18	12	10-11/16
J1220MASD	20	12	11-27/64
J1222MASD	22	12	12-17/32
J1224MASD	24	12	13-5/16
J1226MASD	26	12	14-41/64
J1228MASD	28	12	15-35/64
J1229MASD	29	12	15-55/64
J1230MASD	30	12	15-55/64
J1232MASD	32	12	16-59/64
J25TR41C	Tool Roll		

Weight (lbs): 4.25

ASME B107.100



11 PIECE FULL POLISH METRIC COMBINATION WRENCH SET - 12 POINT

Product #: J1200HM11T5

12	MM	Point Size	Overall Length (in)
J1207M-T500	7	12	5-5/32
J1209M-T500	9	12	5-21/32
J1210M-T500	10	12	5-29/32
J1211M-T500	11	12	6-29/32
J1212M-T500	12	12	7-45/64
J1213M-T500	13	12	7-29/32
J1214M-T500	14	12	8-13/16
J1215M-T500	15	12	9-5/32
J1217M-T500	17	12	10-9/32
J1218M-T500	18	12	10-11/16
J1219M-T500	19	12	11-1/32

Weight (lbs): 2.89

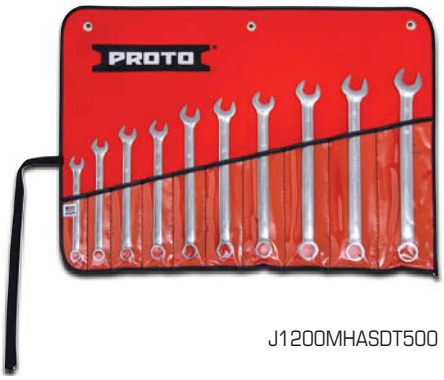
SAE AS955

ASME B107.100-2010



FULL POLISH · SATIN · BLACK OXIDE · BLACK CHROME · INSULATED

10 PIECE METRIC COMBINATION ASD WRENCH SETS



J1200MHASDT500



J1200K-MASD

6 J1200MHASDT500	12 J1200K-MASD	MM	Overall Length (in)
J1210MH-T500	J1210MASD	10	5-29/32
J1211MH-T500	J1211MASD	11	6-29/32
J1212MH-T500	J1212MASD	12	7-45/64
J1213MH-T500	J1213MASD	13	7-29/32
J1214MH-T500	J1214MASD	14	8-13/16
J1215MH-T500	J1215MASD	15	9-5/32
J1216MH-T500	J1216MASD	16	9-35/64
J1217MH-T500	J1217MASD	17	10-9/32
J1218MH-T500	J1218MASD	18	10-11/16
J1219MH-T500	J1219MASD	19	11-1/32
J25TR39C	J25TR39C	Toll Roll	

Weight (lbs): 2.71 ASME B107.100-2010

9 PIECE METRIC COMBINATION ASD WRENCH SETS - 12 POINT

12 J1200HM-T500	MM	Point Size	Overall Length (in)
J1207M-T500	7	12	5-5/32
J1208M-T500	8	12	5-13/32
J1209M-T500	9	12	5-21/32
J1210M-T500	10	12	5-29/32
J1211M-T500	11	12	6-29/32
J1212M-T500	12	12	7-45/64
J1213M-T500	13	12	7-29/32
J1214M-T500	14	12	8-13/16
J1215M-T500	15	12	9-5/32
J25TR35C	Tool Roll		

Weight (lbs): 1.43 SAE AS955 ASME B107.100-2010



6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX OPEN

SHORT COMBINATION WRENCHES - 12 POINT

TORQUEPLUS FASTENING SYSTEM

- 12 point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- for greater corrosion-resistance.
- The box end is chamfered for easy application to the fastener.
- 15° angled offset helps keep shank clear of obstructions.
- Anti-Slip Design (ASD) open end.
- Box ends incorporate the TorquePlus™ system.



INCH	12	12	Throat Depth 1 (in) (B)	Outside Head Width 1 (in) (C)	Head Thickness 1 (in) (D)	Outside Head Width 2 (in) (C1)	Head Thickness 2 (in) (D1)	Overall Length (in)	Weight (lbs)
1/4	J1208ES	J1208ESB	19/64	19/32	11/64	7/16	3/16	3-1/4	0.03
9/32	J1209ES	J1209ESB	19/64	41/64	3/16	29/64	7/32	3-3/8	0.04
5/16	J1210ES	J1210ESB	3/8	47/64	1/4	33/64	15/64	3-1/2	0.04
11/32	J1211ES	J1211ESB	13/32	13/16	13/64	9/16	1/4	3-5/8	0.05
3/8	J1212ES	J1212ESB	7/16	7/8	7/32	39/64	9/32	3-3/4	0.07
7/16	J1214ES	J1214ESB	31/64	63/64	5/16	43/64	19/64	3-15/16	0.08
1/2	J1216ES	J1216ESB	37/64	1-7/64	3/8	51/64	23/64	4-5/16	0.12
9/16	J1218ES	J1218ESB	43/64	1-1/4	19/64	57/64	3/8	4-1/2	0.15
5/8	J1220ES	J1220ESB	47/64	1-23/64	7/16	63/64	27/64	4-7/8	0.20
11/16	J1222ES	J1222ESB	13/16	1-31/64	15/32	1-3/64	29/64	5-1/16	0.23
3/4	J1224ES	J1224ESB	57/64	1-5/8	1/2	1-1/8	31/64	5-7/16	0.29
7/8	J1228S*	–	1-3/64	1-27/32	23/64	1-17/64	35/64	8	0.52
15/16	J1230S*	–	1-3/32	2.00	4.00	1-11/32	35/64	8-19/64	0.63
1-1/16	J1234S*	–	1-17/64	2-13/64	15/32	1-19/32	41/64	6-19/32	0.86
1-1/8	J1236S*	–	1-21/64	2-19/64	1/2	1-5/8	23/32	8-29/32	0.98

*SAE AS954G ASME B107.100-2010

MM	12	12	Throat Depth 1 (in) (B)	Outside Head Width 1 (in) (C)	Head Thickness 1 (in) (D)	Outside Head Width 2 (in) (C1)	Head Thickness 2 (in) (D1)	Overall Length (in)	Weight (lbs)
6	J1206MES*	J1206MESB	19/64	19/32	11/64	7/16	3/16	3-1/4	0.03
7	J1207MES*	J1207MESB	19/64	41/64	3/16	29/64	7/32	3-3/8	0.04
8	J1208MES*	J1208MESB	3/8	47/64	1/4	33/64	15/64	3-1/2	0.04
9	J1209MES*	J1209MESB	13/32	13/16	13/64	9/16	1/4	3-5/8	0.05
10	J1210MES*	J1210MESB	7/16	7/8	7/32	39/64	9/32	3-3/4	0.07
11	J1211MES*	J1211MESB	31/64	63/64	5/16	43/64	19/64	3-15/16	0.08
12	J1212MES*	J1212MESB	17/32	1-1/16	11/32	47/64	21/64	4-1/8	0.10
13	J1213MES*	J1213MESB	37/64	1-7/64	3/8	51/64	23/64	4-5/16	0.12
14	J1214MES*	J1214MESB	43/64	1-1/4	19/64	57/64	3/8	4-1/2	0.15
15	J1215MES*	J1215MESB	45/64	1-5/16	13/32	29/32	25/64	4-11/16	0.17
16	J1216MES*	J1216MESB	47/64	1-23/64	7/16	63/64	27/64	4-7/8	0.20
17	J1217MES*	J1217MESB	13/16	1-31/64	15/32	1-3/64	29/64	5-1/16	0.24
18	J1218MES*	J1218MESB	27/32	1-35/64	11/32	1-5/64	15/32	5-1/4	0.27
19	J1219MES*	J1219MESB	57/64	1-5/8	1/2	1-1/8	31/64	5-7/16	0.29

*SAE AS955 ASME B107.100-2010

FULL POLISH SATIN BLACK OXIDE BLACK CHROME INSULATED

11 PIECE SHORT COMBINATION WRENCH SET - 12 POINT

12 J1200ES-11	INCH	Point Size	Overall Length (in)
J1208ES	1/4	12	3-1/4
J1209ES	9/32	12	3-3/8
J1210ES	5/16	12	3-1/2
J1211ES	11/32	12	3-5/8
J1212ES	3/8	12	3-3/4
J1214ES	7/16	12	3-15/16
J1216ES	1/2	12	4-5/16
J1218ES	9/16	12	4-1/2
J1220ES	5/8	12	4-7/8
J1222ES	11/16	12	5-1/16
J1224ES	3/4	12	5-7/16
J25TR69C	Tool Roll		

Weight (lbs): 1.55 ASME B107.100-2035



14 PIECE METRIC SHORT COMBINATION WRENCH SET - 12 POINT

12 J1200MES-14	MM	Point Size	Overall Length (in)
J1206MES*	6	12	3-1/4
J1207MES*	7	12	3-3/8
J1208MES*	8	12	3-1/2
J1209MES*	9	12	3-5/8
J1210MES*	10	12	3-3/4
J1211MES*	11	12	3-15/16
J1212MES*	12	12	4-1/8
J1213MES*	13	12	4-5/16
J1214MES*	14	12	4-1/2
J1215MES*	15	12	4-11/16
J1216MES*	16	12	4-7/8
J1217MES*	17	12	5-1/16
J1218MES*	18	12	5-1/4
J1219MES*	19	12	5-7/16
J25TR70C	Tool Roll		

Weight (lbs): 2.14 *SAE AS955 ASME B107.100-2036



6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX OPEN

SHORT SATIN COMBINATION WRENCHES - 6 & 12 POINT

- Satin finish provides corrosion resistance and a slip-resistance grip.
- Compact shank design and short length for access in confined spaces.
- 15° angled offset box end helps keep shank clear of obstructions.
- Standard open end.



INCH	INCH	Point Size	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
1/8	J1204EFM	6	3/8	1/8	1/4	1/8	3-1/16	0.02
5/32	J1205EFM	6	3/8	1/8	5/16	1/8	3-1/16	0.02
3/16	J1206EFM	6	7/16	1/8	3/8	3/16	3-1/4	0.02
7/32	J1207EFM	6	7/16	1/8	3/8	3/16	3-1/4	0.02
1/4	J1208EFM	12	9/16	1/8	7/16	3/16	3-7/16	0.03
9/32	J1209EFM	12	9/16	1/8	7/16	3/16	3-7/16	0.03
5/16	J1210EFM	12	11/16	3/16	1/2	1/4	3-11/16	0.04
11/32	J1211EFM	12	3/4	3/16	9/16	1/4	3-7/8	0.05
3/8	J1212EFM	12	7/8	3/16	5/8	1/4	4-1/16	0.06

8 PIECE SHORT COMBINATION WRENCH SET- 6 & 12 POINT

Product #: J1200EFM

- Compact shank design and short length for access in confined spaces.
- Standard open end.
- 15° angled offset box end helps keep shank clear of obstructions.



6	INCH	Point Size	Overall Length (in)
J1204EFM	1/8	6	3-1/16
J1205EFM	5/32	6	3-1/16
J1206EFM	3/16	6	3-1/4
J1208EFM	1/4	12	3-7/16
J1209EFM	9/32	12	3-7/16
J1210EFM	5/16	12	3-11/16
J1211EFM	11/32	12	3-7/8
J1212EFM	3/8	12	4-1/16
J25TR12C	Tool Roll		

Weight (lbs): 0.35

FULL POLISH · SATIN · BLACK OXIDE · BLACK CHROME · INSULATED

SATIN COMBINATION FLEX HEAD WRENCHES - 12 POINT

TORQUEPLUS FASTENING SYSTEM

- Satin finish provides corrosion resistance and a slip resistant grip.
- 12 point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Use the swiveling box end to break or cinch bolts in difficult locations.
- Heat-treated alloy steels produce a shank with high leverage.
- Box ends incorporate the TorquePlus™ system.



INCH	12	Throat Depth 1 (in)	Outside Head Width 1 (in)	Head Thickness 1 (in)	Overall Length (in)	Weight (lbs)
3/8	J1270-12A	27/64	55/64	15/64	6	0.14
7/16	J1270-14A	1/2	1	1/4	6-7/8	0.20
1/2	J1270-16A	37/64	1-3/32	9/32	7-3/4	0.25
9/16	J1270-18A	21/32	1-15/64	5/16	8-5/8	0.36
5/8	J1270-20A	23/32	1-23/32	21/64	9-1/2	0.46
11/16	J1270-22A	51/64	1-1/2	11/32	10-3/8	0.58
3/4	J1270-24A	7/8	1-41/64	23/64	11-1/4	0.46

7 PIECE FLEX-HEAD WRENCH SET - 12 POINT

TORQUEPLUS FASTENING SYSTEM

Product #: J1270A

- Satin finish provides corrosion resistance and a slip resistant grip.
- Box ends incorporate the TorquePlus™ system.



12	INCH	Point Size	Overall Length (in)
J1270-12A	3/8	12	6
J1270-14A	7/16	12	6-7/8
J1270-16A	1/2	12	7-3/4
J1270-18A	9/16	12	8-5/8
J1270-20A	5/8	12	9-1/2
J1270-22A	11/16	12	10-3/8
J1270-24A	3/4	12	11-1/4
J25TR01C	Tool Roll		

Weight (lbs): 2.91

6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX OPEN

4 PIECE FLEX-HEAD WRENCH SET - 12 POINT

Product #: J1270B



12	INCH	Point Size	Overall Length (in)
J1270-14A	7/16	12	6-7/8
J1270-16A	1/2	12	7-3/4
J1270-18A	9/16	12	8-5/8
J1270-20A	5/8	12	9-1/2
J25TR18C	Tool Roll		

Weight (lbs): 0.88

MODIFIED OFFSET DOUBLE BOX WRENCHES - 12 POINT

TORQUEPLUS FASTENING SYSTEM

- Full polish wrenches meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance.
- 12 point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Offset box end allows access to recessed fasteners and keeps hands clear of obstructions.



INCH	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
3/8 x 7/16	J1012A	21/32	5/16	37/64	19/64	7-3/4	0.11
3/4 x 13/16	J1024A	1-3/16	33/64	1	1/2	12-13/64	0.75
7/8 x 15/16	J1028A	1-5/16	9/16	1-13/64	17/32	13-19/32	1.01

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FULL POLISH SATIN BLACK OXIDE BLACK CHROME INSULATED

DEEP OFFSET DOUBLE BOX WRENCHES - 12 POINT

TORQUEPLUS FASTENING SYSTEM

- Full polish wrenches meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance.
- 12 point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- 60° deep offset helps improve access to deeply recessed fasteners.
- Offset handle helps keep knuckles clear of obstruction to help save time.
- Box ends feature the TorquePlus™ design.



INCH	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
1/4" x 5/16"	J8179-T500	13/32	7/32	15/32	1/4	6-19/32	0.11
3/8" x 7/16"	J8180-T500	19/32	19/64	41/64	5/16	7-1/2	0.18
1/2" x 9/16"	J8181-T500	47/64	11/32	13/16	13/32	8-51/64	0.33
9/16" x 5/8"	J8182-T500	29/32	13/32	1	7/16	9-3/4	0.51
11/16" x 13/16"	J8183-T500	1	29/64	1-5/32	33/64	10-51/64	0.71
3/4" x 7/8"	J8184-T500	1-1/16	1/2	1-1/4	35/64	11-1/2	0.90
15/16" x 1"	J8185-T500	1-11/32	9/16	1-7/16	19/32	14.000	1.30

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FULL POLISH OFFSET BOX WRENCHES - 12 POINT

- Full polish finish provides corrosion resistance and easy to clean surfaces.
- 12 point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Offset box end allows access to recessed fasteners and keeps hands clear of obstructions.
- Box ends incorporate the TorquePlus™ system.



MM	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
6 x 7	J1050M	29/64	7/32	13/32	15/64	5-49/64	0.09
8 x 9	J1051M	35/64	1/4	31/64	9/32	6-49/64	0.11
10 x 11	J1053M	21/32	19/64	39/64	5/16	7-31/32	0.19
12 x 13	J1057M	3/4	21/64	45/64	11/32	8-55/64	0.28
14 x 15	J1061M	7/8	23/64	13/16	25/64	9-45/64	0.39
16 x 18	J1064M	1-1/32	13/32	29/32	29/64	10-11/16	0.45
17 x 19	J1065M	1-5/64	29/64	63/64	31/64	11-23/64	0.59
21 x 24	J1072M	1-11/32	35/64	1-3/16	37/64	13-25/64	0.99
22 x 24	J1073M	1-11/32	35/64	1-17/64	37/64	13-45/64	0.94
27 x 30	J1077M	1-43/64	5/8	1-33/64	43/64	15-59/64	1.42
30 x 32	J1079M	1-25/32	43/64	1-43/64	23/32	17-13/64	1.76

AS954E S3.8.1 ASME B107.100

DOUBLE BOX WRENCHES - 12 POINT

- Non-reflective black oxide finish for use where non-plated products are required.
- 12 point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Box ends incorporate the TorquePlus™ system.

TORQUEPLUS™ FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners



INCH	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
3/4 x 7/8	J112428L*	1-5/64	33/64	1-1/4	35/64	15-3/4	0.97
1-1/16 x 1-1/8	J113436L	1-39/64	5/8	1-1/2	19/32	17-1/4	1.50

*Long Handle

AS954E S3.8.1

15 DEGREE DOUBLE BOX WRENCHES - 12 POINT

TORQUEPLUS™ FASTENING SYSTEM

- Full polish wrenches meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance.
- 12 point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Offset box end allows access to recessed fasteners and keeps hands clear of obstructions.
- Box ends feature TorquePlus™ design.



INCH	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
5/16" x 3/8"	J111012L	1/2	9/32	37/64	21/64	8-27/32	0.16
7/16" x 1/2"	J111416L	21/32	23/64	3/4	3/8	10-45/64	0.29
9/16" x 5/8"	J111820L	53/64	13/32	29/32	15/32	12-31/64	0.56
11/16" x 3/4"	J112224L	1	1/2	1-3/32	17/32	14-11/32	0.77
13/16" x 15/16"	J112630L	1-11/64	35/64	1-23/64	37/64	16-3/32	1.22
7/8" x 1"	J112832L	1-17/64	9/16	1-29/64	19/32	17-3/32	1.47

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FULL POLISH DOUBLE BOX WRENCHES - SPLINE

- Proto Spline Tools are designed to service high tensile strength fasteners used widely on military and commercial aircraft and in heavy machinery applications where vibration is prevalent. They are also used in automotive and industrial areas where high performance torque needs to be achieved.
- Spline fasteners help tighten high strength bolts to high torque loads.
- They help lower the force required to turn standard fasteners by allowing the torque load to be moved away from the corners, helping prevent fastener rounding. They also turn fasteners with damaged corners.
- Spline helps reduce foreign object debris (FOD) by having a precise fit between the fastening tool and its fastener.
- Full polish finish provides corrosion resistance and an easy to clean surface.



INCH	SPL	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
1/4 x 5/16	J1118SPL	31/64	1/4	25/64	15/64	7-1/4	0.12

FULL POLISH · SATIN · BLACK OXIDE · BLACK CHROME · INSULATED

11 PIECE FULL POLISH METRIC BOX WRENCH SET - 12 POINT

TORQUEPLUS FASTENING SYSTEM

Product #: J1100S-M

12	MM	Point Size	Overall Length (in)
J1050M	6 x 7	12	5-49/64
J1051M	8 x 9	12	6-49/64
J1053M	10 x 11	12	7-31/32
J1057M	12 x 13	12	8-55/64
J1061M	14 x 15	12	9-45/64
J1064M	16 x 18	12	10-11/16
J1065M	17 x 19	12	11-23/64
J1072M	21 x 24	12	13-25/64
J1073M	22 x 24	12	13-45/64
J1077M	27 x 30	12	15-59/64
J1079M	30 x 32	12	17-13/64
J25TR44C	Tool Roll		

Weight (lbs): 7.40 ASME B107.100



SATIN OBSTRUCTION BOX WRENCHES - 12 POINT

TORQUEPLUS FASTENING SYSTEM

- Satin chrome finish provides corrosion resistance and a slip resistant grip.
- Made of forged steel then heat-treated.
- Curved half-moon shape helps improve access to hidden, difficult to reach locations.
- 12 point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Box ends incorporate the TorquePlus™ system.



INCH	12	Outside Head Width 1 (in)	Outside Head Width 2 (in)	Overall Length (in)	Weight (lbs)
7/16 x 1/2	J1725	5/8	5/8	5-3/4	0.17
9/16 x 5/8	J1730	25/32	25/32	6-5/8	0.23
5/8 x 3/4	J1731	27/32	27/32	7-1/4	0.39

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SHORT SATIN DOUBLE BOX WRENCHES - 12 POINT

TORQUEPLUS FASTENING SYSTEM

- Satin finish provides corrosion resistance and a slip resistant grip.
- 12 point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Box ends incorporate the TorquePlus™ system.



INCH	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
3/8 x 7/16	J1122	37/64	11/32	43/64	21/64	4-5/8	0.09
5/8 x 3/4	J1131	1-27/32	13/32	1-3/32	15/32	6-1/8	0.25

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OPEN END WRENCHES

- 15° angle heads.
- Special heat-treated alloy steel permits slim shanks for strength and durability.
- Standard open end configuration.



INCH			Throat Depth 1 (in)	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
1/4 x 5/16	J3018	–	3/8	21/32	3/16	4-1/2	5/32	4-31/64	0.07
5/16 x 3/8	J3020	J3020B	7/16	25/32	7/32	41/64	13/64	5-1/8	0.09
3/8 x 7/16	J3021	J3021B	23/64	29/32	7/22	25/32	7/32	5-3/4	0.12
7/16 x 1/2	J3025	J3025B	19/32	1-1/32	1/4	29/32	1/4	6-3/8	0.19
1/2 x 9/16	J3026	J3026B	43/64	1-3/16	9/32	1-1/32	17/64	7	0.23
9/16 x 5/8	J3030	J3030B	3/4	1-17/64	9/32	1-5/32	9/32	7-5/8	0.28
5/8 x 3/4	J3031	–	29/32	1-37/64	5/16	1-5/32	5/16	8-9/16	0.39
5/8 x 11/16	J3034	–	53/64	11701	5/16	1-9/32	5/16	8-1/4	0.35
11/16 x 3/4	J3035	J3035B	29/32	1-37/64	11/32	1-13/32	21/64	8-7/8	0.47
3/4 x 7/8	–	J3039B	1-1/16	1-25/32	11/32	1-37/64	11/32	9-1/2	0.60
13/16 x 7/8	J3040	J3040B	1-3/64	1-25/32	3/8	1-21/32	23/64	10-1/8	0.62
15/16 x 1	J3045	J3045B	1-13/64	2-1/64	13/32	1-29/32	13/32	11-1/2	0.92
1-1/16 x 1-1/8	J3050	J3050B	1-23/64	2-17/64	15/32	2-5/32	29/64	12-5/8	1.24
1-1/4 x 1-5/16	J3055	J3055B	1-9/16	2-21/32	17/32	2-33/64	33/64	14-1/2	1.87
1-3/8 x 1-7/16	J3060	J3060B	1-23/32	2-57/64	9/16	2-23/32	35/64	15-3/4	2.59
1-1/2 x 1-5/8	J3070	J3070B	1-15/16	3-17/64	5/8	2-61/64	39/64	17	3.31
1-11/16 x 1-13/16	J3075	–	2-3/16	3-41/64	23/32	3-25/64	45/64	18-1/2	4.71
1-7/8 x 2	J3080	–	2-3/8	4-1/32	23/32	3-41/64	45/64	20	6.38

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MM		Throat Depth 1 (in)	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
6 x 7	J30607	3/8	41/64	3/16	1/2	11/64	4-1/2	0.06
8 x 9	J30809	7/16	25/32	3/16	21/32	3/16	5-1/8	0.09
10 x 11	J31011	17/32	29/32	7/32	25/32	7/32	5-3/4	0.13
12 x 13	J31213	19/32	1-1/32	1/4	29/32	1/4	6-3/8	0.17
14 x 15	J31415	3/4	1-9/32	9/32	1-9/64	9/32	7-19/32	0.30
16 x 17	J31617	57/64	1-13/32	5/16	8-1/4	19/64	8-15/64	0.33
18 x 19	J31819	29/32	1-37/64	11/32	8-7/8	21/64	8-55/64	0.48
20 x 22	J32022	1-3/64	1-13/16	11/32	9-1/2	11/32	9-31/64	0.58
21 x 23	J32123	1-3/64	1-25/32	3/8	1-21/32	23/64	10-1/8	0.61
24 x 26	J32426	1-13/64	2-1/64	13/32	1-29/32	13/32	11-3/8	0.88

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FULL POLISH SATIN BLACK OXIDE BLACK CHROME INSULATED

10 PIECE SATIN OPEN-END WRENCH SET

Product #: J3000H

	INCH	Overall Length (in)
J3018	1/4 x 5/16	4-31/64
J3020	5/16 x 3/8	5-1/8
J3025	7/16 x 1/2	6-3/8
J3026	1/2 x 9/16	7
J3030	9/16 x 5/8	7-5/8
J3031	5/8 x 3/4	8-9/16
J3035	11/16 x 3/4	8-7/8
J3040	13/16 x 7/8	10-1/8
J3045	15/16 x 1	11-1/2
J3050	1-1/16 x 1-1/8	12-5/8
J25TR05C	Tool Roll	

Weight (lbs): 4.82 ASME B107.100



10 PIECE BLACK OXIDE OPEN-END WRENCH SET

Product #: J3000HB

	INCH	Overall Length (in)
J3020B	5/16 x 3/8	5-1/4
J3025B	7/16 x 1/2	6-7/16
J3030B	9/16 x 5/8	7-47/64
J3035B	11/16 x 3/4	8-63/64
J3040B	13/16 x 7/8	10-15/64
J3045B	15/16 x 1	11-31/64
J3050B	1-1/16 x 1-1/8	12-3/8
J3055B	1-1/4 x 1-5/16	14-5/8
J3060B	1-3/8 x 1-7/16	15-7/8
J3070B	1-1/2 x 1-5/8	17-1/16
J25TR20C	Tool Roll	

Weight (lbs): 12.62



6 POINT 8 POINT 12 POINT SPLINE HEX OPEN

10 PIECE SATIN METRIC OPEN-END WRENCH SET

Product #: J30000A

	MM	Overall Length (in)
J30607	6 x 7	4-1/2
J30809	8 x 9	5-1/8
J31011	10 x 11	5-3/4
J31213	12 x 13	6-3/8
J31415	14 x 15	7-19/32
J31617	16 x 17	8-15/64
J31819	18 x 19	8-55/64
J32022	20 x 22	9-31/64
J32123	21 x 23	10-1/8
J32426	24 x 26	11-3/8
J25TR28C	Tool Roll	

Weight (lbs): 3.93

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EXTRA THIN SATIN OPEN END WRENCHES

- Satin finish provides corrosion resistance and a slip resistant grip.
- Ultra-thin profile and long handle produce improved access to hard-to-reach fasteners.
- Use when high leverage or distance from a hot assembly is required.
- Opening is designed to cover tappets, screws and lock nuts without excessive overhang which improves access.



INCH		Throat Depth 1 (in)	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
1/2 x 9/16	J3426	43/64	1-13/64	3/16	1-9/64	11/64	10	0.16
9/16 x 5/8	J3430	47/64	1-21/64	3/16	1-1/4	11/64	10	0.21
11/16 x 3/4	J3435	57/64	1-7/16	7/32	1-11/32	13/64	10	0.26
13/16 x 7/8	J3440	1-1/32	1-49/64	7/32	1-11/16	13/64	10	0.33

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FULL POLISH ANGLE OPEN END WRENCHES

- Double nickel strike for rust resistance and prolonged life.
- 15° and 60° angle heads combined with the same size opening on both ends allow wrench to be used in four different turning angles for greater access in tight work areas.



INCH		Throat Depth 1 (in)	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
3/8	J3112	13/32	3/4	7/32	3/4	13/64	4-3/4	0.06
7/16	J3114	15/32	7/8	7/32	7/8	13/64	5	0.08
1/2	J3116	35/64	1	1/4	1	15/64	5-1/4	0.10
9/16	J3118	39/64	1-7/64	1/4	1-7/64	15/64	5-5/8	0.14
5/8	J3120	21/32	1-7/32	9/32	1-7/32	17/64	6	0.17
11/16	J3122	23/32	1-21/64	9/32	1-21/64	17/64	6-1/2	0.21
3/4	J3124	25/32	1-7/16	9/32	1-7/16	9/32	7	0.26
13/16	J3126	27/32	1-9/16	5/16	1-9/16	19/64	7-1/2	0.50
7/8	J3128	57/64	1-21/32	5/16	1-21/32	5/16	8	0.61
15/16	J3130	31/32	1-25/32	11/32	1-25/32	21/64	8-3/4	0.71
1	J3132	1-1/32	1-59/64	11/32	1-59/64	11/32	9-1/2	0.88
1-1/16	J3134	1-1/16	2-1/64	3/8	2-1/64	23/64	10-1/4	1.04
1-1/8	J3136	1-1/8	2-1/8	3/8	2-1/8	3/8	11	1.20
1-3/16	J3138	1-1/4	2-17/64	13/32	2-17/64	13/32	11-47/64	0.86
1-1/4	J3140	1-1/4	2-11/32	13/32	2-11/32	13/32	12-1/4	1.47
1-5/16	J3142	1-5/16	2-29/64	7/16	2-29/64	27/64	13-1/8	1.87
1-3/8	J3144	1-13/32	2-37/64	7/16	2-37/64	7/16	13-3/4	2.17
1-7/16	J3146	1-13/32	2-5/8	15/32	2-5/8	29/64	14	2.48
1-1/2	J3148	1-31/64	2-3/4	15/32	2-3/4	15/32	14-1/2	2.77
1-5/8	J3152	1-43/64	3-1/64	1/2	3-1/64	1/2	15	3.07
1-3/4	J3156	1-31/32	3-31/64	17/32	3-31/64	33/64	17	3.81
1-13/16	J3158	1-63/64	3-31/64	17/32	3-31/64	33/64	18-3/8	4.56
1-7/8	J3160	2-7/32	3-29/32	21/32	3-29/32	21/32	19-3/4	5.24
2	J3164	2-9/32	3-29/32	21/32	3-29/32	21/32	21-1/4	5.92

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MM		Throat Depth 1 (in)	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
9	J3109M	13/32	49/64	7/32	49/64	13/64	4-3/4	0.06
10	J3110M	7/16	13/16	7/32	13/16	13/64	4-7/8	0.07
11	J3111M	15/32	7/8	7/32	7/8	7/32	5	0.08
12	J3112M	1/2	59/64	1/4	59/64	15/64	5-1/4	0.10
13	J3113M	17/32	63/64	1/4	63/64	15/64	5-1/2	0.13
14	J3114M	39/64	1-7/64	1/4	1-7/64	1/4	5-5/8	0.14
15	J3115M	5/8	1-5/32	9/32	1-5/32	17/64	5-15/16	0.16
16	J3116M	21/32	1-7/32	9/32	1-7/32	17/64	6-1/8	0.19
17	J3117M	47/64	1-11/32	9/32	1-11/32	9/32	6-1/2	0.21
18	J3118M	23/32	1-11/32	9/32	1-11/32	9/32	6-3/4	0.24
19	J3119M	25/32	1-7/16	9/32	1-7/16	9/32	7	0.26

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6 POINT 8 POINT 12 POINT SPLINE HEX OPEN

14 PIECE FULL POLISH ANGLE OPEN-END WRENCH SET

Product #: J3100B

	INCH	Overall Length (in)
J3112	3/8	4-3/4
J3114	7/16	5
J3116	1/2	5-1/4
J3118	9/16	5-5/8
J3120	5/8	6
J3122	11/16	6-1/2
J3124	3/4	7
J3126	13/16	7-1/2
J3128	7/8	8
J3130	15/16	8-3/4
J3132	1	9-1/2
J3134	1-1/16	10-1/4
J3136	1-1/8	11
J3140	1-1/4	12-1/4
J25TR08C	Tool Roll	

Weight (lbs): 5.58

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11 PIECE FULL POLISH METRIC ANGLE OPEN-END WRENCH SET

Product #: J3100M

	MM	Overall Length (in)
J3109M	9	4-3/4
J3110M	10	4-7/8
J3111M	11	5
J3112M	12	5-1/4
J3113M	13	5-1/2
J3114M	14	5-5/8
J3115M	15	5-15/16
J3116M	16	6-1/8
J3117M	17	6-1/2
J3118M	18	6-3/4
J3119M	19	7
J25TR13C	Tool Roll	

Weight (lbs): 1.79

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FULL POLISH · SATIN · BLACK OXIDE · BLACK CHROME · INSULATED

SHORT SATIN ANGLE OPEN END WRENCHES

- Satin finish provides corrosion resistance and a slip resistant grip.
- 15° and 75° angle heads allow wrench to be used in four different turning angles for greater access in tight work spaces.
- Compact shank design and short length for access in confined spaces.
- Standard open end configuration.



INCH		Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
7/32	J3314W	1/2	1/8	1/2	3/32	2-15/16	0.01
15/64	J3315W	9/16	1/8	1/2	3/32	3-1/8	0.02
1/4	J3316W	9/16	1/8	1/2	3/32	3-1/8	0.02
9/32	J3318W	9/16	5/32	19/32	3/32	3-1/8	0.04
5/16	J3320W	3/4	5/32	3/4	1/8	3-9/16	0.03
11/32	J3322W	3/4	5/32	3/4	1/8	3-9/16	0.03
3/8	J3324W	7/8	5/32	7/8	1/8	3-15/16	0.04
7/16	J3328W	7/8	3/16	7/8	1/8	3-15/16	0.04
1/2	J3332W	1-1/16	3/16	1-1/16	1/8	4-3/4	0.07

9 PIECE SATIN SHORT ANGLE OPEN-END WRENCH SET

Product #: J3300AB

	INCH	Overall Length (in)
J3314W	7/32	2-15/16
J3315W	15/64	3-1/8
J3316W	1/4	3-1/8
J3318W	9/32	3-1/8
J3320W	5/16	3-9/16
J3322W	11/32	3-9/16
J3324W	3/8	3-15/16
J3328W	7/16	3-15/16
J3332W	1/2	4-3/4

Weight (lbs): 0.46

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6 POINT 8 POINT 12 POINT SPLINE HEX OPEN

IGNITION WRENCHES

- Satin finish provides corrosion resistance and a slip resistant grip.
- 15° and 60° angle heads.
- Standard open end configuration.



