

# EVERYTHING IMPACT™



*Impact Sockets, Chisels & Attachments*





# GP is **EVERYTHING IMPACT™**

Grey Pneumatic (GP) through our distributors supplies the world's automotive, industrial, assembly, mining, maintenance, construction, and energy industries with heavy duty, high quality impact and specialty sockets. We carry a complete line of Impact Socket sets and individuals from 1/4" drive thru 2-1/2" and #5 spline drive with hex sizes up to 8". We also offer a large selection of star impact drivers, impact hex drivers, triple square drivers, stripped nut/wheel lock removers, torque limiting extensions plus Impact chisels and accessories.

GP sockets and tools using the highest quality chrome-molybdenum alloy steel and state-of-the-art manufacturing processes and equipment. Thorough and exact heat treatment, as well as rigid quality control, ensures the correct balance of strength and durability to deliver outstanding performance at the most competitive cost.

GP Tools are available through Automotive and Industrial warehouse distributors, tool stores, mobile tool truck dealers, tire equipment and supply warehouses and other sources that service these markets.

GP offers **Fast and Reliable** service to all of our distributors and their customers.



*GP Tools carry a  
Lifetime Warranty.*

## **All GP Impact Sockets feature the GP "High Torque" Drive**

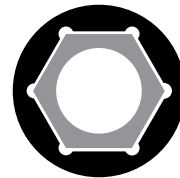
### **Benefits are:**

**Increased Strength** - Transfers the pressure from the thinnest part of the socket wall toward the thicker section, resulting in increased strength.

**Increased Torque** - Allows up to 20% more torque to be applied than on standard hex impact sockets.

**Easier Access to Tight Areas** - The shift in pressure allows us to reduce the socket wall thickness, increasing access to tight areas.

**Reduced Wear** - Our impact sockets grip the fastener across a broader contact area, reducing the chance of rounding off fasteners.




*GP "High Torque"  
drive offers many  
benefits.*



*All GP Sockets feature  
extra-large size markings  
for quick identification.*

**EVERYTHING IMPACT™**



1/4" Drive Impact Sockets	2	1/4"
3/8" Drive Impact Sockets	13	3/8"
1/2" Drive Impact Sockets	41	1/2"
3/4" Drive Impact Sockets	72	3/4"
1" Drive Impact Sockets	92	1"
1-1/2" Drive Impact Sockets	118	1-1/2"
2-1/2" Drive Impact Sockets	127	2-1/2"
#5 Spline Impact Sockets	132	#5 Spline
1/4" through 1/2" Drive 	136	DUO
Hex Drivers 1/4" through 1-1/2" Drive	145	HEX
Star Drivers 1/4" through 1/2" Drive	160	Star
Triple Square Drivers 3/8" through 1/2" Drive	169	Triple Square
Torque Limiting Impact Sockets and Extensions	175	Torque Limiting
Special Application	179	Specials
Wheel Service Items	181	Wheel Service
Impact Socket Displays	186	Displays
Impact Chisels for Pneumatic Hammers	193	Chisels



# 1/4" Drive Impact Socket Set



1/4"

6s

No. 9771

1/4" Drive Master Set

SAE

MM



This set contains every socket in our 1/4" surface drive line, plus 3 extensions, universal joint and 1/4" to 3/8" adapter in a molded storage case with handle. Great for use on impact wrenches, air ratchets as well as hand ratchets.



### 71 piece set contents:

#### 10 Pieces Standard Length:

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

#### 10 Pieces Deep Length:

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

#### 14 Pieces Metric Standard Length:

4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm

#### 14 Pieces Metric Deep Length:

4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm

#### 6 Pieces Standard Universal:

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

#### 12 Pieces Metric Standard Universal:

5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm

#### 1 Piece Each:

2", 4", & 6" Extensions  
1/4" Universal Joint  
1/4" F. x 3/8" M. Adapter

Molded Storage Case





# 1/4" Drive Impact Socket Sets



No. 9748

## 1/4" Drive Standard & Deep Length Master Set



1/4"



This set contains all standard and deep length sockets in both fractional and metric sizes. Packaged in a blow mold case for organized storage.



### 48 piece set contents:

#### 10 Pieces Standard Length:

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

#### 10 Pieces Deep Length:

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

#### 14 Pieces Metric Standard Length:

4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm

#### 14 Pieces Metric Deep Length:

4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm

Molded Storage Case



No. 9728M

## 1/4" Drive Standard & Deep Length Metric Master Set



### 28 piece set contents:

#### 14 Pieces Metric Standard Length:

4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm

#### 14 Pieces Metric Deep Length:

4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm

Molded Storage Case





# 1/4" Drive Impact Socket Sets



1/4"

## 6s No. 9710 1/4" Drive Standard Length Fractional Set SAE



### 10 piece set contents:

906RS.....	3/16"	912RS.....	3/8"
907RS.....	7/32"	914RS.....	7/16"
908RS.....	1/4"	916RS.....	1/2"
909RS.....	9/32"	918RS.....	9/16"
910RS.....	5/16"		Molded Storage Case
911RS.....	11/32"		

## 6s No. 9710D 1/4" Drive Deep Length Fractional Set SAE



### 10 piece set contents:

906DS.....	3/16"	912DS.....	3/8"
907DS.....	7/32"	914DS.....	7/16"
908DS.....	1/4"	916DS.....	1/2"
909DS.....	9/32"	918DS.....	9/16"
910DS.....	5/16"		Molded Storage Case
911DS.....	11/32"		

## 6s No. 9714M 1/4" Drive Standard Length Metric Set MM



### 14 piece set contents:

904MS.....	.4mm	910MS.....	.10mm
945MS.....	4.5mm	911MS.....	.11mm
905MS.....	.5mm	912MS.....	.12mm
955MS.....	5.5mm	913MS.....	.13mm
906MS.....	.6mm	914MS.....	.14mm
907MS.....	.7mm	915MS.....	.15mm
908MS.....	.8mm		Molded Storage Case
909MS.....	.9mm		

## 6s No. 9714MD 1/4" Drive Deep Length Metric Set MM



### 14 piece set contents:

904MDS.....	.4mm	910MDS.....	.10mm
945MDS.....	4.5mm	911MDS.....	.11mm
905MDS.....	.5mm	912MDS.....	.12mm
955MDS.....	5.5mm	913MDS.....	.13mm
906MDS.....	.6mm	914MDS.....	.14mm
907MDS.....	.7mm	915MDS.....	.15mm
908MDS.....	.8mm		Molded Storage Case
909MDS.....	.9mm		



# 1/4" Drive Universal & Magnetic Impact Socket Sets



## No. 9706U 1/4" Drive Standard Length Fractional Universal Set SAE

1/4"



### 6 piece set contents:

- |                  |                     |
|------------------|---------------------|
| 908US..... 1/4"  | 916US..... 1/2"     |
| 910US..... 5/16" | 918US..... 9/16"    |
| 912US..... 3/8"  | Molded Storage Case |
| 914US..... 7/16" |                     |



## No. 9712UM 1/4" Drive Standard Length Metric Universal Set MM



### 12 piece set contents:

- |                    |                     |
|--------------------|---------------------|
| 905UMS ..... 5mm   | 911UMS ..... 11mm   |
| 955UMS ..... 5.5mm | 912UMS ..... 12mm   |
| 906UMS ..... 6mm   | 913UMS ..... 13mm   |
| 907UMS ..... 7mm   | 914UMS ..... 14mm   |
| 908UMS ..... 8mm   | 915UMS ..... 15mm   |
| 909UMS ..... 9mm   | Molded Storage Case |
| 910UMS ..... 10mm  |                     |



## No. 9723G 1/4" Drive Standard Length Fractional & Metric Magnetic Set SAE MM



This set contains standard length, fractional and metric sizes along with an extension and universal joint packaged in a molded storage case. The powerful magnets hold any fastener securely. Great for use in impact or non-impact applications.

### 23 piece set contents:

- |                     |   |
|---------------------|---|
| 906RG..... 3/16"    | 905MG ..... .5mm                        |
| 907RG..... 7/32"    | 955MG ..... 5.5mm                       |
| 908RG..... 1/4"     | 906MG ..... .6mm                        |
| 909RG..... 9/32"    | 907MG ..... .7mm                        |
| 910RG..... 5/16"    | 908MG ..... .8mm                        |
| 911RG..... 11/32"   | 909MG ..... .9mm                        |
| 912RG..... 3/8"     | 910MG ..... 10mm                        |
| 914RG..... 7/16"    | 911MG ..... 11mm                        |
| 916RG..... 1/2"     | 912MG ..... 12mm                        |
| Molded Storage Case | 913MG ..... 13mm                        |
|                     | 914MG ..... 14mm                        |
|                     | 915MG ..... 15mm                        |
|                     | 942E ..... 2" Extension                 |
|                     | 929UJ ..... 1/4" x 1/4" Universal Joint |



**WARNING:** Always wear safety goggles when using Impact Tools. Use only properly matched fractional or metric sizes.





# 1/4" Drive Magnetic Impact Socket Sets



1/4"

## No. 9709G 1/4" Drive Standard Length Fractional Magnetic Set SAE



### 9 piece set contents:

906RG.....	3/16"	911RG.....	11/32"
907RG.....	7/32"	912RG.....	3/8"
908RG.....	1/4"	914RG.....	7/16"
909RG.....	9/32"	916RG.....	1/2"
910RG.....	5/16"		on a Metal Clip Rail

## No. 9712MG 1/4" Drive Standard Length Metric Magnetic Set MM



### 12 piece set contents:

905MG.....	.5mm	910MG.....	10mm
955MG.....	5.5mm	911MG.....	11mm
906MG.....	.6mm	912MG.....	12mm
907MG.....	.7mm	913MG.....	13mm
908MG.....	.8mm	914MG.....	14mm
909MG.....	9mm	915MG.....	15mm
			Molded Storage Case

## No. 9709DG 1/4" Drive Deep Length Fractional Magnetic Set SAE



These Magnetic sockets feature a spring loaded magnet that retracts into the socket for extended bolt applications.



### 9 piece set contents:

906DG.....	3/16"	911DG.....	11/32"
907DG.....	7/32"	912DG.....	3/8"
908DG.....	1/4"	914DG.....	7/16"
909DG.....	9/32"	916DG.....	1/2"
910DG.....	5/16"		on a Metal Clip Rail

## No. 9712MDG 1/4" Drive Deep Length Metric Magnetic Set MM



These Magnetic sockets feature a spring loaded magnet that retracts into the socket for extended bolt applications.



### 12 piece set contents:

905MDG.....	.5mm	910MDG.....	10mm
955MDG.....	5.5mm	911MDG.....	11mm
906MDG.....	.6mm	912MDG.....	12mm
907MDG.....	.7mm	913MDG.....	13mm
908MDG.....	.8mm	914MDG.....	14mm
909MDG.....	.9mm	915MDG.....	15mm
			Molded Storage Case





# 1/4" Drive Standard Length Impact Sockets



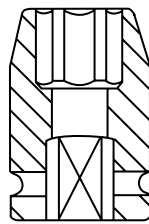
Surface Drive Impact Sockets are specially designed with a hex opening that allows for quick engagement of a fastener. Ideal for assembly operations.

1/4"

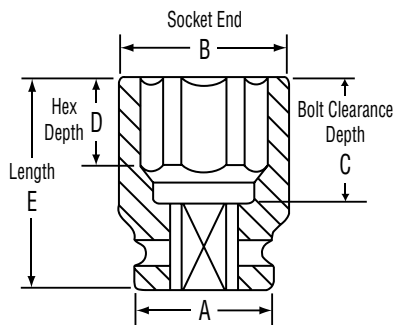
## 6s 1/4" Drive - Standard Length - Fractional Sizes SAE



Item Number	Hex Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
<b>906RS</b>	<b>3/16"</b>	I	.51	.33	.55	.24	.91
<b>907RS</b>	<b>7/32"</b>	I	.51	.37	.55	.24	.91
<b>908RS</b>	<b>1/4"</b>	I	.51	.41	.55	.28	.91
<b>909RS</b>	<b>9/32"</b>	I	.51	.44	.55	.28	.91
<b>910RS</b>	<b>5/16"</b>	I	.51	.49	.55	.35	.91
<b>911RS</b>	<b>11/32"</b>	II	.51	.54	.55	.35	.91
<b>912RS</b>	<b>3/8"</b>	II	.51	.59	.55	.35	.91
<b>914RS</b>	<b>7/16"</b>	II	.51	.64	.55	.35	.91
<b>916RS</b>	<b>1/2"</b>	II	.51	.74	.55	.35	.91
<b>918RS</b>	<b>9/16"</b>	II	.51	.79	.55	.35	.91



SHAPE I



SHAPE II

## 6s Standard Length - Metric Sizes MM

Item Number	Hex Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
<b>904MS</b>	<b>4mm</b>	I	13	7.6	14	4	23
<b>905MS</b>	<b>4.5mm</b>	I	13	8.2	14	6	23
<b>905MS</b>	<b>5mm</b>	I	13	8.8	14	6	23
<b>955MS</b>	<b>5.5mm</b>	I	13	9.5	14	6	23
<b>906MS</b>	<b>6mm</b>	I	13	10.0	14	7	23
<b>907MS</b>	<b>7mm</b>	I	13	11.3	14	7	23
<b>908MS</b>	<b>8mm</b>	I	13	12.5	14	9	23
<b>909MS</b>	<b>9mm</b>	II	13	13.8	14	9	23
<b>910MS</b>	<b>10mm</b>	II	13	15.0	14	9	23
<b>911MS</b>	<b>11mm</b>	II	13	16.3	14	9	23
<b>912MS</b>	<b>12mm</b>	II	13	17.0	14	9	23
<b>913MS</b>	<b>13mm</b>	II	13	18.8	14	9	23
<b>914MS</b>	<b>14mm</b>	II	13	20.0	14	9	23
<b>915MS</b>	<b>15mm</b>	II	13	21.0	14	9	23



# 1/4" Drive Deep Length Impact Sockets



Surface Drive Impact Sockets are specially designed with a hex opening that allows for quick engagement of a fastener. Ideal for assembly operations.

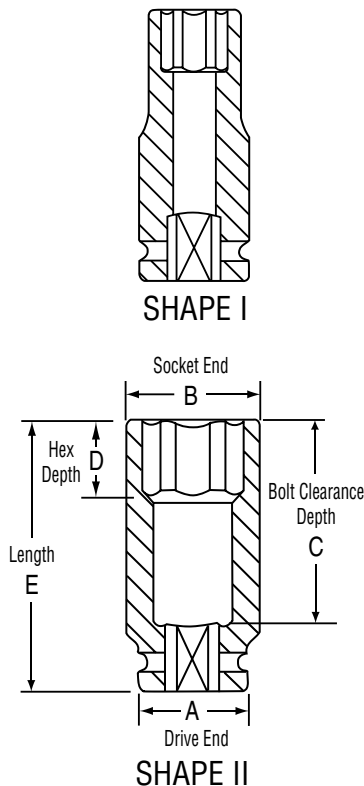
1/4"

## 6s 1/4" Drive - Deep Length - Fractional Sizes SAE



Item Number	Hex Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
<b>906DS</b>	<b>3/16"</b>	I	.51	.34	1.61	.24	1.97
<b>907DS</b>	<b>7/32"</b>	I	.51	.37	1.61	.24	1.97
<b>908DS</b>	<b>1/4"</b>	I	.51	.41	1.61	.28	1.97
<b>909DS</b>	<b>9/32"</b>	I	.51	.44	1.61	.28	1.97
<b>910DS</b>	<b>5/16"</b>	I	.51	.49	1.61	.35	1.97
<b>911DS</b>	<b>11/32"</b>	II	.51	.54	1.61	.35	1.97
<b>912DS</b>	<b>3/8"</b>	II	.51	.59	1.61	.35	1.97
<b>914DS</b>	<b>7/16"</b>	II	.51	.64	1.61	.35	1.97
<b>916DS</b>	<b>1/2"</b>	II	.51	.74	1.61	.35	1.97
<b>918DS</b>	<b>9/16"</b>	II	.51	.79	1.61	.35	1.97

## 6s Deep Length - Metric Sizes MM



Item Number	Hex Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
<b>904MDS</b>	<b>4mm</b>	I	13	7.6	41	4	50
<b>945MDS</b>	<b>4.5mm</b>	I	13	8.2	41	6	50
<b>905MDS</b>	<b>5mm</b>	I	13	8.8	41	6	50
<b>955MDS</b>	<b>5.5mm</b>	I	13	9.5	41	6	50
<b>906MDS</b>	<b>6mm</b>	I	13	10.0	41	7	50
<b>907MDS</b>	<b>7mm</b>	I	13	11.3	41	7	50
<b>908MDS</b>	<b>8mm</b>	I	13	12.5	41	9	50
<b>909MDS</b>	<b>9mm</b>	II	13	13.8	41	9	50
<b>910MDS</b>	<b>10mm</b>	II	13	15.0	41	9	50
<b>911MDS</b>	<b>11mm</b>	II	13	16.3	41	9	50
<b>912MDS</b>	<b>12mm</b>	II	13	17.0	41	9	50
<b>913MDS</b>	<b>13mm</b>	II	13	18.8	41	9	50
<b>914MDS</b>	<b>14mm</b>	II	13	20.0	41	9	50
<b>915MDS</b>	<b>15mm</b>	II	13	21.0	41	9	50



# 1/4" Drive Universal Impact Sockets



Surface Drive Impact Sockets are specially designed with a hex opening that allows for quick engagement of a fastener. Ideal for assembly operations.

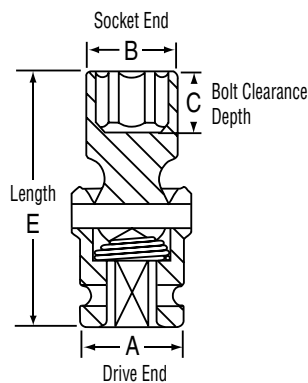
1/4"

## 6s 1/4" Drive - Standard Length Universal - Fractional Sizes SAE



Item Number	Hex Size	Dimensions (Inches)			
		A	B	C	E
<b>908US</b>	<b>1/4"</b>	.59	.43	.28	1.69
<b>910US</b>	<b>5/16"</b>	.59	.49	.35	1.69
<b>912US</b>	<b>3/8"</b>	.59	.59	.35	1.69
<b>914US</b>	<b>7/16"</b>	.59	.65	.35	1.69
<b>916US</b>	<b>1/2"</b>	.63	.74	.35	1.89
<b>918US</b>	<b>9/16"</b>	.63	.78	.35	1.89

## 6s Standard Length Universal - Metric Sizes MM



Item Number	Hex Size	Dimensions (Millimeters)			
		A	B	C	E
<b>905UMS</b>	<b>5mm</b>	15	8.8	6	43
<b>955UMS</b>	<b>5.5mm</b>	15	9.5	6	43
<b>906UMS</b>	<b>6mm</b>	15	10.0	7	43
<b>907UMS</b>	<b>7mm</b>	15	11.5	7	43
<b>908UMS</b>	<b>8mm</b>	15	12.5	9	43
<b>909UMS</b>	<b>9mm</b>	15	14.0	9	43
<b>910UMS</b>	<b>10mm</b>	15	15.0	9	43
<b>911UMS</b>	<b>11mm</b>	15	16.5	9	43
<b>912UMS</b>	<b>12mm</b>	16	16.8	9	48
<b>913UMS</b>	<b>13mm</b>	16	18.8	9	48
<b>914UMS</b>	<b>14mm</b>	16	19.8	9	48
<b>915UMS</b>	<b>15mm</b>	16	20.8	9	48



# 1/4" Drive Standard Length Magnetic Impact Sockets



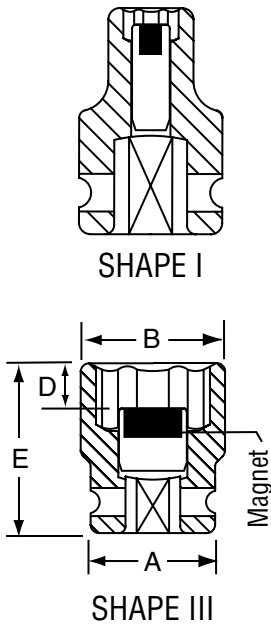
1/4"

## 1/4" Drive Magnetic - Standard Length - Fractional Sizes SAE



Item Number	Hex Size	Shape	Dimensions (Inches)			
			A	B	D	E
<b>906RG</b>	<b>3/16"</b>	I	.51	.33	.12	.91
<b>907RG</b>	<b>7/32"</b>	I	.51	.37	.12	.91
<b>908RG</b>	<b>1/4"</b>	I	.51	.41	.12	.91
<b>909RG</b>	<b>9/32"</b>	I	.51	.44	.12	.91
<b>910RG</b>	<b>5/16"</b>	I	.51	.49	.12	.91
<b>911RG</b>	<b>11/32"</b>	III	.51	.54	.16	.91
<b>912RG</b>	<b>3/8"</b>	III	.51	.59	.16	.91
<b>914RG</b>	<b>7/16"</b>	III	.51	.64	.20	.91
<b>916RG</b>	<b>1/2"</b>	III	.51	.74	.20	.91

## Standard Length - Metric Sizes MM



Item Number	Hex Size	Shape	Dimensions (Millimeters)			
			A	B	D	E
<b>905MG</b>	<b>5mm</b>	I	13	8.8	3.0	23
<b>955MG</b>	<b>5.5mm</b>	I	13	9.5	3.0	23
<b>906MG</b>	<b>6mm</b>	I	13	10.0	3.0	23
<b>907MG</b>	<b>7mm</b>	I	13	11.3	3.0	23
<b>908MG</b>	<b>8mm</b>	I	13	12.5	3.0	23
<b>909MG</b>	<b>9mm</b>	III	13	13.8	4.0	23
<b>910MG</b>	<b>10mm</b>	III	13	15.0	4.0	23
<b>911MG</b>	<b>11mm</b>	III	13	16.3	5.0	23
<b>912MG</b>	<b>12mm</b>	III	13	17.0	5.0	23
<b>913MG</b>	<b>13mm</b>	III	13	18.8	5.0	23
<b>914MG</b>	<b>14mm</b>	III	13	20.0	5.5	23
<b>915MG</b>	<b>15mm</b>	III	13	21.0	5.5	23



# 1/4" Drive Deep Length Magnetic Impact Sockets



All deep Magnetic sockets feature a spring loaded magnet that retracts into the socket for extended bolt applications.



## 1/4" Drive Magnetic - Deep Length - Fractional Sizes

SAE

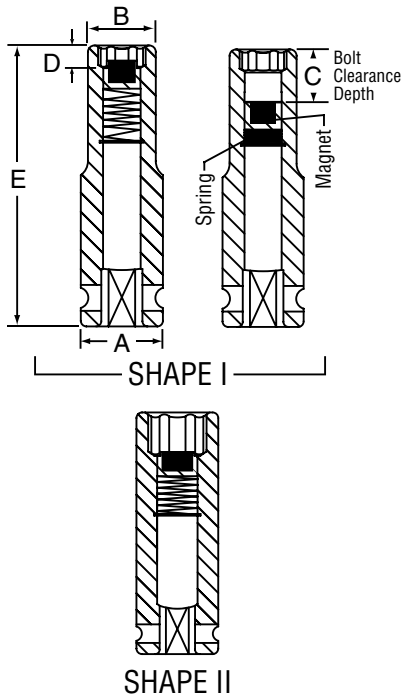
1/4"



Item Number	Hex Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
<b>906DG</b>	<b>3/16"</b>	I	.51	.33	.95	.16	1.97
<b>907DG</b>	<b>7/32"</b>	I	.51	.37	.95	.16	1.97
<b>908DG</b>	<b>1/4"</b>	I	.51	.41	.95	.16	1.97
<b>909DG</b>	<b>9/32"</b>	II	.51	.44	.95	.16	1.97
<b>910DG</b>	<b>5/16"</b>	II	.51	.49	.95	.16	1.97
<b>911DG</b>	<b>11/32"</b>	II	.51	.54	.95	.16	1.97
<b>912DG</b>	<b>3/8"</b>	II	.51	.59	.95	.24	1.97
<b>914DG</b>	<b>7/16"</b>	II	.51	.64	.95	.24	1.97
<b>916DG</b>	<b>1/2"</b>	II	.51	.74	.95	.28	1.97



## Deep Length - Metric Sizes



Item Number	Hex Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
<b>905MDG</b>	<b>5mm</b>	I	13	8.8	24	4	50
<b>955MDG</b>	<b>5.5mm</b>	I	13	9.5	24	4	50
<b>906MDG</b>	<b>6mm</b>	I	13	10.0	24	4	50
<b>907MDG</b>	<b>7mm</b>	I	13	11.3	24	4	50
<b>908MDG</b>	<b>8mm</b>	I	13	12.5	24	4	50
<b>909MDG</b>	<b>9mm</b>	II	13	13.8	24	4	50
<b>910MDG</b>	<b>10mm</b>	II	13	15.0	24	6	50
<b>911MDG</b>	<b>11mm</b>	II	13	16.3	24	6	50
<b>912MDG</b>	<b>12mm</b>	II	13	17.0	24	6	50
<b>913MDG</b>	<b>13mm</b>	II	13	18.8	24	7	50
<b>914MDG</b>	<b>14mm</b>	II	13	20.0	24	7	50
<b>915MDG</b>	<b>15mm</b>	II	13	21.0	24	8	50



**WARNING:** Always wear safety goggles when using Impact Tools. Use only properly matched fractional or metric sizes.

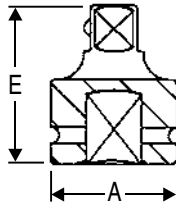




# 1/4" Drive Impact Attachments



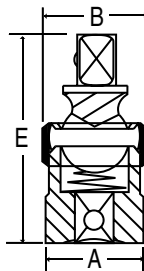
## 1/4" Drive Adapter SAE



Item Number	Female End	Male End	Socket Retention Device	Dimensions (Inches)	
				A	E
<b>938A</b>	<b>1/4"</b>	<b>3/8"</b>	Friction Ball	.54	1.02

\*See page 179 for New Reducing Sleeve Adapters

## 1/4" Drive Universal Joint SAE



Item Number	Size	Socket Retention Device	Dimensions (Inches)		
			A	B	E
<b>929UJ</b>	<b>1/4" x 1/4"</b>	Friction Ball	.63	.71	1.69

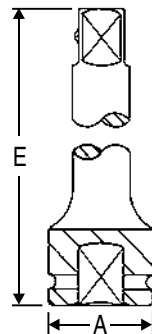
## 1/4" Drive Extensions SAE



Standard



Locking



Item Number	Description	Socket Retention Device	Dimensions (Inches)	
			A	E
<b>Standard Extensions</b>				
<b>942E</b>	<b>2" Extension</b>	Friction Ball	.51	1.97
<b>944E</b>	<b>4" Extension</b>	Friction Ball	.51	3.94
<b>946E</b>	<b>6" Extension</b>	Friction Ball	.51	5.91

### Locking Extensions



These extensions feature a positive locking ball and sliding collar for quick release of sockets and accessories. Useful in hard to reach areas where a positive lock on the socket is required.

**9703QL** 3 pc. Locking Extension Set - includes 3", 6", 12"

<b>943QL</b>	<b>3" Locking Extension</b>	.51	2.95
<b>946QL</b>	<b>6" Locking Extension</b>	.51	5.91
<b>952QL</b>	<b>12" Locking Extension</b>	.51	11.81
<b>958QL</b>	<b>18" Locking Extension</b>	.51	17.72
<b>964QL</b>	<b>24" Locking Extension</b>	.51	24.02

### Socket Retention Device Key for 1/4" Drive Adapters, Extensions & Universal Joints



#### FB Friction Ball

A spring loaded steel ball that lines up with the socket retainer hole. Use caution when using this system because the socket is held in place only by spring pressure on the steel ball.

**Do NOT run the tool when the socket is OFF the fastener.**



# 3/8" Drive Fractional Impact Socket Sets



## 6 No. 1213 3/8" Drive Standard Length Fractional Set SAE



### 12 piece set contents:

1010R.....	5/16"	1022R.....	11/16"
1012R.....	3/8"	1024R.....	3/4"
1014R.....	7/16"	1026R.....	13/16"
1016R.....	1/2"	1028R.....	7/8"
1018R.....	9/16"	1030R.....	15/16"
1020R.....	5/8"	1032R.....	1"

Molded Storage Case

3/8"

## 6 No. 1213SD 3/8" Drive Semi-Deep Length Fractional Set SAE



### 12 piece set contents:

1010SD.....	5/16"	1022SD.....	11/16"
1012SD.....	3/8"	1024SD.....	3/4"
1014SD.....	7/16"	1026SD.....	13/16"
1016SD.....	1/2"	1028SD.....	7/8"
1018SD.....	9/16"	1030SD.....	15/16"
1020SD.....	5/8"	1032SD.....	1"

Molded Storage Case

## 6 No. 1213D 3/8" Drive Deep Length Fractional Set SAE



### 12 piece set contents:

1010D.....	5/16"	1022D.....	11/16"
1012D.....	3/8"	1024D.....	3/4"
1014D.....	7/16"	1026D.....	13/16"
1016D.....	1/2"	1028D.....	7/8"
1018D.....	9/16"	1030D.....	15/16"
1020D.....	5/8"	1032D.....	1"

Molded Storage Case





# 3/8" Drive Metric Impact Socket Sets



## 6 No. 1213M 3/8" Drive Standard Length Metric Set



### 13 piece set contents:

1007M. ....	7mm	1014M. ....	14mm
1008M. ....	8mm	1015M. ....	15mm
1009M. ....	9mm	1016M. ....	16mm
1010M. ....	10mm	1017M. ....	17mm
1011M. ....	11mm	1018M. ....	18mm
1012M. ....	12mm	1019M. ....	19mm
1013M. ....	13mm		Molded Storage Case

3/8"

## 6 No. 1213MSD 3/8" Drive Semi-Deep Length Metric Set



### 13 piece set contents:

1007MSD. ....	7mm	1014MSD. ....	14mm
1008MSD. ....	8mm	1015MSD. ....	15mm
1009MSD. ....	9mm	1016MSD. ....	16mm
1010MSD. ....	10mm	1017MSD. ....	17mm
1011MSD. ....	11mm	1018MSD. ....	18mm
1012MSD. ....	12mm	1019MSD. ....	19mm
1013MSD. ....	13mm		Molded Storage Case

## 6 No. 1213MD 3/8" Drive Deep Length Metric Set



### 13 piece set contents:

1007MD. ....	7mm	1014MD. ....	14mm
1008MD. ....	8mm	1015MD. ....	15mm
1009MD. ....	9mm	1016MD. ....	16mm
1010MD. ....	10mm	1017MD. ....	17mm
1011MD. ....	11mm	1018MD. ....	18mm
1012MD. ....	12mm	1019MD. ....	19mm
1013MD. ....	13mm		Molded Storage Case





# 3/8" Drive Impact Socket Set



6

No. 1281

## 3/8" Drive Fractional & Metric Master Socket Set



This set contains our most popular 3/8" drive 6 point sockets and universals with extended range metric sizes up to 22mm. Also included is a 3" extension, universal joint and 1/4" hex to 3/8" square adapter for use with hex drive impact tools. All packed in a compact, low profile, blow molded storage case which can be used as a tool box organizer when the cover is removed.

3/8"



### 81 piece set contents:

#### 12 Pieces Fractional Standard Length:

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

#### 12 Pieces Fractional Deep Length:

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

#### 16 Pieces Metric Standard Length:

7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm,  
17mm, 18mm, 19mm, 20mm, 21mm, 22mm

#### 16 Pieces Metric Deep Length:

7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm,  
17mm, 18mm, 19mm, 20mm, 21mm, 22mm

#### 12 Pieces Standard Length Fractional Universal:

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

#### 10 Pieces Standard Length Metric Universal:

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

#### 1 Piece Each:

3" Extension  
3/8" Universal Joint  
1/4" Hex x 3/8" Square Adapter

Molded Storage Case



**WARNING:** Always wear safety goggles when using Impact Tools. Use only properly matched fractional or metric sizes.





# 3/8" Drive Impact Socket Sets



## 6 No. 1242RD 3/8" Drive Standard & Deep Length Master Set SAE MM



Set contains both Fractional and Metric sizes standard and deep lengths plus a 3" extension and universal joint packaged in a molded case for easy transport and storage.

### 42 piece set contents:

**8 Pieces Fractional Standard Length:**  
5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

**8 Pieces Fractional Deep Length:**  
5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

**12 Pieces Metric Standard Length:**  
8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm

**12 Pieces Metric Deep Length:**  
8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm

**1 Piece Each:**  
3" Extension  
3/8" Universal Joint

Molded Storage Case



## 6 No. 1226M 3/8" Drive Standard & Deep Length Metric Master Set MM



### 26 piece set contents:

**13 Pieces Metric Standard Length:**  
7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm

**13 Pieces Metric Deep Length:**  
7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm

Molded Storage Case





## 6 No. 1229DM\* 3/8" Drive Deep Length Set SAE MM



Set contains deep length Fractional and Metric sizes plus a 3" extension, universal joint and adapter packaged in a molded storage case for easy transport and storage.

\*Patent Number DES.395,166

3/8"



### 29 piece set contents:

#### 12 Pieces Fractional Deep Length:

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

#### 14 Pieces Metric Deep Length:

8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm,  
16mm, 17mm, 18mm, 19mm, 21mm, 22mm

#### 1 Piece Each:

3" Extension  
1/2" Female x 3/8" Male Adapter  
3/8" Universal Joint

Molded Storage Case

## No. 1100 3/8" Drive Impact Adapter & Extension Set SAE



### 6 piece set contents:

1128A*	.....	3/8" F. x 1/4" M. Adapter
1138A	.....	3/8" F. x 1/2" M. Adapter
1129UJ	.....	3/8" x 3/8" Universal Joint
1140E	.....	1-3/4" Extension
1143E	.....	.3" Extension
1146E	.....	.6" Extension
		Molded Storage Case

All items use the Friction Ball Retainer.

\* Reducing Adapters are not covered by the Gp Warranty.





# 3/8" Drive 12-Point Fractional Impact Socket Sets



## 12 No. 1202 3/8" Drive 12-Point Standard Length Fractional Set SAE



### 12 piece set contents:

1110R	.....	5/16"	1122R	.....	11/16"
1112R	.....	3/8"	1124R	.....	3/4"
1114R	.....	7/16"	1126R	.....	13/16"
1116R	.....	1/2"	1128R	.....	7/8"
1118R	.....	9/16"	1130R	.....	15/16"
1120R	.....	5/8"	1132R	.....	1"

Molded Storage Case

3/8"

## 12 No. 1202SD 3/8" Drive 12-Point Semi-Deep Length Fractional Set SAE



### 12 piece set contents:

1110SD	.....	5/16"	1122SD	.....	11/16"
1112SD	.....	3/8"	1124SD	.....	3/4"
1114SD	.....	7/16"	1126SD	.....	13/16"
1116SD	.....	1/2"	1128SD	.....	7/8"
1118SD	.....	9/16"	1130SD	.....	15/16"
1120SD	.....	5/8"	1132SD	.....	1"

Molded Storage Case

## 12 No. 1202D 3/8" Drive 12-Point Deep Length Fractional Set SAE



### 12 piece set contents:

1110D	.....	5/16"	1122D	.....	11/16"
1102D	.....	3/8"	1124D	.....	3/4"
1114D	.....	7/16"	1126D	.....	13/16"
1116D	.....	1/2"	1128D	.....	7/8"
1118D	.....	9/16"	1130D	.....	15/16"
1120D	.....	5/8"	1132D	.....	1"

Molded Storage Case



# 3/8" Drive 12-Point Metric Impact Socket Sets



## 12 No. 1203M 3/8" Drive 12-Point Standard Length Metric Set



### 13 piece set contents:

1107M	.....	7mm	1114M	.....	14mm
1108M	.....	8mm	1115M	.....	15mm
1109M	.....	9mm	1116M	.....	16mm
1110M	.....	10mm	1117M	.....	17mm
1111M	.....	11mm	1118M	.....	18mm
1112M	.....	12mm	1119M	.....	19mm
1113M	.....	13mm			Molded Storage Case

3/8"

## 12 No. 1203MSD 3/8" Drive 12-Point Semi-Deep Length Metric Set



### 13 piece set contents:

1107MSD	.....	7mm	1114MSD	.....	14mm
1108MSD	.....	8mm	1115MSD	.....	15mm
1109MSD	.....	9mm	1116MSD	.....	16mm
1110MSD	.....	10mm	1117MSD	.....	17mm
1111MSD	.....	11mm	1118MSD	.....	18mm
1112MSD	.....	12mm	1119MSD	.....	19mm
1113MSD	.....	13mm			Molded Storage Case

## 12 No. 1203MD 3/8" Drive 12-Point Deep Length Metric Set



### 13 piece set contents:

1107MD	.....	7mm	1114MD	.....	14mm
1108MD	.....	8mm	1115MD	.....	15mm
1109MD	.....	9mm	1116MD	.....	16mm
1110MD	.....	10mm	1117MD	.....	17mm
1111MD	.....	11mm	1118MD	.....	18mm
1112MD	.....	12mm	1119MD	.....	19mm
1113MD	.....	13mm			Molded Storage Case



# 3/8" Drive 12-Point Impact Socket Set



## 12 No. 1642RD 3/8" Drive 12-Point Standard & Deep Length Master Set SAE MM

3/8"



Set contains both Fractional and Metric sizes standard and deep lengths plus a 3" extension and universal joint packaged in a molded case for easy transport and storage.



### 42 piece set contents:

**8 Pieces Fractional Standard Length:**  
5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

**8 Pieces Fractional Deep Length:**  
5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

**12 Pieces Metric Standard Length:**  
8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm

**12 Pieces Metric Deep Length:**  
8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm

**1 Piece Each:**  
3" Extension  
3/8" Universal Joint

**Molded Storage Case**



# 3/8" Drive Fractional Universal Impact Socket Sets



## 6 No. 1212U 3/8" Drive Standard Length Fractional Universal Set SAE



### 12 piece set contents:

1010U	.....	5/16"	1022U	.....	11/16"
1012U	.....	3/8"	1024U	.....	3/4"
1014U	.....	7/16"	1026U	.....	13/16"
1016U	.....	1/2"	1028U	.....	7/8"
1018U	.....	9/16"	1030U	.....	15/16"
1020U	.....	5/8"	1032U	.....	1"

Molded Storage Case

3/8"

## 6 No. 1212USD 3/8" Drive Semi-Deep Length Fractional Universal Set SAE



### 12 piece set contents:

1010USD	.....	5/16"	1022USD	.....	11/16"
1012USD	.....	3/8"	1024USD	.....	3/4"
1014USD	.....	7/16"	1026USD	.....	13/16"
1016USD	.....	1/2"	1028USD	.....	7/8"
1018USD	.....	9/16"	1030USD	.....	15/16"
1020USD	.....	5/8"	1032USD	.....	1"

Molded Storage Case

## 6 No. 1212UD 3/8" Drive Deep Length Fractional Universal Set SAE



### 12 piece set contents:

1010UD	.....	5/16"	1022UD	.....	11/16"
1012UD	.....	3/8"	1024UD	.....	3/4"
1014UD	.....	7/16"	1026UD	.....	13/16"
1016UD	.....	1/2"	1028UD	.....	7/8"
1018UD	.....	9/16"	1030UD	.....	15/16"
1020UD	.....	5/8"	1032UD	.....	1"

Molded Storage Case



# 3/8" Drive Metric Universal Impact Socket Sets



## 6 No. 1210UM 3/8" Drive Standard Length Metric Universal Set MM



### 10 piece set contents:

1010UM	.....10mm	1015UM	.....15mm
1011UM	.....11mm	1016UM	.....16mm
1012UM	.....12mm	1017UM	.....17mm
1013UM	.....13mm	1018UM	.....18mm
1014UM	.....14mm	1019UM	.....19mm

Molded Storage Case

3/8"

## 6 No. 1210UMSD 3/8" Drive Semi-Deep Length Metric Universal Set MM



### 10 piece set contents:

1010UMSD	.....10mm	1015UMSD	.....15mm
1011UMSD	.....11mm	1016UMSD	.....16mm
1012UMSD	.....12mm	1017UMSD	.....17mm
1013UMSD	.....13mm	1018UMSD	.....18mm
1014UMSD	.....14mm	1019UMSD	.....19mm

Molded Storage Case



## 6 No. 1210UMD 3/8" Drive Deep Length Metric Universal Set MM



### 10 piece set contents:

1010UMD	.....10mm	1015UMD	.....15mm
1011UMD	.....11mm	1016UMD	.....16mm
1012UMD	.....12mm	1017UMD	.....17mm
1013UMD	.....13mm	1018UMD	.....18mm
1014UMD	.....14mm	1019UMD	.....19mm

Molded Storage Case





# 3/8" Drive 12-Point Universal Impact Socket Sets



No. 1612U

## 3/8" Drive 12-Point Standard Length Fractional Universal Set

SAE



### 12 piece set contents:

1110U . . . . . 5/16"	1122U . . . . . 11/16"
1112U . . . . . 3/8"	1124U . . . . . 3/4"
1114U . . . . . 7/16"	1126U . . . . . 13/16"
1116U . . . . . 1/2"	1128U . . . . . 7/8"
1118U . . . . . 9/16"	1130U . . . . . 15/16"
1120U . . . . . 5/8"	1132U . . . . . 1"
	Molded Storage Case

3/8"



No. 1610UM

## 3/8" Drive 12-Point Standard Length Metric Universal Set



### 10 piece set contents:

1110UM . . . . . 10mm	1115UM . . . . . 15mm
1111UM . . . . . 11mm	1116UM . . . . . 16mm
1112UM . . . . . 12mm	1117UM . . . . . 17mm
1113UM . . . . . 13mm	1118UM . . . . . 18mm
1114UM . . . . . 14mm	1119UM . . . . . 19mm
	Molded Storage Case





# 3/8" Drive Magnetic Impact Socket Sets



## No. 1224G 3/8" Drive Standard Length Fractional & Metric Magnetic Set



This set contains standard length, fractional and metric sizes along with an extension and universal joint packaged in a molded storage case. The powerful magnets hold any fastener securely. Great for use in impact or non-impact applications.

