

# **TOOLS UNLIMITED**

***PRESENTS***

***A PREMIUM HAND TOOL LINE***

***EQUIVELANT TO***

***PROTO SK ARMSTRONG***

***But WITHOUT THE HIGH PRICE***

# **URREA**

**PROFESSIONAL TOOLS**

# URREA

## IMPACT SOCKETS AND ACCESSORIES

### 1/4" DRIVE SOCKETS SETS WITH ACCESSORIES



### 3/8" DRIVE SOCKETS SETS WITH ACCESSORIES



### 1/2" DRIVE SOCKETS SETS WITH ACCESSORIES



### 3/4" DRIVE SOCKETS SETS WITH ACCESSORIES



### 1" DRIVE SOCKETS SETS WITH ACCESSORIES



### 1 1/2" DRIVE SOCKETS SETS WITH ACCESSORIES



### 2 1/2" DRIVE SOCKETS SETS WITH ACCESSORIES



Impact sockets are tools used to tighten or loosen nuts, bolts, and other fasteners in situations where it is necessary to apply more torque force or pressure than can be applied with hand accessories. Often used with power tools, fasteners come in hexagonal shape. Impact sockets are particularly useful in applications when fasteners are in spaces or areas where an impact or lug nut wrench can't reach, such as automobile engines, internal machinery parts, structures, heavy industry, the petroleum industry and similar applications. This makes URREA impact sockets indispensable tools for industry and automotive service.

There are also specialty sockets, used primarily in automotive service, for inserting and removing parts such as wheel studs for sport rims or studs with stripped threads. These sockets have a fastening system with a pin that prevents the socket from coming loose from the handle or accessory due to the force applied, so the assembly is secure.

The sockets included in this section are called impact sockets, because they are driven by handles and accessories with a striking action, such as pneumatic impact pistols, pneumatic ratchets, and pneumatic screwdrivers. URREA pneumatic impact tools are included in section 14.

- Fabricated using high-quality micro-alloy steel, hot or cold forged depending on their size. Precision machined and heat-treated to provide the best combination of hardness, tensile strength and torque strength.
- The socket openings incorporate the SUPER DRIVE® design to make them even tougher.
- All URREA impact sockets have a tough blued finish. For FOD (Foreign Object Debris) applications, the use of sockets with a blued finish is recommended so that no coating will flake off.
- Compliant with American and European domestic and international standards.
- Country of origin stamped permanently and indelibly on each tool, reinforcing their high-quality image. This country of origin stamp complies with ASME / ANSI standards and the regulations of the Federal Trade Commission of the United States of America.

### URREA impact sockets and accessories:

- Offer a very wide variety with about 330 sockets.
  - In short (standard) and long (deep) configurations.
  - Available in 6-point or 4-point openings
  - In fractional and metric sizes.
  - Available in 1/4", 3/8", 1/2", 3/4", 1", 1 1/2" and 2 1/2" square drives.
- Include a wide variety of manual handles and accessories.
- Grouped and combined in more than 30 sets offered in practical clip-and-rail organizers that allow them to be transported and kept organized.



### The information presented in this chapter is organized as follows:

- Technical standards.
- Super Drive design.
- Manufacturing process.
- Quick selection guide.
- Detailed product specifications.
- Safety recommendations.

## IMPACT SOCKETS AVAILABLE

### TYPE I SOCKETS

- The narrower bolt end makes working in tight spaces easier.
- Ideal for working on nuts or bolts near a wall or in a box.
- Designed especially to meet standard socket opening diameter specifications.



### TYPE II SOCKETS

- Can be used in tight spaces.
- Reach the nut or bolt more easily and work easily with the handle.
- Convenient for working with nuts or bolts that are not located in deep narrow cavities.



### TYPE III SOCKETS

- Narrower drive end makes them easy to use, since the wall is the right thickness for working with pneumatic tools.
- Narrower base reduces the socket's weight to make your work easier.



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### DEEP TYPE I SOCKETS

- Make work in tight spaces easier.
- Ideal for working on nuts or bolts near a wall or in a box.
- Designed especially to meet standard socket opening diameter specifications.



### DEEP TYPE II SOCKETS

- Access to deep spaces.
- Designed for use with nuts with long protruding bolt stems or screw ends.
- Eliminates the use of extensions.



### DOUBLE-MOUTH SOCKETS

- Used primarily for changing tires or wheels, have two mouths with different sizes on the same socket.



## URREA CODING GUIDE

### IMPACT SOCKETS

SQUARE DRIVE SIZE	FRACTIONAL	METRIC	
	CODE	CODE	
1/4"	69XXH	69XXM	The XX represent the hex or 6-point hex size in 32nds of an inch. Example: 7412H = 12/32" = 3/8"
3/8"	72XXH	72XXM	
1/2"	74XXH	74XXM	
3/4"	75XXH	75XXM	
1"	100XXH	100XXM	
1 1/2"	150XX		
2 1/2"	250XX		

### DEEP IMPACT SOCKETS

SQUARE DRIVE SIZE	DEEP FRACTIONAL	DEEP METRIC	
	CODE	CODE	
1/4"	65XXH	65XXMH	The XX in the codes ending with M represent the size of the hex in millimeters. Example: 7010M = 10 millimeters
3/8"	77XXH	70XXM	
1/2"	73XXH	73XXM	
3/4"	75XXH	75XXML	
1"	100XXH		

## GUIDE TO SYMBOLS

- Handles with 1/4" square drive
- Handles with 3/8" square drive
- Handles with 1/2" square drive
- Handles with 3/4" square drive
- Handles with 1" square drive
- Handles with 1 1/2" square drive
- Handles with 2 1/2" square drive
- 6-point hex fractional
- 6-point hex metric

- 6-point hex
- Female
- Male
- Metal box
- Blow molded case
- Packing material
- Plastic socket holder
- Rail and clips
- Metal tray

- Cardboard box
- Pouch
- Impact socket (std), Type I (bolt end smaller)
- Impact socket (std), Type II (straight)
- Impact socket (std), Type III (drive end smaller)
- Deep impact socket, Type I (bolt end smaller)
- Deep impact socket, Type II (straight)
- Double-mouth impact socket

- Impact adapter with 1" drive
- Impact adapter
- Impact universal joint
- Short (standard) impact extension
- Long impact extension

SUPER DRIVE

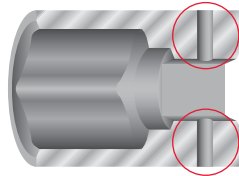
The hex wall thickness lets impact sockets withstand the forces to which they are subjected, but the male and female square drive sizes are the same as for the hand sockets and accessories (chromium coated). This means that sometimes hand sockets are used with pistols or other impact accessories, with the risk of causing an accident.

ASME/ANSI standard B 107.2 allows the following optional TYPES OF SQUARE DRIVES—female (for sockets) and male (for accessories)—for the various types of impact sockets described on the preceding page.

**FEMALE SQUARE DRIVE ATTACHMENT METHODS FOR IMPACT SOCKETS**

**THROUGH-HOLE, NO GROOVE**

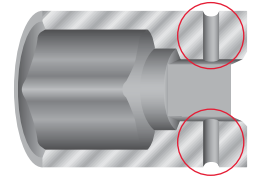
This type of socket has a borehole that passes through the walls of the female drive end. Accessories with bearings or floating pins can be assembled to the socket in two possible positions.



THROUGH-HOLE,  
NO GROOVE

**THROUGH-HOLE WITH GROOVE**

This type of socket is similar to the preceding one but also has a groove around the circumference of the socket where an O-ring can be placed to hold a pin inserted through the borehole so that the pin cannot come out.

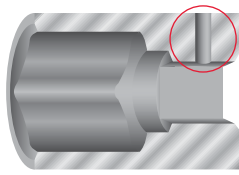


THROUGH-HOLE  
WITH GROOVE



**BOREHOLE IN ONE WALL, NO GROOVE**

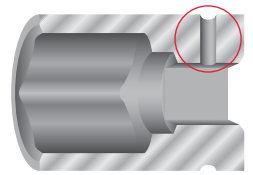
This type of socket is better suited for use with accessory drives that have a bearing or floating pin. In this case the bearing or floating pin in the accessory's male drive penetrates in the side borehole of the socket's female drive to hold it during use.



BOREHOLE IN ONE  
WALL, NO GROOVE

**BOREHOLE IN ONE WALL WITH GROOVE**

This is the same as the preceding type but also has a groove in the exterior surface of the drive as described for type 2 above, to hold a short pin in place with an O-ring.

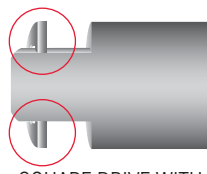


BOREHOLE IN ONE  
WALL WITH GROOVE

**MALE SQUARE DRIVE ATTACHMENT METHODS FOR IMPACT ACCESSORIES OR PISTOLS**

**SQUARE DRIVE WITH END RING**

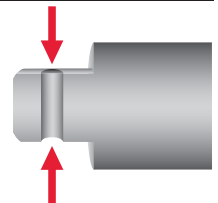
This type of drive is best suited to any type of female socket drive. The socket is held by the contraction and expansion of a tempered ring placed on the end of the male drive as shown. When the accessory's male drive is inserted under pressure into the socket, the ring contracts and maintains pressure on the interior surfaces of the socket's female drive.



SQUARE DRIVE WITH  
END RING

**SQUARE DRIVE WITH THROUGH-HOLE**

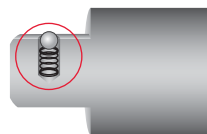
This is intended for use with sockets that have a borehole passing through both walls and a groove on the exterior surface.



SQUARE DRIVE WITH  
THROUGH-HOLE

**SQUARE DRIVE WITH BEARING AND SPRING**

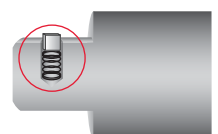
The drive has a bearing that engages with the socket's drive.



SQUARE DRIVE WITH  
BEARING AND SPRING

**SQUARE DRIVE WITH PIN AND SPRING**

The drive has a floating pin that engages with the socket's drive.



SQUARE DRIVE WITH  
PIN AND SPRING



URREA manufactures tools in accordance with product technical standards.

A product technical standard is a document that specifies design and manufacturing guidelines in order to ensure adequate product performance.

The only organization to issue international standards is known as ISO (International Organization for Standardization), which develops the ISO 9000 series regarding quality systems, but it also issues product technical standards. In the United States, various associations issue or have issued standards, such as GSA/US FEDERAL, ASME, and ANSI, and in Europe. The DIN (DIN – Deutsches Institut für Normung e.V.), and the German Institute for Standardization, groups together various organizations and commissions dedicated to promoting standardization and quality of products marketed in Germany.

The Federal standards for hand tools are no longer being updated and are being taken over by ASME, and the same thing is occurring with standards that used to be issued by ANSI.

Currently, ASME standards for hand tools are initially reviewed by committees made up of different tool manufacturers, users and marketers, and subsequently approved and issued by ASME.

SAE standards (especially those applicable to the aerospace industry) are very strict, usually demanding tools with smaller dimensions and greater strength.



## STANDARDS APPLICABLE TO IMPACT SOCKETS, HANDLES, AND ACCESSORIES

**Deutsches Institut für Normung e.V.**

DIN3129: "Power square drive sockets wrenches"

**ASME** **ANSI**  
American National Standards Institute

B107.2 "Sockets wrenches, Extensions, Adaptors, and Universal Joints, Power Drive"  
B107.33M "Metric Impact Sockets"  
B107.4M "Driving and spindle ends for portable hand, impact air, and electric tools"  
B107.3 "Sockets Wrenches Power Drive"

**ISO** International Organization for Standardization

ISO 2725-2 "Assembly tools for screws and nuts Square drive sockets- Part 2: Machine operated sockets ("impact"); Dimensions"  
ISO 1174 "Driving Squares for Power Sockets, Wrenches"

**GSA**

GGG-660A "Socket, socket wrench and attachments (for power driven impact wrenches)"

## SPECIFICATIONS FOR DESIGNING AND MANUFACTURING IMPACT SOCKETS AND ACCESSORIES

One relevant aspect of compliance with ASME standard B 107.2 regarding impact sockets and accessories is marking, because it is through this process that a tool can be identified by the user, and supported and guaranteed by the manufacturer.

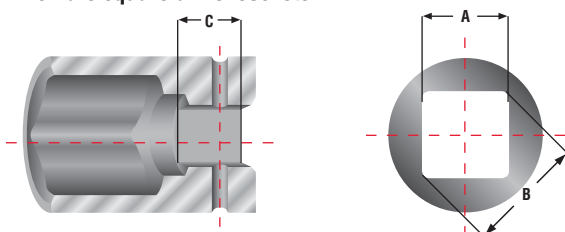
### Marked per ASME B107.2, B107.33M

"Impact sockets, handles, and accessories must be marked permanently with the name of the manufacturer or distributor. The brand and the country of origin should be marked in a legible and permanent manner."

## DIMENSIONS OF ASME B107.4M HANDLE DRIVES

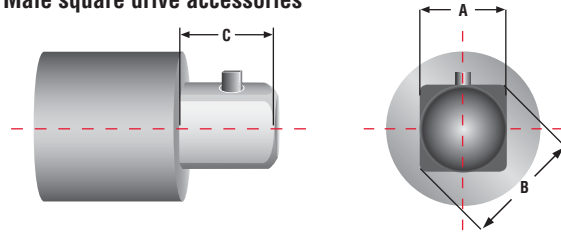
An impact socket is designed to attach onto handles and accessories that are used as the source of power or as extensions when torque is applied. These elements are joined by means of a standardized system. The dimensions of the male and female square drives are the same for both impact and hand sockets, although this does not mean that they should be interchanged.

Female square drive sockets



Size	Female square drive			
	Between planes		Between corners	Depth
	A	B	C	
	Max.	Min.	Min.	Min.
1/4"	0.2603	0.2527	0.335	0.312
3/8"	0.3853	0.3777	0.505	0.438
1/2"	0.5113	0.5027	0.670	0.625
3/4"	0.7613	0.7527	1.005	0.938
1"	1.0125	1.0035	1.350	1.125

## Male square drive accessories



Size	Male Square				Depth	
	Between planes A		Between corners B	C		
	Máx.	Min.	Máx.	Máx.	Min.	
1/4"	0.252	0.246	0.330	0.312	0.265	
3/8"	0.377	0.371	0.500	0.438	0.406	
1/2"	0.502	0.496	0.663	0.625	0.531	
3/4"	0.752	0.746	1.000	0.938	0.750	
1"	1.002	0.996	1.340	1.125	1.000	

## LENGTH SPECIFICATIONS PER ASME B107.2, B107.33M

Lengths standards: A socket may not be longer than specified if it is not a deep socket, and deep sockets must comply with a minimum length.

1/4" Square drive	Hand socket maximum length	Deep hand socket minimum length
Hex 3/16, thru 9/16	1.010	1.900

3/8" square drive	Hand socket maximum length	Deep hand socket minimum length
Hex 5/16" thru 1/2"	1.187	1.688
Hex 9/16" thru 3/4"	1.250	1.938

1/2" square drive	Hand socket maximum length	Deep hand socket minimum length
Hex 3/8", thru 3/4"	1.800	3.187
Hex 13/16"	1.812	3.187
Hex 7/8"	1.960	3.187
Hex 15/16", 1"	2.100	3.187
Hex 1 1/16" thru 1 1/4"	2.410	3.187
Hex 1 3/8" thru 1 9/16"	2.500	3.187

3/4" square drive	Hand socket maximum length	Deep hand socket minimum length
Hex 1/2", thru 3/4"	2.125	2.937
Hex 13/16", 7/8"	2.250	2.937
Hex 15/16", 1"	2.375	2.937
Hex 1", 1 5/16"	2.625	3.187
Hex 1 3/8" thru 1 7/16"	2.750	3.187
Hex 1 1/2" thru 1 5/8"	2.750	3.437
Hex 1 11/16", 1 3/4"	2.875	3.437
Hex 1 13/16", 1 7/8"	3.062	3.437
Hex 2", 2 1/16"	3.250	3.687
Hex 2", 2 3/16", 2 1/4"	3.500	3.937
Hex 2 3/8"	3.625	4.062

1" drive	Hand socket maximum length	Deep hand socket minimum length
Hex 3/4"	2.438	2.937
Hex 13/16", 7/8"	2.500	2.937
Hex 15/16", 1"	2.563	2.937
Hex 1 1/16", 1 1/8"	2.687	2.937
Hex 1 3/16", 1 1/4"	2.750	2.937
Hex 1 5/16"	2.875	3.187
Hex 1 3/8", 1 7/16"	2.938	3.187
Hex 1 1/2"	3.000	3.437
Hex 1 9/16", 1 5/8"	3.062	3.437
Hex 1 11/16" thru 1 7/8"	3.250	3.437
Hex 1 15/16"	3.375	3.625
Hex 2"	3.438	3.687
Hex 2 1/16"	3.500	3.687
Hex 2 1/8", 2 3/16"	3.563	3.937
Hex 2 1/4"	3.625	3.937
Hex 2 5/16"	3.688	4.000
Hex 2 3/8"	3.750	4.062
Hex 2 7/16"	3.875	4.325
Hex 2 1/2"	3.937	4.325
Hex 2 9/16"	4.000	4.325
Hex 2 5/8"	4.000	4.625
Hex 2 11/16"	4.125	4.625
Hex 2 3/4"	4.250	4.625
Hex 2 7/8"	4.500	4.812
Hex 2 13/16"	4.375	4.812
Hex 2 15/16"	4.625	4.812
Hex 3"	4.625	5.062
Hex 3 1/8"	4.750	5.062
Hex 3 1/4"	4.750	5.250
Hex 3 3/8"	4.750	5.437
Hex 3 1/2"	5.375	5.437

## TABLE FOR SELECTING SQUARE DRIVES FOR IMPACT EXTENSIONS DEPENDING ON THE LOAD TO BE APPLIED

Square Drive	Extensions	
	lbs / feet	inches / feet
1/4"	42	500
3/8"	100	1200
1/2"	292	3500
3/4"	750	9000
1"	1250	15000

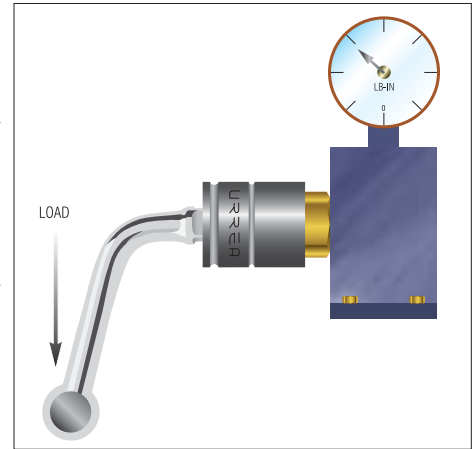
NOTE: This table is taken from standard 107-10M.

Black finish prevents corrosion and presents no risk of surface chipping or flaking.



Impact sockets are subjected to a torsion force applied through a chuck. A socket is considered to have failed if cracks or deformations appear in its original structure or if it will not attach to the test gauges. The load must be applied by a device that produces uniform torque.