INCH		Throat Depth 1 (in)	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
15/64 x 13/64	J3211	15/64	1/2	1/8	1/2	7/64	3	0.02
1/4 x 7/32	J3216	15/64	1/2	1/8	1/2	7/64	3	0.02
9/32 x 5/16	J3220	5/16	19/32	5/32	19/32	5/32	3-1/2	0.03
3/8 x 11/32	J3226	3/8	3/4	5/32	3/4	5/32	3-3/4	0.05

1/4" DRIVE FULL POLISH CROWFOOT WRENCHES

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



INCH		Overall Length (in)	Weight (lbs)
1/4	J4708CF	15/16	0.02
5/16	J4710CF	1	0.03
3/8	J4712CF	1-1/16	0.03
7/16	J4714CF	1-5/32	0.04
1/2	J4716CF	1-3/16	0.05
9/16	J4718CF	1-9/32	0.05

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MM		Overall Length (in)	Weight (lbs)
7	J4707MCF	15/16	0.02
8	J4708MCF	31/32	0.02
10	J4710MCF	1-1/16	0.03
11	J4711MCF	1-1/8	0.04
12	J4712MCF	1-5/32	0.04
13	J4713MCF	1-3/16	0.05
14	J4714MCF	1-1/4	0.05

FULL POLISH · SATIN · BLACK OXIDE · BLACK CHROME · INSULATED

3/8" DRIVE FULL POLISH CROWFOOT WRENCHES

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



INCH		Overall Length (in)	Weight (lbs)
3/8	J4912CF	1-13/64	0.06
7/16	J4914CF	1-3/16	0.06
1/2	J4916CF	1-5/16	0.07
9/16	J4918CF	1-9/32	0.07
5/8	J4920CF	1-1/2	0.09
11/16	J4922CF	1-31/64	0.09
3/4	J4924CF	1-41/64	0.11
13/16	J4926CF	1-5/8	0.11
7/8	J4928CF	1-19/32	0.12
15/16	J4930CF	1-5/8	0.13
1	J4932CF	1-49/64	0.13
1-1/16	J4934CF	2-3/16	0.24
1-1/8	J4936CF	2-7/32	0.24
1-3/16	J4938CF	2-9/32	0.24
1-1/4	J4940CF	2-5/32	0.21
1-5/16	J4942CF	2-1/2	0.25
1-3/8	J4944CF	2-1/2	0.29
1-7/16	J4946CF	2-5/8	0.29
1-1/2	J4948CF	2-11/16	0.33
1-9/16	J4950CF	2-3/4	0.34
1-5/8	J4952CF	2-13/16	0.38
1-11/16	J4954CF	2-15/16	0.36
1-3/4	J4956CF	2-15/16	0.39
1-13/16	J4958CF	3-1/16	0.40
1-7/8	J4960CF	3-1/8	0.45
1-15/16	J4962CF	3-1/4	0.49
2	J4964CF	3-3/8	0.73
2-1/16	J4966CF	3-7/16	0.71
2-1/8	J4968CF	3-7/16	0.74
2-3/16	J4970CF	3-5/8	0.78
2-1/4	J4972CF	3-11/16	0.89
2-5/16	J4974CF	3-3/4	0.90
2-3/8	J4976CF	3-15/16	1.01
2-7/16	J4978CF	4-1/4	1.03
2-1/2	J4980CF	4-1/4	1.10

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INCH		Overall Length (in)	Weight (lbs)
2-9/16	J4982CF	4-5/16	1.11
2-5/8	J4984CF	4-1/2	1.27
2-11/16	J4986CF	4-9/16	1.34
2-3/4	J4988CF	4-11/16	1.37
2-13/16	J4990CF	4-13/16	1.38
2-7/8	J4992CF	4-15/16	1.52
2-15/16	J4994CF	4-15/16	1.58
3	J4996CF	5	1.55

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MM		Overall Length (in)	Weight (lbs)
9	J4909MCF	1-5/6	0.05
10	J4910MCF	1-11/32	0.05
11	J4911MCF	1-3/8	0.07
12	J4912MCF	1-15/32	0.07
13	J4913MCF	1-1/2	0.06
14	J4914MCF	1-1/2	0.07
15	J4915MCF	1-5/8	0.10
16	J4916MCF	1-21/32	0.09
17	J4917MCF	1-23/32	0.10
18	J4918MCF	1-15/16	0.13
19	J4919MCF	1-15/16	0.13
20	J4920MCF	2-1/16	0.13
21	J4921MCF	2-3/32	0.14
22	J4922MCF	2-7/32	0.15
23	J4923MCF	2-11/32	0.19
24	J4924MCF	2-13/32	0.19

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6 POINT | 8 POINT | 12 POINT | SPLINE | HEX | OPEN

1/2" DRIVE FULL POLISH CROWFOOT WRENCHES

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



INCH		Overall Length (in)	Weight (lbs)
15/16	J5330CF	2-13/16	0.47
1	J5332CF	2-13/16	0.46
1-1/16	J5334CF	2-7/8	0.51
1-1/8	J5336CF	3	0.54
1-3/16	J5338CF	3	0.58
1-1/4	J5340CF	3-5/16	0.66
1-5/16	J5342CF	3-5/16	0.66
1-3/8	J5344CF	3-3/8	0.72
1-7/16	J5346CF	3-3/8	0.75
1-1/2	J5348CF	3-7/16	0.77
1-9/16	J5350CF	3-1/2	0.80
1-5/8	J5352CF	3-1/2	0.83
1-11/16	J5354CF	3-13/16	0.95
1-3/4	J5356CF	3-13/16	0.98
1-13/16	J5358CF	3-7/8	1.01
1-7/8	J5360CF	3-7/8	1.05
2	J5364CF	3-15/16	1.10
2-1/8	J5368CF	4-1/16	1.09
2-1/4	J5372CF	4-3/8	1.27
2-3/8	J5376CF	4-7/16	1.29
2-7/16	J5378CF	4-7/16	1.28
2-1/2	J5380CF	4-1/2	1.25

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MM		Overall Length (in)	Weight (lbs)
20	J5320MCF	2-19/32	0.43
21	J5321MCF	2-37/64	0.43
22	J5322MCF	2-13/16	0.45
23	J5323MCF	2-13/16	0.47
24	J5324MCF	2-51/64	0.47
25	J5325MCF	2-27/32	0.48
26	J5326MCF	2-29/32	0.49
27	J5327MCF	2-29/32	0.51
28	J5328MCF	3	0.54
29	J5329MCF	3-1/32	0.58
30	J5330MCF	3-1/32	0.66
32	J5332MCF	3-19/64	0.66
35	J5335MCF	3-23/64	0.72
36	J5336MCF	3-13/32	0.75
38	J5338MCF	3-7/16	0.77
41	J5341MCF	3-1/2	0.83
42	J5342MCF	3-51/64	0.95
46	J5346MCF	3-55/64	1.01

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1/4" DRIVE 7 PIECE METRIC CROWFOOT WRENCH SET

Product #: J47000MCF

	MM	Overall Length (in)
J4707MCF	7	15/16
J4708MCF	8	31/32
J4710MCF	10	1-1/16
J4711MCF	11	1-1/8
J4712MCF	12	1-5/32
J4713MCF	13	1-3/16
J4713MCF	14	1-1/4

Weight (lbs): 0.47

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FULL POLISH · SATIN · BLACK OXIDE · BLACK CHROME · INSULATED

3/8" DRIVE 43 PIECE CROWFOOT WRENCH SET

Product #: J49001CF



	INCH	Overall Length (in)
J4912CF	3/8	1-13/64
J4914CF	7/16	1-3/16
J4916CF	1/2	1-5/16
J4918CF	9/16	1-9/32
J4920CF	5/8	1-1/2
J4922CF	11/16	1-31/64
J4924CF	3/4	1-41/64
J4926CF	13/16	1-5/8
J4928CF	7/8	1-19/32
J4930CF	15/16	1-5/8
J4932CF	1	1-49/64
J4934CF	1-1/16	2-3/16
J4936CF	1-1/8	2-7/32
J4938CF	1-3/16	2-9/32
J4940CF	1-1/4	2-5/32
J4942CF	1-5/16	2-1/2
J4944CF	1-3/8	2-1/2
J4946CF	1-7/16	2-5/8
J4948CF	1-1/2	2-11/16
J4950CF	1-9/16	2-3/4
J4952CF	1-5/8	2-13/16
J4954CF	1-11/16	2-15/16
J4956CF	1-3/4	2-15/16
J4958CF	1-13/16	3-1/16
J4960CF	1-7/8	3-1/8
J4962CF	1-15/16	3-1/4
J4964CF	2	3-3/8
J4966CF	2-1/16	3-7/16
J4968CF	2-1/8	3-7/16
J4970CF	2-3/16	3-5/8
J4972CF	2-1/4	3-11/16
J4974CF	2-5/16	3-3/4
J4976CF	2-3/8	3-15/16
J4978CF	2-7/16	4-1/4
J4980CF	2-1/2	4-1/4
J4982CF	2-9/16	4-5/16
J4984CF	2-5/8	4-1/2
J4986CF	2-11/16	4-9/16
J4988CF	2-3/4	4-11/16
J4990CF	2-13/16	4-13/16
J4992CF	2-7/8	4-15/16
J4994CF	2-15/16	4-15/16
J4996CF	3	5

Weight (lbs): 23.92 ASME B107.100-2010

3/8" DRIVE 27 PIECE CROWFOOT WRENCH SET

Product #: J49002CF



	INCH	Overall Length (in)
J4912CF	3/8	1-13/64
J4914CF	7/16	1-3/16
J4916CF	1/2	1-5/16
J4918CF	9/16	1-9/32
J4920CF	5/8	1-1/2
J4922CF	11/16	1-31/64
J4924CF	3/4	1-41/64
J4926CF	13/16	1-5/8
J4928CF	7/8	1-19/32
J4930CF	15/16	1-5/8
J4932CF	1	1-49/64
J4934CF	1-1/16	2-3/16
J4936CF	1-1/8	2-7/32
J4938CF	1-3/16	2-9/32
J4940CF	1-1/4	2-5/32
J4942CF	1-5/16	2-1/2
J4944CF	1-3/8	2-1/2
J4946CF	1-7/16	2-5/8
J4948CF	1-1/2	2-11/16
J4950CF	1-9/16	2-3/4
J4952CF	1-5/8	2-13/16
J4954CF	1-11/16	2-15/16
J4956CF	1-3/4	2-15/16
J4958CF	1-13/16	3-1/16
J4960CF	1-7/8	3-1/8
J4962CF	1-15/16	3-1/4
J4964CF	2	3-3/8

Weight (lbs): 6.74 ASME B107.100-2010

6 POINT 8 POINT 12 POINT SPL SPLINE HEX HEX OPEN

3/8" DRIVE 21 PIECE CROWFOOT WRENCH SET

Product #: J49000



	INCH	MM	Overall Length (in)
J4910MCF	-	10	1-11/32
J4911MCF	-	11	1-3/8
J4912CF	3/8	-	1-13/64
J4912MCF	-	12	1-15/32
J4913MCF	-	13	1-1/2
J4914CF	11/16	-	1-3/16
J4914MCF	-	14	1-1/2
J4915MCF	-	15	1-5/8
J4916CF	7/8	-	1-5/16
J4916MCF	-	16	1-21/32
J4917MCF	-	17	1-23/32
J4918CF	1-1/16	-	1-9/32
J4918MCF	-	18	1-15/16
J4919MCF	-	19	1-15/16
J4920CF	1-1/4	-	1-1/2
J4922CF	1-5/16	-	1-31/64
J4924CF	1-3/8	-	1-41/64
J4926CF	1-7/16	-	1-5/8
J4928CF	1-1/2	-	1-19/32
J4930CF	1-9/16	-	1-5/8
J4932CF	1-5/8	-	1-49/64

Weight (lbs): 2.47 ASME B107.100-2010

3/8" DRIVE 16 PIECE METRIC CROWFOOT WRENCH SET

Product #: J49000MCF



	MM	Overall Length (in)
J4909MCF	9	1-5/6
J4910MCF	10	1-11/32
J4911MCF	11	1-3/8
J4912MCF	12	1-15/32
J4913MCF	13	1-1/2
J4914MCF	14	1-1/2
J4915MCF	15	1-5/8
J4916MCF	16	1-21/32
J4917MCF	17	1-23/32
J4918MCF	18	1-15/16
J4919MCF	19	1-15/16
J4920MCF	20	2-1/16
J4921MCF	21	2-3/32
J4922MCF	22	2-7/32
J4923MCF	23	2-11/32
J4924MCF	24	2-13/32

Weight (lbs): 2.59 ASME B107.100-2010

FULL POLISH SATIN BLACK OXIDE BLACK CHROME INSULATED

3/8" DRIVE 15 PIECE CROWFOOT WRENCH SET

Product #: J49003CF



	INCH	Overall Length (in)
J4912CF	3/8	1-13/64
J4914CF	7/16	1-3/16
J4916CF	1/2	1-5/16
J4918CF	9/16	1-9/32
J4920CF	5/8	1-1/2
J4922CF	11/16	1-31/64
J4924CF	3/4	1-41/64
J4926CF	13/16	1-5/8
J4928CF	7/8	1-19/32
J4930CF	15/16	1-5/8
J4932CF	1	1-49/64
J4934CF	1-1/16	2-3/16
J4936CF	1-1/8	2-7/32
J4938CF	1-3/16	2-9/32
J4940CF	1-1/4	2-5/32

Weight (lbs): 2.07 ASME B107.100-2010

3/8" DRIVE 9 PIECE CROWFOOT WRENCH SET

Product #: J49004CF



	INCH	Overall Length (in)
J4912CF	3/8	1-13/64
J4914CF	7/16	1-3/16
J4916CF	1/2	1-5/16
J4918CF	9/16	1-9/32
J4920CF	5/8	1-1/2
J4922CF	11/16	1-31/64
J4924CF	3/4	1-41/64
J4926CF	13/16	1-5/8
J4928CF	7/8	1-19/32

Weight (lbs): 0.83 ASME B107.100-2010

3/8" & 1/2" DRIVE 30 PIECE CROWFOOT SET

Product #: J49002S



	INCH	Overall Length (in)
J4912CF	3/8	1-13/64
J4914CF	7/16	1-3/16
J4916CF	1/2	1-5/16
J4918CF	9/16	1-9/32
J4920CF	5/8	1-1/2
J4922CF	11/16	1-31/64
J4924CF	3/4	1-41/64
J4926CF	13/16	1-5/8
J4928CF	7/8	1-19/32
J4930CF	15/16	1-5/8
J4932CF	1	1-49/64
J4934CF	1-1/16	2-3/16
J4936CF	1-1/8	2-7/32
J4938CF	1-3/16	2-9/32
J4940CF	1-1/16	2-3/16
J5334CF	1-1/16	2-7/8
J5336CF	1-1/8	3
J5338CF	1-3/16	3
J5340CF	1-1/4	3-5/16
J5342CF	1-5/16	3-5/16
J5344CF	1-3/8	3-3/8
J5346CF	1-7/16	3-3/8
J5348CF	1-1/2	3-7/16
J5350CF	1-9/16	3-1/2
J5352CF	1-5/8	3-1/2
J5354CF	1-11/16	3-13/16
J5356CF	1-3/4	3-13/16
J5358CF	1-13/16	3-7/8
J5360CF	1-7/8	3-7/8
J5364CF	2	3-15/16

Weight (lbs): 11.95 ASME B107.100-2010

6 POINT 8 POINT 12 POINT SPLINE HEX OPEN

1/2" DRIVE 22 PIECE CROWFOOT WRENCH SET

Product #: J53000CF



	INCH	Overall Length (in)
J5330CF	15/16	2-13/16
J5332CF	1	2-13/16
J5334CF	1-1/16	2-7/8
J5336CF	1-1/8	3
J5338CF	1-3/16	3
J5340CF	1-1/4	3-5/16
J5342CF	1-5/16	3-5/16
J5344CF	1-3/8	3-3/8
J5346CF	1-7/16	3-3/8
J5348CF	1-1/2	3-7/16
J5350CF	1-9/16	3-1/2
J5352CF	1-5/8	3-1/2
J5354CF	1-11/16	3-13/16
J5356CF	1-3/4	3-13/16
J5358CF	1-13/16	3-7/8
J5360CF	1-7/8	3-7/8
J5364CF	2	3-15/16
J5368CF	2-1/8	4-1/16
J5372CF	2-1/4	4-3/8
J5376CF	2-3/8	4-7/16
J5378CF	2-7/16	4-7/16
J5380CF	2-1/2	4-1/2

Weight (lbs): 16.35 ASME B107.100-2010

1/2" DRIVE 15 PIECE CROWFOOT WRENCH SET

Product #: J53001CF



	INCH	Overall Length (in)
J5334CF	1-1/16	2-7/8
J5336CF	1-1/8	3
J5338CF	1-3/16	3
J5340CF	1-1/4	3-5/16
J5342CF	1-5/16	3-5/16
J5344CF	1-3/8	3-3/8
J5346CF	1-7/16	3-3/8
J5348CF	1-1/2	3-7/16
J5350CF	1-9/16	3-1/2
J5352CF	1-5/8	3-1/2
J5354CF	1-11/16	3-13/16
J5356CF	1-3/4	3-13/16
J5358CF	1-13/16	3-7/8
J5360CF	1-7/8	3-7/8
J5364CF	2	3-15/16

Weight (lbs): 9.88 ASME B107.100-2010

FULL POLISH SATIN BLACK OXIDE BLACK CHROME INSULATED

3/8" DRIVE FULL POLISH FLARE NUT CROWFOOT WRENCHES - 6 POINT

- Flare Nut Crowfoot wrenches are used in hard to reach or restricted access situations where a standard flare nut wrench cannot reach.
- The flare nut slot opening is used to slide over hydraulic lines or other hoses which allows for easy access to hex connectors at ends.
- Typically used in low torque applications.
- Full polish finish provides corrosion resistance and easy to clean surfaces.
- Locking hole feature helps keep the crowfoot engaged on the extension during use, helping to reduce downtime and improve working efficiency.
- Use with locking extensions to reach into small spaces where the fastener is out of sight.



INCH	6	Overall Length (in)	Weight (lbs)
3/8	J4912HFL	1-13/16	0.07
7/16	J4914HFL	1-1/2	0.08
1/2	J4916HFL	1-5/8	0.10
9/16	J4918HFL	1-5/8	0.11
5/8	J4920HFL	1-3/4	0.13
11/16	J4922HFL	1-13/16	0.13
3/4	J4924HFL	1-15/16	0.16

ASME B107.100-2010

FLARE NUT CROWFOOT WRENCHES

Used in conjunction with a handle, crowfoot wrenches reach into places other wrenches can't get. Flare nut crowfeet close the gap on the open side, so they will not slip out of place like an open-end crowfoot wrench.

6PT FLARE NUT

- Locking hole in the back.
- Wrench is flush with the head.
- Thicker walls.
- Wrench end is offset 15°.



6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX OPEN

FLARE NUT COMBINATION WRENCHES

TORQUEPLUS FASTENING SYSTEM

- Satin finish provides corrosion resistance and a slip resistant grip.
- Flare nut box end incorporates the TorquePlus™ system.
- Standard open end configuration.



INCH	6	12	Throat Depth 1 (in)	Outside Head Width 1 (in)	Head Thickness 1 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
3/8	J3751	J3751T	7/16	25/32	11/32	51/64	3/8	5-11/16	0.13
1/2	J3752	-	33/64	7/8	3/8	29/32	13/32	6-1/32	0.18
7/16	J3753	-	19/32	31/32	3/8	1-1/32	13/32	6-7/16	0.19
9/16	J3754	J3754T	43/64	1-3/64	7/16	1-3/64	15/32	6-15/16	0.25
5/8	J3755	J3755T	47/64	1-3/32	7/16	1-19/64	15/32	7-5/8	0.32
11/16	J3756	-	51/64	1-3/16	1/2	1-13/32	17/32	8-11/16	0.42
3/4	J3757	J3757T	57/64	1-7/32	1/2	1-9/16	17/32	9-3/16	0.46

ASME B107.100

7 PIECE COMBINATION FLARE NUT WRENCH SETS

Product #: J3700A



6	INCH	Overall Length (in)
J3751	3/8	5-11/16
J3752	1/2	6-1/32
J3753	7/16	6-7/16
J3754	9/16	6-15/16
J3755	5/8	7-5/8
J3756	11/16	8-11/16
J3757	3/4	9-3/16
J25TR03C	Tool Roll	

Weight (lbs): 2.24

FULL POLISH · SATIN · BLACK OXIDE · BLACK CHROME · INSULATED

SATIN DOUBLE END FLARE NUT WRENCHES

TORQUEPLUS FASTENING SYSTEM

- Satin finish provides corrosion resistance and a slip resistant grip.
- Flare nut box ends incorporate the TorquePlus™ system.



INCH	6	12	Mouth Width 1 (in)	Outside Head Width 1 (in)	Head Thickness 1 (in)	Mouth Width 2 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
3/8 x 7/16	J3764	J3764T*	19/64	51/64	11/32	23/64	57/64	3/8	6-1/4	0.18
1/2 x 9/16	J3768	J3768T*	25/64	31/32	3/8	13/32	1-1/16	7/16	7-1/2	0.27
5/8 x 11/16	J3772	J3772T*	33/64	1-7/64	1/2	37/64	1-13/64	31/64	8-3/4	0.38
3/4 x 7/8	J3776H	–	9/16	1-15/64	1/2	21/32	1-13/32	9/16	9-1/2	0.61

*SAE AS4167C ASME B107-100-2010

MM	6	12	Mouth Width 1 (in)	Outside Head Width 1 (in)	Head Thickness 1 (in)	Mouth Width 2 (in)	Outside Head Width 2 (in)	Head Thickness 2 (in)	Overall Length (in)	Weight (lbs)
7 x 8	J3707M	J3707MT	7/32	43/64	11/32	15/64	3/4	21/64	5-11/16	0.11
9 x 11	J3709M	-	9/32	13/16	13/32	11/32	29/32	25/64	6-5/16	0.16
10 x 12	J3710M	J3710MT	9/32	55/64	13/32	11/32	61/64	25/64	6-15/16	0.21
13 x 14	J3713M	J3713MT	3/8	1-1/64	15/32	7/16	1-3/32	29/64	7-9/16	0.24
15 x 17	J3715M	J3715MT	7/16	1-7/64	1/2	1/2	8	31/64	7-63/64	0.33
16 x 18	J3716M	–	1/2	1-9/64	17/32	37/64	1-15/64	33/64	8-13/16	0.36
19 x 21	J3719M	–	37/64	1-9/32	19/32	5/8	1-3/8	37/64	9-7/16	0.39

ASME B107.100

3 PIECE DOUBLE END FLARE NUT WRENCH SET

TORQUEPLUS FASTENING SYSTEM

Product #: J3760

- Offset handle helps keep knuckles clear of obstruction to help save time.
- Flare nut ends incorporate the TorquePlus™ system.



6	INCH	Overall Length (in)
J3764	3/8 x 7/16	6-1/4
J3768	1/2 x 9/16	7-1/2
J3772	5/8 x 11/16	8-3/4
J25TR17C	Tool Roll	

Weight (lbs): 0.97

6 6 POINT 8 8 POINT 12 12 POINT SPL SPLINE HEX HEX OPEN

9 PIECE DOUBLE END FLARE NUT WRENCH SET — 6 POINT

Product #: J3740



6	MM INCH	Overall Length (in)
J3709M	9 x 11 mm	6-15/16
J3710M	10 x 12 mm	6-15/16
J3713M	13 x 14 mm	7-9/16
J3715M	15 x 17 mm	7-63/64
J3716M	16 x 18 mm	8-13/16
J3719M	19 x 21 mm	9-3/8
J3764	3/8" x 7/16"	6-1/4
J3768	1/2" x 9/16"	7-1/2
J3772	5/8" x 11/16"	8-3/4
J25TR35C	Tool Roll	

Weight (lbs):

5 PIECE METRIC DOUBLE END FLARE NUT WRENCH SET

TORQUEPLUS FASTENING SYSTEM

Product #: J3700M

- 12-point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Offset handle helps keep knuckles clear of obstruction to help save time.
- Flare nut ends incorporate the TorquePlus™ system.



6	MM	Overall Length (in)
J3707M	7 x 8	5-11/16
J3709M	9 x 11	6-5/16
J3710M	10 x 12	6-15/16
J3713M	13 x 14	7-9/16
J3715M	15 x 17	7-63/64
J25TR06C	Tool Roll	

Weight (lbs): 1.29

FULL POLISH SATIN BLACK OXIDE BLACK CHROME INSULATED

RATCHETING FLARE NUT WRENCHES - 12 POINT

- Designed for use on 6 and 12 point tube fittings, hydraulic lines, fasteners, valves, and compression fittings.
- Distinct design only requires 30° rotation to engage ratcheting feature.
- Carbon steel jaws snap open, then close around fastener.
- Easy access to tight locations.
- Non-reflective black oxide finish for use where non-plated products are required.
- 12 point flare nut box end allows for fine indexing helping to improve speed and access.
- Pivoting head allows user to place the wrench over the connected pipes to reach the fastener.

INCH	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Overall Length (in)	Weight (lbs)
3/8	J3812A	1	9/32	5-7/16	0.17
7/16	J3814A	1	9/32	5-7/16	0.17
1/2	J3816A	1	9/32	5-7/16	0.17
9/16	J3818A	1-5/16	3/8	7-1/4	0.31
5/8	J3820A	1-5/16	3/8	7-1/4	0.31
11/16	J3822A	1-5/16	3/8	7-1/4	0.31
3/4	J3824A	1-5/16	3/8	7-1/4	0.31
13/16	J3826A	1-11/16	7/16	9-3/8	0.58
7/8	J3828A	1-11/16	7/16	9-3/8	0.58
15/16	J3830A	1-11/16	1/2	9-3/8	0.58
1	J3832A	1-11/16	1/2	9-3/8	0.58

MM	12	Outside Head Width 1 (in)	Head Thickness 1 (in)	Overall Length (in)	Weight (lbs)
10	J3810MA	1	9/32	5-7/16	0.18
11	J3811MA	1	9/32	5-7/16	0.16
12	J3812MA	1	9/32	5-7/16	0.16
13	J3813MA	1	9/32	5-7/16	0.17
14	J3814MA	1-5/16	3/8	7-1/4	0.31
15	J3815MA	1-5/16	3/8	7-1/4	0.31
16	J3816MA	1-5/16	3/8	7-1/4	0.31
17	J3817MA	1-5/16	3/8	7-1/4	0.3
18	J3818MA	1-5/16	3/8	7-1/4	0.29
19	J3819MA	1-5/16	3/8	7-1/4	0.29

7 PIECE RATCHETING FLARE NUT WRENCH SET - 12 POINT

Product #: J3800AA

12	INCH	Point Size	Overall Length (in)
J3812A	3/8	12	5-7/16
J3814A	7/16	12	5-7/16
J3816A	1/2	12	5-7/16
J3818A	9/16	12	7-1/4
J3820A	5/8	12	7-1/4
J3822A	11/16	12	7-1/4
J3824A	3/4	12	7-1/4
J25TR03C			10

Weight (lbs): 1.93

10 PIECE METRIC RATCHETING FLARE NUT WRENCH SET - 12 POINT

Product #: J3800MA

12	MM	Point Size	Overall Length (in)
J3810MA	10	12	5-7/16
J3811MA	11	12	5-7/16
J3812MA	12	12	5-7/16
J3813MA	13	12	5-7/16
J3814MA	14	12	7-1/4
J3815MA	15	12	7-1/4
J3816MA	16	12	7-1/4
J3817MA	17	12	7-1/4
J3818MA	18	12	7-1/4
J3819MA	19	12	7-1/4

Weight (lbs): 2.77

BLACK OXIDE ADJUSTABLE SPUD WRENCH

- Non-reflective black oxide finish for use where none plated products are required.
- Large jaw opening fits all nuts and bolts up to 1-1/2 inches.
- Square jaw opening provides strength and tight fit.
- Eliminates the need for carrying several fixed size wrenches.
- Hardened taper handle aligns bolt and rivet holes.



	Maximum Opening (in)	Overall Length (in)	Weight (lbs)
J715SC	1-1/2	16-3/32	2.45

BLACK OXIDE SPUD HANDLE 1/2" DRIVE PEAR HEAD RATCHET

15° 24T

- Non-reflective black oxide finish for use where non-plated products are required.
- Hardened tapered handle aligns bolt and rivet holes.
- Spring loaded pellet in male drive plug.
- 24-tooth ratcheting mechanism.



Product #	Overall Length (in)	Weight (lbs)
J5449-14BL	14	2.03

ASME B107.10M

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AEROSPACE ADJUSTABLE WRENCHES

- Wrenches meet and exceed stringent aerospace specification AS4984A which requires tools to have a thicker nickel-chrome coating for greater corrosion-resistance.
- Square jaw opening provides strength and tight fit.



	Maximum Opening (in)	Overall Length (in)	Weight (lbs)
J704A	11/16	4-1/4	0.14
J706A	15/16	6-5/16	0.31
J708A	1-3/16	8-1/16	0.57
J710A	1-3/8	10-1/16	1.00
J712A	1-9/16	12	1.52
J715A	1-7/8	15	2.70
J718A	2-3/8	18-1/8	3.55

ASME B107.100-2010

CLIK-STOP® ADJUSTABLE WRENCHES

- Satin finish provides corrosion resistance and a slip resistant grip.
- Square jaw opening provides strength and tight fit.
- Clik-Stop® locking design holds the moving jaw of an adjustable wrench in place when the wrench is in use.





		Maximum Opening (in)	Overall Length (in)	Weight (lbs)
J704LA	J704SLA	11/16	4-1/4	0.14
J706LA	J706SLA	15/16	6-5/16	0.31
J708LA	J708SLA	1-3/16	8-1/16	0.57
J710LA	J710SLA	1-3/8	10-1/16	1.00
J712LA	J712SLA	1-9/16	12	1.52
J715LA	J715SLA	1-7/8	15	2.70

ASME B107.100-2010

ADJUSTABLE WRENCHES

- Satin finish provides corrosion resistance and a slip resistant grip.
- Square jaw opening provides strength and tight fit.
- Rugged I-beam style handle and reinforced stress areas; radius corner design.



		Cushion Grip	Maximum Opening (in)	Overall Length (in)	Weight (lbs)
J704B	J704SB	J704GB	11/16	4-1/4	0.14
J706B	J706SB	J706GB	15/16	6-5/16	0.31
J708B	J708SB	J708GB	1-3/16	8-1/16	0.57
J710B	J710SB	J710GB	1-3/8	10-1/16	1.00
J712B	J712SB	J712GB	1-9/16	12	1.52
J715B	J715SB	–	1-7/8	15	2.70
J718B	J718SB	–	2-3/8	18-1/8	3.55
J724B	J724SB	–	2-7/16	24	6.41

ASME B107.100-2010

6 POINT 8 POINT 12 POINT SPL SPLINE HEX HEX OPEN

3 PIECE ADJUSTABLE WRENCH SETS

- Satin finish provides corrosion resistance and a slip resistant grip.
- Square jaw opening provides strength and tight fit.
- Rugged I-beam style handle and reinforced stress areas; radius corner design.

Contents	Max. Opening (in)	J795A	J795SA	Overall Length (in)
J708B	1-1/8	•		8
J708SB	1-1/8		•	8
J710B	1-5/16	•		10
J710SB	1-5/16		•	10
J712B	1-1/2	•		12
J712SB	1-1/2		•	12
J25TR22C	Tool Roll	•		
Weight (lbs):		2.60	2.60	ASME B107.100-2001



J795


J795S

CUSHION GRIP ADJUSTABLE WRENCH SETS

- Soft cushion grip for additional comfort.
- Square jaw opening provides strength and tight fit.

Product #: J795GA

Contents	Max. Opening (in)		Overall Length (in)
J708GB	1-1/8	•	8
J710GB	1-5/16	•	10
J712GB	1-1/2	•	12
Weight (lbs):		3.00	ASME B107.100



J795G

FULL POLISH · SATIN · BLACK OXIDE · BLACK CHROME · INSULATED

ALUMINUM PIPE WRENCHES

- Light weight aluminum for less job fatigue.
- Standard handle lengths with wide gripping surface for increased comfort and one hand operation.
- Forged steel jaw provides outstanding strength.
- Large knurl and power threads provide fast, positive jaw adjustment.
- Graduation markings on hook jaw show approximate opening for pipe sizes.
- Riveted jaw pin for safety.
- Hanging hole for storage.
- Field repairable by removing the rivet pin located on the bottom side of the jaw.
- Replacement parts available.



Product #	Maximum Opening (in)	Height (in)	Overall Length (in)	Weight (lbs)
J810A	1-1/2	3	10	1.10
J812A	2	3	12	1.72
J814A	2	3	14	2.15
J818A	3-1/2	3	18	3.60
J824A	4	4	24	5.65
J836A	5	5	36	10.60
J848A	6	6	48	17.00

6 POINT 8 POINT 12 POINT SPLINE HEX OPEN

HEAVY-DUTY CAST IRON PIPE WRENCHES

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

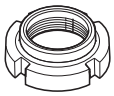


Product #	Maximum Opening (in)	Overall Length (in)	Weight (lbs)
J806HD	3/4	6	0.45
J808HD	1	8	0.8
J810HD	1-1/2	10	1.76
J812HD	2	12	2.66
J814HD	2	14	3.76
J818HD	3-1/2	18	5.82
J824HD	4	24	9.58
J836HD	5	36	19.32
J848HD	6	48	35.36
J860HD	8	60	41.4

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ADJUSTABLE HOOK SPANNER WRENCHES

- Use to tighten side slot nuts on collars, lock nuts and bearings.

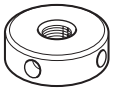




Product #	Capacity Range	Hook Thickness (in)	Hook Depth (in)	Overall Length (in)	Weight (lbs)
JC471B	3/4 to 2	3/8	1/8	5-9/16	0.30
JC472B	1-1/4 to 3	3/8	1/8	7	0.55
JC474BB	2 to 4-3/4	1/2	3/16	9-3/4	1.00
JC474AB	4-1/2 to 6-1/4	1/2	5/16	9-3/4	1.10

ADJUSTABLE PIN SPANNER WRENCHES

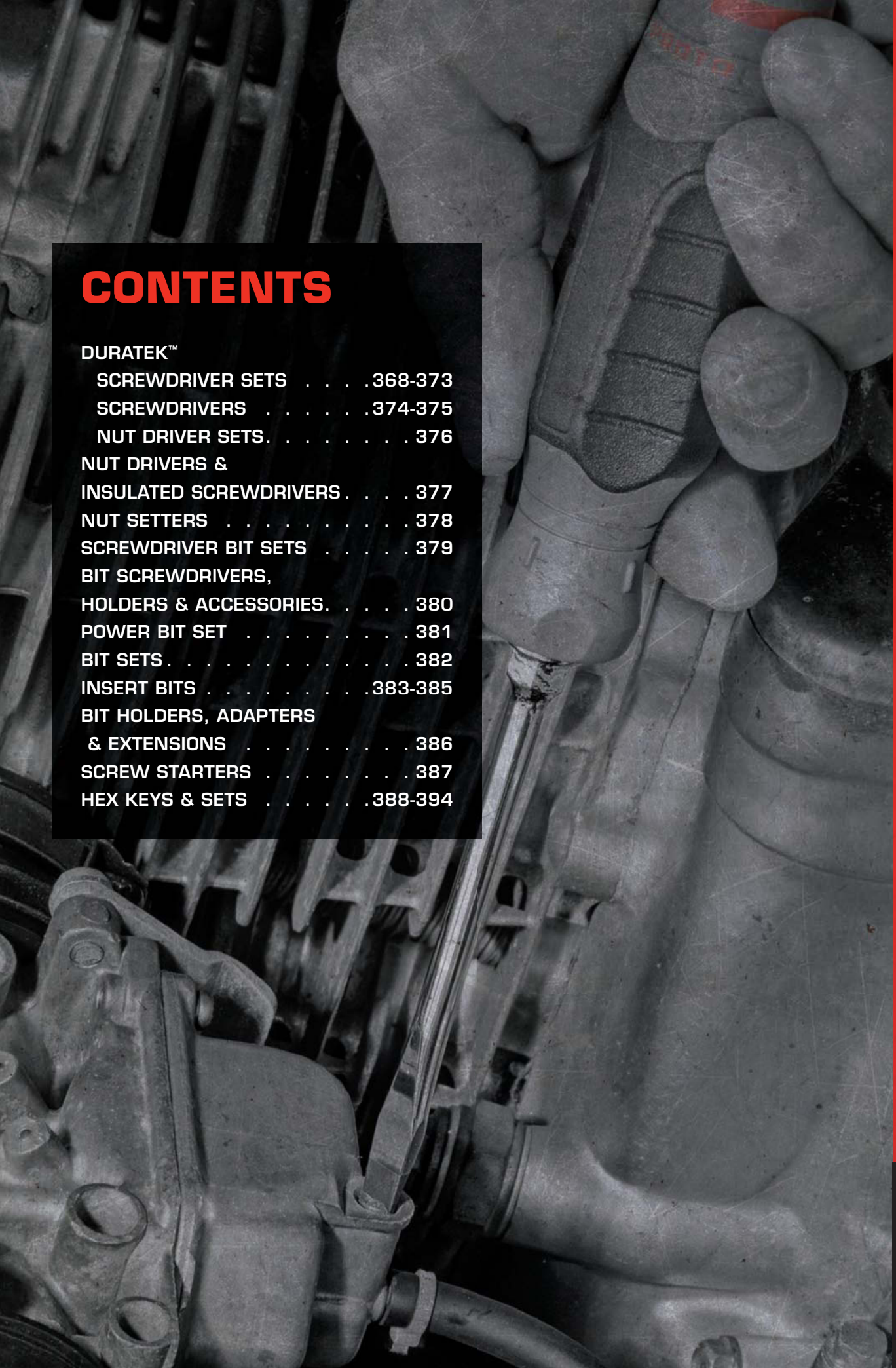
- Precision machined pins provide engagement with side holes or slots.
- Used to tighten side slot nuts on collars, lock nuts and bearings.





Product #	Capacity Range	Pin Diameter (in)	Hook Thickness (in)	Overall Length (in)	Weight (lbs)
JC491B	3/4 to 2	1/8	3/8	5-9/16	0.30
JC492B	3/4 to 2	3/16	3/8	5-9/16	0.30
JC494B	1-1/4 to 3	3/16	3/8	7	0.55
JC495B	1-1/4 to 3	1/4	3/8	7	0.55
JC497B	2 to 4-3/4	1/4	7/16	9-3/4	1.00
JC499B	4-1/2 to 6-1/4	3/8	1/2	10	1.05

6 POINT 8 POINT 12 POINT SPLINE HEX OPEN



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DURATEK™
PERFORMANCE GRIP

VERIFIED 2X SOLVENT PROTECTION AGAINST MOST HARSH CHEMICALS*
Including gasoline, brake fluid, ethylene glycol, ethyl alcohol, acetone, toluol, brake cleaner, and automatic transmission fluid.

*Tested on 2x more solvents than required by ASME standard B107.600

SOFT-TOUCH DURATEK™ HANDLE
Designed to maximize grip and torque delivery.

PRECISION MACHINED BLACK OXIDE TIPS
Improve screw engagement helping reduce cam-out.

PREMIUM HIGH-ALLOY STEEL
For greater strength and bend resistance.

FULLY GROUND
Chemically polished and chrome plated for corrosion resistance.

DESIGNED TO MEET DEMANDING HEAVY-DUTY
Needs of industrial maintenance and assembly applications.

NYLON ALLOY BLENDED MATERIAL

Provides enhanced chemical resistance to industrial solvents.



QUARTER MARKS

Visual marks on the handle that let you count the quarter turns.

GREATER TURNING TORQUE

The grip design is tapered to put the bulk of the handle into the palm of your hand.

The handle is engineered to give the screwdriver more torque when turning.

NO ROLL

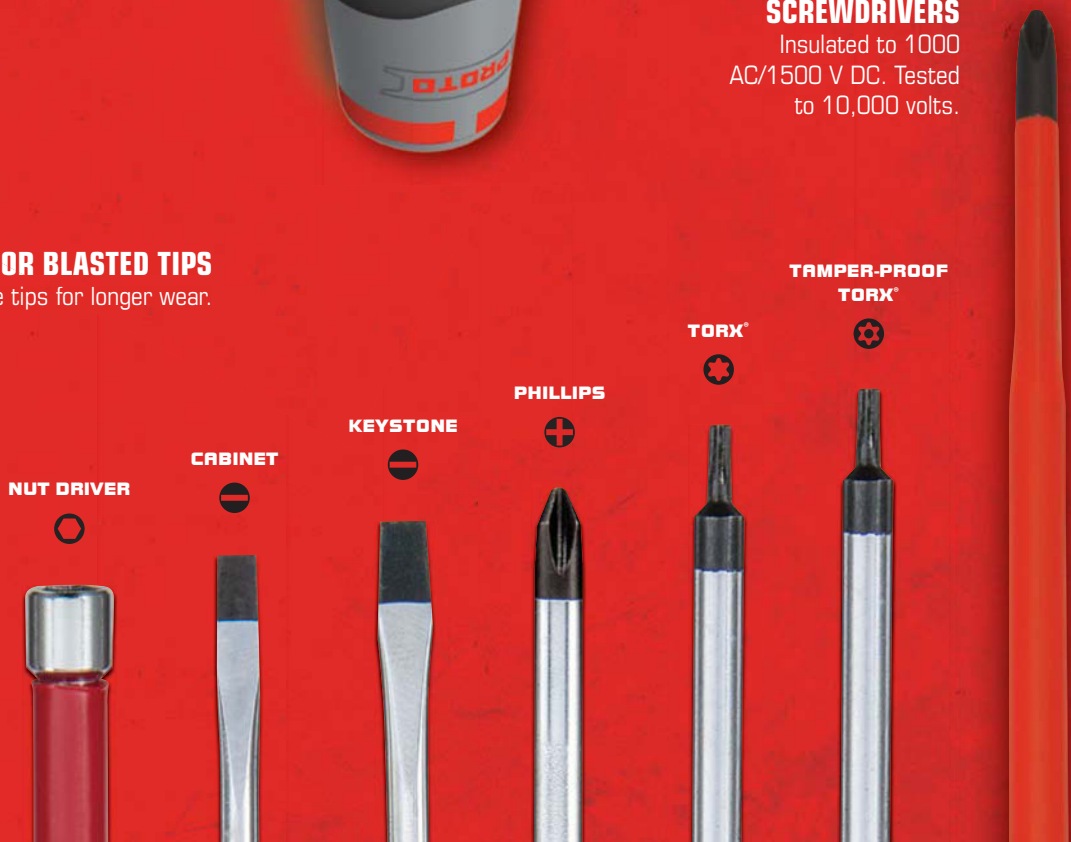
Quad-lobe style handle prevent the screwdriver from rolling away.

INSULATED SCREWDRIVERS

Insulated to 1000 AC/1500 V DC. Tested to 10,000 volts.

VAPOR BLASTED TIPS

Durable tips for longer wear.

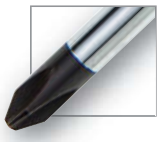


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DURATEK™ 19 PIECE COMBINATION SCREWDRIVER SET

Product #: J1219RCF





3 STEP HIGH-POLISH FINISH WITH VAPOR BLASTED TIP

Provides extra protection against corrosion.