### 24 piece set contents:

1008RG.....	1/4"	1007MG.....	.7mm
1010RG.....	5/16"	1008MG.....	.8mm
1012RG.....	3/8"	1009MG.....	.9mm
1014RG.....	7/16"	1010MG.....	1.0mm
1016RG.....	1/2"	1011MG.....	1.1mm
1018RG.....	9/16"	1012MG.....	1.2mm
1020RG.....	5/8"	1013MG.....	1.3mm
1022RG.....	11/16"	1014MG.....	1.4mm
1024RG.....	3/4"	1015MG.....	1.5mm
	Molded Storage Case	1016MG.....	1.6mm
		1017MG.....	1.7mm
		1018MG.....	1.8mm
		1019MG.....	1.9mm
		1143E.....	3" Extension
		1129UJ.....	3/8" x 3/8" Universal Joint



## No. 1209G 3/8" Drive Standard Length Fractional Magnetic Set



### 9 piece set contents:

1008RG.....	1/4"	1016RG.....	1/2"
1010RG.....	5/16"	1018RG.....	9/16"
1012RG.....	3/8"	1020RG.....	5/8"
1014RG.....	7/16"	1022RG.....	11/16"
	On a Metal Clip Rail	1024RG.....	3/4"



## No. 1213MG 3/8" Drive Standard Length Metric Magnetic Set



### 13 piece set contents:

1007MG.....	.7mm	1013MG.....	1.3mm
1008MG.....	.8mm	1014MG.....	1.4mm
1009MG.....	.9mm	1015MG.....	1.5mm
1010MG.....	1.0mm	1016MG.....	1.6mm
1011MG.....	1.1mm	1017MG.....	1.7mm
1012MG.....	1.2mm	1018MG.....	1.8mm
	On a Metal Clip Rail	1019MG.....	1.9mm





# 3/8" Drive Magnetic Impact Socket Sets



## No. 1209DG 3/8" Drive Deep Length Fractional Magnetic Set

SAE

These Magnetic sockets feature a spring loaded magnet that retracts into the socket for extended bolt applications.

3/8"



### 9 piece set contents:

1008DG..... 1/4"	1016DG..... 1/2"
1010DG..... 5/16"	1018DG..... 9/16"
1012DG..... 3/8"	1020DG..... 5/8"
1014DG..... 7/16"	1022DG..... 11/16"
On a Metal Clip Rail	1024DG..... 3/4"



## No. 1213MDG 3/8" Drive Deep Length Metric Magnetic Set

MM

These Magnetic sockets feature a spring loaded magnet that retracts into the socket for extended bolt applications.



### 13 piece set contents:

1007MDG.....7mm	1013MDG.....13mm
1008MDG.....8mm	1014MDG.....14mm
1009MDG.....9mm	1015MDG.....15mm
1010MDG.....10mm	1016MDG.....16mm
1011MDG.....11mm	1017MDG.....17mm
1012MDG.....12mm	1018MDG.....18mm
On a Metal Clip Rail	1019MDG.....19mm





# 3/8" Drive Pipe Plug Impact Sockets



## 4 No. 1211P 3/8" Drive Pipe Plug Socket Set SAE



11 piece set contents:

**Male Sizes**

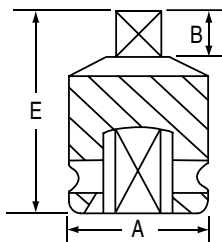
1006PP	3/16"
1008PP	1/4"
1009PP	9/32"
1010PP	5/16"
1011PP	11/32"
1012PP	3/8"

**Female Sizes**

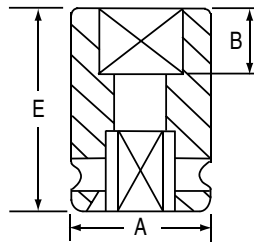
1008FP	1/4"
1009FP	9/32"
1010FP	5/16"
1011FP	11/32"
1012FP	3/8"
Molded Storage Case	



## 4 3/8" Drive Individual Pipe Plug Sockets SAE



MALE



FEMALE

Item Number	Size	Dimensions (Inches)		
		A	B	E
<b>Male Sizes</b>				
1006PP	3/16"	.75	.28	1.18
1008PP	1/4"	.75	.28	1.18
1009PP	9/32"	.75	.28	1.18
1010PP	5/16"	.75	.28	1.18
1011PP	11/32"	.75	.28	1.18
1012PP	3/8"	.75	.28	1.18

**Female Sizes**

1008FP	1/4"	.75	.20	.98
1009FP	9/32"	.75	.28	.98
1010FP	5/16"	.75	.28	.98
1011FP	11/32"	.75	.28	.98
1012FP	3/8"	.75	.28	.98



# 3/8" Drive Spark Plug Impact Sockets



## 6 No. 1202UP 3/8" Drive Universal Swivel Spark Plug Socket Set SAE

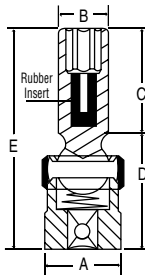


These universal swivel sockets are designed to remove spark plugs in hard to reach areas. They can be used with a hand ratchet or impact wrench. Each socket includes a replaceable rubber spark plug retainer.

### 2 piece set contents:

- 1020UP . . . . . 5/8"
- 1026UP . . . . . 13/16"

Packaged in a molded storage tray.



### Individual Sockets and Parts

Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
<b>1020UP</b>	<b>5/8"</b>	.94	.83	2.47	1.60	4.04
<b>1026UP</b>	<b>13/16"</b>	.94	1.06	2.20	1.65	3.85

### Replacement Rubber Inserts Fits Size

<b>1020RI</b>	5/8"
<b>1026RI</b>	13/16"

3/8"

## 6 No. 1202DUP 3/8" Drive Double Swivel Spark Plug Socket Set SAE

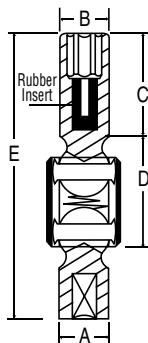


These double swivel sockets are designed to remove spark plugs in hard to reach areas and are especially useful on transverse mounted engines. They can be used with a hand ratchet or impact wrench. Each socket includes a replaceable rubber spark plug retainer.

### 2 piece set contents:

- 1020UP . . . . . 5/8"
- 1026UP . . . . . 13/16"

Packaged in a molded storage tray.



### Individual Sockets and Parts

Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
<b>1020DUP</b>	<b>5/8"</b>	.75	.83	2.47	1.57	5.06
<b>1026DUP</b>	<b>13/16"</b>	.75	1.06	2.20	1.64	4.86

### Replacement Rubber Inserts Fits Size

<b>1020RI</b>	5/8"
<b>1026RI</b>	13/16"





# 3/8" Drive Standard Length Impact Sockets



## 6 3/8" Drive - Standard Length - Fractional Sizes SAE

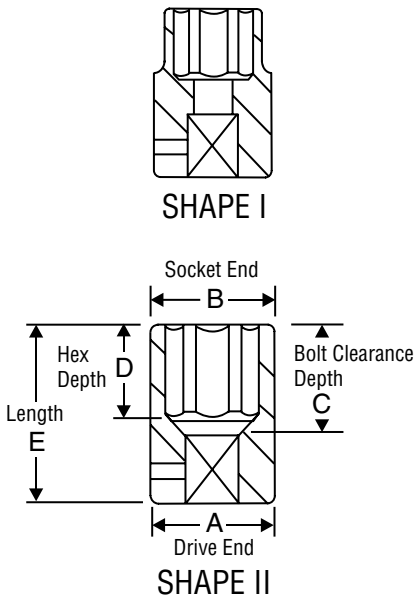
3/8"



Item Number	Hex Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
<b>1010R</b>	<b>5/16"</b>	I	.75	.49	.69	.31	1.18
<b>1012R</b>	<b>3/8"</b>	I	.75	.57	.69	.31	1.18
<b>1014R</b>	<b>7/16"</b>	I	.75	.67	.69	.35	1.18
<b>1016R</b>	<b>1/2"</b>	II	.75	.75	.69	.35	1.18
<b>1018R</b>	<b>9/16"</b>	II	.79	.79	.69	.43	1.18
<b>1020R</b>	<b>5/8"</b>	II	.93	.93	.69	.47	1.18
<b>1022R</b>	<b>11/16"</b>	II	.94	.94	.69	.47	1.18
<b>1024R</b>	<b>3/4"</b>	II	1.02	1.02	.69	.51	1.18
<b>1026R</b>	<b>13/16"</b>	II	1.10	1.10	.69	.51	1.18
<b>1028R</b>	<b>7/8"</b>	II	1.18	1.18	.69	.51	1.18
<b>1030R</b>	<b>15/16"</b>	II	1.26	1.26	.69	.51	1.18
<b>1032R</b>	<b>1"</b>	II	1.34	1.34	.69	.51	1.18

ANSI Specifications B107.2

## 6 Standard Length - Metric Sizes MM



Item Number	Hex Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
<b>1007M</b>	<b>7mm</b>	I	19	11.5	17.5	8	30
<b>1008M</b>	<b>8mm</b>	I	19	12.5	17.5	8	30
<b>1009M</b>	<b>9mm</b>	I	19	14.0	17.5	8	30
<b>1010M</b>	<b>10mm</b>	I	19	15.0	17.5	8	30
<b>1011M</b>	<b>11mm</b>	I	19	17.0	17.5	9	30
<b>1012M</b>	<b>12mm</b>	II	19	19.0	17.5	9	30
<b>1013M</b>	<b>13mm</b>	II	19	19.0	17.5	10	30
<b>1014M</b>	<b>14mm</b>	II	20	20.0	17.5	11	30
<b>1015M</b>	<b>15mm</b>	II	22	22.0	17.5	11	30
<b>1016M</b>	<b>16mm</b>	II	24	24.0	17.5	12	30
<b>1017M</b>	<b>17mm</b>	II	24	24.0	17.5	12	30
<b>1018M</b>	<b>18mm</b>	II	25	25.0	17.5	12	30
<b>1019M</b>	<b>19mm</b>	II	26	26.0	17.5	13	30
<b>1020M</b>	<b>20mm</b>	II	28	28.0	17.5	13	30
<b>1021M</b>	<b>21mm</b>	II	28	28.0	17.5	13	30
<b>1022M</b>	<b>22mm</b>	II	30	30.0	17.5	13	30



# 3/8" Drive Semi-Deep Length Impact Sockets

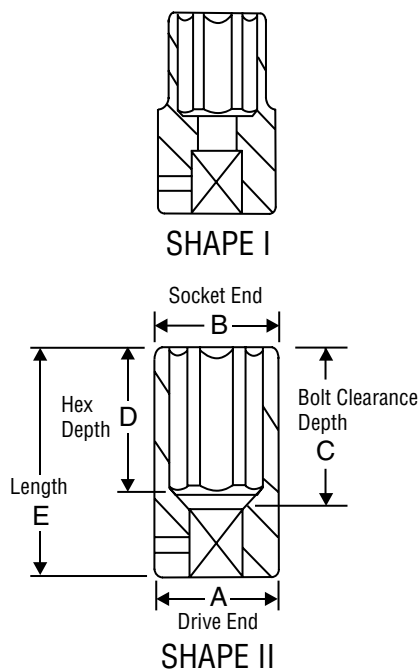


## 6 3/8" Drive - Semi-Deep Length - Fractional Sizes SAE



Item Number	Hex Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
<b>1010SD</b>	<b>5/16"</b>	I	.69	.50	1.14	.25	1.63
<b>1012SD</b>	<b>3/8"</b>	I	.69	.56	1.14	.28	1.63
<b>1014SD</b>	<b>7/16"</b>	I	.75	.66	1.14	.34	1.63
<b>1016SD</b>	<b>1/2"</b>	II	.75	.75	1.14	.41	1.63
<b>1018SD</b>	<b>9/16"</b>	II	.81	.81	1.14	.41	1.63
<b>1020SD</b>	<b>5/8"</b>	II	.91	.91	1.14	.41	1.63
<b>1022SD</b>	<b>11/16"</b>	II	.97	.97	1.14	.44	1.63
<b>1024SD</b>	<b>3/4"</b>	II	1.05	1.05	1.14	.46	1.63
<b>1026SD</b>	<b>13/16"</b>	II	1.13	1.13	1.14	.50	1.63
<b>1028SD</b>	<b>7/8"</b>	II	1.19	1.19	1.14	.53	1.63
<b>1030SD</b>	<b>15/16"</b>	II	1.28	1.28	1.14	.53	1.63
<b>1032SD</b>	<b>1"</b>	II	1.34	1.34	1.14	.56	1.63

3/8"



## 6 Semi-Deep Length - Metric Sizes MM

Item Number	Hex Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
<b>1007MSD</b>	<b>7mm</b>	I	17.2	11.6	29	5.6	41
<b>1008MSD</b>	<b>8mm</b>	I	17.2	12.8	29	6.4	41
<b>1009MSD</b>	<b>9mm</b>	I	17.2	14.0	29	7.1	41
<b>1010MSD</b>	<b>10mm</b>	I	17.2	15.1	29	9.7	41
<b>1011MSD</b>	<b>11mm</b>	I	17.2	16.4	29	9.7	41
<b>1012MSD</b>	<b>12mm</b>	II	18.0	18.0	29	9.7	41
<b>1013MSD</b>	<b>13mm</b>	II	19.6	19.6	29	10.4	41
<b>1014MSD</b>	<b>14mm</b>	II	20.4	20.4	29	10.4	41
<b>1015MSD</b>	<b>15mm</b>	II	21.2	21.2	29	10.4	41
<b>1016MSD</b>	<b>16mm</b>	II	22.7	22.7	29	10.4	41
<b>1017MSD</b>	<b>17mm</b>	II	24.3	24.3	29	11.2	41
<b>1018MSD</b>	<b>18mm</b>	II	25.1	25.1	29	11.2	41
<b>1019MSD</b>	<b>19mm</b>	II	26.7	26.7	29	11.7	41



# 3/8" Drive Deep Length Impact Sockets



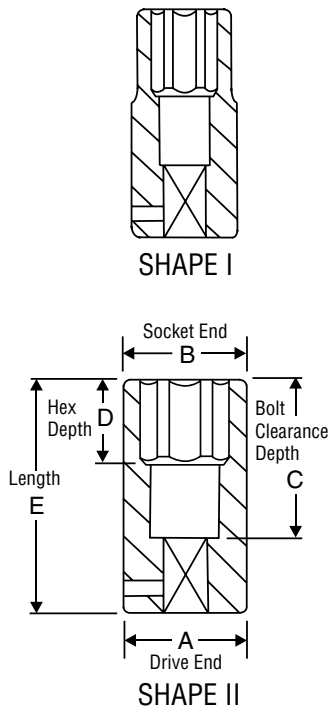
## 6 3/8" Drive - Deep Length - Fractional Sizes SAE



Item Number	Hex Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
<b>1010D</b>	<b>5/16"</b>	I	.75	.49	1.93	.47	2.48
<b>1012D</b>	<b>3/8"</b>	I	.75	.57	2.01	.47	2.56
<b>1014D</b>	<b>7/16"</b>	I	.75	.67	2.01	.87	2.56
<b>1016D</b>	<b>1/2"</b>	II	.75	.75	2.09	.87	2.56
<b>1018D</b>	<b>9/16"</b>	II	.79	.79	2.09	.87	2.56
<b>1020D</b>	<b>5/8"</b>	II	.93	.93	2.09	.94	2.56
<b>1022D</b>	<b>11/16"</b>	II	.94	.94	2.09	.94	2.56
<b>1024D</b>	<b>3/4"</b>	II	1.02	1.02	2.09	.94	2.56
<b>1026D</b>	<b>13/16"</b>	II	1.10	1.10	2.09	.94	2.56
<b>1028D</b>	<b>7/8"</b>	II	1.18	1.18	2.09	.94	2.56
<b>1030D</b>	<b>15/16"</b>	II	1.26	1.26	2.09	.94	2.56
<b>1032D</b>	<b>1"</b>	II	1.34	1.34	2.09	.94	2.56

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## 6 Deep Length - Metric Sizes MM



Item Number	Hex Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
<b>1007MD</b>	<b>7mm</b>	I	19	11.5	49	12	63
<b>1008MD</b>	<b>8mm</b>	I	19	12.5	49	12	63
<b>1009MD</b>	<b>9mm</b>	I	19	14.0	51	12	65
<b>1010MD</b>	<b>10mm</b>	I	19	15.0	51	22	65
<b>1011MD</b>	<b>11mm</b>	I	19	17.0	51	22	65
<b>1012MD</b>	<b>12mm</b>	II	19	19.0	53	22	65
<b>1013MD</b>	<b>13mm</b>	II	19	19.0	53	22	65
<b>1014MD</b>	<b>14mm</b>	II	20	20.0	53	22	65
<b>1015MD</b>	<b>15mm</b>	II	22	22.0	53	22	65
<b>1016MD</b>	<b>16mm</b>	II	24	24.0	53	24	65
<b>1017MD</b>	<b>17mm</b>	II	24	24.0	53	24	65
<b>1018MD</b>	<b>18mm</b>	II	26	25.0	53	24	65
<b>1019MD</b>	<b>19mm</b>	II	26	26.0	53	24	65
<b>1020MD</b>	<b>20mm</b>	II	28	28.0	53	24	65
<b>1021MD</b>	<b>21mm</b>	II	28	28.0	53	24	65
<b>1022MD</b>	<b>22mm</b>	II	30	30.0	53	24	65





# 3/8" Drive 12-Point Standard Length Impact Sockets



## 12 3/8" Drive 12-Point - Standard Length - Fractional Sizes SAE

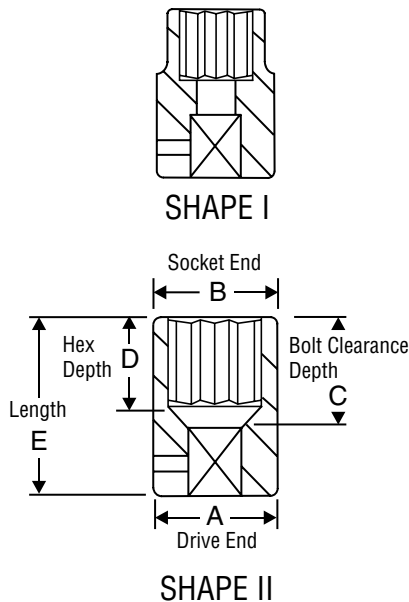


Item Number	12-Point Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
<b>1110R</b>	<b>5/16"</b>	I	.75	.49	.71	.24	1.18
<b>1112R</b>	<b>3/8"</b>	I	.75	.57	.71	.24	1.18
<b>1114R</b>	<b>7/16"</b>	I	.75	.67	.71	.31	1.18
<b>1116R</b>	<b>1/2"</b>	II	.75	.75	.71	.35	1.18
<b>1118R</b>	<b>9/16"</b>	II	.79	.79	.71	.43	1.18
<b>1120R</b>	<b>5/8"</b>	II	.93	.93	.71	.43	1.18
<b>1122R</b>	<b>11/16"</b>	II	.94	.94	.71	.43	1.18
<b>1124R</b>	<b>3/4"</b>	II	1.02	1.02	.71	.51	1.18
<b>1126R</b>	<b>13/16"</b>	II	1.10	1.10	.71	.59	1.18
<b>1128R</b>	<b>7/8"</b>	II	1.18	1.18	.71	.59	1.18
<b>1130R</b>	<b>15/16"</b>	II	1.26	1.26	.71	.63	1.18
<b>1132R</b>	<b>1"</b>	II	1.34	1.34	.71	.63	1.18

ANSI Specifications B107.2

3/8"

## 12 Standard Length - Metric Sizes MM



Item Number	12-Point Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
<b>1107M</b>	<b>7mm</b>	I	19	11.5	18	5	30
<b>1108M</b>	<b>8mm</b>	I	19	12.5	18	6	30
<b>1109M</b>	<b>9mm</b>	I	19	14.0	18	6	30
<b>1110M</b>	<b>10mm</b>	I	19	15.0	18	7	30
<b>1111M</b>	<b>11mm</b>	I	19	17.0	18	8	30
<b>1112M</b>	<b>12mm</b>	II	19	19.0	18	9	30
<b>1113M</b>	<b>13mm</b>	II	19	19.0	18	9	30
<b>1114M</b>	<b>14mm</b>	II	20	20.0	18	11	30
<b>1115M</b>	<b>15mm</b>	II	22	22.0	18	11	30
<b>1116M</b>	<b>16mm</b>	II	24	24.0	18	11	30
<b>1117M</b>	<b>17mm</b>	II	24	24.0	18	11	30
<b>1118M</b>	<b>18mm</b>	II	25	25.0	18	13	30
<b>1119M</b>	<b>19mm</b>	II	26	26.0	18	13	30
<b>1120M</b>	<b>20mm</b>	II	28	28.0	18	13	30
<b>1121M</b>	<b>21mm</b>	II	28	28.0	18	15	30
<b>1122M</b>	<b>22mm</b>	II	30	30.0	18	15	30



# 3/8" Drive 12-Point Semi-Deep Length Impact Sockets

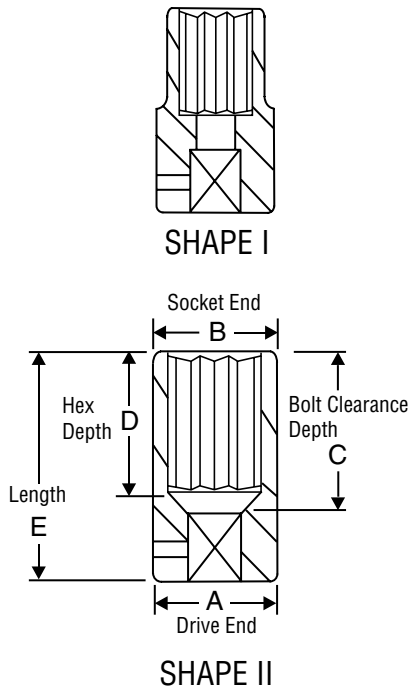


## 12 3/8" Drive 12-Point - Semi-Deep Length - Fractional Sizes SAE



Item Number	12-Point Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
1110SD	5/16"	I	.69	.50	1.14	.25	1.63
1112SD	3/8"	I	.69	.56	1.14	.28	1.63
1114SD	7/16"	I	.75	.66	1.14	.34	1.63
1116SD	1/2"	II	.75	.75	1.14	.41	1.63
1118SD	9/16"	II	.81	.81	1.14	.41	1.63
1120SD	5/8"	II	.91	.91	1.14	.41	1.63
1122SD	11/16"	II	.97	.97	1.14	.44	1.63
1124SD	3/4"	II	1.05	1.05	1.14	.46	1.63
1126SD	13/16"	II	1.13	1.13	1.14	.50	1.63
1128SD	7/8"	II	1.19	1.19	1.14	.53	1.63
1130SD	15/16"	II	1.28	1.28	1.14	.53	1.63
1132SD	1"	II	1.34	1.34	1.14	.56	1.63

## 12 Semi-Deep Length - Metric Sizes MM



Item Number	12-Point Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
1107MSD	7mm	I	17.2	11.6	29	5.6	41
1108MSD	8mm	I	17.2	12.8	29	6.4	41
1109MSD	9mm	I	17.2	14.0	29	7.1	41
1110MSD	10mm	I	17.2	15.1	29	9.7	41
1111MSD	11mm	I	17.2	16.4	29	9.7	41
1112MSD	12mm	II	18.0	18.0	29	9.7	41
1113MSD	13mm	II	19.6	19.6	29	10.4	41
1114MSD	14mm	II	20.4	20.4	29	10.4	41
1115MSD	15mm	II	21.2	21.2	29	10.4	41
1116MSD	16mm	II	22.7	22.7	29	10.4	41
1117MSD	17mm	II	24.3	24.3	29	11.2	41
1118MSD	18mm	II	25.1	25.1	29	11.2	41
1119MSD	19mm	II	26.7	26.7	29	11.7	41



# 3/8" Drive 12-Point Deep Length Impact Sockets



## 12 3/8" Drive 12-Point - Deep Length - Fractional Sizes SAE

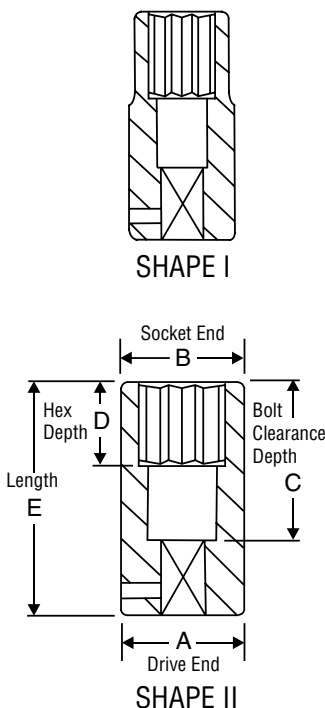


Item Number	12-Point Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
<b>1110D</b>	<b>5/16"</b>	I	.75	.49	2.01	.24	2.48
<b>1102D</b>	<b>3/8"</b>	I	.75	.57	2.09	.24	2.56
<b>1114D</b>	<b>7/16"</b>	I	.75	.67	2.09	.31	2.56
<b>1116D</b>	<b>1/2"</b>	II	.75	.75	2.09	.35	2.56
<b>1118D</b>	<b>9/16"</b>	II	.79	.79	2.09	.43	2.56
<b>1120D</b>	<b>5/8"</b>	II	.93	.93	2.09	.43	2.56
<b>1122D</b>	<b>11/16"</b>	II	.94	.94	2.09	.43	2.56
<b>1124D</b>	<b>3/4"</b>	II	1.02	1.02	2.09	.43	2.56
<b>1126D</b>	<b>13/16"</b>	II	1.10	1.10	2.09	.59	2.56
<b>1128D</b>	<b>7/8"</b>	II	1.18	1.18	2.09	.59	2.56
<b>1130D</b>	<b>15/16"</b>	II	1.26	1.26	2.09	.63	2.56
<b>1132D</b>	<b>1"</b>	II	1.34	1.34	2.09	.63	2.56

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3/8"

## 12 Deep Length - Metric Sizes MM



Item Number	12-Point Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
<b>1107MD</b>	<b>7mm</b>	I	19	11.5	51	5	63
<b>1108MD</b>	<b>8mm</b>	I	19	12.5	51	6	63
<b>1109MD</b>	<b>9mm</b>	I	19	14.0	53	6	65
<b>1110MD</b>	<b>10mm</b>	I	19	15.0	53	7	65
<b>1111MD</b>	<b>11mm</b>	I	19	17.0	53	8	65
<b>1112MD</b>	<b>12mm</b>	II	19	19.0	53	9	65
<b>1113MD</b>	<b>13mm</b>	II	19	19.0	53	9	65
<b>1114MD</b>	<b>14mm</b>	II	20	20.0	53	11	65
<b>1115MD</b>	<b>15mm</b>	II	22	22.0	53	11	65
<b>1116MD</b>	<b>16mm</b>	II	24	24.0	53	11	65
<b>1117MD</b>	<b>17mm</b>	II	24	24.0	53	11	65
<b>1118MD</b>	<b>18mm</b>	II	25	25.0	53	13	65
<b>1119MD</b>	<b>19mm</b>	II	26	26.0	53	13	65
<b>1120MD</b>	<b>20mm</b>	II	28	28.0	53	13	65
<b>1121MD</b>	<b>21mm</b>	II	28	28.0	53	15	65
<b>1122MD</b>	<b>22mm</b>	II	30	30.0	53	15	65



# 3/8" Drive Standard Length Universal Impact Sockets



## 6 3/8" Drive - Standard Length Universal - Fractional Sizes SAE

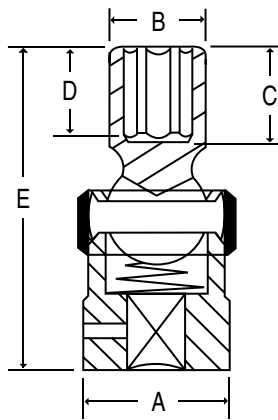
3/8"



Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
<b>1010U</b>	<b>5/16"</b>	.94	.55	.51	.35	2.09
<b>1012U</b>	<b>3/8"</b>	.94	.59	.51	.35	2.09
<b>1014U</b>	<b>7/16"</b>	.94	.67	.51	.35	2.09
<b>1016U</b>	<b>1/2"</b>	.94	.75	.51	.43	2.09
<b>1018U</b>	<b>9/16"</b>	.94	.83	.51	.43	2.09
<b>1020U</b>	<b>5/8"</b>	.94	.91	.51	.43	2.09
<b>1022U</b>	<b>11/16"</b>	.94	.98	.51	.43	2.09
<b>1024U</b>	<b>3/4"</b>	.94	1.06	.51	.43	2.09
<b>1026U</b>	<b>13/16"</b>	.94	1.18	.51	.43	2.09
<b>1028U</b>	<b>7/8"</b>	.94	1.26	.51	.43	2.09
<b>1030U</b>	<b>15/16"</b>	.94	1.34	.51	.43	2.09
<b>1032U</b>	<b>1"</b>	.94	1.42	.51	.43	2.09

ANSI Specifications B107.2

## 6 Standard Length - Metric Sizes MM



Item Number	Hex Size	Dimensions (Millimeters)				
		A	B	C	D	E
<b>1008UM</b>	<b>8mm</b>	24	14	13	9	53
<b>1009UM</b>	<b>9mm</b>	24	15	13	9	53
<b>1010UM</b>	<b>10mm</b>	24	15	13	9	53
<b>1011UM</b>	<b>11mm</b>	24	17	13	9	53
<b>1012UM</b>	<b>12mm</b>	24	19	13	11	53
<b>1013UM</b>	<b>13mm</b>	24	19	13	11	53
<b>1014UM</b>	<b>14mm</b>	24	21	13	11	53
<b>1015UM</b>	<b>15mm</b>	24	22	13	11	53
<b>1016UM</b>	<b>16mm</b>	24	23	13	11	53
<b>1017UM</b>	<b>17mm</b>	24	25	13	11	53
<b>1018UM</b>	<b>18mm</b>	24	25	13	11	53
<b>1019UM</b>	<b>19mm</b>	24	27	13	11	53
<b>1020UM</b>	<b>20mm</b>	24	30	13	11	53
<b>1021UM</b>	<b>21mm</b>	24	30	13	11	53
<b>1022UM</b>	<b>22mm</b>	24	32	13	11	53



# 3/8" Drive Semi-Deep Length Universal Impact Sockets



## 6 3/8" Drive - Semi-Deep Length Universal - Fractional Sizes SAE

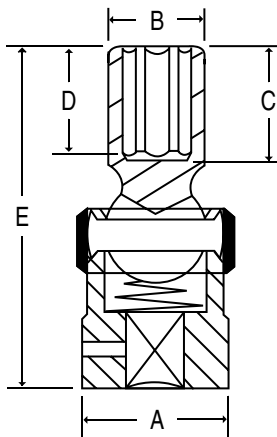


Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
<b>1010USD</b>	<b>5/16"</b>	.94	.50	1.02	.35	2.60
<b>1012USD</b>	<b>3/8"</b>	.94	.56	1.02	.35	2.60
<b>1014USD</b>	<b>7/16"</b>	.94	.66	1.02	.43	2.60
<b>1016USD</b>	<b>1/2"</b>	.94	.75	1.02	.43	2.60
<b>1018USD</b>	<b>9/16"</b>	.94	.81	1.02	.43	2.60
<b>1020USD</b>	<b>5/8"</b>	.94	.91	1.02	.43	2.60
<b>1022USD</b>	<b>11/16"</b>	.94	.97	1.02	.43	2.60
<b>1024USD</b>	<b>3/4"</b>	.94	1.05	1.02	.47	2.60
<b>1026USD</b>	<b>13/16"</b>	.94	1.13	1.02	.47	2.60
<b>1028USD</b>	<b>7/8"</b>	.94	1.19	1.02	.47	2.60
<b>1030USD</b>	<b>15/16"</b>	.94	1.28	1.02	.47	2.60
<b>1032USD</b>	<b>1"</b>	.94	1.34	1.02	.47	2.60

ANSI Specifications B107.2

3/8"

## 6 Semi-Deep Length Universal - Metric Sizes MM



Item Number	Hex Size	Dimensions (Millimeters)				
		A	B	C	D	E
<b>1010UMSD</b>	<b>10mm</b>	24	15.1	26	9	66
<b>1011UMSD</b>	<b>11mm</b>	24	16.4	26	9	66
<b>1012UMSD</b>	<b>12mm</b>	24	18.0	26	11	66
<b>1013UMSD</b>	<b>13mm</b>	24	19.0	26	11	66
<b>1014UMSD</b>	<b>14mm</b>	24	20.4	26	11	66
<b>1015UMSD</b>	<b>15mm</b>	24	21.2	26	11	66
<b>1016UMSD</b>	<b>16mm</b>	24	22.7	26	11	66
<b>1017UMSD</b>	<b>17mm</b>	24	24.3	26	11	66
<b>1018UMSD</b>	<b>18mm</b>	24	25.1	26	11	66
<b>1019UMSD</b>	<b>19mm</b>	24	26.7	26	12	66



# 3/8" Drive Deep Length Universal Impact Sockets



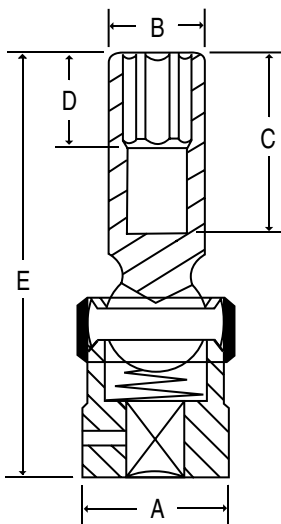
## 6 3/8" Drive - Deep Length Universal - Fractional Sizes SAE



Item Number	Hex	Dimensions (Inches)				
		A	B	C	D	E
<b>1010UD</b>	<b>5/16"</b>	.94	.55	1.18	.47	3.09
<b>1012UD</b>	<b>3/8"</b>	.94	.59	1.34	.79	3.11
<b>1014UD</b>	<b>7/16"</b>	.94	.67	1.42	.79	3.15
<b>1016UD</b>	<b>1/2"</b>	.94	.75	1.42	.79	3.15
<b>1018UD</b>	<b>9/16"</b>	.94	.83	1.42	.79	3.15
<b>1020UD</b>	<b>5/8"</b>	.94	.91	1.42	.79	3.15
<b>1022UD</b>	<b>11/16"</b>	.94	.98	1.42	.79	3.15
<b>1024UD</b>	<b>3/4"</b>	.94	1.06	1.42	.98	3.15
<b>1026UD</b>	<b>13/16"</b>	.94	1.18	1.42	.98	3.15
<b>1028UD</b>	<b>7/8"</b>	.94	1.26	1.42	1.02	3.15
<b>1030UD</b>	<b>15/16"</b>	.94	1.34	1.42	1.17	3.15
<b>1032UD</b>	<b>1"</b>	.94	1.42	1.42	1.17	3.15

ANSI Specifications B107.2

## 6 Deep Length - Metric Sizes MM



Item Number	Hex Size	Dimensions (Millimeters)				
		A	B	C	D	E
<b>1008UMD</b>	<b>8mm</b>	24	14	34	20	78
<b>1009UMD</b>	<b>9mm</b>	24	15	34	20	78
<b>1010UMD</b>	<b>10mm</b>	24	15	34	20	78
<b>1011UMD</b>	<b>11mm</b>	24	15	36	20	80
<b>1012UMD</b>	<b>12mm</b>	24	17	36	20	80
<b>1013UMD</b>	<b>13mm</b>	24	19	36	20	80
<b>1014UMD</b>	<b>14mm</b>	24	19	36	20	80
<b>1015UMD</b>	<b>15mm</b>	24	21	36	20	80
<b>1016UMD</b>	<b>16mm</b>	24	22	36	20	80
<b>1017UMD</b>	<b>17mm</b>	24	23	36	20	80
<b>1018UMD</b>	<b>18mm</b>	24	25	36	20	80
<b>1019UMD</b>	<b>19mm</b>	24	27	36	25	80
<b>1020UMD</b>	<b>20mm</b>	24	30	36	25	80
<b>1021UMD</b>	<b>21mm</b>	24	30	36	25	80
<b>1022UMD</b>	<b>22mm</b>	24	32	36	25	80



# 3/8" Drive 12-Point Standard Length Universal Impact Sockets



## 12 3/8" Drive 12-Point - Standard Length Universal - Fractional Sizes SAE

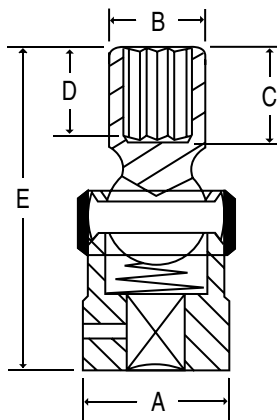


Item Number	12-Point Size	Dimensions (Inches)				
		A	B	C	D	E
<b>1110U</b>	<b>5/16"</b>	.94	.55	.51	.35	2.09
<b>1112U</b>	<b>3/8"</b>	.94	.59	.51	.35	2.09
<b>1114U</b>	<b>7/16"</b>	.94	.67	.51	.35	2.09
<b>1116U</b>	<b>1/2"</b>	.94	.75	.51	.43	2.09
<b>1118U</b>	<b>9/16"</b>	.94	.83	.51	.43	2.09
<b>1120U</b>	<b>5/8"</b>	.94	.91	.51	.43	2.09
<b>1122U</b>	<b>11/16"</b>	.94	.98	.51	.43	2.09
<b>1124U</b>	<b>3/4"</b>	.94	1.06	.51	.43	2.09
<b>1126U</b>	<b>13/16"</b>	.94	1.18	.51	.43	2.09
<b>1128U</b>	<b>7/8"</b>	.94	1.26	.51	.43	2.09
<b>1130U</b>	<b>15/16"</b>	.94	1.34	.51	.43	2.09
<b>1132U</b>	<b>1"</b>	.94	1.42	.51	.43	2.09

ANSI Specifications B107.2

3/8"

## 12 Standard Length - Metric Sizes MM



Item Number	12-Point Size	Dimensions (Millimeters)				
		A	B	C	D	E
<b>1108UM</b>	<b>8mm</b>	24	14	13	9	53
<b>1109UM</b>	<b>9mm</b>	24	15	13	9	53
<b>1110UM</b>	<b>10mm</b>	24	15	13	9	53
<b>1111UM</b>	<b>11mm</b>	24	17	13	9	53
<b>*1112UM</b>	<b>12mm</b>	24	19	13	11	53
<b>1113UM</b>	<b>13mm</b>	24	19	13	11	53
<b>1114UM</b>	<b>14mm</b>	24	21	13	11	53
<b>1115UM</b>	<b>15mm</b>	24	22	13	11	53
<b>1116UM</b>	<b>16mm</b>	24	23	13	11	53
<b>1117UM</b>	<b>17mm</b>	24	25	13	11	53
<b>1118UM</b>	<b>18mm</b>	24	25	13	11	53
<b>1119UM</b>	<b>19mm</b>	24	27	13	11	53
<b>1120UM</b>	<b>20mm</b>	24	30	13	11	53
<b>1121UM</b>	<b>21mm</b>	24	30	13	11	53
<b>1122UM</b>	<b>22mm</b>	24	32	13	11	53

\* Socket is Designed for Ford Driveshaft Bolts



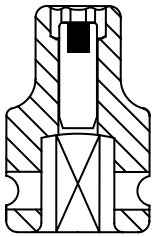
# 3/8" Drive Standard Length Magnetic Impact Sockets



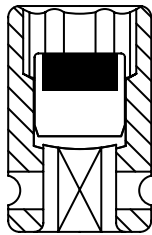
## 3/8" Drive Magnetic - Standard Length - Fractional Sizes SAE



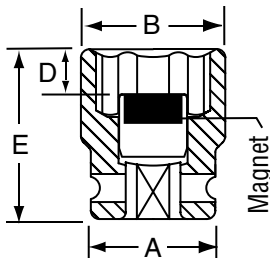
Item Number	Hex Size	Shape	Dimensions (Inches)			
			A	B	D	E
<b>1008RG</b>	<b>1/4"</b>	I	.75	.47	.12	1.18
<b>1010RG</b>	<b>5/16"</b>	I	.75	.55	.12	1.18
<b>1012RG</b>	<b>3/8"</b>	I	.75	.62	.16	1.18
<b>1014RG</b>	<b>7/16"</b>	I	.75	.71	.20	1.18
<b>1016RG</b>	<b>1/2"</b>	III	.75	.79	.20	1.18
<b>1018RG</b>	<b>9/16"</b>	I	.87	.85	.24	1.18
<b>1020RG</b>	<b>5/8"</b>	III	.87	.94	.24	1.18
<b>1022RG</b>	<b>11/16"</b>	III	.87	1.00	.24	1.18
<b>1024RG</b>	<b>3/4"</b>	III	.87	1.08	.28	1.18



SHAPE I



SHAPE II



SHAPE III

## Standard Length - Metric Sizes MM

Item Number	Hex Size	Shape	Dimensions (Millimeters)			
			A	B	D	E
<b>1007MG</b>	<b>7mm</b>	I	19	12.5	3	30
<b>1008MG</b>	<b>8mm</b>	I	19	14.0	3	30
<b>1009MG</b>	<b>9mm</b>	I	19	15.0	4	30
<b>1010MG</b>	<b>10mm</b>	I	19	16.5	4	30
<b>1011MG</b>	<b>11mm</b>	I	19	17.5	5	30
<b>1012MG</b>	<b>12mm</b>	II	19	19.0	5	30
<b>1013MG</b>	<b>13mm</b>	I	22	20.0	5	30
<b>1014MG</b>	<b>14mm</b>	I	22	21.5	6	30
<b>1015MG</b>	<b>15mm</b>	II	22	22.0	6	30
<b>1016MG</b>	<b>16mm</b>	III	22	24.0	6	30
<b>1017MG</b>	<b>17mm</b>	III	22	25.0	6	30
<b>1018MG</b>	<b>18mm</b>	III	22	26.0	7	30
<b>1019MG</b>	<b>19mm</b>	III	22	27.5	7	30





# 3/8" Drive Deep Length Magnetic Impact Sockets



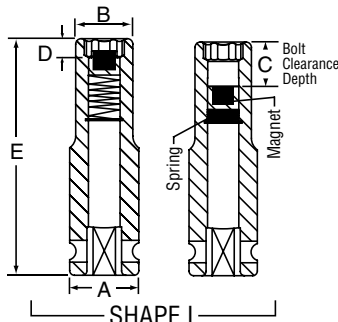
All deep Magnetic sockets feature a spring loaded magnet that retracts into the socket for extended bolt applications.