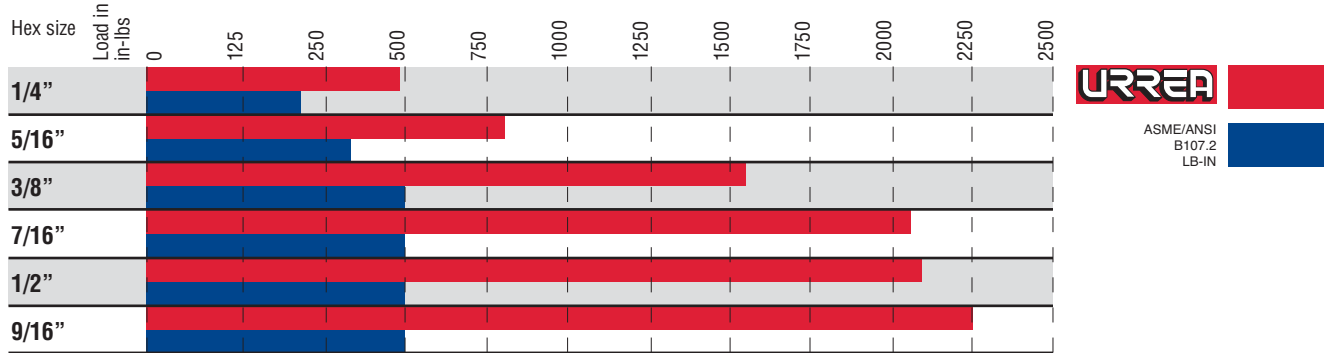
LOAD TEST CHUCK



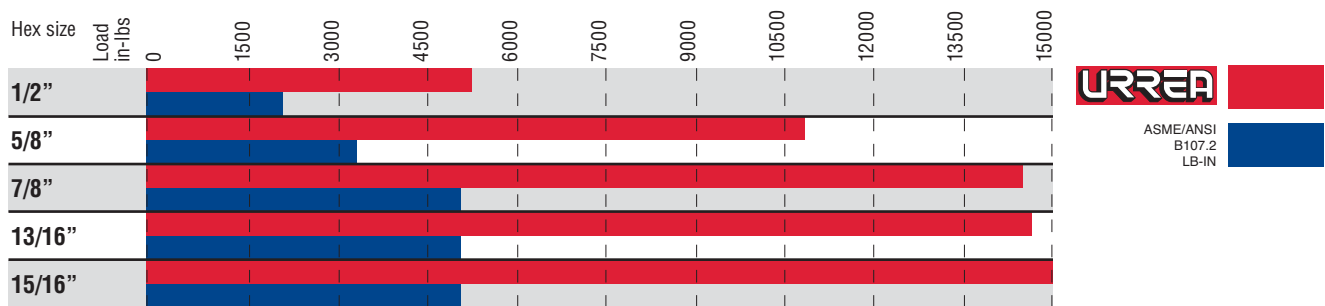
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## LOAD TEST, ASME STANDARD B107.2, B107.33M, B107.4M (STANDARD FOR IMPACT SOCKETS IN FRACTIONAL SIZES)

PERFORMANCE OF IMPACT SOCKETS WITH 1/4" DRIVE

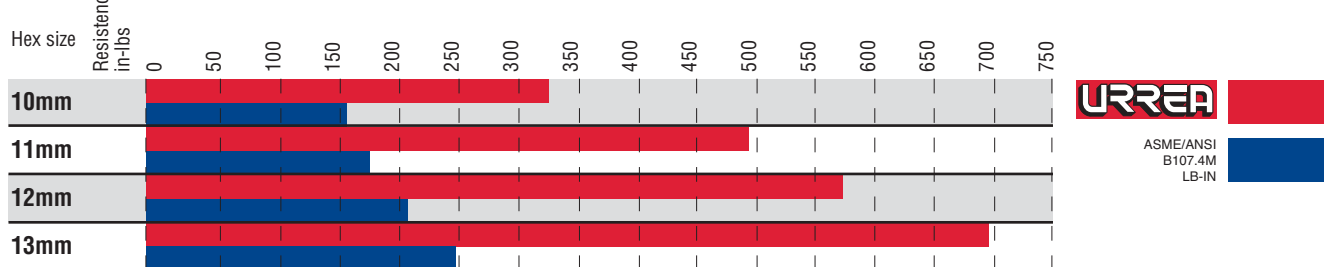


PERFORMANCE OF IMPACT SOCKETS WITH 1/2" DRIVE



## LOAD TEST PER ASME STANDARD B107.4M (STANDARD FOR METRIC IMPACT SOCKETS)

PERFORMANCE OF METRIC IMPACT SOCKETS WITH 1/2" DRIVE





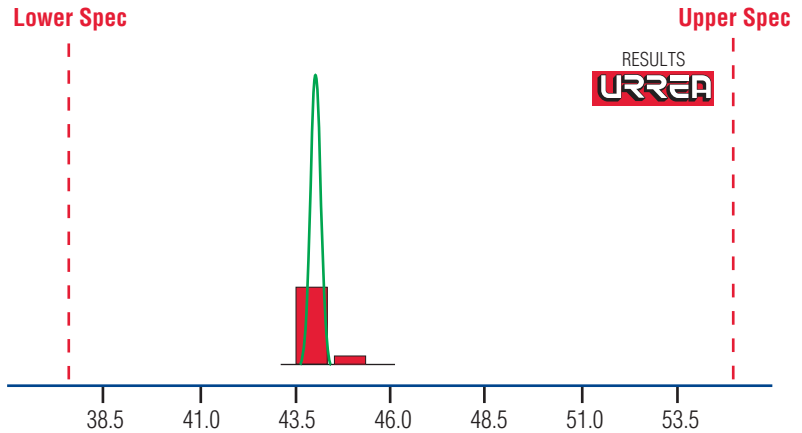
## HARDNESS TESTS, ASME STANDARD B107.2

Sockets are heat-treated in order to obtain a hardness expressed in HRC (Rockwell C) depending on the size of the handle drive, as shown in the hardness table. For this purpose, a Rockwell hardness tester is used, which has a diamond point to which a 150-kilogram load is applied (ASME 18). The results of the test depend directly on penetration of the diamond point into the item tested. When it is necessary to prepare the test surface, the amount of material removed may not exceed 0.007" for sockets with 1/4", 3/8", and 1/2" square handle drives, 0.015" for sockets with 3/4" drives and 0.010" per inch of outer diameter for sockets with 1" drives.

### HARDNESS TEST

Hardness readings obtained for Urrea sockets.  
 Hardness required according to the standard:  
 Minimum 38 HRC (hardness on Rockwell "C" scale)  
 Maximum 55 HRC (hardness on Rockwell "C" scale)

### STATISTICAL TEST OF HARDNESS READINGS OBTAINED FOR URREA IMPACT SOCKETS

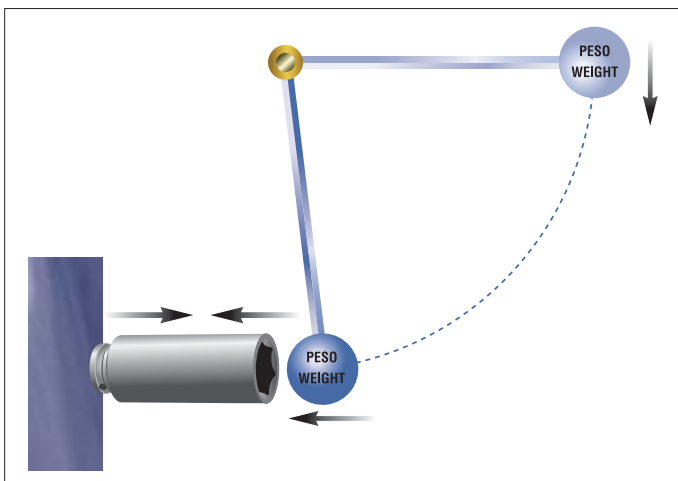


HARDNESS TABLE		
Rockwell C		
Drive size	Min.	Max.
1/4, 3/8"	38	55
1/2"	38	52
3/4"	38	50
1"	38	50

## IZOD IMPACT TEST, ASME STANDARD B107.2

This test is named for the machine on which it is run. This test is not run directly on the socket, but rather on steel test pieces with square sections that are clamped in a vise at the height of some V-shaped notches. A pendulum strikes the protruding part of the test piece, and the results are expressed in foot-pounds according to standards depending on the hardness of the test piece. The test pieces must be made of the same material as the impact sockets and must undergo the same heat-treatment as is used in the normal fabrication process.

### IZOD IMPACT TEST

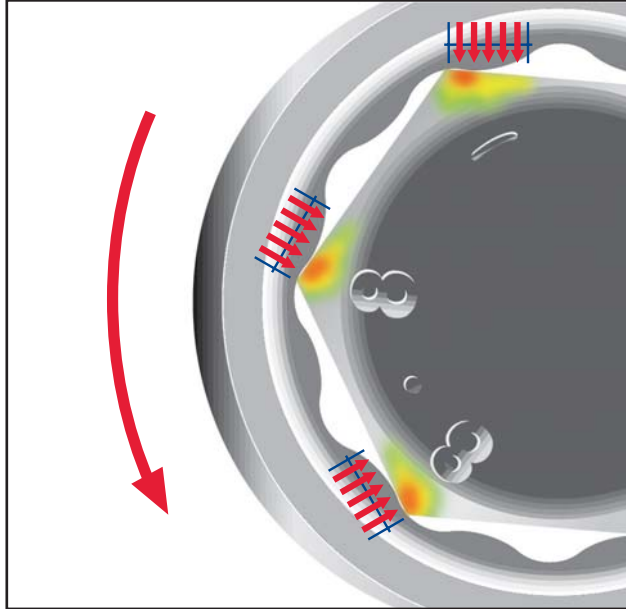


IMPACT TABLE	
TEST PIECE HARDNESS, °RC	IZOD IMPACT TEST, LB-FT
35	37
38	28
40	22
45	12
50	7

**ADVANTAGES OF THE DESIGN *SUPER DRIVE***

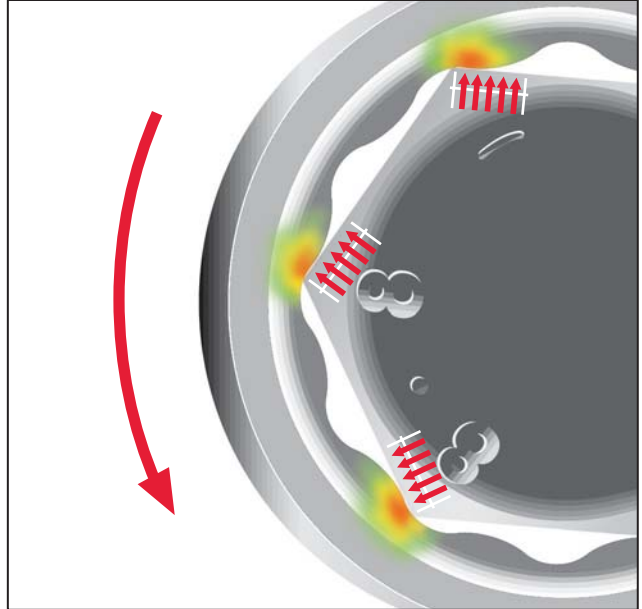
URREA sockets, which are made in accordance with the specifications of SAE standard AS954, incorporate this design into their hex, providing better tools that place less stress on screw heads and nuts while letting you apply more force without damaging fasteners. This SUPER DRIVE technology is incorporated into our sockets as well as our wrenches. Due to its design, it makes work easier by providing the following benefits:

**EFFECT ON THE NUT OR BOLT HEAD**



- When torque is applied, stress is distributed over a larger area of the nut's active faces, more toward the center instead of the corners. The vertices of the grooves disappear and the force is distributed all along the rounded or "lobed" corners. These features comply with standard AS954 (SAE) and provide a greater area of contact, requiring less effort to get the same amount of torque.
- Contact approximately 0.045" long on an active face of the nut or bolt.
- The force applied is not concentrated on the edges, which are potential failure points, but is instead distributed uniformly over the entire head of the nut or bolt.

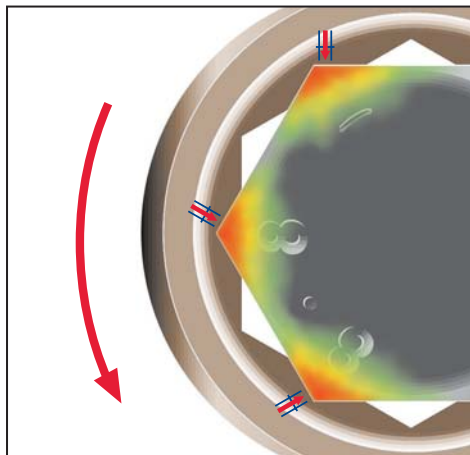
**EFFECT ON THE SOCKET**



- It is possible to reduce the outside diameter of the socket mouth, which increases its ability to apply torque without failing and permits access to narrow spaces.
- The socket hex is easier to fit onto a nut or bolt.
- Lets you turn nuts and bolts that are distorted or have deformed edges.
- Minimizes accident risks by preventing stripped nuts or bolts.
- Permits the use of greater torque on low-hardness bolts.
- Will not deform nuts or bolts.

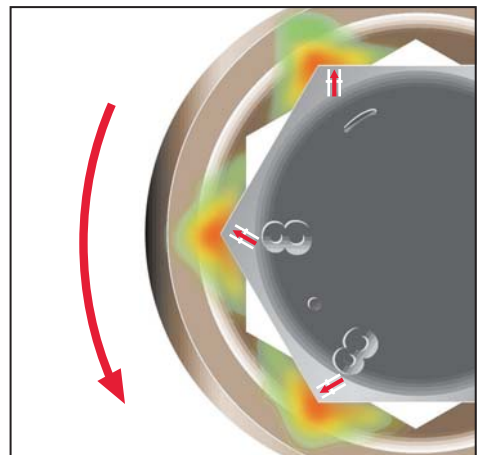
**DISADVANTAGES OF THE CONVENTIONAL DESIGN**

**EFFECT ON THE NUT OR BOLT HEAD**



- Contact only about 0.005" long on an active face of the nut or bolt.
- When torque is applied, the stress is concentrated mainly on the corners of the nut, which causes the corners to become rounded or stripped.
- Corners are potential failure points where fractures due to concentration of stress tend to occur.

**EFFECT ON THE SOCKET**



**PROCESS****A****HOT FORGING****1A. Receipt of 4047 steel raw material****2A. Cutting the steel****3A. Hot forging****PROCESS****B****COLD FORGING****1B. Receiving raw material****2B and 3B. Cold forging****4. Machining****5. Marking****6. Grinding****7. Temperingt****8. Polishing****9. Bluing**

# QUICK SELECTION GUIDE FOR IMPACT SOCKETS SETS



## IMPACT SOCKETS IN FRACTIONAL SIZES

	1/4"	3/8"	1/2"	3/4"	1"	1 1/2"	2 1/2"
	6	6	6	6	6	6	6
	69XXH	65XXH	72XXH	77XXH	74XXH	73XXH	75XX
	75XXL	100XX	100XXL	150XX	250XX		
HEX SIZE	214	214	220	221	232	233	241
	242	245	246	248	250		
3/16"	●	●					
7/32"	●	●					
1/4"	●	●					
9/32"	●	●	●				
5/16"	●	●	●	●			
11/32"	●	●					
3/8"	●	●	●	●			
7/16"	●	●	●	●	●		
1/2"	●	●	●	●	●	●	
9/16"	●	●	●	●	●	●	
5/8"	●	●	●	●	●	●	
11/16"		●	●	●	●	●	
3/4"		●	●	●	●	●	●
13/16"			●	●	●	●	
7/8"			●	●	●	●	
15/16"			●	●	●	●	
1"			●	●	●	●	
1 1/16"			●	●	●	●	●
1 1/8"			●	●	●	●	●
1 3/16"			●	●	●	●	●
1 1/4"			●	●	●	●	●
1 5/16"			●	●	●	●	●
1 3/8"			●	●	●	●	●
1 7/16"			●	●	●	●	●
1 1/2"			●	●	●	●	●
1 9/16"			●	●	●	●	●
1 5/8"			●	●	●	●	●
1 11/16"			●	●	●	●	●
1 3/4"			●	●	●	●	●
1 13/16"			●	●	●	●	●
1 7/8"			●	●	●	●	●
1 15/16"			●	●	●	●	●
2"			●	●	●	●	●
2 1/16"			●	●	●	●	●
2 1/8"			●	●	●	●	●
2 3/16"			●	●	●	●	●
2 1/4"			●	●	●	●	●
2 5/16"			●	●	●	●	●
2 3/8"			●	●	●	●	●
2 7/16"			●	●	●	●	●
2 1/2"			●	●	●	●	●
2 9/16"			●	●	●	●	●
2 5/8"			●	●	●	●	●
2 11/16"			●	●	●	●	●
2 3/4"			●	●	●	●	●
2 13/16"			●	●	●	●	●
2 7/8"			●	●	●	●	●
2 15/16"			●	●	●	●	●
3"			●	●	●	●	●
3 1/8"			●	●	●	●	●
3 1/4"			●	●	●	●	●
3 3/8"			●	●	●	●	●
3 1/2"			●	●	●	●	●
3 5/8"			●	●	●	●	●
3 3/4"			●	●	●	●	●
3 7/8"			●	●	●	●	●
4"			●	●	●	●	●
4 1/8"			●	●	●	●	●
4 1/4"			●	●	●	●	●
4 3/8"			●	●	●	●	●
4 1/2"			●	●	●	●	●
4 5/8"			●	●	●	●	●
4 3/4"			●	●	●	●	●
4 7/8"			●	●	●	●	●
5"			●	●	●	●	●

## METRIC IMPACT SOCKETS

	1/4"	3/8"	1/2"	3/4"	1"
	6	6	6	6	6
	69XXM	65XXM	72XXM	70XXM	74XXM
	73XXM	75XXM	75XXML	100XXM	
HEX SIZE	215	215	223	224	234
	235	242	243	245	
4 mm	●				
5 mm	●	●			
5.5 mm	●				
6 mm	●	●			
7 mm	●	●	●		
8 mm	●	●	●	●	
9 mm	●	●	●	●	●
10 mm	●	●	●	●	●
11 mm	●	●	●	●	●
12 mm	●	●	●	●	●
13 mm	●	●	●	●	●
14 mm	●	●	●	●	●
15 mm	●	●	●	●	●
16 mm			●	●	●
17 mm			●	●	●
18 mm			●	●	●
19 mm			●	●	●
20 mm			●	●	●
21 mm			●	●	●
22 mm			●	●	●
23 mm			●	●	●
24 mm			●	●	●
25 mm			●	●	●
26 mm			●	●	●
27 mm			●	●	●
28 mm			●	●	●
29 mm			●	●	●
30 mm			●	●	●
31 mm			●	●	●
32 mm			●	●	●
33 mm			●	●	●
34 mm			●	●	●
35 mm			●	●	●
36 mm			●	●	●
37 mm			●	●	●
38 mm			●	●	●
41 mm			●	●	●
46 mm			●	●	●
50 mm			●	●	●
60 mm			●	●	●
65 mm			●	●	●

4



**MAGNETIC IMPACT SOCKETS IN FRACTIONAL SIZES**

HEX SIZE	219	221
3/8"		
7/16"		
1/2"		
9/16"		
5/8"		

**MAGNETIC IMPACT SOCKETS METRIC SIZES**

HEX SIZE	222	223
10		
11		
12		
13		
14		
15		
18		

**SETS OF 1/4" IMPACT SOCKETS AND ACCESSORIES**

					69102	69112	69206	69106	69202	69212
CODE	DESCRIPTION				211	211	211	211	212	212
6906H	3/16									
6908H	1/4									
6909H	9/32									
6910H	5/16									
6911H	11/32									
6912H	3/8									
6914H	7/16									
6916H	1/2									
6918H	9/16									
6920H	5/8									
6904M	4mm									
6905M	5mm									
69055M	5.5mm									
6906M	6mm									
6907M	7mm									
6908M	8mm									
6909M	9mm									
6910M	10mm									
6911M	11mm									
6912M	12mm									
6913M	13mm									
6914M	14mm									
6915M	15mm									
6506H	3/16									
6507H	7/32									
6508H	1/4									
6509H	9/32									
6510H	5/16									
6511H	11/32									
6505HM	5mm									
6506HM	6mm									
6507HM	7mm									
6508HM	8mm									
6509HM	9mm									
6510HM	10mm									
6511HM	11mm									
6512HM	12mm									
6513HM	13mm									
6514HM	14mm									
6515HM	15mm									

**1/4" IMPACT ACCESSORIES**

CODE	DESCRIPTION			218
7648	1/4" Female x 3/8" Male			
6962	1/4" X 2"			
6965	1/4" X 2"			
6970	1/4" X 1 11/16"			



## SETS OF 3/8" IMPACT SOCKETS AND ACCESSORIES



CODE	DESCRIPTION					
		72102	72112	72202	72216	72212
7208H	1/4					
7210H	5/16					
7212H	3/8					
7214H	7/16					
7216H	1/2					
7218H	9/16					
7220H	5/8					
7222H	11/16					
7224H	3/4					
7208M	8mm					
7209M	9mm					
7210M	10mm					
7211M	11mm					
7212M	12mm					
7213M	13mm					
7214M	14mm					
7215M	15mm					
7216M	16mm					
7217M	17mm					
7219M	19mm					
7710H	5/16					
7712H	3/8					
7714H	7/16					
7716H	1/2					
7718H	9/16					
7720H	5/8					
7722H	11/16					
7724H	3/4					
7007M	7mm					
7008M	8mm					
7009M	9mm					
7010M	10mm					
7011M	11mm					
7012M	12mm					
7013M	13mm					
7014M	14mm					
7015M	15mm					
7016M	16mm					
7017M	17mm					
7018M	18mm					
7019M	19mm					
7021M	21mm					
7022M	22mm					
7023M	23mm					
7024M	24mm					

## SETS OF 3/8" IMPACT SOCKETS AND ACCESSORIES



CODE	DESCRIPTION				
		72101	72103	72201	72203
7208	1/4				
7210	5/16				
7212	3/8				
7214	7/16				
7216	1/2				
7218	9/16				
7220	5/8				
7222	11/16				
7224	3/4				
7208MT	8mm				
7209MT	9mm				
7210MT	10mm				
7211MT	11mm				
7212MT	12mm				
7213MT	13mm				
7710	5/16				
7712	3/8				
7714	7/16				
7716	1/2				
7718	9/16				
7720	5/8				
7722	11/16				
7724	3/4				
7007MT	7mm				
7008MT	8mm				
7009MT	9mm				
7010MT	10mm				
7011MT	11mm				
7012MT	12mm				
7013MT	13mm				





4

## 3/8" IMPACT ACCESSORIES







CODE	DESCRIPTION	
7650	3/8" Female x 1/2" Male	
7175P	3/8" X 3"	
7176P	3/8" X 6"	
7270P	3/8" X 1 15/16"	



**SETS OF 1/2" IMPACT SOCKETS AND ACCESSORIES IN FRACTIONAL SIZES**

		  						
								
		74106	74104	74102	7400CA	73112	74110	74108
CODE	DESCRIPTION	225	225	225	225	225	225	225
7316H	1/2							
7318H	9/16							
7320H	5/8							
7322H	11/16							
7324H	3/4							
7326H	13/16							
7328H	7/8							
7330H	15/16							
7332H	1							
7334H	1 1/16							
7336H	1 1/8							
7412H	3/8							
7414H	7/16							
7416H	1/2							
7418H	9/16							
7420H	5/8							
7422H	11/16							
7424H	3/4							
7426H	13/16							
7428H	7/8							
7430H	15/16							
7432H	1							
7434H	1 1/16							
7436H	1 1/8							
7438H	1 3/16							
7440H	1 1/4							
7442H	1 5/16							
7444H	1 3/8							
7446H	1 7/16							
7448H	1 1/2							

**SETS OF 1/2" METRIC IMPACT SOCKETS AND ACCESSORIES**

		  							
									