Contents	Tip Size	Tips	Shank Length (in)	ASME Spec.
JCP1803RF	1/8	Cabinet	3	ASME B107.15
JCP1804RF	1/8	Cabinet	4	ASME B107.15
JCP1808RF	1/8	Cabinet	8	ASME B107.15
JC31604RF	3/16	Cabinet	4	ASME B107.15
JC31608RF	3/16	Cabinet	8	ASME B107.15
JK14112RF	1/4	Keystone	1-1/2	ASME B107.15
JKB1404RPF	1/4	Keystone	4	ASME B107.15
JKB31604RPF	3/16	Keystone	4	ASME B107.15
JKB51606RPF	5/16	Keystone	6	ASME B107.15
JKB3808RPF	3/8	Keystone	8	ASME B107.15
JKB3812RPF	3/8	Keystone	12	ASME B107.15
JPP0003RF	#0	Phillips	3	ASME B107.30
JP0103RF	#1	Phillips	3	ASME B107.30
JP0108RF	#1	Phillips	8	ASME B107.30
JP02112RF	#2	Phillips	1-/1/2	ASME B107.30
JP0204RF	#2	Phillips	4	ASME B107.30
JP0208RF	#2	Phillips	8	ASME B107.30
JP0306RF	#3	Phillips	6	ASME B107.30
JP0408RF	#4	Phillips	8	ASME B107.30

Weight (lbs): 5.26

DURATEK™ 8 PIECE COMBINATION SCREWDRIVER SET

Product #: J1208SCF



Contents	Tip Size	Tips	Shank Length (in)	ASME Spec.
JC31603RF	3/16	Cabinet	3	ASME B107.15
JC31604RF	3/16	Cabinet	4	ASME B107.15
JC31605RF	3/16	Cabinet	5	ASME B107.15
JK1404RF	1/4	Keystone	4	ASME B107.15
JK51606RF	5/16	Keystone	6	ASME B107.15
JP0103RF	#1	Phillips	3	ASME B107.30
JP0204RF	#2	Phillips	4	ASME B107.30
JP0306RF	#3	Phillips	6	ASME B107.30

Weight (lbs): 2.20

DURATEK™ 8 PIECE COMBINATION SCREWDRIVER SET

Product #: J1208SCPF



Contents	Tip Size	Tips	Shank Length (in)	ASME Spec.
JK14112RF	1/4	Keystone	1-1/2	ASME B107.15
JKB31603RPF	3/16	Keystone	3	ASME B107.15
JKB1404RPF	1/4	Keystone	4	ASME B107.15
JKB51606RPF	5/16	Keystone	6	ASME B107.15
JKB3808RPF	3/8	Keystone	8	ASME B107.15
JP02112RF	#2	Phillips	1-1/2	ASME B107.30
JPB0103RPF	#1	Phillips	3	ASME B107.30
JPB0204RPF	#2	Phillips	4	ASME B107.30

Weight (lbs): 2.35

DURATEK™ 6 PIECE COMBINATION SCREWDRIVER SET

Product #: J1206SCPF



Contents	Tip Size	Tips	Shank Length (in)	ASME Spec.
JKB31603RPF	3/16	Keystone	3	ASME B107.15
JKB1404RPF	1/4	Keystone	4	ASME B107.15
JKB51606RPF	5/16	Keystone	6	ASME B107.15
JPB0103RPF	#1	Phillips	3	ASME B107.30
JPB0204RPF	#2	Phillips	4	ASME B107.30
JPB0306RPF	#3	Phillips	6	ASME B107.30

Weight (lbs): 1.89

DURATEK™ 8 PIECE LONG COMBINATION SCREWDRIVER SET

Product #: J1208SCLF



Contents	Tip Size	Tips	Shank Length (in)	ASME Spec.
JC31606RF	3/16	Cabinet	6	ASME B107.15
JC1410RF	1/4	Cabinet	10	ASME B107.15
JC1412RF	1/4	Cabinet	12	ASME B107.15
JC1416RF	1/4	Cabinet	16	ASME B107.15
JP0108RF	#1	Phillips	8	ASME B107.30
JP0208RF	#2	Phillips	8	ASME B107.30
JP0212RF	#2	Phillips	12	ASME B107.30
JP0216RF	#2	Phillips	16	ASME B107.30

Weight (lbs): 2.49

DURATEK™ 6 PIECE PHILLIPS SCREWDRIVER SET

Product #: J1206SPF



Contents	Tip Size	Tips	Shank Length (in)
JPP0003RF	#0	Phillips	3
JP0103RF	#1	Phillips	3
JP02112RF	#2	Phillips	1-1/2
JP0204RF	#2	Phillips	4
JP0306RF	#3	Phillips	6
JP0408RF	#4	Phillips	8

Weight (lbs): 1.86

DURATEK™ 6 PIECE SLOTTED SCREWDRIVER SET

Product #: J1206SRFF



Contents	Tip Size	Tips	Shank Length (in)
JC31604RF	3/16	Cabinet	4
JK1404RF	1/4	Keystone	4
JK14112RF	1/4	Keystone	1-1/2
JK3808RF	3/8	Keystone	8
JK3810RF	3/8	Keystone	10
JK51606RF	5/16	Keystone	6

Weight (lbs): 2.34

DURATEK™ 9 PIECE TORX® SCREWDRIVER SET

Product #: J1209STS



Contents	Tip Size	Tips	Shank Length (in)
JT8314RS	T8	Torx®	3-1/4
JT10314RS	T10	Torx®	3-1/4
JT15314RS	T15	Torx®	3-1/4
JT20314RS	T20	Torx®	3-1/4
JT25314RS	T25	Torx®	3-1/4
JT2704RS	T27	Torx®	4
JT3004RS	T30	Torx®	4
JT4006RS	T40	Torx®	6
JT4506RS	T45	Torx®	6

Weight (lbs): 2.34

DURATEK™ 7 PIECE TAMPER-PROOF TORX® SCREWDRIVER SET

Product #: J1207STPS



Contents	Tip Size	Tips	Shank Length (in)
JTP8008RS	TP8	Tamper-Proof Torx®	8
JTP1008RS	TP10	Tamper-Proof Torx®	8
JTP1508RS	TP15	Tamper-Proof Torx®	8
JTP2008RS	TP20	Tamper-Proof Torx®	8
JTP2508RS	TP25	Tamper-Proof Torx®	8
JTP2708RS	TP27	Tamper-Proof Torx®	8
JTP3008RS	TP30	Tamper-Proof Torx®	8

Weight (lbs): 1.77

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DURATEK™ 4 PIECE PRECISION COMBINATION SCREWDRIVER SET

Product #: J1204SCF

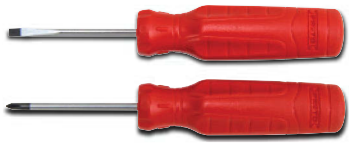


Contents	Tip Size	Tips	Shank Length (in)	Shank Type	Overall Length (in)	Weight (lbs)	ASME Spec.
JCP1803RF	1/8	Cabinet	3	Round	5	0.09	ASME B107.15
JCP31603RF	3/16	Cabinet	3	Round	6-5/16	0.10	ASME B107.15
JPP0003RF	#0	Phillips	3	Round	5-3/4	0.08	ASME B107.30
JPP0103RF	#1	Phillips	3	Round	6-5/16	0.10	ASME B107.30

Weight (lbs): 0.40

DURATEK™ 2 PIECE PRECISION COMBINATION SCREWDRIVER SET

Product #: J1202SCF



Contents	Tip Size	Tips	Shank Length (in)	Shank Type	Overall Length (in)	Weight (lbs)	ASME Spec.
JCP1802RF	1/8	Cabinet	2	Round	4	0.08	ASME B107.15
JPP0002RF	#0	Phillips	2	Round	4-1/2	0.08	ASME B107.30

Weight (lbs): 0.21

SLOTTED SCREWDRIVER KEYCHAIN



Product #	Tip Size (in)	Overall Length (in) (L)
J100	3/16	2-3/8

DURATEK™ PERFORMANCE GRIP SCREWDRIVERS

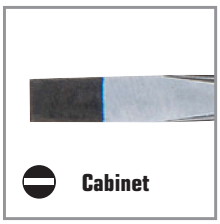


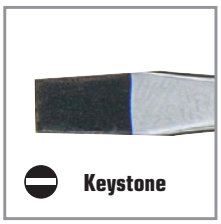
Product #	Tip Size	Tips	Shank Length (in)	Shank Type	Bolster	Overall Length (in)	Weight (lbs)	ASME Spec.
JCP1802RF	1/8	Cabinet	2	Round	–	4	0.08	ASME B107.15
JCP1803RF	1/8	Cabinet	3	Round	–	5	0.09	ASME B107.15
JCP1804RF	1/8	Cabinet	4	Round	–	6	0.09	ASME B107.15
JCP1806RF	1/8	Cabinet	6	Round	–	8	0.1	ASME B107.15
JCP1808RF	1/8	Cabinet	8	Round	–	10	0.09	ASME B107.15
JCP31603RF	3/16	Cabinet	3	Round	–	6-5/16	0.1	ASME B107.15
JC31603RF	3/16	Cabinet	3	Round	–	6	0.17	ASME B107.15
JC31604RF	3/16	Cabinet	4	Round	–	7	0.18	ASME B107.15
JC31605RF	3/16	Cabinet	5	Round	–	8	0.17	ASME B107.15
JC31606RF	3/16	Cabinet	6	Round	–	9	0.2	ASME B107.15
JC31608RF	3/16	Cabinet	8	Round	–	11	0.19	ASME B107.15
JC31610RF	3/16	Cabinet	10	Round	–	13	0.24	ASME B107.15
JC31612RF	3/16	Cabinet	12	Round	–	15	0.27	ASME B107.15
JC1410RF	1/4	Cabinet	10	Round	–	14	0.34	ASME B107.15
JC1412RF	1/4	Cabinet	12	Round	–	16	0.39	ASME B107.15
JC1416RF	1/4	Cabinet	16	Round	–	20	0.39	ASME B107.15
JKB31603RPF	3/16	Keystone	3	Round	Yes	7-1/4	0.16	ASME B107.15
JKB31604RPF	3/16	Keystone	4	Round	Yes	7	0.19	ASME B107.15
JK14112RF	1/4	Keystone	1-1/2	Round	–	3-1/2	0.12	ASME B107.15
JKB1404RPF	1/4	Keystone	4	Round	Yes	8	0.27	ASME B107.15
JK1404RF	1/4	Keystone	4	Round	–	8	0.25	ASME B107.15
JK1406RF	1/4	Keystone	6	Round	–	10	0.29	ASME B107.15
JK51604RF	5/16	Keystone	4	Round	–	10	0.29	ASME B107.15
JKB51606RPF	5/16	Keystone	6	Round	Yes	10-3/8	0.33	ASME B107.15
JK51606RF	5/16	Keystone	6	Round	–	10-3/4	0.39	ASME B107.15
JK51608RF	5/16	Keystone	8	Round	–	12-3/8	0.37	ASME B107.15
JKB3808RPF	3/8	Keystone	8	Round	Yes	12-3/8	0.41	ASME B107.15
JK3808RF	3/8	Keystone	8	Round	–	13	0.57	ASME B107.15
JK3810RF	3/8	Keystone	10	Round	–	13	0.6	ASME B107.15
JK3812RF	3/8	Keystone	12	Round	–	13	0.62	ASME B107.15
JKB3812RPF	3/8	Keystone	12	Round	Yes	17	0.69	ASME B107.15
JKB3812RP	3/8	Keystone	12	Round	Yes	17	0.77	ASME B107.15

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DURATEK™ PERFORMANCE GRIP SCREWDRIVERS











Product #	Tip Size	Tips	Shank Length (in)	Shank Type	Bolster	Overall Length (in)	Weight (lbs)	ASME Spec.
JPP0002RF	#0	Phillips	2	Round	–	4-1/2	0.08	ASME B107.30
JPP0003RF	#0	Phillips	3	Round	–	5-3/4	0.08	ASME B107.30
JP0103RF	#1	Phillips	3	Round	–	6-3/4	0.17	ASME B107.30
JPP0103RF	#1	Phillips	3	Round	–	6-5/16	0.1	ASME B107.30
JPB0103RPF	#1	Phillips	3	Round	Yes	6-1/4	0.18	ASME B107.30
JP0108RF	#1	Phillips	8	Round	–	11-3/4	0.22	ASME B107.30
JP02112RF	#2	Phillips	1-1/2	Round	–	3-1/2	0.12	ASME B107.30
JPB0204RPF	#2	Phillips	4	Round	Yes	8-1/2	0.27	ASME B107.30
JP0204RF	#2	Phillips	4	Round	–	8	0.26	ASME B107.30
JP0208RF	#2	Phillips	8	Round	–	12	0.31	ASME B107.30
JP0212RF	#2	Phillips	12	Round	–	16	0.4	ASME B107.30
JP0216RF	#2	Phillips	16	Round	–	20	0.39	ASME B107.30
JPB0306RPF	#3	Phillips	6	Round	Yes	10-3/4	0.4	ASME B107.30
JP0306RF	#3	Phillips	6	Round	–	10-3/8	0.38	ASME B107.30
JP0408RF	#4	Phillips	8	Round	–	13	0.57	ASME B107.30
JT8314RS	T8	Torx®	3-1/4	Round	–	7	0.17	–
JT10314RS	T10	Torx®	3-1/4	Round	–	7	0.18	–
JT15314RS	T15	Torx®	3-1/4	Round	–	7	0.18	–
JT20314RS	T20	Torx®	3-1/4	Round	–	7	0.18	–
JT25314RS	T25	Torx®	3-1/4	Round	–	7	0.18	–
JT2704RS	T27	Torx®	4	Round	–	8-1/2	0.26	–
JT3004RS	T30	Torx®	4	Round	–	8-1/2	0.26	–
JT4006RS	T40	Torx®	6	Round	–	10-3/4	0.38	–
JT4506RS	T45	Torx®	6	Round	–	10-3/4	0.38	–
JTP8008RS	TP8	Tamper-Proof Torx®	8	Round	–	12-1/4	0.17	–
JTP1008RS	TP10	Tamper-Proof Torx®	8	Round	–	12-1/4	0.18	–
JTP1508RS	TP15	Tamper-Proof Torx®	8	Round	–	12-1/4	0.18	–
JTP2008RS	TP20	Tamper-Proof Torx®	8	Round	–	12-1/4	0.18	–
JTP2508RS	TP25	Tamper-Proof Torx®	8	Round	–	12-1/4	0.18	–
JTP2708RS	TP27	Tamper-Proof Torx®	8	Round	–	12-1/2	0.26	–
JTP3008RS	TP30	Tamper-Proof Torx®	8	Round	–	12-1/2	0.26	–

DURATEK™ PERFORMANCE GRIP NUT DRIVERS

- Verified 2X solvent protection against most harsh chemicals including gasoline, brake fluid, ethylene glycol, ethyl alcohol, acetone, toluol, brake cleaner, and automatic transmission fluid*.
- Soft-touch Duratek™ handle designed to maximize grip and torque delivery.
- Premium High-Alloy Steel Greater strength and bend resistance.
- Permanent tip indicator for easy identification.
- Fully ground, chemically polished and chrome plated for corrosion resistance.
- Color coded for quick size identification.
- Hollow shafts for accessing nuts threaded onto extended bolts.

*Tested on 2x more solvents than required by ASME standard B107.600



Color coded to the sizes.



DURATEK™ 7 PIECE FRACTIONAL NUT DRIVER SET

Product #: J1207SNDS

Contents	INCH	Shank Length (in)	Overall Length (in) (L)
JN31604RS	3/16	4	8-1/2
JN1404RS	1/4	4	8-4/5
JN51604RS	5/16	4	8-1/2
JN113204RS	11/32	4	8-4/5
JN3804RS	3/8	4	8-1/2
JN71604RS	7/16	4	9
JN1204RS	1/2	4	9

Weight (lbs): 2.49 ASME B107.12



Fractional

DURATEK™ 12 PIECE METRIC NUT DRIVER SET

Product #: J1212MNDS

Contents	MM	Shank Length (in)	Overall Length (in) (L)
JN0404RMS	4	4	8-1/2
JN0504RMS	5	4	8-1/2
JN5504RMS	5.5	4	8-1/2
JN0604RMS	6	4	8-1/2
JN0704RMS	7	4	8-3/5
JN0804RMS	8	4	8-4/5
JN0904RMS	9	4	8-4/5
JN1004RMS	10	4	9
JN1104RMS	11	4	9
JN1204RMS	12	4	9
JN1304RMS	13	4	9
JN1404RMS	14	4	9

Weight (lbs): 4.09 ASME B107.12



Metric

DURATEK NUT DRIVERS



Product #	INCH	MM	Shank Length (in)	Overall Length (in)	Weight (lbs)
JN31604RS	3/16	–	4	8-1/2	0.26
JN1404RS	1/4	–	4	8-4/5	0.26
JN51604RS	5/16	–	4	8-1/2	0.30
JN113204RS	11/32	–	4	8-4/5	0.30
JN3804RS	3/8	–	4	8-3/4	0.30
JN71604RS	7/16	–	4	9	0.40
JN1204RS	1/2	–	4	9	0.41
JN0404RMS	–	4	4	8-1/2	0.26
JN0504RMS	–	5	4	8-1/2	0.26
JN5504RMS	–	5.5	4	8-1/2	0.26
JN0604RMS	–	6	4	8-1/2	0.26
JN0704RMS	–	7	4	8-3/5	0.26
JN0804RMS	–	8	4	8-4/5	0.30
JN0904RMS	–	9	4	8-4/5	0.30
JN1004RMS	–	10	4	9	0.41
JN1104RMS	–	11	4	9	0.40
JN1204RMS	–	12	4	9	0.41
JN1304RMS	–	13	4	9	0.41
JN1404RMS	–	14	4	9	0.47

ASME B107.12

INSULATED SCREWDRIVERS



Product #	Tip Size	Tips	Shank Length (in)	Shank Type	Overall Length (in)	Weight (lbs)	Rating
J90001-VDE	#1	Phillips	4	Round/Slim Tip	8-7/16	0.18	VDE, IEC 60900, ASTMF1505
J90002-VDE	#2	Phillips	5	Round/Slim Tip	9-7/16	0.23	VDE, IEC 60900, ASTMF1506
J90003-VDE	9/64	Cabinet	4	Round/Slim Tip	8-7/16	0.16	VDE, IEC 60900, ASTMF1507
J90004-VDE	5/32	Cabinet	4	Round/Slim Tip	8-7/16	0.17	VDE, IEC 60900, ASTMF1508
J90005-VDE	7/32	Cabinet	5	Round/Slim Tip	9-7/16	0.21	VDE, IEC 60900, ASTMF1509

MAGNETIC BIT HOLDERS

- Magnetic to hold the bit in place.

Product #	Drive Size (in)	Overall Length (in)	Weight (lbs)
J61222	1/4	2-1/4	0.07
J61223	1/4	2-31/32	0.08
J61224	1/4	4	0.12
J61226	1/4	6	0.20
J61234	1/4	2-11/32	0.05



3 PIECE NUT SETTER SET - 1/4" HEX SHANK

Product #: J61909HS



TORQUEPLUS FASTENING SYSTEM

- Radius-corner socket design
- Engages flats for better grip
- Improves the ability to turn worn or rounded fasteners

- Proto® TorquePlus™ design is a high performance drive configuration which allows for quick and easy engagement to the fastener flats, not the corners.
- The TorquePlus™ configuration employs a radius-corner design, shifting contact area and stress away from the fastener corners and distributing contact stresses over a large area of the socket, minimizing slippage.
- The TorquePlus™ internal design minimizes fastener rounding, helps to extend fastener life, and allows the user to more easily turn worn, rounded, or rusted fasteners.
- Magnets feature enhanced holding power to help improve fastener retention, helping to increase productivity.

INCH	Overall Length (in)
1/4	2-9/16
5/16	1-9/16
3/8	1-9/16

1/4" HEX MAGNETIC NUT SETTERS

- Magnets feature enhanced holding power to help improve fastener retention, helping to increase productivity.

Product #	INCH	Drive End Outside Dia. (in)	Overall Length (in)	Weight (lbs)
J61620	1/4	7/16	2-9/16	0.06
J61622	5/16	1/2	2-9/16	0.07
J61624	3/8	9/16	2-9/16	0.07
J61626	7/16	5/8	2-9/16	0.09
J61650	1/4	7/16	1-3/4	0.04
J61652	5/16	1/2	1-3/4	0.05
J61654	3/8	9/16	1-3/4	0.05
J61656	7/16	5/8	1-3/4	0.07



Product #	MM	Drive End Outside Dia. (in)	Overall Length (in)	Weight (lbs)
J61692	8 mm	1/2	1-3/4	0.05
J61694	10 mm	9/16	1-3/4	0.05

MAGNETIC BIT SCREWDRIVERS

- Extra-long handle allows greater access to confined, restricted areas.
- Convenient bit storage in handle.



Product #	Shank Type	Overall Length (in)	Weight (lbs)
J9300MS	1/4" Hex	7-9/16	0.15

28 PIECE MAGNETIC SCREWDRIVER BIT SET

Product #: J61929

- Packaged in plastic blow-molded case for easy storage.



Description
Phillips 1/4" Hex Bit Insert Tip Sizes #0, #1, #2, #3
Slotted 1/4" Hex Bit Insert Tip Sizes 3F-4R, 4F-5R, 7/32", 5/32", 9/32"
Torx 1/4" Hex Bit Insert Tip Sizes T10, T15, T20, T25, T30, T40
Square Recess 1/4" Hex Bit Insert Tip Sizes #0, #1, #2, #3
Socket Head 1/4" Hex Tip Sizes 5/64", 3/32", 1/8", 5/32", 3/16"
Clutch 1/4" Hex Bit Insert Tip Sizes 1/8", 5/32"
Magnetic Bit, Holder
Screwdriver, Magnetic Bit, Holder

Weight (lbs): 1.07

1/4" HEX RATCHETING MAGNETIC BIT DRIVER

Product #: J9323

- Magnetic driver keeps bits securely in place while holding fasteners to bit.
- Forward-lock-reverse switch mechanism.
- Four-sided ergonomic design handle with bi-material non-slip grip.
- Knurled shaft for ease-of-use when trying to spin shaft by hand.



91 PIECE MULTI-BIT SET

Product #: J61390

- Packaged in blow-molded case for easy storage and organization.
- 1/4" Hex Ratcheting Magnetic Bit Driver:
  - Magnetic driver keeps bits securely in place while holding fasteners to bit.
  - Forward-lock-reverse switch mechanism.
  - Four-sided ergonomic design handle with bi-material non-slip grip.
  - Knurled shaft for ease-of-use when trying to spin shaft by hand.
- 1/4" Hex Magnetic T-Handle Bit Driver:
  - Magnetic drive end holds bit securely in place while holding fasteners to bit.
  - Dual drive ends for optimal accessibility.



Description
Tamper Hex Bit Tip Sizes 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"
Tamper Hex Bit Tip Sizes 9/32", 5/16", 3/8", 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm
Tamper Torx Bit Tip Sizes TT6, TT7, TT8, TT9, TT10, TT15, TT20, TT25, TT27, TT30, TT40, TT45, TT50
Torx Bit Tip Sizes T6, T7, T8, T10, T15, T20, T25, T27, T30, T40, T45, T50
Square Bit Tip Sizes #0, #1, #2, #3
Ball End Hex Bit Tip Sizes 1/8", 5/32", 3/16", 7/32", 1/4", 2.5mm, 3mm, 4mm, 5mm, 5.5mm, 6mm
Phillips Bit Tip Sizes #0, #1, #2, #3, #4
Slotted Bit Tip Sizes 1/8", 5/32", 3/16", 7/32", 1/4", 9/32"
Tri-Wing Bit Tip Sizes Y1, Y2, Y3, Y4
Spanner Bit Tip Sizes 4mm, 6mm, 8mm, 10mm
Spline Bit Tip Sizes M5, M6, M8
Torq-Set Bit Tip Sizes 6mm, 8mm, 10mm
Clutch Bit Tip Sizes 5/32", 3/16", 1/4"
Bit Adapter 1/4" Bit: 1" and 2"
Quick Change Chuck Bit Tip Size 1/4"
Wing Nut Bit Wing Nut
Bit Coupler Bit 1/4"
Clutch 1/4" Hex Bit Insert Tip Sizes 1/8", 5/32"
Magnetic Bit, Holder
Screwdriver, Magnetic Bit, Holder

Weight (lbs): 1.07

11 PIECE MAGNETIC RATCHETING SCREWDRIVER BIT SET

Product #: J9322



- Gearless Ratcheting Screwdriver provides smooth operation, infinite ratcheting angle.
- Convenient bit storage in handle.

Contents	Description	Size	Tips	Overall Length (in)	Drive Size (in)
J60002	Bit, Insert #1 Phillips 1/4" Hex	#1	Phillips	1	1/4
J60008	Bit, Insert #2 Phillips 1/4" Hex	#2	Phillips	1	1/4
J60202	Bit, Insert 3/16" Slotted 1/4" Hex	3/16"	Slotted	1	1/4
J60206	Bit, Insert 5/16" Slotted 1/4" Hex	5/32"	Slotted	1	1/4
–	Nut Setters Magnetic	3/16"	–	1-1/2	1/4
–	Nut Setters Magnetic	1/4"	–	1-1/2	1/4
–	Nut Setters Magnetic	9/32"	–	1-1/2	1/4
–	Nut Setters Magnetic	5/16"	–	1-1/2	1/4
–	Nut Setters Magnetic	11/32"	–	1-1/2	1/4
–	Nut Setters Magnetic	7/16"	–	1-1/2	1/4
–	Screwdriver, Magnetic Ratcheting	–	–	8-3/4	1/4

Weight (lbs): 0.76

5 PIECE MAGNETIC RATCHETING SCREWDRIVER BIT SET

Product #: J9320



- Gearless Ratcheting Screwdriver provides smooth operation, infinite ratcheting angle.
- Convenient bit storage in handle.

Contents	Description	Tip Size	Tips	Overall Length (in)	Drive Size (in)
J60002	Bit, Insert #1 Phillips 1/4" Hex	#1	Phillips	1	1/4
J60008	Bit, Insert #2 Phillips 1/4" Hex	#2	Phillips	1	1/4
J60202	Bit, Insert 3/16" Slotted 1/4" Hex	3/16"	Slotted	1	1/4
J60206	Bit, Insert 5/16" Slotted 1/4" Hex	5/32"	Slotted	1	1/4
–	Screwdriver, Magnetic Ratcheting	–	–	8-3/4	1/4

Weight (lbs): 0.50

11-IN-1 QUICK CHANGE BIT DRIVER

Product #: J93111



- Industrial strength bits with blast finished Tips for a firm hold, helps reduce cam-out.
- Integrated screwdriver/nut driver shaft holds 4 bits and converts to 3 nut driver size.
- Comfort grip handle, allows user to apply torque control.

Contents	Description	Tip Size	Tips
J93002	Bit, Insert Phillips #1 x #2	#1 x #2	Phillips
J93001	Bit, Insert Slotted 3/16" x 1/4"	3/16" x 1/4"	Slotted
J93003	Bit, Insert Square Recess #1 x #2	#1 x #2	Square
J93004	Bit, Insert Torx® T10 x T20	T10 x T20	Torx®
–	Bit, Insert Hex 1/4"	1/4"	Hex - Nut Driver
–	Bit, Insert Hex 5/16"	5/16"	Hex - Nut Driver
–	Bit, Insert Hex 3/8"	3/8"	Hex - Nut Driver

Pozidriv® is a trademark of Phillips Screw Company
Torx® is a trademark of Acument Intellectual Properties, LLC

38 PIECE INSERT/POWER BIT SET

Product #: J61906

Not for use on impact applications.

- Magnetic base provides tool organization as well as portability.
- Strong magnetic bond allows for superior holding strength.
- Holder allows bits to remain organized in a tool box drawer as well as on any metal surface.
- Mixed assortment of standard, slotted, Phillips, and Torx® Tips and clutches to help in a variety of tasks.



Description
Phillips 1/4" Hex Bit Insert Tip Sizes #0, #1, #2, #3, #2
Pozidriv 1/4" Bit Insert Tip Sizes #1, #2
Slotted 1/4" Hex Bit Insert Tip Sizes 4F-5R, 6F-8R, 8F-10R, 10F-12R, 12F-14R, 14F-16R
Torx 1/4" Hex Bit Insert Tip Sizes T6, T7, T8, T9, T10, T15, T20, T25, T30, T40

Weight (lbs): 1.21

Description
Socket Head 1/4" Hex Tip Sizes 3/32", 7/64", 1/8", 9/64", 5/32", 3/16"
Square 1/4" Hex Bit Insert Tip Sizes #0, #1, #2, #3
Clutch 1/4" Hex Bit Insert Tip Sizes 1/8", 5/32", 3/16"
Holder Magnetic 1/4" Hex Bit
Holder Power 1/4" Dr 1/4" Hex

Weight (lbs): 1.21

1/4" & 3/8" DRIVE 11 PIECE TORX® BIT SET

Product #: J5239P

- Not for use on impact applications.
- T10 to T50, 2 Bit Holders, with Pouch.
- 1/4" and 3/8" drive, 1/4" and 5/16" hex.



Contents	Description	Tip Size	Overall Length (in)	Drive Size (in)	Hex Size (in)
J60508	Bit, Insert T10 Torx® 1/4" Hex	T10	1	1/4	1/4
J60510	Bit, Insert T15 Torx® 1/4" Hex	T15	1	1/4	1/4
J60512	Bit, Insert T20 Torx® 1/4" Hex	T20	1	1/4	1/4
J60514	Bit, Insert T25 Torx® 1/4" Hex	T25	1	1/4	1/4
J60516	Bit, Insert T27 Torx® 1/4" Hex	T27	1	1/4	1/4
J60518	Bit, Insert T30 Torx® 1/4" Hex	T30	1	1/4	1/4
J60562	Bit, Insert T40 Torx® 5/16" Hex	T40	1	5/16	5/16
J60564	Bit, Insert T45 Torx® 5/16" Hex	T45	1	5/16	5/16
J60566	Bit, Insert T50 Torx® 5/16" Hex	T50	1	5/16	5/16
J6930	Bit Holder 3/8" DR 5/16" Hex		1-5/16	1/4	1/4
J6931	Bit Holder 3/8" DR 1/4" Hex		1-3/4	1/4	5/16
J25TR50C	Tool Roll, 1 Pocket		6-1/3		

Weight (lbs): 0.36

3/8" DRIVE 7 PIECE TORX® BIT SOCKET SET

Product #: J4739P

- Not for use on impact applications.



Contents	Description	Tip Size	Overall Length (in)	Drive Size (in)	Hex Size (in)
J60508	Bit, Insert T10 Torx® 1/4" Hex	T10	1	1/4	1/4
J60510	Bit, Insert T15 Torx® 1/4" Hex	T15	1	1/4	1/4
J60512	Bit, Insert T20 Torx® 1/4" Hex	T20	1	1/4	1/4
J60514	Bit, Insert T25 Torx® 1/4" Hex	T25	1	1/4	1/4
J60516	Bit, Insert T27 Torx® 1/4" Hex	T27	1	1/4	1/4
J60518	Bit, Insert T30 Torx® 1/4" Hex	T30	1	1/4	1/4
J6931	Bit Holder 3/8" DR 1/4" Hex		1-3/4	3/8	1/4
J25TR50C	Tool Roll, 1 Pocket		6-1/3		

Weight (lbs): 0.19

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PHILLIPS INSERT BITS

- Not for use on impact applications.



Product #	Tips	Tip Size	Drive Size (in)	Overall Length (in)	Weight (lbs)
J60002	Phillips	#1	1/4	1	0.01
J60008	Phillips	#2	1/4	1	0.01
J60020	Phillips	#3	1/4	1	0.01
J60050	Phillips	#1	5/16	1-1/4	0.02
J60052	Phillips	#2	5/16	1-1/4	0.02
J60054	Phillips	#3	5/16	1-1/4	0.03

PHILLIPS ACR® INSERT BITS

- Not for use on impact applications.



Product #	Tips	Tip Size	Drive Size (in)	Overall Length (in)	Weight (lbs)
J60004	Phillips ACR®	#1	1/4	1	0.01
J60010	Phillips ACR®	#2	1/4	1	0.01
J60022	Phillips ACR®	#3	1/4	1	0.01

PHILLIPS POWER TOOL INSERT BITS

- Not for use on impact applications.



Product #	Tips	Tip Size	Drive Size (in)	Overall Length (in)	Weight (lbs)
J60116	Phillips	#2	1/4	2-51/64	0.03

SLOTTED INSERT BITS

- Not for use on impact applications.



Product #	Tips	Tip Size (in)	Drive Size (in)	Overall Length (in)	Weight (lbs)
J60200	Keystone Slotted	5/32	1/4	1	0.01
J60202	Keystone Slotted	3/16	1/4	1	0.01
J60204	Keystone Slotted	7/32	1/4	1	0.01
J60206	Keystone Slotted	5/32	1/4	1	0.01
J60208	Keystone Slotted	9/32	1/4	1	0.01
J60256	Keystone Slotted	3/8	5/16	1-1/2	0.03
J60262	Keystone Slotted	3/8	5/16	1-1/2	0.03

TORX® INSERT BITS

- Not for use on impact applications.



Product #	Tips	Tip Size	Drive Size (in)	Overall Length (in)	Weight (lbs)
J60500	Torx®	T6	1/4	1	0.01
J60502	Torx®	T7	1/4	1	0.01
J60504	Torx®	T8	1/4	1	0.01
J60506	Torx®	T9	1/4	1	0.01
J60508	Torx®	T10	1/4	1	0.01
J60510	Torx®	T15	1/4	1	0.01
J60512	Torx®	T20	1/4	1	0.01
J60514	Torx®	T25	1/4	1	0.01
J60516	Torx®	T27	1/4	1	0.01
J60518	Torx®	T30	1/4	1	0.01
J60520	Torx®	T40	1/4	1	0.02
J60560	Torx®	T30	5/16	1-1/2	0.02
J60562	Torx®	T40	5/16	1	0.02
J60564	Torx®	T45	5/16	1	0.03
J60566	Torx®	T50	5/16	1	0.03

TORX® POWER TOOL INSERT BIT

- Not for use on impact applications.



Product #	Tips	Tips Size	Drive Size (in)	Overall Length (in)	Weight (lbs)
J60666	Torx®	T10	1/4	6	0.04

TORX® TAMPER-PROOF INSERT BITS

- Not for use on impact applications.



Product #	Tips	Tip Size	Drive Size (in)	Overall Length (in)	Weight (lbs)
J60530	Tamper Torx®	T10H	1/4	1	0.01
J60532	Tamper Torx®	T15H	1/4	1	0.01
J60534	Tamper Torx®	T20H	1/4	1	0.01
J60536	Tamper Torx®	T25H	1/4	1	0.01
J60538	Tamper Torx®	T27H	1/4	1	0.01

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SQUARE INSERT BITS

- Not for use on impact applications.



Product #	Tips	Tip Size	Drive Size (in)	Overall Length (in)	Weight (lbs)
J61002	Square	#1	1/4	1	0.01
J61004	Square	#2	1/4	1	0.01
J61006	Square	#3	1/4	1	0.01

LOCKING ADAPTER (MALE TO MALE)

Product #: J4759BL



Product #	Output Drive Size (in)	Overall Length (in)	Weight (lbs)
J4759BL	1/4	2-1/2	0.07

POWER BIT HOLDERS

- Not for use on impact applications.



Product #	Input Drive Size (in)	Insert Hex Size (in)	Overall Length (in)	Weight (lbs)
J6925	1/4	1/4	1	0.04
J6930	3/8	1/4	1-5/16	0.07
J6931	3/8	5/16	1-3/4	0.07

SQUARE EXTENSIONS

- Made of forged steel.
- Size stamped on tool for easy identification.
- Ball detent.



Product #	Tips	Input Hex Size (in)	Output Male Square (in)	Style	Overall Length (in)	Weight (lbs)
J61302	Square	1/4	1/4	Pin	2	0.04
J61304	Square	1/4	1/4	Pin	4	0.08
J61306	Square	1/4	1/4	Pin	6	0.12
J61352	Square	1/4	1/4	Ball	2	0.04
J61402	Square	1/4	3/8	Pin	2	0.05
J61404	Square	1/4	3/8	Pin	4	0.13
J61406	Square	1/4	3/8	Pin	6	0.13
J61502	Square	7/16	3/8	Ball	2	0.05

EXTENSIONS - 7/16" HEX SHANK

- Made of forged steel.
- Size stamped on tool for easy identification.
- Not for use on impact applications.



Product #	Tips	Input Hex Size (in)	Output Male Square (in)	Overall Length (in)	Weight (lbs)
J7111	Square	7/16	3/8	2-3/4	0.14
J7121	Square	7/16	1/2	2-3/4	0.17

SLOTTED MAGNETIC SCREW STARTERS

- Pocket clip.

Product #	Overall Length (in)	Weight (lbs)
J9853	5-5/8	0.04
J9855	9-5/8	0.09



PHILLIPS MAGNETIC SCREW STARTERS

- Pocket clip.

Product #	Overall Length (in)	Weight (lbs)
J9884	5-3/4	0.05
J9886	9-3/4	0.06



COMBINATION SCREW STARTERS

- Pocket clip.

Product #	Overall Length (in)	Weight (lbs)
J9866	6-1/4	0.04



18 PIECE HEX KEY SET

Product #: J4986

- Metal storage box included.

Contents	INCH	Long Arm Length (in)	Short Arm Length (in)
J46101	1/32	1-1/4	1/8
J46102	1/32	1-1/4	3/16
J46103	3/64	1-11/16	1/2
J46104	1/16	1-3/4	9/16
J46105	5/64	1-7/8	5/8
J46106	3/32	2	11/16
J46107	7/64	2-1/8	23/32
J46108	1/8	2-1/4	3/4
J46109	9/64	2-3/8	13/16
J46110	5/32	2-1/2	27/32
J46112	3/16	2-3/4	15/16
J46114	7/32	3	1
J46116	1/4	3-1/4	1-1/8
J46120	5/16	3-3/4	1-1/4
J46124	3/8	4-1/4	1-3/8
J46132	1/2	5-1/4	1-5/8
J46136	9/16	5-3/4	1-3/4
J46140	5/8	6-1/4	1-7/8

Weight (lbs): 3.36 ASME B18.3



13 PIECE HEX KEY SET

Product #: J4980

- Molded plastic holder included.

Contents	INCH	Long Arm Length (in)	Short Arm Length (in)
J46103	3/64	1-11/16	1/2
J46104	1/16	1-3/4	9/16
J46105	5/64	1-7/8	5/8
J46106	3/32	2	11/16
J46107	7/64	2-1/8	23/32
J46108	1/8	2-1/4	3/4
J46109	9/64	2-3/8	13/16
J46110	5/32	2-1/2	27/32
J46112	3/16	2-3/4	15/16
J46114	7/32	3	1
J46116	1/4	3-1/4	1-1/8
J46120	5/16	3-3/4	1-1/4
J46124	3/8	4-1/4	1-3/8

Weight (lbs): 0.60 ASME B18.3



7 PIECE HEX KEY SET

Product #: J4982

- Molded plastic holder included.

Contents	INCH	Long Arm Length (in)	Short Arm Length (in)
J46105	5/64	1-7/8	5/8
J46106	3/32	2	11/16
J46108	1/8	2-1/4	3/4
J46110	5/32	2-1/2	27/32
J46112	3/16	2-3/4	15/16
J46114	7/32	3	1
J46116	1/4	3-1/4	1-1/8

Weight (lbs): 1.20 ASME B18.3



13 PIECE ROUND HEAD HEX KEY SET

Product #: J4995

- Ball end can tighten or loosen screws at angles up to 25°.
- Molded plastic holder included.

INCH	Long Arm Length (in)	Short Arm Length (in)
3/64	2-55/64	33/64
1/16	3-1/64	9/16
5/64	3-3/16	39/64
3/32	3-3/8	21/32
7/64	3-19/32	45/64
1/8	3-3/4	3/4
9/64	3-63/64	13/16
5/32	4-7/32	53/64
3/16	4-1/2	61/64
7/32	4-29/32	1-1/32
1/4	5-33/64	1-3/32
5/16	6-1/32	1-1/4
3/8	6-23/32	1-25/64

Weight (lbs): 0.82 ASME B18.3



9 PIECE ROUND HEAD HEX KEY SET - METRIC

Product #: J4996

- Ball end can tighten or loosen screws at angles up to 25°.
- Molded plastic holder included.



MM	Long Arm Length (in)	Short Arm Length (in)
1.5	3-3/64	1/2
2	3-1/4	39/64
2.5	3-1/2	45/64
3	3-7/8	47/64
4	4-11/32	55/64
5	4-45/64	1-1/16
6	5-7/16	1-7/32
8	6-1/64	1-3/8
10	6-11/16	1-17/32

Weight (lbs): 1.70 ASME B18.3

14 PIECE LONG HEX KEY SET

Product #: J4987

- Metal storage box included.



Contents	INCH	Long Arm Length (in)	Short Arm Length (in)
J46203	3/64	2-7/8	1/2
J46204	1/16	3	9/16
J46205	5/64	3-3/16	5/8
J46206	3/32	3-3/8	11/16
J46207	7/64	3-9/16	23/32
J46208	1/8	3-3/4	3/4
J46209	9/64	3-15/16	13/16
J46210	5/32	4-1/8	27/32
J46212	3/16	4-1/2	15/16
J46214	7/32	4-7/8	1
J46216	1/4	5-1/4	1-1/8
J46220	5/16	6	1-1/4
J46224	3/8	6-3/4	1-3/8
J46232	1/2	8-1/4	1-5/8

Weight (lbs): 2.28 ASME B18.3

15 PIECE HEX KEY SET - METRIC

Product #: J4988M

- Metal storage box included.



Contents	MM	Long Arm Length (in)	Short Arm Length (in)
J46300	0.7	1-7/32	15/64
J46302	0.9	1-7/32	23/64
J46304	1.3	1-39/64	33/64
J46306	1.5	1-47/64	33/64
J46308	2	1-59/64	5/8
J46310	2.5	2-11/64	45/64
J46312	3	2-7/16	3/4
J46314	4	2-43/64	15/16
J46316	5	3-5/64	1-1/16
J46318	6	3-15/32	1-7/32
J46320	8	3-55/64	1-3/8
J46322	10	4-19/64	1-17/32
J46324	12	4-51/64	1-47/64
J46326	14	5-23/64	2-11/64
J46328	17	6-9/64	2-13/32

Weight (lbs): 3.40 ASME B18.3.2M

9 PIECE HEX KEY SET - METRIC

Product #: J4984

- Molded plastic holder included.