## 3/8" Drive Magnetic - Deep Length - Fractional Sizes SAE

3/8"

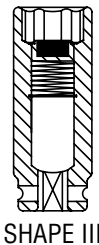
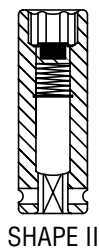


Item Number	Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
<b>1008DG</b>	<b>1/4"</b>	I	.75	.47	1.69	.16	2.17
<b>1010DG</b>	<b>5/16"</b>	I	.75	.55	1.69	.16	2.17
<b>1012DG</b>	<b>3/8"</b>	I	.75	.62	1.69	.20	2.17
<b>1014DG</b>	<b>7/16"</b>	I	.75	.71	1.69	.24	2.17
<b>1016DG</b>	<b>1/2"</b>	III	.75	.79	1.69	.24	2.17
<b>1018DG</b>	<b>9/16"</b>	I	.87	.85	1.69	.28	2.17
<b>1020DG</b>	<b>5/8"</b>	III	.87	.94	1.69	.28	2.17
<b>1022DG</b>	<b>11/16"</b>	III	.87	1.01	1.69	.28	2.17
<b>1024DG</b>	<b>3/4"</b>	III	.87	1.08	1.69	.31	2.17



## Deep Length - Metric Sizes MM

Item Number	Hex Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
<b>1007MDG</b>	<b>7mm</b>	I	19	12.5	43	4	55
<b>1008MDG</b>	<b>8mm</b>	I	19	14.0	43	4	55
<b>1009MDG</b>	<b>9mm</b>	I	19	15.0	43	4	55
<b>1010MDG</b>	<b>10mm</b>	I	19	16.5	43	5	55
<b>1011MDG</b>	<b>11mm</b>	I	19	17.5	43	6	55
<b>1012MDG</b>	<b>12mm</b>	II	19	19.0	43	6	55
<b>1013MDG</b>	<b>13mm</b>	I	22	20.0	43	6	55
<b>1014MDG</b>	<b>14mm</b>	I	22	21.5	43	6	55
<b>1015MDG</b>	<b>15mm</b>	II	22	22.0	43	7	55
<b>1016MDG</b>	<b>16mm</b>	III	22	24.0	43	7	55
<b>1017MDG</b>	<b>17mm</b>	III	22	25.0	43	7	55
<b>1018MDG</b>	<b>18mm</b>	III	22	26.0	43	8	55
<b>1019MDG</b>	<b>19mm</b>	III	22	27.5	43	8	55

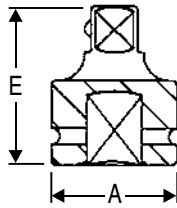




# 3/8" Drive Impact Attachments



## 3/8" Drive Adapters SAE



Item Number	Female End	Male End	Socket Retention Device	Dimensions (Inches)	
				A	E
<b>*1128A</b>	<b>3/8"</b>	<b>1/4"</b>	Friction Ball	.87	1.26
<b>*1128AL</b>	<b>3/8"</b>	<b>1/4"</b>	Locking Pin	.87	1.26
<b>1138A</b>	<b>3/8"</b>	<b>1/2"</b>	Friction Ball	.87	1.42
<b>1138AL</b>	<b>3/8"</b>	<b>1/2"</b>	Locking Pin	.87	1.42

\* Reducing Adapters are not covered by the GP Warranty.

\* See page 179 for New Reducing Sleeve Adapters

## 3/8" Drive Universal Joints SAE



1129UJ  
(Standard)



1129TUU  
(Thin-Wall)



Item Number	Size	Socket Retention Device	Dimensions (Inches)		
			A	B	E
<b>1129UJ</b>	<b>3/8" x 3/8"</b>	Friction Ball	.94	1.02	1.97
<b>1129UJL</b>	<b>3/8" x 3/8"</b>	Locking Pin	.94	1.02	1.97
<b>*1129TUU</b>	<b>3/8" x 3/8"</b>	Friction Ball	.69	.77	1.85

\* 1129TUU is a thin-wall design that provides extra clearance in tight spaces.

Due to the thin wall design the 1129TUU is not covered by the GP Warranty.

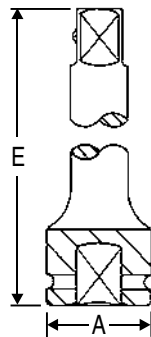
## 3/8" Drive Extensions SAE



Standard



Locking



Item Number	Description	Socket Retention Device	Dimensions (Inches)	
			A	E
<b>Standard Extensions</b>				
<b>1140E</b>	<b>1-3/4" Extension</b>	Friction Ball	.75	1.73
<b>1143E</b>	<b>3" Extension</b>	Friction Ball	.75	2.95
<b>1143EL</b>	<b>3" Extension</b>	Locking Pin	.75	2.95
<b>1146E</b>	<b>6" Extension</b>	Friction Ball	.75	5.91
<b>1146EL</b>	<b>6" Extension</b>	Locking Pin	.75	5.91
<b>1152E</b>	<b>12" Extension</b>	Friction Ball	.75	11.80
<b>1152EL</b>	<b>12" Extension</b>	Locking Pin	.75	11.80

### Locking Extensions NEW

These extensions feature a positive locking ball and sliding collar for quick release of sockets and accessories. Useful in hard to reach areas where a positive lock on the socket is required.

**1103QL 3 pc. Locking Extension Set - includes 3", 6", 12"**

<b>1143QL</b>	<b>3" Locking Extension</b>	.75	2.95
<b>1146QL</b>	<b>6" Locking Extension</b>	.75	5.91
<b>1152QL</b>	<b>12" Locking Extension</b>	.75	11.81
<b>1158QL</b>	<b>18" Locking Extension</b>	.75	18.11
<b>1164QL</b>	<b>24" Locking Extension</b>	.75	24.02

### Socket Retention Device Key for 3/8" Drive Adapters, Extensions & Universal Joints



Do NOT run the tool when the socket is OFF the fastener.



#### FB Friction Ball

A spring loaded steel ball that lines up with the socket retainer hole. Use caution when using this system because the socket is held in place only by spring pressure on the steel ball.

#### LP Locking Pin

Spring loaded pin, simply line up with socket retainer hole and press pin. To release socket, insert object through retainer hole and press pin.



# 1/2" Drive Impact Socket Sets



## 6 No. 1312 1/2" Drive Standard Length Fractional Set SAE



### 13 piece set contents:

2014R	7/16"	2028R	7/8"
2016R	1/2"	2030R	15/16"
2018R	9/16"	2032R	1"
2020R	5/8"	2034R	1-1/16"
2022R	11/16"	2036R	1-1/8"
2024R	3/4"	2040R	1-1/4"
2026R	13/16"		Molded Storage Case

1/2"

## 6 No. 1312D 1/2" Drive Deep Length Fractional Set SAE



### 13 piece set contents:

2014D	7/16"	2028D	7/8"
2016D	1/2"	2030D	15/16"
2018D	9/16"	2032D	1"
2020D	5/8"	2034D	1-1/16"
2022D	11/16"	2036D	1-1/8"
2024D	3/4"	2040D	1-1/4"
2026D	13/16"		Molded Storage Case

## 6 No. 1412M 1/2" Drive Standard Length Metric Set MM



### 14 piece set contents:

2010M	10mm	2018M	18mm
2011M	11mm	2019M	19mm
2012M	12mm	2021M	21mm
2013M	13mm	2022M	22mm
2014M	14mm	2026M	26mm
2015M	15mm	2027M	27mm
2016M	16mm		Molded Storage Case
2017M	17mm		

## 6 No. 1412MD 1/2" Drive Deep Length Metric Set MM



### 14 piece set contents:

2010MD	10mm	2018MD	18mm
2011MD	11mm	2019MD	19mm
2012MD	12mm	2021MD	21mm
2013MD	13mm	2022MD	22mm
2014MD	14mm	2026MD	26mm
2015MD	15mm	2027MD	27mm
2016MD	16mm		Molded Storage Case
2017MD	17mm		



# 1/2" Drive Fractional Impact Socket Master Sets



## 6 No. 1319 1/2" Drive Standard Length Fractional Master Set SAE



This set includes standard length Fractional sizes from 3/8" through 1-1/2". The set is packaged in a convenient molded case with handle for easy transportation. The cover of the case may be removed to allow the bottom to be used as a tool box organizer.



### 19 piece set contents:

2012R	3/8"	2032R	1"
2014R	7/16"	2034R	1-1/16"
2016R	1/2"	2036R	1-1/8"
2018R	9/16"	2038R	1-3/16"
2020R	5/8"	2040R	1-1/4"
2022R	11/16"	2042R	1-5/16"
2024R	3/4"	2044R	1-3/8"
2026R	13/16"	2046R	1-7/16"
2028R	7/8"	2048R	1-1/2"
2030R	15/16"		Molded Storage Case

1/2"

## 6 No. 1319D 1/2" Drive Deep Length Fractional Master Set SAE



This set includes deep length Fractional sizes from 3/8" through 1-1/2". The set is packaged in a convenient molded case with handle for easy transportation. The cover of the case may be removed to allow the bottom to be used as a tool box organizer.



### 19 piece set contents:

2012D	3/8"	2032D	1"
2014D	7/16"	2034D	1-1/16"
2016D	1/2"	2036D	1-1/8"
2018D	9/16"	2038D	1-3/16"
2020D	5/8"	2040D	1-1/4"
2022D	11/16"	2042D	1-5/16"
2024D	3/4"	2044D	1-3/8"
2026D	13/16"	2046D	1-7/16"
2028D	7/8"	2048D	1-1/2"
2030D	15/16"		Molded Storage Case



# 1/2" Drive Metric Impact Socket Master Sets



## 6 No. 1326M 1/2" Drive Standard Length Metric Master Set



This set includes standard length Metric sizes from 10mm through 36mm. The set is packaged in a convenient molded case with handle for easy transportation. The cover of the case may be removed to allow the bottom to be used as a tool box organizer.

1/2"

### 26 piece set contents:



2010M.....	10mm	2023M.....	23mm
2011M.....	11mm	2024M.....	24mm
2012M.....	12mm	2025M.....	25mm
2013M.....	13mm	2026M.....	26mm
2014M.....	14mm	2027M.....	27mm
2015M.....	15mm	2028M.....	28mm
2016M.....	16mm	2029M.....	29mm
2017M.....	17mm	2030M.....	30mm
2018M.....	18mm	2032M.....	32mm
2019M.....	19mm	2033M.....	33mm
2020M.....	20mm	2034M.....	34mm
2021M.....	21mm	2035M.....	35mm
2022M.....	22mm	2036M.....	36mm

Molded Storage Case

## 6 No. 1326MD 1/2" Drive Deep Length Metric Master Set



This set includes deep length Metric sizes from 10mm through 36mm. The set is packaged in a convenient molded case with handle for easy transportation. The cover of the case may be removed to allow the bottom to be used as a tool box organizer.

### 26 piece set contents:



2010MD.....	10mm	2023MD.....	23mm
2011MD.....	11mm	2024MD.....	24mm
2012MD.....	12mm	2025MD.....	25mm
2013MD.....	13mm	2026MD.....	26mm
2014MD.....	14mm	2027MD.....	27mm
2015MD.....	15mm	2028MD.....	28mm
2016MD.....	16mm	2029MD.....	29mm
2017MD.....	17mm	2030MD.....	30mm
2018MD.....	18mm	2032MD.....	32mm
2019MD.....	19mm	2033MD.....	33mm
2020MD.....	20mm	2034MD.....	34mm
2021MD.....	21mm	2035MD.....	35mm
2022MD.....	22mm	2036MD.....	36mm

Molded Storage Case



# 1/2" Drive Impact Socket Sets



## 6 No. 1328RD 1/2" Drive Standard & Deep Length Fractional Set SAE



Set contains both standard & deep length Fractional sizes, plus a universal joint and 3" extension packaged in a molded case for easy transport & storage.

### 28 piece set contents:

#### Deep Sizes

2014D	..... 7/16"	2028D	..... 7/8"
2016D	..... 1/2"	2030D	..... 15/16"
2018D	..... 9/16"	2032D	..... 1"
2020D	..... 5/8"	2034D	..... 1-1/16"
2022D	..... 11/16"	2036D	..... 1-1/8"
2024D	..... 3/4"	2040D	..... 1-1/4"
2026D	..... 13/16"		

#### Standard Sizes

2014R	..... 7/16"	2028R	..... 7/8"
2016R	..... 1/2"	2030R	..... 15/16"
2018R	..... 9/16"	2032R	..... 1"
2020R	..... 5/8"	2034R	..... 1-1/16"
2022R	..... 11/16"	2036R	..... 1-1/8"
2024R	..... 3/4"	2040R	..... 1-1/4"
2026R	..... 13/16"		

2229UJ Universal Joint  
2243E 3" Extension  
Molded Storage Case



1/2"

## 6 No. 1430MRD 1/2" Drive Standard & Deep Length Metric Set MM



Set contains both standard & deep length Metric sizes, plus a universal joint and 3" extension packaged in a molded case for easy transport & storage.

### 30 piece set contents:

#### Deep Sizes

2010MD	..... 10mm	2017MD	..... 17mm
2011MD	..... 11mm	2018MD	..... 18mm
2012MD	..... 12mm	2019MD	..... 19mm
2013MD	..... 13mm	2020MD	..... 20mm
2014MD	..... 14mm	2021MD	..... 21mm
2015MD	..... 15mm	2022MD	..... 22mm
2016MD	..... 16mm	2024MD	..... 24mm

#### Standard Sizes

2010M	..... 10mm	2017M	..... 17mm
2011M	..... 11mm	2018M	..... 18mm
2012M	..... 12mm	2019M	..... 19mm
2013M	..... 13mm	2020M	..... 20mm
2014M	..... 14mm	2021M	..... 21mm
2015M	..... 15mm	2022M	..... 22mm
2016M	..... 16mm	2024M	..... 24mm

2229UJ Universal Joint  
2243E 3" Extension  
Molded Storage Case





# 1/2" Drive Impact Socket Sets



## 6 No. 1324D 1/2" Drive Deep Length Fractional Set SAE



Set contains deep length Fractional sizes from 5/16" through 1-1/2", plus three extensions and a universal joint packaged in a molded case for easy transport and storage.

### 24 piece set contents:



2010D	.....5/16"	2030D	..... 15/16"
2012D	.....3/8"	2032D	..... 1"
2014D	.....7/16"	2034D	.....1-1/16"
2016D	.....1/2"	2036D	.....1-1/8"
2018D	.....9/16"	2038D	.....1-3/16"
2020D	.....5/8"	2040D	.....1-1/4"
2022D	.....11/16"	2042D	.....1-5/16"
2024D	.....3/4"	2044D	.....1-3/8"
2026D	.....13/16"	2046D	.....1-7/16"
2028D	.....7/8"	2048D	.....1-1/2"

- 2229UJ 1/2" Universal Joint
- 2243E 3" Extension
- 2245E 5" Extension
- 2210E 10" Extension
- Molded Storage Case

1/2"

## 6 No. 1512DM\* 1/2" Drive Deep Length Fractional & Metric Set SAE MM



Set contains deep length Fractional and Metric sizes, plus two flip sockets and extension for wheel service, packaged in a molded case for easy transport & storage.

### 30 piece set contents:



Fractional Deep Sizes			
2014D	.....7/16"	2028D	..... 7/8"
2016D	.....1/2"	2030D	..... 15/16"
2018D	.....9/16"	2032D	..... 1"
2020D	.....5/8"	2034D	.....1-1/16"
2022D	.....11/16"	2036D	.....1-1/8"
2024D	.....3/4"	2040D	.....1-1/4"
2026D	.....13/16"		

Metric Deep Sizes			
2010MD	..... 10mm	2017MD	.....17mm
2011MD	..... 11mm	2018MD	.....18mm
2012MD	..... 12mm	2019MD	.....19mm
2013MD	..... 13mm	2021MD	.....21mm
2014MD	..... 14mm	2022MD	.....22mm
2015MD	..... 15mm	2026MD	.....26mm
2016MD	..... 16mm	2027MD	.....27mm

- 2146DT 3/4" x 13/16" Flip Socket
- 2192DT 19mm x 21mm Flip Socket
- 2243E 3" Extension
- Molded Storage Case

\*Pat. No. Des. 392,463



# 1/2" Drive Extra-Deep Impact Sockets



## 6 No. 1313XD 1/2" Drive Extra-Deep Length Fractional Set SAE



This set contains Extra-Deep length Fractional sizes for extra reach in extended bolt applications packaged in a molded case for easy transport and storage. Additional Fractional and Metric sizes are available individually.

### 13 piece set contents:

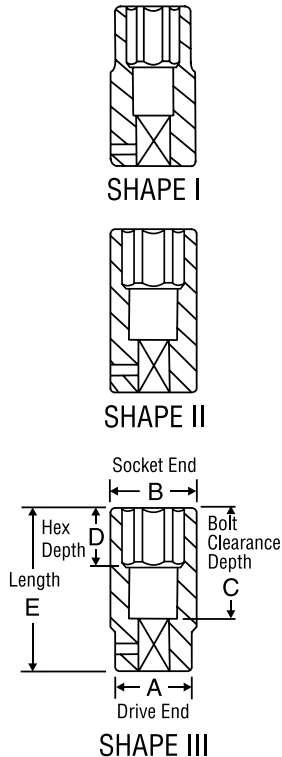
2016XD . . . . . 1/2"	2030XD . . . . . 15/16"
2018XD . . . . . 9/16"	2032XD . . . . . 1"
2020XD . . . . . 5/8"	2034XD . . . . . 1-1/16"
2022XD . . . . . 11/16"	2036XD . . . . . 1-1/8"
2024XD . . . . . 3/4"	2040XD . . . . . 1-1/4"
2026XD . . . . . 13/16"	2042XD . . . . . 1-5/16"
2028XD . . . . . 7/8"	Molded Storage Case



1/2"

## 6 1/2" Drive Extra-Deep Length Fractional Sockets SAE

Five (5) inches overall length, with over 4-3/8" bolt clearance depth.



Item Number	Hex Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
2010XD	5/16"	I	.94	.59	4.33	.51	5.00
2012XD	3/8"	I	.94	.63	4.33	.55	5.00
2014XD	7/16"	I	.94	.71	4.33	.55	5.00
2016XD	1/2"	I	.94	.79	4.33	.55	5.00
2018XD	9/16"	I	.94	.87	4.33	.94	5.00
2020XD	5/8"	II	.94	.95	4.33	.94	5.00
2022XD	11/16"	II	1.02	1.02	4.33	.94	5.00
2024XD	3/4"	II	1.10	1.10	4.33	.94	5.00
2026XD	13/16"	II	1.18	1.18	4.33	.94	5.00
2028XD	7/8"	II	1.26	1.26	4.33	.94	5.00
2030XD	15/16"	II	1.34	1.34	4.33	.94	5.00
2032XD	1"	II	1.42	1.42	4.33	.94	5.00
2034XD	1-1/16"	II	1.50	1.50	4.33	.94	5.00
2036XD	1-1/8"	III	1.50	1.58	4.33	.94	5.00
2038XD	1-3/16"	III	1.50	1.65	4.33	.94	5.00
2040XD	1-1/4"	III	1.50	1.73	4.33	.94	5.00
2042XD	1-5/16"	III	1.50	1.81	4.33	.94	5.00
2044XD	1-3/8"	III	1.50	1.91	4.33	.94	5.00
2046XD	1-7/16"	III	1.50	1.99	4.33	.94	5.00
2048XD	1-1/2"	III	1.50	2.07	4.33	.94	5.00



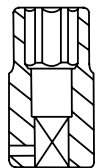


# 1/2" Drive Extra-Deep Impact Sockets

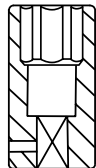


## 6 1/2" Drive Extra-Deep Length Metric Sockets MM

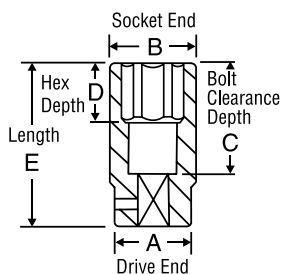
Five (5) inches overall length, with over 4-3/8" bolt clearance depth.



SHAPE I



SHAPE II



SHAPE III

Number	Hex Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
<b>2010XMD</b>	<b>10mm</b>	I	24	17.0	110	14	127
<b>2011XMD</b>	<b>11mm</b>	I	24	18.0	110	14	127
<b>2012XMD</b>	<b>12mm</b>	I	24	19.0	110	14	127
<b>2013XMD</b>	<b>13mm</b>	I	24	20.0	110	14	127
<b>2014XMD</b>	<b>14mm</b>	I	24	22.0	110	24	127
<b>2015XMD</b>	<b>15mm</b>	II	24	24.0	110	24	127
<b>2016XMD</b>	<b>16mm</b>	II	24	24.0	110	24	127
<b>2017XMD</b>	<b>17mm</b>	II	26	26.0	110	24	127
<b>2018XMD</b>	<b>18mm</b>	II	26	26.0	110	24	127
<b>2019XMD</b>	<b>19mm</b>	II	28	28.0	110	24	127
<b>2020XMD</b>	<b>20mm</b>	II	30	30.0	110	24	127
<b>2021XMD</b>	<b>21mm</b>	II	30	30.0	110	24	127
<b>2022XMD</b>	<b>22mm</b>	II	32	32.0	110	24	127
<b>2023XMD</b>	<b>23mm</b>	II	32	32.0	110	24	127
<b>2024XMD</b>	<b>24mm</b>	II	34	34.0	110	24	127
<b>2025XMD</b>	<b>25mm</b>	II	36	36.0	110	24	127
<b>2026XMD</b>	<b>26mm</b>	II	36	36.0	110	24	127
<b>2027XMD</b>	<b>27mm</b>	II	38	38.0	110	24	127
<b>2028XMD</b>	<b>28mm</b>	II	38	40.0	110	24	127
<b>2029XMD</b>	<b>29mm</b>	III	38	40.0	110	24	127
<b>2030XMD</b>	<b>30mm</b>	III	38	42.0	110	24	127
<b>2032XMD</b>	<b>32mm</b>	III	38	44.0	110	24	127
<b>2033XMD</b>	<b>33mm</b>	III	38	45.0	110	24	127
<b>2034XMD</b>	<b>34mm</b>	III	38	46.0	110	24	127
<b>2035XMD</b>	<b>35mm</b>	III	38	48.5	110	24	127
<b>2036XMD</b>	<b>36mm</b>	III	38	48.5	110	24	127

1/2"



# 1/2" Drive 12-Point Fractional Impact Socket Master Sets



## 12 No. 1719 1/2" Drive 12-Point Standard Length Fractional Master Set SAE



This set includes standard length Fractional sizes from 3/8" through 1-1/2". The set is packaged in a convenient molded case with handle for easy transportation. The cover of the case may be removed to allow the bottom to be used as a tool box organizer.



### 19 piece set contents:

2112R	3/8"	2132R	1"
2114R	7/16"	2134R	1-1/16"
2116R	1/2"	2136R	1-1/8"
2118R	9/16"	2138R	1-3/16"
2120R	5/8"	2140R	1-1/4"
2122R	11/16"	2142R	1-5/16"
2124R	3/4"	2144R	1-3/8"
2126R	13/16"	2146R	1-7/16"
2128R	7/8"	2148R	1-1/2"
2130R	15/16"		Molded Storage Case

1/2"

## 12 No. 1719D 1/2" Drive 12-Point Deep Length Fractional Master Set SAE



This set includes deep length Fractional sizes from 3/8" through 1-1/2". The set is packaged in a convenient molded case with handle for easy transportation. The cover of the case may be removed to allow the bottom to be used as a tool box organizer.



### 19 piece set contents:

2112D	3/8"	2132D	1"
2114D	7/16"	2134D	1-1/16"
2116D	1/2"	2136D	1-1/8"
2118D	9/16"	2138D	1-3/16"
2120D	5/8"	2140D	1-1/4"
2122D	11/16"	2142D	1-5/16"
2124D	3/4"	2144D	1-3/8"
2126D	13/16"	2146D	1-7/16"
2128D	7/8"	2148D	1-1/2"
2130D	15/16"		Molded Storage Case



# 1/2" Drive 12-Point Metric Impact Socket Master Sets



## 12 No. 1726M 1/2" Drive 12-Point Standard Length Metric Master Set



This set includes standard length Metric sizes from 10mm through 36mm. The set is packaged in a convenient molded case with handle for easy transportation. The cover of the case may be removed to allow the bottom to be used as a tool box organizer.



### 26 piece set contents:

2110M. ....	10mm	2123M. ....	23mm
2111M. ....	11mm	2124M. ....	24mm
2112M. ....	12mm	2125M. ....	25mm
2113M. ....	13mm	2126M. ....	26mm
2114M. ....	14mm	2127M. ....	27mm
2115M. ....	15mm	2128M. ....	28mm
2116M. ....	16mm	2129M. ....	29mm
2117M. ....	17mm	2130M. ....	30mm
2118M. ....	18mm	2132M. ....	32mm
2119M. ....	19mm	2133M. ....	33mm
2120M. ....	20mm	2134M. ....	34mm
2121M. ....	21mm	2135M. ....	35mm
2122M. ....	22mm	2136M. ....	36mm

Molded Storage Case

1/2"

## 12 No. 1726MD 1/2" Drive 12-Point Deep Length Metric Master Set



This set includes deep length Metric sizes from 10mm through 36mm. The set is packaged in a convenient molded case with handle for easy transportation. The cover of the case may be removed to allow the bottom to be used as a tool box organizer.



### 26 piece set contents:

2110MD .....	10mm	2123MD. ....	23mm
2111MD .....	11mm	2124MD. ....	24mm
2112MD .....	12mm	2125MD. ....	25mm
2113MD .....	13mm	2126MD. ....	26mm
2114MD .....	14mm	2127MD. ....	27mm
2115MD .....	15mm	2128MD. ....	28mm
2116MD .....	16mm	2129MD. ....	29mm
2117MD .....	17mm	2130MD. ....	30mm
2118MD .....	18mm	2132MD. ....	32mm
2119MD .....	19mm	2133MD. ....	33mm
2120MD .....	20mm	2134MD. ....	34mm
2121MD .....	21mm	2135MD. ....	35mm
2122MD .....	22mm	2136MD. ....	36mm

Molded Storage Case



# 1/2" Drive Universal Impact Socket Sets



## 6 No. 1314U 1/2" Drive Standard Length Fractional Universal Set SAE



### 14 piece set contents:

2014U . . . . .	7/16"	2028U . . . . .	7/8"
2016U . . . . .	1/2"	2030U . . . . .	15/16"
2018U . . . . .	9/16"	2032U . . . . .	1"
2020U . . . . .	5/8"	2034U . . . . .	1-1/16"
2022U . . . . .	11/16"	2036U . . . . .	1-1/8"
2024U . . . . .	3/4"	2038U . . . . .	1-3/16"
2026U . . . . .	13/16"	2040U . . . . .	1-1/4"

Molded Storage Case

1/2"

## 6 No. 1314UD 1/2" Drive Deep Length Fractional Universal Set SAE



### 14 piece set contents:

2014UD . . . . .	7/16"	2028UD . . . . .	7/8"
2016UD . . . . .	1/2"	2030UD . . . . .	15/16"
2018UD . . . . .	9/16"	2032UD . . . . .	1"
2020UD . . . . .	5/8"	2034UD . . . . .	1-1/16"
2022UD . . . . .	11/16"	2036UD . . . . .	1-1/8"
2024UD . . . . .	3/4"	2038UD . . . . .	1-3/16"
2026UD . . . . .	13/16"	2040UD . . . . .	1-1/4"

Molded Storage Case

## 6 No. 1313UM 1/2" Drive Standard Length Metric Universal Set MM



### 13 piece set contents:

2012UM . . . . .	12mm	2019UM . . . . .	19mm
2013UM . . . . .	13mm	2020UM . . . . .	20mm
2014UM . . . . .	14mm	2021UM . . . . .	21mm
2015UM . . . . .	15mm	2022UM . . . . .	22mm
2016UM . . . . .	16mm	2023UM . . . . .	23mm
2017UM . . . . .	17mm	2024UM . . . . .	24mm
2018UM . . . . .	18mm		Molded Storage Case

## 6 No. 1313UMD 1/2" Drive Deep Length Metric Universal Set MM



### 13 piece set contents:

2012UMD . . . . .	12mm	2019UMD . . . . .	19mm
2013UMD . . . . .	13mm	2020UMD . . . . .	20mm
2014UMD . . . . .	14mm	2021UMD . . . . .	21mm
2015UMD . . . . .	15mm	2022UMD . . . . .	22mm
2016UMD . . . . .	16mm	2023UMD . . . . .	23mm
2017UMD . . . . .	17mm	2024UMD . . . . .	24mm
2018UMD . . . . .	18mm		Molded Storage Case



# 1/2" Drive 12-Point Universal Impact Socket Sets



12

No. 1714U

1/2" Drive 12-Point Standard Length Fractional Universal Set

SAE



14 piece set contents:

2114U..... 7/16"	2128U..... 7/8"
2116U..... 1/2"	2130U..... 15/16"
2118U..... 9/16"	2132U..... 1"
2120U..... 5/8"	2134U..... 1-1/16"
2122U..... 11/16"	2136U..... 1-1/8"
2124U..... 3/4"	2138U..... 1-3/16"
2126U..... 13/16"	2140U..... 1-1/4"

Molded Storage Case

1/2"



12

No. 1713UM

1/2" Drive 12-Point Standard Length Metric Universal Set



13 piece set contents:

2112UM..... 12mm	2119UM..... 19mm
2113UM..... 13mm	2120UM..... 20mm
2114UM..... 14mm	2121UM..... 21mm
2115UM..... 15mm	2122UM..... 22mm
2116UM..... 16mm	2123UM..... 23mm
2117UM..... 17mm	2124UM..... 24mm
2118UM..... 18mm	

Molded Storage Case





# 1/2" Drive Magnetic Impact Socket Sets



## No. 1511G 1/2" Drive Standard Length Fractional Magnetic Set SAE



### 11 piece set contents:

2012RG.....	3/8"	2022RG.....	11/16"
2014RG.....	7/16"	2024RG.....	3/4"
2016RG.....	1/2"	2026RG.....	13/16"
2018RG.....	9/16"	2028RG.....	7/8"
2020RG.....	5/8"	2030RG.....	15/16"
	On a Metal Clip Rail	2032RG.....	1"

1/2"

## No. 1512MG 1/2" Drive Standard Length Metric Magnetic Set MM



### 12 piece set contents:

2010MG.....	10mm	2016MG.....	16mm
2011MG.....	11mm	2017MG.....	17mm
2012MG.....	12mm	2018MG.....	18mm
2013MG.....	13mm	2019MG.....	19mm
2014MG.....	14mm	2020MG.....	20mm
2015MG.....	15mm	2021MG.....	21mm
			On a Metal Clip Rail

## No. 1511DG 1/2" Drive Deep Length Fractional Magnetic Set SAE

These magnetic sockets feature a spring loaded magnet that retracts into the socket for extended bolt applications.



### 11 piece set contents:

2012DG.....	3/8"	2022DG.....	11/16"
2014DG.....	7/16"	2024DG.....	3/4"
2016DG.....	1/2"	2026DG.....	13/16"
2018DG.....	9/16"	2028DG.....	7/8"
2020DG.....	5/8"	2030DG.....	15/16"
	On a Metal Clip Rail	2032DG.....	1"

## No. 1512MDG 1/2" Drive Deep Length Metric Magnetic Set MM

These magnetic sockets feature a spring loaded magnet that retracts into the socket for extended bolt applications.



### 12 piece set contents:

2010MDG.....	10mm	2016MDG.....	16mm
2011MDG.....	11mm	2017MDG.....	17mm
2012MDG.....	12mm	2018MDG.....	18mm
2013MDG.....	13mm	2019MDG.....	19mm
2014MDG.....	14mm	2020MDG.....	20mm
2015MDG.....	15mm	2021MDG.....	21mm
			On a Metal Clip Rail



# 1/2" Drive 8-Point Standard Length Impact Sockets



## 8 No. 1311S 1/2" Drive 8-Point Standard Length Fractional Socket Set SAE



Set contains eleven (11) 8-point standard length sockets packaged in a molded case for easy transportation and storage. These sockets are commonly referred to as double-square or railroad sockets. Available individually below.

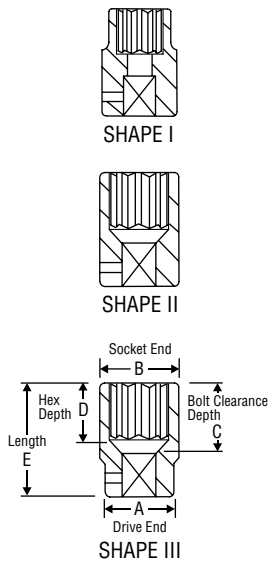
### 11 piece set contents:

2516S..... 1/2"	2528S..... 7/8"
2518S..... 9/16"	2530S..... 15/16"
2520S..... 5/8"	2532S..... 1"
2522S..... 11/16"	2534S..... 1-1/16"
2524S..... 3/4"	2536S..... 1-1/8"
2526S..... 13/16"	Molded Storage Case

1/2"



## 8 1/2" Drive 8-Point - Standard Length - Fractional Sizes SAE



Item Number	8-Point Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
<b>2516S</b>	<b>1/2"</b>	II	.94	.94	.83	.35	1.50
<b>2518S</b>	<b>9/16"</b>	II	1.02	1.02	.83	.43	1.50
<b>2520S</b>	<b>5/8"</b>	II	1.10	1.10	.83	.43	1.50
<b>2522S</b>	<b>11/16"</b>	II	1.18	1.18	.83	.43	1.50
<b>2524S</b>	<b>3/4"</b>	II	1.34	1.34	.91	.51	1.57
<b>2526S</b>	<b>13/16"</b>	II	1.42	1.42	.91	.59	1.57
<b>2528S</b>	<b>7/8"</b>	II	1.50	1.50	.91	.59	1.57
<b>2530S</b>	<b>15/16"</b>	III	1.50	1.65	1.10	.71	1.77
<b>2532S</b>	<b>1"</b>	III	1.50	1.73	1.10	.71	1.77
<b>2534S</b>	<b>1-1/16"</b>	II	1.83	1.83	1.30	.75	1.97
<b>2536S</b>	<b>1-1/8"</b>	II	1.93	1.93	1.30	.75	1.97



# 1/2" Drive 8-Point Deep Length Impact Sockets



## 8 No. 1311SD 1/2" Drive 8-Point Deep Length Fractional Socket Set SAE



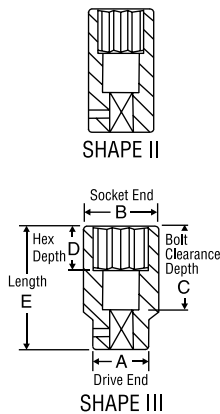
Set contains eleven (11) 8-point deep length sockets packaged in a molded case for easy transportation and storage. These sockets are commonly referred to as double-square or railroad sockets. Available individually below.

### 11 piece set contents:

2516SD . . . . .	1/2"	2528SD . . . . .	7/8"
2518SD . . . . .	9/16"	2530SD . . . . .	15/16"
2520SD . . . . .	5/8"	2532SD . . . . .	1"
2522SD . . . . .	11/16"	2534SD . . . . .	1-1/16"
2524SD . . . . .	3/4"	2536SD . . . . .	1-1/8"
2526SD . . . . .	13/16"		Molded Storage Case



## 8 1/2" Drive 8-Point - Deep Length - Fractional Sizes SAE



Item Number	8-Point Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
<b>2516SD</b>	<b>1/2"</b>	II	.94	.94	2.60	.35	3.27
<b>2518SD</b>	<b>9/16"</b>	II	1.02	1.02	2.60	.43	3.27
<b>2520SD</b>	<b>5/8"</b>	II	1.10	1.10	2.60	.43	3.27
<b>2522SD</b>	<b>11/16"</b>	II	1.18	1.18	2.60	.43	3.27
<b>2524SD</b>	<b>3/4"</b>	II	1.34	1.34	2.60	.51	3.27
<b>2526SD</b>	<b>13/16"</b>	II	1.42	1.42	2.60	.59	3.27
<b>2528SD</b>	<b>7/8"</b>	II	1.50	1.50	2.87	.59	3.54
<b>2530SD</b>	<b>15/16"</b>	III	1.50	1.65	2.87	.71	3.54
<b>2532SD</b>	<b>1"</b>	III	1.50	1.73	2.87	.71	3.54
<b>2534SD</b>	<b>1-1/16"</b>	III	1.83	1.83	2.87	.75	3.54
<b>2536SD</b>	<b>1-1/8"</b>	III	1.93	1.93	2.87	.75	3.54





# 1/2" Drive Pipe Plug Impact Sockets



## 4 No. 1308P 1/2" Drive Pipe Plug Socket Set SAE



8 piece set contents:

**Male Sizes**

2008PP.....	1/4"
2009PP.....	9/32"
2010PP.....	5/16"
2012PP.....	3/8"

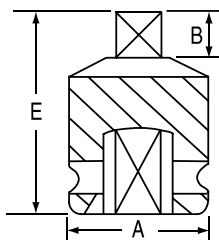
2014PP.....	7/16"
2016PP.....	1/2"
2018PP.....	9/16"
2020PP.....	5/8"

Molded Storage Case

1/2"



## 4 1/2" Drive Individual Male Pipe Plug Sockets SAE



Item Number	Male Size	Dimensions (Inches)		
		A	B	E
<b>2008PP</b>	<b>1/4"</b>	.98	.32	1.50
<b>2009PP</b>	<b>9/32"</b>	.98	.32	1.50
<b>2010PP</b>	<b>5/16"</b>	.98	.32	1.50
<b>2012PP</b>	<b>3/8"</b>	.98	.32	1.50
<b>2014PP</b>	<b>7/16"</b>	.98	.32	1.50
<b>2016PP</b>	<b>1/2"</b>	.98	.32	1.50
<b>2018PP</b>	<b>9/16"</b>	1.02	.32	1.50
<b>2020PP</b>	<b>5/8"</b>	1.14	.32	1.50



# 1/2" Drive Axle/Spindle Nut Impact Sockets



## 6 No. 1705SN 1/2" Drive Axle/Spindle Nut Socket Set MM

This set contains five (5) popular axle/spindle nut impact socket sizes. Packaged in a convenient molded case.



### 5 piece set contents:

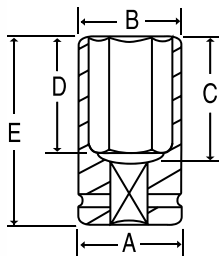
- 2730MD . . . . 30mm Deep
  - 2732MD . . . . 32mm Deep
  - 2734MD . . . . 34mm Deep
  - 2735MD . . . . 35mm Deep
  - 2736MD . . . . 36mm Deep
- Molded Storage Case



1/2"

## 6 1/2" Drive Axle/Spindle Nut Impact Sockets MM

These sockets are designed specifically to remove axle/spindle nuts on passenger and light trucks and are of a heavy duty design. They are also useful in any application that requires a heavy duty socket.