		74216	74206	74204M	74202M	7400CAM	73214M	73212M	7400DE
CODE	DESCRIPTION	225	227	228	228	228	225	225	225
7308M	8mm								
7309M	9mm								
7310M	10mm								
7311M	11mm								
7312M	12mm								
7313M	13mm								
7314M	14mm								
7315M	15mm								
7316M	16mm								
7317M	17mm								
7318M	18mm								
7319M	19mm								
7320M	20mm								
7321M	21mm								
7322M	22mm								
7323M	23mm								
7324M	24mm								
7325M	25mm								
7326M	26mm								
7327M	27mm								
7328M	28mm								
7329M	29mm								
7330M	30mm								
7332M	32mm								
7336M	36mm								
7409M	9mm								
7410M	10mm								
7411M	11mm								
7412M	12mm								
7413M	13mm								
7414M	14mm								
7415M	15mm								
7416M	16mm								
7417M	17mm								
7418M	18mm								
7419M	19mm								
7420M	20mm								
7421M	21mm								
7422M	22mm								
7423M	23mm								
7424M	24mm								
7425M	25mm								
7426M	26mm								
7427M	27mm								
7428M	28mm								
7429M	29mm								
7430M	30mm								
7432M	32mm								
7436M	36mm								
742426	3/4 X 13/16								
741719M	17 X 19mm								
741921M	19 X 21mm								
742426T	3/4 X 13/16								
741921MT	19 X 21mm								
7180P	2"								
7181P	5"								

**1/2" IMPACT ACCESSORIES**

			
			
CODE	DESCRIPTION	231	231
7651	1/2" Female x 3/8" Male		
7652	1/2" Female x 3/4" Male		
7180P	1/2" X 2"		
7181P	1/2" X 5"		
7184P	1/2" X 9"		
7470P	1/2" X 2 3/8"		

## SETS OF 3/4" IMPACT SOCKETS AND ACCESSORIES IN FRACTIONAL SIZES

			750010	750010L
CODE	DESCRIPTION			
7512	3/4"		237	237
7513	13/16"		237	237
7514	7/8"		237	237
7515	15/16"		237	237
7516	1"		237	237
7517	1 1/16"		237	237
7518	1 1/8"		237	237
7519	1 3/16"		237	237
7520	1 1/4"		237	237
7521	1 5/16"		237	237
7512L	3/4"			237
7513L	13/16"			237
7514L	7/8"			237
7515L	15/16"			237
7516L	1"			237
7517L	1 1/16"			237
7518L	1 1/8"			237
7519L	1/316"			237
7520L	1 1/4"			237
7521L	1 5/16"			237

## SETS OF 3/4" METRIC IMPACT SOCKETS AND ACCESSORIES


			750015	75001ML
CODE	DESCRIPTION			
7517M	17mm		237	237
7519M	19mm		237	237
7520M	20mm		237	237
7521M	21mm		237	237
7522M	22mm		237	237
7523M	23mm		237	237
7524M	24mm		237	237
7525M	25mm		237	237
7526M	26mm		237	237
7527M	27mm		237	237
7528M	28mm		237	237
7529M	29mm		237	237
7530M	30mm		237	237
7531M	31mm		237	237
7532M	32mm		237	237
7519ML	19mm			237
7520ML	20mm			237
7521ML	21mm			237
7522ML	22mm			237
7523ML	23mm			237
7524ML	24mm			237
7525ML	25mm			237
7526ML	26mm			237
7527ML	27mm			237
7530ML	30mm			237
7532ML	32mm			237














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## 3/4" IMPACT ACCESSORIES

			3/4"
CODE	DESCRIPTION		
7653	3/4" Female x 1/2" Male		236
7655	3/4" Female x 1" Male		236
7567	3/4" X 7"		236
7568	3/4" X 10"		236
7569	3/4" X 13"		236
7570	3/4" X 4-1/8"		236





**1" IMPACT SOCKET SETS**

1" 6" 11"  10000L

CODE	DESCRIPTION	
10022L	1 3/8"	
10023L	1 7/16"	
10024L	1 1/2"	
10025L	9/16"	
10026L	1 5/8"	
10028L	1 3/4"	
10029L	1 13/16"	
10030L	1 7/8"	
10031L	1 15/16"	
10032L	2"	
10034L	2 1/8"	
10035L	2 3/16"	




**1" IMPACT ACCESSORIES**

1" 1"

CODE	DESCRIPTION	
10607	1" X 7"	
10609	1" X 10"	
10670	1" X 5-1/4"	

**1 1/2" IMPACT ACCESSORIES**

1" 1 1/2"

CODE	DESCRIPTION	
15097	1 1/2" x 9"	
15007	1 1/2" x 1"	



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## SET OF 1/4" DRIVE 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 69102

6 PIECES

SET OF 6 1/4" DRIVE 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES ON RAIL AND CLIPS

	CODE	SIZE		CODE	DESCRIPTION
 	6908H	1/4"		2584	Rail for clips and sockets 6"
	6910H	5/16"			
	6912H	3/8"		2590	Socket clip
	6914H	7/16"			
	6916H	1/2"			
	6918H	9/16"			

*SUPER DRIVE*



4

## SET OF 1/4" DRIVE DEEP 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 69112

6 PIECES

SET OF 6 1/4" DRIVE DEEP 6-POINT IMPACT SOCKET IN FRACTIONAL SIZES ON RAIL AND CLIPS

	CODE	SIZE		CODE	DESCRIPTION
 	6506H	3/16"		2584	Rail for clips and sockets 6"
	6507H	7/32"			
	6508H	1/4"		2590	Socket clip
	6509H	9/32"			
	6510H	5/16"			
	6511H	11/32"			

*SUPER DRIVE*



## SET OF 1/4" DRIVE METRIC 6-POINT IMPACT SOCKETS

### 69206

13 PIECES

SET OF 13 1/4" DRIVE METRIC 6-POINT IMPACT SOCKET ON RAIL AND CLIPS

	CODE	SIZE		CODE	DESCRIPTION
  	6904M	4 mm		2584	Rail for clips and sockets 6"
	6905M	5 mm			
	69055M	5.5 mm		2590	Socket clip
	6906M	6 mm			
	6907M	7 mm			
	6908M	8 mm			
	6909M	9 mm			
	6910M	10 mm			
	6911M	11 mm			
	6912M	12 mm			
	6913M	13 mm			
	6914M	14 mm			
	6915M	15 mm			

*SUPER DRIVE*



### 69106

10 PIECES

SET OF 10 1/4" DRIVE 6-POINT IMPACT SOCKET IN FRACTIONAL SIZES ON RAIL AND CLIPS

	CODE	SIZE		CODE	DESCRIPTION
 	6906H	3/16"		2585	Rail for clips and sockets 6"
	6908H	1/4"			
	6909H	9/32"		2590	Socket clip
	6910H	5/16"			
	6911H	11/32"			
	6912H	3/8"			
	6914H	7/16"			
	6916H	1/2"			
	6918H	9/16"			
	6920H	5/8"			

*SUPER DRIVE*










## 69202

7 PIECES

### SET OF 7 1/4" DRIVE METRIC 6-POINT IMPACT SOCKET ON RAIL AND CLIPS

CODE	SIZE	CODE	DESCRIPTION
 6907M	7 mm	 2585	Rail for clips and sockets 6"
6908M	8 mm	 2590	Socket clip
6909M	9 mm		
 6910M	10 mm		
6911M	11 mm		
6912M	12 mm		
 6913M	13 mm		

*SUPER* 








## SET OF 1/4" DRIVE DEEP METRIC 6-POINT IMPACT SOCKETS

## 69212

11 PIECES

### SET OF 11 1/4" DRIVE DEEP METRIC 6-POINT IMPACT SOCKET ON RAIL AND CLIPS

CODE	SIZE	CODE	DESCRIPTION
 6505HM	5 mm	 2585	Rail for clips and sockets 6"
6506HM	6 mm	 2590	Socket clip
6507HM	7 mm		
6508HM	8 mm		
6509HM	9 mm		
6510HM	10 mm		
6511HM	11 mm		
 6512HM	12 mm		
6513HM	13 mm		
6514HM	14 mm		
 6515HM	15 mm		

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URREA tools are designed and manufactured to meet or exceed the most demanding industry standards, such as the SAE, (Society of Automotive Engineers), ASME/ANSI (American Society of Mechanical Engineers/American National Standards Institute), ISO (International Standardization Organization), GSA USA Federal (General Services Administration USA Federal Government), and NOM (Norma Oficial Mexicana - Official Mexican Standard).

## 1/4" DRIVE IMPACT EXTENSIONS

This accessory lets you work on screws in tight or deep spaces where an impact wrench can't reach, available in a variety of lengths. The maximum recommended torque for a 1/4" extension of any length is 500 in-lbs.

### 696X

CODE	DRIVE SIZE		LENGTH		TORSION		TORQUE STRENGTH ASME/ANSI B107.2
	in	mm	in	mm	grs	lbs	
6962	1/4"	6.3	2"	50.8	40	0.08	500
6965	1/4"	6.3	6"	152.4	65	0.14	500

STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 AND 2725 DIN 3129



6962

Made of high-quality, high strength micro-alloyed steel with black finish to prevent corrosion and no risk of surface chipping or flaking.



6965

To achieve the right balance between hardness and strength, extensions are heat-treated in controlled-atmosphere furnaces.

## 1/4" DRIVE IMPACT UNIVERSAL JOINT

This accessory offers the advantages of a jointed handle when it is installed between the impact wrench or extension and the socket, letting you access nuts or bolts at a variety of angles.

### 6970

CODE	SIZE		LENGTH		TORSION	
	in	mm	in	mm	grs	lbs
6970	1/4"	6.3	1 11/16"	43	50	0.11



## 1/4" DRIVE IMPACT ADAPTER

These accessories let you work with 3/8" square drive sockets using 1/4" handles.

### 7648

CODE	DESCRIPTION	LENGTH		SQUARE DRIVE SIZE		TORSION	
		in	mm	F	M	grs	lbs
7648	1/4" F x 3/8" M	1"	26	1/4"	3/8"	35	0.07



Female



Male



The line of 1/4" impact sockets is used primarily for delicate work such as electronics, pneumatics, and electromechanics, with the following range of application:

Socket hex size: 3/16"-5/8" and 4-15 mm.

Torque applications for sockets, handles, and accessories: 95-500 in-lbs

To keep your sockets and accessories neat and orderly, we recommend using the various organization and storage options presented in section 2 of this catalog.

## 1/4" DRIVE 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 69XXH

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	HEX-END	DRIVE-END			grs	lbs	lb - in
6906H	3/16"	4.7	15/16"	23.8	5/16"	1/2"	1/8"	I	20	0.04	95
6908H	1/4"	6.3	15/16"	23.8	3/8"	1/2"	1/8"	I	20	0.04	190
6909H	9/32"	7.1	15/16"	23.8	7/16"	1/2"	1/8"	I	30	0.07	250
6910H	5/16"	7.9	15/16"	23.8	7/16"	1/2"	1/8"	I	30	0.07	500
6911H	11/32"	8.7	15/16"	23.8	1/2"	1/2"	3/16"	II	40	0.09	500
6912H	3/8"	9.5	15/16"	23.8	9/16"	9/16"	3/16"	II	40	0.09	500
6914H	7/16"	11.1	15/16"	23.8	5/8"	5/8"	1/4"	II	50	0.11	500
6916H	1/2"	12.7	15/16"	23.8	3/4"	3/4"	1/4"	II	60	0.13	500
6918H	9/16"	14.2	15/16"	23.8	3/4"	3/4"	1/4"	II	60	0.13	500
6920H	5/8"	15.8	15/16"	23.8	13/16"	13/16"	1/4"	II	65	0.14	500



SUPERIOR DRIVE

STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II

## 1/4" DRIVE DEEP 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 65XXH

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	HEX-END	DRIVE-END			grs	lbs	lb - in
6506H	3/16"	4.7	2"	49.2	5/16"	1/2"	1/8"	I	38	0.08	95
6507H	7/32"	5.5	2"	49.2	3/8"	1/2"	1/8"	I	40	0.09	135
6508H	1/4"	6.3	2"	49.2	3/8"	1/2"	1/8"	I	40	0.09	190
6509H	9/32"	7.1	2"	49.2	7/16"	1/2"	1/8"	I	50	0.11	250
6510H	5/16"	7.9	2"	49.2	7/16"	1/2"	1/8"	I	50	0.11	320
6511H	11/32"	8.7	2"	49.2	1/2"	1/2"	3/16"	II	60	0.13	400



SUPERIOR DRIVE

STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II

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

### 69XXM

CODE	HEX SIZE	LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.33		
		in	mm	HEX-END	DRIVE-END			grs	lbs	lb - in
6904M	4	15/16"	23.8	1/4"	1/2"	1/4"	I	20	0.04	190
6905M	5	15/16"	23.8	5/16"	1/2"	1/4"	I	25	0.06	190
69055M	5.5	15/16"	23.8	5/16"	1/2"	1/4"	I	30	0.07	190
6906M	6	15/16"	23.8	3/8"	1/2"	5/16"	I	35	0.08	190
6907M	7	15/16"	23.8	3/8"	1/2"	3/8"	I	40	0.09	320
6908M	8	15/16"	23.8	1/2"	1/2"	3/8"	II	48	0.11	500
6909M	9	15/16"	23.8	1/2"	1/2"	3/8"	II	48	0.11	500
6910M	10	15/16"	23.8	9/16"	9/16"	3/8"	II	50	0.11	500
6911M	11	15/16"	23.8	5/8"	5/8"	7/16"	II	59	0.13	500
6912M	12	15/16"	23.8	11/16"	11/16"	7/16"	II	62	0.14	500
6913M	13	15/16"	23.8	11/16"	11/16"	7/16"	II	62	0.14	500
6914M	14	15/16"	23.8	3/4"	3/4"	7/16"	II	70	0.15	500
6915M	15	15/16"	23.8	13/16"	13/16"	7/16"	II	76	0.17	500



STANDARDS:  
ASME/ANSI B107.4  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II

4

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

### 65XXHM

CODE	HEX SIZE	LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.33		
		in	mm	HEX-END	DRIVE-END			grs	lbs	lb - in
6505HM	5	2"	49.2	1/2"	5/16"	1/8"	I	40	0.09	190
6506HM	6	2"	49.2	1/2"	3/8"	1/8"	I	50	0.11	190
6507HM	7	2"	49.2	1/2"	7/16"	1/8"	I	50	0.11	320
6508HM	8	2"	49.2	1/2"	7/16"	1/8"	II	60	0.13	500
6509HM	9	2"	49.2	1/2"	1/2"	3/16"	II	70	0.15	500
6510HM	10	2"	49.2	9/16"	9/16"	1/4"	II	70	0.17	500
6511HM	11	2"	49.2	5/8"	5/8"	1/4"	II	90	0.18	500
6512HM	12	2"	49.2	11/16"	11/16"	1/4"	II	100	0.19	500
6513HM	13	2"	49.2	3/4"	3/4"	1/4"	II	120	0.20	500
6514HM	14	2"	49.2	3/4"	3/4"	5/16"	II	140	0.20	500
6515HM	15	2"	49.2	13/16"	13/16"	5/16"	II	160	0.22	500



STANDARDS:  
ASME/ANSI B107.4  
ISO 1174 and 2725 DIN 3129



TYPE I






TYPE II

**SET OF 3/8" DRIVE 12-POINT IMPACT SOCKETS IN FRACTIONAL SIZES**

**72101**

9 PIECES

SET OF 9 3/8" DRIVE 12 POINT IMPACT SOCKET SET IN FRACTIONAL SIZES ON RAIL AND CLIPS

CODE	SIZE	CODE	DESCRIPTION
 7208	1/4"	 2585	Rail for clips and sockets 9"
7210	5/16"		Socket clip
7212	3/8"		
7214	7/16"		
7216	1/2"		
7218	9/16"		
7220	5/8"		
7222	11/16"		
7224	3/4"		






**SET OF 3/8" DRIVE 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES**

**72102**

9 PIECES

SET OF 9 3/8" DRIVE IMPACT SOCKET SET IN FRACTIONAL SIZES ON RAIL AND CLIPS

CODE	SIZE	CODE	DESCRIPTION
 7208H	1/4"	 2585	Rail for clips and sockets 9"
7210H	5/16"		Socket clip
7212H	3/8"		
7214H	7/16"		
7216H	1/2"		
7218H	9/16"		
7220H	5/8"		
7222H	11/16"		
7224H	3/4"		






**SET OF 3/8" DRIVE DEEP 12-POINT IMPACT SOCKETS IN FRACTIONAL SIZES**

**72103**

8 PIECES

SET OF 8 3/8" DRIVE DEEP 12 POINT IMPACT SOCKET SET IN FRACTIONAL SIZES ON RAIL AND CLIPS

CODE	SIZE	CODE	DESCRIPTION
 7710	5/16"	 2585	Rail for clips and sockets 9"
7712	3/8"		Socket clip
7714	7/16"		
7716	1/2"		
7718	9/16"		
7720	5/8"		
7722	11/16"		
7724	3/4"		






**SET OF 3/8" DRIVE DEEP 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES ON RAIL AND CLIPS**

**72112**

8 PIECES

SET OF 8 3/8" DRIVE DEEP 6-POINT IMPACT SOCKET IN FRACTIONAL SIZES ON RAIL AND CLIPS

CODE	SIZE	CODE	DESCRIPTION
 7710H	5/16"	 2585	Rail for clips and sockets 9"
7712H	3/8"		Socket clip
7714H	7/16"		
7716H	1/2"		
7718H	9/16"		
7720H	5/8"		
7722H	11/16"		
7724H	3/4"		





## SET OF 3/8" DRIVE METRIC 12-POINT IMPACT SOCKETS

### 72201

12 PIECES

SET OF 12 3/8" DRIVE METRIC 12 POINT IMPACT SOCKET SET IN ON RAIL AND CLIPS IN CARDBOARD BOX

	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
 TIPO I  	7208MT	8 mm	7214MT	14mm	 2585	Rail for clips and sockets 9"
	7209MT	9 mm	7215MT	15mm		
	7210MT	10 mm	7216MT	16mm	 2591	Socket clip
	7211MT	11 mm	7217MT	17mm		
	7212MT	12 mm	7218MT	18mm		
	7213MT	13 mm	7219MT	19mm		



4

## SET OF 3/8" DRIVE DEEP METRIC 12-POINT IMPACT SOCKETS

### 72203

13 PIECES

SET OF 12 3/8" DRIVE DEEP METRIC 12 POINT IMPACT SOCKET SET IN ON RAIL AND CLIPS IN CARDBOARD BOX

	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
 TIPO I  	7007MT	7mm	7014MT	14mm	 2585	Rail for clips and sockets 9"
	7008MT	8mm	7015MT	15mm		
	7009MT	9mm	7016MT	16mm	 2591	Socket clip
	7010MT	10mm	7017MT	17mm		
	7011MT	11mm	7018MT	18mm		
	7012MT	12mm	7019MT	19mm		



## SET OF 3/8" DRIVE METRIC 6-POINT IMPACT SOCKETS

### 72202

11 PIECES

SET OF 11 3/8" DRIVE METRIC 6-POINT IMPACT SOCKET ON RAIL AND CLIPS

	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
 TYPE I  	7208M	8 mm	7214M	14 mm	 2585	Rail for clips and sockets 9"
	7209M	9 mm	7215M	15 mm		
	7210M	10 mm	7216M	16 mm	 2591	Socket clip
	7211M	11 mm	7217M	17 mm		
	7212M	12 mm	7219M	19 mm		
	7213M	13 mm				



## SET OF 3/8" DRIVE DEEP METRIC 6-POINT IMPACT SOCKETS

### 72216

17 PIECES

SET OF 17 3/8" DRIVE DEEP METRIC 6-POINT IMPACT SOCKET ON RAIL AND CLIPS

	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
  	7007M	7 mm	7013M	13 mm	7019M	19 mm	 2585	Rail for clips and sockets 9"
	7008M	8 mm	7014M	14 mm	7021M	21 mm		
	7009M	9 mm	7015M	15 mm	7022M	22 mm	 2591	Socket clip
	7010M	10 mm	7016M	16 mm	7023M	23 mm		
	7011M	11 mm	7017M	17 mm	7024M	24 mm		
	7012M	12 mm	7018M	18 mm				











## SET OF 3/8" DRIVE DEEP METRIC 6-POINT IMPACT SOCKETS


### 72212

11 PIECES

SET OF 11 3/8" DRIVE DEEP METRIC 6-POINT IMPACT SOCKET ON RAIL AND CLIPS

CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
	7007M 7 mm	7013M 13 mm		2585	Rail for clips and sockets 9"
	7008M 8 mm	7014M 14 mm			
	7009M 9 mm	7015M 15 mm			
	7010M 10 mm	7016M 16 mm			
	7011M 11 mm	7017M 17 mm			
	7012M 12 mm				

 2591 Socket clip







## 3/8" DRIVE IMPACT EXTENSIONS

This accessory lets you work on screws in tight or deep spaces where an impact wrench can't reach, available in a variety of lengths. The maximum recommended torque for a 3/8" extension of any length is 1200 in-lbs.

### 717XP

CODE	DRIVE SIZE		LENGTH		TORQUE STRENGTH		ASME/ANSI B107.2
	in	mm	in	mm	grs	lbs	
7175P	3/8"	9.5	3"	76.2	82	0.18	1200
7176P	3/8"	9.5	6"	152.4	159	0.35	1200

STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



7175P





7176P

## 3/8" DRIVE IMPACT UNIVERSAL JOINT

This accessory offers the advantages of a jointed handle when it is installed between the impact wrench or extension and the socket, letting you access nuts or bolts at a variety of angles.

### 7270P

CODE	DRIVE SIZE		LENGTH		TORQUE STRENGTH	
	in	mm	in	mm	grs	lbs
7270P	3/8"	9.5	1 15/16"	49.2	132	0.29





## 3/8" DRIVE IMPACT ADAPTER

These accessories let you work with 1/2" square drive sockets using 3/8" handles.