Contents	MM	Long Arm Length (in)	Short Arm Length (in)
J46306	1.5	1-47/64	33/64
J46308	2	1-59/64	5/8
J46310	2.5	2-11/64	45/64
J46312	3	2-7/16	3/4
J46314	4	2-43/64	15/16
J46316	5	3-5/64	1-1/16
J46318	6	3-15/32	1-7/32
J46320	8	3-55/64	1-3/8
J46322	10	4-19/64	1-17/32

Weight (lbs): 0.54 ASME B18.3.2M

7 PIECE HEX KEY SET - METRIC

Product #: J4985

- Molded plastic holder.
- Hex size ranges from 1.5 mm to 6 mm.



Contents	MM	Long Arm Length (in)	Short Arm Length (in)
J46306	1.5	1-47/64	33/64
J46308	2	1-59/64	5/8
J46310	2.5	2-11/64	45/64
J46312	3	2-7/16	3/4
J46314	4	2-43/64	15/16
J46316	5	3-5/64	1-1/16
J46318	6	3-15/32	1-7/32

Weight (lbs): 0.16 ASME B18.3.2M

10 PIECE TORX® KEY SET

Product #: J4961

- Torx® Size: T10, T15, T20, T25, T27, T30, T40, T45, T50, T55, and Plastic Pouch.



Torx® Size	Long Arm Length (in)	Short Arm Length (in)
T10	2-9/32	27/32
T15	2-15/32	57/64
T20	2-23/32	15/16
T25	3-1/64	1-1/64
T27	3-3/8	1-9/64
T30	3-3/4	1-13/64
T40	4-1/8	1-21/64
T45	4-9/64	1-31/64
T50	4-3/16	1-35/64
T55	4-9/64	1-23/32
Plastic Pouch		

Weight (lbs): 0.76

6 PIECE FOLDING HEX KEY SET

Product #: J4996CG

- Case is 5-1/2".



INCH	Set Screws	Fits Cap Screws 1960 Series	Cap Screws 1936 Series
5/32	5/16	#10	#10
3/16	3/8	1/4	1/4
7/32	7/16	–	5/16
1/4	1/2, 9/16	5/16	–
5/16	5/8	3/8	3/8, 7/16
3/8	3/4	7/16, 1/2	1/2, 9/16

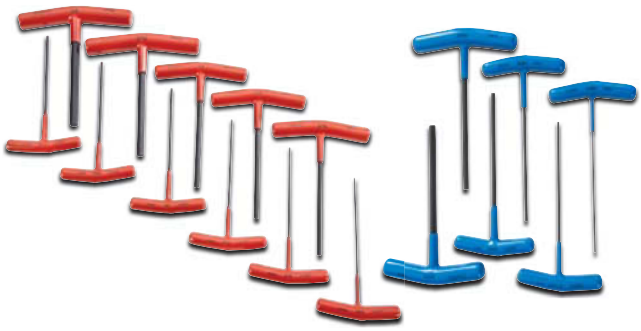
Weight (lbs): 0.24

17 PIECE T-HANDLE HEX KEY SET

Product #: J4970S

- T-handle design for greater torque.
- Cushion grip handle provides added comfort.
- Hex size printed on handle for easy size identification.

Contents	INCH	Handle Length (in)	Length (in)
J46405	5/64	3	6
J46406	3/32	3	6
J46407	7/64	3	6
J46408	1/8	3	6
J46409	9/64	3	6
J46410	5/32	3	6
J46412	3/16	4	6
J46414	7/32	4	6
J46416	1/4	4	6
J46420	5/16	6	6
J46424	3/8	6	6



Contents	MM	Handle Length (in)	Length (in)
J46508	2	3	6
J46510	2.5	3	6
J46512	3	3	6
J46514	4	3	6
J46516	5	4	6
J46518	6	4	6

Weight (lbs): 4.66

11 PIECE T-HANDLE HEX KEY SET

Product #: J4968

- T-handle design for greater torque.
- Cushion grip handle provides added comfort.
- Hex size printed on handle for easy size identification.

Contents	INCH	Handle Length (in)	Length (in)
J46405	5/64	3	6
J46406	3/32	3	6
J46407	7/64	3	6
J46408	1/8	3	6
J46409	9/64	3	6
J46410	5/32	3	6
J46412	3/16	4	6
J46414	7/32	4	6
J46416	1/4	4	6
J46420	5/16	6	6
J46424	3/8	6	6

Weight (lbs): 3.98



6 PIECE METRIC T-HANDLE HEX KEY SET

Product #: J4969

- T-handle design for greater torque.
- Cushion grip handle provides added comfort.
- Hex size printed on handle for easy size identification.

Contents	MM	Handle Length (in)	Length (in)
J46508	2	3	6
J46510	2.5	3	6
J46512	3	3	6
J46514	4	3	6
J46516	5	4	6
J46518	6	4	6

Weight (lbs): 1.00



Torx® is a trademark of Acument Intellectual Properties, LLC

STANDARD HEX KEYS

- Heat-treated for durability.
- Rust resistant black oxide finish.



Product #	INCH	MM	Long Arm Length (in)	Short Arm Length (in)	Weight (lbs)
J46102	1/32	–	1-1/4	3/16	0.01
J46103	3/64	–	1-11/16	1/2	0.01
J46104	1/16	–	1-3/4	9/16	0.01
J46105	5/64	–	1-7/8	5/8	0.01
J46106	3/32	–	2	11/16	0.01
J46107	7/64	–	2-1/8	23/32	0.01
J46108	1/8	–	2-1/4	3/4	0.01
J46109	9/64	–	2-3/8	13/16	0.02
J46110	5/32	–	2-1/2	27/32	0.02
J46112	3/16	–	2-3/4	15/16	0.03
J46114	7/32	–	3	1	0.05
J46116	1/4	–	3-1/4	1-1/8	0.07
J46120	5/16	–	3-3/4	1-1/4	0.1
J46124	3/8	–	4-1/4	1-3/8	0.19
J46128	7/16	–	4-3/4	1-1/2	0.31
J46132	1/2	–	5-1/4	1-5/8	0.31
J46136	9/16	–	5-3/4	1-3/4	0.31
J46140	5/8	–	6-1/4	1-7/8	0.58
J46300	–	0.7	1-7/32	15/64	0.01
J46302	–	0.9	1-7/32	23/64	0.01
J46304	–	1.3	1-39/64	33/64	0.01
J46306	–	1.5	1-47/64	33/64	0.01
J46308	–	2	1-59/64	5/8	0.01
J46310	–	2.5	2-11/64	45/64	0.01
J46312	–	3	2-7/16	3/4	0.01
J46314	–	4	2-43/64	15/16	0.01
J46316	–	5	3-5/64	1-1/16	0.04
J46318	–	6	3-15/32	1-7/32	0.07
J46320	–	8	3-55/64	1-3/8	0.13
J46322	–	10	4-19/64	1-17/32	0.23
J46324	–	12	4-51/64	1-47/64	0.36
J46326	–	14	5-23/64	2-11/64	0.57
J46328	–	17	6-9/64	2-13/32	0.95

ASME B18.3

LONG HEX KEYS

- Heat-treated for durability.
- Rust resistant black oxide finish.



Product #	INCH	Long Arm Length (in)	Short Arm Length (in)	Weight (lbs)
J46203	3/64	2-7/8	1/2	0.01
J46204	1/16	3	9/16	0.01
J46205	5/64	3-3/16	5/8	0.01
J46206	3/32	3-3/8	11/16	0.01
J46207	7/64	3-9/16	23/32	0.01
J46208	1/8	3-3/4	3/4	0.02
J46209	9/64	3-15/16	13/16	0.03
J46210	5/32	4-1/8	27/32	0.03
J46212	3/16	4-1/2	15/16	0.05
J46214	7/32	4-7/8	1	0.07
J46216	1/4	5-1/4	1-1/8	0.10
J46220	5/16	6	1-1/4	0.17
J46224	3/8	6-3/4	1-3/8	0.28
J46228	7/16	7-1/2	1-1/2	0.45
J46232	1/2	8-1/4	1-5/8	0.61

ASME B18.3

T-HANDLE HEX KEYS

- T-handle design for greater torque.
- Cushion grip handle provides added comfort.
- Hex size printed on handle for easy size identification.

Product #	INCH	Handle Length (in)	Length (in)	Weight (lbs)
J46405	5/64	3	6	0.11
J46406	3/32	3	6	0.11
J46407	7/64	3	6	0.11
J46408	1/8	3	6	0.14
J46409	9/64	3	6	0.14
J46410	5/32	3	6	0.32
J46412	3/16	4	6	0.32
J46414	7/32	4	6	0.63
J46416	1/4	4	6	0.82
J46420	5/16	6	6	0.89
J46424	3/8	6	6	0.90



T-HANDLE HEX KEYS - METRIC

- T-handle design for greater torque.
- Cushion grip handle provides added comfort.
- Hex size printed on handle for easy size identification.

Product #	MM	Handle Length (in)	Length (in)	Weight (lbs)
J46508	2	3	6	0.11
J46510	2.5	3	6	0.13
J46512	3	3	6	0.13
J46514	4	3	6	0.14
J46516	5	4	6	0.32
J46518	6	4	6	0.62





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PLIERS GUIDE

SAFETY WIRE PLIERS

Safety wire is a type of positive locking device that prevents fasteners from loosening due to vibration and other forces. The presence of safety wiring also serves to indicate that the fasteners have been properly tightened.

Safety wire is available in a variety of gauges and materials, depending on the application. In aircraft and racing applications, stainless steel wire is used, most commonly in .032" diameter. Typically, the wire is threaded through a hole drilled into a fastener or part, then twisted and anchored to a second fastener or part, then twisted again.





LOCKING PLIERS

Multiple jaws for a wide range of applications.

STRAIGHT



CURVED



LONG NOSE



MULTI-GRIP PLIERS

Adjustable for a variety of general uses.

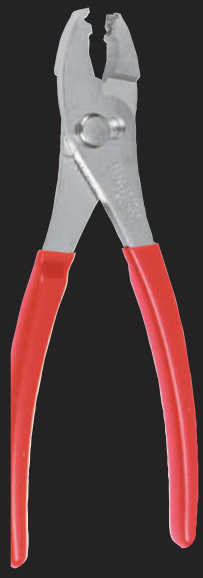
TONGUE & GROOVE



SLIP-JOINT



HOSE CLAMP



FIXED-JOINT PLIERS

Flush joint design for better access

NEEDLE-NOSE



DUCKBILL



DIAGONAL CUTTING



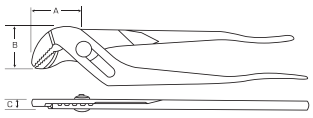
LINEMAN'S

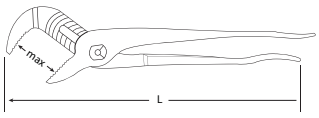


PROTO® XL PLIERS

- Accurately machined joints assembled with permanent rivet for strength and precision movement.
- Pliers with teeth on inside joint are milled parallel with pliers halves for perpendicular grab while pulling wire, fish tape, etc.
- Exclusive Flush Fastener provides better access with increased user adjustability making it 30% narrower.
- Flush Fastener allows pliers to lay flat in the work place and prevents snagging on tool belts/pouches.
- Flush Fastener is a nut and bolt assembly and can easily be adjusted by the end user in the field.
- Jaws are milled with deep self-gripping pipe wrench style teeth for maximum bite.
- Combination jaws are milled with deep, sharp, lobster claw design that give two gripping areas with each position.
- Accurately machined undercut tongue and groove points for precision movement and joint strength.

XL SERIES FLUSH FASTENER GROOVE JOINT PLIERS



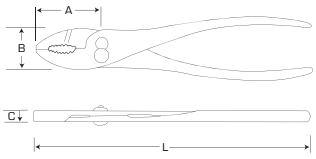




Product #	Overall Length (in) (L)	Max. Opening (in)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J262SGXL	7	1-3/32	1-43/64	1-19/64	1-19/64	0.5
J260SGXL	10	1-49/64	2-3/32	1-19/32	27/64	0.94
J265SGXL	16	4-13/64	3	3-3/32	33/64	2.6

ASME B107.23-2004

XL SERIES FLUSH FASTENER SLIP-JOINT PLIERS



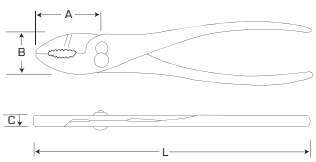


Product #	Overall Length (in) (L)	Max. Opening (in)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J276GXL	6-1/2	1/2	1-1/4	1-1/4	13/32	0.5
J278GXL	8	11/16	2-3/32	1-5/16	13/32	0.64

ASME B107.23-2004

COMBINATION SLIP-JOINT PLIERS

- Has two jaw positions and shear type wire cutter.





Product #	Overall Length (in) (L)	Max. Opening (in)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J276G	6-9/16	1	1-3/4	1-3/16	3/8	0.52
J278G	8-1/16	1	1-3/4	1-13/64	1-13/64	0.67
J276*	6-9/16	1	1-3/4	1-3/16	3/8	0.52

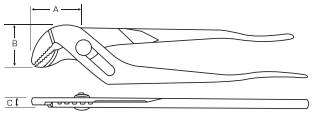
*No grip.

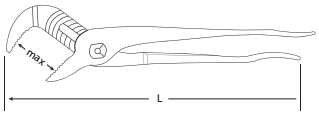
ASME B107.23

POWER-TRACK® II TONGUE & GROOVE PLIERS

- Precision milled undercut groove joint provides interlocking feature for powerful non-slip performance.
- Special fastener ensures permanent assembly, yet allows for easy adjustment.
- Angled teeth provide superior gripping power over standard right angled teeth.
- Plastisol grips for added comfort.
- Natural finish.







Product #	Overall Length (in) (L)	Max. Opening (in)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J261SG	5	15/32	7/8	13/16	3/16	0.15
J262SG	7-1/16	1-1/8	1-3/8	1-3/4	5/16	0.48
J260SG	10-3/16	2-1/8	1-15/16	2-3/4	13/32	1.00
J265SG	16-7/8	4-1/16	3-3/8	4-1/8	17/32	3.50

ASME B107.23

3 PIECE LOCK JOINT PLIERS SET

Product #: J260MGS



Contents	Description
J262MG	Pliers, Lock Joint 7"
J260MG	Pliers, Lock Joint 10"
J264MG	Pliers, Lock Joint 12"

Weight (lbs): 3.38

4 PIECE ASSORTED PLIER SET

Product #: J200XLS



Contents	Description
J209G	Pliers, Diagonal Cutting w/Grip 7-5/16"
J226G	Pliers, Need Nose with Cutter 6-5/8"
J260SGXL	Pliers, Groove Joint w/Grip 10"
J278GXL	Pliers, Slip Joint w/Grip 8"

Weight (lbs): XXXX

6 PIECE ASSORTED PLIERS SET

Product #: J202GS

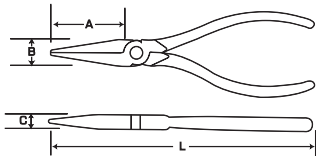


Contents	Description
J206G	Pliers, Diagonal Cutting w/Grip 6-1/16"
J227G	Pliers, Duckbill w/Grip 7-25/32"
J228G	Pliers, Needle Nose Long 7-25/32"
J260SG	Pliers, Tongue and Groove 10-3/16" w/ Grip
J267G	Pliers, Lineman's New England Style 7-1/4"
J278G	Pliers, Combination Slip-Joint w/Grip 8-1/16"

Weight (lbs): 4.01

NEEDLE-NOSE PLIERS

- Induction hardened cutting edges.
- Diamond serrated jaws.
- Plastisol grips for added comfort.





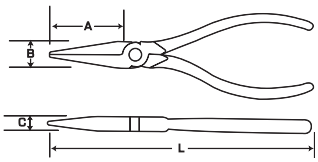
J220G J226G

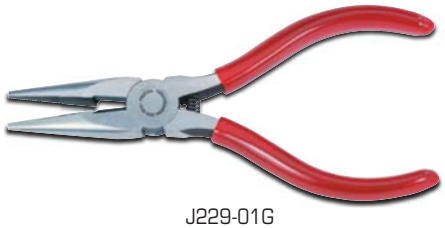
Product #	Cutter Feature	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J220G	No	6-5/8	1-7/8	11/16	3/8	0.35
J226G	Yes	6-5/8	1-7/8	11/16	3/8	0.34
J226-01G	Yes	7-1/2	2-5/8	3/4	3/8	0.40

ASME B107.20M

NEEDLE-NOSE PLIERS - COIL SPRING

- Induction hardened cutting edges.
- Diamond serrated jaws.
- Coil spring.
- Plastisol grips for added comfort.





J229-01G

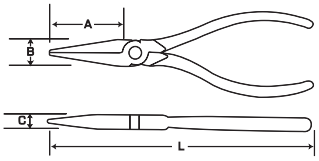
Product #	Cutter Feature	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J229-01G	Yes	5-9/16	1-11/16	1/2	9/32	0.23

ASME B107.20M

*No grip.

NEEDLE-NOSE PLIERS - LONG REACH

- Extra-long handle allows greater access to confined, restricted areas.
- Improved fulcrum point provides more holding power at the tip with less gripping effort.
- Plastisol grips for added comfort.

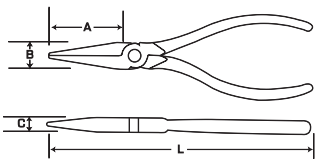




Product #	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J240G	11-9/16	2-13/16	23/32	13/32	0.63

NEEDLE-NOSE PLIERS - LONG

- Diamond serrated jaws.
- Plastisol grips for added comfort.





J222G

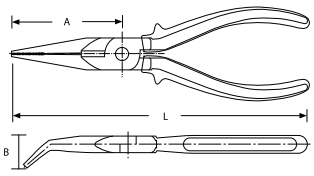


J223G

Product #	Description	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)	ASME Spec
J222G	**Long Thin** - Very thin nose allows access into minimum clearance areas.	7	2-1/8	11/16	11/32	0.28	ASME B107.13
J223G	**Long Extra Thin** - Extra slim-nose pliers for light precision work. Designed for gripping, looping, and twisting wire in confined areas.	6-5/32	2-5/32	1/2	9/32	0.20	ASME B107.20

BENT NOSE NEEDLE-NOSE PLIERS

- 78° angle to reach around obstructions.
- Thin nose allows access into tight areas.
- Diamond serrated jaws.
- Plastisol grips for added comfort.



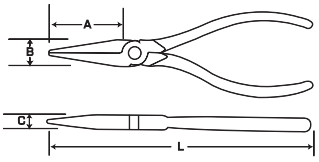


Product #	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J225G	6-1/2	1-5/8	3/4	3/8	0.42

ASME B107.500

DUCKBILL PLIERS

- Wide, flat nose for better grip than standard needle-nose pliers.
- Diamond serrated jaws.
- Long handle for added leverage.
- Plastisol grips for added comfort.





Product #	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J227G	7-25/32	1-9/16	17/32	7/16	0.38

ASME B107.13

6 PIECE CUTTING PLIERS SET

Product #: J201GS

Contents	Description
J204G	Pliers, Diagonal Cutting w/Grip 4-7/16"
J209G	Pliers, Diagonal Cutting HD w/Grip 7-5/16"
J226-01G	Pliers, Needle Nose w/ Spring and Cutter 7-1/2"
J229-01G	Pliers, Needle Nose w/ Spring and Cutter 5-9/16"
J269G	Pliers, Lineman's High Leverage 9-1/4"
J272G	Pliers, End Cutting High Leverage 8-1/4"

Weight (lbs): 3.90



3 PIECE CUTTING PLIERS SET

Product #: J228GS

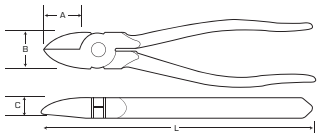
Contents	Description
J210AHG	Pliers, Diagonal Angled Head 8-1/8"
J226G	Pliers, Needle Nose w/ Cutter 6-5/8"
J269G	Pliers, Lineman's High Leverage 9-1/4"

Weight (lbs): 2.19



DIAGONAL CUTTING PLIERS WITH GRIP

- Induction hardened cutting edges.
- Thin narrow jaws for access in tight areas.
- Plastisol grips for added comfort.



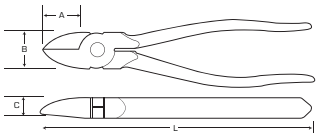


Product #	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J204G	4-7/16	18/32	9/16	5/16	0.22
J206G	6-1/16	13/16	3/4	7/16	0.40
J207G	7-5/16	1	7/8	15/32	0.50

ASME B107.11

HEAVY-DUTY DIAGONAL CUTTING PLIERS

- Induction hardened cutting edge.
- Powerful leverage cuts heavy wire with ease.
- Plastisol grips for added comfort.



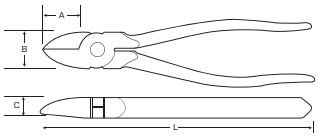


Product #	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J209G	7-5/16	2-5/32	7/8	1/2	0.58
J210G	8-1/2	3/4	1-7/32	15/32	0.64

ASME B107.11

DIAGONAL PLASTIC CUTTING PLIERS

- Adjusting set screw allows fast, precise cutting and prevents cutting edges from damaging each other.
- Coil spring for reduced hand fatigue.
- Induction hardened cutting edges.
- Plastisol grips for added comfort.

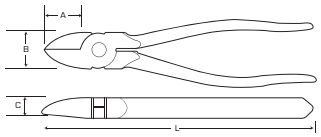




Product #	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J212G	6-3/4	3/4	3/4	7/16	0.39

HIGH LEVERAGE DIAGONAL CUTTING PLIERS LONG REACH - ANGLED HEAD

- Extra-long handle provides high leverage cutting capabilities with less user effort.
- 30° angled head for hard-to-reach areas.
- Wide handle contour for less fatigue.
- Plastisol grips for added comfort.

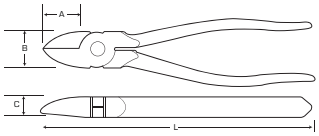




Product #	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J244G	11-1/8	1	63/64	63/64	0.94

END-CUTTING PLIERS - HIGH LEVERAGE

- Semi-flush cutting in areas inaccessible to side-cutting pliers.
- High leverage for easy cutting of most wires and nails.
- Plastisol grips for added comfort.



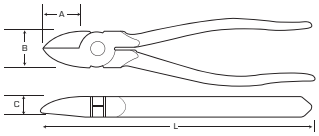


Product #	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J272G	8-1/4	5/16	1-3/4	1-3/16	0.90

ASME B107.20

LINEMAN'S PLIERS

- For utility linemen, wiring and electrical equipment installation, and maintenance.
- Induction hardened cutting edges and diamond serrated jaws.
- Built-in insulation crusher.
- Plastisol grips for added comfort.



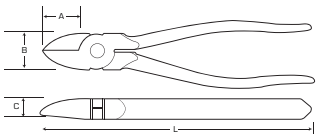


Product #	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J268G	8-5/8	1-1/2	1-3/16	5/8	0.98

ASME B107.20

LINEMAN'S PLIERS - NEW ENGLAND STYLE

- Slim rounded nose for easy access in restricted spaces.
- Diamond serrated jaws.
- Plastisol grips for added comfort.



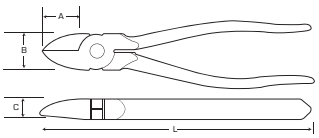


Product #	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J266G	6-3/16	1-3/32	29/32	1/2	0.50
J267G	7-1/2	1-9/32	1-1/8	1/2	0.67

ASME B107.20

LINEMAN'S PLIERS - HIGH LEVERAGE

- Jaws have offset rivet for increased leverage.
- Designed for cutting No. 8 and other large wires.
- Diamond serrated jaws.
- Plastisol grips for added comfort.



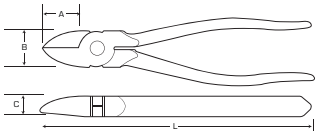


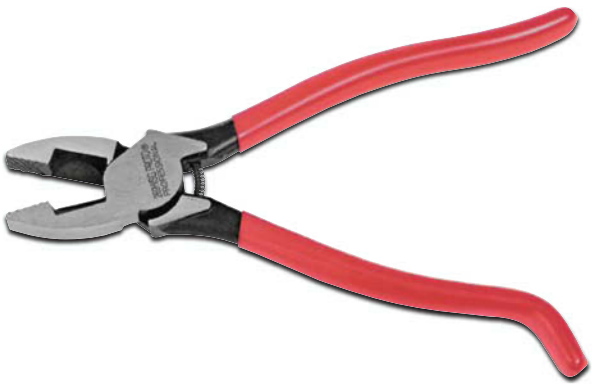
Product #	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J269G	9-1/4	1-3/16	1-3/32	5/8	1.10

ASME B107.20

IRON WORKER'S PLIERS

- Designed to tie and cut wire associated with reinforcing bar.
- Hook bend in handle to reduce slippage when gripping and pulling.
- Coil spring holds jaws open, yet close easily.
- Plastisol grips for added comfort.



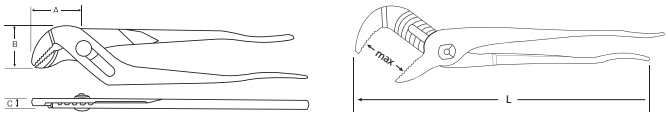


Product #	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J269WSG	9-1/4	1-9/16	1-9/32	5/8	1.16

SMALL ANGLE NOSE PLIERS

- Nose angled for easy access.
- Angled teeth provide superior gripping power over standard right angled teeth.
- Plastisol grips for added comfort.



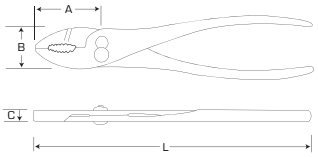


Product #	Overall Length (in) (L)	Max. Opening (in)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)	Weight (lbs)
J235	5-1/4	5/8	3/4	5/8	11/64	0.10

SOFT JAW - CANNON PLUG PLIERS

- Capacity of 3/4" to 2-1/2".
- Four position pivot design provides greater concentricity.
- Replaceable urethane padded jaws protect work piece from marking or scratching.
- Plastisol grips for added comfort.



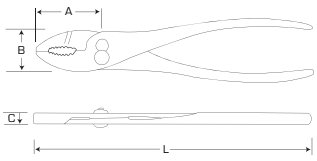


Product #	Overall Length (in) (L)	Max. Opening (in)	Replacement Item	Weight (lbs)
J253G	9-1/2	2-1/2	253GRK	0.54

HOSE CLAMP PLIERS

- Installs and removes wire spring tension clamps.
- Two position jaws grip full range of clamp sizes.
- Plastisol grips for added comfort.





Product #	Overall Length (in) (L)	Weight (lbs)
J252G	7-3/4	0.56

6 PIECE MINIATURE PLIERS SET

Product #: J2806SMP

- Slip-resistant Electro-Static Discharge (ESD) cushioned grips provide comfort and ease of use.
- Pliers are hot-drop forged with a high polish finish for strength and cleaning ease.
- Hardened and tempered jaws for strength and durability.
- Dual leaf spring design helps increase durability while allowing the jaws to be maintained in the open position for quick use.
- Full flush and semi-flush cutting edges are honed and electronically induction hardened for long life wire cutting.



Contents	Description
1	Mini diagonal cutter, tapered head, semi-flush
1	Mini diagonal cutter, oval head, flush
1	Mini slim needle-nose, not serrated jaw
1	Mini needle-nose, serrated jaw
1	Mini transverse end cutter, flush
1	Mini angled cutter, flush

Weight (lbs): 1.30

4 PIECE MINIATURE PLIERS SET

Product #: J2804SMP

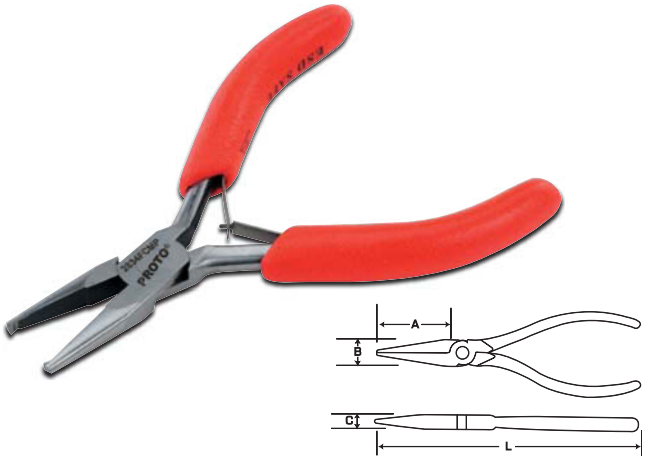


Contents	Description
1	Mini diagonal cutter, tapered head, semi-flush
1	Mini diagonal cutter, oval head, flush
1	Mini curved long nose, serrated jaw
1	Mini long nose with cutter

Weight (lbs): 0.90

MINIATURE PLIERS

- For use in limited access or confined areas.
- Pliers are hot-drop forged with a high polish finish for strength and cleaning ease.
- Hardened and tempered jaws for strength and durability.
- Dual leaf spring design helps increase durability while allowing the jaws to be maintained in the open position for quick use.
- Slip-resistant Electro-Static Discharge (ESD) cushioned grips provide comfort and ease of use.
- Full flush and semi-flush cutting edges are honed and electronically induction hardened for long life wire cutting.
- Cushion grip handles on electrical service pliers meet or exceed the electrostatic discharge (ESD) static decay specifications for MIL-PRF-81705D and ESD S.541 (formerly EIA-541).



Product #	Style	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Jaw Thickness (in) (C)
J2834FCMP	Traverse Cutter Pliers	4-1/2	15/16	7/16	1-7/8
J2836SCMP	End Cutting Nippers	4	1/4	7/16	3/4
J2838FCMP	Angle Cutter Pliers	4-1/2	3/8	7/16	1
J2856RNMP	Solid Joint Pliers	4-1/2	1-1/8	7/16	1-7/8

B107.25M & B107.38M

THE QUALITY GOES INTO PROTO® LOCKING PLIERS

Designed by engineers who look at each problem with fresh eyes, no matter how simple, each Proto® tool brings quality, durability and accuracy to the job site.



Locking mechanism helps leave both hands free when clamping, helping to eliminate squeezing action and general hand fatigue when manipulating.

High corrosion-resistant finish with welding spatter resistance.

Large diameter rivets to provide secure joints adding to the durability and robustness of the tools.

Tip of release lever projects at end of handle for a quick, no-pinch, powerful release especially when tools are firmly locked.

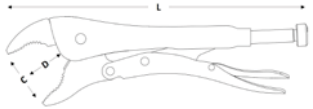
Spring-loaded release lever is out of the way when handling.

Holes in mobile jaw are drilled, not press punched to ensure cylindrical shape and maximum bearing with rivets.

Drop forged jaws and rugged tooth profile for durability and toughness.

CURVED JAW LOCKING PLIERS

- Narrow large opening curved shaped jaws.
- Allows firm hold on all round shapes.
- Universal tool for multi-use.

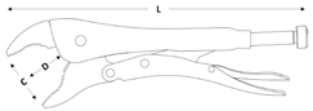




Product #	Overall Length (in) (L)	Jaw Capacity (in) (C)	Throat Depth (in) (D)	Weight (lbs)
J292XL	9-24/64	2-28/64	1-39/64	1.41

CURVED JAW LOCKING PLIERS WITH CUTTER

- Wide jaw profile with wire cutter.
- Two tools in one.
- Universal tool for multi-use.

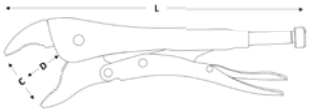




Product #	Overall Length (in) (L)	Jaw Capacity (in) (C)	Throat Depth (in) (D)	Weight (lbs)
J293WRXL	5-40/64	1-1/4	7/8	0.39

STRAIGHT JAW LOCKING PLIERS

- Heavy-duty nose.
- Reinforced, precisely machined teeth.
- Strong, tough tool.
- Helps provide secure grip for extra tough jobs.
- General purpose for various maintenance situations.
- Locking nut to hold adjustment during repetitive jobs.

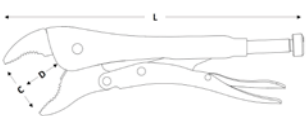




Product #	Overall Length (in) (L)	Jaw Capacity (in) (C)	Throat Depth (in) (D)	Weight (lbs)
J293XL	9-24/64	2-31/64	1-42/64	1.45
J291NC	7-1/2	1-42/64	1-2/7	0.89

LONG NOSE LOCKING PLIERS

- Long slim jaw design.
- Curved section.
- Pliers can reach deep into recessed areas.
- Can hold rounded objects.
- Great for holding, placing and extracting pieces in awkward areas, engines, etc.





Product #	Overall Length (in) (L)	Jaw Capacity (in) (C)	Throat Depth (in) (D)	Weight (lbs)
J286LNXL	6-59/64	1-61/64	2	0.42

SAFETY WIRE TWISTER PLIERS

- Safety wire is often used in aviation and other applications where vibration may cause fasteners to back out.
- Heat-treated cutting edges for cutting tough stainless steel safety wire.
- Flat top diamond serrations on jaws hold wire securely and resist nicking.
- Diagonal nose allows access in tight work areas.

Product #	Wire Size (in)	Twist Direction	Overall Length (in)	Weight (lbs)
J190A	0.020 - 0.041	Right	8-3/8	0.59
J191A	0.020 - 0.060	Right	10-3/8	0.85
J192A	0.020 - 0.060	Right	18-1/8	0.85
J195A	0.020 - 0.060	Left	10-3/8	0.85

ASME B107.500

SAFETY WIRE TWISTER REVERSIBLE & AUTOMATIC PLIERS

- Reversible safety wire pliers provide right and left twist capability often eliminating the need for a second pliers.
- Automatic spring return feature speeds operation and reduces fatigue.
- Meet SAE Aerospace Standard AS 567 Twister Requirements.
- Provides all of the features of standard Proto® Safety Wire Pliers.

Product #	Wire Size (in)	Overall Length (in) (L)	Weight (lbs)
J196A	0.020 - 0.041	8-3/4	0.64
J197A	0.020 - 0.060	11	0.88

STAINLESS STEEL ELECTRICIAN'S SCISSORS

- Built with a complete internal stainless steel construction.
- Blade consists of micro anti-slip teeth to help with the high leverage ratio.
- Built-in wire stripper for AWG 12, 14 & 16.
- Bi-material ergonomic handles with a hole for tethering.
- Includes a holder with a belt clip.

Product #	Blade Length (in)	Overall Length (in)	Weight (lbs)
J318SS	2-3/64	6-7/64	0.33



WIRE STRIPPER - CUTTER

- Strips 10-30 AWG - American Wire Gauge.
- Wire cutter.
- Pliers nose for pulling and looping wire.
- Spring return and convenient handle lock.
- Plastisol grips for added comfort.

Product #	Overall Length (in)	Wire Sizes	Weight (lbs)
J297A	6-1/16	10, 12, 14, 16, 18, and 20 AWG	0.21

CABLE CUTTER

- Cuts up to 3/0 fine strand copper battery cable (not for use on steel cable).
- Precision-ground blades minimize deflection.
- Plastisol grips for added comfort.

Product #	Overall Length (in)	Weight (lbs)
J288A	7-1/2	0.56

WIRE STRIPPER - PLIERS, CRIMPER & CUTTER

- Strips 10-22 AWG - American Wire Gauge.
- Crimps insulated and non-insulated terminals for 10-22 AWG wire.
- Crimps non-insulated 7 mm and 8 mm auto ignition wire.
- Cuts screw/bolt sizes 4-40, 5-40, 6-32, 8-32, 10-32, 10-24 and copper wire.
- Extended length curved cutter to handle heavier wire with less force.
- Pliers nose designed to grip, bend, and pull wire.
- Plastisol grips for added comfort.

Product #	Overall Length (in)	Weight (lbs)
J298A	8-1/4	0.5

WIRE STRIPPER - CRIMPER & CUTTER

- Strips 10-22 AWG - American Wire Gauge.
- Box style crimp.
- Crimps insulated and non-insulated terminals for 10-22 AWG.
- Crimps non-insulated 7 mm and 8 mm auto ignition wire.
- Cuts screw/bolt sizes 4-40, 5-40, 6-32, 8-32, 10-32, 10-24.
- Anvil type wire cutter for cutting copper wire.
- Air-pocket cushion grips for comfort.

Product #	Overall Length (in)	Weight (lbs)
J299A	8-1/2	0.45

ADJUSTABLE OIL FILTER PLIERS

- Heavy-duty forged jaws with three contact points to grip stubborn oil filters.
- Textured grips for non-slip operation.



Product #	Opening Range (in)	Diameter Minimum (in)	Diameter Maximum (in)	Diameter Minimum (mm)	Diameter Maximum (mm)	Height (in)	Overall Length (in)	Weight (lbs)
JFF287	3-3/4 to 7	3-3/4	7	94	178	1	19	3.28

LOCK RING "HORSESHOE" WASHER PLIERS

- For spreading both soft iron "horseshoe" lock washers used on brakes and tempered steel lock rings used on gear and bearing shafts.
- Plastisol grips for added comfort.



Product #	Overall Length (in)	Weight (lbs)
J250G	9	0.49

LOCK RING PLIERS - PARALLEL JAW

- For removal of lock snap rings used on bearing shafts.
- Compound leverage simplifies removal.
- Jaw tips are indented to hold ring ends and prevent breakage.
- Jaws spread 1-1/4".
- Plastisol grips for added comfort.



Product #	Overall Length (in)	Weight (lbs)
J251G	10-9/16	0.68

12 PIECE CONVERTIBLE RETAINING RING PLIERS SET

Product #: J360BA

- V-Notch Design easily converts between internal & external configurations without separating the handles.
- Heat treated steel for durability & strength.
- Cushioned grip handles for comfort

Contents	Tip Size	Tip Angle
J399A	0.038	0°
J370A	0.038	45°
J371A	0.038	90°
J372A	0.047	0°
J373A	0.047	45°
J374A	0.047	90°
J385A	0.070	0°
J375A	0.070	45°
J376A	0.070	90°
J377A	0.090	0°
J378A	0.090	45°
J379A	0.090	90°

Weight (lbs): 4.82



9 PIECE CONVERTIBLE RETAINING RING PLIERS SET

Product #: J360DA

- V-Notch Design easily converts between internal & external configurations without separating the handles.
- Heat treated steel for durability & strength.
- Cushioned grip handles for comfort.

Contents	Tip Size	Tip Angle
J399A	0.038	0°
J370A	0.038	45°
J371A	0.038	90°
J372A	0.047	0°
J373A	0.047	45°
J374A	0.047	90°
J385A	0.070	0°
J375A	0.070	45°
J376A	0.070	90°

Weight (lbs): 3.15



6 PIECE CONVERTIBLE RETAINING RING PLIERS SET

Product #: J360AA

- V-Notch Design easily converts between internal & external configurations without separating the handles.
- Heat treated steel for durability & strength.
- Cushioned grip handles for comfort.

Contents	Tip Size	Tip Angle
J399A	0.038	0°
J371A	0.038	90°
J372A	0.047	0°
J374A	0.047	90°
J385A	0.070	0°
J376A	0.070	90°

Weight (lbs): 2.10



RETAINING RING PLIERS - CONVERTIBLE

- V-Notch Design easily converts between internal & external configurations without separating the handles.
- Heat treated steel for durability & strength.
- Cushioned grip handles for comfort.