Item Number	Hex Size	Dimensions (Millimeters)				
		A	B	C	D	E
<b>2730MD</b>	<b>30mm</b>	43	43	72	21.5	89
<b>2732MD</b>	<b>32mm</b>	43	45	72	21.5	89
<b>2734MD</b>	<b>34mm</b>	43	48	72	21.5	89
<b>2735MD</b>	<b>35mm</b>	43	50	72	21.5	89
<b>2736MD</b>	<b>36mm</b>	43	52	72	21.5	89



# 1/2" Drive 12-Point Axle/Spindle Nut Impact Sockets



## 12 No. 1708SN 1/2" Drive - 12 Point - Axle/Spindle Nut Socket Set MM



This set contains eight (8) popular 12 point axle/spindle nut impact socket sizes. Fits axle nuts on Toyota Tundra, Sequoia, Tacoma and Lexus LX570 as well as most other vehicles. Packaged in a convenient molded case with handle.

### 8 piece set contents:

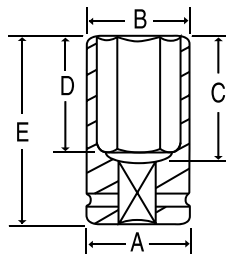
- 2129MD . . . . 29mm Deep
- 2130MD . . . . 30mm Deep
- 2132MD . . . . 32mm Deep
- 2134MD . . . . 34mm Deep
- 2135MD . . . . 35mm Deep
- 2136MD . . . . 36mm Deep
- 2138MD . . . . 38mm Deep
- 2139MD . . . . 39mm Deep
- Molded Storage Case

1/2"



## 12 1/2" Drive - 12 Point - Axle/Spindle Nut Impact Sockets MM

These sockets are specifically designed to remove Axle/Spindle nuts on passenger cars and light trucks.



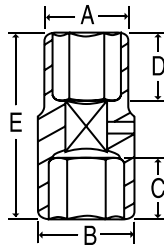
Item Number	12-Point Size	Dimensions (Millimeters)				
		A	B	C	D	E
<b>2129MD</b>	<b>29mm</b>	38	40	73	24	90
<b>2130MD</b>	<b>30mm</b>	38	42	73	24	90
<b>2132MD</b>	<b>32mm</b>	38	44	73	24	90
<b>2134MD</b>	<b>34mm</b>	38	46	73	36	90
<b>2135MD</b>	<b>35mm</b>	38	48.5	73	36	90
<b>2136MD</b>	<b>36mm</b>	38	48.5	73	36	90
<b>2138MD</b>	<b>38mm</b>	38	52.5	73	36	90
<b>2139MD</b>	<b>39mm</b>	44	54.5	76	36	93



# 1/2" Drive Wheel Service Impact Sockets



## 6 1/2" Drive Extra-Thin Wall "Flip" Sockets



Unique hex opening on each end so that a single socket can accommodate two hex sizes. Extra-thin wall design for easy access to recessed wheel nuts.

Hex Size	Dimensions (Inches)				
	A	B	C	D	E
<b>*2146DT</b> 3/4" x 13/16"	1.10	1.02	.59	.87	2.99
<b>*2192DT</b> 19mm x 21mm	1.10	1.02	.59	.87	2.99

\*Extra-Thin Wall Impact Sockets are not covered by the GP Warranty.

1/2"

## 6 No. 1504FW 1/2" Drive Thin Wall "Flip" Socket Set



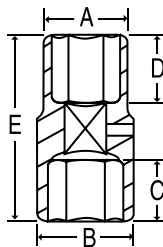
A set of four (4) thin wall "flip" style impact sockets that have two different hex sizes in each socket. Sockets are designed for auto and light truck wheel fasteners. Use with 1/2" drive extended shank impact tools or regular shank impact tools with an extension.

### 4 piece set contents:

2346D . . . . . 3/4" x 13/16"	2349D . . . . . 7/8" x 15/16"
2392D . . . . . 19mm x 21mm	2351D . . . . . 1" x 1-1/16"
	Plastic Tray

All items in this set carry the GP Lifetime Warranty.

## 6 1/2" Drive Thin Wall "Flip" Sockets



Unique hex opening on each end so that a single socket can accommodate two hex sizes. Thin wall design to fit most recessed wheel nuts.

Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
<b>2346D</b>	<b>3/4" x 13/16"</b>	1.18	.91	.59	.87	2.99
<b>2392D</b>	<b>19mm x 21mm</b>	1.18	1.10	.59	.87	2.99
<b>2349D</b>	<b>7/8" x 15/16"</b>	1.34	1.26	1.00	1.20	3.27
<b>2351D</b>	<b>1" x 1-1/16"</b>	1.50	1.42	1.00	1.20	3.27

GP Lifetime Warranty

## 6 No. 2189D 1/2" Drive Damaged Nut "Flip" Socket



This "flip" style socket features 18.5mm hex on one end and 19.5mm hex on the other. It is designed to remove 19mm lug nuts with missing or distorted caps found on GM or Chrysler vehicles.

### Features include:

- 18.5mm side fits 19mm lug nuts with missing chrome covers.
- 19.5mm side fits 19mm lug nuts with damaged or distorted caps.
- "Flip" design is for use with extended anvil impact wrenches or with an extension.
- GP Lifetime Warranty

# 1/2" Drive Extra-Thin Wall Wheel Service Impact Sockets



## 6 1500DW\* 1/2" Drive Extra-Thin Wall Set For Wheel Service SAE MM



Twelve (12) - 1/2" drive extra-thin wall designed deep fractional and metric impact sockets. The extra-thin wall design allows easy access to recessed wheel nuts where space is limited. Due to the extra-thin wall design, they should only be used on wheel nuts where limited torque is applied. For use only with 1/2" drive tools. DO NOT use reducing adapters.



### 12 piece set contents:

2024DT . . . . . 3/4" T.W.	2017MDT. . . . . 17mm T.W.
2026DT . . . . . 13/16" T.W.	2019MDT. . . . . 19mm T.W.
2028DT . . . . . 7/8" T.W.	2021MDT. . . . . 21mm T.W.
2032DT . . . . . 1" T.W.	2022MDT. . . . . 22mm T.W.
2034DT . . . . . 1-1/16" T.W.	2023MDT. . . . . 23mm T.W.
2146DT . . . 3/4" x 13/16" T.W.	2192DT . . 19mm x 21mm T.W.
	Molded Storage Case

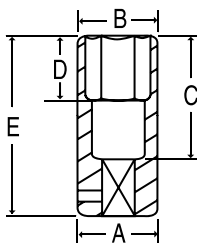
\*Extra-Thin Wall Impact Sockets are not covered by the GP Warranty.

1/2"

## 6 1/2" Drive Extra-Thin Wall Sockets SAE MM



These extra-thin wall deep impact sockets are designed to allow easy access to recessed wheel nuts where space is limited. Due to the extra-thin wall design, they should be used only on passenger and light truck wheel nuts. Use Only with 1/2" Drive Tools. DO NOT use with reducing adapters.



Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
<b>Fractional Sizes</b>						
*2024DT	3/4"	1.02	1.02	2.40	.75	3.07
*2026DT	13/16"	1.10	1.10	2.40	.94	3.07
*2028DT	7/8"	1.18	1.18	2.40	.94	3.07
*2030DT	15/16"	1.26	1.26	2.40	.94	3.07
*2032DT	1"	1.34	1.34	2.40	.94	3.07
*2034DT	1-1/16"	1.42	1.42	2.40	.94	3.07
<b>Metric Sizes</b>						
*2017MDT	17mm	.95	.95	1.58	.67	3.07
*2019MDT	19mm	1.02	1.02	1.58	.75	3.07
*2021MDT	21mm	1.10	1.10	1.58	.95	3.07
*2022MDT	22mm	1.16	1.16	1.58	.95	3.07
*2023MDT	23mm	1.20	1.20	1.58	.95	3.07

\*Extra-Thin Wall Impact Sockets are not covered by the GP Warranty.



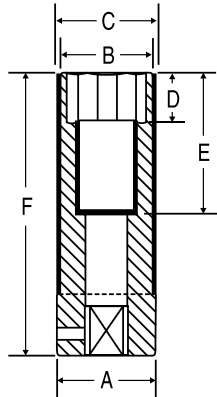
# 1/2" Drive Wheel/Nut Protector Impact Sockets

## 6 1/2" Drive Extra-Thin Wall Wheel/Nut Protector Sockets



These unique extra-thin wall impact sockets are for use on alloy wheels with decorative lug nuts. They feature protective (color-coded) plastic sleeves and internal plastic inserts to prevent damage to expensive alloy wheels and decorative lug nuts. They should be used only on passenger and light truck wheel nuts. USE ONLY WITH 1/2" DRIVE AIR TOOLS. DO NOT USE REDUCING ADAPTERS. Available individually or in Sets below.

1/2"



Item Number	Hex Size	Sleeve Color	Dimensions (Inches)					
			A	B	C	D	E	F
<b>Fractional Sizes</b>								
*2024TP	3/4"	Yellow	1.10	1.02	1.10	.71	1.75	3.15
*2026TP	13/16"	Dark Green	1.18	1.10	1.18	.91	1.75	3.15
*2028TP	7/8"	Purple	1.26	1.18	1.26	.91	1.75	3.15
*2030TP	15/16"	Tan	1.34	1.26	1.26	.91	1.75	3.07
*2032TP	1"	Light Blue	1.42	1.34	1.34	.91	1.75	3.07
*2034TP	1-1/16"	Light Green	1.50	1.42	1.42	.91	1.75	3.07
<b>Metric Sizes</b>								
*2017MTP	17mm	Red	1.02	.95	1.02	.63	1.75	3.15
*2019MTP	19mm	Dark Blue	1.10	1.02	1.10	.71	1.75	3.15
*2021MTP	21mm	Gray	1.18	1.10	1.18	.91	1.75	3.15
*2022MTP	22mm	Orange	1.26	1.16	1.24	.91	1.75	3.15
*2023MTP	23mm	Brown	1.26	1.20	1.28	.91	1.75	3.15

\*Extra-Thin Wall Impact Sockets are not covered by the GP Warranty.

## 6 No. 1511TP\* 1/2" Drive Extra-Thin Wall Wheel/Nut Protector Socket Set



11 piece set contents: (All Impact Sockets listed above)

2024TP	..... 3/4"	2017MTP	..... 17mm
2026TP	..... 13/16"	2019MTP	..... 19mm
2028TP	..... 7/8"	2021MTP	..... 21mm
2030TP	..... 15/16"	2022MTP	..... 22mm
2032TP	..... 1"	2023MTP	..... 23mm
2034TP	..... 1-1/16"		Molded Storage Case

\*Extra-Thin Wall Impact Sockets are not covered by GP Warranty.

## 6 No. 1505TP\* 1/2" Drive Extra-Thin Wall Wheel/Nut Protector Socket Set



Set includes five (5) of the most popular fractional sizes listed above:

5 piece set contents:

3/4", 13/16", 7/8", 1" & 1-1/16"  
Molded Storage Case

\*Extra-Thin Wall Impact Sockets are not covered by GP Warranty.

## 6 No. 1503TP\* 1/2" Drive Extra-Thin Wall Wheel/Nut Protector Socket Set



Set includes three (3) of the most popular metric sizes listed above:

3 piece set contents:

17mm, 19mm, 21mm  
Molded Storage Case

\*Extra-Thin Wall Impact Sockets are not covered by GP Warranty.



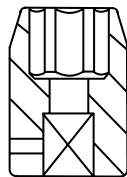
# 1/2" Drive Standard Length Impact Sockets



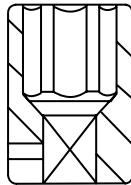
## 6 1/2" Drive - Standard Length - Fractional Sizes SAE



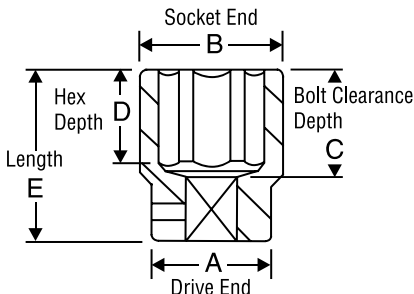
ANSI Specifications B107.2



SHAPE I



SHAPE II



SHAPE III

Item Number	Hex Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
2010R	5/16"	I	.87	.59	.83	.35	1.50
2012R	3/8"	I	.87	.63	.83	.47	1.50
2014R	7/16"	I	.87	.71	.83	.47	1.50
2016R	1/2"	I	.87	.79	.83	.47	1.50
2018R	9/16"	I	.94	.87	.83	.47	1.50
2020R	5/8"	II	.98	.98	.83	.47	1.50
2022R	11/16"	II	1.02	1.02	.83	.51	1.50
2024R	3/4"	II	1.10	1.10	.83	.51	1.50
2026R	13/16"	II	1.18	1.18	.83	.55	1.50
2028R	7/8"	II	1.26	1.26	.83	.59	1.50
2030R	15/16"	II	1.34	1.34	.83	.59	1.50
2032R	1"	II	1.42	1.42	.83	.59	1.50
2034R	1-1/16"	II	1.50	1.50	.91	.67	1.57
2036R	1-1/8"	III	1.50	1.57	.91	.67	1.57
2038R	1-3/16"	III	1.50	1.65	.91	.67	1.57
2040R	1-1/4"	III	1.50	1.73	.91	.67	1.57
2042R	1-5/16"	III	1.50	1.77	1.02	.75	1.69
2044R	1-3/8"	III	1.50	1.91	1.30	.94	1.97
2046R	1-7/16"	III	1.50	1.99	1.30	.94	1.97
2048R	1-1/2"	III	1.50	2.07	1.30	.94	1.97
2050R	1-9/16"	III	1.73	2.20	1.69	.94	2.36
2052R	1-5/8"	III	1.73	2.30	1.69	1.06	2.36
2054R	1-11/16"	III	1.73	2.40	1.69	1.06	2.36
2056R	1-3/4"	III	1.73	2.48	1.69	1.06	2.36
2058R	1-13/16"	III	1.73	2.56	2.09	1.18	2.76
2060R	1-7/8"	III	1.73	2.66	2.09	1.18	2.76
2062R	1-15/16"	III	1.73	2.72	2.09	1.18	2.76
2064R	2"	III	2.05	2.80	2.09	1.26	2.76
2066R	2-1/16"	III	2.05	2.85	2.09	1.26	2.76
2068R	2-1/8"	III	2.05	2.95	2.09	1.26	2.76
2070R	2-3/16"	III	2.05	3.01	2.09	1.38	2.76
2072R	2-1/4"	III	2.05	3.07	2.09	1.38	2.76

1/2"

## 6 Standard Length - Metric Sizes MM

Item Number	Hex Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
2008M	8mm	I	22	15.0	21	9	38
2009M	9mm	I	22	15.0	21	12	38
2010M	10mm	I	22	17.0	21	12	38
2011M	11mm	I	22	19.0	21	12	38
2012M	12mm	I	22	19.0	21	12	38
2013M	13mm	I	24	20.0	21	12	38
2014M	14mm	I	24	22.0	21	12	38
2015M	15mm	I	25	23.0	21	12	38
2016M	16mm	II	25	25.0	21	12	38
2017M	17mm	II	26	26.0	21	13	38
2018M	18mm	II	26	26.0	21	13	38
2019M	19mm	II	28	28.0	21	13	38
2020M	20mm	II	30	30.0	21	13	38
2021M	21mm	II	30	30.0	21	13	38
2022M	22mm	II	32	32.0	21	13	38
2023M	23mm	II	32	32.0	21	13	38
2024M	24mm	II	34	34.0	21	13	38
2025M	25mm	II	36	36.0	21	14	38
2026M	26mm	II	36	36.0	21	14	38
2027M	27mm	II	38	38.0	23	17	40
2028M	28mm	III	38	40.0	23	17	40
2029M	29mm	III	38	40.0	23	17	40
2030M	30mm	III	38	42.0	23	17	40
2032M	32mm	III	38	44.0	23	17	40
2033M	33mm	III	38	45.0	26	19	43
2034M	34mm	III	38	46.0	33	24	50
2035M	35mm	III	38	48.5	33	24	50
2036M	36mm	III	38	48.5	33	24	50



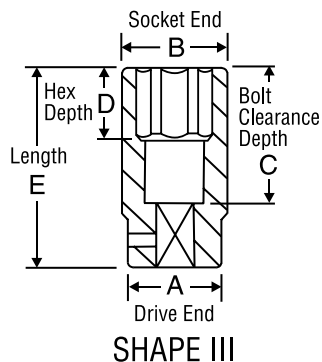
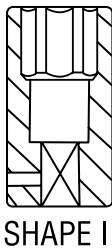
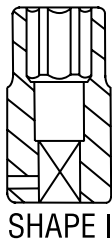
# 1/2" Drive Deep Length Impact Sockets



## 6 1/2" Drive - Deep Length - Fractional Sizes SAE



ANSI Specifications B107.2



Item Number	Hex Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
2010D	5/16"	I	.87	.59	2.65	.51	3.27
2012D	3/8"	I	.87	.63	2.65	.55	3.27
2014D	7/16"	I	.87	.71	2.65	.55	3.27
2016D	1/2"	I	.87	.79	2.65	.55	3.27
2018D	9/16"	I	.94	.87	2.65	.95	3.27
2020D	5/8"	II	.94	.94	2.65	.95	3.27
2022D	11/16"	II	1.02	1.02	2.65	.95	3.27
2024D	3/4"	II	1.10	1.10	2.65	.95	3.27
2026D	13/16"	II	1.18	1.18	2.65	.95	3.27
2028D	7/8"	II	1.26	1.26	2.92	.95	3.54
2030D	15/16"	II	1.34	1.34	2.92	.95	3.54
2032D	1"	II	1.42	1.42	2.92	.95	3.54
2034D	1-1/16"	II	1.50	1.50	2.92	.95	3.54
2036D	1-1/8"	III	1.50	1.57	2.92	.95	3.54
2038D	1-3/16"	III	1.50	1.73	2.92	.95	3.54
2040D	1-1/4"	III	1.50	1.73	2.92	.95	3.54
*2040HD	1-1/4"	III	1.50	1.85	2.68	1.22	3.35
2042D	1-5/16"	III	1.50	1.77	2.92	1.35	3.54
2044D	1-3/8"	III	1.50	1.91	2.92	1.35	3.54
2046D	1-7/16"	III	1.50	1.99	2.92	1.35	3.54
2048D	1-1/2"	III	1.50	2.07	2.92	1.45	3.54
2050D	1-9/16"	III	1.73	2.20	3.03	2.28	3.66
2052D	1-5/8"	III	1.73	2.30	3.03	2.28	3.66
2054D	1-11/16"	III	1.73	2.40	3.03	2.28	3.66
2056D	1-3/4"	III	1.73	2.48	3.03	2.28	3.66
2058D	1-13/16"	III	1.73	2.56	3.03	2.28	3.66
2060D	1-7/8"	III	1.73	2.66	3.03	2.28	3.66
2062D	1-15/16"	III	1.73	2.72	3.03	2.28	3.66
2064D	2"	III	2.05	2.80	3.03	2.28	3.66
2066D	2-1/16"	III	2.05	2.85	3.03	2.28	3.66
2068D	2-1/8"	III	2.05	2.95	3.03	2.28	3.66
2070D	2-3/16"	III	2.05	3.01	3.03	2.28	3.66
2072D	2-1/4"	III	2.05	3.07	3.03	2.28	3.66

\*For Heavy Duty Wheel Service Work

## 6 Deep Length - Metric Sizes MM

Item Number	Hex Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
2008MD	8mm	I	22	15.0	66	14	83
2009MD	9mm	I	22	15.0	66	14	83
2010MD	10mm	I	22	17.0	66	14	83
2011MD	11mm	I	22	18.0	66	14	83
2012MD	12mm	I	22	19.0	66	14	83
2013MD	13mm	I	24	20.0	66	14	83
2014MD	14mm	I	24	22.0	66	24	83
2015MD	15mm	II	24	24.0	66	24	83
2016MD	16mm	II	26	24.0	66	24	83
2017MD	17mm	II	26	26.0	66	24	83
2018MD	18mm	II	26	26.0	66	24	83
2019MD	19mm	II	28	28.0	66	24	83
2020MD	20mm	II	30	30.0	66	24	83
2021MD	21mm	II	30	30.0	66	24	83
2022MD	22mm	II	32	32.0	73	24	90
2023MD	23mm	II	32	32.0	73	24	90
2024MD	24mm	II	34	34.0	73	24	90
2025MD	25mm	II	36	36.0	73	24	90
2026MD	26mm	II	36	36.0	73	24	90
2027MD	27mm	II	38	38.0	73	24	90
2028MD	28mm	III	38	40.0	73	24	90
2029MD	29mm	III	38	40.0	73	24	90
2030MD	30mm	III	38	42.0	73	24	90
2032MD	32mm	III	38	44.0	73	24	90
2033MD	33mm	III	38	45.0	73	34	90
2034MD	34mm	III	38	46.0	73	34	90
2035MD	35mm	III	38	48.5	73	34	90
2036MD	36mm	III	38	48.5	73	34	90





# 1/2" Drive 12-Point Standard Length Impact Sockets



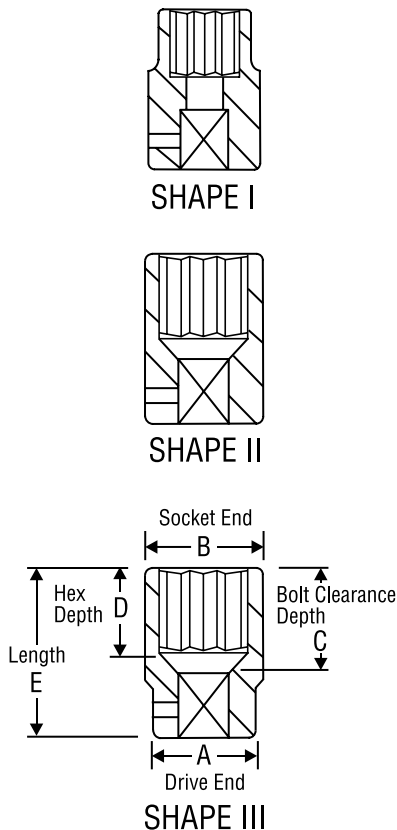
## 12 1/2" Drive 12-Point - Standard Length - Fractional Sizes SAE



Item Number	12-Point Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
2112R	3/8"	I	.94	.63	.83	.47	1.50
2114R	7/16"	I	.94	.71	.83	.47	1.50
2116R	1/2"	I	.94	.79	.83	.47	1.50
2118R	9/16"	I	.94	.87	.83	.47	1.50
2120R	5/8"	I	.94	.94	.83	.47	1.50
2122R	11/16"	II	.94	1.02	.83	.51	1.50
2124R	3/4"	II	1.02	1.10	.83	.51	1.50
2126R	13/16"	II	1.10	1.18	.83	.55	1.50
2128R	7/8"	II	1.18	1.26	.83	.59	1.50
2130R	15/16"	II	1.26	1.34	1.10	.79	1.77
2132R	1"	II	1.34	1.42	1.10	.79	1.77
2134R	1-1/16"	II	1.42	1.50	1.30	.94	1.97
2136R	1-1/8"	III	1.50	1.56	1.30	.94	1.97
2138R	1-3/16"	III	1.50	1.64	1.30	.94	1.97
2140R	1-1/4"	III	1.50	1.72	1.30	.94	1.97
2142R	1-5/16"	III	1.50	1.75	1.30	.94	1.97
2144R	1-3/8"	III	1.50	1.84	1.30	.94	1.97
2146R	1-7/16"	III	1.50	1.90	1.30	.94	1.97
2148R	1-1/2"	III	1.50	1.98	1.30	.94	1.97

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## 12 Standard Length - Metric Sizes MM



Item Number	12-Point Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
2110M	10mm	I		17	21	12	38
2111M	11mm	I	24	18	21	12	38
2112M	12mm	I	24	19	21	12	38
2113M	13mm	I	24	20	21	12	38
2114M	14mm	I	24	22	21	12	38
2115M	15mm	II	24	24	21	12	38
2116M	16mm	II	24	24	21	12	38
2117M	17mm	II	26	26	21	13	38
2118M	18mm	II	26	26	21	13	38
2119M	19mm	II	28	28	21	13	38
2120M	20mm	II	30	30	21	14	38
2121M	21mm	II	30	30	21	14	38
2122M	22mm	II	32	32	21	15	38
2123M	23mm	II	32	32	21	15	38
2124M	24mm	II	34	34	28	20	45
2125M	25mm	II	36	36	28	20	45
2126M	26mm	II	36	36	33	24	50
2127M	27mm	II	38	38	33	24	50
2128M	28mm	III	38	40	33	24	50
2129M	29mm	III	38	40	33	24	50
2130M	30mm	III	38	42	33	24	50
2132M	32mm	III	38	44	33	24	50
2133M	33mm	III	38	45	33	24	50
2134M	34mm	III	38	46	33	24	50
2135M	35mm	III	38	47	33	24	50
2136M	36mm	III	38	48	33	24	50



# 1/2" Drive 12-Point Deep Length Impact Sockets



## 12 1/2" Drive 12-Point - Deep Length - Fractional Sizes SAE

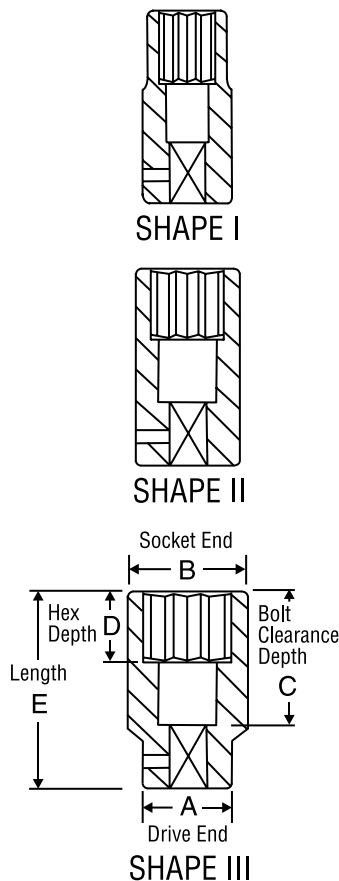


1/2"

Item Number	12-Point Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
<b>2112D</b>		I	.87	.63	2.60	.55	3.27
<b>2114D</b>	7/16"	I	.87	.71	2.60	.55	3.27
<b>2116D</b>	1/2"	I	.87	.79	2.60	.55	3.27
<b>2118D</b>	9/16"	I	.94	.87	2.60	.94	3.27
<b>2120D</b>	5/8"	II	.94	.94	2.60	.94	3.27
<b>2122D</b>	11/16"	II	1.02	1.02	2.60	.94	3.27
<b>2124D</b>	3/4"	II	1.10	1.10	2.60	.94	3.27
<b>2126D</b>	13/16"	II	1.18	1.18	2.60	.94	3.27
<b>2128D</b>	7/8"	II	1.26	1.26	2.87	.94	3.54
<b>2130D</b>	15/16"	II	1.34	1.34	2.87	.94	3.54
<b>2132D</b>	1"	II	1.42	1.42	2.87	.94	3.54
<b>2134D</b>	1-1/16"	II	1.50	1.50	2.87	.94	3.54
<b>2136D</b>	1-1/8"	III	1.50	1.57	2.87	.94	3.54
<b>2138D</b>	1-3/16"	III	1.50	1.65	2.87	.94	3.54
<b>2140D</b>	1-1/4"	III	1.50	1.73	2.87	.94	3.54
<b>2142D</b>	1-5/16"	III	1.50	1.77	2.87	.94	3.54
<b>2144D</b>	1-3/8"	III	1.50	1.91	2.87	.94	3.54
<b>2146D</b>	1-7/16"	III	1.50	1.99	2.87	.94	3.54
<b>2148D</b>	1-1/2"	III	1.50	2.07	2.87	.94	3.54

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## 12 Deep Length - Metric Sizes MM



Item Number	12-Point Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
<b>2110MD</b>	10mm	I	22	17.0	66	14	83
<b>2111MD</b>	11mm	I	22	18.0	66	14	83
<b>2112MD</b>	12mm	I	22	19.0	66	14	83
<b>2113MD</b>	13mm	I	24	20.0	66	14	83
<b>2114MD</b>	14mm	I	24	22.0	66	24	83
<b>2115MD</b>	15mm	II	24	24.0	66	24	83
<b>2116MD</b>	16mm	II	24	24.0	66	24	83
<b>2117MD</b>	17mm	II	26	26.0	66	24	83
<b>2118MD</b>	18mm	II	26	26.0	66	24	83
<b>2119MD</b>	19mm	II	28	28.0	66	24	83
<b>2120MD</b>	20mm	II	30	30.0	66	24	83
<b>2121MD</b>	21mm	II	30	30.0	66	24	83
<b>2122MD</b>	22mm	II	32	32.0	73	24	90
<b>2123MD</b>	23mm	II	32	32.0	73	24	90
<b>2124MD</b>	24mm	II	34	34.0	73	24	90
<b>2125MD</b>	25mm	II	36	36.0	73	24	90
<b>2126MD</b>	26mm	II	36	36.0	73	24	90
<b>2127MD</b>	27mm	II	38	38.0	73	24	90
<b>2128MD</b>	28mm	III	38	40.0	73	24	90
<b>2129MD</b>	29mm	III	38	40.0	73	24	90
<b>2130MD</b>	30mm	III	38	42.0	73	24	90
<b>2132MD</b>	32mm	III	38	44.0	73	24	90
<b>2133MD</b>	33mm	III	38	45.0	73	36	90
<b>2134MD</b>	34mm	III	38	46.0	73	36	90
<b>2135MD</b>	35mm	III	38	48.5	73	36	90
<b>2136MD</b>	36mm	III	38	48.5	73	36	90
<b>2138MD</b>	38mm	III	38	52.5	73	36	90
<b>2139MD</b>	39mm	III	44	54.5	76	36	93



# 1/2" Drive Standard Length Universal Impact Sockets



## 6 1/2" Drive - Standard Length Universal - Fractional Sizes SAE

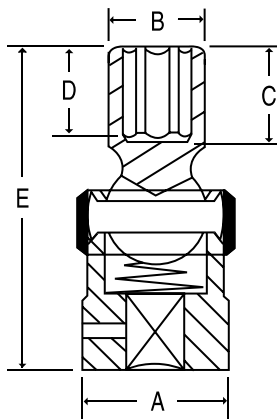


Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
2012U	3/8"	1.10	.59	.63	.51	2.56
2014U	7/16"	1.10	.67	.63	.51	2.56
2016U	1/2"	1.10	.75	.63	.51	2.56
2018U	9/16"	1.10	.87	.63	.51	2.56
2020U	5/8"	1.10	.91	.63	.51	2.56
2022U	11/16"	1.26	1.02	.63	.51	2.56
2024U	3/4"	1.26	1.10	.63	.51	2.56
2026U	13/16"	1.26	1.18	.63	.51	2.56
2028U	7/8"	1.26	1.26	.63	.51	2.56
2030U	15/16"	1.26	1.34	.63	.51	2.56
2032U	1"	1.26	1.42	.63	.51	2.56
2034U	1-1/16"	1.26	1.50	.63	.51	2.56
2036U	1-1/8"	1.26	1.57	.71	.51	2.76
2038U	1-3/16"	1.26	1.65	.79	.51	2.83
2040U	1-1/4"	1.26	1.73	.79	.40	2.83

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1/2"

## 6 Standard Length - Metric Sizes MM



Item Number	Hex Size	Dimensions (Millimeters)				
		A	B	C	D	E
2010UM	10mm	28	15	16	13	65
2011UM	11mm	28	17	16	13	65
2012UM	12mm	28	19	16	13	65
2013UM	13mm	28	20	16	13	65
2014UM	14mm	28	22	16	13	65
2015UM	15mm	28	23	16	13	65
2016UM	16mm	28	23	16	13	65
2017UM	17mm	32	26	16	13	65
2018UM	18mm	32	26	16	13	65
2019UM	19mm	32	28	16	13	65
2020UM	20mm	32	30	16	13	65
2021UM	21mm	32	30	16	13	65
2022UM	22mm	32	32	16	13	65
2023UM	23mm	32	32	16	13	65
2024UM	24mm	32	34	16	13	65



# 1/2" Drive Deep Length Universal Impact Sockets



## 6 1/2" Drive - Deep Length Universal - Fractional Sizes SAE

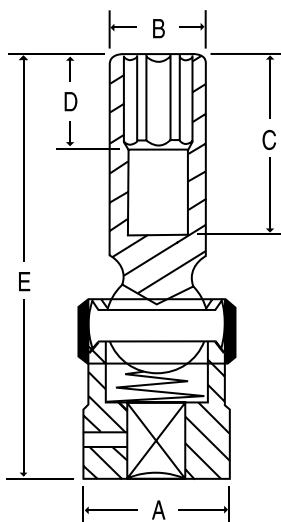


1/2"

Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
2012UD	3/8"	1.10	.59	1.57	.55	3.54
2014UD	7/16"	1.10	.67	1.57	.79	3.54
2016UD	1/2"	1.10	.75	1.57	.79	3.54
2018UD	9/16"	1.10	.87	1.57	.79	3.54
2020UD	5/8"	1.10	.91	1.57	.79	3.54
2022UD	11/16"	1.26	1.02	1.57	.79	3.54
2024UD	3/4"	1.26	1.10	1.57	.98	3.54
2026UD	13/16"	1.26	1.18	1.57	.98	3.54
2028UD	7/8"	1.26	1.26	1.57	.98	3.54
2030UD	15/16"	1.26	1.34	1.57	.98	3.54
2032UD	1"	1.26	1.42	1.57	.98	3.54
2034UD	1-1/16"	1.26	1.50	1.57	.98	3.54
2036UD	1-1/8"	1.26	1.57	1.57	.98	3.54
2038UD	1-3/16"	1.26	1.65	1.57	.98	3.54
2040UD	1-1/4"	1.26	1.73	1.57	.98	3.54

ANSI Specifications B107.2

## 6 Deep Length - Metric Sizes MM



Item Number	Hex Size	Dimensions (Millimeters)				
		A	B	C	D	E
2010UMD	10mm	28	15	40	14	90
2011UMD	11mm	28	17	40	20	90
2012UMD	12mm	28	19	40	20	90
2013UMD	13mm	28	20	40	20	90
2014UMD	14mm	28	22	40	20	90
2015UMD	15mm	28	23	40	20	90
2016UMD	16mm	28	23	40	20	90
2017UMD	17mm	32	26	40	20	90
2018UMD	18mm	32	26	40	20	90
2019UMD	19mm	32	28	40	25	90
2020UMD	20mm	32	30	40	25	90
2021UMD	21mm	32	30	40	25	90
2022UMD	22mm	32	32	40	25	90
2023UMD	23mm	32	32	40	25	90
2024UMD	24mm	32	34	40	25	90



# 1/2" Drive 12-Point Standard Length Universal Impact Sockets



## 12 1/2" Drive 12-Point - Standard Length Universal - Fractional Sizes SAE

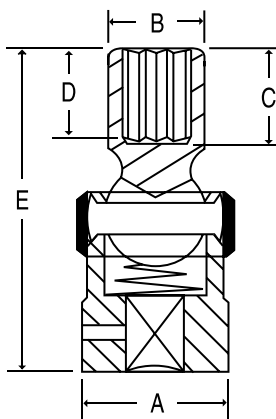


Item Number	12-Point Size	Dimensions (Inches)				
		A	B	C	D	E
2114U	7/16"	1.10	.67	.63	.51	2.56
2116U	1/2"	1.10	.75	.63	.51	2.56
2118U	9/16"	1.10	.83	.63	.51	2.56
2120U	5/8"	1.10	.91	.63	.51	2.56
2122U	11/16"	1.26	1.02	.63	.51	2.56
2124U	3/4"	1.26	1.10	.63	.51	2.56
2126U	13/16"	1.26	1.18	.63	.51	2.56
2128U	7/8"	1.26	1.26	.63	.51	2.56
2130U	15/16"	1.26	1.34	.63	.51	2.56
2132U	1"	1.26	1.42	.63	.51	2.56
2134U	1-1/16"	1.26	1.50	.63	.51	2.56
2136U	1-1/8"	1.26	1.57	.83	.71	2.76
2138U	1-3/16"	1.26	1.65	.91	.79	2.83
2140U	1-1/4"	1.26	1.73	.91	.79	2.83

ANSI Specifications B107.2

1/2"

## 12 Standard Length - Metric Sizes MM



Item Number	12-Point Size	Dimensions (Millimeters)				
		A	B	C	D	E
2110UM	10mm	28	15	16	13	65
2111UM	11mm	28	17	16	13	65
2112UM	12mm	28	19	16	13	65
2113UM	13mm	28	20	16	13	65
2114UM	14mm	28	22	16	13	65
2115UM	15mm	28	23	16	13	65
2116UM	16mm	28	23	16	13	65
2117UM	17mm	32	26	16	13	65
2118UM	18mm	32	26	16	13	65
2119UM	19mm	32	28	16	13	65
2120UM	20mm	32	30	16	13	65
2121UM	21mm	32	30	16	13	65
2122UM	22mm	32	32	16	13	65
2123UM	23mm	32	32	16	13	65
2124UM	24mm	32	34	16	13	65



# 1/2" Drive Standard Length Magnetic Impact Sockets



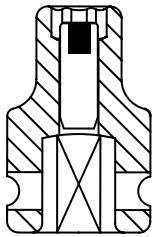
## 1/2" Drive Magnetic - Standard Length - Fractional Sizes SAE



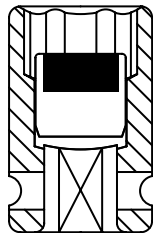
1/2"



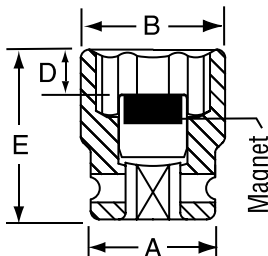
Item Number	Hex Size	Shape	Dimensions (Inches)			
			A	B	D	E
<b>2012RG</b>	<b>3/8"</b>	I	.99	.69	.16	1.50
<b>2014RG</b>	<b>7/16"</b>	I	.99	.75	.20	1.50
<b>2016RG</b>	<b>1/2"</b>	I	.99	.83	.20	1.50
<b>2018RG</b>	<b>9/16"</b>	I	.99	.91	.24	1.50
<b>2020RG</b>	<b>5/8"</b>	I	1.18	.98	.24	1.50
<b>2022RG</b>	<b>11/16"</b>	I	1.18	1.06	.24	1.50
<b>2024RG</b>	<b>3/4"</b>	I	1.18	1.14	.28	1.50
<b>2026RG</b>	<b>13/16"</b>	III	1.18	1.22	.31	1.50
<b>2028RG</b>	<b>7/8"</b>	III	1.18	1.30	.31	1.50
<b>2030RG</b>	<b>15/16"</b>	III	1.18	1.38	.39	1.77
<b>2032RG</b>	<b>1"</b>	III	1.18	1.46	.39	1.77



SHAPE I



SHAPE II



SHAPE III

## Standard Length - Metric Sizes MM

Item Number	Hex Size	Shape	Dimensions (Millimeters)			
			A	B	D	E
<b>2010MG</b>	<b>10mm</b>	I	25	17.5	4	38
<b>2011MG</b>	<b>11mm</b>	I	25	18.7	5	38
<b>2012MG</b>	<b>12mm</b>	I	25	20.0	5	38
<b>2013MG</b>	<b>13mm</b>	I	25	21.0	5	38
<b>2014MG</b>	<b>14mm</b>	I	25	22.5	6	38
<b>2015MG</b>	<b>15mm</b>	I	30	23.7	6	38
<b>2016MG</b>	<b>16mm</b>	I	30	25.0	6	38
<b>2017MG</b>	<b>17mm</b>	I	30	26.5	6	38
<b>2018MG</b>	<b>18mm</b>	I	30	27.5	7	38
<b>2019MG</b>	<b>19mm</b>	I	30	29.0	7	38
<b>2020MG</b>	<b>20mm</b>	II	30	30.0	7	38
<b>2021MG</b>	<b>21mm</b>	III	30	31.0	8	38



# 1/2" Drive Deep Length Magnetic Impact Sockets



All deep magnetic sockets feature a spring loaded magnet that retracts into the socket for extended bolt applications.