### 7650

CODE	DESCRIPTION	LENGTH		SQUARE DRIVE SIZE		TORQUE STRENGTH	
		in	mm	F	M	grs	lbs
7650	3/8" F x 1/2" M	1 7/16"	36	3/8"	1/2"	55	0.12

 Female  Male



The line of 3/8" impact sockets is used primarily for automotive maintenance and general mechanical work, where there is not a lot of work space available and the torque requirements are not very high. They have the following ranges of application:

Socket hex size: 1/4" to 1" and 7 to 24mm.

Torque applications for sockets, handles, and accessories: 440-2200 in-lbs

To keep your sockets and accessories neat and orderly, we recommend using the various organization and storage options presented in section 2 of this catalog.

## 3/8" DRIVE 12-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 72XX

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	in	in			grs	lbs	lb - in
7208	1/4"	6.3	1 3/16"	30.1	7/16"	3/4"	3/8"	I	41	0.090	200
7210	5/16"	7.9	1 3/16"	30.1	1/2"	3/4"	3/8"	I	36	0.079	440
7212	3/8"	9.5	1 3/16"	30.1	9/16"	3/4"	3/8"	I	38	0.084	660
7214	7/16"	11.1	1 3/16"	30.1	11/16"	3/4"	3/8"	I	40	0.088	930
7216	1/2"	12.7	1 3/16"	30.1	3/4"	3/4"	3/8"	II	42	0.093	1240
7218	9/16"	14.2	1 3/16"	30.1	3/4"	3/4"	7/16"	II	53	0.117	1600
7220	5/8"	15.8	1 3/16"	30.1	15/16"	15/16"	7/16"	II	66	0.146	2000
7222	11/16"	17.4	1 3/16"	30.1	15/16"	15/16"	9/16"	II	56	0.123	2200
7224	3/4"	19.0	1 3/16"	30.1	1"	1"	9/16"	II	82	0.181	2200
7226	13/16"	20.6	1 3/16"	30.1	1 7/64"	1 7/64"	5/9"	II	355	0.782	2200
7228	7/8"	22.2	1 3/16"	30.1	1 3/16"	1 3/16"	3/5"	II	380	0.837	2200
7230	15/16"	23.8	1 3/16"	30.1	1 1/4"	1 1/4"	5/8"	II	405	0.892	2200
7232	1"	25.4	1 3/16"	30.1	1 11/32"	1 11/32"	5/8"	II	430	0.948	2200



SUPER DRIVE

STANDARDS: ASME B107.2  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II

4

## 3/8" DRIVE 6-POINT IMPACT MAGNETIC SOCKETS IN FRACTIONAL SIZES

### 72XXHM

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	in	in			grs	lbs	lb - in
7212HM	3/8"	9.5	1 3/16"	30.1	9/16"	3/8"	5/32"	I	40	0.08	658.76
7214HM	7/16"	11.1	1 3/16"	30.1	11/16"	3/8"	3/16"	I	46.7	0.10	928.26
7216HM	1/2"	12.7	1 3/16"	30.1	3/4"	3/8"	3/16"	III	46.7	0.10	1237.69
7218HM	9/16"	14.2	1 3/16"	30.1	3/4"	7/8"	1/4"	I	60	0.13	1597.03
7220HM	5/8"	15.8	1 3/16"	30.1	15/16"	7/8"	1/4"	III	70	0.15	1996.28



SUPER DRIVE

STANDARDS: ASME B107.2 ISO 1174 and 2725, FEDERAL GGG-W-660, DIN 3129



TYPE I



TYPE III



Magnetic cylinder that keeps the holder in position, even working face down.



Deep sockets have a spring allowing the bolt or screw insert into the body of the socket meanwhile the nut turns in.

Female drive on groove and drill for bolt and o-ring for working with power tools.

**3/8" DRIVE 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES**

**72XXH**

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	in	in			grs	lbs	lb - in
7208H	1/4"	6.3	1 3/16"	30.1	7/16"	3/4"	1/8"	I	110	0.24	200
7209H	9/32"	7.1	1 3/16"	30.1	7/16"	3/4"	1/8"	I	120	0.26	310
7210H	5/16"	7.9	1 3/16"	30.1	1/2"	3/4"	1/8"	I	130	0.28	400
7212H	3/8"	9.5	1 3/16"	30.1	14. 5"	3/4"	1/8"	I	140	0.30	660
7214H	7/16"	11.1	1 3/16"	30.1	11/16"	3/4"	1/4"	I	160	0.35	930
7216H	1/2"	12.7	1 3/16"	30.1	3/4"	3/4"	1/4"	II	190	0.41	1240
7218H	9/16"	14.2	1 3/16"	30.1	3/4"	3/4"	1/4"	II	200	0.44	1600
7220H	5/8"	15.8	1 3/16"	30.1	15/16"	15/16"	1/4"	II	280	0.61	2000
7222H	11/16"	17.4	1 3/16"	30.1	15/16"	15/16"	5/16"	II	290	0.63	2200
7224H	3/4"	19.0	1 3/16"	30.1	1"	1"	3/8"	II	350	0.77	2200



STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



**TYPE I**



**TYPE II**

**3/8" DRIVE DEEP 12-POINT IMPACT SOCKETS IN FRACTIONAL SIZES**

**77XX**

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	in	in			grs	lbs	lb - in
7710	5/16"	7.9	2 1/2"	63.5	1/2"	3/4"	1/2"	I	82	0.181	440
7712	3/8"	9.5	2 1/2"	63.5	9/16"	3/4"	1/2"	I	82	0.181	660
7714	7/16"	11.1	2 1/2"	63.5	11/16"	3/4"	1/2"	I	78	0.172	930
7716	1/2"	12.7	2 1/2"	63.5	3/4"	3/4"	15/16"	II	104	0.229	1240
7718	9/16"	14.2	2 1/2"	63.5	13/16"	13/16"	15/16"	II	94	0.207	1600
7720	5/8"	15.8	2 1/2"	63.5	15/16"	15/16"	15/16"	II	127	0.280	2000
7722	11/16"	17.4	2 1/2"	63.5	15/16"	15/16"	15/16"	II	142	0.313	2200
7724	3/4"	19.0	2 1/2"	63.5	1	1	1 1/8"	II	158	0.348	2200
7726	13/16"	20.6	2 9/16"	65.0	1 7/64"	1 7/64"	17/18"	II	355	0.782	2200
7728	7/8"	22.2	2 9/16"	65.0	1 3/16"	1 3/16"	17/18"	II	380	0.837	2200
7730	15/16"	23.8	2 9/16"	65.0	1 1/4"	1 1/4"	17/18"	II	405	0.892	2200
7732	1"	25.4	2 9/16"	65.0	1 11/32"	1 11/32"	17/18"	II	430	0.948	2200



NORMAS: ASME B107.2  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



**TYPE I**



**TYPE II**

## 3/8" DRIVE DEEP 6-POINT IMPACT MAGNETIC SOCKETS IN FRACTIONAL SIZES

### 77XXHM

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	HEX-END	DRIVE-END			grs	lbs	lb - in
7712HM	3/8"	9.5	2 3/16"	55	9/16"	3/4"	1/2"	I	82	0.180	658.76
7714HM	7/16"	11.1	2 3/16"	55	11/16"	3/4"	15/16"	I	98	0.216	928.26
7716HM	1/2"	12.7	2 3/16"	55	3/4"	3/4"	15/16"	II	104	0.229	1237.69
7718HM	9/16"	14.2	2 3/16"	55	3/4"	3/4"	15/16"	II	114	0.251	1597.03
7720HM	5/8"	15.8	2 3/16"	55	15/16"	15/16"	15/16"	II	127	0.279	1996.28



STANDARDS: ASME B107.2 ISO 1174 and 2725, FEDERAL GGG-W-660, DIN 3129



Magnetic cylinder that keeps the holder in position, even working face down.



Deep sockets have a spring allowing the bolt or screw insert into the body of the socket meanwhile the nut turns in.

Female drive on groove and drill for bolt and o-ring for working with power tools.



TYPE I



TYPE II

4

## 3/8" DRIVE DEEP 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 77XXH

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	HEX-END	DRIVE-END			grs	lbs	lb - in
7710H	5/16"	7.9	2 9/16"	63.5	1/2"	3/4"	1/8"	I	150	0.33	440
7712H	3/8"	9.5	2 9/16"	63.5	9/16"	3/4"	1/8"	I	180	0.40	660
7714H	7/16"	11.1	2 9/16"	63.5	11/16"	3/4"	1/4"	I	210	0.46	930
7716H	1/2"	12.7	2 9/16"	63.5	3/4"	3/4"	1/4"	II	250	0.55	1240
7718H	9/16"	14.2	2 9/16"	63.5	3/4"	3/4"	1/4"	II	250	0.55	1600
7720H	5/8"	15.8	2 9/16"	63.5	15/16"	15/16"	1/4"	II	290	0.63	2000
7722H	11/16"	17.4	2 9/16"	63.5	15/16"	15/16"	5/16"	II	300	0.66	2200
7724H	3/4"	19.0	2 9/16"	63.5	1"	1"	3/8"	II	330	0.72	2200



STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II



**3/8" DRIVE METRIC 12-POINT IMPACT SOCKETS**

**72XXMT**

CODE	HEX SIZE	LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.33		
		mm	in	mm	mm			grs	lbs	lb - in
7208MT	8	1 3/16	30.1	12.5	19	12	I	38	0.084	460
7209MT	9	1 3/16	30.1	14	19	12	I	37	0.082	584
7210MT	10	1 3/16	30.1	15	19	12	I	40	0.088	726
7211MT	11	1 3/16	30.1	17	19	12	I	34	0.075	991
7212MT	12	1 3/16	30.1	19	19	12	I	40	0.088	1097
7213MT	13	1 3/16	30.1	19	19	12	II	41	0.090	1301
7214MT	14	1 3/16	30.1	20	20	12	II	51	0.112	1549
7215MT	15	1 3/16	30.1	22	22	16	II	56	0.123	1797
7216MT	16	1 3/16	30.1	24	24	16	II	60	0.132	2098
7217MT	17	1 3/16	30.1	24	24	16	II	76	0.168	2204
7218MT	18	1 3/16	30.1	25	25	16	II	82	0.181	2204
7219MT	19	1 3/16	30.1	26	26	16	II	80	0.176	2204
7220MT	20	1 3/16	30.1	28	28	3/64	II	190	0.418	2204
7221MT	21	1 3/16	30.1	28	28	3/64	II	210	0.463	2204
7222MT	22	1 3/16	30.1	30	30	3/64	II	260	0.573	2204



STANDARDS:  
ASME B107.33M  
ISO 1174 and 2725 DIN 3129



**TYPE I**



**TYPE II**

**3/8" DRIVE METRIC 6-POINT IMPACT MAGNETIC SOCKETS**

**721XMHM**

CODE	HEX SIZE	LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
		mm	in	mm	mm			grs	lbs	lb - in
7210MHM	10	1 3/16	30.1	5/8"	3/4"	5/32"	I	40	0.08	943.49
7211MHM	11	1 3/16	30.1	11/16"	3/4"	3/16"	I	46.7	0.10	1283.36
7212MHM	12	1 3/16	30.1	3/4"	3/4"	3/16"	II	46.7	0.10	1426.74
7213MHM	13	1 3/16	30.1	3/4"	7/8"	3/16"	II	60	0.13	1691.37
7214MHM	14	1 3/16	30.1	3/4"	3/4"	1/4"	II	60	0.13	2013.54
7215MHM	15	1 3/16	30.1	7/8"	7/8"	1/4"	II	60	0.13	2335.71
7218MHM	18	1 3/16	30.1	1"	7/8"	9/32"	II	80	0.17	2864.98



STANDARDS: ASME B107.2 ISO 1174 and 2725, FEDERAL GGG-W-660, DIN 3129



**TYPE I**



**TYPE II**



Magnetic cylinder that keeps the holder in position, even working face down.



Deep sockets have a spring allowing the bolt or screw insert into the body of the socket meanwhile the nut turns in.

Female drive on groove and drill for bolt and o-ring for working with power tools.

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

### 72XXM

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.33		
	mm	in	mm	in	mm	in			grs	lbs	lb - in
7208M	8	1 3/16"	30.1	1 1/2"	3/4"	3/4"	1/8"	I	090	0.19	660
7209M	9	1 3/16"	30.1	9/16"	3/4"	3/4"	1/8"	I	100	0.22	930
7210M	10	1 3/16"	30.1	5/8"	3/4"	3/4"	1/8"	I	130	0.28	930
7211M	11	1 3/16"	30.1	11/16"	3/4"	3/4"	1/4"	I	140	0.30	1240
7212M	12	1 3/16"	30.1	3/4"	3/4"	3/4"	1/4"	II	140	0.30	1600
7213M	13	1 3/16"	30.1	3/4"	3/4"	3/4"	1/4"	II	150	0.33	1600
7214M	14	1 3/16"	30.1	3/4"	3/4"	3/4"	1/4"	II	150	0.33	2000
7215M	15	1 3/16"	30.1	7/8"	7/8"	7/8"	1/4"	II	160	0.35	2000
7216M	16	1 3/16"	30.1	15/16"	15/16"	15/16"	1/4"	II	160	0.35	2000
7217M	17	1 3/16"	30.1	15/16"	15/16"	15/16"	1/4"	II	160	0.35	2000
7218M	18	1 3/16"	30.1	1"	1"	1"	5/16"	II	170	0.37	2000
7219M	19	1 3/16"	30.1	1"	1"	1"	3/8"	II	180	0.39	2000



STANDARDS:  
ASME/ANSI B107.4  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II

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

### 701XMHM

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	mm	in	mm	in	mm	in			grs	lbs	lb - in
7010MHM	10	2 3/16"	55	5/8"	3/4"	3/4"	5/32"	I	80	0.17	943.49
7011MHM	11	2 3/16"	55	11/16"	3/4"	3/4"	3/16"	I	80	0.17	1283.36
7012MHM	12	2 3/16"	55	3/4"	3/4"	3/4"	3/16"	II	80	0.17	1426.74
7013MHM	13	2 3/16"	55	3/4"	3/4"	3/4"	3/16"	II	120	0.26	1691.37
7015MHM	15	2 3/16"	55	7/8"	7/8"	7/8"	1/4"	II	120	0.26	2335.71



STANDARDS: ASME B107.2 ISO 1174 and 2725, FEDERAL GGG-W-660, DIN 3129



TYPE I



TYPE II



Magnetic cylinder that keeps the holder in position, even working face down.



Deep sockets have a spring allowing the bolt or screw insert into the body of the socket meanwhile the nut turns in.

Female drive on groove and drill for bolt and o-ring for working with power tools.

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

### 70XXMT

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.33	
	mm	in	mm	in	mm	mm			grs	lb
7007MT	7	2 1/2	63.5	11.5	19	12.7	I	96	0.212	440
7008MT	8	2 1/2	63.5	12.5	19	15.9	I	82	0.181	460
7009MT	9	2 1/2	63.5	14	19	15.9	I	81	0.179	584
7010MT	10	2 1/2	63.5	15	19	22.2	I	64	0.141	726
7011MT	11	2 1/2	63.5	17	19	25.4	I	80	0.176	991
7012MT	12	2 1/2	63.5	19	19	25.4	II	74	0.163	1097
7013MT	13	2 1/2	63.5	19	19	25.4	II	90	0.198	1301
7014MT	14	2 1/2	63.5	20	20	25.4	II	90	0.198	1549
7015MT	15	2 1/2	63.5	22	22	25.4	II	108	0.238	1797
7016MT	16	2 1/2	63.5	24	24	25.4	II	130	0.287	2098
7017MT	17	2 1/2	63.5	24	24	25.4	II	142	0.313	2204
7018MT	18	2 1/2	63.5	25	25	25.4	II	199	0.439	2204
7019MT	19	2 1/2	63.5	26	26	25.4	II	180	0.397	2204
7020MT	20	2 9/16	65.0	28	28	8.7	II	190	0.418	2204
7021MT	21	2 9/16	65.0	28	28	8.7	II	210	0.463	2204
7022MT	22	2 9/16	65.0	30	30	9.5	II	260	0.573	2204



STANDARDS:  
ASME B107.33M  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II

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

### 70XXM

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.33	
	mm	in	mm	in	in	in			in	grs
7007M	7	2 9/16"	63.5	7/16"	3/4"	1/8"	I	120	0.26	440
7008M	8	2 9/16"	63.5	1/2"	3/4"	1/8"	I	120	0.26	660
7009M	9	2 9/16"	63.5	9/16"	3/4"	1/8"	I	140	0.30	660
7010M	10	2 9/16"	63.5	9/16"	3/4"	1/8"	I	150	0.33	930
7011M	11	2 9/16"	63.5	11/16"	3/4"	1/4"	I	160	0.35	930
7012M	12	2 9/16"	63.5	3/4"	3/4"	1/4"	II	170	0.37	1240
7013M	13	2 9/16"	63.5	3/4"	3/4"	1/4"	II	190	0.41	1600
7014M	14	2 9/16"	63.5	3/4"	3/4"	1/4"	II	190	0.41	1600
7015M	15	2 9/16"	63.5	7/8"	7/8"	1/4"	II	210	0.46	2000
7016M	16	2 9/16"	63.5	15/16"	15/16"	1/4"	II	260	0.57	2000
7017M	17	2 9/16"	63.5	15/16"	15/16"	1/4"	II	300	0.66	2000
7018M	18	2 9/16"	63.5	1"	1"	5/16"	II	300	0.66	2000
7019M	19	2 9/16"	63.5	1"	1"	3/8"	II	310	0.68	2000
7021M	21	2 9/16"	63.5	1 1/8"	1 1/8"	3/8"	II	350	0.77	2000
7022M	22	2 9/16"	63.5	1 1/8"	1 1/8"	3/8"	II	370	0.81	2000
7023M	23	2 9/16"	63.5	1 3/16"	1 3/16"	3/8"	II	390	0.85	2000
7024M	24	2 9/16"	63.5	1 1/4"	1 1/4"	3/8"	II	400	0.88	2000



STANDARDS:  
ASME/ANSI B107.4  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II

## SET OF 1/2" DRIVE 12-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 74101

11 PIECES

SET OF 11 SOCKETS 1/2" DRIVE 12 POINT IMPACT SOCKET SET ON RAIL AND CLIPS IN CARDBOARD BOX IN FRACTIONAL SIZES

	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
	7412	3/8"	7424	3/4"	2584	Rail for clips and sockets 6"
	7414	7/16"	7426	13/16"		
	7416	1/2"	7428	7/8"	2591	Socket clip
	7418	9/16"	7430	15/16"		
	7420	5/8"	7432	1"		
	7422	11/16"				



4

## SETS OF 1/2" DRIVE 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 74106

19 PIECES

SET OF 19 1/2" DRIVE 6-POINT IMPACT SOCKET IN FRACTIONAL SIZES ON RAIL AND CLIPS

	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
	7412H	3/8"	7426H	13/16"	7438H	1 3/16"	2585	Rail for clips and sockets 9"
TYPE II	7414H	7/16"	7428H	7/8"	7440H	1 1/4"		
	7416H	1/2"	7430H	15/16"	7442H	1 5/16"		
	7418H	9/16"	7432H	1"	7444H	1 3/8"	2592	Socket Clips
	7420H	5/8"	7434H	1 1/16"	7446H	1 7/16"		
	7422H	11/16"	7436H	1 1/8"	7448H	1 1/2"		
	7424H	3/4"						



### 74104

15 PIECES

SET OF 15 1/2" DRIVE 6-POINT IMPACT SOCKET IN FRACTIONAL SIZES ON RAIL AND CLIPS

	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
	7412H	3/8"	7428H	7/8"	2585	Rail for clips and sockets 9"
	7414H	7/16"	7430H	15/16"		
TYPE II	7416H	1/2"	7432H	1"		
	7418H	9/16"	7434H	1 1/16"	2592	Socket Clips
	7420H	5/8"	7436H	1 1/8"		
	7422H	11/16"	7438H	1 3/16"		
	7424H	3/4"	7440H	1 1/4"		
	7426H	13/16"				



### 74102

11 PIECES

SET OF 11 1/2" DRIVE 6-POINT IMPACT SOCKET IN FRACTIONAL SIZES ON RAIL AND CLIPS

	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
	7416H	1/2"	7428H	7/8"	2585	Rail for clips and sockets 9"
TYPE II	7418H	9/16"	7430H	15/16"		
	7420H	5/8"	7432H	1"		
	7422H	11/16"	7434H	1 1/16"	2592	Socket Clips
	7424H	3/4"	7436H	1 1/8"		
	7426H	13/16"				








**SET OF 1/2" DRIVE DEEP 12-POINT IMPACT SOCKETS IN FRACTIONAL SIZES**

**74103**

13 PIECES

SET OF 13 SOCKETS 1/2" DRIVE DEEP 12 POINT IMPACT SOCKET SET ON RAIL AND CLIPS IN CARD-BOARD BOX IN FRACTIONAL SIZES






	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
	<b>7312</b>	3/8"	<b>7326</b>	13/16"		<b>2584</b> Rail for clips and sockets 6"
	<b>7314</b>	7/16"	<b>7328</b>	7/8"		
	<b>7316</b>	1/2"	<b>7330</b>	15/16"		<b>2591</b> Socket clip
	<b>7318</b>	9/16"	<b>7332</b>	1"		
	<b>7320</b>	5/8"	<b>7334</b>	1 1/16"		
	<b>7322</b>	11/16"	<b>7336</b>	1 1/8"		
	<b>7324</b>	3/4"				



**7400CA**

7 PIECES

SET OF 7 1/2" DRIVE 6-POINT IMPACT SOCKET IN FRACTIONAL SIZES ON RAIL AND CLIPS

	CODE	SIZE	CODE	DESCRIPTION
	<b>7416H</b>	1/2"		<b>2585</b> Rail for clips and sockets 9"
	<b>7418H</b>	9/16"		
	<b>7420H</b>	5/8"		<b>2592</b> Socket Clips
	<b>7422H</b>	11/16"		
	<b>7324H</b>	3/4"		
	<b>7326H</b>	13/16"		
	<b>7328H</b>	7/8"		