Product #	Tip Size	Tip Angle	Overall Length (in)	Shaft Dia. (in) (External)	Bore Dia. (in) (Internal)	Weight (lbs)
J399A	0.038	0°	5-7/8	1/4 - 43/64	3/8 - 9/16	0.15
J370A	0.038	45°	5-3/4	1/4 - 3/64	3/8 - 9/16	0.16
J371A	0.038	90°	5-11/16	1/2 - 25/32	3/8 - 9/16	0.16
J372A	0.047	0°	5-7/8	11/16 - 7/8	5/8 - 1	0.16
J373A	0.047	45°	5-3/4	11/16 - 7/8	5/8 - 1	0.15
J374A	0.047	90°	5-11/16	13/16 - 1	5/8 - 1	0.16
J385A	0.070	0°	7-1/2	15/16 - 1-7/16	1-1/16 - 1-3/4	0.29
J375A	0.070	45°	7-3/8	1 - 1-7/16	1-1/16 - 1-3/4	0.32
J376A	0.070	90°	7-1/8	1 - 1/16, 2	1-7/16 - 2	0.31
J377A	0.090	0°	9-1/4	1-1/2 - 3-1/2	1-13/16 - 3	0.54
J378A	0.090	45°	9	1-1/2 - 3-1/2	1-13/16 - 3	0.55
J379A	0.090	90°	8-5/8	1-1/2 - 1-3/4	1-13/16 - 3	0.56

ASME B107.19

18 PIECE RETAINING RING PLIERS SET WITH REPLACEABLE TIPS

Product #: J361A

- Includes one internal and one external pliers.
- Convenient blow-molded carrying case includes storage for spare rings.
- Custom grip handles for added comfort.
- Contains 16 interchangeable tips listed below. (Replacements available).
- Covers ring range:
- External 1-1/2" - 3-3/4"
- Internal 2-7/16" - 4"
- Spring loaded ratchet mechanism minimizes operator fatigue by allowing ring to be compressed or expanded through gradual moves and locks at desired size. Heavy and large rings are safely and easily controlled.
- Pliers overall length 9-1/2".

Tip Size	Tip Angle
0.108	0°
0.108	15°
0.108	45°
0.108	90°
0.120	0°
0.120	15°
0.120	45°
0.120	90°

Weight (lbs): 2.50

0.108 REPLACEMENT TIPS FOR J361A

Product #: J362A

- 8 Tips.
- 2 each of 0.108 Tips in 0°, 15°, 45°, 90°.
- Weight (lbs): 0.22



0.120 REPLACEMENT TIPS FOR J361A

Product #: J363A

- 8 Tips.
- 2 each of 0.120 Tips in 0°, 15°, 45°, 90°.
- Weight (lbs): 0.23



18 PIECE SMALL PLIERS SET WITH REPLACEABLE TIPS

Product #: J380A

- Includes one internal and one external pliers.
- Covers ring range: External 1/4"-2", Internal 3/8"-2".
- Contains 16 interchangeable tips (4 of each listed below) (Replacements available).
- Pliers overall length 6-1/4".

Tip Size	Tip Angle
0.038	90°
0.047	45°
0.047	0°
0.070	0°

Weight (lbs): 0.64

REPLACEMENT TIPS FOR J380A

Product #: J380TA

- 16 Tips.
- 4 each of: 0.038 90°, 0.047 45°, 0.047 0°, 0.070 0°.
- Plastic storage case.
- Weight (lbs): 0.05

LARGE RETAINING RING PLIERS - INTERNAL | EXTERNAL

- Spring ratchet locking mechanism holds against snap ring tension.
- Thumb release allows for smooth and controlled tension release.
- Cushioned grip handles for comfort
- Includes Tip Size: 0° - .120".



J364A



J365A

Product #	Tip Size	Tip Angle	Overall Length (in)	Shaft Dia. (in) (External)	Bore Dia. (in) (Internal)	Weight (lbs)
J364A	0.120	0°	16-1/2	–	3-1/16 - 6-1/4	1.95
J365A	0.120	0°	16-1/2	3-1/2 - 6-1/2	–	1.98

ASME B107.19

REPLACEMENT TIPS FOR J364A & J365A



J364-T0A

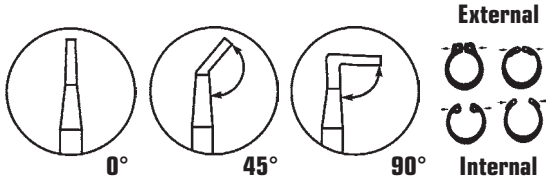


J364-T45A



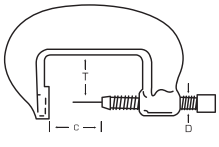
J364-T90A

Product #	Tip Angle	Weight (lbs)
J364-T0A	0°	0.12
J364-T45A	45°	0.12
J364-T90A	90°	0.12



C-CLAMPS - STANDARD SERVICE DEEP THROAT FULL LENGTH SCREW

- Standard service, deep throat style is the most versatile and popular.
- Hot forged for strength and durability.
- Forcing screw with sliding T-handle and impact resistant pad.





Product #	Opening Range (in) (C)	Throat Depth (in) (T)	Thread Diameter (in) (D)	Minimum Test Load (lbs)	Weight (lbs)
J402A	0-2	2	1/2	3,500	1.30
J403A	0-3	2-3/8	1/2	3,500	2.00
J404A	0-4	2-3/4	3/4	6,500	3.50
J406A	0-6	3-5/8	3/4	6,600	5.00
J408A	0-8	4-1/2	3/4	6,900	7.00
J410A	0-10	5-3/8	3/4	8,000	10.50
J412A	0-12	5-3/4	7/8	9,500	15.50



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HAMMERS & CHISELS

S2 STEEL

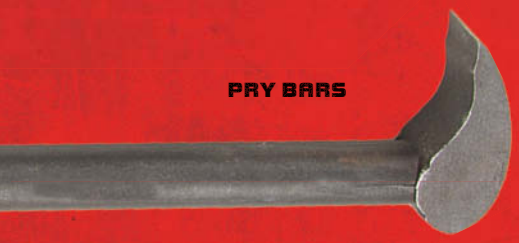
Specifically designed for tools that take a repetitive pounding, S2 steel is a shock-resistant steel alloy that remains flexible even in a hardened condition in both low and high temperatures.

Chisels and punches made from S2 steel maintain their edges and resist bending or twisting from high impact use when compared to tools made from lower grade steels.

CHISELS

PIN & DRIFT PUNCHES

PUNCHES



PRY BARS



PICKS



SCRAPERS

ANTI-VIBE®
BALL PEIN HAMMERS



DEAD BLOW COMPO-CAST®
HAMMERS

24 OZ. DEAD BLOW BRASS
FACE BALL PEIN HAMMER

SLEDGE HAMMERS -
DOUBLE FACED

DEAD BLOW
HAMMERS

SOFT FACE
HAMMERS







DEAD BLOW COMPO-CAST® HAMMERS

- Durable urethane material encases steel canister and handle eliminating sparking and absorption of liquids.
- Top welded handle-to-head assembly adds extra durability and safety.
- Dead blow function eliminates bounceback when striking hardened surfaces.
- No exposed metal on face, head or shaft for non-sparking.
- Steel reinforced handle provides strength and resists breaking on overstrike.
- Soft Face helps prevent marring.
- Self -standing feature for easy retrieval.
- *Orange Color for high visibility.



Product #	Head Weight (oz)	Face Dia. (in) (D)	Head Length (in) (H)	Overall Length (in) (L)	Weight (lbs)
J57-530A	15	1-5/16	3-1/4	10-3/16	0.87
J57-531A	21	1-5/8	3-13/16	11-3/8	1.46
J57-532A	28	1-7/8	4-3/16	12-7/8	2.03
J57-533A	48	2-5/16	4-13/16	14-3/8	3.09
J57-534A	56	2-3/4	5-1/2	15-3/8	4.17

ASME B107.54

DEAD BLOW COMPO-CAST® HAMMER WITH BRASS FACE

- Hi-Viz, chemical resistant urethane material encases steel canister and handle eliminating sparking and absorption of liquids.
- Top welded handle-to-head assembly adds extra durability and safety.
- Dead blow function eliminates bounceback when striking hardened surfaces.
- Steel reinforced handle provides strength and resists breaking on overstrike.
- Mar-Resistant, Dual Brass Face.

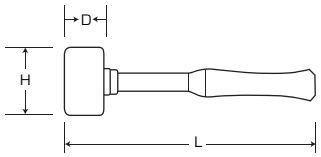


Product #	Tip Finish	Head Weight (oz)	Face Dia. (in) (D)	Head Length (in) (H)	Overall Length (in) (L)	Weight (lbs)
J24DFBA	Brass	24	1-1/2	4-5/16	12-5/8	2.51

SOFT FACE HAMMER - MEDIUM/TOUGH TIPS

- Steel head for durability and strength.
- Head features two non-replaceable mar resistant plastic tips: Medium and Tough.
- *Classic wood handle design.



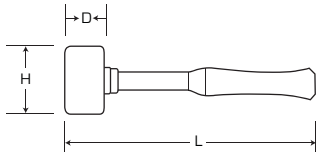


Product #	Face Dia. (in) (D)	Head Length (in) (H)	Overall Length (in) (L)	Weight (lbs)
J1360A	1-5/16	3-5/8	11-13/16	0.7
JSF105HMA	1	3-1/8	11-1/16	0.5
JSF160HMA	1-5/8	4-3/16	12-5/8	1.0
JSF205HMA	2	4-13/16	13-13/16	2.0
JSF250HMA	2-1/2	5-1/2	14-3/16	3.5

ASME B107.54

SOFT FACE ALUMINUM HAMMER

- Aluminum head for lighter weight while providing durability.
- Head features two non-replaceable mar resistant plastic tips: Medium and Tough.
- Classic wood handle design.





Product #	Face Dia. (in) (D)	Head Length (in) (H)	Overall Length (in) (L)	Weight (lbs)
JSF200HMA	2	4-13/16	13-13/16	1.0

ASME B107.54



4 PIECE ANTI-VIBE® BALL PEIN HAMMER SET

Product #: J1304AVPS

Contents	Description	Head Weight (oz)	Weight (lbs)
J1308AVP	Hammer, Ball Pein, Anti-Vibe® 8	8	1.20
J1312AVP	Hammer, Ball Pein, Anti-Vibe® 12	12	1.50
J1316AVP	Hammer, Ball Pein, Anti-Vibe® 16	16	1.95
J1324AVP	Hammer, Ball Pein, Anti-Vibe® 24	24	2.50

Weight (lbs): 7.60



3 PIECE ANTI-VIBE® BALL PEIN HAMMER SET

Product #: J1303AVPS

Contents	Description	Head Weight (oz)	Weight (lbs)
J1332AVP	Hammer, Ball Pein, Anti-Vibe® 32	32	3.25
J1340AVP	Hammer, Ball Pein, Anti-Vibe® 40	40	4.25
J1348AVP	Hammer, Ball Pein, Anti-Vibe® 48	48	5.10

Weight (lbs): 13.10



ANTI-VIBE® BALL PEIN HAMMERS

- Patented Anti-Vibe® technology delivers greater vibration dampening effect than traditional one-piece steel hammer.
- Molded, textured rubber grip provides a slip-resistant grip and increased control.
- Rim tempered striking surface adds extra durability and safety.



Product #	Head Weight (oz)	Head Length (in) (H)	Overall Length (in) (L)	Weight (lbs)
J1304AVP	4	2-15/32	10	0.90
J1308AVP	8	3-1/8	11	1.20
J1312AVP	12	3-31/64	12-1/8	1.50
J1316AVP	16	3-59/64	12-7/8	1.95
J1324AVP	24	4-21/64	13-25/32	2.50
J1332AVP	32	4-39/64	14-3/4	3.25
J1340AVP	40	5-25/64	15-15/64	4.25
J1348AVP	48	5-47/64	15-3/4	5.10

BALL PEIN HAMMERS - INDUSTRIAL WOOD HANDLE

- Tough drop-forged head with Rim-Tempered™ hardened face and pein.
- Face, chamfer, cheeks and pein are polished and have a protective coating of clear lacquer.
- Hardwood handles have contoured shape with red lacquer grip.



Product #	Head Weight (oz)	Overall Length (in) (L)	Weight (lbs)
J1304PD	4	11	0.45
J1308PD	8	12	0.83
J1316PD	16	14-1/2	1.45
J1332PD	32	15-7/8	2.42

ASME B107.53M

BALL PEIN HAMMERS - INDUSTRIAL FIBERGLASS HANDLE

- Well-balanced professional hammer with hardened drop-forged head bonded to strong, lightweight fiberglass handle. Exclusive Rim-Tempered™ process minimizes chipping from off-center strikes.
- Molded jacket over the fiberglass handle provides maximum overstrike protection.

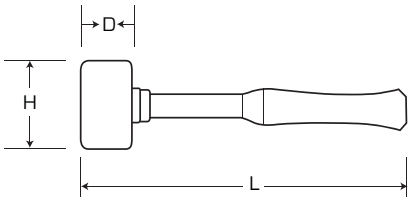


Product #	Head Weight (oz)	Overall Length (in) (L)	Weight (lbs)
J1312PGD	12	13	1.31
J1316PGD	16	13	1.54
J1324PGD	24	14-3/16	2.18
J1332PGD	32	15-1/4	2.62

ASME B107.53M

DEAD BLOW HAMMERS

- Steel head designed for strength features nylon tips to help prevent marring.
- Head contains steel shot to prevent rebound & vibration.
- Ergonomic Fiberglass Handle for comfort grip.





Product #	Head Weight (lbs)	Face Dia. (in) (D)	Head Length (in) (H)	Overall Length (in) (L)	Weight (lbs)
J1429DBA	1	1-7/16	4-3/8	11-7/8	1.5
J1430DBA	1.5	1-5/8	4-7/16	12	2
J1432DBA	2.2	2	4-11/16	12-1/2	2.5
J1431DBA	3.5	2-7/16	5-11/16	12-7/8	3.8

ASME B107.54

SLEDGE HAMMERS - DOUBLE FACED

- Designed for striking metal, concrete, and stone.
- Strong fiberglass handle with slip-resistant cushion grip.



Product #	Head Weight (lbs)	Face Dia. (in) (D)	Head Length (in) (H)	Overall Length (in) (L)	Weight (lbs)
J1433G	2.5	1-11/16	3	15-11/16	3.28
J1434G	3	1-7/8	4-1/2	15-7/8	3.94
J1435G	4	2	5	16	4.84
J1437G	8	2-3/8	6-1/2	34-3/8	10.14
J1438G	10	2-1/2	7-1/2	34-1/2	12.36

ASME B107.54M



GUIDE TO CHISELS AND PUNCHES



COLD CHISEL

Precision cutting tool for metals and other material. The chisel is tempered on the cutting edge for extra hardness and long life, but softer on the striking end to handle blows better. The striking end is also tapered to resist mushrooming, and the barrel is hexagonal so it won't roll away when set down.



SUPER DUTY COLD CHISEL

Larger and stronger than the standard cold chisel. The blades are wider, the striking end is reinforced to handle greater blows, and the barrel is thicker. The barrel is also knurled for a better grip by finger or tool.



CAPE CHISEL

Cuts paths into metal, especially deep grooves and square-bottomed channels. The cutting edge is wider than the body of the blade so the chisel won't bind as the cut gets deeper. They have the ability to concentrate a lot of cutting force into a very small area, and it is more precise than a cold chisel.



DIAMOND POINT CHISEL

Cutting edge ground to a fine point. Cold Chisels are ground on both sides for an even edge, but Diamond Points are ground on one side to cut a point, not an edge. They are better at grooving and cleaning than cutting.

BRASS DRIFT PUNCHES



GENTLE AND SPARK-RESISTANT

Brass is a softer metal, so brass punches are preferred if the part will shatter if struck with steel, or when marring or scratching is an issue.



PUNCHES THAT DENT

These punches create an impression in order to center a drill or to mark out patterns from design sheet or a prior piece to blank metal. They can also be used to break small objects free.

CENTER PUNCHES create a broad dent.

STARTING PUNCHES have no points.

PRICK PUNCHES create a fine dot.



PUNCHES THAT TAP

Slender straight shanks and a flat tip allow these punches to drive pins in or out. A Starting Punch will break the pin free, then the Drive Pin Punch removes the pin from the hole. Always use a Roll Pin Punch to remove roll pins and prevent deformation.

ROLL PIN PUNCHES have a bead at the tip.

DRIVE PIN PUNCHES have a flat tip.

SUPER-DUTY LONG DRIVE PIN PUNCHES are used on larger pins that require more force.



PUNCHES THAT ALIGN

Imagine two metal sheets with drill holes that don't align correctly. Drift Punches thread through the holes to correct their drift. Don't use Drift Punches like a real punch; they are not designed for impact.

DRIFT PUNCHES have long slender tapers.

LONG ALIGNING PUNCHES are extra long and heavy.

PUNCH & CHISEL COMBINATION SETS

- Made from S2 steel and specially heat-treated for greater strength and durability.
- Modified parabolic striking end to help reduce mushrooming and chipping.
- Black oxide finish to help prevent rust corrosion; extending tool life and performance.
- A polished identification panel on one of the flats is marked with the tool number and size in a black inlay.
- Set offers a wide range of sizes to handle a variety of jobs.
- Includes a pouch for convenient storage solution.

J3S2



J2S2



J46S2



Contents	Description	J46S2 26 Piece	J2S2 12 Piece	J3S2 5 Piece	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J725/16S2	Chisel, Cape 7/32"		•		5/16	5/16	5-1/8
J765/16S2	Chisel, Diamond Point 3/16"		•		3/16	5/16	5
J86A3/16S2	Chisel, Cold 1/4"	•			1/4	3/16	4-7/8
J86A5/16S2	Chisel, Cold 3/8"	•			3/8	5/16	5-3/8
J86A1/4S2	Chisel, Cold 5/16"	•	•		5/16	1/4	5-1/8
J86A3/8S2	Chisel, Cold 7/16"		•		7/16	3/8	5-9/16
J86A7/16S2	Chisel, Cold 1/2"	•	•		1/2	7/16	6
J86A1/2S2	Chisel, Cold 5/8"	•		•	5/8	1/2	6-3/4
J86A5/8S2	Chisel, Cold 3/4"	•			3/4	5/8	6-7/8
J86A3/4X8S2	Chisel, Cold 7/8"	•			7/8	3/4	8
J86A7/8X8S2	Chisel, Cold 1"	•			1	7/8	8
J86A1X8S2	Chisel, Cold 1-3/16"	•			1-3/16	1	8-1/4
J413/8S2	Punch, Center 3/8"	•	•	•	-	3/8	4-7/8
J411/2S2	Punch, Center 1/2"	•			-	1/2	5-5/8
J445/16S2	Punch, Prick 5/16"	•			-	5/16	5
J471/4X3/32	Punch, Pin 3/32"	•	•		3/32	1/4	4-3/4
J475/16X1/8	Punch, Pin 1/8"	•	•	•	1/8	5/16	5-3/16
J475/16X5/32	Punch, Pin 5/32"	•			5/32	5/16	5-9/16
J473/8X3/16	Punch, Pin 3/16"	•	•	•	3/16	3/8	5-7/8
J477/16X7/32	Punch, Pin 7/32"	•			7/32	3/8	6-3/8
J471/2X1/4	Punch, Pin 1/4"	•			1/4	3/8	6-3/4
J503/16S2	Punch, Starting 1/16"		•		1/16	1/4	4-1/8
J501/4S2	Punch, Starting 3/32"	•			3/32	1/4	5
J505/16S2	Punch, Starting 1/8"	•	•	•	1/8	5/16	5-1/8
J503/8S2	Punch, Starting 3/16"	•	•		3/16	3/8	5-5/8
J507/16S2	Punch, Starting 7/32"	•			7/32	7/16	6
J501/2S2	Punch, Starting 1/4"	•			1/4	1/2	6-1/2
J965/16S2	Punch, Drift 1/8"	•			1/8	5/16	10
J963/8S2	Punch, Drift 3/16"	•			3/16	3/8	10
J961/2S2	Punch, Drift 1/4"	•			1/4	1/2	10
J25TR15C	Tool Roll, 5 Pockets			•			
J25TR02C	Tool Roll, 12 Pockets		•				
J25TR21C	Tool Roll, 26 Pockets	•					
Weight (lbs):		8.91	1.80	1.04			

7 PIECE COLD CHISEL SET

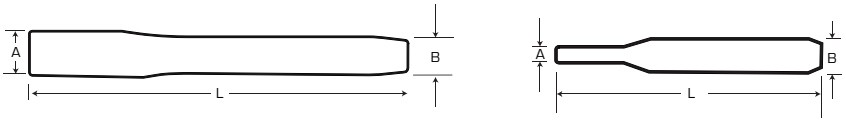
Product #: J86BS2

- Made from S2 steel and specially heat-treated for greater strength and durability.
- Modified parabolic striking end to help reduce mushrooming and chipping.
- Hand-ground cutting edge to the exact angle for cutting through tough metals.
- Black oxide finish to help prevent rust corrosion; extending tool life and performance.
- A polished identification panel on one of the flats is marked with the tool number and size in a black inlay.
- Set offers a wide range of sizes to handle a variety of jobs.
- Includes a pouch for convenient storage solution.



Contents	Description	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J86A1/4S2	Chisel, Cold 5/16"	5/16	1/4	5-1/8
J86A5/16S2	Chisel, Cold 3/8"	3/8	5/16	5-3/8
J86A3/8S2	Chisel, Cold 7/16"	7/16	3/8	5-9/16
J86A7/16S2	Chisel, Cold 1/2"	1/2	7/16	6
J86A1/2S2	Chisel, Cold 5/8"	5/8	1/2	6-3/4
J86A5/8S2	Chisel, Cold 3/4"	3/4	5/8	6-7/8
J86A3/4X8S2	Chisel, Cold 7/8"	7/8	3/4	8
J25TR23C	Tool Roll, 7 Pockets			

Weight (lbs): 2.75



5 PIECE COLD CHISEL SET

Product #: J86CS2

- Made from S2 steel and specially heat-treated for greater strength and durability.
- Modified parabolic striking end to help reduce mushrooming and chipping.
- Hand-ground cutting edge to the exact angle for cutting through tough metals.
- Black oxide finish to help prevent rust corrosion; extending tool life and performance.
- A polished identification panel on one of the flats is marked with the tool number and size in a black inlay.
- Set offers a wide range of sizes to handle a variety of jobs.
- Includes a pouch for convenient storage solution.



Contents	Description	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J86A1/4S2	Chisel, Cold 5/16"	5/16	1/4	5-1/8
J86A5/16S2	Chisel, Cold 3/8"	3/8	5/16	5-3/8
J86A3/8S2	Chisel, Cold 7/16"	7/16	3/8	5-9/16
J86A7/16S2	Chisel, Cold 1/2"	1/2	7/16	6
J86A1/2S2	Chisel, Cold 5/8"	5/8	1/2	6-3/4
J25TR15C	Tool Roll, 5 Pockets			

Weight (lbs): 1.17

COLD CHISELS

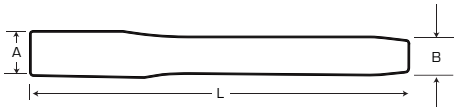
- Made from S2 steel and specially heat-treated for greater strength and durability.
- Hand ground cutting edge to the exact angle for cutting through tough metals.
- Modified parabolic striking end to help reduce mushrooming and chipping.
- Black oxide finish to help prevent rust corrosion; extending tool life and performance.
- A polished identification panel on one of the flats is marked with the tool number and size in a black inlay.



Product #	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J86A3/16S2	1/4	3/16	4-7/8	0.04
J86A1/4S2	5/16	1/4	5-1/8	0.07
J86A5/16S2	3/8	5/16	5-3/8	0.12
J86A3/8S2	7/16	3/8	5-9/16	0.17
J86A7/16S2	1/2	7/16	6	0.25
J86A7/16X12S2	1/2	7/16	12	0.51
J86A1/2S2	5/8	1/2	6-3/4	0.37
J86A5/8S2	3/4	5/8	6-7/8	0.54
J86A5/8X12S2	3/4	5/8	12	1.03
J86A3/4X8S2	7/8	3/4	8	0.89
J86A7/8X8S2	1	7/8	8	1.13
J86A1X8S2	1-3/16	1	8-1/4	1.56
J86A3/4X12S2	7/8	3/4	12	1.40
J86A7/16S2	1/2	7/16	6	0.25
J86A7/8X12	1	3/4	12	1.54*
J86A3/4X8	7/8	3/4	8	0.89
J86A5/8X12	3/4	5/8	12	12.03
J86A7/8X12S2	1	3/4	12	1.54
J86A7/8X8	1	7/8	8	1.14

ASME B107.47M

* Non S2 Steel



5 PIECE SUPER-DUTY CHISELS SET

Product #: J86000



- Made from S2 steel and specially heat-treated for greater strength and durability.
- 20% Larger striking surface than standard chisels directs the power to the cutting edge.
- Longer shank features a knurl for better grip and easy positioning.
- Hand ground cutting edge to the exact angle for cutting through tough metals.
- Black oxide finish to help prevent rust corrosion; extending tool life and performance.
- A polished identification panel on one of the flats is marked wit the tool number and size in black inlay.
- Set offers a wide range of sizes to handle a variety of jobs.
- Includes a pouch for convenient storage solution.

Contents	Description	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J86038	Chisel, Cold Super Duty 3/8"	3/8	5/16	6
J86012	Chisel, Cold Super Duty 1/2"	1/2	7/16	6-13/16
J86058	Chisel, Cold Super Duty 5/8"	5/8	1/2	7-5/8
J86034	Chisel, Cold Super Duty 3/4"	3/4	5/8	8-7/16
J86078	Chisel, Cold Super Duty 7/8"	7/8	3/4	9-1/4
J25TR06C	Tool Roll, 5 Pocket			

Weight (lbs): 2.84

SUPER-DUTY COLD CHISELS

- 20% larger striking surface than standard chisels directs the power to the cutting edge.
- Longer shank features a knurl for better grip and easy positioning.
- Black oxide finish to help prevent rust corrosion; extending tool life and performance.

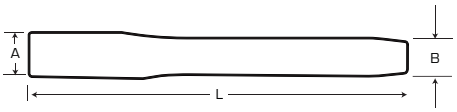


Product #	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J86038	3/8	5/16	6	0.13
J86012	1/2	7/16	6-13/16	0.26
J86058	5/8	1/2	7-5/8	0.44
J86034	3/4	5/8	8-7/16	0.75
J86078	7/8	3/4	9-1/4	1.09
J86001	1	7/8	10-1/16	1.46

ASME B107.47M

CAPE CHISELS

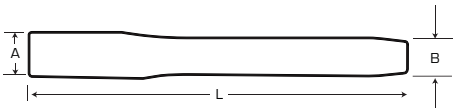
- Made from S2 steel and specially heat-treated for greater strength and durability.
- Hand ground cutting edge to the exact angle for cutting through tough metals.
- Modified parabolic striking end to help reduce mushrooming and chipping.
- Black oxide finish to help prevent rust corrosion; extending tool life and performance.
- A polished identification panel on one of the flats is marked with the tool number and size in a black inlay.



Product #	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J721/4S2	3/16	1/4	4-5/8	0.06
J25/16S2	5/16	5/16	5-1/8	0.10

ASME B107.47M





DIAMOND POINT CHISELS

- Hand ground cutting edge to the exact angle for cutting through tough metals.



Product #	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J765/16S2	3/16	5/16	5	0.10

ASME B107.47M



THE RIGHT STEEL FOR CHISELS AND PUNCHES

S2 STEEL

Specifically designed for tools that take a repetitive pounding, S2 steel is a shock-resistant steel alloy that remains flexible even in a hardened condition in both low and high temperatures. Not just any steel, this alloy has specific additions for a stronger tool:

- Vanadium adds increased hardness and wear resistance.
- Manganese reduces brittleness.
- A low carbon content provides toughness.
- Carbide-forming alloys give it abrasion resistance.

As a result, chisels and punches made from S2 steel maintain their edges and resist bending or twisting from high impact use when compared to tools made from lower grade steels.

5 PIECE LONG DRIVE PIN PUNCH SET

Product #: J48005LS2



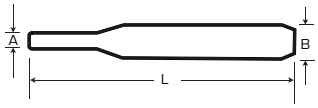
Contents	Description	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J48532LS2	Punch, Pin Super Duty Long 5/32"	5/32	3/8	8
J48316LS2	Punch, Pin Super Duty Long 3/16"	3/16	3/8	8
J48732LS2	Punch, Pin Super Duty Long 7/32"	7/32	7/16	8
J48014LS2	Punch, Pin Super Duty Long 1/4"	1/4	1/2	8
J48516LS2	Punch, Pin Super Duty Long 5/16"	5/16	1/2	8
J25TR30C	Tool Roll, 5 Pockets			

Weight (lbs): 0.90

ASME B107.48

SUPER-DUTY LONG DRIVE PIN PUNCHES

- Reverse taper to help prevent binding.



Product #	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J48532LS2	5/32	3/8	8	0.14
J48316LS2	3/16	3/8	8	0.15
J48732LS2	7/32	7/16	8	0.20
J48014LS2	1/4	1/2	8	0.30
J48516LS2	5/16	1/2	8	0.41

ASME B107.48



7 PIECE PIN PUNCH SET

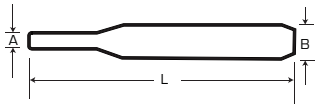
Product #: J47A



Contents	Description	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J471/4X1/16	Punch, Pin 1/16"	1/16	1/4	4-3/8
J471/4X3/32	Punch, Pin 3/32"	3/32	1/4	4-3/4
J475/16X1/8	Punch, Pin 1/8"	1/8	5/16	5-3/16
J475/16X5/32	Punch, Pin 5/32"	5/32	5/16	5-9/16
J473/8X3/16	Punch, Pin 3/16"	3/16	3/8	5-7/8
J477/16X7/32	Punch, Pin 7/32"	7/32	3/8	6-3/8
J471/2X1/4	Punch, Pin 1/4"	1/4	3/8	6-3/4
J25TR31C	Tool Roll, 7 Pockets			

Weight (lbs): 1.15

ASME B107.48



DRIVE PIN PUNCHES

- Two-piece design allows the tip to be hard for durability while allowing it to be produced straight to help prevent binding.
- Reverse taper to help prevent binding.



Product #	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J471/4X1/16	1/16	1/4	4-3/8	0.05
J471/4X3/32	3/32	1/4	4-3/4	0.06
J475/16X1/8	1/8	5/16	5-3/16	0.09
J475/16X5/32	5/32	5/16	5-9/16	0.01
J473/8X3/16	3/16	3/8	5-7/8	0.15
J477/16X7/32	7/32	3/8	6-3/8	0.22
J471/2X1/4	1/4	3/8	6-3/4	0.29

ASME B107.48

7 PIECE SUPER-DUTY PIN PUNCH SET

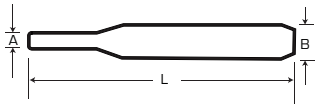
Product #: J48007

- Made from S2 steel and specially heat-treated for greater strength and durability.
- One-piece design for strength and durability.
- Reverse taper to help prevent binding.
- Modified parabolic striking end to help reduce mushrooming and chipping.
- Black oxide finish to help prevent rust corrosion; extending tool life and performance.
- A polished identification panel on one of the flats is marked with the tool number and size in a black inlay.
- Set offers a wide range of sizes to handle a variety of jobs.
- Includes a pouch for convenient storage solution.



Contents	Description	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J48116	Punch, Pin Super Duty 1/16"	1/16	1/4	4-1/8
J48332	Punch, Pin Super Duty 3/32"	3/32	1/4	4-1/2
J48018	Punch, Pin Super Duty 1/8"	1/8	5/16	4-3/4
J48532	Punch, Pin Super Duty 5/32"	5/32	5/16	5
J48316	Punch, Pin Super Duty 3/16"	3/16	3/8	5-1/4
J48732	Punch, Pin Super Duty 7/32"	7/32	7/16	5-1/2
J48014	Punch, Pin Super Duty 1/4"	1/4	7/16	5-3/4
J25TR31C	Tool Roll, 7 Pockets			

Weight (lbs): 0.90



SUPER-DUTY DRIVE PIN PUNCHES

- One-piece design for strength and durability.
- Reverse taper to help prevent binding.



Product #	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J48116	1/16	1/4	4-1/8	0.05
J48332	3/32	1/4	4-1/2	0.07
J48018	1/8	5/16	4-3/4	0.09
J48532	5/32	5/16	5	0.01
J48316	3/16	3/8	5-1/4	0.15
J48732	7/32	7/16	5-1/2	0.22
J48014	1/4	7/16	5-3/4	0.29
J48038	3/8	5/8	6-1/2	0.53

ASME B107.48

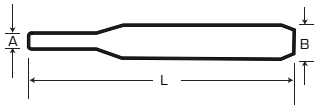
7 PIECE DRIFT PUNCH SET

Product #: J96AS2

Contents	Description	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J961/4S2	Punch, Drift 3/32"	3/32	1/4	10
J965/16S2	Punch, Drift 1/8"	1/8	5/16	10
J963/8S2	Punch, Drift 3/16"	3/16	3/8	10
J967/16S2	Punch, Drift 7/32"	7/32	7/16	10
J961/2S2	Punch, Drift 1/4"	1/4	1/2	10
J965/8S2	Punch, Drift 5/16"	5/16	5/8	10
J963/4S2	Punch, Drift 3/8"	3/8	3/4	10
J25TR29C	Tool Roll, 7 Pockets			

Weight (lbs): 3.46





5 PIECE DRIFT PUNCH SET

Product #: J96BS2

Contents	Description	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J965/16S2	Punch, Drift 1/8"	1/8	5/16	10
J963/8S2	Punch, Drift 3/16"	3/16	3/8	10
J961/2S2	Punch, Drift 1/4"	1/4	1/2	10
J965/8S2	Punch, Drift 5/16"	5/16	5/8	10
J967/16S2	Punch, Drift 7/32"	7/32	7/16	10
J25TR30C	Tool Roll, 5 Pockets			

Weight (lbs): 2.30



DRIFT PUNCHES

- Application: to align holes in two or more pieces of metal through which a bolt or screw is to be inserted.
- Application: for installing and removing pins and shafts.
- One-piece design for strength and durability.
- Reverse taper to help prevent binding.





Product #	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J961/4S2	3/32	1/4	10	0.12
J965/16S2	1/8	5/16	10	0.19
J963/8S2	3/16	3/8	10	0.28
J967/16S2	7/32	7/16	10	0.37
J961/2S2	1/4	1/2	10	0.49
J965/8S2	5/16	5/8	10	0.70
J963/4S2	3/8	3/4	10	1.02

ASME B107.48

7 PIECE ROLL PIN PUNCH SET

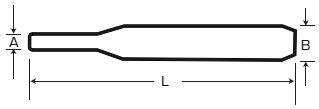
Product #: J49007S2



Contents	Description	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J49116S2	Punch, Roll Pin 1/16"	1/16	1/4	3-3/4
J49332S2	Punch, Roll Pin 3/32"	3/32	1/4	4-1/4
J49018S2	Punch, Roll Pin 1/8"	1/8	5/16	4-3/4
J49532S2	Punch, Roll Pin 5/32"	5/32	5/16	5-1/4
J49316S2	Punch, Roll Pin 3/16"	3/16	3/8	5-7/16
J49732S2	Punch, Roll Pin 7/32"	7/32	3/8	5-7/8
J49014S2	Punch, Roll Pin 1/4"	1/4	7/16	6-7/16
J25TR31C	Tool Roll, 7 Pockets			

Weight (lbs): 0.77

ASME B107.48



ROLL PIN PUNCHES

- One-piece design for strength and durability.
- Reverse taper to help prevent binding.



Product #	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J49116S2	1/16	1/4	3-3/4	0.04
J49332S2	3/32	1/4	4-1/4	0.08
J49018S2	1/8	5/16	4-3/4	0.08
J49532S2	5/32	5/16	5-1/4	0.08
J49316S2	3/16	3/8	5-7/16	0.10
J49732S2	7/32	3/8	5-7/8	0.16
J49014S2	1/4	7/16	6-7/16	0.16

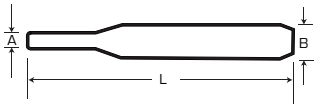
ASME B107.48

LONG ALIGNING PUNCH

- Application: to align holes in two or more pieces of metal through which a bolt or screw is to be inserted.
- One-piece design for strength and durability.
- Reverse taper to help prevent binding.



Product #	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J155/8S2	3/16	5/8	16	0.90



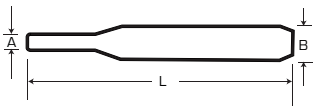
ASME B107.48

STARTING PUNCHES

- Similar to drift punches, but with wider points and heavier, shorter body.
- Application: to align holes in two or more pieces of metal through which a bolt or screw is to be inserted.
- Application: for installing and removing pins and shafts.
- One-piece design for strength and durability.
- Reverse taper to help prevent binding.



Product #	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J503/16S2	1/16	1/4	4-1/8	0.03
J501/4S2	3/32	1/4	5	0.06
J505/16S2	1/8	5/16	5-1/8	0.10
J503/8S2	3/16	3/8	5-5/8	0.17
J507/16S2	7/32	7/16	6	0.24
J501/2S2	1/4	1/2	6-1/2	0.33



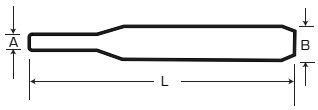
ASME B107.410-2008

CENTER PUNCHES

- Application: metal working layout. Provides a broad dent in marking intersecting center lines, hole locations, and pilot drill starting point.
- One-piece design for strength and durability.



Product #	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J411/4S2	1/4	4-3/4	0.05
J415/16S2	5/16	4-5/8	0.09
J413/8S2	3/8	4-7/8	0.14
J411/2S2	1/2	5-5/8	0.29
J415/8	5/8	6-1/4	0.45
J417/16	7/16	5-1/4	0.19



ASME B107.410-2008

PRICK PUNCHES

- Application: sheet metal work for scribing and for punching starting holes for sheet metal screws.
- One-piece design for strength and durability.
- Reverse taper to help prevent binding.



Product #	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J445/16S2	5/16	5	0.09
J433/8S2	3/8	5-1/4	0.14
J441/4S2	1/4	4-3/4	0.06

ASME B107.48

PUNCH & CHISEL HOLDER

- Holds punches and chisels up to 1" in diameter reducing the risk of injury.
- Nylon insert absorbs shock.
- Large four-sided handle.

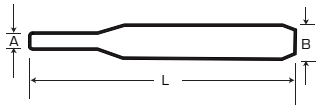


Product #	Overall Length (in)	Weight (lbs)
J2108	8	0.60

3 PIECE BRASS DRIFT PUNCH SET

Product #: J9633B

- Includes a pouch for convenient storage solution.



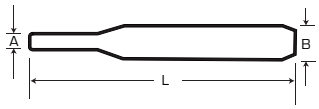


Contents	Description	Tip Width (in) (A)	Overall Length (in) (L)
J9638B	Punch, Brass Drift 3/8" x 6"	3/8	6
J9612B	Punch, Brass Drift 1/2"x 7"	1/2	7
J9634B	Punch, Brass Drift 3/4"x 8"	3/4	8
J25TR53C	Tool Roll, 3 Pockets		

Weight (lbs): 1.65

ASME B107.48

BRASS DRIFT PUNCHES

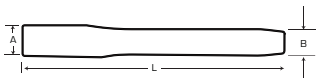




Product #	Tip Width (in) (A)	Overall Length (in) (L)	Weight (lbs)
J49920	1/2	7-7/8	0.46
J9634B	3/4	8	1.05
J9634HB	3/4	12	1.60
J9612B	1/2	7	0.4
J9638B	3/8	6	0.2

ASME B107.48

PIVOT HEAD PRY BARS



- 11 Positions.



Product #	Tip Width (in) (A)	Overall Length (in) (L)	Weight (lbs)	Foot Replacement #
J2162	9/16	8	2	J2162FT
J2164	3/4	12	4	J2162FT
J2166	3/4	16	4	J2162FT
J2168	1	24	6	–
J2170	1	36	7	–

ASME B107.52

4 PIECE PRY & ROLLING HEAD BARS SET

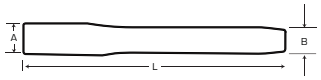
Product #: J2100A

- Set includes rolling head and aligning bars.
- Black oxide finish to help prevent rust corrosion; extending tool life and performance.