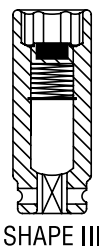
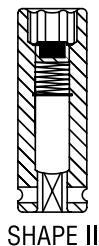
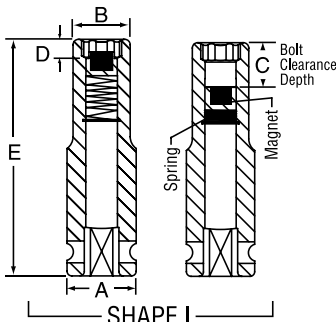
## 1/2" Drive Magnetic - Deep Length - Fractional Sizes SAE

*Magnetic*



Item Number	Hex Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
<b>2012DG</b>	<b>3/8"</b>	I	.98	.69	2.40	.20	3.07
<b>2014DG</b>	<b>7/16"</b>	I	.98	.75	2.40	.20	3.07
<b>2016DG</b>	<b>1/2"</b>	I	.98	.83	2.40	.24	3.07
<b>2018DG</b>	<b>9/16"</b>	I	.98	.91	2.40	.28	3.07
<b>2020DG</b>	<b>5/8"</b>	I	1.18	.98	2.40	.28	3.07
<b>2022DG</b>	<b>11/16"</b>	I	1.18	1.06	2.40	.28	3.07
<b>2024DG</b>	<b>3/4"</b>	I	1.18	1.14	2.40	.31	3.07
<b>2026DG</b>	<b>13/16"</b>	III	1.18	1.22	2.40	.35	3.07
<b>2028DG</b>	<b>7/8"</b>	III	1.18	1.30	2.40	.35	3.07
<b>2030DG</b>	<b>15/16"</b>	III	1.18	1.38	2.40	.43	3.07
<b>2032DG</b>	<b>1"</b>	III	1.18	1.46	2.40	.43	3.07

1/2"



## Deep Length - Metric Sizes MM

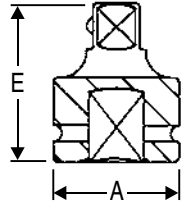
Item Number	Hex Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
<b>2010MDG</b>	<b>10mm</b>	I	25	17.5	61	5	78
<b>2011MDG</b>	<b>11mm</b>	I	25	18.7	61	5	78
<b>2012MDG</b>	<b>12mm</b>	I	25	20.0	61	6	78
<b>2013MDG</b>	<b>13mm</b>	I	25	21.0	61	6	78
<b>2014MDG</b>	<b>14mm</b>	I	25	22.5	61	7	78
<b>2015MDG</b>	<b>15mm</b>	I	30	23.7	61	7	78
<b>2016MDG</b>	<b>16mm</b>	I	30	25.0	61	7	78
<b>2017MDG</b>	<b>17mm</b>	I	30	26.5	61	7	78
<b>2018MDG</b>	<b>18mm</b>	I	30	27.5	61	8	78
<b>2019MDG</b>	<b>19mm</b>	I	30	29.0	61	8	78
<b>2020MDG</b>	<b>20mm</b>	II	30	30.0	61	8	78
<b>2021MDG</b>	<b>21mm</b>	III	30	31.0	61	9	78



# 1/2" Drive Impact Attachments



## 1/2" Drive Adapters SAE



Item Number	Female End	Male End	Socket Retention Device	Dimensions (Inches)	
				A	E
<b>*2228A</b>	<b>1/2"</b>	<b>3/8"</b>	Friction Ball	.98	1.50
<b>*2228AL</b>	<b>1/2"</b>	<b>3/8"</b>	Locking Pin	.98	1.50
<b>2238A</b>	<b>1/2"</b>	<b>3/4"</b>	Friction Ball	1.18	1.89
<b>2238AL</b>	<b>1/2"</b>	<b>3/4"</b>	Locking Pin	1.18	1.89

\* Reducing Adapters are not covered by the GP Warranty.

\* See page 179 for New Reducing Sleeve Adapters

## 1/2" Drive Extra-Long Reducing Adapters SAE

Extra-long impact socket reducing adapters, forged in a single piece for extra strength and durability.



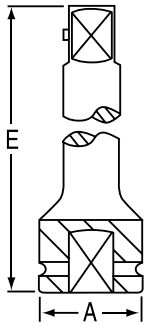
2257AL



2267AL



2277AL



Item Number	Overall Length	Female End	Male End	Socket Retention Device	Dimensions (Inches)	
					A	E
<b>*2257AL</b>	<b>18"</b>	<b>1/2"</b>	<b>3/8"</b>	Locking Pin	.98	18.11
<b>*2267AL</b>	<b>24"</b>	<b>1/2"</b>	<b>3/8"</b>	Locking Pin	.98	24.00
<b>*2277AL</b>	<b>36"</b>	<b>1/2"</b>	<b>3/8"</b>	Locking Pin	.98	36.00

\* Reducing Adapters are not covered by the GP Warranty.

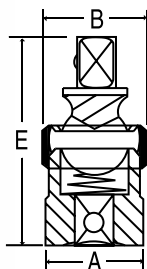
## 1/2" Drive Universal Joints SAE



2229UJ  
(Standard)



2229TUJ  
(Thin-Wall)



Item Number	Size	Socket Retention Device	Dimensions (Inches)		
			A	B	E
<b>2229UJ</b>	<b>1/2" x 1/2"</b>	Friction Ball	1.26	1.32	2.36
<b>2229UJL</b>	<b>1/2" x 1/2"</b>	Locking Pin	1.26	1.32	2.36
<b>*2229TUJ</b>	<b>1/2" x 1/2"</b>	Friction Ball	.93	1.00	2.36

\* 2229TUJ is a thin-wall design that provides extra clearance in tight spaces.

Due to the thin wall design the #2229TUJ is not covered by the GP Warranty.





# 1/2" Drive Impact Attachments



## 1/2" Drive Extensions SAE



Standard

Locking

Item Number	Description	Socket Retention Device	Dimensions (Inches)	
			A	E
<b>Standard Extensions</b>				
<b>2243E</b>	<b>3" Extension</b>	Friction Ball	.98	2.95
<b>*2243EH</b>	<b>3" H.D. Extension</b>	Friction Ball	1.18	2.95
<b>2243EL</b>	<b>3" Extension</b>	Locking Pin	.98	2.95
<b>2245E</b>	<b>5" Extension</b>	Friction Ball	.98	4.92
<b>*2245EH</b>	<b>5" H.D. Extension</b>	Friction Ball	1.18	4.92
<b>2245EL</b>	<b>5" Extension</b>	Locking Pin	.98	4.92
<b>2247E</b>	<b>7" Extension</b>	Friction Ball	.98	6.89
<b>2247EL</b>	<b>7" Extension</b>	Locking Pin	.98	6.89
<b>2210E</b>	<b>10" Extension</b>	Friction Ball	.98	9.84
<b>2210EL</b>	<b>10" Extension</b>	Locking Pin	.98	9.84
<b>Extra-Long Extensions</b>				
<b>2259EL</b>	<b>18" Extension</b>	Locking Pin	.98	18.11
<b>2269EL</b>	<b>24" Extension</b>	Locking Pin	.98	24.00
<b>2279EL</b>	<b>36" Extension</b>	Locking Pin	.98	36.00

\*Heavy Duty Extensions for severe service applications.

### Locking Extensions NEW

These locking extensions feature a positive locking ball and sliding collar for quick release of sockets and accessories. Useful in hard to reach areas where a positive lock on the socket is required.

**2203QL** 3 pc. Locking Extension Set - includes 3", 7", 12"

<b>2243QL</b>	<b>3" Locking Extension</b>	.98	2.95
<b>2247QL</b>	<b>7" Locking Extension</b>	.98	6.89
<b>2252QL</b>	<b>12" Locking Extension</b>	.98	11.81
<b>2259QL</b>	<b>18" Locking Extension</b>	.98	18.11
<b>2269QL</b>	<b>24" Locking Extension</b>	.98	24.02
<b>2279QL</b>	<b>36" Locking Extension</b>	.98	35.43

## No. 2200 1/2" Drive Impact Adapter & Extension Set SAE



### 6 piece set contents:

2228A*	1/2" F. x 3/8" M. Adapter
2238A	1/2" F. x 3/4" M. Adapter
2229UJ	1/2" x 1/2" Universal Joint
2243E	3" Extension
2245E	5" Extension
2247E	7" Extension
	Molded Storage Case

All items use the Friction Ball Retainer.

\*Reducing adapters are not covered by the GP Lifetime Warranty.

### Socket Retention Device Key for 1/2" Drive Adapters, Extensions & Universal Joints



**Do NOT** run the tool when the socket is **OFF** the fastener.



#### **FB** Friction Ball

A spring loaded steel ball that lines up with the socket retainer hole. Use caution when using this system because the socket is held in place only by spring pressure on the steel ball.

#### **LP** Locking Pin

Spring loaded pin, simply line up with socket retainer hole and press pin. To release socket, insert object through retainer hole and press pin.





# 3/4" Drive 6-Point Impact Socket Sets



## 6 No. 8029 3/4" Drive Standard Length Fractional Set SAE



### 29 piece set contents:

3024R . . . . . 3/4"	3044R . . . . . 1-3/8"	3064R . . . . . 2"
3026R . . . . . 13/16"	3046R . . . . . 1-7/16"	3066R . . . . . 2-1/16"
3028R . . . . . 7/8"	3048R . . . . . 1-1/2"	3068R . . . . . 2-1/8"
3030R . . . . . 15/16"	3050R . . . . . 1-9/16"	3070R . . . . . 2-3/16"
3032R . . . . . 1"	3052R . . . . . 1-5/8"	3072R . . . . . 2-1/4"
3034R . . . . . 1-1/16"	3054R . . . . . 1-11/16"	3074R . . . . . 2-5/16"
3036R . . . . . 1-1/8"	3056R . . . . . 1-3/4"	3076R . . . . . 2-3/8"
3038R . . . . . 1-3/16"	3058R . . . . . 1-13/16"	3078R . . . . . 2-7/16"
3040R . . . . . 1-1/4"	3060R . . . . . 1-7/8"	3080R . . . . . 2-1/2"
3042R . . . . . 1-5/16"	3062R . . . . . 1-15/16"	Molded Storage Case

## 6 No. 8029D 3/4" Drive Deep Length Fractional Set SAE



### 29 piece set contents:

3024D . . . . . 3/4"	3044D . . . . . 1-3/8"	3064D . . . . . 2"
3026D . . . . . 13/16"	3046D . . . . . 1-7/16"	3066D . . . . . 2-1/16"
3028D . . . . . 7/8"	3048D . . . . . 1-1/2"	3068D . . . . . 2-1/8"
3030D . . . . . 15/16"	3050D . . . . . 1-9/16"	3070D . . . . . 2-3/16"
3032D . . . . . 1"	3052D . . . . . 1-5/8"	3072D . . . . . 2-1/4"
3034D . . . . . 1-1/16"	3054D . . . . . 1-11/16"	3074D . . . . . 2-5/16"
3036D . . . . . 1-1/8"	3056D . . . . . 1-3/4"	3076D . . . . . 2-3/8"
3038D . . . . . 1-3/16"	3058D . . . . . 1-13/16"	3078D . . . . . 2-7/16"
3040D . . . . . 1-1/4"	3060D . . . . . 1-7/8"	3080D . . . . . 2-1/2"
3042D . . . . . 1-5/16"	3062D . . . . . 1-15/16"	Molded Storage Case

## 6 No. 8026M 3/4" Drive Standard Length Metric Set MM



### 26 piece set contents:

3019M . . . . . 19mm	3028M . . . . . 28mm	3038M . . . . . 38mm
3020M . . . . . 20mm	3029M . . . . . 29mm	3040M . . . . . 40mm
3021M . . . . . 21mm	3030M . . . . . 30mm	3041M . . . . . 41mm
3022M . . . . . 22mm	3031M . . . . . 31mm	3042M . . . . . 42mm
3023M . . . . . 23mm	3032M . . . . . 32mm	3043M . . . . . 43mm
3024M . . . . . 24mm	3033M . . . . . 33mm	3044M . . . . . 44mm
3025M . . . . . 25mm	3034M . . . . . 34mm	3046M . . . . . 46mm
3026M . . . . . 26mm	3035M . . . . . 35mm	3050M . . . . . 50mm
3027M . . . . . 27mm	3036M . . . . . 36mm	Metal Case

## 6 No. 8026MD 3/4" Drive Deep Length Metric Set MM



### 26 piece set contents:

3019MD . . . . . 19mm	3028MD . . . . . 28mm	3038MD . . . . . 38mm
3020MD . . . . . 20mm	3029MD . . . . . 29mm	3040MD . . . . . 40mm
3021MD . . . . . 21mm	3030MD . . . . . 30mm	3041MD . . . . . 41mm
3022MD . . . . . 22mm	3031MD . . . . . 31mm	3042MD . . . . . 42mm
3023MD . . . . . 23mm	3032MD . . . . . 32mm	3043MD . . . . . 43mm
3024MD . . . . . 24mm	3033MD . . . . . 33mm	3044MD . . . . . 44mm
3025MD . . . . . 25mm	3034MD . . . . . 34mm	3046MD . . . . . 46mm
3026MD . . . . . 26mm	3035MD . . . . . 35mm	3050MD . . . . . 50mm
3027MD . . . . . 27mm	3036MD . . . . . 36mm	Metal Case



# 3/4" Drive 12-Point Impact Socket Sets



## 12 No. 8129 3/4" Drive 12-Point Standard Length Fractional Set SAE



### 29 piece set contents:

3124R ..... 3/4"	3144R ..... 1-3/8"	3164R ..... 2"
3126R ..... 13/16"	3146R ..... 1-7/16"	3166R ..... 2-1/16"
3128R ..... 7/8"	3148R ..... 1-1/2"	3168R ..... 2-1/8"
3130R ..... 15/16"	3150R ..... 1-9/16"	3170R ..... 2-3/16"
3132R ..... 1"	3152R ..... 1-5/8"	3172R ..... 2-1/4"
3134R ..... 1-1/16"	3154R ..... 1-11/16"	3174R ..... 2-5/16"
3136R ..... 1-1/8"	3156R ..... 1-3/4"	3176R ..... 2-3/8"
3138R ..... 1-3/16"	3158R ..... 1-13/16"	3178R ..... 2-7/16"
3140R ..... 1-1/4"	3160R ..... 1-7/8"	3180R ..... 2-1/2"
3142R ..... 1-5/16"	3162R ..... 1-15/16"	

Metal Case

## 12 No. 8129D 3/4" Drive 12-Point Deep Length Fractional Set SAE



### 29 piece set contents:

3124D ..... 3/4"	3144D ..... 1-3/8"	3164D ..... 2"
3126D ..... 13/16"	3146D ..... 1-7/16"	3166D ..... 2-1/16"
3128D ..... 7/8"	3148D ..... 1-1/2"	3168D ..... 2-1/8"
3130D ..... 15/16"	3150D ..... 1-9/16"	3170D ..... 2-3/16"
3132D ..... 1"	3152D ..... 1-5/8"	3172D ..... 2-1/4"
3134D ..... 1-1/16"	3154D ..... 1-11/16"	3174D ..... 2-5/16"
3136D ..... 1-1/8"	3156D ..... 1-3/4"	3176D ..... 2-3/8"
3138D ..... 1-3/16"	3158D ..... 1-13/16"	3178D ..... 2-7/16"
3140D ..... 1-1/4"	3160D ..... 1-7/8"	3180D ..... 2-1/2"
3142D ..... 1-5/16"	3162D ..... 1-15/16"	

Metal Case

## 12 No. 8126M 3/4" Drive 12-Point Standard Length Metric Set MM



### 26 piece set contents:

3119M ..... 19mm	3128M ..... 28mm	3138M ..... 38mm
3120M ..... 20mm	3129M ..... 29mm	3140M ..... 40mm
3121M ..... 21mm	3130M ..... 30mm	3141M ..... 41mm
3122M ..... 22mm	3131M ..... 31mm	3142M ..... 42mm
3123M ..... 23mm	3132M ..... 32mm	3143M ..... 43mm
3124M ..... 24mm	3133M ..... 33mm	3144M ..... 44mm
3125M ..... 25mm	3134M ..... 34mm	3146M ..... 46mm
3126M ..... 26mm	3135M ..... 35mm	3150M ..... 50mm
3127M ..... 27mm	3136M ..... 36mm	

Metal Case

## 12 No. 8126MD 3/4" Drive 12-Point Deep Length Metric Set MM



### 26 piece set contents:

3119MD ..... 19mm	3128MD ..... 28mm	3138MD ..... 38mm
3120MD ..... 20mm	3129MD ..... 29mm	3140MD ..... 40mm
3121MD ..... 21mm	3130MD ..... 30mm	3141MD ..... 41mm
3122MD ..... 22mm	3131MD ..... 31mm	3142MD ..... 42mm
3123MD ..... 23mm	3132MD ..... 32mm	3143MD ..... 43mm
3124MD ..... 24mm	3133MD ..... 33mm	3144MD ..... 44mm
3125MD ..... 25mm	3134MD ..... 34mm	3146MD ..... 46mm
3126MD ..... 26mm	3135MD ..... 35mm	3150MD ..... 50mm
3127MD ..... 27mm	3136MD ..... 36mm	

Metal Case





# 3/4" Drive Impact Socket Sets



## 6 No. 8034 3/4" Drive Standard Length Fractional Set SAE



### 8 piece set contents:

3032R . . . . . 1"	3044R . . . . . 1-3/8"
3034R . . . . . 1-1/16"	3046R . . . . . 1-7/16"
3036R . . . . . 1-1/8"	3048R . . . . . 1-1/2"
3040R . . . . . 1-1/4"	Molded Storage Case
3042R . . . . . 1-5/16"	

## 6 No. 8034D 3/4" Drive Deep Length Fractional Set SAE



### 8 piece set contents:

3032D . . . . . 1"	3044D . . . . . 1-3/8"
3034D . . . . . 1-1/16"	3046D . . . . . 1-7/16"
3036D . . . . . 1-1/8"	3048D . . . . . 1-1/2"
3040D . . . . . 1-1/4"	Molded Storage Case
3042D . . . . . 1-5/16"	

## 6 No. 8134M 3/4" Drive Standard Length Metric Set MM



### 8 piece set contents:

3026M . . . . . 26mm	3035M . . . . . 35mm
3027M . . . . . 27mm	3036M . . . . . 36mm
3029M . . . . . 29mm	3038M . . . . . 38mm
3030M . . . . . 30mm	Molded Storage Case
3032M . . . . . 32mm	

## 6 No. 8134MD 3/4" Drive Deep Length Metric Set MM



### 8 piece set contents:

3026MD . . . . . 26mm	3035MD . . . . . 35mm
3027MD . . . . . 27mm	3036MD . . . . . 36mm
3029MD . . . . . 29mm	3038MD . . . . . 38mm
3030MD . . . . . 30mm	Molded Storage Case
3032MD . . . . . 32mm	

3/4"



# 3/4" Drive Impact Socket Sets



## 6 No. 8038 3/4" Drive Standard Length Fractional Set SAE



### 14 piece set contents:

3024R	3/4"	3040R	1-1/4"
3026R	13/16"	3042R	1-5/16"
3028R	7/8"	3044R	1-3/8"
3030R	15/16"	3046R	1-7/16"
3032R	1"	3048R	1-1/2"
3034R	1-1/16"	3052R	1-5/8"
3036R	1-1/8"		Molded Storage Case
3038R	1-3/16"		

3/4"

## 6 No. 8038D 3/4" Drive Deep Length Fractional Set SAE



### 14 piece set contents:

3024D	3/4"	3040D	1-1/4"
3026D	13/16"	3042D	1-5/16"
3028D	7/8"	3044D	1-3/8"
3030D	15/16"	3046D	1-7/16"
3032D	1"	3048D	1-1/2"
3034D	1-1/16"	3052D	1-5/8"
3036D	1-1/8"		Molded Storage Case
3038D	1-3/16"		

## 12 No. 8313 3/4" Drive 12-Point Standard Length Fractional Set SAE



### 13 piece set contents:

3124R	3/4"	3140R	1-1/4"
3126R	13/16"	3144R	1-3/8"
3128R	7/8"	3148R	1-1/2"
3130R	15/16"	3152R	1-5/8"
3132R	1"	3156R	1-3/4"
3134R	1-1/16"	3160R	1-7/8"
3136R	1-1/8"		Molded Storage Case





# 3/4" Drive Impact Socket Sets



## 6 No. 8032 3/4" Drive Wheel Service Set SAE MM



A complete 3/4" drive set designed for servicing truck wheels.

### 11 piece set contents:

- |                                    |  |
|------------------------------------|--|
| 3024D . . . . . 3/4" Deep          | 3038D . . . . . 1-3/16" Deep             |
| 3026D . . . . . 13/16" Deep        | 3040DT . . . . . 1-1/4" T.W. Deep        |
| 3028D . . . . . 7/8" Deep          | 3033MD . . . . . 33mm Deep               |
| 3032D . . . . . 1" Deep            | 3048DB . . . . . 1-1/2" Deep Budd        |
| 3034DT . . . . . 1-1/16" T.W. Deep | 3313S . . . . . 13/16" Square Metal Case |
| 3036DT . . . . . 1-1/8" T.W. Deep  |  |

3/4"

## 6 No. 8370 3/4" Drive Truck Pinion Locknut Set SAE



A set of seven (7) extra-thin wall deep length impact sockets for removing/installing transmission and differential end yoke locknuts\* on a wide variety of trucks. You no longer need to modify an impact socket, or purchase expensive, custom designed hand sockets to service these parts. Because of the extra-thin wall design, larger drive impact tools with reducing adapters should not be used with these impact sockets.

\*Use caution and follow the manufacturer's recommendations when servicing these parts.



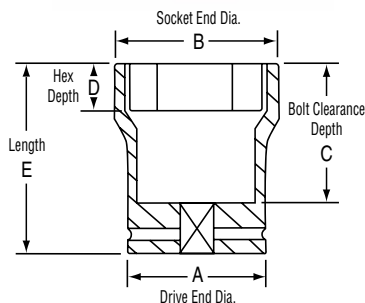
### 7 piece set contents:

- |                        |                           |
|------------------------|---------------------------|
| 3764D . . . . . 2"     | 3780D . . . . . 2-1/2"    |
| 3768D . . . . . 2-1/8" | 3784D . . . . . 2-5/8"    |
| 3772D . . . . . 2-1/4" | 3788D . . . . . 2-3/4"    |
| 3776D . . . . . 2-3/8" | Plastic Tray & Metal Case |

## 6 3/4" Drive Deep Length Truck Pinion Locknut Impact Sockets SAE MM



Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
<b>3764D</b>	<b>2"</b>	2.36	2.65	3.00	1.02	4.10
<b>3768D</b>	<b>2-1/8"</b>	2.48	2.81	3.00	1.02	4.10
<b>3772D</b>	<b>2-1/4"</b>	2.60	2.99	3.00	1.02	4.10
<b>3776D</b>	<b>2-3/8"</b>	2.76	3.15	3.00	1.02	4.10
<b>3780D</b>	<b>2-1/2"</b>	2.87	3.27	3.00	1.02	4.10
<b>3784D</b>	<b>2-5/8"</b>	2.99	3.42	3.00	1.02	4.10
<b>3788D</b>	<b>2-3/4"</b>	3.07	3.60	3.00	1.02	4.10
<b>3755M</b>	<b>55mm</b>	2.52	2.85	3.00	1.02	4.10
<b>3765M</b>	<b>65mm</b>	2.91	3.33	3.00	1.02	4.10





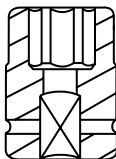
# 3/4" Drive Standard Length Impact Sockets



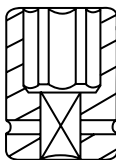
## 6 3/4" Drive - Standard Length - Fractional Sizes SAE



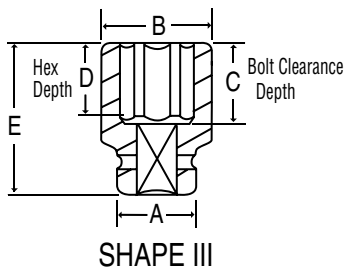
ANSI Specifications B107.2



SHAPE I



SHAPE II



SHAPE III

Item Number	Hex Size	Shape	Retaining Devices			Dimensions (Inches)				
			P	O	R1	A	B	C	D	E
<b>3016R</b>	<b>1/2"</b>	I	3220	3210	3110	1.50	0.87	0.98	0.35	1.97
<b>3018R</b>	<b>9/16"</b>	I	3220	3210	3110	1.50	1.00	0.98	0.43	1.97
<b>3020R</b>	<b>5/8"</b>	I	3220	3210	3110	1.50	1.08	0.98	0.43	1.97
<b>3022R</b>	<b>11/16"</b>	I	3220	3210	3110	1.50	1.14	0.98	0.47	1.97
<b>3024R</b>	<b>3/4"</b>	I	3220	3210	3110	1.50	1.18	0.98	0.51	1.97
<b>3026R</b>	<b>13/16"</b>	I	3220	3210	3110	1.50	1.26	1.06	0.59	2.05
<b>3028R</b>	<b>7/8"</b>	I	3220	3210	3110	1.50	1.34	1.06	0.59	2.05
<b>3030R</b>	<b>15/16"</b>	I	3220	3210	3110	1.50	1.42	1.06	0.63	2.05
<b>3032R</b>	<b>1"</b>	III	3220	3210	3110	1.50	1.57	1.06	0.63	2.05
<b>3034R</b>	<b>1-1/16"</b>	III	3220	3210	3110	1.50	1.57	1.06	0.75	2.05
<b>3036R</b>	<b>1-1/8"</b>	III	3221	3211	3111	1.65	1.65	1.06	0.83	2.05
<b>3038R</b>	<b>1-3/16"</b>	III	3221	3212	3111	1.73	1.73	1.06	0.83	2.05
<b>3040R</b>	<b>1-1/4"</b>	III	3221	3212	3111	1.73	1.73	1.06	0.87	2.05
<b>3042R</b>	<b>1-5/16"</b>	III	3221	3212	3111	1.73	1.85	1.22	0.87	2.20
<b>3044R</b>	<b>1-3/8"</b>	III	3221	3212	3111	1.73	1.97	1.22	0.87	2.20
<b>3046R</b>	<b>1-7/16"</b>	III	3221	3212	3111	1.73	2.01	1.22	0.98	2.20
<b>3048R</b>	<b>1-1/2"</b>	III	3221	3212	3111	1.73	2.09	1.22	0.98	2.20
<b>3050R</b>	<b>1-9/16"</b>	III	3221	3212	3111	1.73	2.20	1.46	0.98	2.44
<b>3052R</b>	<b>1-5/8"</b>	III	3221	3212	3111	1.73	2.28	1.46	1.06	2.44
<b>3054R</b>	<b>1-11/16"</b>	III	3221	3212	3111	1.73	2.50	1.46	1.06	2.44
<b>3056R</b>	<b>1-3/4"</b>	III	3221	3212	3111	1.73	2.56	1.46	1.06	2.44
<b>3058R</b>	<b>1-13/16"</b>	III	3221	3212	3111	1.73	2.64	1.69	1.18	2.68
<b>3060R</b>	<b>1-7/8"</b>	III	3221	3212	3111	1.73	2.68	1.69	1.18	2.68
<b>3062R</b>	<b>1-15/16"</b>	III	3221	3212	3111	1.73	2.76	1.77	1.18	2.76
<b>3064R</b>	<b>2"</b>	III	4520	4511	3112	2.13	2.80	1.85	1.26	2.83
<b>3066R</b>	<b>2-1/16"</b>	III	4520	4511	3112	2.13	2.91	1.85	1.26	2.83
<b>3068R</b>	<b>2-1/8"</b>	III	4520	4511	3112	2.13	3.03	1.85	1.26	2.83
<b>3070R</b>	<b>2-3/16"</b>	III	4520	4511	3112	2.13	3.03	1.93	1.38	2.91
<b>3072R</b>	<b>2-1/4"</b>	III	4520	4511	3112	2.13	3.15	1.93	1.38	2.91
<b>3074R</b>	<b>2-5/16"</b>	III	4520	4511	3112	2.13	3.23	1.97	1.46	2.95
<b>3076R</b>	<b>2-3/8"</b>	III	4520	4511	3112	2.13	3.31	1.97	1.46	2.95
<b>3078R</b>	<b>2-7/16"</b>	III	4520	4511	3112	2.13	3.39	1.97	1.46	2.95
<b>3080R</b>	<b>2-1/2"</b>	III	4520	4511	3112	2.13	3.46	1.97	1.46	2.95
<b>3082R</b>	<b>2-9/16"</b>	III	4520	4511	3112	2.13	3.54	2.09	1.57	3.07
<b>3084R</b>	<b>2-5/8"</b>	III	4520	4511	3112	2.13	3.62	2.17	1.57	3.15
<b>3086R</b>	<b>2-11/16"</b>	III	4520	4511	3112	2.13	3.70	2.17	1.57	3.15
<b>3088R</b>	<b>2-3/4"</b>	III	4520	4511	3112	2.13	3.78	2.17	1.57	3.15
<b>3090R</b>	<b>2-13/16"</b>	III	4520	4511	3112	2.13	3.86	2.28	1.65	3.27
<b>3092R</b>	<b>2-7/8"</b>	III	4520	4511	3112	2.13	3.94	2.28	1.65	3.27
<b>3094R</b>	<b>2-15/16"</b>	III	4521	4512	-	2.52	4.02	2.28	1.65	3.27
<b>3096R</b>	<b>3"</b>	III	4521	4512	-	2.52	4.09	2.36	1.77	3.35

3/4"

### Retaining Devices Key





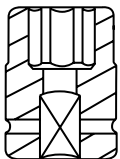
# 3/4" Drive Standard Length Impact Sockets



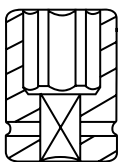
## 6 3/4" Drive - Standard Length - Metric Sizes ▲ MM



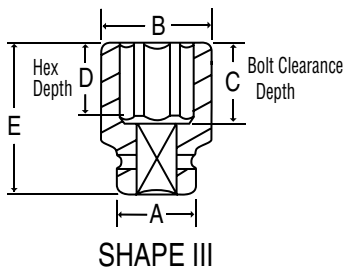
ANSI Specifications B107.2



SHAPE I



SHAPE II



SHAPE III

Item Number	Hex Size	Shape	Retaining Devices			Dimensions (Millimeters)				
			P	O	R1	A	B	C	D	E
<b>3019M</b>	<b>19mm</b>	I	3220	3210	3110	38	30	25	13	50
<b>3020M</b>	<b>20mm</b>	I	3220	3210	3110	38	31	27	14	52
<b>3021M</b>	<b>21mm</b>	I	3220	3210	3110	38	32	27	15	52
<b>3022M</b>	<b>22mm</b>	I	3220	3210	3110	38	34	27	15	52
<b>3023M</b>	<b>23mm</b>	I	3220	3210	3110	38	35	27	16	52
<b>3024M</b>	<b>24mm</b>	I	3220	3210	3110	38	36	27	16	52
<b>3025M</b>	<b>25mm</b>	II	3220	3210	3110	38	38	27	16	52
<b>3026M</b>	<b>26mm</b>	III	3220	3210	3110	38	40	27	16	52
<b>3027M</b>	<b>27mm</b>	III	3220	3210	3110	38	40	27	19	52
<b>3028M</b>	<b>28mm</b>	II	3221	3211	3111	42	42	27	19	52
<b>3029M</b>	<b>29mm</b>	II	3221	3211	3111	42	42	27	21	52
<b>3030M</b>	<b>30mm</b>	II	3221	3212	3111	44	44	27	21	52
<b>3031M</b>	<b>31mm</b>	II	3221	3212	3111	44	44	27	21	52
<b>3032M</b>	<b>32mm</b>	II	3221	3212	3111	44	44	27	22	52
<b>3033M</b>	<b>33mm</b>	III	3221	3212	3111	44	47	31	22	52
<b>3034M</b>	<b>34mm</b>	III	3221	3212	3111	44	48	31	22	56
<b>3035M</b>	<b>35mm</b>	III	3221	3212	3111	44	50	31	22	56
<b>3036M</b>	<b>36mm</b>	III	3221	3212	3111	44	51	31	25	56
<b>3038M</b>	<b>38mm</b>	III	3221	3212	3111	44	53	31	25	56
<b>3040M</b>	<b>40mm</b>	III	3221	3212	3111	44	56	37	25	62
<b>3041M</b>	<b>41mm</b>	III	3221	3212	3111	44	58	37	27	62
<b>3042M</b>	<b>42mm</b>	III	3221	3212	3111	44	61	37	27	62
<b>3043M</b>	<b>43mm</b>	III	3221	3212	3111	44	63	38	27	63
<b>3044M</b>	<b>44mm</b>	III	3221	3212	3111	44	65	38	27	63
<b>3046M</b>	<b>46mm</b>	III	3221	3212	3111	44	67	38	30	63
<b>3050M</b>	<b>50mm</b>	III	4520	4511	3112	54	71	47	32	72

**Retaining Devices Key**

<b>P</b> 	<b>O</b> 	<b>R1</b> 
<b>Pin and O-Ring</b>		<b>One Piece</b>





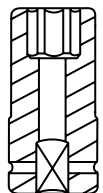
# 3/4" Drive Deep Length Impact Sockets



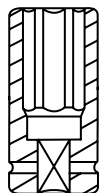
## 6 3/4" Drive - Deep Length - Fractional Sizes SAE



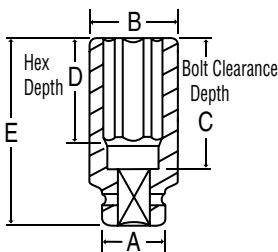
ANSI Specifications B107.2



SHAPE I



SHAPE II



SHAPE III

Item Number	Hex Size	Shape	Retaining Devices			Dimensions (Inches)				
			P	O	R1	A	B	C	D	E
3016D	1/2"	I	3220	3210	3110	1.50	0.87	2.36	0.51	3.35
3018D	9/16"	I	3220	3210	3110	1.50	1.00	2.36	0.55	3.35
3020D	5/8"	I	3220	3210	3110	1.50	1.08	2.36	0.63	3.35
3022D	11/16"	I	3220	3210	3110	1.50	1.14	2.36	0.67	3.35
3024D	3/4"	I	3220	3210	3110	1.50	1.18	2.36	0.75	3.35
3026D	13/16"	I	3220	3210	3110	1.50	1.26	2.36	0.87	3.35
3028D	7/8"	I	3220	3210	3110	1.50	1.34	2.36	0.87	3.35
3030D	15/16"	I	3220	3210	3110	1.50	1.42	2.36	0.94	3.35
3032D	1"	III	3220	3210	3110	1.50	1.57	2.36	0.98	3.35
3034D	1-1/16"	III	3220	3210	3110	1.50	1.57	2.36	1.06	3.35
3036D	1-1/8"	II	3221	3211	3111	1.65	1.65	2.36	1.14	3.35
3038D	1-3/16"	II	3221	3212	3111	1.73	1.73	2.36	1.18	3.35
3040D	1-1/4"	III	3221	3212	3111	1.73	1.93	2.36	1.26	3.35
3042D	1-5/16"	III	3221	3212	3111	1.73	1.97	2.36	1.34	3.35
3044D	1-3/8"	III	3221	3212	3111	1.73	1.97	2.36	1.38	3.35
3046D	1-7/16"	III	3221	3212	3111	1.73	2.01	2.36	1.46	3.35
3048D	1-1/2"	III	3221	3212	3111	1.73	2.28	2.76	1.50	3.74
3050D	1-9/16"	III	3221	3212	3111	1.73	2.28	2.76	1.50	3.74
3052D	1-5/8"	III	3221	3212	3111	1.73	2.36	2.76	1.50	3.74
3054D	1-11/16"	III	3221	3212	3111	1.73	2.48	2.76	1.50	3.74
3056D	1-3/4"	III	3221	3212	3111	1.73	2.56	2.76	1.50	3.74
3058D	1-13/16"	III	3221	3212	3111	1.73	2.64	2.76	1.50	3.74
3060D	1-7/8"	III	3221	3212	3111	1.73	2.68	2.76	1.50	3.74
3062D	1-15/16"	III	3221	3212	3111	1.73	2.76	2.76	1.50	3.74
3064D	2"	III	4520	4511	3112	2.13	2.80	2.76	1.57	3.74
3066D	2-1/16"	III	4520	4511	3112	2.13	2.91	2.76	1.57	3.74
3068D	2-1/8"	III	4520	4511	3112	2.13	3.03	2.76	1.57	3.74
3070D	2-3/16"	III	4520	4511	3112	2.13	3.03	2.95	1.57	3.94
3072D	2-1/4"	III	4520	4511	3112	2.13	3.15	2.95	1.57	3.94
3074D	2-5/16"	III	4520	4511	3112	2.13	3.23	2.95	1.57	3.94
3076D	2-3/8"	III	4520	4511	3112	2.13	3.31	3.15	1.65	4.13
3078D	2-7/16"	III	4520	4511	3112	2.13	3.39	3.15	1.65	4.13
3080D	2-1/2"	III	4520	4511	3112	2.13	3.46	3.15	1.65	4.13
3082D	2-9/16"	III	4520	4511	3112	2.13	3.54	3.15	2.60	4.13
3084D	2-5/8"	III	4520	4511	3112	2.13	3.62	3.15	2.60	4.13
3086D	2-11/16"	III	4520	4511	3112	2.13	3.70	3.15	2.60	4.13
3088D	2-3/4"	III	4520	4511	3112	2.13	3.78	3.15	2.60	4.13
3090D	2-13/16"	III	4520	4511	3112	2.13	3.86	3.27	2.68	4.25
3092D	2-7/8"	III	4520	4511	3112	2.13	3.94	3.27	2.68	4.25
3094D	2-15/16"	III	4521	4512	-	2.52	4.02	3.27	2.68	4.25
3096D	3"	III	4521	4512	-	2.52	4.09	3.35	2.76	4.33

3/4"

**Retaining Devices Key**

<b>P</b> 	<b>O</b> 	<b>R1</b> 
<b>Pin and O-Ring</b>		<b>One Piece</b>



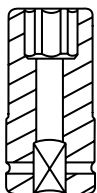
# 3/4" Drive Deep Length Impact Sockets



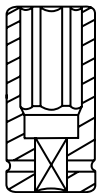
## 6 3/4" Drive - Deep Length - Metric Sizes ▲ MM



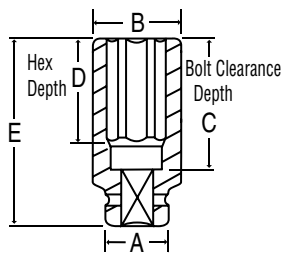
ANSI Specifications B107.2



SHAPE I



SHAPE II



SHAPE III

Item Number	Hex Size	Shape	Retaining Devices			Dimensions (Millimeters)				
			P	O	R1	A	B	C	D	E
<b>3019MD</b>	<b>19mm</b>	I	3220	3210	3110	38	30	60	19	85
<b>3020MD</b>	<b>20mm</b>	I	3220	3210	3110	38	31	60	20	85
<b>3021MD</b>	<b>21mm</b>	I	3220	3210	3110	38	32	60	21	85
<b>3022MD</b>	<b>22mm</b>	I	3220	3210	3110	38	34	60	22	85
<b>3023MD</b>	<b>23mm</b>	I	3220	3210	3110	38	35	60	23	85
<b>3024MD</b>	<b>24mm</b>	I	3220	3210	3110	38	36	60	24	85
<b>3025MD</b>	<b>25mm</b>	II	3220	3210	3110	38	38	60	25	85
<b>3026MD</b>	<b>26mm</b>	III	3220	3210	3110	38	40	60	26	85
<b>3027MD</b>	<b>27mm</b>	III	3220	3210	3110	38	40	60	27	85
<b>3028MD</b>	<b>28mm</b>	II	3221	3211	3111	42	42	60	28	85
<b>3029MD</b>	<b>29mm</b>	II	3221	3211	3111	42	42	60	29	85
<b>3030MD</b>	<b>30mm</b>	II	3221	3212	3111	44	44	60	30	85
<b>3031MD</b>	<b>31mm</b>	II	3221	3212	3111	44	44	60	31	85
<b>3032MD</b>	<b>32mm</b>	III	3221	3212	3111	44	49	60	32	85
<b>3033MD</b>	<b>33mm</b>	III	3221	3212	3111	44	50	60	33	85
<b>*3033MHD</b>	<b>33mm</b>	III	3221	3212	3111	44	51	70	33	95
<b>3034MD</b>	<b>34mm</b>	III	3221	3212	3111	44	50	60	34	85
<b>3035MD</b>	<b>35mm</b>	III	3221	3212	3111	44	50	60	35	85
<b>3036MD</b>	<b>36mm</b>	III	3221	3212	3111	44	51	60	36	85
<b>3038MD</b>	<b>38mm</b>	III	3221	3212	3111	44	57	70	38	95
<b>3040MD</b>	<b>40mm</b>	III	3221	3212	3111	44	58	70	38	95
<b>3041MD</b>	<b>41mm</b>	III	3221	3212	3111	44	58	70	38	95
<b>3042MD</b>	<b>42mm</b>	III	3221	3212	3111	44	62	70	38	95
<b>3043MD</b>	<b>43mm</b>	III	3221	3212	3111	44	63	70	38	95
<b>3044MD</b>	<b>44mm</b>	III	3221	3212	3111	44	65	70	38	95
<b>3046MD</b>	<b>46mm</b>	III	3221	3212	3111	44	67	70	38	95
<b>3050MD</b>	<b>50mm</b>	III	4520	4511	3112	54	71	70	38	95