**SET OF 1/2" DRIVE DOUBLE-HEX 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES**

**7400DE**

7 PIECES

SET OF 7 1/2" DRIVE DOUBLE-HEX 6-POINT IMPACT SOCKET IN FRACTIONAL SIZES ON RAIL AND CLIPS

	CODE	DESCRIPTION	CODE	DESCRIPTION
	<b>742426</b>	Double hex in fraction 1/2" X 3/4" X 13/16"		<b>2585</b> Rail for clips and sockets 9"
	<b>741719M</b>	Double hex metric 1/2" X 17 mm X 19 mm		
	<b>741921M</b>	Double hex metric 1/2" X 19 mm X 21 mm		<b>2592</b> Socket Clips
	<b>742426T</b>	Double deep in fraction 1/2" X 3/4" X 13/16 "		
	<b>* 741921MT</b>	Double deep metric 1/2" X 19 mm X 21 mm		
	<b>* 7180P</b>	Extension 1/2" X 2"		
	<b>7181P</b>	Extension 1/2" X 5"		









\* Extra Thin Wall

**SET OF 1/2" DRIVE DEEP 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES**

**73112**

11 PIECES

SET OF 11 1/2" DRIVE DEEP 6-POINT IMPACT SOCKET IN FRACTIONAL SIZES ON RAIL AND CLIPS

	CODE	SIZE	CODE	DESCRIPTION
	<b>7316H</b>	1/2"		<b>2585</b> Rail for clips and sockets 9"
	<b>7318H</b>	9/16"		
	<b>7320H</b>	5/8"		<b>2592</b> Socket Clips
	<b>7322H</b>	11/16"		
	<b>7324H</b>	3/4"		
	<b>7326H</b>	13/16"		
	<b>7328H</b>	7/8"		
	<b>7330H</b>	15/16"		
	<b>7332H</b>	1"		
	<b>7334H</b>	1 1/16"		
	<b>7336H</b>	1 1/8"		





## SET OF 1/2" DRIVE DEEP METRIC 12-POINT IMPACT SOCKETS

### 74201

15 PIECES

SET OF 15 SOCKETS 1/2" DRIVE DEEP METRIC 12 POINT IMPACT SOCKET SET ON RAIL AND CLIPS IN CARDBOARD BOX

	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
	7410MT	10 mm	7418MT	18 mm	2584	Rail for clips and sockets 6"
	7411MT	11 mm	7419MT	19 mm	2585	Rail for clips and sockets 9"
	7412MT	12 mm	7420MT	20 mm	2592	Socket clip
	7413MT	13 mm	7421MT	21 mm		
	7414MT	14 mm	7422MT	22 mm		
	7415MT	15 mm	7423MT	23 mm		
	7416MT	16 mm	7424MT	24 mm		
	7417MT	17 mm				



## SET OF 1/2" DRIVE DEEP METRIC 12-POINT IMPACT SOCKETS

### 74203

15 PIECES

SET OF 15 SOCKETS 1/2" DRIVE DEEP METRIC 12 POINT IMPACT SOCKET SET ON RAIL AND CLIPS IN CARDBOARD BOX

	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
	7310MT	10 mm	7318MT	18 mm	2584	Rail for clips and sockets 6"
	7311MT	11 mm	7319MT	19 mm	2585	Rail for clips and sockets 9"
	7312MT	12 mm	7320MT	20 mm	2592	Socket clip
	7313MT	13 mm	7321MT	21 mm		
	7314MT	14 mm	7322MT	22 mm		
	7315MT	15 mm	7323MT	23 mm		
	7316MT	16 mm	7324MT	24 mm		
	7317MT	17 mm				



## SET OF 1/2" DRIVE METRIC 6-POINT IMPACT SOCKETS

### 74206

24 PIECES

SET OF 24 1/2" DRIVE METRIC 6-POINT IMPACT SOCKET ON RAIL AND CLIPS





	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
	7409M	9 mm	7417M	17 mm.	7425M	25 mm.	2585	Rail for clips and sockets 9"
	7410M	10 mm.	7418M	18 mm.	7426M	26 mm.		
	7411M	11 mm.	7419M	19 mm.	7427M	27 mm.	2592	Socket Clips
	7412M	12 mm.	7420M	20 mm.	7428M	28 mm.		
	7413M	13 mm.	7421M	21 mm.	7429M	29 mm.		
	7414M	14 mm.	7422M	22 mm.	7430M	30 mm.		
	7415M	15 mm.	7423M	23 mm.	7432M	32 mm.		
	7416M	16 mm.	7424M	24 mm.	7436M	36 mm.		



**74204M**

15 PIECES

**SET OF 15 1/2" DRIVE METRIC IMPACT 6-POINT SOCKET SET ON RAIL AND CLIP**





	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
TYPE II	7410M	10 mm	7415M	15 mm	7420M	20 mm	 <b>2585</b>	Rail for clips and sockets 9"
	7411M	11 mm	7416M	16 mm	7421M	21 mm		
	7412M	12 mm	7417M	17 mm	7422M	22 mm	 <b>2592</b>	Socket Clips
	7413M	13 mm	7418M	18 mm	7423M	23 mm		
	7414M	14 mm	7419M	19 mm	7424M	24 mm		



**74202M**

10 PIECES

**SET OF 10 1/2" DRIVE METRIC IMPACT 6-POINT SOCKET SET ON RAIL AND CLIP**





	CODE	SIZE	CODE	DESCRIPTION
TYPE II	7410M	10 mm	 <b>2585</b>	Rail for clips and sockets 9"
	7411M	11 mm		
	7412M	12 mm	 <b>2592</b>	Socket Clips
	7413M	13 mm		
	7414M	14 mm		
	7415M	15 mm		
	7416M	16 mm		
	7417M	17 mm		
	7418M	18 mm		
	7419M	19 mm		



**74110**

8 PIECES

**SET OF 8 1/2" DRIVE FRACTIONAL IMPACT 6-POINT SOCKET SET ON RAIL AND CLIP**





	CODE	SIZE	CODE	DESCRIPTION
TYPE II	7416H	1/2"	 <b>2585</b>	Rail for clips and sockets 9"
	7418H	9/16"		
	7420H	5/8"	 <b>2592</b>	Socket Clips
	7422H	11/16"		
	7424H	3/4"		
	7426H	13/16"		
	7428H	7/8"		
	7430H	15/16"		



**7400CAM**

7 PIECES

**SET OF 7 1/2" DRIVE METRIC IMPACT 6-POINT SOCKET SET ON RAIL AND CLIP**

	CODE	SIZE	CODE	DESCRIPTION
TYPE II	7413M	13 mm	 <b>2585</b>	Rail for clips and sockets 9"
	7414M	14 mm		
	7415M	15 mm	 <b>2592</b>	Socket Clips
	7416M	16 mm		
	7418M	18 mm		
	7317M	17 mm		
	7321M	21 mm		



## 74108

6 PIECES

### SET OF 6 1/2" DRIVE FRACTIONAL IMPACT 6-POINT SOCKET SET ON RAIL AND CLIP

CODE	SIZE	CODE	DESCRIPTION
7416H	1/2"	2585	Rail for clips and sockets 9"
7418H	9/16"	2592	Socket Clips
7420H	5/8"		
7422H	11/16"		
7424H	3/4"		
7426H	13/16"		



## SET OF 1/2" DRIVE DEEP METRIC 6-POINT IMPACT SOCKETS

4

## 74216

25 PIECES

### SET OF 25 1/2" DRIVE DEEP METRIC 6 POINT SOCKET SET ON RAIL AND CLIP

CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
7308M	8 mm	7317M	17 mm	7325M	25 mm	2585	Rail for clips and sockets 9"
7309M	9 mm	7318M	18 mm	7326M	26 mm		
7310M	10 mm	7319M	19 mm	7327M	27 mm	2592	Socket Clips 1/2"
7311M	11 mm	7320M	20 mm	7328M	28 mm		
7312M	12 mm	7321M	21 mm	7329M	29 mm		
7313M	13 mm	7322M	22 mm	7330M	30 mm		
7314M	14 mm	7323M	23 mm	7332M	32 mm		
7315M	15 mm	7324M	24 mm	7336M	36 mm		
7316M	16 mm						



## 73214M

15 PIECES

### SET OF 16 1/2" DRIVE DEEP METRIC 6 POINT SOCKET SET ON RAIL AND CLIP

CODE	SIZE	CODE	SIZE	CODE	DESCRIPTION
7310M	10 mm	7318M	18 mm	2585	Rail for clips and sockets 9"
7311M	11 mm	7319M	19 mm		
7312M	12 mm	7320M	20 mm	2592	Socket Clips
7313M	13 mm	7321M	21 mm		
7314M	14 mm	7322M	22 mm		
7315M	15 mm	7323M	23 mm		
7316M	16 mm	7324M	24 mm		
7317M	17 mm				



## 73212M

10 PIECES

### SET OF 10 1/2" DRIVE DEEP METRIC 6 POINT SOCKET SET ON RAIL AND CLIP

CODE	SIZE	CODE	DESCRIPTION
7310M	10 mm	2585	Rail for clips and sockets 9"
7311M	11 mm		
7312M	12 mm	2592	Socket Clips
7313M	13 mm		
7314M	14 mm		
7315M	15 mm		
7316M	16 mm		
7317M	17 mm		
7318M	18 mm		
7319M	19 mm		





**1/2" IMPACT SOCKET BIT SETS**

**74150**

6 PIECES

**1/2" HEX STANDARD IMPACT SOCKET BIT SET IN METAL BOX**

CODE	TIP SIZE						Scales		SUPER DRIVE
	3/16"	7/32"	1/4"	5/16"	3/8"	7/16"	grs	lb	
74150							4500	9.92	





**74250**

6 PIECES

**1/2" HEX METRIC IMPACT SOCKET BIT SET IN METAL BOX**

CODE	TIP SIZE						Scales		SUPER DRIVE
	4	6	8	10	12	14	grs	lb	
74250							1120	2.46	





**74300**

9 PIECES

**1/2" TORX FEMALE IMPACT SOCKET BIT SET IN PLASTIC BOX**

CODE	TIP SIZE									Scales		SUPER DRIVE
	E10	E11	E12	E14	E16	E18	E20	E22	E24	grs	lb	
74300										1275	2.80	





**74400**

9 PIECES

**1/2" TORX IMPACT SOCKET BIT SET IN METAL BOX**

CODE	TIP SIZE									Scales		SUPER DRIVE
	T20	T25	T27	T30	T40	T45	T50	T55	T60	grs	lb	
74400										1350	2.97	






**74ET17**

16 PIECES

**1/2" TORX IMPACT SOCKET BIT SET IN PLASTIC BOX**

CODE	TIP SIZE														Scales		SUPER DRIVE		
	T40	T45	T47	T50	T55	T60	T70	E10	E11	E12	E14	E16	E18	E20	E22	E24		grs	lb
74ET17																	1860	2.97	



## 1/2" DRIVE IMPACT EXTENSIONS

This accessory lets you work on screws in tight or deep spaces where an impact wrench can't reach, available in a variety of lengths. The maximum recommended torque for a 1/2" extension of any length is 3500 in-lbs.

### 718XP

CODE	DRIVE SIZE		LENGTH				TORQUE STRENGTH	
	in	mm	in	mm	grs	lbs	ASME/ANSI B107.2	
7180P	1/2"	12.7	2"	50.8	240	0.52	3500	
7181P	1/2"	12.7	5"	127	450	0.99	3500	
7184P	1/2"	12.7	8 3/4"	222	750	1.65	3500	

ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



1/2"



7180P

Made of high-quality, high strength micro-alloy steel with black finish to prevent corrosion and no risk of surface chipping or flaking.



7181P

To achieve the right balance between hardness and strength, extensions are heat treated in controlled-atmosphere furnaces.



7184P

4

## 1/2" DRIVE IMPACT UNIVERSAL JOINT

This accessory offers the advantages of a jointed handle when it is installed between the impact wrench or extension and the socket, letting you access nuts or bolts at a variety of angles.

### 7470P

CODE	DRIVE SIZE		LENGTH				TORQUE STRENGTH	
	in	mm	in	mm	grs	lbs	ASME/ANSI B107.2	
7470P	1/2"	12.7	2 3/8"	60	263	0.57	3500	

ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



1/2"

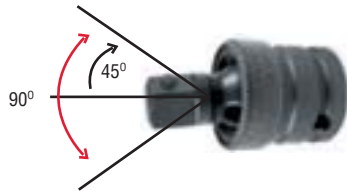
SUPER DRIVE



CODE 7470P

1/2" drive impact universal joint

The impact universal joint lets you use impact sockets in hard-to-reach spaces, working at an angle of up to 90°. This tool is the link between the impact socket and the impact extension, driven by a pneumatic tool.



## 1/2" DRIVE IMPACT ADAPTERS

These accessories let you work with 3/8" or 3/4" square drive sockets using 1/2" handles.

### 765X

CODE	DESCRIPTION	LENGTH		SQUARE DRIVE SIZE		TORQUE STRENGTH	
		in	mm	F	M	grs	lbs
7652	1/2" F x 3/4" M	1 7/8"	48	1/2"	3/4"	159	0.35
7651	1/2" F x 3/8" M	1 1/2"	38	1/2"	3/8"	82	0.18



1/2"

SUPER DRIVE



Female



Male



7652



7651



The line of 1/2" impact sockets, like the 3/8" line, is used primarily for automotive maintenance and general mechanical work. They can handle higher torques and require more work space, with wider application ranges:

Socket hex size: 3/8" - 1-1/2" and 8-36 mm.

Torque applications for sockets, handles, and accessories: 1100-5000 in-lbs

To keep your sockets and accessories neat and orderly, we recommend using the various organization and storage options presented in section 2 of this catalog.

### 1/2" DRIVE 12-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

#### 74XX

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DRIVE-END	HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	in	in				grs	lbs	lb - in
7412	3/8"	9.5	1 1/2"	38.1	5/8"	7/8"	1/2"	I	72	0.159	1110	
7414	7/16"	11.1	1 1/2"	38.1	11/16"	7/8"	1/2"	I	66	0.146	1500	
7416	1/2"	12.7	1 1/2"	38.1	13/16"	15/16"	1/2"	I	77	0.170	2000	
7418	9/16"	14.3	1 1/2"	38.1	7/8"	15/16"	1/2"	I	79	0.174	2600	
7420	5/8"	15.9	1 1/2"	38.1	1"	1"	1/2"	II	90	0.198	3300	
7422	11/16"	17.5	1 1/2"	38.1	1 1/16"	1 1/16"	1/2"	II	204	0.450	4100	
7424	3/4"	19.1	1 1/2"	38.1	1 1/8"	1 1/8"	1/2"	II	111	0.245	5000	
7426	13/16"	20.6	1 1/2"	38.1	1 3/16"	1 3/16"	1/2"	II	123	0.271	5000	
7428	7/8"	22.2	1 1/2"	38.1	1 5/16"	1 5/16"	1/2"	II	165	0.364	5000	
7430	15/16"	23.8	1 1/2"	38.1	1 3/8"	1 3/8"	1/2"	II	197	0.434	5000	
7432	1"	25.4	1 1/2"	38.1	1 7/16"	1 7/16"	9/16"	II	215	0.474	5000	
7434	1 1/16"	26.9	1 17/32"	39.7	1 1/2"	1 1/2"	5/8"	II	570	1.25	5000	
7436	1 1/8"	28.5	1 17/32"	39.7	1 9/16"	1 9/16"	5/8"	II	820	1.80	5000	
7438	1 3/16"	30.1	1 17/32"	39.7	1 5/8"	1 5/8"	5/8"	II	850	1.87	5000	
7440	1 1/4"	31.7	1 17/32"	39.7	1 3/4"	1 3/4"	5/8"	II	870	1.91	5000	
7442	1 5/16"	33.3	1 11/16"	43.0	1 3/4"	1 3/4"	3/4"	II	920	2.02	5000	
7444	1 3/8"	34.9	1 15/16"	49.2	1 7/8"	1 3/4"	15/16"	II	960	2.11	5000	
7446	1 7/16"	36.5	1 15/16"	49.2	2"	1 3/4"	15/16"	II	1010	2.22	5000	
7448	1 1/2"	38.1	1 15/16"	49.2	2 1/8"	1 3/4"	15/16"	II	1090	2.40	5000	



TYPE I



TYPE II



STANDARDS: ASME B107.2  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129

### 1/2" DRIVE 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

#### 74XXH

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DRIVE-END	HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	in	in				grs	lbs	lb - in
7412H	3/8"	9.5	1 1/2"	38.1	5/8"	7/8"	7/16"	I	150	0.33	1100	
7414H	7/16"	11.1	1 1/2"	38.1	11/16"	7/8"	7/16"	I	150	0.33	1500	
7416H	1/2"	12.7	1 1/2"	38.1	3/4"	7/8"	7/16"	I	180	0.40	2000	
7418H	9/16"	14.3	1 1/2"	38.1	7/8"	15/16"	7/16"	I	180	0.40	2600	
7420H	5/8"	15.9	1 1/2"	38.1	1"	1"	7/16"	II	210	0.46	3300	
7422H	11/16"	17.5	1 1/2"	38.1	1 1/16"	1 1/16"	1/2"	II	230	0.51	4100	
7424H	3/4"	19.1	1 1/2"	38.1	1 1/8"	1 1/8"	1/2"	II	250	0.55	5000	
7426H	13/16"	20.6	1 1/2"	38.1	1 3/16"	1 3/16"	1/2"	II	270	0.60	5000	
7428H	7/8"	22.2	1 1/2"	38.1	1 1/4"	1 1/4"	1/2"	II	350	0.77	5000	
7430H	15/16"	23.8	1 1/2"	44.4	1 5/16"	1 5/16"	1/2"	II	450	0.99	5000	
7432H	1"	25.4	1 1/2"	44.4	1 3/8"	1 3/8"	9/16"	II	490	1.08	5000	
7434H	1 1/16"	27.0	1 9/16"	50.8	1 1/2"	1 1/2"	5/8"	II	570	1.26	5000	
7436H	1 1/8"	28.5	1 9/16"	50.8	1 9/16"	1 9/16"	5/8"	II	820	1.81	5000	
7438H	1 3/16"	30.1	1 9/16"	50.8	1 5/8"	1 5/8"	5/8"	II	850	1.87	5000	
7440H	1 1/4"	31.7	1 9/16"	50.8	1 3/4"	1 3/4"	5/8"	II	870	1.92	5000	
7442H	1 5/16"	33.3	1 11/16"	50.8	1 3/4"	1 3/4"	3/4"	II	920	2.03	5000	
7444H	1 3/8"	34.9	1 15/16"	50.8	1 7/8"	1 7/8"	15/16"	III	960	2.12	5000	
7446H	1 7/16"	36.5	1 15/16"	50.8	2"	2"	15/16"	III	1010	2.23	5000	
7448H	1 1/2"	38.1	1 15/16"	50.8	2 1/16"	2 1/16"	15/16"	III	1090	2.40	5000	



TYPE I



TYPE II



TYPE III



STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129

## 1/2" DRIVE DEEP 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 73XXH

CODE	HEX SIZE		LENGTH		OUTER DIAMETER HEX-END		OUTER DIAMETER DRIVE-END		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	in	in	in	grs			lbs	lb - in	
7312H	3/8"	9.5	3 1/4"	77.7	5/8"	7/8"	9/16"	I	160	0.35	1100		
7314H	7/16"	11.1	3 1/4"	77.7	11/16"	7/8"	9/16"	I	160	0.35	1500		
7316H	1/2"	12.7	3 1/4"	77.7	3/4"	7/8"	9/16"	I	180	0.40	2000		
7318H	9/16"	14.2	3 1/4"	77.7	7/8"	15/16"	15/16"	I	180	0.40	2600		
7320H	5/8"	15.8	3 1/4"	77.7	15/16"	15/16"	15/16"	II	200	0.44	3300		
7322H	11/16"	17.4	3 1/4"	77.7	1 1/16"	1 1/16"	15/16"	II	200	0.44	4100		
7324H	3/4"	19.0	3 1/4"	77.7	1 1/8"	1 1/8"	15/16"	II	330	0.73	5000		
7326H	13/16"	20.6	3 1/4"	77.7	1 3/16"	1 3/16"	15/16"	II	440	0.97	5000		
7328H	7/8"	22.2	3 9/16"	77.7	1 1/4"	1 1/4"	15/16"	II	440	0.97	5000		
7330H	15/16"	23.8	3 9/16"	77.7	1 5/16"	1 5/16"	15/16"	II	450	0.99	5000		
7332H	1"	25.4	3 9/16"	77.7	1 3/8"	1 3/8"	15/16"	II	520	1.15	5000		
7334H	1 1/16"	26.9	3 9/16"	77.7	1 1/2"	1 1/2"	15/16"	II	710	1.57	5000		
7336H	1 1/8"	28.5	3 9/16"	77.7	1 9/16"	1 1/2"	15/16"	II	800	1.76	5000		
7340H	1 1/4"	31.8	3 1/2"	88.9	1"	1 3/4"	15/16"	II	820	1.80	5000		



STANDARDS: ASME/ANSI B107.2  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