Contents	Description	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J2126A	Pry Bar, Rolling Head 12"	9/16	1/2	12
J2130A	Pry Bar, Rolling Head 16"	3/4	5/8	16
J2120	Pry Bar, Aligning 18"	5/8	5/8	18
J2124	Pry Bar, Aligning 24"	3/4	3/4	24

Weight (lbs): 8.50 ASME B107.52



3 PIECE ROLLING HEAD PRY BAR SET

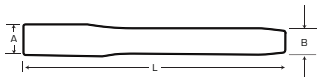
Product #: J2138A

- Pry and aligning bar with a pointed taper and 90° rolling head for leverage.
- High alloy steel is heat treated the entire length and black oxide treated for added strength and durability.



Contents	Description	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J2126A	Pry Bar, Rolling Head 12"	9/16	1/2	12
J2130A	Pry Bar, Rolling Head 16"	3/4	5/8	16
J2134A	Pry Bar, Rolling Head 21"	7/8	3/4	22-1/8

Weight (lbs): 4.30 ASME B107.52



ROLLING HEAD BARS

- Application: Pry and aligning bar with a long pointed taper and 90° rolling head for leverage.



Product #	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J2126A	9/16	1/2	12	0.69
J2130A	3/4	5/8	16	1.40
J2134A	7/8	3/4	22-1/8	2.95

ASME B107.52

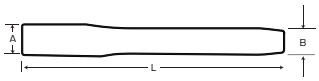
ALIGNING PRY BARS

- Application: for prying, positioning, and aligning applications.

Product #	Tip Width (in) (A)	Overall Length (in) (L)	Weight (lbs)
J2116	1/2	16	0.77
J2120	5/8	18	1.23
J2124	3/4	24	2.36
J2125	7/8	30	3.72
J2127	7/8	38	4.80
J2128	1	42	7.30
J2129	1-1/4	60	14.36

ASME B107.52





4 PIECE LARGE HANDLE PRY BAR SET

Product #: J2156S

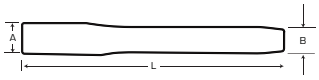
- Impact resistant, extruded Acetate handles are four-sided with broad but shallow flutes.
- Resistant to most harsh chemicals (including hydraulic fluids used in the aerospace industry).
- Four-sided handle design helps prevent "roll away" from the work surface and is comfortable and easy to hold.
- High alloy steel shanks are heat treated their entire length and black oxide treated for added strength and durability.

Contents	Description	Tip Width (in) (A)	Overall Length (in) (L)
J2140	Pry Bar, Large Handle 14"	5/8	14-1/2
J2142	Pry Bar, Large Handle 18"	5/8	17-1/2
J2146	Pry Bar, Large Handle 28"	3/4	28
J2148	Pry Bar, Large Handle 32"	3/4	31-7/8

Weight (lbs): 5.54

ASME B107.52





PRY BARS

- Large four-sided handle for a better grip and added comfort.

Product #	Tip Width (in) (A)	Overall Length (in) (L)	Weight (lbs)
J2140	5/8	14-1/2	0.92
J2142	5/8	17-1/2	1.08
J2150	5/8	36	4.50
J2146	3/4	28	1.37
J2148	3/4	31-7/8	2.17

ASME B107.52



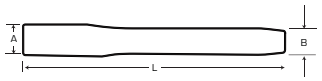
EXTRA LONG PICKS

- High alloy steel 1/4" shanks are heat treated their entire length and black oxide treated for added strength and durability.



Product #	Style	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J2387	90°	1/4	21	0.50
J2388	Curved	1/4	20-7/8	0.50

ASME B107.52



4 PIECE STANDARD PICK SET

Product #: J2384S

- High alloy steel 1/4" shanks are heat treated their entire length and black oxide treated for added strength and durability.



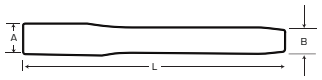
Contents	Description	Shank Width (in) (B)	Overall Length (in) (L)
J2380	Pick, 45 Degree Hook	1/4	10-7/8
J2381	Pick, Cotter Pin Puller	1/4	10-3/8
J2382	Pick, 90 Degree Hook	1/4	10-3/4
J2383	Pick, Curved Hook	1/4	10
J25TR55C	Tool Roll, 4 Pockets		

Weight (lbs): 1.00

ASME B107.52

STANDARD PICKS

- High alloy steel 1/4" shanks are heat treated their entire length and black oxide treated for added strength and durability.



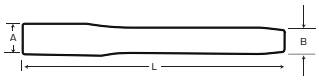


Product #	Style	Shank Width (in) (B)	Overall Length (in) (L)	Weight (lbs)
J2380	45°	1/4	10-7/8	0.25
J2381	Cotter	1/4	10-3/8	0.25
J2382	90°	1/4	10-3/4	0.25
J2383	Curved	1/4	10	0.25

ASME B107.52

GASKET & CARBON SCRAPERS

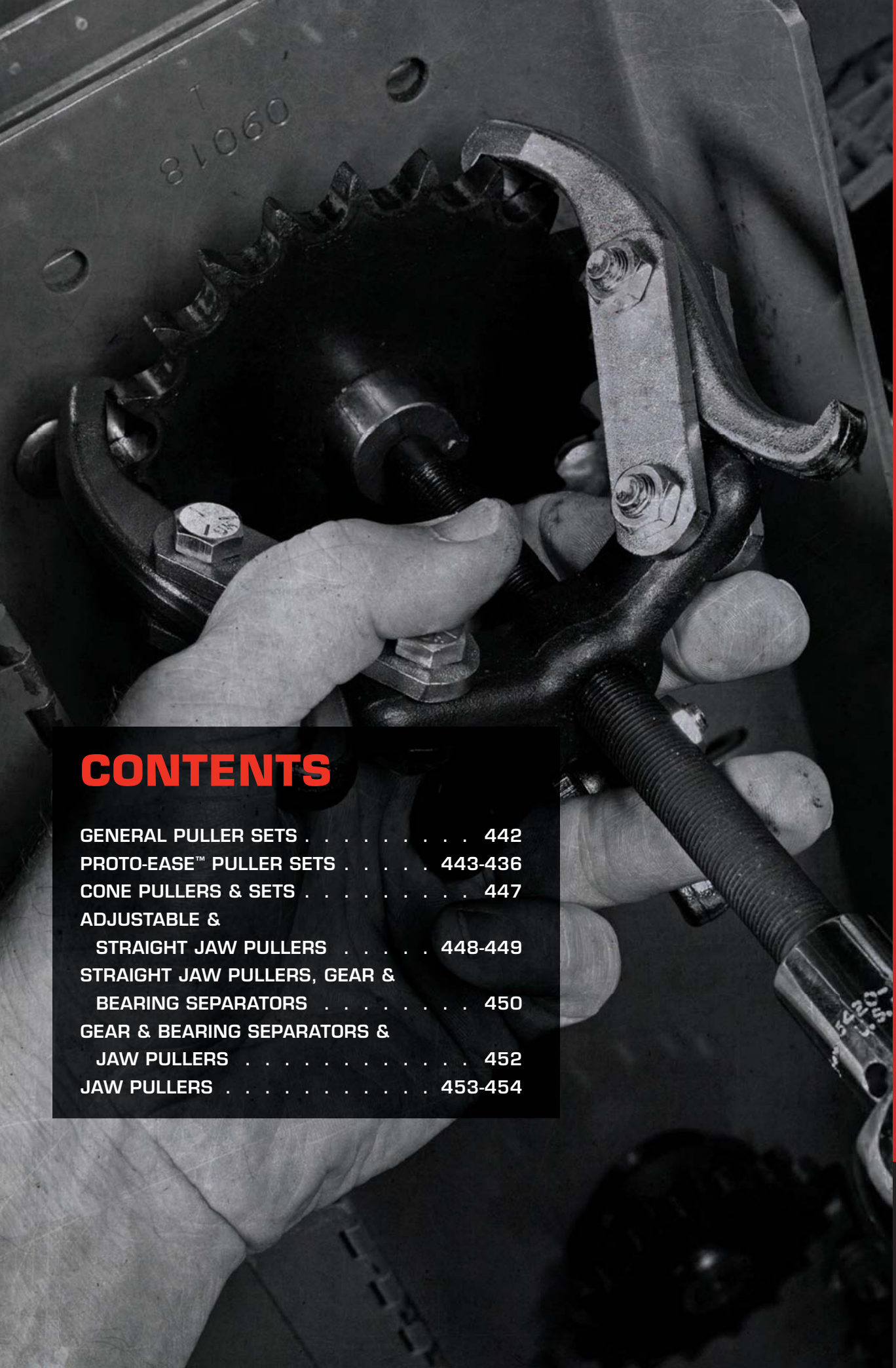
- High alloy steel 3/8" shanks are heat treated their entire length and black oxide treated for added strength and durability.





Product #	Shank Width (in) (B)	Blade Width (in) (A)	Overall Length (in) (L)	Weight (lbs)
J2340	3/8	1/2	10-3/8	0.45
J2341	3/8	3/4	10-3/8	0.45
J2342	3/8	1	10-3/8	0.45
J2338D*	5/16	1-1/16	11	0.38
J2343	3/8	1-1/2	10-3/8	0.50
J2336D*	3/8	1-1/2	12	0.30

* Features Duratek Handle Design



CONTENTS

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GEAR & BEARING SEPARATORS & JAW PULLERS 452
JAW PULLERS 453-454

6 TON PROTO-EASE™ GENERAL PULLER SET

Product #: J4290BA

- Makes over 20 of the most often used pullers: Internal, External, Slide Hammer, Rear Axle, Harmonic Balancer, etc.

Contents	Description	QTY
J4260RA	T-Handle Slide Rod, 24" Long	1
J4260HA	2-1/2 lbs Slide Hammer	1
J4250NA	Reversible Adjusting Nut	1
J4250BA	Two Jaw Yoke	1
J4255BA	Three Jaw Yoke	1
J4205BA	Slotted Crossarm, 2-Way/3-Way	1
J4056-6A	Reversible Jaw, 6" Reach	3
J4056-4A	Reversible Jaw, 4" Reach	3
J4056-2A	Inside Jaw, 2" Reach	2
J4056PNA	Jaw Pivot Pin	3
J4256SA	Inside Hook Jaw	1
J4205SA	Forcing Screw	1
J4022TA	Standard Detachable Tip	1
J4028A	Cap Screw, 3/8"-16 UNC x 3"	3
J4005CA	Cap Screw, 3/8"-24 UNF x 3"	3
J4205EA	Cap Screw, 3/8"-16 UNC x 4"	3
J4055HA	5 lbs Slide Hammer	1
J4275RA	Short Slide Rod, 12-3/4" Long	1
J4277BA	Rear Axle Flange Foot	1
J4280A	Set Puller Blind Bearing	1
J4331A	Gear and Bearing Separator	1

Weight (lbs): 27.68



10 TON PROTO-EASE™ WIDE PULLER SET

Product #: J4292BA

- Required for large parts with heavy press-fits.
- Reaches to over 12" and spread of 11"
- Makes over 10 different adjustable and straight jaw pullers.

Contents	Description	Qty.
J4225SA	Forcing Screw	1
J4012TA	Standard Tip	1
J4226CAA	2-Way Crossarm, 11" Long	1
J4227CAA	3-Way Crossarm, 11" Long	1
J4231AA	Adjustable Jaw Block Assembly	3
J4016AA	Dual Reach Jaw	3
J4018A	Cap Screw Jaw	3
J4017A	Long Narrow Jaw	3
J4011SA	Spring Clip	3
J4333A	Bearing Separator	1

Weight (lbs): 39.00



PROTO-EASE™ BEARING SEPARATOR SET

Product #: J4390BA

- Removes gears and bearings too close to another surface for a puller jaw grip, or where the pulled out part must be protected.
- Case provides space for step plates and assorted accessories.

Contents	Description	Qty.
J4330A	Gear and Bearing Separator, 1-13/16" Capacity	1
J4331A	Gear and Bearing Separator, 2-13/32" Capacity	1
J4332A	Gear and Bearing Separator, 4-3/8" Capacity	1
J4333AA	Gear and Bearing Separator, 6" Capacity	1
J4333RA	Threaded Rod, 3/4"-16 UNF, 10" Long	2

Weight (lbs): 27.50



10 TON PROTO-EASE™ PRESS-N-PULL™ SET

Product #: J4293BA

- Presses parts into place without hydraulics.
- Functions as many different pullers either by itself or in combination with other Proto® Pullers.

Contents	Description	Qty.
J4012TA	Standard Tip	1
J4229LSA	Lock Screw, 7/16"-14 UNC x 3/4"	3
J4235AAA	Adapter, 3/4"-12 Female x 5/8" Male Acme	1
J4235CNA	Coupling Nut, 3/4"-12 Acme	1
J4235SA	Forcing Screw	1
J4235UAA	Adapter, 3/4"-12 Female Acme x 5/8" 18 UNF Male	1
J4236CAA	2-Way Crossarm	1
J4236NA	Forcing Nut	1
J4236WA	Thrust Washer	1
J4237CAA	3-Way Crossarm	1
J4239SBA	Slideblock	3
J4240-08FA	Adapter, 5/8" x 1/2" Female	3
J4240-08MA	Adapter, 5/8" x 1/2" Male	3
J4240-12FA	Adapter, 5/8" x 3/4" Female	3
J4240-12MA	Adapter, 5/8" x 3/4" Male	3
J4240-14MA	Adapter, 5/8" x 7/8" Male	3
J4240LA	Medium Leg	3
J4240SLA	Short Leg	3
J4333A	Bearing Separator	1

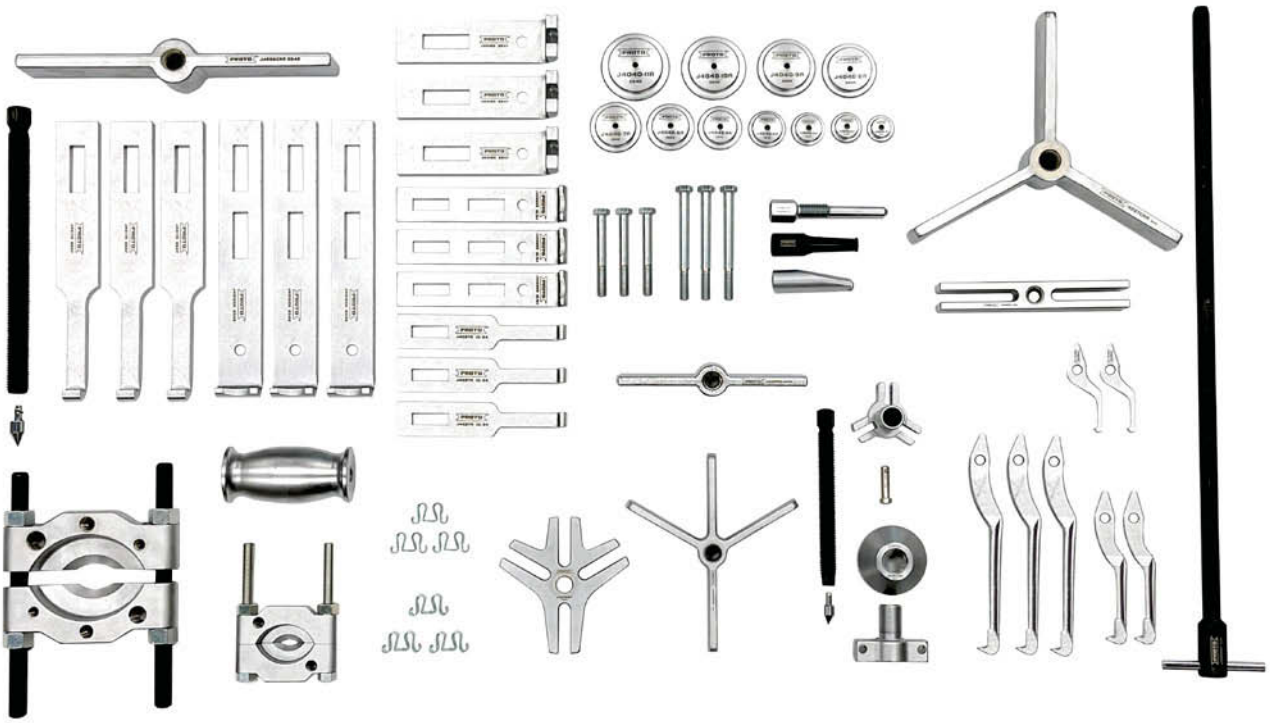
Weight (lbs): 43.00



PROTO-EASE™ GENERAL PULLER SET

Product #: J4245BA

- Includes components to assemble a wide variety of 3 ton, 6 ton, 10 ton, slide hammer and threaded part pullers.



Contents	Description	Qty.
J4005CA	Cap Screw, 3/8"-24 UNF x 3"	3
J4011SA	Spring Clip	3
J4016AA	Dual-Reach Jaws	1
J4017A	Long Narrow Jaw	1
J4018A	Cap Screw Jaw	1
J4021SA	Jaw Spring Clip	3
J4026AA	Dual Reach Jaw	3
J4027A	Narrow Jaw	3
J4040A	Step Plate Adapter Set	1
J4056-2A	Inside Jaw, 2" Reach	2
J4205BA	Slotted Crossarm 2-Way/3-Way	1
J4205EA	Cap Screw, 3/8"-16 UNC x 4"	3

Contents	Description	Qty.
J4206CAA	2-Way Crossarm	1
J4208CAA	2-Way/3-Way Crossarm	1
J4227CAA	3-Way Crossarm, 11" Long	1
J4234A	10 Ton 2-Way Straight Jaw Puller Set	1
J4252A	6 Ton 2-Way/3-Way Cone Puller Set	1
J4256SA	Inside-Hook Jaw	1
J4260HA	2-1/2 lbs Slide Hammer	1
J4260RA	T-Handle Slide Rod, 24" Long	1
J4280A	Set Puller Blind Bearing	1
J4331A	Gear and Bearing Separator, 2-13/32" Capacity	1
J4332A	Gear and Bearing Separator, 4-3/8" Capacity	1

Weight (lbs): 46.13

PROTO-EASE™ MASTER PULLER SET WITH BOX

Product #: J4235BB
Tools only #: J4235AB

- Covers most maintenance operations using standard pullers.
- Contains components necessary to assemble all full-interchange system pullers except Proto® Press-N-Pull™ Pullers.





Contents	Description	Qty.
J4205BA	Slotted Crossarm, 2-Way/3-Way	1
J4022TA	Standard Detachable Tip	1
J4205SA	Forcing Screw	1
J4005CA	Cap Screw, 3/8"-24 UNF x 3"	3
J4205EA	Cap Screw, 3/8"-16 UNC x 4"	3
J4028A	Cap Screw, 3/8"-16 UNC x 3"	3
J4206SCA	Slotted Crossarm, 2-Way	1
J4250BA	2 Jaw Yoke	1
J4255BA	3 Jaw Yoke	1
J4056-2A	Inside Jaw, 2" Reach	3
J4056-4A	Reversible Jaw, 4" Reach	3
J4056-6A	Reversible Jaw, 6" Reach	3
J4250NA	Reversible Adjusting Nut	1
J4056PNA	Jaw Pivot Pin	3
J4260HA	2-1/2 lbs Slide Hammer	1
J4260RA	T-Handle Slide Rod, 24" Long	1
J4055HA	5 lbs Slide Hammer	1
J4275RA	Short Slide Rod	1
J4277BA	Rear Axle Flange Foot	1
J4256SA	Inside Hook Jaw	1
J4280A	Set Puller Blind Bearing	1
J9969R	General Purpose Box With Tray	1

Contents	Description	Qty.
J4211BAA	Adjustable Jaw Block Assembly	3
J4026AA	Dual-Reach Jaw	3
J4027A	Narrow Jaw	3
J4208CAA	2-Way/3-Way Crossarm	1
J4231AA	Adjustable Jaw Block Assembly	3
J4012TA	Standard Tip	1
J4225SA	Forcing Screw	1
J4226CAA	2-Way Crossarm, 11" Long	1
J4227CAA	3-Way Crossarm, 11" Long	1
J4016AA	Dual-Reach Jaw	3
J4017A	Long Narrow Jaw	3
J4018A	Cap Screw Jaw	3
J4021SA	Spring Clip	3
J4011SA	Spring Clip	3
J4331A	Bearing Separator, 2-13/32" Capacity	1
J4333AA	Bearing Separator, 6" Capacity	1
J4040A	Step Plate Adapter Set	1
J4040-12A	Step Plate, 2-1/8" Bore	1
J4040-13A	Step Plate, 2-1/4" Bore	1
J4040-14A	Step Plate, 2-3/8" Bore	1

Weight (lbs): 93.00

6 TON PROTO-EASE™ 2-WAY/3-WAY CONE PULLER SET

Product #: J4252A

- Reach: 4" and 6" – Spread: 5" and 7".



Contents	Description	Qty.
J4022TA	Standard Detachable Tip	1
J4056-4A	Reversible Jaw, 4" Reach	3
J4056-6A	Reversible Jaw, 6" Reach	3
J4056PNA	Pivot Pin	3
J4205SA	Forcing Screw	1
J4250BA	2 Jaw Yoke	1
J4255BA	3 Jaw Yoke	1
J4250NA	Reversible Adjusting Nut	1

Weight (lbs): 4.12

6 TON PROTO-EASE™ 2-WAY STRAIGHT JAW PULLER

Product #: J4212SJBA

- Reach: 2" and 4" – Spread: 6".



Contents	Description	Qty.
J4021SA	Standard Spring Clip	2
J4022TA	Standard Detachable Tip	1
J4026AA	Dual Reach Jaw	2
J4027A	Narrow Jaw	2
J4205SA	Forcing Screw	1
J4206CAA	2-Way Crossarm	1

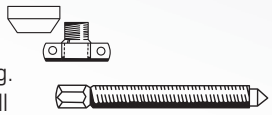
Weight (lbs): 4.87

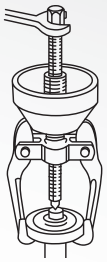
OPERATIONAL FEATURES - 6 TON PROTO-EASE™ CONE PULLERS

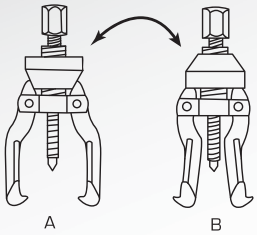


1 Forcing screws should be easy to turn—and most are—when the load is fairly light. But tough pulling jobs are a different story. Most screws tighten up when the going gets rough, resulting in far less output than you apply.
Why? Because there's frictional resistance. The thread and threaded hole are fighting each other all the way. Not with Proto®! We've got Acme threads to increase your muscle power. Acme is the thread with a long-lasting reputation for easy turning and smooth-as-silk performance.

2 Since the adjusting cone threads on the cross block and not onto the forcing screw, it is isolated from the torque of the screw. This means there's no unwanted jaw tightening. Go ahead—turn down the screw. Apply all the pressure you need. You won't change the set of the jaws. You can hold onto a gear, bushing or sleeve with unheard of precision and maximum control. No more stretching, scoring or crushing. Unwanted tightening is a thing of the past.

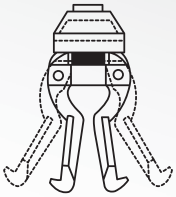






3 Reversing jaws from an external pull (A) to an internal pull (B) used to be a problem. It was tedious and took time. No more! Now Proto® threads the cone on the cross block. A few turns and it's off. Flip it and a few turns puts it on again.
Reversing the jaws is even faster. Pop the pivot pins out, turn the jaws and pop the pins in again. The screw? It stays put. You're ready to pull.

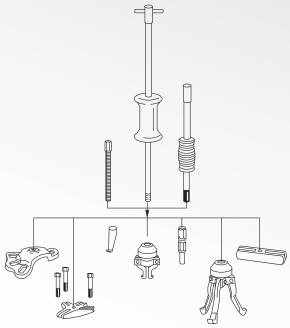
4 Jaws are configured to cam smoothly within the adjusting cone resulting in smoother jaw action and wider jaw spread.





5 Switching from a forcing screw to a slide hammer used to be a problem. You had to unscrew the forcing screw from BOTH cross block and adjusting cone and this caused you to lose the set of your jaws. Then you had to "hook-up" all over again. No more! Out comes the screw and in goes the slide rod. You've got a slide hammer puller. The adjusting cone? It stays put…on the cross block.

6 Now, both slide rods mate up with ALL attachments… So does the forcing screw. They're all threaded alike. Slide rods, forcing screws and attachments…ALL threaded 5/8"-12 Acme!



6 TON PROTO-EASE™ 2-WAY/3-WAY ADJUSTABLE JAW PULLER

Product #: J4217A

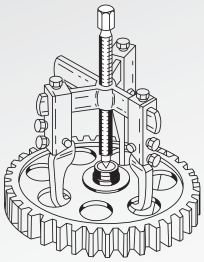


- Reach: 4-1/2" – Spread: 8".

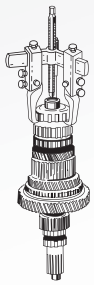
Contents	Description	Qty.
J4022TA	Standard Detachable Tip	1
J4056PNA	Pivot Pin	3
J4205SA	Forcing Screw	1
J4208CAA	2-Way/3-Way Crossarm	1
J4209JBA	Jaw Block	3
J4209LSA	Lock Screw	9
J4210RJA	Reversible Jaw, 4-1/2" Reach	3

Weight (lbs): 6.25

TYPICAL APPLICATIONS - NO. J4217 PROTO-EASE™ 6 TON PROTO-EASE™ 2-WAY/3-WAY ADJUSTABLE JAW PULLER

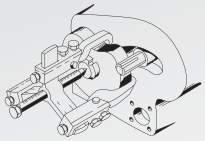


Puller is used to pull a gear off a hub. Gear has holes positioned close to the hub so medium size pullers can get a grip without damaging the case-hardened gear teeth. To avoid damage, when pulling gears in particular, a 3-way puller is generally preferred to a 2-way puller.

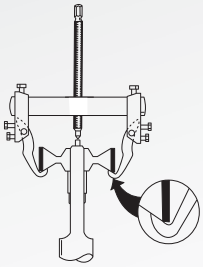


Puller is used to remove the pilot bearing from a transmission output shaft (adjustable jaws are shown used as straight jaws since no angle-of-grip adjustment is required). Each adjustable jaw block assembly slides along the crossarm for positioning—just as straight jaws, but with an important difference: Lock screw on top of jaw blocks secures each jaw assembly for a safe, slip-resistant grip.

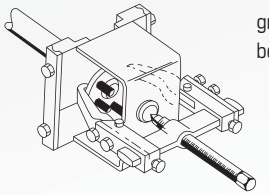
OPERATIONAL FEATURES — 10 TON PROTO-EASE™ PULLERS



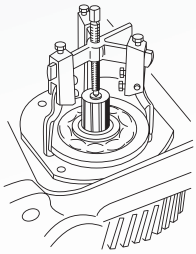
Proto-Ease™ No. J4233E 10 Ton 3-Way Adjustable Jaw Puller. Adapts easily to the job of pulling a cam from a shaft. Jaws are positioned asymmetrically on all three arms to accommodate the cam's irregular shape. Whether straight jaw or adjustable jaw, Proto-Ease™ pullers mean maximum adaptability to any pulling situation.



Proto-Ease™ No. J4232E 10 Ton 2-Way Adjustable Jaw Puller, shown at left pulling a gear without actually touching or in any way damaging the case hardened outer face of the gear. The jaws are locked in place and will not contract or squeeze together as pressure is applied. Precision, damage free pulling requires precision jaw positioning. Proto-Ease™ gives you that precision!



A J4232E Adjustable Jaw Puller clears a bearing splitter bridge to grip the truck rear axle bearing behind it.



An Adjustable Jaw Puller can grip an object larger in diameter than the length of its crossarm. The trick is to reverse the jaw blocks so the lock screws face inboard. Doing this can add as much as 27° more jaw spread for external pulls—30° more for internal pulls, with a corresponding reduction in load capacity. (See note below).

NOTE: Tonnage ratings do not apply when: 1) using jaw blocks with lock screws facing inboard (see above illustration), 2) jaw angle exceeds 7° or 3) lighter adjustable jaws are used in heavier jaw blocks.

10 TON PROTO-EASE™ 3-WAY ADJUSTABLE JAW PULLER

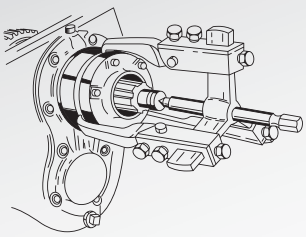
Product #: J4233EA

- Reach: 5" – Spread: 12".

Contents	Description	Qty.
J4012TA	Standard Tip	1
J4056PNA	Pivot Pin	3
J4225SA	Forcing Screw	1
J4227CAA	3-Way Crossarm, 11" Long	1
J4229JBA	Jaw Block	3
J4229LSA	Lock Screw, 7/16"-14 UNC x 3/4"	9
J4230RJA	Adjustable Reversible Jaw	3
J4019A	Steel Storage Box	1

Weight (lbs): 10.68





Puller is used to remove a truck input shaft's entire bearing retainer assembly. Three heavy-duty adjustable jaws (No. J4230RJ) grip assembly behind the front bearing cap while the 10 ton forcing screw bears down on the input shaft. A step plate adapter, No. J4040-2, is placed between the forcing screw tip and the input shaft to prevent damage to shaft and screw tip.

10 TON PROTO-EASE™ 2-WAY STRAIGHT JAW PULLER SET

Product #: J4234BA

- Reach: 2-15/16", 4-11/16" and 7-1/8" (18" with jaws bolted together) – Spread: 10".



Contents	Description	Qty.
J4011SA	Spring Clip	2
J4012TA	Standard Tip	1
J4016AA	Dual Reach Jaw	2
J4017A	Long Narrow Jaw	2
J4018A	Cap Screw Jaw	2
J4225SA	Forcing Screw	1
J4226CAA	2-Way Crossarm, 11" Long	1

Weight (lbs): 15.37

PROTO-EASE™ GEAR & BEARING SEPARATOR

Product #: J4331A

- Capacity: 2-13/32".

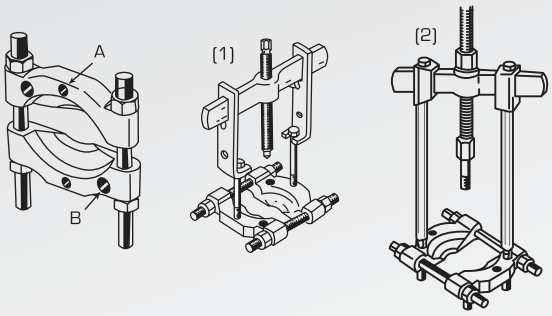


Contents	Description	Qty.
J4331NA	Hex Nut, 7/16"-20 UNF	2
J4331PA	Separator Plate, Size #1	2
J4331RA	Cap Screw, 7/16"-20 UNF x 4-1/2"	2

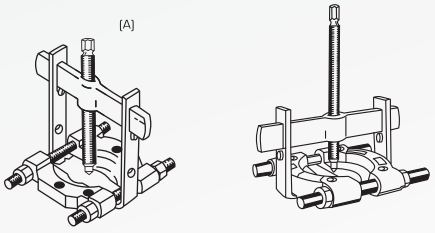
Weight (lbs): 1.48

OPERATIONAL FEATURES AND TYPICAL APPLICATIONS

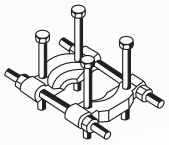
PROTO-EASE™ GEAR AND BEARING SEPARATORS



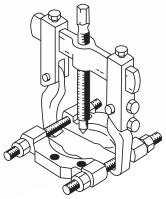
No. J4332 has two sets of drilled holes. One set (A) directly apart, has 1/2"-13 UNC thread, to accept common 1/2" cap screws—easily gripped with No. J4018 cap screw jaws (1). A second set (B), diagonally apart, has 5/8"-18 UNF threaded holes to accept Press-N-Pull™ leg ends (2).



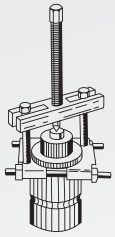
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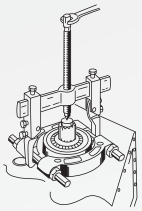
The larger separator, No. J4333 has 4-corner symmetrical jacking holes for 5/8"-18 cap screws. Permits separator action where space does not allow for puller accessories.



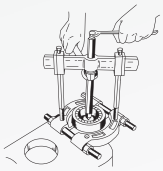
Adjustable jaws also grip separators directly—mid-point on the threaded rods. For positive grip, jaws may be angled, tips inboard, and locked in place, so as to "cradle" the rods.



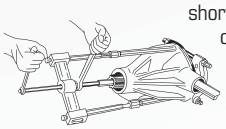
Proto-Ease™ No. J4330 separator with No. J4214 6 ton slotted crossarm puller—used to remove an electric motor commutator. The smallest of separators (size #0) has diagonally positioned threaded holes to accommodate size 5/16"-18 UNC cap screws—(Not included in the J4214 set).



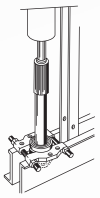
Proto-Ease™ No. J4333 separator with No. J4232E 10 ton adjustable jaw puller—used to remove the rear bearing from an output shaft. Thin, tapered separator edges fit behind bearings when space is too limited for puller jaws.



Proto-Ease™ No. J4333 separator with No. J4242 Press-N-Pull™ Puller—used to remove the rear bearing from an auxiliary countershaft. Separator plate threaded holes, and Press-N-Pull™ leg ends are threaded alike—with 5/8"-18 UNF. Hooks up fast for a positive, safe, non-slip grip.



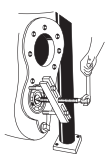
Proto-Ease™ No. J4333A separator and Press-N-Pull™ 2-way puller with medium and short legs. Used to press the pinion shaft out of a differential housing. Separator's extra long 13" threaded rods permit maximum separator plate spread—sufficient to straddle the differential housing and match the spread of Press-N-Pull™ slideblocks, extended to their maximum width along the crossarm.



Proto-Ease™ No. J4332 separator mounted on a shop forcing press, beneath a hydraulic press ram. Used to remove the bearing from a rear axle. Ram forces axle down through the separator opening, freeing the bearing. To protect the bearing and the gear beneath it, the separator is placed so the bearing rests on the flat side of the separator plates.

PROTO-EASE™ CAP SCREW PULLERS





Proto-Ease™ No. J4214 6 ton slotted crossarm puller is used at top left to pull a gear from a crankshaft. Since both 3/8"-16x3" cap screws are threaded directly into the gear being pulled, the gear will pull off when the forcing screw's pressure is applied to the shaft. At bottom left, the same puller's cap screws are anchored on either side of an object being pushed out—in this case, a countershaft, pressed towards the rear, until it frees the front bearing.

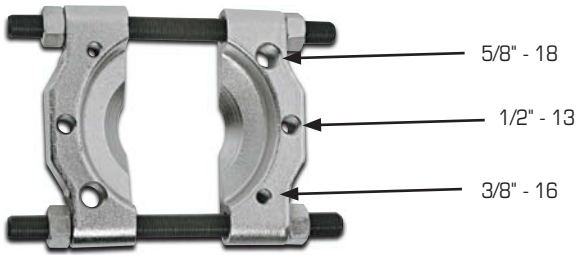
PROTO-EASE™ GEAR & BEARING SEPARATOR

Product #: J4332A

- Capacity: 4-3/8".

Contents	Description	Qty.
J4332NA	Hex Nut, 5/8"-18 UNF	4
J4332PA	Separator Plate, Size #2	2
J4332RA	Threaded Rod, 5/8"-18 UNF	2

Weight (lbs): 5.57



PROTO-EASE™ GEAR & BEARING SEPARATOR

Product #: J4333AA

- Capacity: 6".

Contents	Description	Qty.
J4333NA	Hex Nut, 3/4"-16 UNF	4
J4333PA	Separator Plate, Size #3	2
J4333ARA	Threaded Rod, 3/4"-16 UNF x 13"	2

Weight (lbs): 12.50



2-JAW ADJUSTABLE GEAR PULLER, REVERSIBLE JAWS

Product #	Maximum Spread (in)	Maximum Reach (in)	Forcing Screw Length (in)	Thread	Rating
J4033A	4	3-1/4	4-7/8	3/8"-24	2 Ton

Weight (lbs): 1.00



2 OR 3-JAW ADJUSTABLE GEAR PULLER, REVERSIBLE JAWS



Product #	Maximum Spread (in)	Maximum Reach (in)	Forcing Screw Length (in)	Thread	Rating
J4034A	4-3/4	3-1/4	4-7/8	3/8"-24	2 Ton

Weight (lbs): 1.43

2-JAW ADJUSTABLE GEAR PULLER, REVERSIBLE JAWS



Product #	Maximum Spread (in)	Maximum Reach (in)	Forcing Screw Length (in)	Thread	Rating
J4035A	6	5-1/2	7	9/16"-20	5 Ton

Weight (lbs): 2.57

2 OR 3-JAW ADJUSTABLE GEAR PULLER, REVERSIBLE JAWS



Product #	Maximum Spread (in)	Maximum Reach (in)	Forcing Screw Length (in)	Thread	Rating
J4036A	7	5-1/2	7	9/16"-20	5 Ton

Weight (lbs): 4.01

2-JAW ADJUSTABLE GEAR PULLER



Product #	Maximum Spread (in)	Maximum Reach (in)	Forcing Screw Length (in)	Thread	Rating
J4037A	9-1/2	8-3/4	9	11/16"-18	7 Ton

Weight (lbs): 5.26

2 OR 3-JAW ADJUSTABLE GEAR PULLER



Product #	Maximum Spread (in)	Maximum Reach (in)	Forcing Screw Length (in)	Thread	Rating
J4038A	11	8-3/4	9	11/16"-18	7 Ton

BATTERY CABLE & SMALL BEARING PULLER



- Uses toggle-type action to grip onto all standard post battery terminals.
- Pulls small bearings and gears with 1" reach and spread.