\*Heavy Duty Impact Socket for Hub-Piloted Truck Wheel Fasteners

### Retaining Devices Key



Pin and O-Ring

One Piece





# 3/4" Drive 12-Point Standard Length Impact Sockets

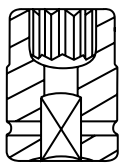


## 12 3/4" Drive 12-Point - Standard Length - Fractional Sizes SAE

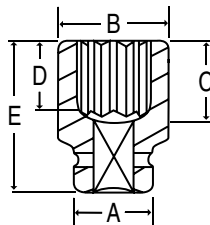


Item Number	12-Point Size	Shape	Retaining Devices			Dimensions (Inches)				
			P	O	R1	A	B	C	D	E
<b>3124R</b>	<b>3/4"</b>	I	3221	3212	3111	1.73	1.30	0.98	0.51	1.97
<b>3126R</b>	<b>13/16"</b>	I	3221	3212	3111	1.73	1.38	0.98	0.59	1.97
<b>3128R</b>	<b>7/8"</b>	I	3221	3212	3111	1.73	1.46	0.98	0.59	1.97
<b>3130R</b>	<b>15/16"</b>	I	3221	3212	3111	1.73	1.54	0.98	0.71	1.97
<b>3132R</b>	<b>1"</b>	I	3221	3212	3111	1.73	1.61	0.98	0.71	1.97
<b>3134R</b>	<b>1-1/16"</b>	III	3221	3212	3111	1.73	1.69	1.14	0.75	2.13
<b>3136R</b>	<b>1-1/8"</b>	III	3221	3212	3111	1.73	1.75	1.14	0.83	2.13
<b>3138R</b>	<b>1-3/16"</b>	III	3221	3212	3111	1.73	1.85	1.14	0.83	2.13
<b>3140R</b>	<b>1-1/4"</b>	III	3221	3212	3111	1.73	1.93	1.22	0.87	2.20
<b>3142R</b>	<b>1-5/16"</b>	III	3221	3212	3111	1.73	2.01	1.22	0.87	2.20
<b>3144R</b>	<b>1-3/8"</b>	III	3221	3212	3111	1.73	2.09	1.22	0.87	2.20
<b>3146R</b>	<b>1-7/16"</b>	III	3221	3212	3111	1.73	2.17	1.22	0.98	2.20
<b>3148R</b>	<b>1-1/2"</b>	III	3221	3212	3111	1.73	2.24	1.30	0.98	2.28
<b>3150R</b>	<b>1-9/16"</b>	III	3221	3212	3111	1.73	2.32	1.30	0.98	2.28
<b>3152R</b>	<b>1-5/8"</b>	III	3221	3212	3111	1.73	2.40	1.30	1.06	2.28
<b>3154R</b>	<b>1-11/16"</b>	III	3221	3212	3111	1.73	2.50	1.50	1.06	2.48
<b>3156R</b>	<b>1-3/4"</b>	III	3221	3212	3111	1.73	2.54	1.50	1.06	2.48
<b>3158R</b>	<b>1-13/16"</b>	III	3221	3212	3111	1.73	2.64	1.50	1.18	2.48
<b>3160R</b>	<b>1-7/8"</b>	III	3221	3212	3111	1.73	2.68	1.69	1.18	2.68
<b>3162R</b>	<b>1-15/16"</b>	III	3221	3212	3111	1.73	2.76	1.77	1.18	2.76
<b>3164R</b>	<b>2"</b>	III	4520	4511	3112	2.13	2.83	1.85	1.26	2.83
<b>3166R</b>	<b>2-1/16"</b>	III	4520	4511	3112	2.13	2.91	1.85	1.26	2.83
<b>3168R</b>	<b>2-1/8"</b>	III	4520	4511	3112	2.13	3.03	1.85	1.26	2.83
<b>3170R</b>	<b>2-3/16"</b>	III	4520	4511	3112	2.13	3.09	1.93	1.38	2.91
<b>3172R</b>	<b>2-1/4"</b>	III	4520	4511	3112	2.13	3.15	1.93	1.38	2.91
<b>3174R</b>	<b>2-5/16"</b>	III	4520	4511	3112	2.13	3.23	1.97	1.46	2.95
<b>3176R</b>	<b>2-3/8"</b>	III	4520	4511	3112	2.13	3.31	1.97	1.46	2.95
<b>3178R</b>	<b>2-7/16"</b>	III	4520	4511	3112	2.13	3.39	1.97	1.46	2.95
<b>3180R</b>	<b>2-1/2"</b>	III	4520	4511	3112	2.13	3.46	1.97	1.46	2.95

3/4"



SHAPE I



SHAPE III

**Retaining Devices Key**

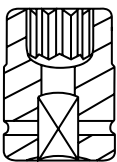
<b>P</b> 	<b>O</b> 	<b>R1</b> 
<b>Pin and O-Ring</b>		<b>One Piece</b>



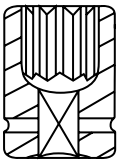
# 3/4" Drive 12-Point Standard Length Impact Sockets



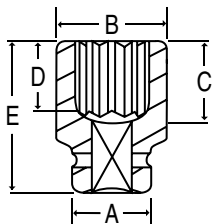
## 12 3/4" Drive 12-Point - Standard Length - Metric Sizes



SHAPE I



SHAPE II



SHAPE III

Item Number	12-Point Size	Shape	Retaining Devices			Dimensions (Millimeters)				
			P	O	RI	A	B	C	D	E
<b>3119M</b>	<b>19mm</b>	I	3221	3212	3111	44	33.0	25	13	50
<b>3120M</b>	<b>20mm</b>	I	3221	3212	3111	44	34.0	25	14	50
<b>3121M</b>	<b>21mm</b>	I	3221	3212	3111	44	35.0	25	15	50
<b>3122M</b>	<b>22mm</b>	I	3221	3212	3111	44	37.0	25	15	50
<b>3123M</b>	<b>23mm</b>	I	3221	3212	3111	44	38.0	25	16	50
<b>3124M</b>	<b>24mm</b>	I	3221	3212	3111	44	39.0	25	18	50
<b>3125M</b>	<b>25mm</b>	I	3221	3212	3111	44	41.0	25	18	50
<b>3126M</b>	<b>26mm</b>	I	3221	3212	3111	44	42.0	25	18	50
<b>3127M</b>	<b>27mm</b>	I	3221	3212	3111	44	43.0	29	19	54
<b>3128M</b>	<b>28mm</b>	II	3221	3212	3111	44	44.0	29	19	54
<b>3129M</b>	<b>29mm</b>	III	3221	3212	3111	44	45.0	29	21	54
<b>3130M</b>	<b>30mm</b>	III	3221	3212	3111	44	47.0	29	21	54
<b>3131M</b>	<b>31mm</b>	III	3221	3212	3111	44	48.0	31	21	56
<b>3132M</b>	<b>32mm</b>	III	3221	3212	3111	44	49.0	31	22	56
<b>3133M</b>	<b>33mm</b>	III	3221	3212	3111	44	51.0	31	22	56
<b>3134M</b>	<b>34mm</b>	III	3221	3212	3111	44	52.0	31	22	56
<b>3135M</b>	<b>35mm</b>	III	3221	3212	3111	44	53.0	31	22	56
<b>3136M</b>	<b>36mm</b>	III	3221	3212	3111	44	54.0	31	25	56
<b>3138M</b>	<b>38mm</b>	III	3221	3212	3111	44	57.0	33	25	58
<b>3140M</b>	<b>40mm</b>	III	3221	3212	3111	44	59.0	33	25	58
<b>3141M</b>	<b>41mm</b>	III	3221	3212	3111	44	60.0	33	27	58
<b>3142M</b>	<b>42mm</b>	III	3221	3212	3111	44	62.0	33	27	58
<b>3143M</b>	<b>43mm</b>	III	3221	3212	3111	44	63.5	38	27	63
<b>3144M</b>	<b>44mm</b>	III	3221	3212	3111	44	64.5	38	27	63
<b>3146M</b>	<b>46mm</b>	III	3221	3212	3111	44	67.0	38	30	63
<b>3150M</b>	<b>50mm</b>	III	4520	4511	3112	54	71.0	47	32	72

### Retaining Devices Key



Pin and O-Ring

One Piece



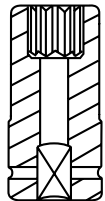
# 3/4" Drive 12-Point Deep Length Impact Sockets



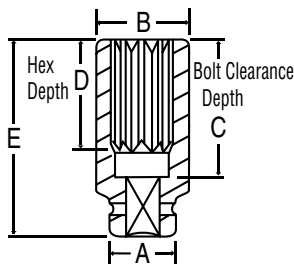
12

## 3/4" Drive 12-Point - Deep Length - Fractional Sizes

SAE



SHAPE I



SHAPE III

Item Number	12-Point Size	Shape	Retaining Devices			Dimensions (Inches)				
			P	O	R1	A	B	C	D	E
3124D	3/4"	I	3221	3212	3111	1.73	1.30	2.76	0.75	3.74
3126D	13/16"	I	3221	3212	3111	1.73	1.38	2.76	0.87	3.74
3128D	7/8"	I	3221	3212	3111	1.73	1.46	2.76	0.87	3.74
3130D	15/16"	I	3221	3212	3111	1.73	1.54	2.76	0.94	3.74
3132D	1"	I	3221	3212	3111	1.73	1.61	2.76	0.98	3.74
3134D	1-1/16"	III	3221	3212	3111	1.73	1.69	2.76	1.06	3.74
3136D	1-1/8"	III	3221	3212	3111	1.73	1.75	2.76	1.14	3.74
3138D	1-3/16"	III	3221	3212	3111	1.73	1.85	2.76	1.18	3.74
3140D	1-1/4"	III	3221	3212	3111	1.73	1.93	2.76	1.26	3.74
3142D	1-5/16"	III	3221	3212	3111	1.73	2.01	2.76	1.34	3.74
3144D	1-3/8"	III	3221	3212	3111	1.73	2.09	2.76	1.38	3.74
3146D	1-7/16"	III	3221	3212	3111	1.73	2.17	2.76	1.46	3.74
3148D	1-1/2"	III	3221	3212	3111	1.73	2.24	2.76	1.50	3.74
3150D	1-9/16"	III	3221	3212	3111	1.73	2.32	2.76	1.50	3.74
3152D	1-5/8"	III	3221	3212	3111	1.73	2.40	2.76	1.50	3.74
3154D	1-11/16"	III	3221	3212	3111	1.73	2.50	2.76	1.50	3.74
3156D	1-3/4"	III	3221	3212	3111	1.73	2.54	2.76	1.50	3.74
3158D	1-13/16"	III	3221	3212	3111	1.73	2.64	2.95	1.50	3.94
3160D	1-7/8"	III	3221	3212	3111	1.73	2.68	2.95	1.50	3.94
3162D	1-15/16"	III	3221	3212	3111	1.73	2.76	2.95	1.50	3.94
3164D	2"	III	4520	4511	3112	2.13	2.83	2.95	1.57	3.94
3166D	2-1/16"	III	4520	4511	3112	2.13	2.91	2.95	1.57	3.94
3168D	2-1/8"	III	4520	4511	3112	2.13	3.03	2.95	1.57	3.94
3170D	2-3/16"	III	4520	4511	3112	2.13	3.09	3.15	1.57	4.13
3172D	2-1/4"	III	4520	4511	3112	2.13	3.15	3.15	1.57	4.13
3174D	2-5/16"	III	4520	4511	3112	2.13	3.23	3.15	1.57	4.13
3176D	2-3/8"	III	4520	4511	3112	2.13	3.31	3.15	1.65	4.13
3178D	2-7/16"	III	4520	4511	3112	2.13	3.39	3.15	1.65	4.13
3180D	2-1/2"	III	4520	4511	3112	2.13	3.46	3.15	1.65	4.13

3/4"

**Retaining Devices Key**

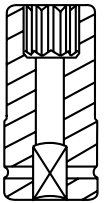
<b>P</b> 	<b>O</b> 	<b>R1</b> 
Pin and O-Ring		One Piece



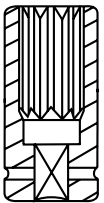
# 3/4" Drive 12-Point Deep Length Impact Sockets



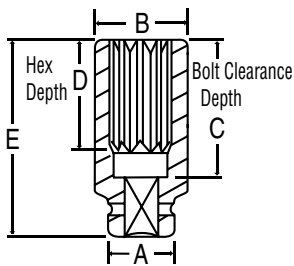
## 12 3/4" Drive 12-Point - Deep Length - Metric Sizes ▲ MM



SHAPE I





SHAPE II



SHAPE III

Item Number	12-Point Size	Shape	Retaining Devices			Dimensions (Millimeters)				
			P	O	RI	A	B	C	D	E
<b>3119MD</b>	<b>19mm</b>	I	3221	3212	3111	44	33.0	70	19	95
<b>3120MD</b>	<b>20mm</b>	I	3221	3212	3111	44	34.0	70	20	95
<b>3121MD</b>	<b>21mm</b>	I	3221	3212	3111	44	35.0	70	21	95
<b>3122MD</b>	<b>22mm</b>	I	3221	3212	3111	44	37.0	70	22	95
<b>3123MD</b>	<b>23mm</b>	I	3221	3212	3111	44	38.0	70	23	95
<b>3124MD</b>	<b>24mm</b>	I	3221	3212	3111	44	39.0	70	24	95
<b>3125MD</b>	<b>25mm</b>	I	3221	3212	3111	44	41.0	70	25	95
<b>3126MD</b>	<b>26mm</b>	I	3221	3212	3111	44	42.0	70	26	95
<b>3127MD</b>	<b>27mm</b>	I	3221	3212	3111	44	43.0	70	27	95
<b>3128MD</b>	<b>28mm</b>	II	3221	3212	3111	44	44.0	70	28	95
<b>3129MD</b>	<b>29mm</b>	III	3221	3212	3111	44	45.0	70	29	95
<b>3130MD</b>	<b>30mm</b>	III	3221	3212	3111	44	47.0	70	30	95
<b>3131MD</b>	<b>31mm</b>	III	3221	3212	3111	44	48.0	70	31	95
<b>3132MD</b>	<b>32mm</b>	III	3221	3212	3111	44	49.0	70	32	95
<b>3133MD</b>	<b>33mm</b>	III	3221	3212	3111	44	51.0	70	33	95
<b>3134MD</b>	<b>34mm</b>	III	3221	3212	3111	44	52.0	70	34	95
<b>3135MD</b>	<b>35mm</b>	III	3221	3212	3111	44	53.0	70	35	95
<b>3136MD</b>	<b>36mm</b>	III	3221	3212	3111	44	54.0	70	36	95
<b>3138MD</b>	<b>38mm</b>	III	3221	3212	3111	44	57.0	70	38	95
<b>3140MD</b>	<b>40mm</b>	III	3221	3212	3111	44	59.0	70	38	95
<b>3141MD</b>	<b>41mm</b>	III	3221	3212	3111	44	60.0	70	38	95
<b>3142MD</b>	<b>42mm</b>	III	3221	3212	3111	44	62.0	70	38	95
<b>3143MD</b>	<b>43mm</b>	III	3221	3212	3111	44	63.5	70	38	95
<b>3144MD</b>	<b>44mm</b>	III	3221	3212	3111	44	64.5	70	38	95
<b>3146MD</b>	<b>46mm</b>	III	3221	3212	3111	44	67.0	75	38	100
<b>3150MD</b>	<b>50mm</b>	III	4520	4511	3112	54	71.0	75	38	100

**Retaining Devices Key**

<b>P</b> 	<b>O</b> 	<b>RI</b> 
<b>Pin and O-Ring</b>		<b>One Piece</b>



# 3/4" Drive Universal Impact Sockets



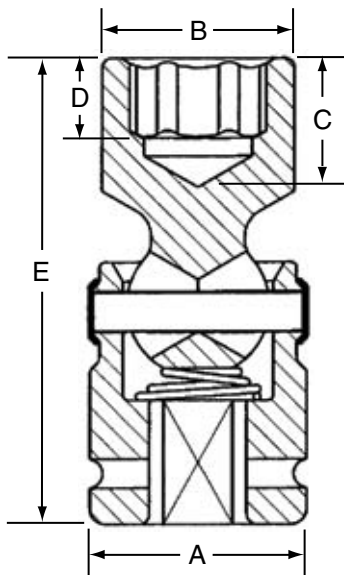
## 6 3/4" Drive - Universal - Fractional Sizes SAE



Item Number	Hex Size	Retaining Devices			Dimensions (Inches)				
		P	O	R1	A	B	C	D	E
<b>3024U</b>	<b>3/4"</b>	3221	3212	3111	1.73	1.26	0.79	0.51	3.74
<b>3026U</b>	<b>13/16"</b>	3221	3212	3111	1.73	1.38	0.79	0.55	3.74
<b>3028U</b>	<b>7/8"</b>	3221	3212	3111	1.73	1.46	0.79	0.55	3.74
<b>3030U</b>	<b>15/16"</b>	3221	3212	3111	1.73	1.54	0.79	0.59	3.74
<b>3032U</b>	<b>1"</b>	3221	3212	3111	1.73	1.61	0.91	0.63	3.94
<b>3034U</b>	<b>1-1/16"</b>	3221	3212	3111	1.73	1.69	0.91	0.67	3.94
<b>3036U</b>	<b>1-1/8"</b>	3221	3212	3111	1.73	1.73	0.91	0.71	3.94
<b>3038U</b>	<b>1-3/16"</b>	3221	3212	3111	1.73	1.85	0.91	0.71	3.94
<b>3040U</b>	<b>1-1/4"</b>	3221	3212	3111	1.73	1.93	1.06	0.79	4.13
<b>3042U</b>	<b>1-5/16"</b>	3221	3212	3111	1.73	2.01	1.06	0.83	4.13
<b>3044U</b>	<b>1-3/8"</b>	3221	3212	3111	1.73	2.09	1.06	0.87	4.13
<b>3046U</b>	<b>1-7/16"</b>	3221	3212	3111	1.73	2.13	1.14	0.91	4.33
<b>3048U</b>	<b>1-1/2"</b>	3221	3212	3111	1.73	2.24	1.14	0.94	4.33
<b>3050U</b>	<b>1-9/16"</b>	3221	3212	3111	1.73	2.36	1.14	0.94	4.33
<b>3052U</b>	<b>1-5/8"</b>	3221	3212	3111	1.73	2.36	1.38	1.06	4.53
<b>3054U</b>	<b>1-11/16"</b>	3221	3212	3111	1.73	2.50	1.38	1.06	4.53
<b>3056U</b>	<b>1-3/4"</b>	3221	3212	3111	1.73	2.54	1.38	1.18	4.53
<b>3058U</b>	<b>1-13/16"</b>	3221	3212	3111	1.73	2.62	1.38	1.18	4.53
<b>3060U</b>	<b>1-7/8"</b>	3221	3212	3111	1.73	2.68	1.38	1.18	4.53

3/4"

## 6 Universal - Metric Sizes MM



Item Number	Hex Size	Retaining Devices			Dimensions (Millimeters)				
		P	O	R1	A	B	C	D	E
<b>3019UM</b>	<b>19mm</b>	3221	3212	3111	44	32.0	20	13	95
<b>3020UM</b>	<b>20mm</b>	3221	3212	3111	44	34.0	20	14	95
<b>3021UM</b>	<b>21mm</b>	3221	3212	3111	44	35.0	20	14	95
<b>3022UM</b>	<b>22mm</b>	3221	3212	3111	44	37.0	20	14	95
<b>3023UM</b>	<b>23mm</b>	3221	3212	3111	44	38.0	20	14	95
<b>3024UM</b>	<b>24mm</b>	3221	3212	3111	44	39.0	20	15	95
<b>3025UM</b>	<b>25mm</b>	3221	3212	3111	44	41.0	23	16	100
<b>3026UM</b>	<b>26mm</b>	3221	3212	3111	44	42.0	23	16	100
<b>3027UM</b>	<b>27mm</b>	3221	3212	3111	44	43.0	23	17	100
<b>3028UM</b>	<b>28mm</b>	3221	3212	3111	44	44.0	23	18	100
<b>3029UM</b>	<b>29mm</b>	3221	3212	3111	44	46.0	23	18	100
<b>3030UM</b>	<b>30mm</b>	3221	3212	3111	44	47.0	23	18	100
<b>3031UM</b>	<b>31mm</b>	3221	3212	3111	44	48.0	27	19	105
<b>3032UM</b>	<b>32mm</b>	3221	3212	3111	44	49.0	27	20	105
<b>3033UM</b>	<b>33mm</b>	3221	3212	3111	44	51.0	27	21	105
<b>3034UM</b>	<b>34mm</b>	3221	3212	3111	44	52.0	27	22	105
<b>3035UM</b>	<b>35mm</b>	3221	3212	3111	44	53.0	27	22	105
<b>3036UM</b>	<b>36mm</b>	3221	3212	3111	44	54.0	29	23	110
<b>3037UM</b>	<b>37mm</b>	3221	3212	3111	44	56.0	29	24	110
<b>3038UM</b>	<b>38mm</b>	3221	3212	3111	44	57.0	29	24	110
<b>3039UM</b>	<b>39mm</b>	3221	3212	3111	44	59.0	29	24	110
<b>3040UM</b>	<b>40mm</b>	3221	3212	3111	44	60.0	29	24	110
<b>3041UM</b>	<b>41mm</b>	3221	3212	3111	44	60.0	35	27	115
<b>3042UM</b>	<b>42mm</b>	3221	3212	3111	44	62.0	35	27	115
<b>3043UM</b>	<b>43mm</b>	3221	3212	3111	44	63.5	35	27	115
<b>3044UM</b>	<b>44mm</b>	3221	3212	3111	44	64.5	35	30	115
<b>3045UM</b>	<b>45mm</b>	3221	3212	3111	44	66.0	35	30	115
<b>3046UM</b>	<b>46mm</b>	3221	3212	3111	44	66.5	35	30	115



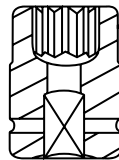
# 3/4" Drive 8-Point Impact Sockets



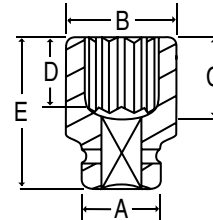
## 8 3/4" Drive 8-Point - Standard Length - Fractional Sizes SAE



Item Number	8-Point Size	Shape	Retaining Devices			Dimensions (Inches)				
			P	O	RI	A	B	C	D	E
<b>3524S</b>	3/4"	I	3220	3210	3110	1.57	1.57	0.98	0.51	1.97
<b>3526S</b>	13/16"	I	3221	3211	3111	1.65	1.65	0.98	0.59	1.97
<b>3528S</b>	7/8"	I	3221	3212	3111	1.73	1.73	0.98	0.59	1.97
<b>3530S</b>	15/16"	III	3221	3212	3111	1.75	1.81	1.06	0.71	2.05
<b>3532S</b>	1"	III	3221	3212	3111	1.75	1.97	1.06	0.71	2.05
<b>3534S</b>	1-1/16"	III	3221	3212	3111	1.75	2.09	1.14	0.75	2.13
<b>3536S</b>	1-1/8"	III	3221	3212	3111	1.75	2.20	1.14	0.75	2.13
<b>3538S</b>	1-3/16"	III	3221	3212	3111	1.75	2.28	1.14	0.83	2.13
<b>3540S</b>	1-1/4"	III	3221	3212	3111	1.75	2.40	1.22	0.87	2.20
<b>3542S</b>	1-5/16"	III	3221	3212	3111	1.75	2.50	1.22	0.87	2.20
<b>New 3544S</b>	1-3/8"	III	3221	3212	3111	1.75	2.60	1.22	0.87	2.20
<b>3546S</b>	1-7/16"	III	3221	3212	3111	1.75	2.68	1.22	0.94	2.20
<b>3548S</b>	1-1/2"	III	3221	3212	3111	1.75	2.76	1.30	0.94	2.28



SHAPE I



SHAPE III

## 8 3/4" Drive 8-Point - Deep Length - Fractional Sizes SAE



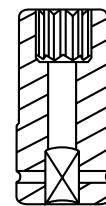
Item Number	8-Point Size	Shape	Retaining Devices			Dimensions (Inches)				
			P	O	RI	A	B	C	D	E
<b>3524SD</b>	3/4"	I	3220	3210	3110	1.57	1.57	2.76	0.51	3.74
<b>3526SD</b>	13/16"	I	3221	3211	3111	1.65	1.65	2.76	0.59	3.74
<b>3528SD</b>	7/8"	I	3221	3212	3111	1.73	1.73	2.76	0.59	3.74
<b>3530SD</b>	15/16"	III	3221	3212	3111	1.75	1.81	2.76	0.71	3.74
<b>3532SD</b>	1"	III	3221	3212	3111	1.75	1.97	2.76	0.71	3.74
<b>3534SD</b>	1-1/16"	III	3221	3212	3111	1.75	2.09	2.76	0.75	3.74
<b>3536SD</b>	1-1/8"	III	3221	3212	3111	1.75	2.20	2.76	0.75	3.74
<b>3538SD</b>	1-3/16"	III	3221	3212	3111	1.75	2.28	2.76	0.83	3.74
<b>3540SD</b>	1-1/4"	III	3221	3212	3111	1.75	2.40	2.76	0.87	3.74
<b>3542SD</b>	1-5/16"	III	3221	3212	3111	1.75	2.50	2.76	0.87	3.74
<b>New 3544SD</b>	1-3/8"	III	3221	3212	3111	1.75	2.60	2.76	0.87	3.74
<b>3546SD</b>	1-7/16"	III	3221	3212	3111	1.75	2.68	2.76	0.94	3.74
<b>3548SD</b>	1-1/2"	III	3221	3212	3111	1.75	2.76	2.76	0.94	3.74

### Retaining Devices Key

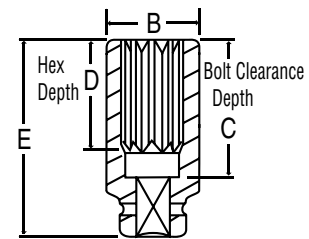


Pin and O-Ring

One Piece



SHAPE I



SHAPE III

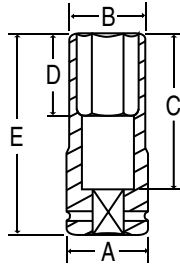




# 3/4" Drive Special Application Impact Sockets



## 6 3/4" Drive Extra-Deep Thin Wall Sockets SAE MM

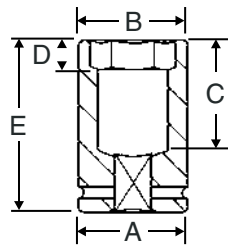


Designed for truck wheel service when removing lug nuts that are deeply recessed and where space is very limited.

Item Number	Hex Size	Dimensions (Inches/Millimeters)				
		A	B	C	D	E
<b>3034DT</b>	<b>1-1/16"</b>	1.69	1.57	3.27	1.69	4.25
<b>3036DT</b>	<b>1-1/8"</b>	1.69	1.65	3.27	1.69	4.25
<b>3040DT</b>	<b>1-1/4"</b>	1.77	1.77	3.27	1.69	4.25
<b>3041MDT</b>	<b>41mm</b>	45	54.5	83	43	108

3/4"

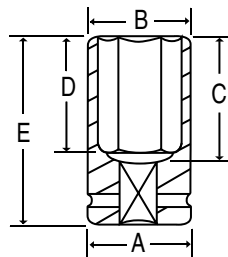
## 6 3/4" Drive Budd Wheel Socket - 1-1/2" Limited Hex SAE



Special 1-1/2" hex deep heavy duty impact socket designed for outer cap nuts on budd-style truck wheels. The 1-1/2" hex depth is limited to help prevent socket contact with the wheel. The socket is deep style to eliminate contact with the inner cap nut.

Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
<b>3048DB</b>	<b>1-1/2"</b>	2.24	2.24	2.83	.55	3.82

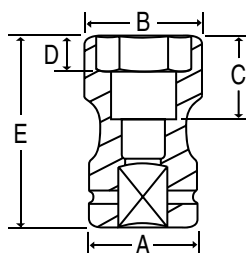
## 6 3/4" Drive Budd Wheel Socket - 1-1/2" Deep Hex SAE



Special 1-1/2" hex deep heavy duty impact socket designed for outer cap nuts on budd-style truck wheels. The 1-1/2" hex depth is deep in length. The socket is a deep style to eliminate contact with the inner cap nut.

Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
<b>3048DS</b>	<b>1-1/2"</b>	2.36	2.36	3.03	2.70	4.02

## 6 3/4" Drive Combination Budd Wheel Sockets SAE MM



Removes and installs budd-type wheel fasteners. Sockets have two openings, eliminating the need for two separate sockets. Fractional and metric sizes.

Item Number	Hex Size	Square Size	Dimensions (Inches/Millimeters)				
			A	B	C	D	E
<b>3223C</b>	<b>1-1/2"</b>	<b>13/16"</b>	2.24	2.24	2.83	.55	3.82
<b>3235MC</b>	<b>35mm</b>	<b>17mm</b>	52	54	65	13	90
<b>3241MC</b>	<b>41mm</b>	<b>21mm</b>	54	58	83	14	97

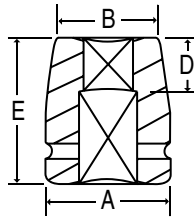


# 3/4" Drive Special Application Impact Sockets



## 4 3/4" Drive 4-Point (Square) Standard Length Sockets SAE MM

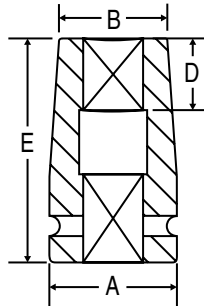
Designed specifically for inner budd-style square fasteners on truck wheels. Fractional and metric sizes.



Item Number	Square Size	Dimensions (Inches/Millimeters)			
		A	B	D	E
<b>3313S</b>	<b>13/16"</b>	1.73	1.65	.94	2.44
<b>3315S</b>	<b>15/16"</b>	1.73	1.73	.94	2.44
<b>3317S</b>	<b>17mm</b>	44	40	24	62
<b>3319S</b>	<b>19mm</b>	40	40	24	52
<b>3320S</b>	<b>20mm</b>	44	42	24	62
<b>3321S</b>	<b>21mm</b>	44	42	24	62

## 4 3/4" Drive 4-Point (Square) Deep Length Socket SAE

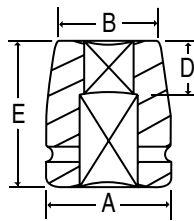
Designed for inner budd-style square fasteners on truck wheels where a deep style impact socket is desired.



Item Number	Square Size	Dimensions (Inches)			
		A	B	D	E
<b>3313SL</b>	<b>13/16"</b>	1.73	1.65	2.28	3.74

## 4 3/4" Drive 4-Point Heavy Duty (Square) Socket SAE

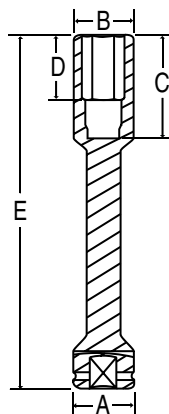
Designed specifically for inner budd-style square fasteners on truck wheels.



Item Number	Square Size	Dimensions (Inches)			
		A	B	D	E
<b>3313SHD</b>	<b>13/16"</b>	2.01	1.65	1.34	2.44

## 6 3/4" Drive 6-Point Extra-Long Sockets SAE MM

Extra-long impact sockets in popular sizes for use on truck wheels and other applications where a long reach is required. They reduce torque loss and eliminate the need for an extension on 3/4" drive impact tools with short anvils.



Item Number	Size	Dimensions (Inches/Millimeters)				
		A	B	C	D	E
<b>3433MDL</b>	<b>33mm Hex</b>	44	48	70	40	230
<b>3434DL</b>	<b>1-1/16" Hex</b>	1.73	1.65	2.76	1.57	9.06
<b>3436DL</b>	<b>1-1/8" Hex</b>	1.73	1.69	2.76	1.57	9.06
<b>3440DL</b>	<b>1-1/4" Hex</b>	1.73	1.85	2.76	1.57	9.06
<b>3448DL</b>	<b>1-1/2" Hex</b>	1.73	2.13	2.76	1.57	9.06
<b>3713SL</b>	<b>13/16" Square</b>	1.73	1.69	2.76	1.57	9.06

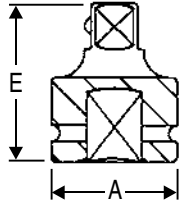




# 3/4" Drive Impact Attachments



## 3/4" Drive Adapters SAE



Item Number	Female End	Male End	Socket Retention Device	Dimensions (Inches)	
				A	E
<b>*3008A</b>	<b>3/4"</b>	<b>1/2"</b>	Friction Ball	1.73	2.28
<b>*3008AL</b>	<b>3/4"</b>	<b>1/2"</b>	Locking Pin	1.73	2.28
<b>3009A</b>	<b>3/4"</b>	<b>1"</b>	Pin Hole	1.73	2.48
<b>3009AB</b>	<b>3/4"</b>	<b>1"</b>	Friction Ball	1.73	2.48
<b>3009AL</b>	<b>3/4"</b>	<b>1"</b>	Locking Pin	1.73	2.48

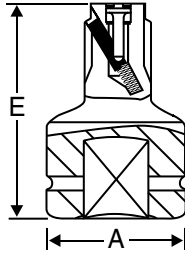
### Extra Long Adapter

<b>3079AB</b>	<b>3/4"</b>	<b>1"</b>	Friction Ball	1.73	6.89
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\* Reducing Adapters are not covered by the Gp Warranty.

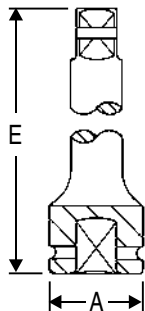
\* See page 179 for New Reducing Sleeve Adapters

## 3/4" Drive to #5 Spline Adapter SAE



Item Number	Female End	Male End	Socket Retention Device	Dimensions (Inches)	
				A	E
<b>3011A</b>	<b>3/4"</b>	<b>#5 Spline</b>	Pin Hole	2.13	4.13
<b>5500RK</b>	Repair Kit for No. 3011A, No. 4011A, & No. 6011A				

## 3/4" Drive Extensions SAE



Item Number	Description	Socket Retention Device	Dimensions (Inches)	
			A	E
<b>3003E</b>	<b>3" Extension</b>	Pin Hole	1.73	2.95
<b>3003EB</b>	<b>3" Extension</b>	Friction Ball	1.73	2.95
<b>3003EL</b>	<b>3" Extension</b>	Locking Pin	1.73	2.95
<b>3007E</b>	<b>7" Extension</b>	Pin Hole	1.73	6.89
<b>3007EB</b>	<b>7" Extension</b>	Friction Ball	1.73	6.89
<b>3007EL</b>	<b>7" Extension</b>	Locking Pin	1.73	6.89
<b>3010E</b>	<b>10" Extension</b>	Pin Hole	1.73	9.84
<b>3010EB</b>	<b>10" Extension</b>	Friction Ball	1.73	9.84
<b>3010EL</b>	<b>10" Extension</b>	Locking Pin	1.73	9.84
<b>3013E</b>	<b>13" Extension</b>	Pin Hole	1.73	12.99
<b>3013EB</b>	<b>13" Extension</b>	Friction Ball	1.73	12.99
<b>3013EL</b>	<b>13" Extension</b>	Locking Pin	1.73	12.99

### Socket Retention Device Key for 3/4" Drive Adapters, Extensions & Universal Joints



**Do NOT run the tool when the socket is OFF the fastener.**

#### **PH** Pin Hole

Uses Ret Ring® or Pin & O-ring to secure socket. The most secure system available. Recommended for 3/4" drive and larger impact wrenches.

#### **FB** Friction Ball

A spring loaded steel ball that lines up with the socket retainer hole. Use caution when using this system because the socket is held in place only by spring pressure on the steel ball.

#### **LP** Locking Pin

Spring loaded pin, simply line up with socket retainer hole and press pin. To release socket, insert object through retainer hole and press pin.

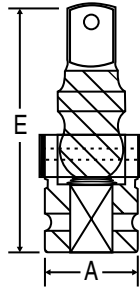




# 3/4" Drive Impact Attachments



## 3/4" Drive Universal Joint SAE



Item Number	Description	Dimensions (Inches)	
		A	E
<b>3006UJ</b>	<b>3/4" x 3/4" w/Pin Hole</b>	1.73	4.13

## 3/4" Drive Socket O-Rings & Retaining Pins SAE MM

### PINS



Item Number	Fits Socket Drive End Diameters	Pin Diameter	Pin Length
<b>3220</b>	1.42" - 1.57" (36mm - 40mm)	.16" (4mm)	1.18" (30mm)
<b>3221</b>	1.65" - 1.75" (42mm - 44mm)	.16" (4mm)	1.38" (35mm)
<b>4520</b>	1.89" - 2.24" (48mm - 57mm)	.20" (5mm)	1.77" (45mm)

### O-RINGS



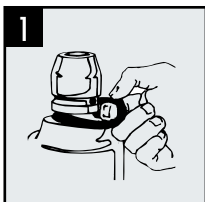
Item Number	Fits Socket Drive End Diameters	O-Ring I.D.	O-Ring Thickness
<b>3210</b>	1.42" - 1.57" (36mm - 40mm)	1.22" (31mm)	.20" (5mm)
<b>3211</b>	1.65" - 1.69" (42mm - 43mm)	1.34" (34mm)	.20" (5mm)
<b>3212</b>	1.73" (44mm)	1.48" (37.5mm)	.20" (5mm)
<b>4511</b>	2.13" - 2.44" (54mm - 62mm)	1.85" (47mm)	.20" (5mm)

## 3/4" Ret Ring® One Piece Impact Socket Retainers SAE MM

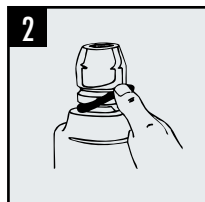


The Ret Ring® connects an impact socket onto an impact wrench, extension, adapter or universal joint. One-piece, molded of new space age polyurethane, with a steel insert for added safety. Available for 3/4", 1" and 1-1/2" drive impact sockets. 3/4" drive sizes listed below. For a complete listing and cross-reference to other manufacturer's part numbers see page 117.

Item Number	Square Drive Size	Fits Socket Ends "A" Diameters
<b>3110</b>	<b>3/4"</b>	1.50" (38mm)
<b>3111</b>	<b>3/4"</b>	1.65" - 1.77" (42mm - 44mm)
<b>3112</b>	<b>3/4"</b>	2.13" - 2.24" (54mm - 56mm)



**Step 1**  
Place Ret Ring® over impact square drive, put on impact socket aligning retention holes, then insert center-pin through retention holes.



**Step 2**  
Push center-pin completely through hole.



**Step 3**  
Pull O-ring up into groove on opposite side.



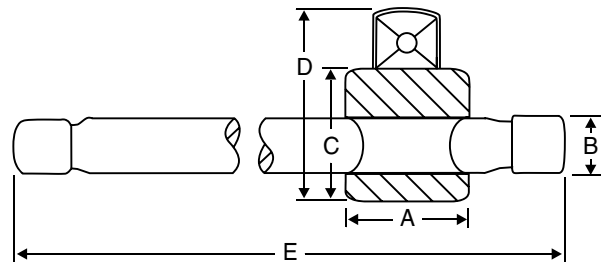
No. 30T20 3/4" Drive T-Handle Tool

This tool features a sliding drive head that allows for use in tight spaces. The head is held in place by a friction pin so it can slide flush with the ends of the bar. A Friction ball retainer holds sockets securely to the drive. When used as a breaker bar the 20" handle provides extra leverage.



3/4"

Item Number	Drive Size	Dimensions (Inches)				
		A	B	C	D	E
<b>30T20</b>	<b>3/4"</b>	1.58	.78	1.66	2.52	19.87





# 1" Drive Standard Length Fractional Impact Socket Sets



## 6 No. 9021 1" Drive - Standard Length - Fractional Set SAE



### 21 piece set contents:

4024R	3/4"	4046R	1-7/16"
4026R	13/16"	4048R	1-1/2"
4028R	7/8"	4050R	1-9/16"
4030R	15/16"	4052R	1-5/8"
4032R	1"	4054R	1-11/16"
4034R	1-1/16"	4056R	1-3/4"
4036R	1-1/8"	4058R	1-13/16"
4038R	1-3/16"	4060R	1-7/8"
4040R	1-1/4"	4062R	1-15/16"
4042R	1-5/16"	4064R	2"
4044R	1-3/8"		Metal Case

## 6 No. 9016 1" Drive - Standard Length - Fractional Set SAE



### 16 piece set contents:

4066R	2-1/16"	4082R	2-9/16"
4068R	2-1/8"	4084R	2-5/8"
4070R	2-3/16"	4086R	2-11/16"
4072R	2-1/4"	4088R	2-3/4"
4074R	2-5/16"	4090R	2-13/16"
4076R	2-3/8"	4092R	2-7/8"
4078R	2-7/16"	4094R	2-15/16"
4080R	2-1/2"	4096R	3"
			Metal Case

## 6 No. 9011 1" Drive - Standard Length - Fractional Set SAE



### 11 piece set contents:

4100R	3-1/8"	4124R	3-7/8"
4104R	3-1/4"	4128R	4"
4108R	3-3/8"	4132R	4-1/8"
4112R	3-1/2"	4136R	4-1/4"
4116R	3-5/8"	4144R	4-1/2"
4120R	3-3/4"		Metal Case

Ordering the 3 sets above will provide complete coverage in 1" Drive Standard Length Fractional sizes.