4

## 1/2" DRIVE DEEP 12-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 73XX

CODE	HEX SIZE		LENGTH		OUTER DIAMETER HEX-END		OUTER DIAMETER DRIVE-END		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	in	in	in	grs			lbs	lb - in	
7312	3/8"	9.5	3 1/4"	82.5	5/8"	7/8"	9/16"	I	146	0.32	1100		
7314	7/16"	11.1	3 1/4"	82.5	11/16"	7/8"	9/16"	I	146	0.32	1500		
7316	1/2"	12.7	3 1/4"	82.5	13/16"	7/8"	9/16"	I	150	0.33	2000		
7318	9/16"	14.2	3 1/4"	82.5	7/8"	15/16"	15/16"	I	180	0.39	2600		
7320	5/8"	15.8	3 1/4"	82.5	15/16"	15/16"	15/16"	II	180	0.39	3300		
7322	11/16"	17.4	3 1/4"	82.5	1"	1"	15/16"	II	200	0.44	4100		
7324	3/4"	19.0	3 1/4"	82.5	1 1/8"	1 1/8"	1"	II	240	0.52	5000		
7326	13/16"	20.6	3 1/4"	82.5	1 3/16"	1 3/16"	1"	II	240	0.52	5000		
7328	7/8"	22.2	3 1/4"	82.5	1 1/4"	1 1/4"	1"	II	240	0.52	5000		
7330	15/16"	23.8	3 9/16"	90.0	1 3/8"	1 3/8"	1"	II	364	0.80	5000		
7332	1"	25.4	3 9/16"	90.0	1 7/16"	1 7/16"	1"	II	364	0.80	5000		
7334	1 1/16"	26.9	3 9/16"	90.0	1 1/2"	1 1/2"	1"	II	498	1.09	5000		
7336	1 1/8"	28.5	3 9/16"	90.0	1 9/16"	1 9/16"	1"	II	404	0.89	5000		
7338	1 3/16"	30.1	3 9/16"	90.0	1 3/16"	1 5/8"	15/16"	III	890	1.96	5000		
7340	1 1/4"	31.7	3 9/16"	90.0	1 1/4"	1 3/4"	15/16"	III	980	2.16	5000		
7342	1 5/16"	33.3	3 9/16"	90.0	1 5/16"	1 13/16"	15/16"	III	1070	2.35	5000		
7344	1 3/8"	34.9	3 9/16"	90.0	1 3/8"	1 15/16"	15/16"	III	1160	2.55	5000		
7346	1 7/16"	36.5	3 9/16"	90.0	1 7/16"	2"	15/16"	III	1250	2.75	5000		
7348	1 1/2"	38.1	3 9/16"	90.0	1 1/12"	2 1/16"	15/16"	III	1340	2.95	5000		



STANDARDS: ASME B107.2  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



**1/2" DRIVE METRIC 12-POINT IMPACT SOCKETS**

**74XXMT**

CODE	HEX SIZE	LENGTH		OUTER DIAMETER		DRIVE-END	HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.33		
		in	mm	mm	mm				grs	lbs	lb - in
7410MT	10	1 1/2	38	17	22	12.7	I	64	0.141	1354	
7411MT	11	1 1/2	38	18	22	12.7	I	64	0.141	1505	
7412MT	12	1 1/2	38	19	22	12.7	I	79	0.174	1797	
7413MT	13	1 1/2	38	20	24	12.7	I	74	0.163	2204	
7414MT	14	1 1/2	38	22	24	12.7	I	76	0.168	2496	
7415MT	15	1 1/2	38	23	25	12.7	I	94	0.207	3000	
7416MT	16	1 1/2	38	25	25	12.7	II	90	0.198	3602	
7417MT	17	1 1/2	38	27	27	12.7	II	104	0.229	4204	
7418MT	18	1 1/2	38	28	28	12.7	II	117	0.258	4797	
7419MT	19	1 1/2	38	28	28	12.7	II	110	0.243	5001	
7420MT	20	1 1/2	38	33	33	12.7	II	130	0.287	5045	
7421MT	21	1 1/2	38	33	33	12.7	II	168	0.370	5045	
7422MT	22	1 1/2	38	33	33	12.7	II	156	0.344	5045	
7423MT	23	1 1/2	38	35	35	19.0	II	205	0.452	5045	
7424MT	24	1 1/2	38	35	35	19.0	II	200	0.441	5045	
7425MT	25	1 1/2	38	37	37	25.4	II	200	0.441	5045	
7426MT	26	1 1/2	38	38	38	25.4	II	250	0.551	5045	
7427MT	27	1 9/16	40	38	38	25.4	II	252	0.556	5045	
7428MT	28	1 9/16	40	40	40	25.4	II	244	0.538	5045	
7429MT	29	1 9/16	40	40	40	25.4	II	236	0.520	5045	
7430MT	30	1 9/16	40	42	42	25.4	II	260	0.573	5045	
7432MT	32	2	50.8	44	38	16.0	II	3750	8.267	5045	



STANDARDS:  
ASME/ANSI B107.4  
ISO 1174 and 2725 DIN 3129



**TYPE I**



**TYPE II**

**1/2" DRIVE METRIC 6-POINT IMPACT SOCKETS**

**74XXM**

CODE	HEX SIZE	LENGTH		OUTER DIAMETER		DRIVE-END	HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.33		
		in	mm	in	in				in	grs	lbs
7409M	9	1 1/2"	38.1	9/16"	7/8"	1/2"	I	150	0.33	1100	
7410M	10	1 1/2"	38.1	5/8"	7/8"	1/2"	I	150	0.33	1500	
7411M	11	1 1/2"	38.1	11/16"	7/8"	1/2"	I	150	0.33	1500	
7412M	12	1 1/2"	38.1	3/4"	7/8"	1/2"	I	180	0.40	2000	
7413M	13	1 1/2"	38.1	13/16"	15/16"	1/2"	I	180	0.40	2600	
7414M	14	1 1/2"	38.1	7/8"	15/16"	1/2"	I	180	0.40	2600	
7415M	15	1 1/2"	38.1	7/8"	1"	1/2"	II	220	0.49	3300	
7416M	16	1 1/2"	38.1	1"	1"	1/2"	II	220	0.49	3300	
7417M	17	1 1/2"	38.1	1 1/16"	1 1/16"	1/2"	II	250	0.55	4100	
7418M	18	1 1/2"	38.1	1 1/16"	1 1/16"	1/2"	II	270	0.60	5000	
7419M	19	1 1/2"	38.1	1 1/8"	1 1/8"	1/2"	II	270	0.60	5000	
7420M	20	1 1/2"	38.1	1 3/16"	1 3/16"	1/2"	II	260	0.57	5000	
7421M	21	1 1/2"	38.1	1 3/16"	1 3/16"	1/2"	II	390	0.86	5000	
7422M	22	1 1/2"	38.1	1 1/4"	1 1/4"	1/2"	II	390	0.86	5000	
7423M	23	1 1/2"	38.1	1 1/4"	1 1/4"	1/2"	II	490	1.08	5000	
7424M	24	1 1/2"	38.1	1 5/16"	1 5/16"	1/2"	II	490	1.08	5000	
7425M	25	1 1/2"	38.1	1 7/16"	1 7/16"	1/2"	II	540	1.19	5000	
7426M	26	1 1/2"	38.1	1 7/16"	1 7/16"	1/2"	II	630	1.39	5000	
7427M	27	1 9/16"	39.6	1 1/2"	1 1/2"	5/8"	II	630	1.39	5000	
7428M	28	1 9/16"	39.6	1 9/16"	1 9/16"	5/8"	II	730	1.61	5000	
7429M	29	1 9/16"	39.6	1 9/16"	1 9/16"	5/8"	II	760	1.68	5000	
7430M	30	1 9/16"	39.6	1 5/8"	1 5/8"	5/8"	II	830	1.83	5000	
7432M	32	1 9/16"	39.6	1 11/16"	1 11/16"	5/8"	II	850	1.87	5000	
7433M	33	1 9/16"	41.2	1 3/4"	1 3/4"	5/8"	II	870	1.92	5000	
7434M	34	1 11/16"	41.2	1 3/4"	1 3/4"	3/4"	II	930	2.05	5000	
7436M	36	2"	50.8	1 15/16"	1 15/16"	15/16"	II	1080	2.38	5000	



STANDARDS:  
ASME/ANSI B107.4  
ISO 1174 and 2725 DIN 3129



**TYPE I**



**TYPE II**

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

### 73XXMT

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH		
	mm	in	mm	in	mm	mm			grs	lbs	lb - in
7310MT	10	3 1/4"	83	17	22	22	15.9	I	148	0.326	1354
7311MT	11	3 1/4"	83	18	22	22	15.9	I	150	0.331	1505
7312MT	12	3 1/4"	83	19	22	22	15.9	I	160	0.353	1797
7313MT	13	3 1/4"	83	20	24	24	15.9	I	160	0.353	2204
7314MT	14	3 1/4"	83	22	24	24	23.8	I	170	0.375	2496
7315MT	15	3 1/4"	83	24	24	24	25.4	II	170	0.375	3000
7316MT	16	3 1/4"	83	24	24	24	25.4	II	180	0.397	3602
7317MT	17	3 1/4"	83	26	26	26	25.4	II	180	0.397	4204
7318MT	18	3 1/4"	83	26	26	26	25.4	II	200	0.441	4792
7319MT	19	3 1/4"	83	28	28	28	25.4	II	200	0.441	5001
7320MT	20	3 1/4"	83	30	30	30	25.4	II	278	0.613	5045
7321MT	21	3 1/4"	83	30	30	30	25.4	II	278	0.613	5045
7322MT	22	3 9/16"	90.4	32	32	32	25.4	II	192	0.423	5045
7323MT	23	3 9/16"	90.4	32	32	32	25.4	II	270	0.595	5045
7324MT	24	3 9/16"	90.4	34	34	34	25.4	II	320	0.705	5045
7325MT	25	3 9/16"	90.4	36	36	36	25.4	II	372	0.820	5045
7326MT	26	3 9/16"	90.4	36	36	36	25.4	II	362	0.798	5045
7327MT	27	3 9/16"	90.4	38	38	38	25.4	II	401	0.884	5045
7328MT	28	3 9/16"	90.4	40	38	38	25.4	III	411	0.906	5045
7329MT	29	3 9/16"	90.4	40	38	38	25.4	III	406	0.895	5045
7330MT	30	3 9/16"	90.4	42	38	38	34.9	III	451	0.994	5045
7332MT	32	3 1/2"	88.9	44	38	38	16.0	III	1090	2.403	5045



STANDARDS:  
ASME/ANSI B107.4  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II



TYPE III

4

## 1/2" DRIVE DEEP METRIC 6-POINT IMPACT SOCKETS

### 73XXM

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH		
	mm	in	mm	in	mm	mm			grs	lbs	lb - in
7308M	8	3 5/16"	77.7	9/16"	7/8"	7/8"	1/2"	I	290	0.64	1100
7309M	9	3 5/16"	77.7	9/16"	7/8"	7/8"	1/2"	I	300	0.66	1100
7310M	10	3 5/16"	77.7	11/16"	7/8"	7/8"	1/2"	I	310	0.68	1500
7311M	11	3 5/16"	77.7	11/16"	7/8"	7/8"	1/2"	I	320	0.71	1500
7312M	12	3 5/16"	77.7	3/4"	15/16"	15/16"	1/2"	I	360	0.79	2000
7313M	13	3 5/16"	77.7	13/16"	15/16"	15/16"	1/2"	I	360	0.79	2600
7314M	14	3 5/16"	77.7	7/8"	15/16"	15/16"	15/16"	II	370	0.82	2600
7315M	15	3 5/16"	77.7	15/16"	15/16"	15/16"	15/17"	II	380	0.84	3300
7316M	16	3 5/16"	77.7	1 1/16"	1 1/16"	1 1/16"	15/18"	II	390	0.86	3300
7317M	17	3 5/16"	77.7	1 1/16"	1 1/16"	1 1/16"	15/19"	II	440	0.97	4100
7318M	18	3 5/16"	77.7	1 1/8"	1 1/8"	1 1/8"	15/20"	II	420	0.93	5000
7319M	19	3 5/16"	77.7	1 3/16"	1 3/16"	1 3/16"	15/21"	II	460	1.01	5000
7320M	20	3 5/16"	77.7	1 3/16"	1 3/16"	1 3/16"	15/22"	II	540	1.19	5000
7321M	21	3 5/16"	77.7	1 1/4"	1 1/4"	1 1/4"	15/23"	II	540	1.19	5000
7322M	22	3 9/16"	77.7	1 1/4"	1 1/4"	1 1/4"	15/24"	II	740	1.63	5000
7323M	23	3 9/16"	77.7	1 5/16"	1 5/16"	1 5/16"	15/25"	II	810	1.79	5000
7324M	24	3 9/16"	77.7	1 7/16"	1 7/16"	1 7/16"	15/26"	II	840	1.85	5000
7325M	25	3 9/16"	77.7	1 7/16"	1 7/16"	1 7/16"	15/27"	II	910	2.01	5000
7326M	26	3 9/16"	77.7	1 1/2"	1 1/2"	1 1/2"	15/28"	II	1030	2.27	5000
7327M	27	3 9/16"	77.7	1 9/16"	1 9/16"	1 9/16"	15/29"	II	1050	2.31	5000
7328M	28	3 9/16"	77.7	1 9/16"	1 1/2"	1 1/2"	15/30"	II	1070	2.36	5000
7329M	29	3 9/16"	77.7	1 5/8"	1 1/2"	1 1/2"	15/31"	II	1070	2.36	5000
7330M	30	3 9/16"	77.7	1 3/4"	1 1/2"	1 1/2"	15/32"	II	1070	2.36	5000
7332M	32	3 9/16"	77.7	1 3/4"	1 1/2"	1 1/2"	15/33"	II	1090	2.40	5000
7334M	34	3 9/16"	77.7	1 13/16"	1 1/2"	1 1/2"	1 7/16"	II	1100	2.43	5000
7335M	35	3 9/16"	77.7	1 15/16"	1 1/2"	1 1/2"	1 7/16"	II	1120	2.47	5000
7336M	36	3 9/16"	77.7	1 15/16"	1 1/2"	1 1/2"	1 7/16"	II	1120	2.47	5000



STANDARDS:  
ASME/ANSI B107.4  
ISO 1174 and 2725 DIN 3129





TYPE I



TYPE II

**1/2" DRIVE DOUBLE-HEX 6-POINT IMPACT SOCKETS IN FRACTIONAL AND METRIC SIZES**

**74XXXXM**

CODE	HEX SIZE	HEX SIZE	LENGTH	DIAMETER HEX		DIAMETER HEX		HEX-END DEPTH		HEX-END DEPTH		TYPE	
				mm	in	mm	in	mm	in	mm	in		
<b>742426</b>	3/4"	13/16"	70	2 3/4"	28	1 7/64"	30	1 3/16"	13	33/64"	16	5/8"	I
<b>741719M</b>	17 mm	19 mm	58	2 9/32"	26	1 1/32"	28	1 7/16"	13	33/64"	16	5/8"	I
<b>741921M</b>	19 mm	21 mm	58	2 9/32"	28	1 7/64"	30	1 3/16"	13	33/64"	16	5/8"	I



DEEP IMPACT SOCKETS



SUPER DRIVE



**742426**





**CODE 742426**

1/2" drive double-hex impact sockets in fractional and metric sizes

Used primarily for changing tires or wheels with conventional rims, this socket has two hexs with different sizes and the handle drive in the middle of the socket. Can be used with long-shaft pneumatic pistols or with standard-shaft pistols and impact extensions.

**1/2" DRIVE DEEP DOUBLE-HEX 6-POINT IMPACT SOCKETS WITH EXTRA-THIN WALL, IN FRACTIONAL AND METRIC SIZES**

**74XXXXMT**

CODE	HEX SIZE	HEX SIZE	LENGTH	DIAMETER HEX		DIAMETER HEX		HEX-END DEPTH		HEX-END DEPTH		TYPE	
				mm	in	mm	in	mm	in	mm	in		
<b>742426T</b>	3/4"	13/16"	76	3"	26	1 1/32"	28	1 7/64"	20	25/32"	22	7/8"	II
<b>741921MT</b>	19 mm	21 mm	76	3"	26	1 1/32"	28	1 7/64"	20	25/32"	22	7/8"	II



DEEP IMPACT SOCKETS



SUPER DRIVE



**742426T**



**CODE 742426T**

1/2" drive long double-hex 6-point impact sockets with extra-thin wall, in fractional and metric sizes

Used primarily for changing tires or wheels with sport rims, this socket has two hexs with different sizes and the handle drive in the middle of the socket. For rims on which the stud housing is extremely tight. Can be used with long-shaft pneumatic pistols or with standard-shaft pistols and impact extensions.



## SETS OF 3/4" DRIVE 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 750010

10 PIECES

3/4" DRIVE 10 PC FRACTIONAL IMPACT SOCKET SET 6 POINT IN CARDBOARD BOX

CODE	SIZE
7512	3/4"
7513	13/16"
7514	7/8"
7515	15/16"
7516	1"
7517	1 1/16"
7518	1 1/8"
7519	1 3/16"
7520	1 1/4"
7521	1 5/16"



4

## SETS OF 3/4" DRIVE DEEP 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 750010L

10 PIECES

3/4" DRIVE 10 PC FRACTIONAL DEEP IMPACT SOCKET SET 6 POINT IN CARDBOARD BOX

CODE	SIZE
7512L	3/4"
7513L	13/16"
7514L	7/8"
7515L	15/16"
7516L	1"
7517L	1 1/16"
7518L	1 1/8"
7519L	1 3/16"
7520L	1 1/4"
7521L	1 5/16"



## SETS OF 3/4" DRIVE METRIC 6-POINT IMPACT SOCKETS

### 750015

15 PIECES

3/4" DRIVE 15 PC METRIC IMPACT SOCKET SET 6 POINT IN CARDBOARD BOX

CODE	SIZE	CODE	SIZE
7517M	17mm	7526M	26mm
7519M	19mm	7527M	27mm
7520M	20mm	7528M	28mm
7521M	21mm	7529M	29mm
7522M	22mm	7530M	30mm
7523M	23mm	7531M	31mm
7524M	24mm	7532M	32mm
7525M	25mm		



**SETS OF 3/4" DRIVE DEEP METRIC 6-POINT IMPACT SOCKETS**

**750011ML**

11 PIECES

**3/4" DRIVE 11 PC DEEP METRIC IMPACT SOCKET SET 6 POINT IN CARDBOARD BOX**

CODE	SIZE
7519ML	19mm
7520ML	20mm
7521ML	21mm
7522ML	22mm
7523ML	23mm
7524ML	24mm
7525ML	25mm
7526ML	26mm
7527ML	27mm
7530ML	30mm
7532ML	32mm



*SUPER DRIVE*

**3/4" HEX IMPACT SOCKET BIT SET**

**75150**

6 PIECES

**3/4" HEX STANDARD IMPACT SOCKET METRIC BIT SET IN METAL BOX**

CODE	TIP SIZE						Scales	
	1/2"	9/16"	5/8"	3/4"	7/8"	1"	grs	lb
75150							4500	9.92



*SUPER DRIVE*



**75250**

6 PIECES

**3/4" HEX METRIC IMPACT SOCKET BIT SET IN METAL BOX**

CODE	TIP SIZE						Scales	
	12	14	17	19	22	24	grs	lb
75250							4500	9.92



*SUPER DRIVE*



## 3/4" DRIVE IMPACT EXTENSIONS

This accessory lets you work on screws in tight or deep spaces where an impact wrench can't reach, available in a variety of lengths. The maximum recommended torque for a 3/4" extension of any length is 9000 in-lbs.

To keep your sockets and accessories neat and orderly, we recommend using the various organization and storage options presented in section 2 of this catalog.

### 75XX

CODE	DRIVE SIZE		LENGTH		WEIGHT		TORQUE STRENGTH	
	in	mm	in	mm	grs	lbs	ASME/ANSI B107.2	lb - in
7567	3/4"	19.0	7 1/8"	181.0	200	0.44	9000	
7568	3/4"	19.0	10 1/8"	257.2	250	0.55	9000	
7569	3/4"	19.0	13"	330.2	320	0.70	9000	

STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



7567



7568



7569

To achieve the right balance between hardness and strength, extensions are heat treated in controlled-atmosphere furnaces.






Manufactured from high-quality, high-strength micro-alloy steel. Black finish prevents corrosion and presents no risk of surface chipping or flaking.

## 3/4" DRIVE IMPACT UNIVERSAL JOINT

This accessory offers the advantages of a jointed handle when it is installed between the impact wrench or extension and the socket, letting you access nuts or bolts at a variety of angles.

### 7570

CODE	DRIVE SIZE		LENGTH		WEIGHT	
	in	mm	in	mm	grs	lbs
7570	3/4"	19.0	4 1/8"	105	712	1.56



## 3/4" DRIVE IMPACT ADAPTERS

These accessories let you work with 1/2" or 1" square drive sockets using 3/4" handles.