Product #	Weight (lbs)
J4041	0.65

3 JAW GEAR PULLER, 7" - REVERSIBLE



Product #	Maximum Spread (in)	Maximum Reach (in)	Forcing Screw Length (in)	Thread	Rating
J4046A	7	3-1/4	7	9/16"-20	5 Ton

Weight (lbs): 3.36



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9 BLADE STANDARD FEELER GAUGE SET

Product #: J000A

- Contains 9 short 3 inch blades in steel holder.
- Sizes: .003", .004", .005", .006", .008", .010", .012", .015", .018".
- Blades etched with both decimal size and metric equivalent.
- Weight (lbs): 0.07

INCH



15 BLADE METRIC FEELER GAUGE SET

Product #: J00MM15

- 1/2" x 3" metric blades in steel holder.
- Sizes: 0.06 mm, 0.07 mm, 0.08 mm, 0.10 mm, 0.15 mm, 0.20 mm, 0.25 mm, 0.30 mm, 0.35 mm, 0.40 mm, 0.45 mm, 0.50 mm, 0.55 mm, 0.60 mm, 0.70 mm.
- Weight (lbs): 0.13

MM



25 BLADE MASTER FEELER GAUGE SET

Product #: J000AA

- 1/2" x 3" blades in steel holder.
- Sizes: .0015" thru .040" except .019".
- Blades etched with both decimal size and metric equivalent.
- Weight (lbs): 0.19

INCH



25 BLADE METRIC FEELER GAUGE SET

Product #: J00MM25

- 1/2" x 3" metric blades in steel holder.
- Sizes: 0.04 mm, 0.05 mm, 0.06 mm, 0.07 mm, 0.08 mm, 0.09 mm, 0.10 mm, 0.15 mm, 0.20 mm, 0.25 mm, 0.30 mm, 0.35 mm, 0.40 mm, 0.45 mm, 0.50 mm, 0.55 mm, 0.60 mm, 0.65 mm, 0.70 mm, 0.75 mm, 0.80 mm, 0.85 mm, 0.90 mm, 0.95 mm, 1.00 mm.
- Weight (lbs): 0.22

MM

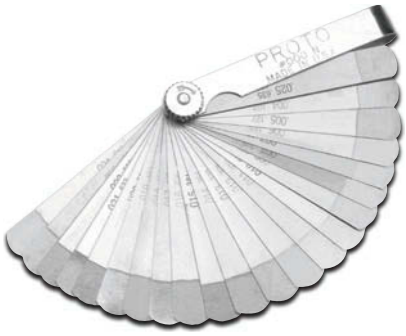


22 BLADE STEP CUT FEELER GAUGE SET

Product #: J000N

- "Go / no-go" 1/2" x 3-5/16" blades in steel holder.
- Each blade has two different thicknesses.
- Sizes: .004/.006", .005/.007", .006/.008", .007/.009", .008/.010, .009/.011", .010/.012", .011/.013", .012/.014", .013/.015", .014/.016", .015/.017", .016/.018", .017/.019", .018/.020", .019/.021", .020/.022", .021/.023", .022/.024", .023/.025", .024/.026", .025/.027".
- Blades etched with both decimal size and metric equivalent.
- Weight (lbs): 0.19

INCH



11 BLADE BENT FEELER GAUGE SET

Product #: J000M

- 1/2" x 4" blades with a 1" bend in steel holder.
- Sizes: .006", .008", .010", .011", .012", .013", .014", .015", .018", .019", .020".
- Blades etched with both decimal size and metric equivalent.
- Blades are offset at a right angle to help protect hands from a hot manifold while setting an overhead value.
- Weight (lbs): 0.13

INCH



12 BLADE LONG FEELER GAUGE SET

Product #: J000SL

- 1/2" x 12" blades in steel holder.
- Sizes: .0015", .002", .003", .004", .005", .006", .008", .010", .012", .014", .015", .020".
- Blades etched with both decimal size and metric equivalent.
- Weight (lbs): 0.30

INCH



25 BLADE LONG FEELER GAUGE SET

Product #: J000TL

- 1/2" x 12" blades in steel holder.
- Sizes: .0015", .002", .003", .004", .005", .006", .007", .008", .009", .010", .011", .012", .013", .014", .015", .016", .017", .018", .019", .020", .021", .025", .027", .030", .040".
- Blades etched with both decimal size and metric equivalent.
- Weight (lbs): 0.72

INCH



6 BLADE NON-MAGNETIC FEELER GAUGE SET

Product #: J000BR

- Contains non-magnetic brass feeler blades for checking the air gap in electronic ignition systems for all weather conditions.
- 1/2" x 3" blades in steel holder.
- Sizes: .006", .008", .010", .012", .014", .016".
- Blades etched with both decimal size and metric equivalent.
- Weight (lbs): 0.08

INCH



16 BLADE OVERHEAD VALVE FEELER GAUGE SET

Product #: J000R

- 1/2" wide bent gauges for setting overhead valves.
- Sizes: .009", .010", .011", .014", .015", .016", .017", .018", .019", .020", .021", .023", .024" .025" .026", .027".
- Blades are bent at a 45° angle to help protect hands from a hot manifold while setting an overhead value.
- Blades etched with both decimal size and metric equivalent.
- Weight (lbs): 0.25

INCH



10 BLADE IGNITION FEELER GAUGE SET

Product #: J000D

- 1/4" x 1-3/4" blades in steel holder.
- Sizes: .013", .015", .017", .018", .020", .025", .030", .032", .035" .040".
- Blades etched with both decimal size and metric equivalent.
- Weight (lbs): 0.06

INCH



HEAVY-DUTY PISTOL GRIP GREASE GUN

- 3-way filling: bulk, cartridge, or filler pump.
- 16 oz. bulk fill.
- 14 oz. standard cartridge.
- Heavy-duty 1.7 mm thick seamless barrel to avoid dents.
- Aluminum head reduces weight.
- Heavy-duty flexible 18" nylon hose and 6" metal spout for easy use.
- Output pressure: 3,600 PSI.

Product #	Overall Length (in)	Weight (lbs)
JFC33HD	16	3.86



FLEXIBLE RETRIEVING & HOLDING TOOLS

- Designed to position or retrieve small objects.
- Spring-loaded plunger actuates jaws at end of flexible casing.

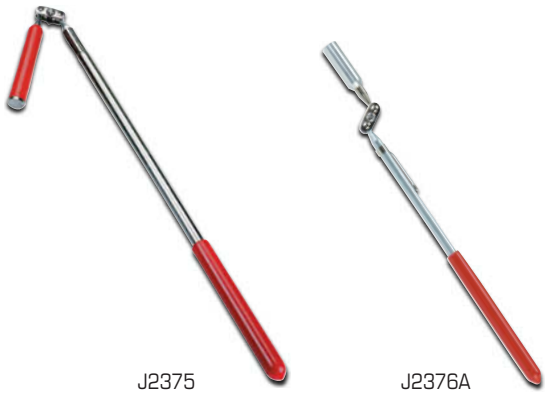
Product #	Overall Length (in)	Weight (lbs)
J2344	13-1/2	0.19
J2345	23-1/2	0.26



POCKET MAGNETIC RETRIEVING TOOLS

- J2375 includes versatile telescoping handle and all-angle ball joint.
- J2376A has an aluminum head that contains a neodymium magnet that can lift up to 1-1/2 lbs, all angle ball joint, and a pocket clip.

Product #	Overall Length (in)	Weight (lbs)
J2375	16-3/4 to 26-3/4	0.40
J2376A	8	0.08



J2375 J2376A

TUBING CUTTER

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

Product #	Diameter Dial	Weight (lbs)
J350	350c	0.82



TUBING FLARING TOOL

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

Product #	V-Block Only	Yoke Only	Weight (lbs)
J351	351V	351Y	0.82



INSPECTION MIRRORS

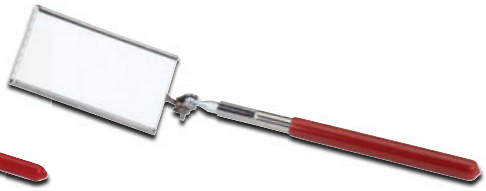
- Versatile all-angle ball joint.
- Features telescoping handle (J2372 and J2373).
- With pocket clip (J2373).



J2374



J2371



J2373

Product #	Mirror Shape	Mirror Size (L x W in)	Mirror Diameter (in)	Overall Length (in)	Weight (lbs)
J2370	Circular	–	7/8	7-1/2	0.08
J2374	Circular	–	1-1/4	8	0.09
J2372	Circular	–	2-1/4	10 to 14	0.25
J2371	Oval	1 x 2	–	8-3/4	0.08
J2373	Rectangular	2-1/8 x 3-1/2	–	11-1/4 to 15-1/2	0.30

LONG REACH INSPECTION MIRRORS



J2373XL



J2370XL

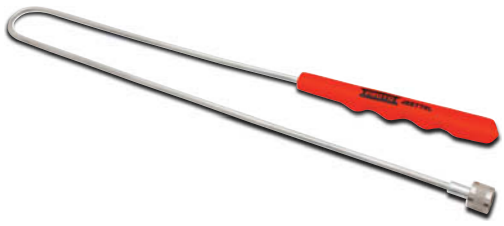
Product #	Mirror Shape	Mirror Diameter (in)	Overall Length (in)	Weight (oz)	Replacement Mirror
J2370XL	Circular	7/8	8.5 - 30.25	1.3	J2370XLR
J2372XL	Circular	2-1/4	6.5 - 36.375	3.8	J2372XLR
J2374XL	Circular	1-1/4	6.5 - 35	3.8	J2374XLR
J2382XL	Circular	3-1/4	6.5- 29.5	4.5	J2382XLR
J2373XL	Rectangular	2-9/16 X 3-3/4	6.75 - 29.75	4.0	J2373XLR

LONG REACH MAGNETIC PICKUP TOOLS



J2375XL

Product #	Type	Overall Length (in)	Max. Lift (lbs)	Weight (oz)
J2375XL	-	5.5 -25.5	1.5	1.2
J2376XL	-	7.25 - 33.75	3.5	2.8
J2377XL	Flexible	29	5	4.3
J2378XL	-	8.25 - 30.25	5	1.9
J2379XL	-	8.25 - 30.25	16	3.9



J2376NXL

10 PIECE SCREW EXTRACTOR SET

Product #: J9500B

- Drive into end of broken pipe or fitting.
- Use tap holder or wrench on extractor to turn out broken part.
- Size stamped on extractor refers to drill bit size to be used with that extractor.



Contents	Description	Overall Length (in)
J9521	Screw, Extractor 1/8"	2-5/16
J9522	Screw, Extractor 3/16"	2-5/8
J9523	Screw, Extractor 15/64"	2-7/8
J9524	Screw, Extractor 5/16"	3
J9525	Screw, Extractor 3/8"	3-1/4
J9525B	Screw, Extractor 15/32"	3-7/8
J9526	Screw, Extractor 9/16"	4-1/4
J9527	Screw, Extractor 21/32"	4-7/8
J9528	Screw, Extractor 13/16"	5-3/8
J9529	Screw, Extractor 1-1/16"	5-1/2

Weight (lbs): 4.50

5 PIECE SCREW EXTRACTOR SET

Product #: J9500A

- Drive into end of broken pipe or fitting.
- Use tap holder or wrench on extractor to turn out broken part.
- Size stamped on extractor refers to drill bit size to be used with that extractor.



Contents	Description	Overall Length (in)
J9521	Screw, Extractor 1/8"	2-5/16
J9522	Screw, Extractor 3/16"	2-5/8
J9523	Screw, Extractor 15/64"	2-7/8
J9524	Screw, Extractor 5/16"	3
J9525	Screw, Extractor 3/8"	3-1/4
J25TR49C	Tool Roll 5 Pockets	6-3/32

Weight (lbs): 0.28

SCREW EXTRACTORS

- Drive into end of broken pipe or fitting.
- Use tap holder or wrench on extractor to turn out broken part.
- Size stamped on extractor refers to drill bit size to be used with that extractor.



Product #	U.S.S. (in)	Drill Size (in)	Diameter Minimum (in)	Diameter Maximum (in)	Overall Length (in)	Weight (lbs)
J9521	1/4, 5/16	1/8	1/8	3/16	2-5/16	0.02
J9522	3/8	3/16	11/64	3/16	2-5/8	0.02
J9523	7/16	15/64	13/64	1/4	2-7/8	0.05
J9524	1/2, 9/16	5/16	19/64	5/16	3	0.07
J9525	5/8	3/8	11/32	3/8	3-1/4	0.12
J9525B	3/4	15/32	1/8	1/8	3-7/8	0.18
J9526	7/8	9/16	1/2	1/2	4-1/4	0.29
J9527	1, 1-1/8	21/32	19/32	5/8	4-7/8	0.47
J9528	1-1/4, 1-3/8	13/16	23/32	3/4	5-3/8	0.72
J9529	1-1/2	1-1/16	31/32	1	5-1/2	1.30

10 PIECE BOLT EXTRACTOR SOCKET SET

Product #: J69X00

- Proto® Bolt Extractor Sockets make it easy to remove rusted, rounded, or damaged nuts and bolts.
- The working end has a helical shaped flute to help grip rounded fasteners, round head bolts, and pan head screws.
- Proto® Bolt Extractor Sockets can be used in combination with other drive tools (such as ratchets, adjustable wrenches, sockets, or combination wrenches) to help reach fasteners in difficult locations.
- Through-hole design helps gain access to fasteners at the end of long bolts or studs.
- Can be used on SAE or metric fasteners.
- 3/8" Drive size.



Description	Drive End Outside Diameter (in)	Nut End Outside Diameter (in)	Nut Depth (in)	Overall Length (in)	Weight (lbs)
Extractor, Socket 7 mm, 1/4", 9/32"	7/16	11/16	9/16	1-1/16	0.05
Extractor, Socket 8 mm, 5/16"	31/64	11/16	9/16	1-1/16	0.05
Extractor, Socket 9 mm, 11/32"	17/32	11/16	33/64	1-1/16	0.06
Extractor, Socket 3/8"	9/16	11/16	33/64	1-1/16	0.06
Extractor, Socket 10 mm, 13/32"	19/32	11/16	33/64	1-1/16	0.06
Extractor, Socket 11 mm, 7/16"	21/32	11/16	33/64	1-1/16	0.07
Extractor, Socket 12 mm, 15/32"	11/16	3/4	33/64	1-1/16	0.08
Extractor, Socket 13 mm, 1/2"	3/4	3/4	33/64	1-1/16	0.09
Extractor, Socket 14 mm, 9/16"	11/16	7/8	33/64	1-1/16	0.09
Extractor, Socket 15 mm, 16 mm, 5/8"	59/64	15/16	33/64	1-1/16	0.10

Weight (lbs): 0.86

FEATURES AND BENEFITS — BOLT EXTRACTORS

- 18-30 teeth in a hexagonal configuration help grip rounded hexagonal fasteners, round head bolts and pan head screws.
- Low profile design helps gain access to fasteners in tight spaces.
- The non-working end can be turned with wrenches or sockets.
- Can be used in combination with other drive tools (such as extensions, universal joints or ratchets with short arc swings) to help reach fasteners in difficult locations.
- Sizes range from 1/4" - 5/8" and 7 - 16 mm. Each socket can turn multiple fastener sizes.
- Can be used on fractional or metric fasteners.



- Easily remove rusted, rounded or damaged nuts and bolts.
- Through-hole design helps gain access to fasteners at the end of long bolts or studs.

3/8" DRIVE 13 PIECE HAND IMPACT DRIVER SET

Product #: JHANDIM

HEX

- Designed to loosen hard to turn bolts and nuts.
- Hand impact driver has heavy-duty spring for added torque.
- Popular interchangeable bits are packaged in plastic blow-molded case for easy storage.

Contents	Description
J7099	Driver, Hand Impact 3/8" DR 5-1/2"
J60002	Bit, Insert # 1 Phillips 1/4" Hex
J60008	Bit, Insert # 2 Phillips 1/4" Hex
J60020	Bit, Insert # 3 Phillips 1/4" Hex
J60202	Bit, Insert 3/16" Slotted 1/4" Hex
J60208	Bit, Insert 9/32" Slotted 1/4" Hex
J60050	Bit, Insert #1 Phillips 5/16" Hex
J60052	Bit, Insert #2 Phillips 5/16" Hex
J60054	Bit, Insert #3 Phillips 5/16" Hex
J60256	Bit, Insert 10F-12R Slot 5/16" Hex
J60262	Bit, Insert 14F-16R Slot 5/16" Hex
J6930	Bit Holder 3/8" DR 5/16" Hex
J6931	Bit Holder 3/8" DR 1/4" Hex
JBM1019	Blowmold Case

Weight (lbs): 2.36



BATTERY CABLE & SMALL BEARING PULLER

- Uses toggle-type action to grip onto all standard post battery terminals.
- Pulls small bearings and gears with 1" reach and spread.

Product #	Weight (lbs)
J4041	0.65



COMPRESSION TESTERS

- Includes compression gauge, O-ring, and instructional pamphlet.
- JCTR10 includes:
  - Flexible hose and quick-disconnect coupler permit fast, easy engagement of threaded fitting into spark plug hole.
  - Gauge has convenient side release valve and dual reading scale for both PSI and metric values (0 to 300 PSI, 0 to 20 kg/cm²).
  - Equipped with neoprene "O" rings for positive finger-tight seal.
  - Includes adapters for regular 18 mm spark plugs and for regular and long 14 mm spark plugs.



Product #	Overall Length (in)	Weight (lbs)	Repair Kit	O-Ring	O-Ring Titled Gauge
JCTR10	10-29/32	1.08	JCTR10RK	JCTR10-7A	JCTG1

STETHOSCOPE

- Fast, accurate method for locating trouble in engines.
- Determines if moving parts are worn, such as pistons, gears, valves, water pumps, gaskets, bearings, etc.
- Plastic ear protectors help reduce shop noise.
- Spring steel diaphragm for long use.
- Shock resistant handle.



Product #	Height (in)	Overall Length (in)	Weight (lbs)
JFP500A	2-3/32	14-29/32	0.47

IGNITION POINT FILE

- Tungsten file for spark plugs, distributors, and other electrical contact points.
- Has chisel tip and smooth extended grip.



Product #	Overall Length (in)	Weight (lbs)
J2302	5-1/4	0.01

ANTIFREEZE TESTER

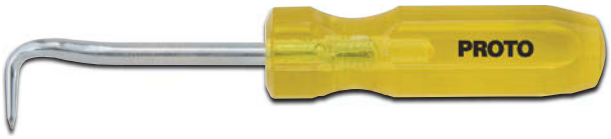
Product #: JFFCC3

- Compact, lightweight, and break-resistant.
- Easy to read plastic housing.
- Tests all ethylene glycol based antifreeze including Dex-Cool®, hot or cold.
- Temperature compensating with Fahrenheit and Celsius scales from +32°F to -60° F.
- Weight (lbs): 0.20



COTTER PIN PULLER

- Precision formed curves provide excellent leverage in prying out cotter pins quickly and easily.
- Large plastic handle.



Product #	Blade Length (in)	Overall Length (in)	Weight (lbs)
J2306	3-7/16	7-3/4	0.25

SELF-GRIPPING OIL FILTER WRENCH

- Use for removal and installation of oil filters.
- Filter sizes: 3-1/8" - 4-3/4" (80 mm-120 mm).
- 3/8" drive (also includes 1/2" drive adapter).



Product #	Diameter Minimum (in)	Diameter Maximum (in)	Diameter Minimum (mm)	Diameter Maximum (mm)	Width (in)	Height (in)	Overall Length (in)	Weight (lbs)
JFF120	3-1/8	4-3/4	80	120	3-29/32	3-19/64	4-13/64	1.51

HEAVY-DUTY FILTER STRAP WRENCH

- Heavy-duty cordura strap for high-torque application requirements.
- For 3/8" and 1/2" ratchet or breaker bar use.
- Fits large oil filters up to 9" (228 mm) diameter.



Product #	Diameter Minimum (in)	Diameter Maximum (in)	Diameter Minimum (mm)	Diameter Maximum (mm)	Width (in)	Height (in)	Overall Length (in)	Weight (lbs)
JFF278	4	9	100	228	3-51/64	1-1/2	6-19/32	0.58

OIL FILTER WRENCHES

- Handle swivels to avoid obstructions.
- Stainless steel band for added strength.



Product #	Diameter Minimum (in)	Diameter Maximum (in)	Overall Length (in)	Weight (lbs)
J3007	2-7/8	3-1/4	8	0.81
J3006	3-1/2	3-7/8	8-1/2	0.81
J3008	4-1/8	4-1/2	9-1/2	0.88

ADJUSTABLE OIL FILTER PLIERS

- Heavy-duty forged jaws with three contact points to grip stubborn oil filters.
- Textured grips for non-slip operation.



Product #	Opening Range (in)	Diameter Minimum (in)	Diameter Maximum (in)	Diameter Minimum (mm)	Diameter Maximum (mm)	Height (in)	Overall Length (in)	Weight (lbs)
JFF287	3-3/4 to 7	3-3/4	7	94	178	1	19	3.28

BATTERY POST & TERMINAL CLEANER

- Circular outer brush cleans contact area.
- Cleans cable end with cap removed.



Product #	Overall Length (in)	Weight (lbs)
J2320	3-15/16	0.14

BATTERY TERMINAL SPREADER & REAMER

- Spreads and cleans clamps in one quick operation.
- Plastisol grips for added comfort.



Product #	Overall Length (in)	Weight (lbs)
J319	7-1/2	0.55

HEAVY-DUTY TOOL TROLLEY

- 300 lbs seating capacity.
- 18" seating height.
- 1" chrome finished tubular steel constructed frame.
- 3" industrial grade hard floor casters, 2 with brakes.
- Comfortable 16" x 16" x 3-1/2" thick vinyl fabric over foam seat.
- Contoured 12" x 6" x 2-1/2" thick vinyl over foam back.
- 12" x 18" x 1-3/4" heavy-duty stamped steel tool tray.



Product #	Capacity (lbs)	Width (in)	Height (in)	Weight (lbs)
JFC1010	300	16	36	21.38

HEAVY-DUTY SHOP STOOL

- 300 lbs seating capacity.
- 29" to 34" pneumatic gas lift seat height adjustment.
- Comfortable 14" diameter x 3-1/2" thick vinyl fabric over foam seat.
- Contoured 12" x 6" x 2-1/2" thick vinyl over foam back.
- Durable steel constructed seat control with dual 1" tubular steel back bars.
- Back depth adjustment.
- 1" chrome finished tubular legs with 18" diameter steel foot ring.



Product #	Capacity (lbs)	Width (in)	Height (in)	Weight (lbs)
JFC1011	300	14	44	24.02



AIR TOOLS

CONTENTS

IMPACT WRENCHES . . . 468-469
AIR RATCHETS 470
DIE GRINDERS 470

PROTO®

TITANIUM SERIES AIR IMPACT WRENCH



- Titanium housing helps to reduce weight, improve balance and ensure maximum durability.
- Robust twin hammer mechanism for efficient energy transfer and long service life.
- Feather throttle for maximum operator control.
- Three position power regulator for forward rotation. Reverse rotation operates at maximum for highest breakaway torque.
- Ambidextrous forward/reverse lever can be actuated with a single hand, even with gloves on.
- Ergonomically designed handle-forward design improves balance and control, helping to reduce operator fatigue.
- 360° rotating air inlet fitting.

Product #	Drive Size (in)	Breakaway Torque (ft-lbs)	Average Air Consumption (cfm)	Air Inlet (npt) (in)	Blow Rate (bpm)	Free Speed (rpm)	Sound Level (db)	Vibration Level (m)	Overall Length (in)	Weight (lbs)
J175WP	3/4	1560	7.10	3/8	950	5300	93.8	4.91	8.90	8.40

MINI IMPACT WRENCHES



- Rubber bumpers for durability.
- Variable speed trigger for optimal speed regulation.
- Easy-to-use one-hand forward/reverse switch with integrated three position regulator.
- Comfortable rubber injected overlay grip is resistant to oils and acids.

Product #	Drive Size (in)	Breakaway Torque (ft-lbs)	Average Air Consumption (cfm)	Air Inlet (npt) (in)	Blow Rate (bpm)	Free Speed (rpm)	Sound Level (db)	Vibration Level (m)	Overall Length (in)	Weight (lbs)
J138WP-M	3/8	445	3.00	1/4	1350	6000	104.20	7.78	4.40	2.90
J150WP-M	1/2	635	4.50	1/4	1500	10000	108.10	9.57	4.40	2.90

LARGE DRIVE INLINE IMPACT WRENCH

- Excellent power to weight ratio.
- Rubber bumper for durability.
- Suspension hangers.
- Breakaway torque: 2,500 ft/lbs.
- Impacts per minute: 1,000.
- Adjustable side handle included.
- Two-stage trigger for more control.
- Convenient forward/reverse location.
- Oversized d-handle allows for use with gloves.
- Includes optional outside trigger.



Product #	Drive Size	Anvil	Air Inlet (npt) (in)	Average Air Consumption (cfm)	Free Speed (rpm)	Desired Air Pressure (psi)	Blow Rate (bpm)	Sound Level (db)	Vibration Level (m)	Overall Length (in)	Weight (lbs)
J199WD	1"	Flush Thru Hole	1/2	12.00	5000	90	1000	104.40	14.75	15.00	16.00

LARGE DRIVE IMPACT PISTOL WRENCH

- Excellent power to weight ratio.
- Rubber bumper for durability.
- Compact size for tight spaces.
- Breakaway torque: 2,500 ft/lbs.
- Impacts per minute: 900.
- Excellent power to weight ratio.
- Two-stage trigger for more control.
- Comfort grip for low vibration.
- Adjustable side handle included.
- Suspension hangers.



Product #	Drive Size	Anvil	Air Inlet (npt) (in)	Average Air Consumption (cfm)	Free Speed (rpm)	Desired Air Pressure (psi)	Blow Rate (bpm)	Sound Level (db)	Vibration Level (m)	Overall Length (in)	Weight (lbs)
J199WP	1"	Flush Thru Hole	1/2	12.00	5000	90	1000	100.90	6.87	11.00	15.20

TITANIUM SERIES ANGLE IMPACT WRENCH



- Feather start trigger and forward/reverse ring for ease of use and increased productivity.
- Low profile head improves access to tight areas while housing design contains gearing to reduce maintenance issues.
- Proto air tools feature exhaust deflectors for reduced noise.
- Impact mechanism delivers high torque with low reaction force, reducing effort and improving comfort and control.

Product #	Drive Size (in)	Breakaway Torque (ft-lbs)	Average Air Consumption (cfm)	Blow Rate Forward (bpm)	Blow Rate Reverse (bpm)	Free Speed (rpm)	Overall Length (in)	Weight (lbs)
J150WA	1/2	200	5.00	1600	1700	7200	13.90	4.00

TITANIUM SERIES SEALED HEAD AIR RATCHETS



- Lightweight titanium sealed head for improved durability, lower maintenance and superior balance.
- 360-Degree directional exhaust.
- Feather start trigger for added safety and control.
- Low profile head improves access to tight areas.
- Quick release for easy socket changes.
- Forward/reverse control ring positioned away from ratcheting head for greater usability.
- Non-slip textured rubber grip.

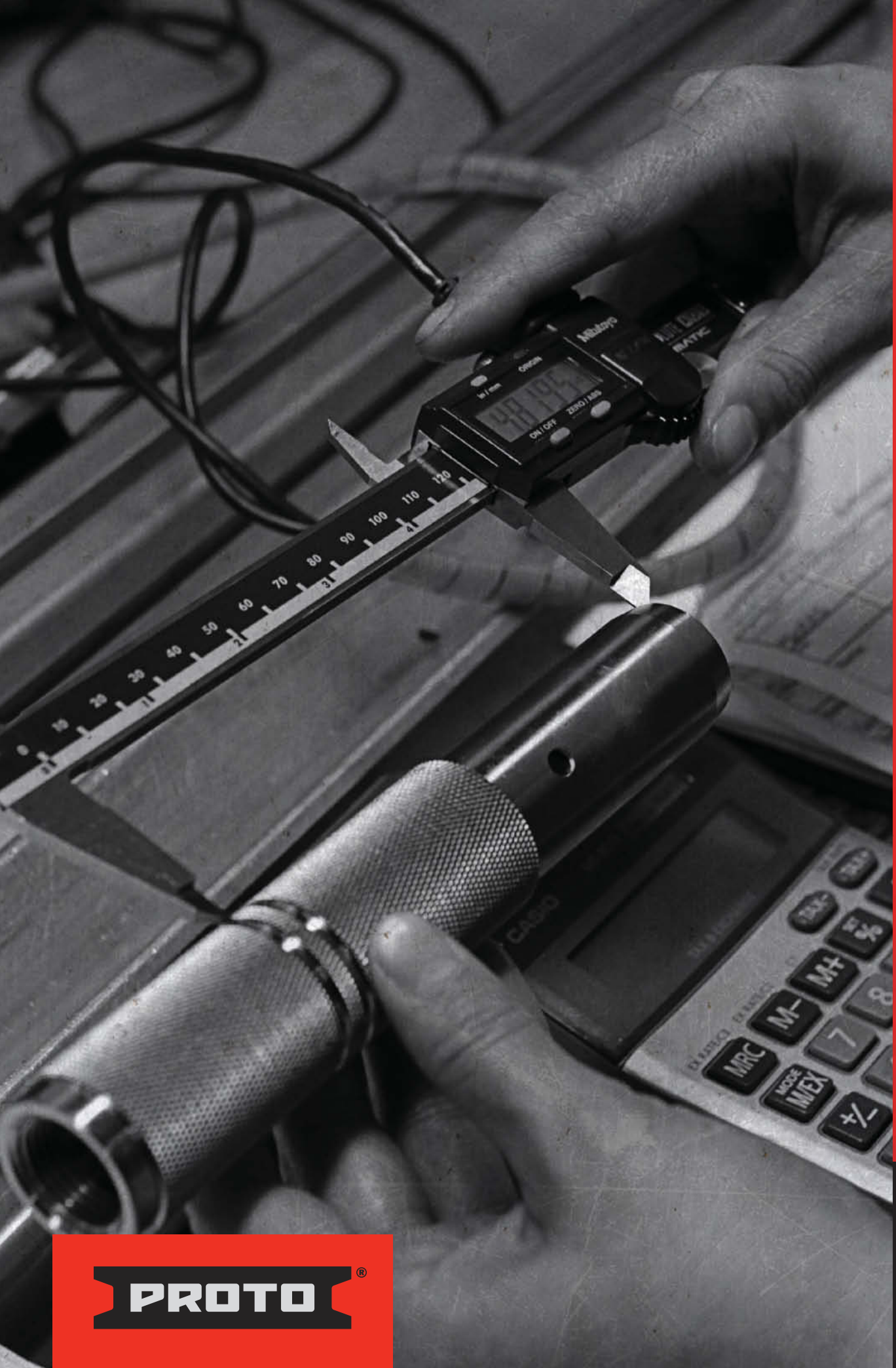
Product #	Drive Size (in)	Max. Torque (ft-lbs)	Average Air Consumption (cfm)	Free Speed (rpm)	Vibration Level (m/s^2)	Noise Level (dB(A))	Overall Length (in)	Weight (lbs)
J138RSH	3/8	65	3.70	350	5.57	89.30	12.40	2.90
J150RSH	1/2	65	3.70	350	5.57	89.30	12.40	2.90

MINI DIE GRINDER



- Tool free power adjustment.
- Precision collet for accurate material removal.
- New design throttle with lockout allows for better control.
- Four different heads available.
- Comfort rubber grip keeps users hand isolated as unit gets cold from use.
- 360° Rotating exhaust allows user to direct exhaust away from body.

Product #	Type	Motor Power (hP)	Speed (rpm)	Overall Length (in)	Weight (lbs)
J325AGS	1/4" Straight	0.30	30,000	6.30	1.00
J325AGAH90	1/4" 90°	0.30	23,000	6.50	1.20
J325AGAH120	1/4" 120°	0.30	24,000	7.50	1.20
J325AGSE	1/4" Extended	0.30	28,000	10.30	1.50



REFERENCE

PROTO®

DECIMAL EQUIVALENTS OF MILLIMETER, FRACTIONAL AND NUMBER DRILL SIZES

1 mm = 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. IN. EQU.	FRACTIONAL	MILLIMETER	DEC. IN. EQU.	FRACTIONAL	MILLIMETER	DEC. IN. EQU.	FRACTIONAL	MILLIMETER	DEC. IN. EQU.	FRACTIONAL	MILLIMETER	DEC. IN. EQU.	FRACTIONAL
0.10	.0039		1.75	.0689		–	.1570		6.80	.2677		10.72	.4219	27/64"
0.15	.0059		–	.0700		4.00	.1575		6.90	.2716		11.00	.4330	
0.20	.0079		1.80	.0709		–	.1590		–	.2720		11.11	.4375	7/16"
0.25	.0098		1.85	.0728		–	.1610		7.00	.2756		11.50	.4528	
0.30	.0118		–	.0730		4.10	.1614		–	.2770		11.51	.4531	29/64"
–	.0135		1.90	.0748		4.20	.1654		7.10	.2795		11.91	.4687	15/32"
0.35	.0138		–	.0760		–	.1660		–	.2811		12.00	.4724	
–	.0145		1.95	.0767		4.25	.1673		7.14	.2812	9/32"	12.30	.4843	31/64"
0.39	.0156	1/64"	1.98	.0781	5/64"	4.30	.1693		7.20	.2835		12.50	.4921	
0.40	.0157		–	.0785		–	.1695		7.25	.2854		12.70	.5000	1/2"
–	.0160		2.00	.0787		4.37	.1719	11/64"	7.30	.2874		3.00	.5118	
0.45	.0177		2.05	.0807		–	.1730		–	.2900		13.10	.5156	33/64"
–	.0180		–	.0810		4.40	.1732		7.40	.2913		13.49	.5312	17/32"
0.50	.0197		–	.0820		–	.1770		–	.2950		13.50	.5315	
–	.0200		2.10	.0827		4.50	.1771		7.50	.2953		13.89	.5469	35/64"
–	.0210		2.15	.0846		–	.1800		7.54	.2968	19/64"	14.00	.5512	
0.55	.0217		–	.0860		4.60	.1811		7.60	.2992		14.29	.5625	9/16"
–	.0225		2.20	.0866		–	.1820		–	.3020		14.50	.5709	
0.60	.0236		2.25	.0885		4.70	.1850		7.70	.3031		14.68	.5781	37/64"
–	.0240		–	.0890		4.75	.1870		7.75	.3051		15.00	.5906	
–	.0250		2.30	.0905		4.76	.1875	3/16"	7.80	.3071		15.08	.5937	19/32"
0.65	.0256		2.35	.0925		4.80	.1890		7.90	.3110		15.48	.6094	39/64"
–	.0260		–	.0935		–	.1910		7.94	.3125	5/16"	15.50	.6102	
–	.0280		2.38	.0937	3/32"	4.90	.1929		8.00	.3150		15.88	.6250	5/8"
0.70	.0286		2.40	.0945		–	.1935		–	.3160		16.00	.6299	
–	.0292		–	.0960		–	.1960		8.10	.3189		16.27	.6406	41/64"
0.75	.0295		2.45	.0964		5.00	.1968		8.20	.3228		16.50	.6496	
–	.0310		–	.0980		–	.1990		–	.3230		16.67	.6562	21/32"
0.79	.0312	1/32"	2.50	.0984		5.10	.2008		8.25	.3248		17.00	.6693	
0.80	.0315		–	.0995		–	.2010		8.30	.3268		17.06	.6719	43/64"
–	.0320		–	.1015		5.16	.2031	13/64"	8.33	.3281	21/64"	17.46	.6875	11/16"
–	.0330		2.60	.1024		–	.2040		8.40	.3307		17.50	.6890	
0.85	.0335		–	.1040		5.20	.2047		–	.3320		17.86	.7031	45/64"
–	.0350		2.70	.1063		–	.2055		8.50	.3346		18.00	.7087	
0.90	.0354		–	.1065		5.25	.2067		8.60	.3386		18.26	.7187	23/32"
–	.0360		2.75	.1082		5.30	.2086		–	.3390		18.50	.7283	
–	.0370		2.78	.1094	7/64"	–	.2090		8.70	.3425		18.65	.7344	47/64"
0.95	.0374		–	.1100		5.40	.2126		8.73	.3437	11/32"	19.00	.7480	
–	.0380		2.80	.1102		–	.2130		8.75	.3445		19.05	.7500	3/4"
–	.0390		–	.1110		5.50	.2165		8.80	.3465		19.45	.7656	49/64"
1.00	.0394		–	.1130		5.56	.2187	7/32"	–	.3480		19.50	.7677	
–	.0400		2.90	.1141		5.60	.2205		8.90	.3504		19.84	.7812	25/32"
–	.0410		–	.1160		–	.2210		9.00	.3543		20.00	.7874	
1.05	.0413		3.00	.1181		5.70	.2244		–	.3580		20.24	.7969	51/64"
–	.0420		–	.1200		5.75	.2263		9.10	.3583		20.50	.8071	
–	.0430		3.10	.1220		–	.2280		9.13	.3594	23/64"	20.64	.8125	13/16"
1.10	.0433		3.18	.1250	1/8"	5.80	.2283		9.20	.3622		21.00	.8268	
1.15	.0452		3.20	.1260		5.90	.2323		9.25	.3641		21.03	.8281	53/64"
–	.0465		3.25	.1279		–	.2340		9.30	.3661		21.43	.8437	27/32"
1.19	.0469	3/64"	–	.1285		5.95	.2344	15/64"	–	.3680		21.50	.8465	
1.20	.0472		3.30	.1299		6.00	.2362		9.40	.3701		21.83	.8594	55/64"
1.25	.0492		3.40	.1338		–	.2380		9.50	.3740		22.00	.8661	
1.30	.0512		–	.1360		6.10	.2401		9.53	.3750	3/8"	22.23	.8750	7/8"
–	.0520		3.50	.1378		–	.2420		–	.3770		22.50	.8858	
1.35	.0531		–	.1405		6.20	.2441		9.60	.3780		22.62	.8906	57/64"
–	.0550		3.57	.1406	9/64"	6.25	.2460		9.70	.3819		23.00	.9055	
1.40	.0551		3.60	.1417		6.30	.2480		9.75	.3838		23.02	.9062	29/32"
1.45	.0570		–	.1440		6.35	.2500	1/4"	9.80	.3858		23.42	.9219	59/64"
1.50	.0591		3.70	.1457		6.40	.2520		–	.3860		23.50	.9252	
–	.0595		–	.1470		6.50	.2559		9.90	.3898		23.81	.9375	15/16"
1.55	.0610		3.75	.1476		–	.2570		9.92	.3906	25/64"	24.00	.9449	
1.59	.0625	1/16"	–	.1495		6.60	.2598		10.00	.3937		24.21	.9531	61/64"
1.60	.0629		3.80	.1496		–	.2610		–	.3970		24.50	.9646	
–	.0635		–	.1520		6.70	.2638		–	.4040		24.61	.9687	31/32"
1.65	.0649		3.90	.1535		6.75	.2656	17/64"	10.32	.4062	13/32"	25.00	.9843	
1.70	.0669		–	.1540		6.75	.2657		–	.4130		25.03	.9844	63/64"
–	.0670		3.97	.1562	5/32"	–	.2660		10.50	.4134		25.40	1.0000	1"

BOLT SIZING CHART

NOMINAL OPENING SIZES OF PROTO® WRENCHES OR SOCKETS IN INCHES 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 screwat top of vertical column. The size in this particular box is the nominal opening size in inches of the PROTO® wrench and sockets that will fit.