# 1" Drive Deep Length Fractional Impact Socket Sets



## 6 No. 9021D 1" Drive - Deep Length - Fractional Set SAE



### 21 piece set contents:

4024D . . . . . 3/4"	4046D . . . . . 1-7/16"
4026D . . . . . 13/16"	4048D . . . . . 1-1/2"
4028D . . . . . 7/8"	4050D . . . . . 1-9/16"
4030D . . . . . 15/16"	4052D . . . . . 1-5/8"
4032D . . . . . 1"	4054D . . . . . 1-11/16"
4034D . . . . . 1-1/16"	4056D . . . . . 1-3/4"
4036D . . . . . 1-1/8"	4058D . . . . . 1-13/16"
4038D . . . . . 1-3/16"	4060D . . . . . 1-7/8"
4040D . . . . . 1-1/4"	4062D . . . . . 1-15/16"
4042D . . . . . 1-5/16"	4064D . . . . . 2"
4044D . . . . . 1-3/8"	

Metal Case



## 6 No. 9016D 1" Drive - Deep Length - Fractional Set SAE



### 16 piece set contents:

4066D . . . . . 2-1/16"	4082D . . . . . 2-9/16"
4068D . . . . . 2-1/8"	4084D . . . . . 2-5/8"
4070D . . . . . 2-3/16"	4086D . . . . . 2-11/16"
4072D . . . . . 2-1/4"	4088D . . . . . 2-3/4"
4074D . . . . . 2-5/16"	4090D . . . . . 2-13/16"
4076D . . . . . 2-3/8"	4092D . . . . . 2-7/8"
4078D . . . . . 2-7/16"	4094D . . . . . 2-15/16"
4080D . . . . . 2-1/2"	4096D . . . . . 3"

Metal Case

## 6 No. 9011D 1" Drive - Deep Length - Fractional Set SAE



### 11 piece set contents:

4100D . . . . . 3-1/8"	4124D . . . . . 3-7/8"
4104D . . . . . 3-1/4"	4128D . . . . . 4"
4108D . . . . . 3-3/8"	4132D . . . . . 4-1/8"
4112D . . . . . 3-1/2"	4136D . . . . . 4-1/4"
4116D . . . . . 3-5/8"	4144D . . . . . 4-1/2"
4120D . . . . . 3-3/4"	

Metal Case

Ordering the 3 sets above will provide complete coverage in 1" Drive Deep Length Fractional sizes.



# 1" Drive Standard Length Metric Impact Socket Sets



## 6 No. 9026M 1" Drive - Standard Length - Metric Set



### 26 piece set contents:

4019M. ....	.19mm	4032M. ....	.32mm
4020M. ....	.20mm	4033M. ....	.33mm
4021M. ....	.21mm	4034M. ....	.34mm
4022M. ....	.22mm	4035M. ....	.35mm
4023M. ....	.23mm	4036M. ....	.36mm
4024M. ....	.24mm	4037M. ....	.37mm
4025M. ....	.25mm	4038M. ....	.38mm
4026M. ....	.26mm	4039M. ....	.39mm
4027M. ....	.27mm	4040M. ....	.40mm
4028M. ....	.28mm	4041M. ....	.41mm
4029M. ....	.29mm	4042M. ....	.42mm
4030M. ....	.30mm	4043M. ....	.43mm
4031M. ....	.31mm	4044M. ....	.44mm
			Metal Case

## 6 No. 9020M 1" Drive - Standard Length - Metric Set



### 20 piece set contents:

4045M. ....	.45mm	4056M. ....	.56mm
4046M. ....	.46mm	4057M. ....	.57mm
4047M. ....	.47mm	4058M. ....	.58mm
4048M. ....	.48mm	4060M. ....	.60mm
4050M. ....	.50mm	4062M. ....	.62mm
4051M. ....	.51mm	4063M. ....	.63mm
4052M. ....	.52mm	4065M. ....	.65mm
4053M. ....	.53mm	4067M. ....	.67mm
4054M. ....	.54mm	4070M. ....	.70mm
4055M. ....	.55mm	4075M. ....	.75mm
			Metal Case

## 6 No. 9011M 1" Drive - Standard Length - Metric Set



### 11 piece set contents:

4076M. ....	.76mm	4095M. ....	.95mm
4077M. ....	.77mm	40100M. ....	.100mm
4078M. ....	.78mm	40105M. ....	.105mm
4080M. ....	.80mm	40110M. ....	.110mm
4085M. ....	.85mm	40115M. ....	.115mm
4090M. ....	.90mm		Metal Case

Ordering the 3 sets above will provide complete coverage in 1" Drive Standard Length Metric sizes.





# 1" Drive Deep Length Metric Impact Socket Sets



## 6 No. 9026MD 1" Drive - Deep Length - Metric Set ▲ MM



### 26 piece set contents:

4019MD	.....19mm	4032MD	.....32mm
4020MD	.....20mm	4033MD	.....33mm
4021MD	.....21mm	4034MD	.....34mm
4022MD	.....22mm	4035MD	.....35mm
4023MD	.....23mm	4036MD	.....36mm
4024MD	.....24mm	4037MD	.....37mm
4025MD	.....25mm	4038MD	.....38mm
4026MD	.....26mm	4039MD	.....39mm
4027MD	.....27mm	4040MD	.....40mm
4028MD	.....28mm	4041MD	.....41mm
4029MD	.....29mm	4042MD	.....42mm
4030MD	.....30mm	4043MD	.....43mm
4031MD	.....31mm	4044MD	.....44mm

Metal Case

## 6 No. 9020MD 1" Drive - Deep Length - Metric Set ▲ MM



### 20 piece set contents:

4045MD	.....45mm	4056MD	.....56mm
4046MD	.....46mm	4057MD	.....57mm
4047MD	.....47mm	4058MD	.....58mm
4048MD	.....48mm	4060MD	.....60mm
4050MD	.....50mm	4062MD	.....62mm
4051MD	.....51mm	4063MD	.....63mm
4052MD	.....52mm	4065MD	.....65mm
4053MD	.....53mm	4067MD	.....67mm
4054MD	.....54mm	4070MD	.....70mm
4055MD	.....55mm	4075MD	.....75mm

Metal Case

## 6 No. 9011MD 1" Drive - Deep Length - Metric Set ▲ MM



### 11 piece set contents:

4076MD	.....76mm	4095MD	.....95mm
4077MD	.....77mm	40100MD	.....100mm
4078MD	.....78mm	40105MD	.....105mm
4080MD	.....80mm	40110MD	.....110mm
4085MD	.....85mm	40115MD	.....115mm
4090MD	.....90mm		Metal Case

Ordering the 3 sets above will provide complete coverage in 1" Drive Deep Length Metric sizes.



# 1" Drive 12-Point Standard Length Fractional Impact Socket Sets



## 12 No. 9121 1" Drive 12-Point - Standard Length - Fractional Set SAE



### 21 piece set contents:

4224R	..... 3/4"	4246R	..... 1-7/16"
4226R	..... 13/16"	4248R	..... 1-1/2"
4228R	..... 7/8"	4250R	..... 1-9/16"
4230R	..... 15/16"	4252R	..... 1-5/8"
4232R	..... 1"	4254R	..... 1-11/16"
4234R	..... 1-1/16"	4256R	..... 1-3/4"
4236R	..... 1-1/8"	4258R	..... 1-13/16"
4238R	..... 1-3/16"	4260R	..... 1-7/8"
4240R	..... 1-1/4"	4262R	..... 1-15/16"
4242R	..... 1-5/16"	4264R	..... 2"
4244R	..... 1-3/8"		Metal Case

## 12 No. 9116 1" Drive 12-Point - Standard Length - Fractional Set SAE



### 16 piece set contents:

4266R	..... 2-1/16"	4282R	..... 2-9/16"
4268R	..... 2-1/8"	4284R	..... 2-5/8"
4270R	..... 2-3/16"	4286R	..... 2-11/16"
4272R	..... 2-1/4"	4288R	..... 2-3/4"
4274R	..... 2-5/16"	4290R	..... 2-13/16"
4276R	..... 2-3/8"	4292R	..... 2-7/8"
4278R	..... 2-7/16"	4294R	..... 2-15/16"
4280R	..... 2-1/2"	4296R	..... 3"
			Metal Case

## 12 No. 9111 1" Drive 12-Point - Standard Length - Fractional Set SAE



### 11 piece set contents:

4300R	..... 3-1/8"	4324R	..... 3-7/8"
4304R	..... 3-1/4"	4328R	..... 4"
4308R	..... 3-3/8"	4332R	..... 4-1/8"
4312R	..... 3-1/2"	4336R	..... 4-1/4"
4316R	..... 3-5/8"	4344R	..... 4-1/2"
4320R	..... 3-3/4"		Metal Case

Ordering the 3 sets above will provide complete coverage in 1" Drive 12-Point Standard Length Fractional sizes.



# 1" Drive 12-Point Deep Length Fractional Impact Socket Sets



## 12 No. 9121D 1" Drive 12-Point - Deep Length - Fractional Set SAE



### 21 piece set contents:

4224D	3/4"	4246D	1-7/16"
4226D	13/16"	4248D	1-1/2"
4228D	7/8"	4250D	1-9/16"
4230D	15/16"	4252D	1-5/8"
4232D	1"	4254D	1-11/16"
4234D	1-1/16"	4256D	1-3/4"
4236D	1-1/8"	4258D	1-13/16"
4238D	1-3/16"	4260D	1-7/8"
4240D	1-1/4"	4262D	1-15/16"
4242D	1-5/16"	4264D	2"
4244D	1-3/8"		Metal Case

## 12 No. 9116D 1" Drive 12-Point - Deep Length - Fractional Set SAE



### 16 piece set contents:

4266D	2-1/16"	4282D	2-9/16"
4268D	2-1/8"	4284D	2-5/8"
4270D	2-3/16"	4286D	2-11/16"
4272D	2-1/4"	4288D	2-3/4"
4274D	2-5/16"	4290D	2-13/16"
4276D	2-3/8"	4292D	2-7/8"
4278D	2-7/16"	4294D	2-15/16"
4280D	2-1/2"	4296D	3"
			Metal Case

## 12 No. 9111D 1" Drive 12-Point - Deep Length - Fractional Set SAE



### 11 piece set contents:

4300D	3-1/8"	4324D	3-7/8"
4304D	3-1/4"	4328D	4"
4308D	3-3/8"	4332D	4-1/8"
4312D	3-1/2"	4336D	4-1/4"
4316D	3-5/8"	4344D	4-1/2"
4320D	3-3/4"		Metal Case

Ordering the 3 sets above will provide complete coverage in 1" Drive 12-Point Deep Length Fractional sizes.



# 1" Drive 12-Point Standard Length Metric Impact Socket Sets



## 12 No. 9126M 1" Drive 12-Point - Standard Length - Metric Set



### 26 piece set contents:

4119M. ....	.19mm	4132M. ....	.32mm
4120M. ....	.20mm	4133M. ....	.33mm
4121M. ....	.21mm	4134M. ....	.34mm
4122M. ....	.22mm	4135M. ....	.35mm
4123M. ....	.23mm	4136M. ....	.36mm
4124M. ....	.24mm	4137M. ....	.37mm
4125M. ....	.25mm	4138M. ....	.38mm
4126M. ....	.26mm	4139M. ....	.39mm
4127M. ....	.27mm	4140M. ....	.40mm
4128M. ....	.28mm	4141M. ....	.41mm
4129M. ....	.29mm	4142M. ....	.42mm
4130M. ....	.30mm	4143M. ....	.43mm
4131M. ....	.31mm	4144M. ....	.44mm
			Metal Case

## 12 No. 9120M 1" Drive 12-Point - Standard Length - Metric Set



### 20 piece set contents:

4145M. ....	.45mm	4156M. ....	.56mm
4146M. ....	.46mm	4157M. ....	.57mm
4147M. ....	.47mm	4158M. ....	.58mm
4148M. ....	.48mm	4160M. ....	.60mm
4150M. ....	.50mm	4162M. ....	.62mm
4151M. ....	.51mm	4163M. ....	.63mm
4152M. ....	.52mm	4165M. ....	.65mm
4153M. ....	.53mm	4167M. ....	.67mm
4154M. ....	.54mm	4170M. ....	.70mm
4155M. ....	.55mm	4175M. ....	.75mm
			Metal Case

## 12 No. 9111M 1" Drive 12-Point - Standard Length - Metric Set



### 11 piece set contents:

4176M. ....	.76mm	4195M. ....	.95mm
4177M. ....	.77mm	41100M. ....	.100mm
4178M. ....	.78mm	41105M. ....	.105mm
4180M. ....	.80mm	41110M. ....	.110mm
4185M. ....	.85mm	41115M. ....	.115mm
4190M. ....	.90mm		Metal Case

Ordering the 3 sets above will provide complete coverage in 1" Drive 12-Point Standard Length Metric sizes.



# 1" Drive 12-Point Deep Length Metric Impact Socket Sets



## 12 No. 9126MD 1" Drive 12-Point - Deep Length - Metric Set MM



### 26 piece set contents:

4119MD	.....19mm	4132MD	.....32mm
4120MD	.....20mm	4133MD	.....33mm
4121MD	.....21mm	4134MD	.....34mm
4122MD	.....22mm	4135MD	.....35mm
4123MD	.....23mm	4136MD	.....36mm
4124MD	.....24mm	4137MD	.....37mm
4125MD	.....25mm	4138MD	.....38mm
4126MD	.....26mm	4139MD	.....39mm
4127MD	.....27mm	4140MD	.....40mm
4128MD	.....28mm	4141MD	.....41mm
4129MD	.....29mm	4142MD	.....42mm
4130MD	.....30mm	4143MD	.....43mm
4131MD	.....31mm	4144MD	.....44mm

Metal Case

## 12 No. 9120MD 1" Drive 12-Point - Deep Length - Metric Set MM



### 20 piece set contents:

4145MD	.....45mm	4156MD	.....56mm
4146MD	.....46mm	4157MD	.....57mm
4147MD	.....47mm	4158MD	.....58mm
4148MD	.....48mm	4160MD	.....60mm
4150MD	.....50mm	4162MD	.....62mm
4151MD	.....51mm	4163MD	.....63mm
4152MD	.....52mm	4165MD	.....65mm
4153MD	.....53mm	4167MD	.....67mm
4154MD	.....54mm	4170MD	.....70mm
4155MD	.....55mm	4175MD	.....75mm

Metal Case

## 12 No. 9111MD 1" Drive 12-Point - Deep Length - Metric Set MM



### 11 piece set contents:

4176MD	.....76mm	4195MD	.....95mm
4177MD	.....77mm	41100MD	.....100mm
4178MD	.....78mm	41105MD	.....105mm
4180MD	.....80mm	41110MD	.....110mm
4185MD	.....85mm	41115MD	.....115mm
4190MD	.....90mm		

Metal Case

Ordering the 3 sets above will provide complete coverage in 1" Drive 12-Point Deep Length Metric sizes.



# 1" Drive Impact Socket Sets



## 6 No. 9108 1" Drive Standard Length Fractional Set SAE



### 8 piece set contents:

4028R . . . . . 7/8"	4038R . . . . . 1-3/16"
4030R . . . . . 15/16"	4040R . . . . . 1-1/4"
4032R . . . . . 1"	4048R . . . . . 1-1/2"
4034R . . . . . 1-1/16"	Molded Storage Case
4036R . . . . . 1-1/8"	

## 6 No. 9108D 1" Drive Deep Length Fractional Set SAE



### 8 piece set contents:

4028D . . . . . 7/8"	4038D . . . . . 1-3/16"
4030D . . . . . 15/16"	4040D . . . . . 1-1/4"
4032D . . . . . 1"	4048D . . . . . 1-1/2"
4034D . . . . . 1-1/16"	Molded Storage Case
4036D . . . . . 1-1/8"	

## 6 No. 9109D 1" Drive Deep Length Metric Set MM



### 8 piece set contents:

4027MD . . . . . 27mm	4036MD . . . . . .36mm
4030MD . . . . . 30mm	4038MD . . . . . .38mm
4032MD . . . . . 32mm	4041MD . . . . . .41mm
4033MD . . . . . 33mm	Metal Storage Case
4035MD . . . . . 35mm	

## 6 No. 9159 1" Drive Jumbo Fractional Set SAE



### 9 piece set contents:

4032R . . . . . 1"	4052R . . . . . 1-5/8"
4036R . . . . . 1-1/8"	4056R . . . . . 1-3/4"
4040R . . . . . 1-1/4"	4060R . . . . . 1-7/8"
4044R . . . . . 1-3/8"	4064R . . . . . 2"
4048R . . . . . 1-1/2"	Metal Storage Case





# 1" Drive Impact Socket Sets for Wheel Service



## 6 No. 9007

### 1" Drive Wheel Service Set SAE MM



Seven (7) of our most popular impact sockets used on truck wheel fasteners. They are individually displayed in a tough blue molded case for easy carrying and storage.

#### 7 piece set contents:

- |                                     |                                    |
|-------------------------------------|------------------------------------|
| 4313S . . . . . 13/16" Square       | 4040DT . . . . . 1-1/4" T.W. Deep  |
| 4038R . . . . . 1-3/16" (30mm) Std. | 4033MD . . . . . 33mm Deep         |
| 4034DT . . . . . 1-1/16" T.W. Deep  | 4048D . . . . . 1-1/2" (38mm) Deep |
| 4036DT . . . . . 1-1/8" T.W. Deep   | Molded Storage Case                |

## 6 No. 9151

### 1" Drive Heavy Duty Wheel Service Set SAE MM



A 1" drive deep set designed for servicing medium and heavy duty truck wheels.

#### 10 piece set contents:

- |                                    |                                   |
|------------------------------------|-----------------------------------|
| 4313S . . . . . 13/16" Square      | 4038D . . . . . 1-3/16" Deep      |
| 4315S . . . . . 15/16" Square      | 4040DT . . . . . 1-1/4" T.W. Deep |
| 4032D . . . . . 1" Deep            | 4048D . . . . . 1-1/2" Deep       |
| 4033MD . . . . . 33mm Deep         | 4056D . . . . . 1-3/4" Deep       |
| 4034DT . . . . . 1-1/16" T.W. Deep | Metal Storage Case                |
| 4036DT . . . . . 1-1/8" T.W. Deep  |                                   |

## 6 No. 9152

### 1" Drive Wheel Service Set SAE MM



A complete 1" drive set designed for servicing truck wheels. It contains a 13/16" square size for budd wheel inner cap nuts, a 1-1/2" outer budd nut size that has a "controlled depth" hex end to help prevent contact with the wheel, a 33mm size for 10 hole hub piloted wheels, three (3) deep thin wall sizes, and other regular length impact sockets.

#### 10 piece set contents:

- |                                  |                                    |
|----------------------------------|------------------------------------|
| 4313S . . . . . 13/16" Square    | 4034DT . . . . . 1-1/16" T.W. Deep |
| 4028R . . . . . 7/8" Standard    | 4036DT . . . . . 1-1/8" T.W. Deep  |
| 4030R . . . . . 15/16" Standard  | 4040DT . . . . . 1-1/4" T.W. Deep  |
| 4032R . . . . . 1" Standard      | 4048DB . . . . . 1-1/2" Deep Budd  |
| 4038R . . . . . 1-3/16" Standard | Molded Storage Case                |
| 4033MD . . . . . 33mm Deep       |                                    |

## 6 No. 9153

### 1" Drive Wheel Service Set SAE MM



Ten (10) of the most popular Fractional and metric impact socket sizes for truck wheel fasteners.

#### 10 piece set contents:

- |                                    |                                   |
|------------------------------------|-----------------------------------|
| 4313S . . . . . 13/16" Square      | 4048DB . . . . . 1-1/2" Deep Budd |
| 4317S . . . . . 17mm Square        | 4033MD . . . . . 33mm Deep        |
| 4321S . . . . . 21mm Square        | 4035MD . . . . . 35mm Deep        |
| 4034DT . . . . . 1-1/16" T.W. Deep | 4041MD . . . . . 41mm Deep        |
| 4036DT . . . . . 1-1/8" T.W. Deep  | Molded Storage Case               |
| 4040DT . . . . . 1-1/4" T.W. Deep  |                                   |



# 1" Drive Impact Socket Sets for Wheel Service



## 6 No. 9154 1" Drive Wheel Service Set SAE MM

This set includes eight (8) popular impact socket sizes for truck wheel fasteners.



### 8 piece set contents:

- |                             |                               |
|-----------------------------|-------------------------------|
| 4313S . . . . 13/16" Square | 4036DT . . . 1-1/8" T.W. Deep |
| 4028R . . . . 7/8" Standard | 4040DT . . . 1-1/4" T.W. Deep |
| 4032R . . . . 1" Standard   | 4048D . . . . 1-1/2" Deep     |
| 4033M . . . 33mm Standard   | Molded Storage Case           |
| 4034DT 1-1/16" T.W. Deep    |                               |

## 6 No. 9155 1" Drive Metric Wheel Service Set MM

This set includes seven (7) of the most popular metric impact socket sizes for metric truck wheel fasteners.



### 7 piece set contents:

- |                           |                          |
|---------------------------|--------------------------|
| 4317S . . . . 17mm Square | 4035MD . . . . 35mm Deep |
| 4321S . . . . 21mm Square | 4038MD . . . . 38mm Deep |
| 4030MD . . . 30mm Deep    | 4041MD . . . . 41mm Deep |
| 4033MD . . . 33mm Deep    | Metal Storage Case       |

## 6 No. 9157 1" Drive Metric Wheel Service Set MM

An eleven (11) piece metric impact socket set for servicing tires and wheels on a complete range of imported trucks with metric wheel fasteners.



### 11 piece set contents:

- |                           |                           |
|---------------------------|---------------------------|
| 4317S . . . . 17mm Square | 4033M . . . 33mm Standard |
| 4320S . . . . 20mm Square | 4035MD . . . . 35mm Deep  |
| 4321S . . . . 21mm Square | 4036MD . . . . 36mm Deep  |
| 4027M . . . 27mm Standard | 4038MD . . . . 38mm Deep  |
| 4030M . . . 30mm Standard | 4041MD . . . . 41mm Deep  |
| 4032M . . . 32mm Standard | Metal Storage Case        |

## 6 No. 9161D 1" Drive Large Truck Wheel / OTR Wheel Service Set SAE MM

This set contains impact sockets designed to fit large truck and off-the-road wheel fasteners.



### 9 piece set contents:

- |                             |                           |
|-----------------------------|---------------------------|
| 4313S . . . . 13/16" Square | 4056D . . . . 1-3/4" Deep |
| 4315S . . . . 15/16" Square | 4060D . . . . 1-7/8" Deep |
| 4033MD . . . 33mm Deep      | 4064D . . . . 2" Deep     |
| 4048D . . . . 1-1/2" Deep   | 4072D . . . . 2-1/4" Deep |
| 4052D . . . . 1-5/8" Deep   | Metal Storage Case        |





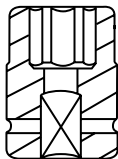
# 1" Drive Standard Length Impact Sockets



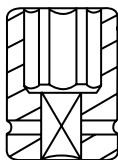
## 6 1" Drive - Standard Length - Fractional Sizes SAE



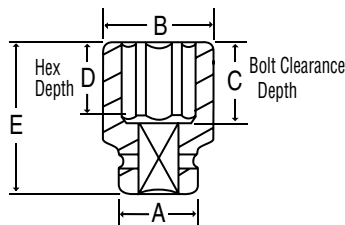
ANSI Specifications B107.2



SHAPE I



SHAPE II



SHAPE III

Item Number	Hex Size	Shape	*Retaining Devices			Dimensions (Inches)				
			P	O	R1	A	B	C	D	E
4024R	3/4"	I	4520	4510	4110	2.01	1.42	1.10	0.51	2.28
4026R	13/16"	I	4520	4510	4110	2.01	1.50	1.10	0.59	2.28
4028R	7/8"	I	4520	4510	4110	2.01	1.54	1.10	0.59	2.28
4030R	15/16"	I	4520	4510	4110	2.01	1.57	1.10	0.71	2.28
4032R	1"	I	4520	4510	4110	2.01	1.65	1.10	0.71	2.28
4034R	1-1/16"	I	4520	4510	4110	2.01	1.73	1.10	0.75	2.28
4036R	1-1/8"	I	4520	4510	4110	2.01	1.81	1.10	0.75	2.28
4038R	1-3/16"	I	4520	4510	4110	2.01	1.89	1.18	0.83	2.36
4040R	1-1/4"	II	4520	4510	4110	2.01	2.01	1.18	0.87	2.36
4042R	1-5/16"	III	4520	4510	4110	2.05	2.09	1.26	0.87	2.44
4044R	1-3/8"	III	4520	4510	4110	2.05	2.13	1.26	0.87	2.44
4046R	1-7/16"	III	4520	4510	4110	2.05	2.20	1.26	0.98	2.44
4048R	1-1/2"	III	4520	4510	4110	2.05	2.28	1.26	0.98	2.44
4050R	1-9/16"	III	4520	4510	4110	2.05	2.36	1.26	0.98	2.44
4052R	1-5/8"	III	4520	4510	4110	2.05	2.42	1.26	1.06	2.44
4054R	1-11/16"	III	4520	4510	4110	2.05	2.56	1.34	1.06	2.52
4056R	1-3/4"	III	4521	4511	4111	2.28	2.60	1.34	1.06	2.52
4058R	1-13/16"	III	4521	4511	4111	2.28	2.68	1.34	1.18	2.52
4060R	1-7/8"	III	4521	4511	4111	2.28	2.76	1.42	1.26	2.60
4062R	1-15/16"	III	4521	4511	4111	2.28	2.83	1.50	1.26	2.68
4064R	2"	III	4521	4511	4111	2.28	2.91	1.57	1.38	2.76
4066R	2-1/16"	III	4521	4511	4111	2.28	2.95	1.57	1.38	2.76
4068R	2-1/8"	III	4521	4511	4111	2.28	3.07	1.57	1.38	2.76
4070R	2-3/16"	III	4521	4512	4112	2.44	3.15	1.65	1.38	2.83
4072R	2-1/4"	III	4521	4512	4112	2.44	3.31	1.77	1.57	2.95
4074R	2-5/16"	III	4521	4512	4112	2.44	3.39	1.77	1.57	2.95
4076R	2-3/8"	III	4521	4512	4112	2.44	3.43	1.89	1.65	3.07
4078R	2-7/16"	III	4521	4512	4112	2.44	3.50	1.89	1.65	3.07
4080R	2-1/2"	III	4521	4512	4112	2.44	3.58	1.97	1.65	3.15
4082R	2-9/16"	III	4521	4512	4112	2.44	3.66	1.97	1.65	3.15
4084R	2-5/8"	III	4521	4512	4112	2.44	3.74	2.05	1.65	3.23
4086R	2-11/16"	III	4521	4512	4112	2.44	3.82	2.05	1.65	3.23
4088R	2-3/4"	III	4521	4512	4112	2.44	3.94	2.60	1.65	3.78
4090R	2-13/16"	III	4521	4512	4112	2.44	4.02	2.60	1.77	3.78
4092R	2-7/8"	III	4523	4513	-	3.39	4.09	2.60	1.77	3.78
4094R	2-15/16"	III	4523	4513	-	3.39	4.13	2.68	1.77	3.86
4096R	3"	III	4523	4513	-	3.39	4.21	2.68	1.89	3.94
4100R	3-1/8"	III	4523	4513	-	3.39	4.37	2.76	1.89	3.94
4104R	3-1/4"	III	4523	4513	-	3.39	4.53	2.76	1.89	3.94
4108R	3-3/8"	III	4523	4513	-	3.39	4.69	2.95	2.05	4.13
4112R	3-1/2"	III	4523	4513	-	3.39	4.88	2.95	2.05	4.13
4116R	3-5/8"	III	4523	4513	-	3.39	5.00	2.95	2.05	4.13
4120R	3-3/4"	III	4523	4513	-	3.39	5.16	3.27	2.05	4.53
4124R	3-7/8"	III	4523	4513	-	3.39	5.31	3.35	2.28	4.53
4128R	4"	III	4523	4513	-	3.39	5.47	3.35	2.28	4.53
4132R	4-1/8"	III	4524	4514	-	3.74	5.63	3.27	2.28	4.53
4136R	4-1/4"	III	4524	4514	-	3.74	5.79	3.35	2.36	4.53
4144R	4-1/2"	III	4524	4514	-	3.74	6.06	3.35	2.44	4.53

\* Retaining devices key found on page 120.





# 1" Drive Standard Length Impact Sockets



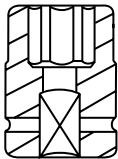
## 6 1" Drive - Standard Length - Metric Sizes MM



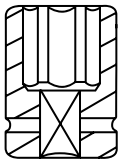
= new items



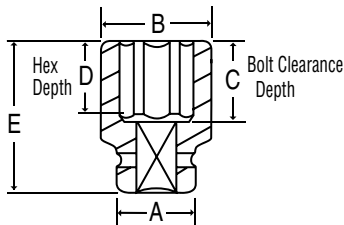
ANSI Specifications B107.2



SHAPE I



SHAPE II



SHAPE III

\* Retaining devices key found on page 120.

Item Number	Hex Size	Shape	*Retaining Devices			Dimensions (Millimeters)				
			P	O	RI	A	B	C	D	E
4019M	19mm	I	4520	4510	4110	51	36.0	28	13	58
4020M	20mm	I	4520	4510	4110	51	37.0	28	14	58
4021M	21mm	I	4520	4510	4110	51	38.0	28	15	58
4022M	22mm	I	4520	4510	4110	51	39.0	28	15	58
4023M	23mm	I	4520	4510	4110	51	40.0	28	16	58
4024M	24mm	I	4520	4510	4110	51	40.0	28	18	58
4025M	25mm	I	4520	4510	4110	51	41.0	28	18	58
4026M	26mm	I	4520	4510	4110	51	42.5	28	18	58
4027M	27mm	I	4520	4510	4110	51	44.0	28	19	58
4028M	28mm	I	4520	4510	4110	51	45.0	28	19	58
4029M	29mm	I	4520	4510	4110	51	46.0	30	19	60
4030M	30mm	I	4520	4510	4110	51	48.0	30	21	60
4031M	31mm	I	4520	4510	4110	51	48.0	30	21	60
4032M	32mm	II	4520	4510	4110	51	51.0	30	22	60
4033M	33mm	III	4520	4510	4110	52	53.0	32	22	62
4034M	34mm	III	4520	4510	4110	52	54.0	32	22	62
4035M	35mm	III	4520	4510	4110	52	54.0	32	22	62
4036M	36mm	III	4520	4510	4110	52	56.0	32	25	62
4037M	37mm	III	4520	4510	4110	52	57.0	32	25	62
4038M	38mm	III	4520	4510	4110	52	58.0	32	25	62
4039M	39mm	III	4520	4510	4110	52	59.0	32	25	62
4040M	40mm	III	4520	4510	4110	52	60.0	32	25	62
4041M	41mm	III	4520	4510	4110	52	61.5	32	27	62
4042M	42mm	III	4520	4510	4110	52	63.0	34	27	64
4043M	43mm	III	4520	4510	4110	52	65.0	34	27	64
4044M	44mm	III	4520	4510	4110	52	65.0	34	27	64
4045M	45mm	III	4521	4511	4111	58	66.0	34	27	64
4046M	46mm	III	4521	4511	4111	58	68.0	34	30	64
4047M	47mm	III	4521	4511	4111	58	69.0	36	32	66
4048M	48mm	III	4521	4511	4111	58	70.0	38	32	68
4050M	50mm	III	4521	4511	4111	58	73.0	40	35	70
4051M	51mm	III	4521	4511	4111	58	74.0	40	35	70
4052M	52mm	III	4521	4511	4111	58	75.0	40	35	70
4053M	53mm	III	4521	4511	4111	58	75.0	40	35	70
4054M	54mm	III	4521	4511	4111	58	78.0	40	35	70
4055M	55mm	III	4521	4512	4112	62	79.0	42	35	72
4056M	56mm	III	4521	4512	4112	62	80.0	44	40	74
4057M	57mm	III	4521	4512	4112	62	84.0	45	40	75
4058M	58mm	III	4521	4512	4112	62	85.0	45	40	75
4060M	60mm	III	4521	4512	4112	62	87.0	48	42	78
4062M	62mm	III	4521	4512	4112	62	89.0	48	42	78
4063M	63mm	III	4521	4512	4112	62	91.0	50	42	80
4065M	65mm	III	4521	4512	4112	62	93.0	50	42	80
4067M	67mm	III	4521	4512	4112	62	95.0	52	42	82
4070M	70mm	III	4521	4512	4112	62	100.0	66	42	96
4075M	75mm	III	4523	4513	-	86	106.0	68	45	98
4076M	76mm	III	4523	4513	-	86	107.0	70	48	100
4077M	77mm	III	4523	4513	-	86	109.0	70	48	100
4078M	78mm	III	4523	4513	-	86	111.0	70	48	100
4080M	80mm	III	4523	4513	-	86	112.0	70	48	100
4085M	85mm	III	4523	4513	-	86	118.0	75	52	105
4090M	90mm	III	4523	4513	-	86	125.0	75	52	105
4095M	95mm	III	4523	4513	-	86	131.0	85	52	115
40100M	100mm	III	4523	4513	-	86	137.0	85	58	115
40105M	105mm	III	4523	4513	-	86	143.0	85	58	115
40110M	110mm	III	4523	4513	-	86	149.0	85	60	115
40115M	115mm	III	4524	4514	-	95	155.0	85	62	115



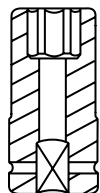
# 1" Drive Deep Length Impact Sockets



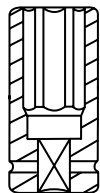
## 6 1" Drive - Deep Length - Fractional Sizes SAE



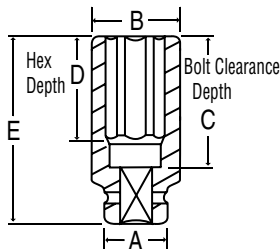
ANSI Specifications B107.2



SHAPE I



SHAPE II



SHAPE III

Item Number	Hex Size	Shape	*Retaining Devices			Dimensions (Inches)				
			P	O	R1	A	B	C	D	E
4024D	3/4"	I	4520	4510	4110	2.01	1.42	2.36	0.75	3.54
4026D	13/16"	I	4520	4510	4110	2.01	1.50	2.36	0.87	3.54
4028D	7/8"	I	4520	4510	4110	2.01	1.54	2.36	0.87	3.54
4030D	15/16"	I	4520	4510	4110	2.01	1.57	2.36	0.94	3.54
4032D	1"	I	4520	4510	4110	2.01	1.65	2.36	0.98	3.54
4034D	1-1/16"	I	4520	4510	4110	2.01	1.73	2.36	1.06	3.54
4036D	1-1/8"	I	4520	4510	4110	2.01	1.81	2.36	1.14	3.54
4038D	1-3/16"	I	4520	4510	4110	2.01	1.89	2.36	1.18	3.54
4040D	1-1/4"	II	4520	4510	4110	2.01	2.01	2.36	1.26	3.54
4042D	1-5/16"	III	4520	4510	4110	2.05	2.09	2.36	1.34	3.54
4044D	1-3/8"	III	4520	4510	4110	2.05	2.13	2.36	1.38	3.54
4046D	1-7/16"	III	4520	4510	4110	2.05	2.20	2.36	1.46	3.54
4048D	1-1/2"	III	4520	4510	4110	2.05	2.28	2.44	1.50	3.62
4050D	1-9/16"	III	4520	4510	4110	2.05	2.36	2.44	1.50	3.62
4052D	1-5/8"	III	4520	4510	4110	2.05	2.42	2.44	1.50	3.62
4054D	1-11/16"	III	4520	4510	4110	2.05	2.56	2.44	1.50	3.62
4056D	1-3/4"	III	4521	4511	4111	2.28	2.60	2.44	1.50	3.62
4058D	1-13/16"	III	4521	4511	4111	2.28	2.68	2.44	1.50	3.62
4060D	1-7/8"	III	4521	4511	4111	2.28	2.76	2.44	1.50	3.62
4062D	1-15/16"	III	4521	4511	4111	2.28	2.83	2.44	1.50	3.62
4064D	2"	III	4521	4511	4111	2.28	2.91	2.56	1.57	3.74
4066D	2-1/16"	III	4521	4511	4111	2.28	2.95	2.56	1.57	3.74
4068D	2-1/8"	III	4521	4511	4111	2.28	3.07	2.76	1.57	3.94
4070D	2-3/16"	III	4521	4512	4112	2.44	3.15	2.76	1.57	3.94
4072D	2-1/4"	III	4521	4512	4112	2.44	3.31	2.76	1.57	3.94
4074D	2-5/16"	III	4521	4512	4112	2.44	3.39	2.95	1.57	4.13
4076D	2-3/8"	III	4521	4512	4112	2.44	3.43	2.95	1.65	4.13
4078D	2-7/16"	III	4521	4512	4112	2.44	3.50	3.15	1.65	4.33
4080D	2-1/2"	III	4521	4512	4112	2.44	3.58	3.15	1.65	4.33
4082D	2-9/16"	III	4521	4512	4112	2.44	3.66	3.74	1.65	4.92
4084D	2-5/8"	III	4521	4512	4112	2.44	3.74	3.74	1.65	4.92
4086D	2-11/16"	III	4521	4512	4112	2.44	3.82	3.74	1.65	4.92
4088D	2-3/4"	III	4521	4512	4112	2.44	3.94	3.74	1.65	4.92
4090D	2-13/16"	III	4521	4512	4112	2.44	4.02	3.74	1.77	4.92
4092D	2-7/8"	III	4523	4513	-	3.39	4.09	3.74	1.77	4.92
4094D	2-15/16"	III	4523	4513	-	3.39	4.13	4.13	1.77	5.31
4096D	3"	III	4523	4513	-	3.39	4.21	4.06	1.89	5.31
4100D	3-1/8"	III	4523	4513	-	3.39	4.37	4.13	1.89	5.31
4104D	3-1/4"	III	4523	4513	-	3.39	4.53	4.13	1.89	5.31
4108D	3-3/8"	III	4523	4513	-	3.39	4.69	4.33	2.05	5.51
4112D	3-1/2"	III	4523	4513	-	3.39	4.88	4.33	2.05	5.51
4116D	3-5/8"	III	4523	4513	-	3.39	5.00	4.33	2.05	5.51
4120D	3-3/4"	III	4523	4513	-	3.39	5.16	4.25	2.05	5.51
4124D	3-7/8"	III	4523	4513	-	3.39	5.31	4.33	2.28	5.51
4128D	4"	III	4523	4513	-	3.39	5.47	4.92	2.28	6.10
4132D	4-1/8"	III	4524	4514	-	3.74	5.63	4.84	2.28	6.10
4136D	4-1/4"	III	4524	4514	-	3.74	5.79	4.92	2.36	6.10
4144D	4-1/2"	III	4524	4514	-	3.74	6.06	4.92	2.44	6.10

\* Retaining devices key found on page 120.