### 765X

CODE	DESCRIPTION	LENGTH		SQUARE DRIVE SIZE		WEIGHT	
		in	mm	F	M	grs	lbs
7655	3/4" F x 1" M	2 1/2"	63	3/4"	1"	399	0.87
7653	3/4" F x 1/2" M	2 3/16"	56	3/4"	1/2"	159	0.35



Female



Male



7655



7653

The line of 3/4" impact sockets is for heavy mechanical work such as truck maintenance or industrial plant work. The application ranges are as follows: Socket hex size: 9/16" to 2 3/8" and 17 to 50 mm. Torque applications for sockets, handles, and accessories: 3700-18,000 in-lbs

## 3/4" DRIVE 12-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 75XXT

CODE	HEX SIZE	LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2			
		in	mm	HEX-END	DRIVE-END			grs	lbs	lb - in	
7509T	9/16"	1 15/16"	49.29	1	25.4	1 5/8	19/32	I	410	0.9039	3700
7510T	5/8"	1 15/16"	49.29	1 1/64	25.7	1 5/8	21/32	I	395	0.8708	4400
7511T	11/16"	1 15/16"	49.29	1 1/8	28.5	1 5/8	21/32	I	388	0.8554	5100
7512T	3/4"	1 15/16"	49.29	1 1/8	28.5	1 5/8	11/16	I	375	0.8267	6000
7513T	13/16"	1 15/16"	49.29	1 3/8	34.9	1 5/8	11/16	I	374	0.8245	6800
7514T	7/8"	2"	50.90	1 1/2	38.1	1 5/8	23/32	I	393	0.8664	7700
7515T	15/16"	2"	50.90	1 19/32	40.4	1 3/16	23/32	II	402	0.8863	8700
7516T	1"	2 1/16"	52.47	1 19/32	40.4	1 3/16	25/32	II	401	0.8841	9700
7517T	1 1/16"	2 1/16"	52.47	1 5/8	41.2	1 5/8	25/32	II	424	0.9348	10800
7518T	1 1/8"	2 3/16"	55.65	1 3/4	44.4	1 3/4	7/8	II	494	1.0891	11900
7519T	1 3/16"	2 3/16"	55.65	1 7/8	47.6	1 3/4	1 3/32	III	615	1.3558	13000
7520T	1 1/4"	2 3/16"	55.65	1 31/32	50.0	1 3/4	1 1/16	III	624	1.3757	14200
7521T	1 5/16"	2 3/16"	55.65	2 1/64	51.1	1 3/4	1 3/64	III	623	1.3735	15400
7522T	1 3/8"	2 1/4"	57.26	2 5/64	52.7	1 3/4	1 7/64	III	648	1.4286	16700
7523T	1 7/16"	2 5/16"	58.84	2 1/4	57.1	1 3/4	1 5/32	III	734	1.6182	18000
7524T	1 1/2"	2 5/16"	58.84	2 9/32	57.9	1 3/4	1 9/64	III	865	1.9070	18000
7525T	1 9/16"	2 5/16"	58.84	2 5/16	58.7	1 3/4	1 3/16	III	812	1.7902	18000
7526T	1 5/8"	2 5/16"	58.84	2 3/8	60.3	1 3/4	1 3/16	III	844	1.8607	18000
7527T	1 11/16"	2 1/2"	63.62	2 1/2	63.5	1 3/4	1 3/8	III	854	1.8827	18000
7528T	1 3/4"	2 1/2"	63.62	2 17/32	64.2	1 3/4	1 3/8	III	832	1.8342	18000
7529T	1 13/16"	2 3/4"	69.98	2 19/32	65.8	1 3/4	1 9/16	III	938	2.0679	18000
7530T	1 7/8"	2 3/4"	69.98	2 5/8	66.6	1 3/4	1 9/16	III	962	2.1208	18000
7531T	1 15/16"	2 3/4"	69.98	2 5/8	66.6	1 3/4	1 9/16	III	917	2.0216	18000
7532T	2"	2 3/4"	69.98	2 3/4	69.8	2	1 13/16	III	1174	2.5882	18000
7533T	2 1/16"	2 3/4"	69.98	2 13/16	71.4	2 1/8	1 1/4	III	1431	3.1548	18000
7534T	2 1/8"	2 3/4"	69.98	2 7/8	73.0	2 1/8	1 1/4	III	1688	3.7214	18000
7535T	2 3/16"	2 7/8"	73.02	3 3/32	78.5	2 1/8	1 3/8	III	1945	4.2880	18000
7536T	2 1/4"	2 7/8"	73.02	3 5/32	80.1	2 1/8	1 3/8	III	2202	4.8546	18000
7538T	2 3/8"	2 15/16"	74.61	3 5/16	84.1	2 1/8	1 7/16	III	2459	5.4212	18000



STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II



TYPE III

## 3/4" DRIVE 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 75XX

CODE	HEX SIZE	LENGTH		OUTER DIAMETER		DRIVE- END	HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
		in	mm	in	mm				grs	lbs	lb - in
7508	1/2"	1 15/16"	49.2	1"	12.7	1 5/8"	9/16"	I	570	1.26	3000
7509	9/16"	1 15/16"	49.2	1"	14.2	1 5/8"	9/16"	I	650	1.43	3700
7510	5/8"	1 15/16"	49.2	1 1/16"	15.8	1 5/8"	5/8"	I	690	1.52	4400
7511	11/16"	1 15/16"	49.2	1 1/8"	17.4	1 5/8"	5/8"	I	730	1.54	5100
7512	3/4"	1 15/16"	49.2	1 1/4"	19.0	1 5/8"	11/16"	I	700	1.61	6000
7513	13/16"	1 15/16"	49.2	1 3/8"	20.6	1 5/8"	11/16"	I	710	1.62	6800
7514	7/8"	2"	49.2	1 1/2"	22.2	1 5/8"	3/4"	I	780	1.72	7700
7515	15/16"	2"	50.8	1 5/8"	23.8	1 5/8"	3/4"	II	780	1.72	8700
7516	1"	2 1/16"	50.8	1 5/8"	25.4	1 5/8"	3/4"	II	920	2.03	9700
7517	1 1/16"	2 1/16"	52.4	1 11/16"	26.9	1 11/16"	3/4"	II	920	2.03	10800
7518	1 1/8"	2 3/16"	55.5	1 3/4"	28.5	1 3/4"	7/8"	II	880	1.94	9700
7519	1 3/16"	2 3/16"	54.0	1 13/16"	30.1	1 3/4"	1 1/16"	III	1030	2.27	10800
7520	1 1/4"	2 3/16"	55.5	2"	31.7	1 3/4"	1 1/16"	III	1150	2.54	11900
7521	1 5/16"	2 3/16"	55.5	2 1/16"	33.3	1 3/4"	1 1/16"	III	1180	2.60	13050
7522	1 3/8"	2 1/4"	57.2	2 1/16"	34.9	1 3/4"	1 1/8"	III	1310	2.89	14200
7523	1 7/16"	2 5/16"	58.8	2 1/4"	36.5	1 3/4"	1 1/8"	III	1440	3.17	15400
7524	1 1/2"	2 5/16"	57.2	2 1/4"	38.1	1 3/4"	1 1/8"	III	1520	3.35	16700
7525	1 9/16"	2 5/16"	66.6	2 5/16"	39.6	1 3/4"	1 3/16"	III	1670	3.68	18000
7526	1 5/8"	2 5/16"	66.6	2 3/8"	41.2	1 3/4"	1 3/16"	III	1780	3.92	18000
7527	1 11/16"	2 1/2"	66.6	2 1/2"	42.8	1 3/4"	1 3/8"	III	1860	4.10	18000
7528	1 3/4"	2 1/2"	66.6	2 1/2"	44.4	1 3/4"	1 3/8"	III	1920	4.23	18000
7529	1 13/16"	2 3/4"	66.6	2 9/16"	46.0	1 3/4"	1 9/16"	III	2040	4.50	18000
7530	1 7/8"	2 3/4"	66.8	2 5/8"	47.6	1 3/4"	1 9/16"	III	2110	4.65	18000
7531	1 15/16"	2 3/4"	66.8	2 5/8"	49.2	1 3/4"	1 9/16"	III	2190	4.83	18000
7532	2"	2 3/4"	66.8	2 3/4"	66.8	1 3/4"	1 1/4"	III	1007	2.25	18000
7533	2 1/16"	2 13/16"	72.0	2 15/16"	74.6	2 1/8"	1 3/8"	III	7350	16.17	18000
7534	2 1/8"	2 13/16"	72.0	3"	76.2	2 1/8"	1 3/8"	III	7350	16.17	18000
7535	2 3/16"	2 29/32"	74.0	3"	76.2	2 1/8"	1 13/32"	III	7350	16.17	18000
7536	2 1/4"	2 29/32"	74.0	3 1/8"	79.4	2 1/8"	1 13/32"	III	8250	18.15	18000
7538	2 3/8"	2 15/16"	75.0	3 5/16"	84.1	2 1/8"	1 13/32"	III	8250	18.15	18000



STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II



TYPE III





### 3/4" DRIVE DEEP 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

#### 75XXL

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	EXTERIOR HEX in	EXTERIOR HEX in			grs	lbs	lb - in
7508L	1/2"	12.7	3"	76.2	15/16"	1 1/2"	1 3/16"	I	518	1.14	3000
7509L	9/16"	14.2	3"	76.2	1"	1 1/2"	1 3/16"	I	506	1.12	3700
7510L	5/8"	15.8	3"	76.2	1 1/8"	1 1/2"	1 3/16"	I	526	1.16	4400
7511L	1 1/16"	17.4	3"	76.2	1 3/16"	1 1/2"	1 3/16"	I	508	1.12	5100
7512L	3/4"	19.0	3"	76.2	1 1/4"	1 1/2"	1 3/16"	I	494	1.09	6000
7513L	13/16"	20.6	3"	76.2	1 3/8"	1 1/2"	1 3/16"	I	458	1.01	6800
7514L	7/8"	22.2	3"	76.2	1 9/16"	1 9/16"	1 3/16"	I	446	0.98	7700
7515L	15/16"	23.8	3"	76.2	1 9/16"	1 9/16"	1 3/16"	I	447	0.99	8700
7516L	1"	25.4	3"	76.2	1 5/8"	1 5/8"	1 3/16"	I	490	1.08	9700
7517L	1 1/16"	26.9	3"	76.2	1 5/8"	1 5/8"	1 3/16"	I	547	1.21	10800
7518L	1 1/8"	28.5	3"	76.2	1 7/8"	1 7/8"	1 11/16"	I	560	1.23	10800
7519L	1 3/16"	30.1	3 1/4"	82.5	2"	2"	1 3/4"	II	858	1.89	11900
7520L	1 1/4"	31.7	3 1/4"	82.5	2"	2"	1 3/4"	III	1100	2.43	13050
7521L	1 5/16"	33.3	3 1/4"	82.5	2"	2"	1 3/4"	III	801	1.77	14200
7522L	1 3/8"	34.9	3 1/4"	82.5	2"	2"	1 3/4"	III	749	1.65	15400
7523L	1 7/16"	36.5	3 1/4"	82.5	2"	2"	1 3/4"	III	769	1.70	16700
7524L	1 1/2"	38.1	3 1/2"	88.9	2 1/4"	2 1/4"	1 3/4"	III	1010	2.23	18000
7525L	1 9/16"	39.6	3 1/2"	88.9	2 1/4"	2 1/4"	1 3/4"	III	1032	2.28	18000
7526L	1 5/8"	41.2	3 1/2"	88.9	2 5/16"	2 5/16"	1 3/4"	III	1054	2.32	18000
7527L	1 11/16"	42.8	3 1/2"	88.9	2 1/2"	1 3/4"	1 3/4"	III	994	2.19	18000
7528L	1 3/4"	44.4	3 1/2"	88.9	2 1/2"	1 3/4"	1 3/4"	III	979	2.16	18000
7529L	1 13/16"	46.0	3 1/2"	88.9	2 5/8"	1 3/4"	1 3/4"	III	994	2.19	18000
7530L	1 7/8"	47.6	3 3/4"	95.2	2 11/16"	1 3/4"	1 3/4"	III	1136	2.50	18000
7531L	1 15/16"	49.2	3 3/4"	95.2	2 3/4"	1 3/4"	1 3/4"	III	982	2.16	18000
7532L	2"	50.8	4 1/16"	103.1	2 7/8"	1 3/4"	1 1/4"	III	1443	3.18	18000



STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II



TYPE III

### 3/4" DRIVE METRIC 6-POINT IMPACT SOCKETS

#### 75XXM

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.33		
	mm	in	mm	mm	HEX-END mm	DRIVE-END mm			grs	lbs	lb - in
7517M	17	1 15/16"	49.3	29.3	41.2	19.0	19.0	I	700	1.54	5100
7519M	19	1 15/16"	49.3	31.7	41.2	19.0	19.0	I	820	1.81	6000
7520M	20	1 15/16"	53.9	34.9	41.2	19.0	19.0	I	900	1.98	6800
7521M	21	1 15/16"	53.9	34.9	41.2	19.0	19.0	I	960	2.12	6800
7522M	22	2"	53.9	36.5	41.2	19.0	19.0	I	1030	2.27	7700
7523M	23	2"	53.9	36.5	44.4	19.0	19.0	I	1090	2.40	8700
7524M	24	2"	60.3	38.1	44.4	25.4	25.4	I	1150	2.54	9700
7525M	25	2 1/16"	60.3	38.1	44.4	25.4	25.4	I	1210	2.67	9700
7526M	26	2 1/16"	60.3	41.2	44.4	25.4	25.4	I	1270	2.80	10800
7527M	27	2 1/16"	60.3	41.2	44.4	25.4	25.4	I	1330	2.93	10800
7528M	28	2 3/16"	63.5	44.4	44.4	28.5	28.5	II	1400	3.09	11900
7529M	29	2 3/16"	63.5	44.4	44.4	28.5	28.5	II	1460	3.22	11900
7530M	30	2 3/16"	63.5	47.6	47.6	28.5	28.5	II	1500	3.31	14200
7531M	31	2 3/16"	63.5	47.6	47.6	28.5	28.5	II	1580	3.48	14200
7532M	32	2 3/16"	63.5	47.6	47.6	28.5	28.5	II	1620	3.57	14200
7533M	33	2 3/16"	63.5	52.3	47.6	28.5	28.5	III	1680	3.70	16700
7534M	34	2 3/16"	66.6	53.9	47.6	31.7	31.7	III	1720	3.79	16700
7535M	35	2 1/4"	66.6	53.9	47.6	31.7	31.7	III	1780	3.92	16700
7536M	36	2 5/16"	66.6	57.1	47.6	31.7	31.7	III	1850	4.08	18000
7538M	38	2 1/4"	66.6	60.3	60.3	25.4	25.4	III	712	1.57	18000
7540M	40	2 5/8"	66.6	61.9	61.9	34.9	34.9	III	771	1.70	24000
7541M	41	2 7/8"	73.0	61.9	61.9	34.9	34.9	III	885	1.95	24000
7542M	42	2 7/8"	73.0	63.5	63.5	38.5	38.5	III	909	2.00	24000
7543M	43	2 7/8"	73.0	63.5	63.5	38.5	38.5	III	934	2.05	24000
7546M	46	3"	76.2	69.8	69.8	41.2	41.2	III	1184	2.61	28000
7550M	50	3 1/4"	82.5	71.34	71.34	41.2	41.2	III	1520	3.35	28000



STANDARDS:  
ASME/ANSI B107.4  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II



TYPE III

## 3/4" DRIVE DEEP METRIC 6-POINT IMPACT SOCKETS

### 75XXML

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DRIVE-END	HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.33		
	mm	in	mm	in	mm	in				grs	lbs	lb - in
7519ML	19	3"	76.2	1 1/4"	1 1/2"	1 7/16"	I	1260	2.78	6000		
7520ML	20	3"	76.2	1 3/8"	1 1/2"	1 7/16"	I	1320	2.91	6800		
7521ML	21	3"	76.2	1 3/8"	1 1/2"	1 7/16"	I	1450	3.20	6800		
7522ML	22	3"	76.2	1 9/16"	1 9/16"	1 7/16"	I	1500	3.31	7700		
7523ML	23	3"	76.2	1 9/16"	1 9/16"	1 7/16"	I	1620	3.57	8700		
7524ML	24	3"	76.2	1 9/16"	1 9/16"	1 7/16"	I	1740	3.84	9700		
7525ML	25	3"	76.2	1 5/8"	1 5/8"	1 7/16"	I	1830	4.03	9700		
7526ML	26	3"	76.2	1 5/8"	1 5/8"	1 7/16"	I	1920	4.23	10800		
7527ML	27	3"	76.2	1 7/8"	1 7/8"	1 5/8"	I	1980	4.37	10800		
7530ML	30	3 1/4"	82.5	2"	2"	1 5/8"	III	2100	4.63	14200		
7532ML	32	3 1/4"	82.5	2"	2"	1 5/8"	III	2190	4.83	14200		
7533ML	33	3 1/4"	82.5	2"	2"	1 5/8"	III	2230	4.92	16700		
7534ML	34	3 1/4"	82.5	2"	2"	1 5/8"	III	2350	5.18	16700		
7535ML	35	3 1/4"	82.5	2"	2"	1 5/8"	III	2400	5.29	16700		
7536ML	36	3 1/4"	82.5	2"	2"	1 5/8"	III	2480	5.47	18000		
7537ML	37	3 1/4"	82.5	2"	2"	1 5/8"	III	2530	5.58	18000		
7538ML	38	3 1/2"	88.9	2 1/4"	2 1/4"	1 3/4"	III	2640	5.82	18000		
7541ML	41	3 1/2"	88.9	2 7/16"	2 7/16"	1 1/8"	III	844	1.86	24000		
7543ML	43	3 1/2"	88.9	2 9/16"	2 9/16"	1 1/8"	III	935	2.06	24000		



STANDARDS:  
ASME/ANSI B107.4  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE III

# 1" DRIVE SOCKETS SETS WITH ACCESSORIES

## SETS OF DEEP 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 10000L

12 PIECES

1" DRIVE 12 PC FRACTIONAL IMPACT SOCKET SET 6 POINT IN CARDBOARD BOX

CODE	SIZE
10022L	1 3/8"
10023L	1 7/16"
10024L	1 1/2"
10025L	1 9/16"
10026L	1 5/8"
10028L	1 3/4"
10029L	1 13/16"
10030L	1 7/8"
10031L	1 15/16"
10032L	2"
10034L	2 1/8"
10035L	2 3/16"



**1" DRIVE IMPACT EXTENSIONS**

This accessory lets you work on screws in tight or deep spaces where an impact wrench can't reach, available in a variety of lengths. The maximum recommended torque for a 1" extension of any length is 15,000 in-lbs.

**1060X**

CODE	DRIVE SIZE		LENGTH		TORQUE STRENGTH ASME/ANSI B107.2	
	in	mm	in	mm	grs	lbs
10607	1"	25.4	7"	17.8	1652	3.64
10609	1"	25.4	10"	254	2696	5.94

STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



10607



10609

To achieve the right balance between hardness and strength, extensions are heat treated in controlled-atmosphere furnaces.

Made of high-quality, high strength micro-alloy steel with black finish to prevent corrosion and no risk of surface chipping or flaking.

**1" DRIVE IMPACT UNIVERSAL JOINT**

This accessory offers the advantages of a jointed handle when it is installed between the impact wrench or extension and the socket, letting you access nuts or bolts at a variety of angles.

**10670**

CODE	DRIVE SIZE		LENGTH		TORQUE STRENGTH	
	in	mm	in	mm	grs	lbs
10670	1"	25.4	5 1/4"	133	1806	3.98

**SUPER DRIVE**



**1" DRIVE IMPACT ADAPTERS**

These accessories let you work with 3/4" square drive sockets using 1" handles.

**7656 / 15007**

CODE	SIZE	LENGTH		TORQUE STRENGTH	
		in	mm	grs	lbs
7656	1" F x 3/4" M	2 15/16"	75	640	1.41
15007	1" F x 1 1/2" M	3 25/46"	90	4177	9.21



Female Male



7656



15007

The line of 1" impact sockets is for heavy mechanical work, primarily in the petrochemical, extraction, mining, and similar industries. The application ranges are as follows:

Socket hex size: 3/4" to 4 1/2 and 19 to 65 mm.

Torque applications for sockets, handles, and accessories: 6400-28,000 in-lbs

To keep your sockets and accessories neat and orderly, we recommend using the various organization and storage options presented in section 2 of this catalog.