American Standards Association–ASA B18.2, Appendix I

NUTS: Use Wrench or Socket Size Shown Below				
THREAD DIAMETER OF NUT	FINISHED SERIES & FINISHED THICK NUTS	REGULAR SERIES HEX & SQUARE NUTS	HEAVY SERIES HEX & SQUARE NUTS	MACHINE SCREW NUTS & STOVE BOLT NUTS
#0 & 1	–	–	–	5/32"
#2 & 3	–	–	–	3/16"
#4	–	–	–	1/4"
#5 & 6	–	–	–	5/16"
#8	–	–	–	11/32"
#10	–	–	–	3/8"
#12	–	–	–	7/16"
1/4"	7/16"	7/16"	1/2"	7/16"
5/16"	1/2"	9/16"	9/16"	9/16"
3/8"	9/16"	5/8"	11/16"	5/8"
7/16"	11/16"	3/4"	3/4"	–
1/2"	3/4"	13/16"	7/8"	–
9/16"	7/8"	7/8"	15/16"	–
5/8"	15/16"	1"	1-1/16"	–
3/4"	11/8"	11/8"	1-1/4"	–
7/8"	15/16"	15/16"	1-7/16"	–
1"	1-1/2"	1-1/2"	1-5/8"	–
1-1/8"	1-11/16"	1-11/16"	1-13/16"	–
1-1/4"	1-7/8"	1-7/8"	2"	–
1-3/8"	2-1/16"	2-1/16"	2-3/16"	–
1-1/2"	2-1/4"	2-1/4"	2-3/8"	–
1-5/8"	2-7/16"	2-7/16"	2-9/16"	–
1-3/4"	2-5/8"	2-5/8"	2-3/4"	–
1-7/8"	2-13/16"	2-13/16"	2-15/16"	–
2"	3"	3"	3-1/8"	–
2-1/4"	3-3/8"	3-3/8"	3-1/2"	–
2-1/2"	3-3/4"	3-3/4"	3-7/8"	–
2-3/4"	4-1/8"	4-1/8"	4-1/4"	–
3"	4-1/2"	4-1/2"	4-5/8"	–
3-1/4"	–	–	5"	–
3-1/2"	–	–	5-3/8"	–
3-3/4"	–	–	5-3/4"	–
4"	–	–	6-1/2"	–
4-1/4"	–	–	6-1/2"	–
4-1/2"	–	–	6-7/8"	–
4-3/4"	–	–	7-1/4"	–
5"	–	–	7-5/8"	–
5-1/4"	–	–	8"	–
5-1/2"	–	–	8-3/8"	–
5-3/4"	–	–	8-3/4"	–
6"	–	–	9"	–

BOLTS & SCREWS: Use Wrench or Socket Size Shown Below				
REGULAR & FINISHED SERIES HEX & SQUARE HEAD BOLTS	HEAVY SERIES HEX & SQUARE HEAD BOLTS	LAG SCREWS	SQUARE HEAD SET SCREWS	THREAD DIAMETER OF BOLT OF SCREW
–	–	–	#0 & 1	–
–	–	–	#2 & 3	–
–	–	–	#4	–
–	–	–	#5 & 6	–
–	–	–	#8	–
–	5/16"	3/16"	#10	–
–	–	7/32"	#12	–
*3/8"-1/4"	–	3/8"	1/4"	1/4"
1/2"	–	1/2"	5/16"	5/16"
9/16"	–	9/16"	3/8"	3/8"
5/8"	–	5/8"	7/16"	7/16"
3/4"	7/8"	3/4"	1/2"	1/2"
13/16"	–	–	9/16"	9/16"
15/16"	11/16"	15/16"	5/8"	5/8"
1-1/8"	1-1/4"	1-1/8"	3/4"	3/4"
1-5/16"	1-7/16"	1-5/16"	7/8"	7/8"
1-1/2"	1-5/8"	1-1/2"	1"	1"
1-11/16"	1-13/16"	1-11/16"	1-1/8"	1-1/8"
1-7/8"	2"	1-7/8"	1-1/4"	1-1/4"
2-1/16"	2-3/16"	–	1-3/8"	1-3/8"
2-1/4"	2-3/8"	–	1-1/2"	1-1/2"
2-7/16"	2-9/16"	–	–	1-5/8"
2-5/8"	2-3/4"	–	–	1-3/4"
2-13/16"	2-15/16"	–	–	1-7/8"
3"	3-1/8"	–	–	2"
3-3/8"	3-1/2"	–	–	2-1/4"
3-3/4"	3-7/8"	–	–	2-1/2"
4-1/8"	4-1/4"	–	–	2-3/4"
4-1/2"	4-5/8"	–	–	3"
4-7/8"	–	–	–	3-1/4"
5-1/4"	–	–	–	3-1/2"
5-5/8"	–	–	–	3-3/4"
6"	–	–	–	4"

**Regular Square Bolts Only.*

CONVERSION FROM FRACTIONAL INCHES TO MILLIMETERS

INCH		MM	INCH		MM
1/64	0.0156	0.3968	33/64	0.5156	13.0968
1/32	0.0312	0.7937	17/32	0.5312	13.4937
3/64	0.0468	1.1906	35/64	0.5468	13.8906
1/16	0.0625	1.5875	9/16	0.5625	14.2875
5/64	0.0781	1.9843	37/64	0.5781	14.6843
3/32	0.0937	2.3812	19/32	0.5937	15.0812
7/64	0.1093	2.7781	39/64	0.6093	15.4781
1/8	0.1250	3.1750	5/8	0.6250	15.8750
9/64	0.1406	3.5718	41/64	0.6406	16.2718
5/32	0.1562	3.9687	21/32	0.6562	16.6687
11/64	0.1718	4.3656	43/64	0.6718	17.0656
3/16	0.1875	4.7625	11/16	0.6875	17.4625
13/64	0.2031	5.1593	45/64	0.7031	17.8593
7/32	0.2187	5.5562	23/32	0.7187	18.2562
15/64	0.2343	5.9531	47/64	0.7343	18.6531
1/4	0.2500	6.3500	3/4	0.7500	19.0500
17/64	0.2656	6.7468	49/64	0.7656	19.4468
9/32	0.2812	7.1437	25/32	0.7812	19.8437
19/64	0.2968	7.5406	51/64	0.7968	20.2406
5/16	0.3125	7.9375	13/16	0.8125	20.6375
21/64	0.3281	8.3343	53/64	0.8281	21.0343
11/32	0.3437	8.7312	27/32	0.8437	21.4312
23/64	0.3593	9.1281	55/64	0.8593	21.8281
3/8	0.3750	9.5250	7/8	0.8750	22.2250
25/64	0.3906	9.9218	57/64	0.8906	22.6218
13/32	0.4062	10.3187	29/32	0.9062	23.0187
27/64	0.4218	10.7156	59/64	0.9218	23.4156
7/16	0.4375	11.1125	15/16	0.9375	23.8125
29/64	0.4531	11.5093	61/64	0.9531	24.2093
15/32	0.4687	11.9062	31/32	0.9687	24.6062
31/64	0.4843	12.3031	63/64	0.9843	25.0031
1/2	0.5000	12.7000	1	1.0000	25.4000

NOTE: All values in this table are exact.

CONVERSION FROM FT-LBS TO METER-KILOGRAMS

The chart below can be used to convert foot pounds to meter-kilograms. The foot-pound column at the left increases in 10 ft-lb increments from 0 to 110 ft-lbs For each additional ft-lb, read the top row of numbers.

Example: If you desire 45 ft-lbs, you would look to the number 40 in the left column and the number 5 in the top row. The conversion to meter-kilograms would be 6.22 m-kgs. For your use, the conversion formula is:

FT-LBS x .1383=METER-KILOGRAMS

Ft Lbs	0 M-kgs	1 M-kgs	2 M-kgs	3 M-kgs	4 M-kgs	5 M-kgs	6 M-kgs	7 M-kgs	8 M-kgs	9 M-kgs
0	0	0.14	0.28	0.42	0.55	0.69	0.83	0.97	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	8.99	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	11.06	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	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

CONVERSION FROM MILLIMETERS TO INCHES

MM	INCH	MM	INCH	MM	INCH
1	0.0393	36	1.4173	71	2.7952
2	0.0787	37	1.4566	72	2.8346
3	0.1181	38	1.4960	73	2.8740
4	0.1574	39	1.5354	74	2.9133
5	0.1968	40	1.5748	75	2.9527
6	0.2362	41	1.6141	76	2.9921
7	0.2755	42	1.6535	77	3.0314
8	0.3149	43	1.6929	78	3.0708
9	0.3543	44	1.7322	79	3.1102
10	0.3937	45	1.7716	80	3.1496
11	0.4330	46	1.8110	81	3.1889
12	0.4724	47	1.8503	82	3.2283
13	0.5118	48	1.8897	83	3.2677
14	0.5511	49	1.9291	84	3.3070
15	0.5905	50	1.9685	85	3.3464
16	0.6299	51	2.0078	86	3.3858
17	0.6692	52	2.0472	87	3.4251
18	0.7086	53	2.0866	88	3.4645
19	0.7480	54	2.1259	89	3.5039
20	0.7874	55	2.1653	90	3.5433
21	0.8267	56	2.2047	91	3.5826
22	0.8661	57	2.2440	92	3.6220
23	0.9055	58	2.2834	93	3.6614
24	0.9448	59	2.3228	94	3.7007
25	0.9842	60	2.3622	95	3.7401
26	1.0236	61	2.4015	96	3.7795
27	1.0629	62	2.4409	97	3.8188
28	1.1023	63	2.4803	98	3.8582
29	1.1417	64	2.5196	99	3.8976
30	1.1811	65	2.5590	100	3.9370
31	1.2204	66	2.5984		
32	1.2598	67	2.6377		
33	1.2992	68	2.6771		
34	1.3385	69	2.7165		
35	1.3779	70	2.7559		

FORMULA TO CONVERT MM to INCHES: Divide 25.4 Into Known MM.

NOTE: The inch values in this table are rounded off.

CONVERSION FROM DECIMAL INCHES TO MILLIMETERS

INCH	MM	INCH	MM	INCH	MM
1	25.4	36	914.4	71	1,803.4
2	50.8	37	939.8	72	1,828.8
3	76.2	38	965.2	73	1,854.2
4	101.6	39	990.6	74	1,879.6
5	127.0	40	1,016.0	75	1,905.0
6	152.4	41	1,041.4	76	1,930.4
7	177.8	42	1,066.8	77	1,955.8
8	203.2	43	1,092.2	78	1,981.2
9	228.6	44	1,117.6	79	2,006.6
10	254.0	45	1,143.0	80	2,032.0
11	279.4	46	1,168.4	81	2,057.4
12	304.8	47	1,193.8	82	2,082.8
13	330.2	48	1,219.2	83	2,108.2
14	355.6	49	1,244.6	84	2,133.6
15	381.0	50	1,270.0	85	2,159.0
16	406.4	51	1,295.4	86	2,184.4
17	431.8	52	1,320.8	87	2,209.8
18	457.2	53	1,346.2	88	2,235.2
19	482.6	54	1,371.6	89	2,260.6
20	508.0	55	1,397.0	90	2,286.0
21	533.4	56	1,422.4	91	2,311.4
22	558.8	57	1,447.8	92	2,336.8
23	584.2	58	1,473.2	93	2,362.2
24	609.6	59	1,498.6	94	2,387.6
25	635.0	60	1,524.0	95	2,413.0
26	660.4	61	1,549.4	96	2,438.4
27	685.8	62	1,574.8	97	2,463.8
28	711.2	63	1,600.2	98	2,489.2
29	736.6	64	1,625.6	99	2,514.6
30	762.0	65	1,651.0	100	2,540.0
31	787.4	66	1,676.4		
32	812.8	67	1,701.8		
33	838.2	68	1,727.2		
34	863.6	69	1,752.6		
35	889.0	70	1,778.0		

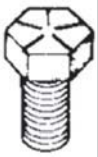
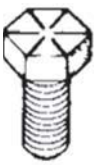
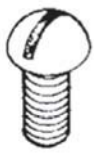
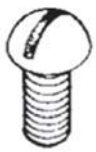
NOTE: All values in this table are exact.

STANDARD TORQUE VALUE CHART

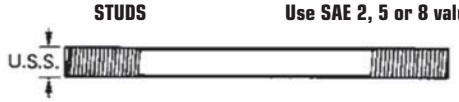
There is no difference in the above chart between the torque figures for fine or coarse threads. The torque figures for a finely-threaded fastener as compared to a coarsely-threaded fastener of the same diameter may be slightly higher but hardly worth mentioning.

CAUTION

There are many varying factors which affect torque. The above estimated torque calculations are only offered as a guide. Use of its content by anyone is the sole responsibility of that person and they assume all the risk. Refer to fastener manufacturers recommendations for proper use and application.

FASTENER	TYPE	MIN. TENSILE STRENGTH	MATERIAL	BODY SIZE OR OUTSIDE DIAMETER OF FASTENER																			
				2	3	4	5	6	8	10	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2
	SAE 2	74,000 PSI	Low Carbon Steel								6 ft-lb	12 ft-lb	20 ft-lb	32 ft-lb	47 ft-lb	69 ft-lb	96 ft-lb	155 ft-lb						
	SAE 5	120,000 PSI	Medium Carbon Heat Treat Steel								10 ft-lb	19 ft-lb	33 ft-lb	54 ft-lb	78 ft-lb	114 ft-lb	154 ft-lb	257 ft-lb	382 ft-lb	587 ft-lb	794 ft-lb	1105 ft-lb	1500 ft-lb	1775 ft-lb
	SAE 7	133,000 PSI	Medium Carbon Alloy Steel								13 ft-lb	25 ft-lb	44 ft-lb	71 ft-lb	110 ft-lb	154 ft-lb	215 ft-lb	360 ft-lb	570 ft-lb	840 ft-lb	1325 ft-lb	1825 ft-lb	2500 ft-lb	3000 ft-lb
	SAE 8	150,000 PSI	Medium Carbon Alloy Steel								14 ft-lb	29 ft-lb	47 ft-lb	78 ft-lb	119 ft-lb	169 ft-lb	230 ft-lb	380 ft-lb	600 ft-lb	900 ft-lb	1430 ft-lb	1975 ft-lb	2650 ft-lb	3200 ft-lb
	Socket Head Cap Screw	160,000 PSI	High Carbon Case Hardened Steel								16 ft-lb	33 ft-lb	54 ft-lb	84 ft-lb	125 ft-lb	180 ft-lb	250 ft-lb	400 ft-lb	640 ft-lb	970 ft-lb	1520 ft-lb	2130 ft-lb	2850 ft-lb	3450 ft-lb
	Socket Set Screw	212,000 PSI	High Carbon Case Hardened Steel					9 in-lb	16 in-lb	30 in-lb	70 in-lb	140 in-lb	18 ft-lb	29 ft-lb	43 ft-lb	63 ft-lb	100 ft-lb	146 ft-lb						
	Machine Screw Yellow Brass	60,000 PSI	Copper (Cu) 63% Zinc (Zn) 37%	2 in-lb	3.3 in-lb	4.4 in-lb	6.4 in-lb	8 in-lb	16 in-lb	20 in-lb	65 in-lb	110 in-lb	17 ft-lb	27 ft-lb	37 ft-lb	49 ft-lb	78 ft-lb	104 ft-lb	160 ft-lb	215 ft-lb	325 ft-lb	400 ft-lb		595 ft-lb
	Silicone Bronze Type "B"	70,000 PSI	Copper (Cu) 96% Zinc (Zn) 2% Silicon (Si) 2%	2.3 in-lb	3.7 in-lb	4.9 in-lb	7.2 in-lb	10 in-lb	19 in-lb	22 in-lb	70 in-lb	125 in-lb	20 ft-lb	30 ft-lb	41 ft-lb	53 ft-lb	88 ft-lb	117 ft-lb	180 ft-lb	250 ft-lb	365 ft-lb	450 ft-lb		655 ft-lb

STUDS **Use SAE 2, 5 or 8 values when grade is known, with a nut of sufficient strength**



INCH WRENCH SIZING CHART

NOMINAL OPENING SIZES OF PROTO® WRENCHES OR SOCKETS IN INCHES TO FIT STANDARD BOLT HEADS, NUTS AND SCREWHEADS

BOLTS–SCREWS									
WRENCH OR SOCKET SIZE		SQUARE & 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
ACROSS FLATS	DECIMAL EQUIV.								
1/8"	0.1250	–	–	–	#1 & 2	#2 & 3	#1 & 2	#2 & 3	–
5/32"	0.1562	–	–	–	–	–	–	–	–
3/16"	0.1875	–	–	–	#3,4,5	#4 & 5	#3,4,5	#4 & 5	#10
1/4"	0.2500	–	–	–	#6,7,8	#6,7,8	#6 & 8	#6 & 8	1/4"
9/32"	0.2812	#10	–	–	–	–	–	–	–
5/16"	0.3125	–	–	–	#10 & 12	#10 & 12	#10 & 12	#10 & 12	5/16"
11/32"	0.3438	–	–	–	–	–	–	–	–
3/8"	0.3750	1/4"	–	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"
7/16"	0.4375	1/4"	–	–	–	–	–	–	7/16"
1/2"	0.5000	5/16"	–	5/16"	5/16"	5/16"	5/16"	5/16"	1/2"
9/16"	0.5625	3/8"	–	3/8"	3/8"	3/8"	3/8"	3/8"	9/16"
5/8"	0.6250	7/16"	–	7/16"	–	–	–	–	5/8"
11/16"	0.6875	–	–	–	–	–	–	–	–
3/4"	0.7500	1/2"	–	1/2"	–	–	–	–	3/4"
13/16"	0.8125	9/16"	–	9/16"	–	–	–	–	–
7/8"	0.8750	–	1/2"	–	–	–	–	–	7/8"
15/16"	0.9375	5/8"	–	5/8"	–	–	–	–	–
1"	1.0000	–	–	–	–	–	–	–	1"
1-1/16"	1.0625	–	5/8"	–	–	–	–	–	–
1-1/8"	1.1250	3/4"	–	3/4"	–	–	–	–	1-1/8"
1-1/4"	1.2500	–	3/4"	–	–	–	–	–	1-1/4"
1-5/16"	1.3125	7/8"	–	–	–	–	–	–	–
1-3/8"	1.3750	–	–	–	–	–	–	–	1-3/8"
1-7/16"	1.4375	–	7/8"	–	–	–	–	–	–
1-1/2"	1.5000	1"	–	–	–	–	–	–	1-1/2"
1-5/8"	1.6250	–	1"	–	–	–	–	–	–
1-11/16"	1.6875	1-1/8"	–	–	–	–	–	–	–
1-13/16"	1.8125	–	1-1/8"	–	–	–	–	–	–
1-7/8"	1.8750	1-1/4"	–	–	–	–	–	–	–
2"	2.0000	–	1-1/4"	–	–	–	–	–	–
2-1/16"	2.0625	1-3/8"	–	–	–	–	–	–	–
2-3/16"	2.1875	–	1-3/8"	–	–	–	–	–	–
2-1/4"	2.2500	1-1/2"	–	–	–	–	–	–	–
2-3/8"	2.3750	–	1-1/2"	–	–	–	–	–	–
2-7/16"	2.4375	1-5/8"	–	–	–	–	–	–	–
2-9/16"	2.5625	–	1-5/8"	–	–	–	–	–	–
2-5/8"	2.6250	1-3/4"	–	–	–	–	–	–	–
2-3/4"	2.7500	–	1-3/4"	–	–	–	–	–	–
2-13/16"	2.8125	1-7/8"	–	–	–	–	–	–	–
2-15/16"	2.9375	–	1-7/8"	–	–	–	–	–	–
3"	3.0000	2"	–	–	–	–	–	–	–
3-1/8"	3.1250	–	2"	–	–	–	–	–	–
3-3/8"	3.3750	2-1/4"	–	–	–	–	–	–	–
3-1/2"	3.5000	–	2-1/4"	–	–	–	–	–	–
3-3/4"	3.7500	2-1/2"	–	–	–	–	–	–	–
3-7/8"	3.8750	–	2-1/2"	–	–	–	–	–	–
4-1/8"	4.1250	2-3/4"	–	–	–	–	–	–	–
4-1/4"	4.2500	–	2-3/4"	–	–	–	–	–	–
4-1/2"	4.5000	3"	–	–	–	–	–	–	–
4-5/8"	4.6250	–	3"	–	–	–	–	–	–
4-7/8"	4.8750	3-1/4"	–	–	–	–	–	–	–
5"	5.0000	–	3-1/4"	–	–	–	–	–	–
5-1/4"	5.2500	3-1/2"	–	–	–	–	–	–	–
5-3/8"	5.3750	–	3-1/2"	–	–	–	–	–	–
5-5/8"	5.6250	3-3/4"	–	–	–	–	–	–	–
5-3/4"	5.7500	–	3-3/4"	–	–	–	–	–	–
6"	6.0000	4"	–	–	–	–	–	–	–
6-1/8"	6.1250	–	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"	–	–	–	–	–	–

NUTS								
SQUARE NUTS & HEAVY SQUARE NUTS	TRACK, HEAVY HEX & SQUARE, FLAT & JAM NUTS	ARE MACHINE SCREW NUTS	HEX NUTS & FLAT CASTLE, SLOTTED & HAM HEX NUTS	HEX FLANGE NUTS	TRACK BOLT NUTS	HEX LOCK NUTS	WRENCH OR SOCKET SIZE	
							ACROSS FLATS	DECIMAL EQUIV.
–	–	–	–	–	–	–	1/8"	0.1250
–	–	#0 & 1	–	–	–	–	5/32"	0.1562
–	–	#2 & 3	–	–	–	–	3/16"	0.1875
–	–	#4	–	–	–	#4	1/4"	0.2500
–	–	–	–	–	–	–	9/32"	0.2812
–	–	#5 & 6	–	#6	–	#6	5/16"	0.3125
–	–	#8	–	#8	–	#8	11/32"	0.3438
–	–	#10	–	#10	–	#10	3/8"	0.3750
1/4"	–	#12 & 14	1/4"	#12 & 14	–	#12 & 14	7/16"	0.4375
1/4"	1/4"	–	5/16"	5/16"	–	5/16"	1/2"	0.5000
5/16"	5/16"	5/16"	3/8"	3/8"	–	3/8"	9/16"	0.5625
3/8"	–	3/8"	–	–	–	–	5/8"	0.6250
3/8"	3/8"	–	7/16"	7/16"	–	7/16"	11/16"	0.6875
7/16"	7/16"	–	1/2"	1/2"	–	1/2"	3/4"	0.7500
1/2"	–	–	–	–	–	–	13/16"	0.8125
1/2"	1/2"	–	9/16"	9/16"	–	9/16"	7/8"	0.8750
–	9/16"	–	5/8"	5/8"	–	5/8"	15/16"	0.9375
5/8"	–	–	–	–	–	–	1"	1.0000
5/8"	5/8"	–	–	–	–	–	1-1/16"	1.0625
3/4"	–	–	3/4"	3/4"	–	3/4"	1-1/8"	1.1250
3/4"	3/4"	–	–	–	3/4" & 13/16"	–	1-1/4"	1.2500
7/8"	–	–	7/8"	–	–	7/8"	1-5/16"	1.3125
–	–	–	–	–	–	–	1-3/8"	1.3750
7/8"	7/8"	–	–	–	7/8"	–	1-7/16"	1.4375
1"	–	–	1"	–	15/16" & 1"	1"	1-1/2"	1.5000
1"	1"	–	–	–	1" & 1-1/16"	–	1-5/8"	1.6250
1-1/8"	–	–	1-1/8"	–	1-1/8"	1-1/8"	1-11/16"	1.6875
1-1/8"	1-1/8"	–	–	–	1-1/8"	–	1-13/16"	1.8125
1-1/4"	–	–	1-1/4"	–	–	1-1/4"	1-7/8"	1.8750
1-1/4"	1-1/4"	–	–	–	–	–	2"	2.0000
1-3/8"	–	–	1-3/8"	–	–	1-3/8"	2-1/16"	2.0625
1-3/8"	1-3/8"	–	–	–	–	–	2-3/16"	2.1875
1-1/2"	–	–	1-1/2"	–	–	1-1/2"	2-1/4"	2.2500
1-1/2"	1-1/2"	–	–	–	–	–	2-3/8"	2.3750
–	–	–	–	–	–	–	2-7/16"	2.4375
–	1-5/8"	–	–	–	–	–	2-9/16"	2.5625
–	–	–	–	–	–	–	2-5/8"	2.6250
–	1-3/4"	–	–	–	–	–	2-3/4"	2.7500
–	–	–	–	–	–	–	2-13/16"	2.8125
–	1-7/8"	–	–	–	–	–	2-15/16"	2.9375
–	–	–	–	–	–	–	3"	3.0000
–	2"	–	–	–	–	–	3-1/8"	3.1250
–	–	–	–	–	–	–	3-3/8"	3.3750
–	2-1/4"	–	–	–	–	–	3-1/2"	3.5000
–	–	–	–	–	–	–	3-3/4"	3.7500
–	2-1/2"	–	–	–	–	–	3-7/8"	3.8750
–	-–	–	–	–	–	–	4-1/8"	4.1250
–	2-3/4"	–	–	–	–	–	4-1/4"	4.2500
–	–	–	–	–	–	–	4-1/2"	4.5000
–	3"	–	–	–	–	–	4-5/8"	4.6250
–	–	–	–	–	–	–	4-7/8"	4.8750
–	3-1/4"	–	–	–	–	–	5"	5.0000
–	3-1/2"	–	–	–	–	–	5-1/4"	5.2500
–	3-1/2"	–	–	–	–	–	5-3/8"	5.3750
–	3-3/4"	–	–	–	–	–	5-5/8"	5.6250
–	3-3/4"	–	–	–	–	–	5-3/4"	5.7500
–	4"	–	–	–	–	–	6"	6.0000
–	4"	–	–	–	–	–	6-1/8"	6.1250
–	–	–	–	–	–	–	6-1/2"	6.5000
–	–	–	–	–	–	–	6-7/8"	6.8750
–	–	–	–	–	–	–	7-1/4"	7.2500
–	–	–	–	–	–	–	7-5/8"	7.6250
–	–	–	–	–	–	–	8"	8.0000
–	–	–	–	–	–	–	8-3/8"	8.3750
–	–	–	–	–	–	–	8-3/4"	8.7500
–	–	–	–	–	–	–	9-1/8"	9.1250

METRIC WRENCH SIZING CHART

NOMINAL OPENING SIZES OF PROTO® WRENCHES OR SOCKETS IN INCHES TO FIT STANDARD BOLT HEADS, NUTS AND SCREWHEADS

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 in this particular box is the nominal opening size in inches of the PROTO® wrench and sockets that will fit.

American Standards Association–ASA B18.2, Appendix I

BOLTS: Use Wrench or Socket Size Shown Below			
WRENCH OR SOCKET SIZE ACROSS FLATS	HEX BOLTS	HEAVY HEX BOLTS	HEAVY HEX STRUCTURAL BOLTS
3.20	–	–	–
4.00	–	–	–
5.00	–	–	–
5.50	–	–	–
6.00	–	–	–
7.00	–	–	–
8.00	M5 x 0.8	–	–
10.00	M6 x 1	–	–
13.00	M8 x 1.25	–	–
15.00	M10 x 1.5	–	–
16.00	M10 x 1.5	–	–
18.00	M12 x 1.75	–	–
21.00	M14 x 2	M12 x 1.75	–
24.00	M16 x 2	M14 x 2	–
27.00	–	M16 x 2	M16 x 2
30.00	M20 x 2.5	–	–
34.00	–	M20 x 2.5	M20 x 2.5
36.00	M24 x 3	–	M22 x 2.5
41.00	–	M24 x 3	M24 x 3
46.00	M30 x 3.5	–	M27 x 3
50.00	–	M30 x 3.5	M30 x 3.5
55.00	M36 x 4	–	–
60.00	–	M36 x 4	M36 x 4
65.00	M42 x 4.5	–	–
70.00	–	–	–
75.00	M48 x 5	–	–
80.00	–	–	–
85.00	M56 x 5.5	–	–
90.00	–	–	–
95.00	M64 x 6	–	–
100.00	–	–	–
105.00	M72 x 6	–	–
110.00	–	–	–
115.00	M80 x 6	–	–
120.00	–	–	–
130.00	M90 x 6	–	–
135.00	–	–	–
145.00	M100 x 6	–	–
150.00	–	–	–

NUTS: Use Wrench or Socket Size Shown Below				
HEX NUTS STYLE 1	HEX NUTS STYLE 1	SLOTTED & HAM HEX NUTS	HEAVY HEX NUTS	WRENCH OR SOCKET SIZE ACROSS FLATS
M1.6 x 0.35	–	–	–	3.20
M2 x 0.4	–	–	–	4.00
M2.5 x 0.45	–	–	–	5.00
M3 x 0.5	M3 x 0.5	–	–	5.50
M3.5 x 0.6	M3.5 x 0.6	–	–	6.00
M4 x 0.7	M4 x 0.7	–	–	7.00
M5 x 0.8	M5 x 0.8	M5 x 0.8	–	8.00
M6 x 1	M6 x 1	M6 x 1	–	10.00
M8 x 1.25	M8 x 1.25	M8 x 1.25	–	13.00
M10 x 1.5	M10 x 1.5	M10 x 1.5	–	15.00
M10 x 1.5	M10 x 1.5	M10 x 1.5	–	16.00
M12 x 1.75	M12 x 1.75	M12 x 1.75	–	18.00
M14 x 2	M14 x 2	M14 x 2	M12 x 1.75	21.00
M16 x 2	M16 x 2	M16 x 2	M14 x 2	24.00
–	–	–	M16 x 2	27.00
M20 x 2.5	M20 x 2.5	M20 x 2.5	–	30.00
–	–	–	M20 x 2.5	34.00
M24 x 3	M24 x 3	M24 x 3	M22 x 2.5	36.00
–	–	–	M24 x 3	41.00
M30 x 3.5	M30 x 3.5	M30 x 3.5	M27 x 3	46.00
–	–	–	M30 x 3.5	50.00
M36 x 4	M36 x 4	M36 x 4	–	55.00
–	–	–	M36 x 4	60.00
–	–	–	–	65.00
–	–	–	M42 x 4.5	70.00
–	–	–	–	75.00
–	–	–	M48 x 5	80.00
–	–	–	–	85.00
–	–	–	M56 x 5.5	90.00
–	–	–	–	95.00
–	–	–	M64 x 6	100.00
–	–	–	–	105.00
–	–	–	M72 x 6	110.00
–	–	–	–	115.00
–	–	–	M80 x 6	120.00
–	–	–	–	130.00
–	–	–	M90 x 6	135.00
–	–	–	–	145.00
–	–	–	M100 x 6	150.00

STANDARD TORQUE VALUE CHART FOR METRIC FASTENERS (TORQUE—KILO-NEWTON)

CONVERSION GUIDANCE

- Class 4.6 is approximately equal to SAE Grade 1, and ASTM A307, Grade A.
- Class 5.8 is approximately equal to SAE Grade 2.
- Class 8.8 is approximately equal to SAE Grade 5, and ASTM A449.
- Class 9.8 has properties approximately 9 percent stronger than SAE Grade 5, and ASTM A449.
- Class 10.9 is approximately equal to SAE Grade 8, and ASTM A354, Grade BD.

CLASS	4.6	4.8	5.8	8.8	9.8	10.9	12.9
PROOF LOAD MPA	225	310	380	600	650	830	970
M1.6x0.35 (0.063)	–	0.39	–	–	0.83	–	1.23
M2x0.4 (0.079)	–	0.64	–	–	1.35	–	2.01
M2.5x0.45 (0.098)	–	1.05	–	–	2.20	–	3.29
M3x0.5 (0.118)	–	1.56	–	–	3.27	–	4.88
M3.4x0.6 (0.138)	–	2.10	–	–	4.41	–	6.58
M4x0.7 (0.157)	–	2.72	–	–	5.71	–	8.52
M5x0.8 (0.197)	3.20	4.40	5.40	–	9.23	11.80	13.80
M6.3x1 (0.248)	5.09	7.01	8.59	–	14.70	18.80	21.90
M8x1.25 (0.315)	8.24	11.30	13.90	–	23.80	30.40	35.50
M10x1.5 (0.394)	13.10	18.00	22.00	–	37.70	48.10	56.30
M12x1.75 (0.472)	19.00	26.10	32.00	–	54.80	70.00	81.80
M14x2 (0.551)	25.90	35.70	43.70	–	74.80	95.40	112.00
M16x2 (0.630)	35.30	48.70	59.70	94.20	102.00	130.00	152.00
M20x2.5 (0.787)	55.10	–	93.10	147.00	–	203.00	238.00
M24x3 (0.945)	79.40	–	134.00	212.00	–	293.00	342.00
M30x3.5 (1.181)	126.00	–	–	337.00	–	466.00	544.00
M36x4 (1.417)	184.00	–	–	490.00	–	678.00	792.00

NEWTON METER TORQUE VALUE CONVERSIONS

NOTE: The International Metric System measures torque in Newton meters (Nm).
A Newton is defined as the force necessary to move one kilogram one meter per second.

FROM FT-LB TO NM

Ft Lb	0 Nm	1 Nm	2 Nm	3 Nm	4 Nm	5 Nm	6 Nm	7 Nm	8 Nm	9 Nm
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	135.58									

ft-lb x 1.3558 = Nm

FROM NM TO FT-LB

Nm	0 ft-lb	1 ft-lb	2 ft-lb	3 ft-lb	4 ft-lb	5 ft-lb	6 ft-lb	7 ft-lb	8 ft-lb	9 ft-lb
0	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	27.29	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									

Nm x 0.73756 = ft-lb

FROM IN-LB TO NM

In Lb	0 Nm	1 Nm	2 Nm	3 Nm	4 Nm	5 Nm	6 Nm	7 Nm	8 Nm	9 Nm
0	0	0.11	0.22	0.33	0.45	0.56	0.67	0.79	0.90	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 = Nm

FROM NM TO IN-LB

Nm	0 in-lb	1 in-lb	2 in-lb	3 in-lb	4 in-lb	5 in-lb	6 in-lb	7 in-lb	8 in-lb	9 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	593.00	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	787.72
90	796.56	805.41	814.26	823.12	831.97	840.82	849.67	858.52	867.37	876.22
100	885.07									

Nm x 8.8507 = in-lb

FROM IN-OZ TO NM

In Oz	0 Nm	1 Nm	2 Nm	3 Nm	4 Nm	5 Nm	6 Nm	7 Nm	8 Nm	9 Nm
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	.324	.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	.614	.621	.628
90	.635	.642	.650	.657	.664	.671	.678	.685	.692	.699
100	.706									

in-oz x .00706 = Nm

FROM NM TO IN-OZ

Nm	.00 in-oz	.01 in-oz	.02 in-oz	.03 in-oz	.04 in-oz	.05 in-oz	.06 in-oz	.07 in-oz	.08 in-oz	.09 in-oz
0.0	0	1.42	2.83	4.25	5.66	7.08	8.50	9.91	11.33	12.74
0.1	14.16	15.58	16.99	18.41	19.83	21.24	22.66	24.07	25.49	26.91
0.2	28.32	29.74	31.15	32.57	33.99	35.40	36.82	38.23	39.65	41.07
0.3	42.48	43.90	45.32	46.73	48.15	49.56	50.98	52.40	53.81	55.23
0.4	56.64	58.06	59.48	60.89	62.31	63.72	65.14	66.56	67.97	69.39
0.5	70.81	72.22	73.64	75.05	76.47	77.89	79.30	80.72	82.13	83.55
0.6	84.97	86.41	87.80	89.21	90.63	92.05	93.46	94.88	96.30	97.71
0.7	99.13	100.54	101.96	103.38	104.79	106.21	107.62	109.04	110.46	111.87
0.8	113.29	114.70	116.12	117.54	118.95	120.37	121.79	123.20	124.62	126.03
0.9	127.45	128.87	130.28	131.70	133.11	134.53	135.95	137.36	138.78	140.19
1.0	141.61									

Nm x 141.6119 = in-oz

FROM M-KG TO NM

M Kg	0 Nm	1 Nm	2 Nm	3 Nm	4 Nm	5 Nm	6 Nm	7 Nm	8 Nm	9 Nm
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	558.95	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 kpm) x 9.80665 = Nm

FROM NM TO M-KG

Nm	0 m-kg	1 m-kg	2 m-kg	3 m-kg	4 m-kg	5 m-kg	6 m-kg	7 m-kg	8 m-kg	9 m-kg
0	0	0.102	0.204	0.306	0.408	0.510	0.611	0.714	0.816	0.918
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									

Nm x .10197 = m-kg (or kpm)

TORQUE VALUE CONVERSIONS

NOTE: One meter kilogram is equal to one meter kilopond (expressed as: 1 m-kg - 1kpm)

FROM IN-LB TO IN-OZ

In Lb	0 in-oz	1 in-oz	2 in-oz	3 in-oz	4 in-oz	5 in-oz	6 in-oz	7 in-oz	8 in-oz	9 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	1136	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

In Oz	0 in-lb	1 in-lb	2 in-lb	3 in-lb	4 in-lb	5 in-lb	6 in-lb	7 in-lb	8 in-lb	9 in-lb
0	0	0.063	0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.563
10	0.625	0.688	0.750	0.813	0.875	0.938	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

Ft Lb	0 in-lb	1 in-lb	2 in-lb	3 in-lb	4 in-lb	5 in-lb	6 in-lb	7 in-lb	8 in-lb	9 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

In Lb	0 ft-lb	1 ft-lb	2 ft-lb	3 ft-lb	4 ft-lb	5 ft-lb	6 ft-lb	7 ft-lb	8 ft-lb	9 ft-lb
0	0	0.083	0.167	0.250	0.333	0.417	0.500	0.583	0.667	0.750
10	0.833	0.917	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

In Lb	0 cm-kg	1 cm-kg	2 cm-kg	3 cm-kg	4 cm-kg	5 cm-kg	6 cm-kg	7 cm-kg	8 cm-kg	9 cm-kg
0	0	1.15	2.30	3.45	4.60	5.76	6.91	8.06	9.21	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	100.20	101.40	102.60
90	103.70	104.90	106.10	107.20	108.30	109.50	110.70	111.80	112.90	114.10
100	115.20									

in-lb x 1.152 = cm-kg

FROM CM-KG TO IN-LB

Cm Kg	.00 ft-lb	.01 ft-lb	.02 ft-lb	.03 ft-lb	.04 ft-lb	.05 ft-lb	.06 ft-lb	.07 ft-lb	.08 ft-lb	.09 ft-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

Ft Lb	0 m-kg	1 m-kg	2 m-kg	3 m-kg	4 m-kg	5 m-kg	6 m-kg	7 m-kg	8 m-kg	9 m-kg
0	0	0.138	0.277	0.415	0.553	0.691	0.830	0.968	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

M Kg	0 ft-lb	1 ft-lb	2 ft-lb	3 ft-lb	4 ft-lb	5 ft-lb	6 ft-lb	7 ft-lb	8 ft-lb	9 ft-lb
0	0	7.23	14.47	21.70	28.93	36.17	43.40	50.63	57.86	65.10
10	72.40	79.6	86.8	94.0	101.3	108.5	115.7	123.0	130.2	137.4
20	144.70	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	282.1
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	419.2	426.7
60	434.0	441.2	448.4	455.7	462.9	470.1	477.7	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

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DIYBL 33

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Except as specified below, PROTO Industrial Tools, a business unit of Stanley Black & Decker, Inc. ("PROTO") warrants any of its PROTO®-branded products, including products sold by the PROTO Industrial Tools that are marketed as products "by PROTO," for as long as the original purchaser owns the product against defects in material or workmanship.

1-YEAR LIMITED WARRANTY (DIE GRINDERS, TORQUE WRENCHES, TORQUE MULTIPLIERS AND TORQUE TESTERS)

Die Grinders, Torque Wrenches, Torque Multipliers and Torque Testers are warranted for one (1) year, except for calibration which is warranted for ninety (90) days from date of purchase or date of delivery of the product (whichever date is later). Torque products can be repaired and recalibrated for a nominal charge at any PROTO or DEWALT Factory Service Center or any other such location as may be designated by PROTO. Defects in material or workmanship will be repaired or replaced at no cost: all other repairs will be at a nominal charge. Torque products are precise measuring devices that require care in handling. PROTO recommends that all Torque Wrenches be recalibrated once a year or more, depending on usage.

2-YEAR LIMITED WARRANTY (AIR IMPACT TOOLS)

Air Impact Tools are warranted for a period of two (2) years from the original purchase or delivery date (whichever is later). Our obligation to the original purchaser shall be repairing or replacing, at our expense (not including shipping charges) a defective tool if returned by the original purchaser within two (2) years following the date of purchase or date of delivery of the product (whichever date is later), all incoming shipping charges prepaid. THIS LIMITED WARRANTY DOES NOT COVER DEFECTS OR DAMAGES TO THE TOOL (i) after the warranty period expires; (ii) resulting from misuse or abnormal operation; (iii) resulting from a failure to properly lubricate, maintain or operate the tool; or (iv) resulting from any damage or defect caused by repair or maintenance services performed or attempted by any party other than PROTO at a PROTO or DEWALT Factory Service Center or a person authorized by PROTO to provide repair and maintenance services for this tool.

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SOME STATES AND COUNTRIES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE AND COUNTRY TO COUNTRY.

ADDITIONAL LIMITED TERM AND LIMITED LIFETIME WARRANTY DISCLAIMERS AND LIMITATION

- Does not extend to products that have been damaged or rendered defective as a result of repair or service by any entity other than PROTO or a person authorized by PROTO to provide repair and maintenance services.
- Does not cover the following categories of products: universal sockets, universal joints, thin-wall impact sockets, adapters, and retaining rings.
- Does not cover damage due to ordinary wear and tear.
- PROTO makes no representations beyond those contained in the Limited Lifetime and Limited Term Warranty statements expressed above.
- Employees and agents of PROTO have no authority to make representations of any sort beyond those contained in the Limited Lifetime and Limited Term Warranty statements expressed above.

EXCLUSIVE REMEDY AND CLAIM PROCEDURE

- Distributors of record must act as a return agent.
- The exclusive remedy under this Limited Lifetime Warranty for products determined to be deficient in materials or workmanship by PROTO is repair or replacement with a reconditioned tool of equal value by PROTO.
- The selected remedy is at the sole discretion of PROTO. In no event shall PROTO be responsible for more than the original purchase price of the product.

QUESTIONS

- Should you have any questions, contact PROTO Customer Service at 1-800-800-TOOL (8665) or inquiry@sbdinc.com. This product is not intended for commercial use, and accordingly, such commercial use of this product will void this warranty.

REPAIR CENTER LOCATIONS

WEST COAST:

Factory Service Center
3120 West California Ave, Suite E
Salt Lake City, UT 84104
801-486-5828

EAST COAST:

Factory Service Center
6115 Jimmy Carter Blvd, Suite C
Norcross, GA 30071
770-246-1710

CENTRAL REGION:

Factory Service Center
10245 W. Little York Rd, Suite 300
Houston, TX 77040-3228
713-466-1194

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