## 1" DRIVE 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 100XX



CODE	HEX SIZE		LENGTH		OUTER DIAMETER DRIVE-END		HEX-END DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	in	in			grs	lbs	lb - in
10012	3/4"	19.0	2 7/16"	60.3	1 3/8"	2"	11/16"	I	644	1.42	6400
10013	13/16"	20.6	2 7/16"	60.3	1 7/16"	2"	11/16"	I	636	1.40	7400
10014	7/8"	22.2	2 7/16"	60.3	1 7/16"	2"	11/16"	I	630	1.39	8400
10015	15/16"	23.8	2 1/2"	63.5	1 9/16"	2"	3/4"	I	624	1.38	9400
10016	1"	25.4	2 1/2"	63.5	1 9/16"	2"	3/4"	I	594	1.31	10500
10017	1 1/16"	26.9	2 1/2"	66.6	1 5/8"	2"	3/4"	I	674	1.49	11700
10018	1 1/8"	28.5	2 1/2"	66.6	1 11/16"	2"	3/4"	I	616	1.36	12800
10019	1 3/16"	30.1	2 3/4"	66.6	1 13/16"	2"	15/16"	II	730	1.61	14100
10020	1 1/4"	31.7	2 3/4"	66.6	1 15/16"	2"	15/16"	II	708	1.56	15400
10021	1 5/16"	33.3	2 13/16"	69.8	2"	2"	15/16"	II	678	1.49	16700
10022	1 3/8"	34.9	2 13/16"	73.0	2 1/4"	2 1/4"	1"	II	944	2.08	18000
10023	1 7/16"	36.5	2 13/16"	73.0	2 1/4"	2 1/4"	1"	II	920	2.03	19500
10024	1 1/2"	38.1	2 7/8"	73.0	2 5/16"	2 5/16"	1 5/16"	II	870	1.92	21000
10025	1 9/16"	39.6	3 1/16"	73.0	2 5/16"	2 5/16"	1 5/16"	II	926	2.04	22000
10026	1 5/8"	41.2	3 1/16"	73.0	2 5/16"	2 5/16"	1 3/8"	II	892	1.97	24000
10027	1 11/16"	42.8	3 1/4"	76.2	2 1/2"	2 1/2"	1 1/2"	II	1252	2.76	26000
10028	1 3/4"	44.4	3 1/4"	76.2	2 1/2"	2 1/2"	1 1/2"	II	1168	2.58	27000
10029	1 13/16"	46.0	3 1/4"	76.2	2 5/8"	2 5/8"	1 1/2"	II	1330	2.93	28000
10030	1 7/8"	47.6	3 1/4"	76.2	2 11/16"	2 11/16"	1 1/2"	II	1364	3.01	28000
10031	1 15/16"	49.2	3 1/4"	82.5	2 13/16"	2 13/16"	1 1/2"	III	1652	3.64	28000
10032	2"	50.8	3 1/4"	82.5	2 15/16"	2 15/16"	1 1/4"	III	1450	3.20	28000
10033	2 1/16"	52.3	2 3/4"	82.5	2 15/16"	2 5/16"	1 1/4"	III	1142	2.52	28000
10034	2 1/8"	53.9	2 3/4"	82.5	3 1/16"	2 5/16"	1 1/4"	III	1220	2.69	28000
10035	2 3/16"	55.5	2 11/16"	82.5	3 1/8"	2 7/16"	1 1/4"	III	1356	2.99	28000
10036	2 1/4"	57.1	2 15/16"	88.9	3 5/16"	2 7/16"	1 3/8"	III	1634	3.60	28000
10037	2 5/16"	58.7	2 15/16"	88.9	3 3/8"	2 7/16"	1 3/8"	III	1624	3.58	28000
10038	2 3/8"	60.3	3 1/16"	88.9	3 7/16"	2 7/16"	1 3/8"	III	1752	3.86	28000
10039	2 7/16"	61.9	3 1/16"	95.2	3 1/2"	2 7/16"	1 3/8"	III	1752	3.86	28000
10040	2 1/2"	63.5	3 1/8"	95.2	3 9/16"	2 7/16"	1 7/16"	III	1896	4.18	28000
10041	2 9/16"	65.0	3 1/8"	95.2	3 5/8"	2 7/16"	1 7/16"	III	1940	4.28	28000
10042	2 5/8"	66.6	3 1/4"	95.2	3 3/4"	2 7/16"	1 1/2"	III	2026	4.47	28000
10043	2 11/16"	68.2	3 1/4"	101.6	3 13/16"	2 7/16"	1 1/2"	III	2100	4.63	28000
10044	2 3/4"	69.8	3 5/16"	101.6	3 7/8"	2 7/16"	1 9/16"	III	2118	4.67	28000
10045	2 13/16"	71.4	3 7/16"	101.6	3 15/16"	2 7/16"	1 5/8"	III	2274	5.01	28000
10046	2 7/8"	73.0	3 7/16"	107.9	4 1/16"	2 7/16"	1 5/8"	III	2346	5.17	28000
10047	2 15/16"	74.6	3 3/4"	107.9	4 1/8"	3 3/8"	1 15/16"	III	3320	7.32	28000
10048	3"	76.2	3 7/8"	107.9	4 1/16"	3 3/8"	2 1/16"	III	3444	7.59	28000
10050	3 1/8"	79.3	4"	101.6	4 1/4"	3 3/8"	2"	III	3444	7.59	28000
10052	3 1/4"	82.5	4 1/4"	107.9	4 1/2"	3 3/8"	2 3/8"	III	3444	7.59	28000
10054	3 3/8"	85.7	4 7/16"	112.7	4 9/16"	3 3/8"	2 3/8"	III	3444	7.59	28000
10056	3 1/2"	88.9	4 1/2"	114.3	4 3/4"	3 3/8"	2 1/2"	III	3659	8.06	28000
10058	3 5/8"	92.0	4 3/4"	120.6	4 7/8"	3 3/8"	2 1/2"	III	4063	8.95	28000
10062	3 7/8"	98.4	5"	127.0	5 1/16"	3 3/8"	2 1/2"	III	4095	9.02	28000
10064	4"	101.6	5 1/2"	139.7	5 3/4"	3 3/8"	2 1/2"	III	6837	15.06	28000
10066	4 1/8"	104.7	5 1/2"	139.7	6"	3 3/8"	2 3/4"	III	7745	17.06	28000
10068	4 1/4"	107.9	5 1/2"	139.7	6"	3 3/8"	2 3/4"	III	7246	15.96	28000
10072	4 1/2"	114.3	6"	152.4	6 1/4"	3 3/8"	3"	III	7891	17.38	28000



TYPE I



TYPE II



TYPE III



STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129

## 1" DRIVE 6-POINT DEEP IMPACT SOCKETS IN FRACTIONAL SIZES

### 100XXL

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DRIVE-DEPTH	TYPE	TORQUE STRENGTH ASME/ANSI B107.2		
	in	mm	in	mm	in	in			grs	lbs	lb - in
10014L	7/8"	22.2	3 1/8"	79.3	1 9/16"	2 1/16"	1 1/16"	I	1112.3	2.45	8400
10015L	15/16"	23.8	3 1/8"	79.3	1 5/8"	2 1/16"	1 1/16"	I	1198.6	2.64	9400
10016L	1"	25.4	3 1/8"	79.3	1 11/16"	2 1/16"	1 1/16"	I	1207.6	2.66	10500
10017L	1 1/16"	26.9	3 1/16"	79.3	1 5/8"	2"	1 1/16"	I	2480	5.47	11700
10018L	1 1/8"	28.5	3 1/16"	79.3	1 11/16"	2"	1 1/16"	I	2530	5.58	12800
10019L	1 3/16"	30.1	3 1/16"	79.3	1 13/16"	2"	1 1/16"	I	2760	6.08	14100
10020L	1 1/4"	31.7	3 1/16"	79.3	1 15/16"	2"	1 1/16"	I	2760	6.08	15400
10021L	1 5/16"	33.3	3 1/2"	82.5	2"	2"	1 1/16"	II	2920	6.44	16700
10022L	1 3/8"	34.9	3 1/2"	82.5	2 1/4"	2 1/4"	1 1/16"	II	3150	6.94	18000
10023L	1 7/16"	36.5	3 1/2"	82.5	2 1/4"	2 1/4"	1 1/16"	II	3160	6.97	19500
10024L	1 1/2"	38.1	3 9/16"	92.0	2 5/16"	2 5/16"	1 11/16"	II	3300	7.28	21000
10025L	1 9/16"	39.6	3 9/16"	92.0	2 5/16"	2 5/16"	1 11/16"	II	3450	7.61	22000
10026L	1 5/8"	41.2	3 9/16"	92.0	2 5/16"	2 5/16"	1 11/16"	II	3470	7.65	24000
10027L	1 11/16"	42.8	3 9/16"	92.0	2 1/2"	2 1/2"	1 11/16"	II	3670	8.09	27000
10028L	1 3/4"	44.4	3 9/16"	92.0	2 1/2"	2 1/2"	1 11/16"	II	3680	8.11	28000
10029L	1 13/16"	46.0	3 5/8"	92.0	2 5/8"	2 5/8"	1 11/16"	II	3680	8.11	28000
10030L	1 7/8"	47.6	3 5/8"	92.0	2 11/16"	2 11/16"	1 11/16"	II	3820	8.42	28000
10031L	1 15/16"	49.2	3 5/8"	95.2	2 13/16"	2 13/16"	1 11/16"	II	3820	8.42	28000
10032L	2"	50.8	3 3/4"	95.2	2 15/16"	2 15/16"	1 11/16"	II	4000	8.82	28000
10034L	2 1/8"	53.9	3 15/16"	101.6	3 1/16"	2 5/16"	1 11/16"	III	4350	9.59	28000
10035L	2 3/16"	55.5	3 15/16"	101.6	3 1/8"	2 7/16"	1 11/16"	III	4350	9.59	28000
10036L	2 1/4"	57.1	3 15/16"	100.0	3 5/16"	2 7/16"	2 3/8"	III	2261	4.98	28000
10037L	2 5/16"	58.73	4 1/8"	104.7	3 3/8"	2 7/16"	2 9/16"	III	2688	5.92	28000
10038L	2 3/8"	60.3	4 1/8"	104.7	3 7/16"	2 7/16"	2 7/16"	III	2751	6.06	28000
10041L	2 9/16"	65.0	4 3/4"	120.6	3 11/16"	2 7/16"	3	III	2874	6.33	28000
10044L	2 3/4"	69.8	4 7/8"	123.8	3 7/8"	2 7/16"	3 1/8"	III	3223	7.10	28000



STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II



TYPE III

## quality starts with U

URREA tools are designed and manufactured to meet or exceed the most demanding industry standards, such as the SAE, (Society of Automotive Engineers), ASME/ANSI (American Society of Mechanical Engineers/American National Standards Institute), ISO (International Standardization Organization), GSA USA Federal (General Services Administration USA Federal Government), and NOM (Norma Oficial Mexicana - Official Mexican Standard).



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## 1" DRIVE METRIC 6-POINT IMPACT SOCKETS

### 100XXM

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH	
	mm	in	mm	in	mm	in			ASME/ANSI	B107.33
10019M	19	2 7/16	61.9	1 3/8	2	5/8	I	626	1.38	6400
10024M	24	2 1/2	63.5	1 1/2	2	3/4	I	636	1.40	9506
10027M	27	2 1/2	63.5	1 5/8	2	7/8	I	614	1.35	11700
10030M	30	2 13/16	71.4	1 13/16	2	1 1/8	I	706	1.56	14002
10032M	32	2 13/16	71.4	1 15/16	2	1 1/8	I	702	1.55	15604
10033M	33	2 13/16	71.4	2	2	1	II	700	1.54	16400
10036M	36	2 13/16	71.4	2 1/2	2 1/2	1	II	957	2.11	22392
10041M	41	2 15/16	74.6	2 5/16	2 5/16	1 1/4	II	868	1.91	24959
10046M	46	3 1/8	79.3	2 5/8	2 5/8	1 7/16	II	1226	2.70	27968
10050M	50	3 1/4	82.5	2 13/16	2 13/16	1 7/16	II	1458	3.21	27968
10055M	55	3 1/4	82.5	3 1/8	2 7/16	1 7/16	III	1589	3.50	27968
10060M	60	3 1/4	82.5	3 7/16	2 7/16	1 7/16	III	1720	3.79	27968
10065M	65	3 1/4	82.5	3 11/16	2 7/16	1 7/16	III	1910	4.21	27968



STANDARDS:  
ASME B107.33M  
ISO 1174 and 2725 DIN 3129



TYPE I



TYPE II



TYPE III



## 1" DRIVE DOUBLE IMPACT SOCKETS IN FRACTIONAL SIZES

### 10013DS

With 13/16" square drive for square screwdriver

CODE	HEX SIZE		LENGTH		OUTER DIAMETER		HEX-END DEPTH	TYPE	TORQUE STRENGTH	
	in	in	in	mm	in	in			grs	lbs
10013DS	13/16" X 1"	20.6 X 25.4	2 3/8"	60.3	1 7/16"	2 1/16"	2 3/8"	I	1.38	0.0030



STANDARDS:  
ANSI/ASME B 107.2  
FEDERAL GGG-W-660a



With 1" handle drive, for impact accessories and pneumatic tools.



#### CODE 10013 DS

1" drive double impact sockets in fractional sizes  
Impact socket designed to absorb the pounding and heavy use of power tools (UP797-6 or UP893 pneumatic pistol), loosens and tightens screws quickly and easily, with square truck head.

## REPLACEMENT PARTS FOR 1" DRIVE IMPACT SOCKETS AND ACCESSORIES

### 10000RX

#### O-RINGS FOR 1" IMPACT SOCKETS AND ACCESSORIES

CODE	DIAMETER		THICKNESS		COMPATIBILITY OUTER DIAMETER	
	in	mm	in	mm	in	mm
10000R1	1 21/32"	42	0.138"	3.5	1 15/16" - 2"	49 - 51
10000R2	1 3/4"	44	0.138"	3.5	2 3/64"	52
10000R3	1 15/16"	49	0.138"	3.5	2 1/4"	57
10000R4	1 31/32"	50	0.209"	5.3	2 9/32"	58
10000R5	2 3/32"	53	0.224"	5.7	2 7/16"	62
10000R6	2 31/32"	75	0.224"	5.7	3 3/8"	86



### 10000PX

#### PINS FOR 1" IMPACT SOCKETS AND ACCESSORIES

CODE	DIAMETER		LENGTH		COMPATIBILITY CODES RETAINING PIN FOR SOCKET		
	in	mm	in	mm			
10000P1	0.197	5	1.693	43	10000R1	10000R2	
10000P2	0.197	5	1.929	49	10000R3	10000R4	10000R5
10000P3	0.236	6	2.953	75	10000R6		



Step 1: Insert the accessory to be used into the impact socket



**CODE 10000RX and 10000PX**  
O-rings and pins for 1" impact sockets and accessories

Step 2: Insert the retaining pin into the socket that goes through the accessory's male drive.



Step 3: Finally, place the retaining ring in the channel on the impact socket.

## 1 1/2" DRIVE IMPACT EXTENSIONS

This accessory lets you work on screws in tight or deep spaces where an impact wrench can't reach, available in a variety of lengths.

### 15097

CODE	SIZE	LENGTH		STANDARDS	
		in	mm	grs	lbs
15097	1 1/2"	8 27/32"	225	2304	5.08

STANDARDS: ASME/ANSI B107.4  
FEDERAL GGG-W-660  
ISO 1174 and 2725 DIN 3129



To achieve the right balance between hardness and strength, extensions are heat treated in controlled-atmosphere furnaces.



## 1 1/2" DRIVE IMPACT ADAPTERS

### 10004

CODE	SIZE	LENGTH		WEIGHT	
		in	mm	grs	lbs
10004	1 1/2" F - 1" M	3 1/2"	90	4177	9.21



SUPER DRIVE



Female



Male

These accessories let you work with 1" square drive sockets using 1 1/2" handles.



4

## 1 1/2" DRIVE 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES

### 150XX

CODE	HEX SIZE		LENGTH		OUTER DIAMETER HEX-END		DRIVE-END		HEX-END DEPTH		TYPE	WEIGHT	
	in	mm	in	mm	in	mm	in	mm	in	mm		grs	lbs
15022	1 3/8	34.9	2 15/16	75	2 3/8	60	3 7/16	86	3/4	19	I	1993	4.4
15023	1 7/16	36.5	3 1/8	80	2 1/2	64	3 7/16	86	3/4	19	I	2020	4.46
15024	1 1/2	38.1	3 1/8	80	2 1/2	64	3 7/16	86	7/8	22	I	1971	4.35
15026	1 5/8	41.3	3 1/8	80	2 3/4	70	3 7/16	86	7/8	22	I	2084	4.6
15027	1 11/16	42.9	3 1/8	80	2 15/16	75	3 7/16	86	1	25	I	2116	4.67
15029	1 13/16	46.0	3 1/8	80	2 15/16	75	3 7/16	86	1	25	I	2229	4.92
15030	1 7/8	47.6	3 3/16	82	3 1/8	80	3 7/16	86	1 1/16	27	I	2188	4.83
15032	2	50.8	3 3/16	82	3 1/8	80	3 7/16	86	1 1/16	27	I	2464	5.44
15033	2 1/16	52.4	3 1/2	89	3 3/8	86	3 7/16	86	1 1/8	30	III	2414	5.33
15034	2 1/8	54.0	3 1/2	89	3 7/16	86	3 7/16	86	1 1/8	30	III	2899	6.4
15035	2 3/16	55.6	3 5/8	92	3 7/16	86	3 7/16	86	1 1/4	32	III	2550	5.63
15036	2 1/4	57.2	3 5/8	92	3 7/16	86	3 7/16	86	1 5/16	33	III	2777	6.13
15038	2 3/8	60.3	3 3/4	96	3 5/8	92	3 7/16	86	1 3/8	35	III	2940	6.49
15039	2 7/16	61.9	3 3/4	96	3 13/16	96	3 7/16	86	1 3/8	35	III	3008	6.64
15040	2 1/2	63.5	3 3/4	96	4	100	3 7/16	86	1 3/8	35	III	3022	6.67
15041	2 9/16	65.1	3 3/4	96	4	100	3 7/16	86	1 3/8	35	III	3787	8.36
15042	2 5/8	66.7	4	101	4	100	3 7/16	86	1 1/2	38	III	3887	8.58
15044	2 3/4	69.9	4	101	4	100	3 7/16	86	1 1/2	38	III	3909	8.63
15046	2 7/8	73.0	4 1/16	103	4 1/4	108	3 7/16	86	1 13/16	46	III	4426	9.77
15047	2 15/16	74.6	4 1/16	103	4 5/16	110	3 7/16	86	1 13/16	46	III	4340	9.58
15048	3	76.2	4 1/16	103	4 5/16	110	3 7/16	86	1 13/16	46	III	4892	10.8
15050	3 1/8	79.4	4 5/16	110	4 9/16	116	3 7/16	86	2	51	III	4924	10.87
15054	3 3/8	85.7	4 5/16	110	4 15/16	125	3 7/16	86	2 1/16	52	III	5382	11.88
15056	3 1/2	88.9	4 5/16	110	5 1/8	130	3 7/16	86	2 1/16	52	III	5712	12.61
15058	3 5/8	92.1	5 11/16	145	5 1/8	130	3 7/16	86	2 1/16	52	III	6170	13.62
15060	3 3/4	95.3	5 11/16	145	5 3/8	137	3 3/4	95	2 1/16	52	III	5980	13.2
15062	3 7/8	98.4	5 15/16	150	5 1/2	140	3 3/4	95	2 5/16	59	III	6097	13.46
15064	4	101.6	5 15/16	150	5 1/2	140	3 3/4	95	2 5/16	59	III	7366	16.26
15066	4 1/8	104.8	6 1/8	155	5 15/16	150	3 3/4	95	2 5/16	59	III	8054	17.78
15068	4 1/4	108.0	6 5/16	160	5 15/16	150	3 3/4	95	2 5/16	59	III	7846	17.32
15072	4 1/2	114.3	6 1/2	165	6 5/16	160	3 3/4	95	2 5/8	67	III	8548	18.87
15074	4 5/8	117.5	6 11/16	170	6 1/2	165	3 3/4	95	2 5/8	67	III	9450	20.86
15080	5	127.0	6 7/8	175	7 1/16	179	5	127	2 13/16	72	III	10115	22.33



SUPER DRIVE

STANDARDS:  
ASME B107.2



TYPE I



TYPE III

**2 1/2" DRIVE 6-POINT IMPACT SOCKETS IN FRACTIONAL SIZES**

**250XX**

CODE	HEX SIZE		LENGTH		OUTER DIAMETER HEX-END		OUTER DIAMETER DRIVE-END		HEX-END DEPTH		TYPE	Scales	
	in	mm	in	mm	in	mm	in	mm	in	mm		grs	lbs
25032	2"	50.9	4 3/4	121	3 7/16	87.3	5	127	1 1/4	31.7	I	12600	27.72
25034	2 1/8"	54.1	4 3/4	121	3 9/16	90.4	5	127	1 1/4	31.7	I	11200	24.64
25036	2 1/4"	57.3	4 15/16	125.25	3 1/2	88.9	5	127	1 3/8	34.9	I	13500	29.70
25038	2 3/8"	60.4	4 15/16	125.25	3 7/8	98.4	5	127	1 7/16	36.5	I	11700	25.74
25042	2 5/8"	66.8	5 7/64	130	4 7/32	107.1	5	127	1 9/16	39.6	I	15455	34.00
25044	2 3/4"	70.0	5 7/64	130	4 5/16	109.5	5	127	1 9/16	39.6	II	14800	32.56
25048	3"	76.4	5 1/2	140	4 23/32	119.8	5	127	1 7/8	47.6	III	16350	35.97
25050	3 1/8"	79.5	5 1/2	140	4 7/8	123.8	5	127	2 3/32	53.1	III	16550	36.41
25052	3 1/4"	82.7	5 1/2	140	5	127.0	5	127	2 3/32	53.1	III	16000	35.20
25056	3 1/2"	89.1	5 1/2	140	5 5/16	134.9	5	127	2 3/32	53.1	III	17900	39.38
25058	3 5/8"	92.3	5 11/16	145	5 1/2	139.7	5	127	2 3/16	55.5	III	17600	38.72
25060	3 3/4"	95.4	5 11/16	145	5 5/8	142.8	5	127	2 3/16	55.5	III	19500	42.90
25062	3 7/8"	98.6	5 29/32	150	5 25/32	146.8	5	127	2 5/16	58.7	III	20010	44.02
25064	4"	101.8	5 29/32	150	5 15/16	150.8	5	127	2 5/16	58.7	III	21400	47.08
25066	4 1/8"	105.0	6 3/32	155	6 1/8	155.5	5	127	2 1/2	63.5	III	11300	24.86
25068	4 1/4"	108.2	6 5/16	160	6 1/4	158.7	5	127	2 19/32	65.8	III	12650	27.83
25070	4 3/8"	111.3	6 1/2	165	6 7/16	163.5	5	127	2 11/16	68.2	III	13200	29.04
25072	4 1/2"	114.5	6 1/2	165	6 9/16	166.6	5	127	2 11/16	68.2	III	13900	30.58
25074	4 5/8"	117.7	6 11/16	170	6 3/4	171.4	5	127	2 7/8	73.0	III	15050	33.11
25076	4 3/4"	120.9	6 11/16	170	6 15/16	176.2	5	127	2 7/8	73.0	III	15700	34.54
25078	4 7/8"	124.1	6 7/8	175	7 1/8	180.9	5	127	3 1/32	76.9	III	17250	37.95
25080	5"	127.3	6 7/8	175	7 1/4	184.1	5	127	3 1/32	76.9	III	17100	37.62



STANDARDS:  
ASME B107.2



**TYPE I**



**TYPE II**



**TYPE III**







## IMPACT SOCKETS SAFETY RECOMMENDATIONS

4



**Always wear safety glasses.**



**Never use a standard size in place of a metric size or vice versa.**



**Never use hand sockets for impact applications. Just because they are not chrome-coated does not mean they are impact sockets.**



**Your position must be stable so that you can hold the tool securely.**



**Keep pneumatic tools properly maintained, according to the cleaning and lubrication instructions in the maintenance manual.**



**Make sure that the air supply you are using has a pressure regulator. The recommended pressure is 90 psi.**



**Always use both hands.**



**Always shut off the air supply when you connect or disconnect tools.**