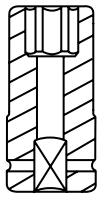
# 1" Drive Deep Length Impact Sockets



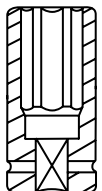
## 6 1" Drive - Deep Length - Metric Sizes MM



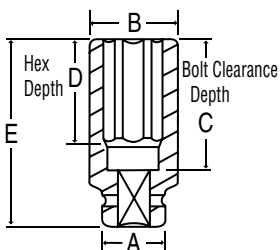
ANSI Specifications B107.2



SHAPE I



SHAPE II



SHAPE III

\* Retaining devices key found on page 120

Item Number	Hex Size	Shape	*Retaining Devices			Dimensions (Millimeters)				
			P	O	RI	A	B	C	D	E
<b>4019MD</b>	19mm	I	4520	4510	4110	51	36.0	60	19	90
<b>4020MD</b>	20mm	I	4520	4510	4110	51	37.0	60	20	90
<b>4021MD</b>	21mm	I	4520	4510	4110	51	38.0	60	21	90
<b>4022MD</b>	22mm	I	4520	4510	4110	51	39.0	60	22	90
<b>4023MD</b>	23mm	I	4520	4510	4110	51	40.0	60	23	90
<b>4024MD</b>	24mm	I	4520	4510	4110	51	40.0	60	24	90
<b>4025MD</b>	25mm	I	4520	4510	4110	51	41.0	60	25	90
<b>4026MD</b>	26mm	I	4520	4510	4110	51	42.5	60	26	90
<b>4027MD</b>	27mm	I	4520	4510	4110	51	44.0	60	27	90
<b>4028MD</b>	28mm	I	4520	4510	4110	51	45.0	60	28	90
<b>4029MD</b>	29mm	I	4520	4510	4110	51	46.0	60	29	90
<b>4030MD</b>	30mm	I	4520	4510	4110	51	48.0	60	30	90
<b>4031MD</b>	31mm	I	4520	4510	4110	51	48.0	60	31	90
<b>4032MD</b>	32mm	II	4520	4510	4110	51	51.0	60	32	90
<b>4033MD</b>	33mm	II	4520	4510	4110	52	53.0	60	33	90
<b>4034MD</b>	34mm	III	4520	4510	4110	52	54.0	60	34	90
<b>4035MD</b>	35mm	III	4520	4510	4110	52	54.0	60	35	90
<b>4036MD</b>	36mm	III	4520	4510	4110	52	56.0	60	36	90
<b>4037MD</b>	37mm	III	4520	4510	4110	52	57.0	60	37	90
<b>4038MD</b>	38mm	III	4520	4510	4110	52	58.0	62	38	92
<b>4039MD</b>	39mm	III	4520	4510	4110	52	59.0	62	38	92
<b>4040MD</b>	40mm	III	4520	4510	4110	52	60.0	62	38	92
<b>4041MD</b>	41mm	III	4520	4510	4110	52	60.0	62	38	92
<b>4042MD</b>	42mm	III	4520	4510	4110	52	63.0	62	38	92
<b>4043MD</b>	43mm	III	4520	4510	4110	52	65.0	62	38	92
<b>4044MD</b>	44mm	III	4520	4510	4110	52	65.0	62	38	92
<b>4045MD</b>	45mm	III	4521	4511	4111	58	66.0	62	38	92
<b>4046MD</b>	46mm	III	4521	4511	4111	58	68.0	62	38	92
<b>4047MD</b>	47mm	III	4521	4511	4111	58	69.0	62	38	92
<b>4048MD</b>	48mm	III	4521	4511	4111	58	70.0	62	38	92
<b>4050MD</b>	50mm	III	4521	4511	4111	58	73.0	65	38	95
<b>4051MD</b>	51mm	III	4521	4511	4111	58	74.0	65	40	95
<b>4052MD</b>	52mm	III	4521	4511	4111	58	75.0	65	40	95
<b>4053MD</b>	53mm	III	4521	4511	4111	58	75.0	65	40	95
<b>4054MD</b>	54mm	III	4521	4511	4111	58	78.0	70	40	100
<b>4055MD</b>	55mm	III	4521	4512	4112	62	79.0	70	40	100
<b>4056MD</b>	56mm	III	4521	4512	4112	62	80.0	70	40	100
<b>4057MD</b>	57mm	III	4521	4512	4112	62	84.0	70	40	100
<b>4058MD</b>	58mm	III	4521	4512	4112	62	85.0	75	40	105
<b>4060MD</b>	60mm	III	4521	4512	4112	62	87.0	75	42	105
<b>4062MD</b>	62mm	III	4521	4512	4112	62	89.0	80	42	110
<b>4063MD</b>	63mm	III	4521	4512	4112	62	91.0	80	42	110
<b>4065MD</b>	65mm	III	4521	4512	4112	62	93.0	95	42	125
<b>4067MD</b>	67mm	III	4521	4512	4112	62	95.0	95	42	125
<b>4070MD</b>	70mm	III	4521	4512	4112	62	100.0	95	42	125
<b>4075MD</b>	75mm	III	4523	4513	-	86	106.0	105	45	135
<b>4076MD</b>	76mm	III	4523	4513	-	86	107.0	105	48	135
<b>4077MD</b>	77mm	III	4523	4513	-	86	109.0	105	48	135
<b>4078MD</b>	78mm	III	4523	4513	-	86	110.0	105	48	135
<b>4080MD</b>	80mm	III	4523	4513	-	86	112.0	105	48	135
<b>4085MD</b>	85mm	III	4523	4513	-	86	118.0	110	52	140
<b>4090MD</b>	90mm	III	4523	4513	-	86	125.0	110	52	140
<b>4095MD</b>	95mm	III	4523	4513	-	86	131.0	110	52	140
<b>40100MD</b>	100mm	III	4523	4513	-	86	137.0	110	58	140
<b>40105MD</b>	105mm	III	4524	4514	-	95	143.0	125	58	155
<b>40110MD</b>	110mm	III	4524	4514	-	95	149.0	125	60	155
<b>40115MD</b>	115mm	III	4524	4514	-	95	155.0	125	62	155





# 1" Drive 12-Point Standard Length Impact Sockets



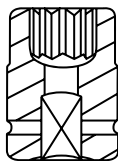
## 12 1" Drive 12-Point - Standard Length - Fractional Sizes SAE



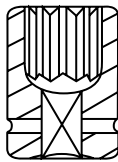
= new items



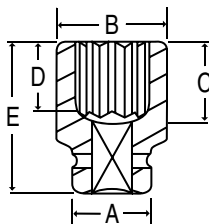
ANSI Specifications B107.2



SHAPE I



SHAPE II



SHAPE III

Item Number	12-Point Size	Shape	*Retaining Devices			Dimensions (Inches)				
			P	O	R1	A	B	C	D	E
4224R	3/4"	I	4520	4510	4110	2.13	1.42	1.18	0.51	2.36
4226R	13/16"	I	4520	4510	4110	2.13	1.50	1.18	0.59	2.36
4228R	7/8"	I	4520	4510	4110	2.13	1.54	1.18	0.59	2.36
4230R	15/16"	I	4520	4510	4110	2.13	1.65	1.18	0.71	2.36
4232R	1"	I	4520	4510	4110	2.13	1.73	1.18	0.71	2.36
4234R	1-1/16"	I	4520	4510	4110	2.13	1.81	1.18	0.75	2.36
4236R	1-1/8"	I	4520	4510	4110	2.13	1.89	1.26	0.75	2.44
4238R	1-3/16"	I	4520	4510	4110	2.13	1.97	1.26	0.83	2.44
4240R	1-1/4"	I	4520	4510	4110	2.13	2.05	1.26	0.87	2.44
4242R	1-5/16"	II	4520	4510	4110	2.13	2.13	1.26	0.87	2.44
4244R	1-3/8"	III	4520	4510	4110	2.13	2.20	1.38	0.87	2.56
4246R	1-7/16"	III	4520	4510	4110	2.13	2.28	1.46	0.98	2.64
4248R	1-1/2"	III	4520	4510	4110	2.13	2.36	1.46	0.98	2.64
4250R	1-9/16"	III	4520	4510	4110	2.13	2.44	1.57	0.98	2.76
4252R	1-5/8"	III	4520	4510	4110	2.13	2.50	1.57	1.06	2.76
4254R	1-11/16"	III	4520	4510	4110	2.13	2.60	1.73	1.06	2.91
4256R	1-3/4"	III	4520	4510	4110	2.13	2.66	1.73	1.06	2.91
4258R	1-13/16"	III	4521	4511	4111	2.28	2.76	1.81	1.18	2.99
4260R	1-7/8"	III	4521	4511	4111	2.28	2.83	1.81	1.26	2.99
4262R	1-15/16"	III	4521	4511	4111	2.28	2.91	1.97	1.26	3.15
4264R	2"	III	4521	4512	4112	2.44	2.99	1.97	1.38	3.15
4266R	2-1/16"	III	4521	4512	4112	2.44	3.05	2.13	1.38	3.31
4268R	2-1/8"	III	4521	4512	4112	2.44	3.15	2.13	1.38	3.31
4270R	2-3/16"	III	4521	4512	4112	2.44	3.21	2.13	1.38	3.31
4272R	2-1/4"	III	4521	4512	4112	2.44	3.31	2.13	1.57	3.31
4274R	2-5/16"	III	4521	4512	4112	2.44	3.39	2.24	1.57	3.43
4276R	2-3/8"	III	4521	4512	4112	2.44	3.43	2.24	1.65	3.43
4278R	2-7/16"	III	4521	4512	4112	2.44	3.50	2.24	1.65	3.43
4280R	2-1/2"	III	4521	4512	4112	2.44	3.58	2.24	1.65	3.43
4282R	2-9/16"	III	4521	4512	4112	2.44	3.66	2.36	1.65	3.54
4284R	2-5/8"	III	4521	4512	4112	2.44	3.74	2.44	1.65	3.62
4286R	2-11/16"	III	4521	4512	4112	2.44	3.82	2.44	1.65	3.62
4288R	2-3/4"	III	4521	4512	4112	2.44	3.94	2.60	1.65	3.78
4290R	2-13/16"	III	4521	4512	4112	2.44	4.02	2.60	1.77	3.78
4292R	2-7/8"	III	4523	4513	-	3.39	4.09	2.60	1.77	3.78
4294R	2-15/16"	III	4523	4513	-	3.39	4.13	2.68	1.77	3.86
4296R	3"	III	4523	4513	-	3.39	4.21	2.76	1.89	3.94
4300R	3-1/8"	III	4523	4513	-	3.39	4.37	2.76	1.89	3.94
4304R	3-1/4"	III	4523	4513	-	3.39	4.53	2.76	1.89	3.94
4308R	3-3/8"	III	4523	4513	-	3.39	4.69	2.95	2.05	4.13
4312R	3-1/2"	III	4523	4513	-	3.39	4.88	2.95	2.05	4.13
4316R	3-5/8"	III	4523	4513	-	3.39	5.00	2.95	2.05	4.13
4320R	3-3/4"	III	4523	4513	-	3.39	5.16	3.35	2.05	4.53
4324R	3-7/8"	III	4523	4513	-	3.39	5.31	3.35	2.28	4.53
4328R	4"	III	4523	4513	-	3.39	5.47	3.35	2.28	4.53
4332R	4-1/8"	III	4524	4514	-	3.74	5.63	3.35	2.28	4.53
4336R	4-1/4"	III	4524	4514	-	3.74	5.79	3.35	2.36	4.53
4344R	4-1/2"	III	4524	4514	-	3.74	6.06	3.35	2.44	4.53

\* Retaining devices key found on page 120.





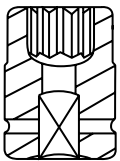
# 1" Drive 12-Point Standard Length Impact Sockets



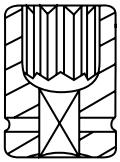
## 12 1" Drive 12-Point - Standard Length - Metric Sizes MM



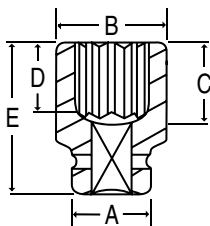
ANSI Specifications B107.2



SHAPE I



SHAPE II



SHAPE III

Item Number	12-Point		*Retaining Devices			Dimensions (Millimeters)				
	Size	Shape	P	O	R1	A	B	C	D	E
<b>4119M</b>	<b>19mm</b>	I	4520	4510	4110	54	36.0	30	13	60
<b>4120M</b>	<b>20mm</b>	I	4520	4510	4110	54	37.0	30	14	60
<b>4121M</b>	<b>21mm</b>	I	4520	4510	4110	54	38.0	30	15	60
<b>4122M</b>	<b>22mm</b>	I	4520	4510	4110	54	40.0	30	15	60
<b>4123M</b>	<b>23mm</b>	I	4520	4510	4110	54	41.0	30	16	60
<b>4124M</b>	<b>24mm</b>	I	4520	4510	4110	54	42.0	30	18	60
<b>4125M</b>	<b>25mm</b>	I	4520	4510	4110	54	43.0	30	18	60
<b>4126M</b>	<b>26mm</b>	I	4520	4510	4110	54	44.5	30	18	60
<b>4127M</b>	<b>27mm</b>	I	4520	4510	4110	54	46.0	30	19	60
<b>4128M</b>	<b>28mm</b>	I	4520	4510	4110	54	47.0	32	19	62
<b>4129M</b>	<b>29mm</b>	I	4520	4510	4110	54	48.0	32	19	62
<b>4130M</b>	<b>30mm</b>	I	4520	4510	4110	54	50.0	32	21	62
<b>4131M</b>	<b>31mm</b>	I	4520	4510	4110	54	51.0	32	21	62
<b>4132M</b>	<b>32mm</b>	I	4520	4510	4110	54	52.0	32	22	62
<b>4133M</b>	<b>33mm</b>	I	4520	4510	4110	54	53.0	32	22	62
<b>4134M</b>	<b>34mm</b>	III	4520	4510	4110	54	55.0	32	22	62
<b>4135M</b>	<b>35mm</b>	III	4520	4510	4110	54	56.0	35	22	65
<b>4136M</b>	<b>36mm</b>	III	4520	4510	4110	54	57.0	37	25	67
<b>4137M</b>	<b>37mm</b>	III	4520	4510	4110	54	59.0	37	25	67
<b>4138M</b>	<b>38mm</b>	III	4520	4510	4110	54	60.0	37	25	67
<b>4139M</b>	<b>39mm</b>	III	4520	4510	4110	54	61.0	40	25	70
<b>4140M</b>	<b>40mm</b>	III	4520	4510	4110	54	62.0	40	25	70
<b>4141M</b>	<b>41mm</b>	III	4520	4510	4110	54	63.0	40	27	70
<b>4142M</b>	<b>42mm</b>	III	4520	4510	4110	54	65.0	44	27	74
<b>4143M</b>	<b>43mm</b>	III	4520	4510	4110	54	66.0	44	27	74
<b>4144M</b>	<b>44mm</b>	III	4520	4510	4110	54	67.0	44	27	74
<b>4145M</b>	<b>45mm</b>	III	4520	4510	4110	54	68.0	44	27	74
<b>4146M</b>	<b>46mm</b>	III	4521	4511	4111	58	70.0	46	30	76
<b>4147M</b>	<b>47mm</b>	III	4521	4511	4111	58	71.5	46	32	76
<b>4148M</b>	<b>48mm</b>	III	4521	4511	4111	58	72.5	46	32	76
<b>4150M</b>	<b>50mm</b>	III	4521	4512	4112	62	75.0	50	35	80
<b>4151M</b>	<b>51mm</b>	III	4521	4512	4112	62	76.0	50	35	80
<b>4152M</b>	<b>52mm</b>	III	4521	4512	4112	62	77.0	54	35	84
<b>4153M</b>	<b>53mm</b>	III	4521	4512	4112	62	78.0	54	35	84
<b>4154M</b>	<b>54mm</b>	III	4521	4512	4112	62	80.0	54	35	84
<b>4155M</b>	<b>55mm</b>	III	4521	4512	4112	62	81.0	54	35	84
<b>4156M</b>	<b>56mm</b>	III	4521	4512	4112	62	82.0	54	40	84
<b>4157M</b>	<b>57mm</b>	III	4521	4512	4112	62	84.0	54	40	84
<b>4158M</b>	<b>58mm</b>	III	4521	4512	4112	62	85.0	57	40	87
<b>4160M</b>	<b>60mm</b>	III	4521	4512	4112	62	87.0	57	42	87
<b>4162M</b>	<b>62mm</b>	III	4521	4512	4112	62	89.0	57	42	87
<b>4163M</b>	<b>63mm</b>	III	4521	4512	4112	62	90.0	57	42	87
<b>4165M</b>	<b>65mm</b>	III	4521	4512	4112	62	93.0	60	42	90
<b>4167M</b>	<b>67mm</b>	III	4521	4512	4112	62	96.0	62	42	92
<b>4170M</b>	<b>70mm</b>	III	4521	4512	4112	62	100.0	66	42	96
<b>4175M</b>	<b>75mm</b>	III	4523	4513	-	86	106.0	68	45	98
<b>4176M</b>	<b>76mm</b>	III	4523	4513	-	86	107.0	70	48	100
<b>4177M</b>	<b>77mm</b>	III	4523	4513	-	86	109.0	70	48	100
<b>4178M</b>	<b>78mm</b>	III	4523	4513	-	86	110.0	70	48	100
<b>4180M</b>	<b>80mm</b>	III	4523	4513	-	86	112.0	70	48	100
<b>4185M</b>	<b>85mm</b>	III	4523	4513	-	86	118.0	75	52	105
<b>4190M</b>	<b>90mm</b>	III	4523	4513	-	86	125.0	75	52	105
<b>4195M</b>	<b>95mm</b>	III	4523	4513	-	86	131.0	85	52	115
<b>41100M</b>	<b>100mm</b>	III	4523	4513	-	86	137.0	85	58	115
<b>41105M</b>	<b>105mm</b>	III	4524	4514	-	95	143.0	85	58	115
<b>41110M</b>	<b>110mm</b>	III	4524	4514	-	95	149.0	85	60	115
<b>41115M</b>	<b>115mm</b>	III	4524	4514	-	95	155.0	85	62	115



# 1" Drive 12-Point Deep Length Impact Sockets

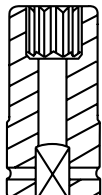


## 12 1" Drive 12-Point - Deep Length - Fractional Sizes

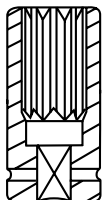
SAE



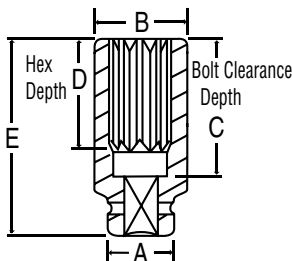
ANSI Specifications B107.2



SHAPE I



SHAPE II



SHAPE III

Item Number	12-Point Size	Shape	*Retaining Devices			Dimensions (Inches)				
			P	O	R1	A	B	C	D	E
4224D	3/4"	I	4520	4510	4110	2.13	1.42	2.76	0.75	3.94
4226D	13/16"	I	4520	4510	4110	2.13	1.50	2.76	0.87	3.94
4228D	7/8"	I	4520	4510	4110	2.13	1.54	2.76	0.87	3.94
4230D	15/16"	I	4520	4510	4110	2.13	1.65	2.76	0.94	3.94
4232D	1"	I	4520	4510	4110	2.13	1.73	2.76	0.98	3.94
4234D	1-1/16"	I	4520	4510	4110	2.13	1.81	2.76	1.06	3.94
4236D	1-1/8"	I	4520	4510	4110	2.13	1.89	2.76	1.14	3.94
4238D	1-3/16"	I	4520	4510	4110	2.13	1.97	2.76	1.18	3.94
4240D	1-1/4"	I	4520	4510	4110	2.13	2.05	2.76	1.26	3.94
4242D	1-5/16"	II	4520	4510	4110	2.13	2.13	2.76	1.34	3.94
4244D	1-3/8"	III	4520	4510	4110	2.13	2.20	2.76	1.38	3.94
4246D	1-7/16"	III	4520	4510	4110	2.13	2.28	2.76	1.46	3.94
4248D	1-1/2"	III	4520	4510	4110	2.13	2.36	2.76	1.50	3.94
4250D	1-9/16"	III	4520	4510	4110	2.13	2.44	2.76	1.50	3.94
4252D	1-5/8"	III	4520	4510	4110	2.13	2.50	2.76	1.50	3.94
4254D	1-11/16"	III	4520	4510	4110	2.13	2.60	2.76	1.50	3.94
4256D	1-3/4"	III	4520	4510	4110	2.13	2.66	2.76	1.50	3.94
4258D	1-13/16"	III	4521	4511	4111	2.28	2.76	2.76	1.50	3.94
4260D	1-7/8"	III	4521	4511	4111	2.28	2.83	2.76	1.50	3.94
4262D	1-15/16"	III	4521	4511	4111	2.28	2.91	2.76	1.50	3.94
4264D	2"	III	4521	4512	4112	2.44	2.99	2.76	1.57	3.94
4266D	2-1/16"	III	4521	4512	4112	2.44	3.05	2.76	1.57	3.94
4268D	2-1/8"	III	4521	4512	4112	2.44	3.15	2.76	1.57	3.94
4270D	2-3/16"	III	4521	4512	4112	2.44	3.21	2.76	1.57	3.94
4272D	2-1/4"	III	4521	4512	4112	2.44	3.31	2.95	1.57	4.13
4274D	2-5/16"	III	4521	4512	4112	2.44	3.39	2.95	1.57	4.13
4276D	2-3/8"	III	4521	4512	4112	2.44	3.43	3.54	1.65	4.72
4278D	2-7/16"	III	4521	4512	4112	2.44	3.50	3.54	1.65	4.72
4280D	2-1/2"	III	4521	4512	4112	2.44	3.58	3.54	1.65	4.72
4282D	2-9/16"	III	4521	4512	4112	2.44	3.66	3.74	1.65	4.92
4284D	2-5/8"	III	4521	4512	4112	2.44	3.74	3.74	1.65	4.92
4286D	2-11/16"	III	4521	4512	4112	2.44	3.82	3.74	1.65	4.92
4288D	2-3/4"	III	4521	4512	4112	2.44	3.94	3.74	1.65	4.92
4290D	2-13/16"	III	4521	4512	4112	2.44	4.02	3.74	1.77	4.92
4292D	2-7/8"	III	4523	4513	-	3.39	4.09	3.74	1.77	4.92
4294D	2-15/16"	III	4523	4513	-	3.39	4.13	4.13	1.77	5.31
4296D	3"	III	4523	4513	-	3.39	4.21	4.13	1.89	5.31
4300D	3-1/8"	III	4523	4513	-	3.39	4.37	4.13	1.89	5.31
4304D	3-1/4"	III	4523	4513	-	3.39	4.53	4.13	1.89	5.31
4308D	3-3/8"	III	4523	4513	-	3.39	4.69	4.33	2.05	5.51
4312D	3-1/2"	III	4523	4513	-	3.39	4.88	4.33	2.05	5.51
4316D	3-5/8"	III	4523	4513	-	3.39	5.00	4.33	2.05	5.51
4320D	3-3/4"	III	4523	4513	-	3.39	5.16	4.33	2.05	5.51
4324D	3-7/8"	III	4523	4513	-	3.39	5.31	4.33	2.28	5.51
4328D	4"	III	4523	4513	-	3.39	5.47	4.92	2.28	6.10
4332D	4-1/8"	III	4524	4514	-	3.74	5.63	4.92	2.28	6.10
4336D	4-1/4"	III	4524	4514	-	3.74	5.79	4.92	2.36	6.10
4344D	4-1/2"	III	4524	4514	-	3.74	6.06	4.92	2.44	6.10

\* Retaining devices key found on page 120.





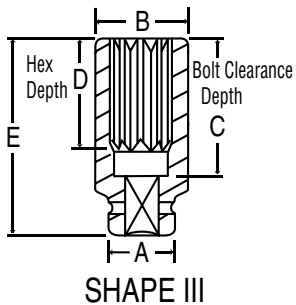
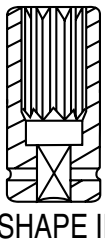
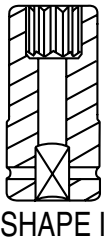
# 1" Drive 12-Point Deep Length Impact Sockets



## 12 1" Drive - 12-Point - Deep Length - Metric Sizes MM



ANSI Specifications B107.2



Item Number	12-Point Size	Shape	*Retaining Devices			Dimensions (Millimeters)				
			P	O	R1	A	B	C	D	E
<b>4119MD</b>	<b>19mm</b>	I	4520	4510	4110	54	36.0	70	19	100
<b>4120MD</b>	<b>20mm</b>	I	4520	4510	4110	54	37.0	70	20	100
<b>4121MD</b>	<b>21mm</b>	I	4520	4510	4110	54	38.0	70	21	100
<b>4122MD</b>	<b>22mm</b>	I	4520	4510	4110	54	40.0	70	22	100
<b>4123MD</b>	<b>23mm</b>	I	4520	4510	4110	54	41.0	70	23	100
<b>4124MD</b>	<b>24mm</b>	I	4520	4510	4110	54	42.0	70	24	100
<b>4125MD</b>	<b>25mm</b>	I	4520	4510	4110	54	43.0	70	25	100
<b>4126MD</b>	<b>26mm</b>	I	4520	4510	4110	54	44.5	70	26	100
<b>4127MD</b>	<b>27mm</b>	I	4520	4510	4110	54	46.0	70	27	100
<b>4128MD</b>	<b>28mm</b>	I	4520	4510	4110	54	47.0	70	28	100
<b>4129MD</b>	<b>29mm</b>	I	4520	4510	4110	54	48.0	70	29	100
<b>4130MD</b>	<b>30mm</b>	I	4520	4510	4110	54	50.0	70	30	100
<b>4131MD</b>	<b>31mm</b>	I	4520	4510	4110	54	51.0	70	31	100
<b>4132MD</b>	<b>32mm</b>	I	4520	4510	4110	54	52.0	70	32	100
<b>4133MD</b>	<b>33mm</b>	I	4520	4510	4110	54	53.0	70	33	100
<b>4134MD</b>	<b>34mm</b>	III	4520	4510	4110	54	55.0	70	34	100
<b>4135MD</b>	<b>35mm</b>	III	4520	4510	4110	54	56.0	70	35	100
<b>4136MD</b>	<b>36mm</b>	III	4520	4510	4110	54	57.0	70	36	100
<b>4137MD</b>	<b>37mm</b>	III	4520	4510	4110	54	59.0	70	37	100
<b>4138MD</b>	<b>38mm</b>	III	4520	4510	4110	54	60.0	70	38	100
<b>4139MD</b>	<b>39mm</b>	III	4520	4510	4110	54	61.0	70	38	100
<b>4140MD</b>	<b>40mm</b>	III	4520	4510	4110	54	62.0	70	38	100
<b>4141MD</b>	<b>41mm</b>	III	4520	4510	4110	54	63.0	70	38	100
<b>4142MD</b>	<b>42mm</b>	III	4520	4510	4110	54	65.0	70	38	100
<b>4143MD</b>	<b>43mm</b>	III	4520	4510	4110	54	66.0	70	38	100
<b>4144MD</b>	<b>44mm</b>	III	4520	4510	4110	54	67.0	70	38	100
<b>4145MD</b>	<b>45mm</b>	III	4520	4510	4110	54	68.0	70	38	100
<b>4146MD</b>	<b>46mm</b>	III	4521	4511	4111	58	70.0	70	38	100
<b>4147MD</b>	<b>47mm</b>	III	4521	4511	4111	58	71.5	70	38	100
<b>4148MD</b>	<b>48mm</b>	III	4521	4511	4111	58	72.5	70	38	100
<b>4150MD</b>	<b>50mm</b>	III	4521	4512	4112	62	75.0	70	38	100
<b>4151MD</b>	<b>51mm</b>	III	4521	4512	4112	62	76.0	70	40	100
<b>4152MD</b>	<b>52mm</b>	III	4521	4512	4112	62	77.0	70	40	100
<b>4153MD</b>	<b>53mm</b>	III	4521	4512	4112	62	78.0	70	40	100
<b>4154MD</b>	<b>54mm</b>	III	4521	4512	4112	62	80.0	70	40	100
<b>4155MD</b>	<b>55mm</b>	III	4521	4512	4112	62	81.0	70	40	100
<b>4156MD</b>	<b>56mm</b>	III	4521	4512	4112	62	82.0	75	40	105
<b>4157MD</b>	<b>57mm</b>	III	4521	4512	4112	62	84.0	75	40	105
<b>4158MD</b>	<b>58mm</b>	III	4521	4512	4112	62	85.0	75	40	105
<b>4160MD</b>	<b>60mm</b>	III	4521	4512	4112	62	87.0	90	42	120
<b>4162MD</b>	<b>62mm</b>	III	4521	4512	4112	62	89.0	90	42	120
<b>4163MD</b>	<b>63mm</b>	III	4521	4512	4112	62	90.0	90	42	120
<b>4165MD</b>	<b>65mm</b>	III	4521	4512	4112	62	93.0	95	42	125
<b>4167MD</b>	<b>67mm</b>	III	4521	4512	4112	62	96.0	95	42	125
<b>4170MD</b>	<b>70mm</b>	III	4521	4512	4112	62	100.0	95	42	125
<b>4175MD</b>	<b>75mm</b>	III	4523	4513	-	86	106.0	105	45	135
<b>4176MD</b>	<b>76mm</b>	III	4523	4513	-	86	107.0	105	48	135
<b>4177MD</b>	<b>77mm</b>	III	4523	4513	-	86	109.0	105	48	135
<b>4178MD</b>	<b>78mm</b>	III	4523	4513	-	86	110.0	105	48	135
<b>4180MD</b>	<b>80mm</b>	III	4523	4513	-	86	112.0	105	48	135
<b>4185MD</b>	<b>85mm</b>	III	4523	4513	-	86	118.0	110	52	140
<b>4190MD</b>	<b>90mm</b>	III	4523	4513	-	86	125.0	110	52	140
<b>4195MD</b>	<b>95mm</b>	III	4523	4513	-	86	131.0	110	52	140
<b>41100MD</b>	<b>100mm</b>	III	4523	4513	-	86	137.0	110	58	140
<b>41105MD</b>	<b>105mm</b>	III	4524	4514	-	95	143.0	125	58	155
<b>41110MD</b>	<b>110mm</b>	III	4524	4514	-	95	149.0	125	60	155
<b>41115MD</b>	<b>115mm</b>	III	4524	4514	-	95	155.0	125	62	155

\* Retaining Devices Key found on page 120.





# 1" Drive Heavy Duty Universal Impact Sockets



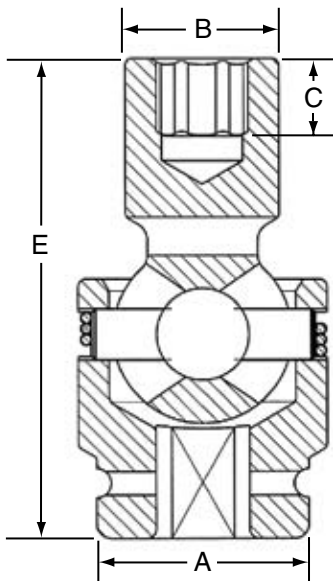
## 6 1" Drive - Heavy Duty Universal - Fractional Sizes SAE

This Heavy-Duty design features a rotating ball U-joint for smoother operation & maximum durability under demanding conditions. The smooth operation also allows more torque to reach the fastener.



Item Number	Hex Size	*Retaining Devices			Dimensions (Inches)			
		P	O	RI	A	B	C	E
4028U	7/8"	4521	4511	4111	2.28	1.54	0.79	5.20
4030U	15/16"	4521	4511	4111	2.28	1.57	0.79	5.20
4032U	1"	4521	4511	4111	2.28	1.65	0.79	5.20
4034U	1-1/16"	4521	4511	4111	2.28	1.73	0.79	5.20
4036U	1-1/8"	4521	4511	4111	2.28	1.81	0.79	5.20
4038U	1-3/16"	4521	4511	4111	2.28	1.97	0.79	5.20
4040U	1-1/4"	4521	4511	4111	2.28	2.05	0.79	5.20
4042U	1-5/16"	4521	4511	4111	2.28	2.17	0.83	5.20
4044U	1-3/8"	4521	4511	4111	2.28	2.17	0.91	5.20
4046U	1-7/16"	4521	4511	4111	2.28	2.20	0.91	5.20
4048U	1-1/2"	4521	4511	4111	2.28	2.32	0.94	5.39
4050U	1-9/16"	4521	4511	4111	2.28	2.44	0.94	5.39
4052U	1-5/8"	4521	4511	4111	2.28	2.48	1.02	5.39
4054U	1-11/16"	4521	4511	4111	2.28	2.60	1.02	5.39
4056U	1-3/4"	4521	4511	4111	2.28	2.68	1.18	5.59
4058U	1-13/16"	4521	4511	4111	2.28	2.72	1.18	5.59
4060U	1-7/8"	4521	4511	4111	2.28	2.87	1.18	5.59
4062U	1-15/16"	4521	4511	4111	2.28	2.91	1.22	5.59
4064U	2"	4521	4511	4111	2.28	2.99	1.22	5.59

## 6 Heavy Duty Universal - Metric Sizes MM



Item Number	Hex Size	*Retaining Devices			Dimensions (Millimeters)			
		P	O	RI	A	B	C	E
4024UM	24mm	4521	4511	4111	58	40	20	132
4026UM	26mm	4521	4511	4111	58	42	20	132
4027UM	27mm	4521	4511	4111	58	44	20	132
4029UM	29mm	4521	4511	4111	58	48	20	132
4030UM	30mm	4521	4511	4111	58	50	20	132
4032UM	32mm	4521	4511	4111	58	52	20	132
4033UM	33mm	4521	4511	4111	58	53	21	132
4034UM	34mm	4521	4511	4111	58	55	21	132
4035UM	35mm	4521	4511	4111	58	55	23	132
4036UM	36mm	4521	4511	4111	58	56	23	132
4038UM	38mm	4521	4511	4111	58	59	24	137
4041UM	41mm	4521	4511	4111	58	63	26	137
4042UM	42mm	4521	4511	4111	58	64	26	137
4043UM	43mm	4521	4511	4111	58	66	26	137
4044UM	44mm	4521	4511	4111	58	67	26	137
4045UM	45mm	4521	4511	4111	58	68	30	142
4046UM	46mm	4521	4511	4111	58	69	30	142
4047UM	47mm	4521	4511	4111	58	72	30	142
4048UM	48mm	4521	4511	4111	58	73	30	142
4050UM	50mm	4521	4511	4111	58	74	31	142

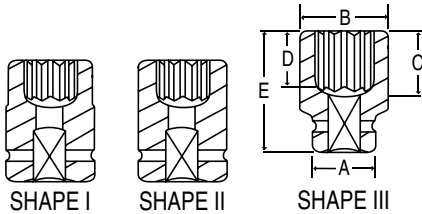
\* Retaining Devices Key found on page 120.



# 1" Drive 8-Point Impact Sockets

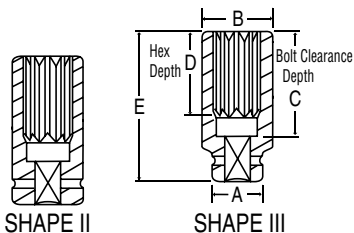


## 8 1" Drive 8-Point - Standard Length - Fractional Sizes SAE



Item Number	8-Point Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
4524S	3/4"	I	2.13	1.77	1.18	.51	2.36
4526S	13/16"	I	2.13	1.85	1.18	.59	2.36
4528S	7/8"	I	2.13	1.95	1.18	.59	2.36
4530S	15/16"	I	2.13	2.05	1.18	.71	2.36
4532S	1"	II	2.13	2.13	1.18	.71	2.36
4534S	1-1/16"	III	2.13	2.22	1.18	.75	2.36
4536S	1-1/8"	III	2.13	2.32	1.26	.75	2.44
4538S	1-3/16"	III	2.13	2.40	1.26	.83	2.44
4540S	1-1/4"	III	2.13	2.52	1.26	.87	2.44
4542S	1-5/16"	III	2.13	2.60	1.26	.87	2.44
4544S	1-3/8"	III	2.28	2.70	1.38	.87	2.56
4546S	1-7/16"	III	2.28	2.80	1.46	.94	2.64
4548S	1-1/2"	III	2.28	2.87	1.46	.94	2.64
4550S	1-9/16"	III	2.28	2.95	1.46	.94	2.64
4552S	1-5/8"	III	2.28	3.07	1.57	1.06	2.76
4554S	1-11/16"	III	2.44	3.21	1.73	1.06	2.91
4556S	1-3/4"	III	2.44	3.31	1.73	1.06	2.91
4558S	1-13/16"	III	2.44	3.39	1.81	1.18	2.99
4560S	1-7/8"	III	2.44	3.48	1.81	1.18	2.99
4562S	1-15/16"	III	2.44	3.62	1.97	1.18	3.15
4564S	2"	III	2.44	3.70	1.97	1.26	3.15
4566S	2-1/16"	III	2.44	3.78	2.13	1.26	3.31
4568S	2-1/8"	III	2.44	3.86	2.13	1.26	3.31
4570S	2-3/16"	III	2.44	3.98	2.13	1.38	3.31
4572S	2-1/4"	III	2.44	4.06	2.13	1.38	3.31

## 8 1" Drive 8-Point - Deep Length - Fractional Sizes SAE



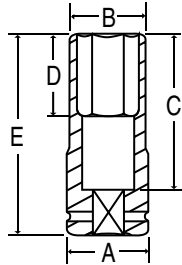
Item Number	8-Point Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
4532SD	1"	II	2.13	2.13	2.76	0.71	3.94
4534SD	1-1/16"	III	2.13	2.22	2.76	0.75	3.94
4536SD	1-1/8"	III	2.13	2.32	2.76	0.75	3.94
4538SD	1-3/16"	III	2.13	2.40	2.76	0.83	3.94
4540SD	1-1/4"	III	2.13	2.52	2.76	0.87	3.94
4542SD	1-5/16"	III	2.13	2.60	2.76	0.87	3.94
4544SD	1-3/8"	III	2.28	2.70	2.76	0.87	3.94
4546SD	1-7/16"	III	2.28	2.80	2.76	0.94	3.94
4548SD	1-1/2"	III	2.28	2.87	2.76	0.94	3.94
4550SD	1-9/16"	III	2.28	2.95	2.76	0.94	3.94
4552SD	1-5/8"	III	2.28	3.07	2.76	1.06	3.94
4554SD	1-11/16"	III	2.44	3.21	2.76	1.06	3.94
4556SD	1-3/4"	III	2.44	3.31	2.76	1.06	3.94
4558SD	1-13/16"	III	2.44	3.39	2.76	1.18	3.94
4560SD	1-7/8"	III	2.44	3.48	2.76	1.18	3.94
4562SD	1-15/16"	III	2.44	3.62	2.76	1.18	3.94
4564SD	2"	III	2.44	3.70	2.76	1.26	3.94
4566SD	2-1/16"	III	2.44	3.78	2.76	1.26	3.94
4568SD	2-1/8"	III	2.44	3.86	2.76	1.26	3.94
4570SD	2-3/16"	III	2.44	3.98	2.76	1.38	3.94
4572SD	2-1/4"	III	2.44	4.06	2.95	1.38	4.13



# 1" Drive Special Application Impact Sockets



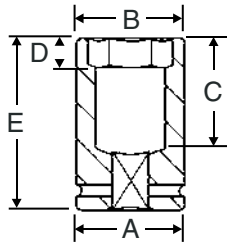
## 6 1" Drive Extra Deep Thin Wall Sockets SAE MM



Designed for truck wheel service when removing lug nuts that are deeply recessed and where space is very limited.

Item Number	Hex Size	Dimensions (Inches/Millimeters)				
		A	B	C	D	E
<b>4034DT</b>	<b>1-1/16"</b>	2.01	1.67	3.07	1.69	4.25
<b>4036DT</b>	<b>1-1/8"</b>	2.01	1.69	3.07	1.69	4.25
<b>4040DT</b>	<b>1-1/4"</b>	2.01	1.85	3.07	1.69	4.25
<b>4042DT</b>	<b>1-5/16"</b>	2.01	1.93	3.07	1.69	4.25
<b>4048DT</b>	<b>1-1/2"</b>	2.13	2.13	2.07	1.69	4.25
<b>4056DT</b>	<b>1-3/4"</b>	2.13	2.44	3.07	1.69	4.25
<b>4035MDT</b>	<b>35mm</b>	54	52	78	43	108
<b>4041MDT</b>	<b>41mm</b>	54	57	78	43	108

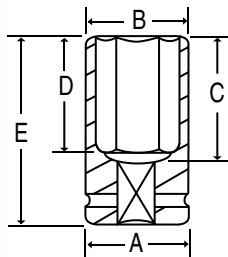
## 6 1" Drive Budd Wheel Socket - 1-1/2" Limited Hex SAE



Special 1-1/2" hex deep heavy duty impact socket designed for outer cap nuts on budd-style truck wheels. The 1-1/2" hex depth is limited to help prevent socket contact with the wheel. The socket is deep style to eliminate contact with the inner cap nut.

Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
<b>4048DB</b>	<b>1-1/2"</b>	2.13	2.24	2.36	.55	3.54

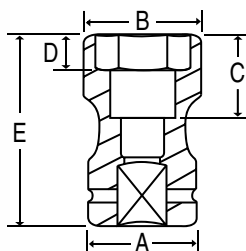
## 6 1" Drive Budd Wheel Socket - 1-1/2" Deep Hex SAE



Special 1-1/2" hex deep heavy duty impact socket designed for outer cap nuts on budd-style truck wheels. The 1-1/2" hex depth is deep in length. The socket is a deep style to eliminate contact with the inner cap nut.

Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
<b>4048DS</b>	<b>1-1/2"</b>	2.36	2.36	2.83	2.60	4.02

## 6 1" Drive Combination Budd Wheel Sockets SAE MM



Removes and installs budd-type wheel fasteners. Sockets have two openings, eliminating the need for two separate sockets. Fractional and metric sizes.

Number	Hex Size	Square Size	Dimensions (Inches/Millimeters)				
			A	B	C	D	E
<b>4223C</b>	<b>1-1/2"</b>	<b>13/16"</b>	2.24	2.24	2.56	.55	3.98
<b>4235MC</b>	<b>35mm</b>	<b>17mm</b>	52	54	59	13	94
<b>4238MC</b>	<b>38mm</b>	<b>20mm</b>	54	58	59	14	101
<b>4241MC</b>	<b>41mm</b>	<b>21mm</b>	54	56	60	14	96

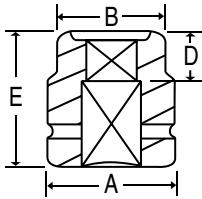


# 1" Drive Special Application Impact Sockets



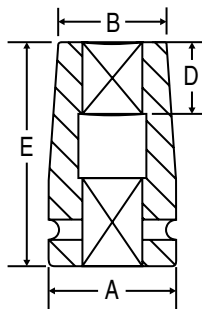
## 4 1" Drive 4-Point (Square) Standard Length Sockets SAE MM

Designed specifically for inner budd-style square fasteners on truck wheels. Fractional and metric sizes.



Item Number	Square Size	Dimensions (Inches/Millimeters)			
		A	B	D	E
<b>4313S</b>	<b>13/16"</b>	2.05	1.73	.94	2.24
<b>4315S</b>	<b>15/16"</b>	2.05	1.73	.94	2.24
<b>4317S</b>	<b>17mm</b>	52	40	24	57
<b>4319S</b>	<b>19mm</b>	52	40	24	57
<b>4320S</b>	<b>20mm</b>	52	40	24	57
<b>4321S</b>	<b>21mm</b>	52	40	24	57

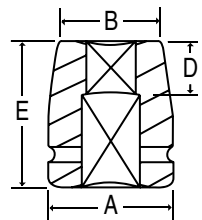
## 4 1" Drive 4-Point (Square) Deep Length Socket SAE



Designed for inner budd-style square fasteners on truck wheels where a deep style impact socket is desired.

Item Number	Square Size	Dimensions (Inches)			
		A	B	D	E
<b>4313SL</b>	<b>13/16"</b>	2.13	1.81	1.10	3.74

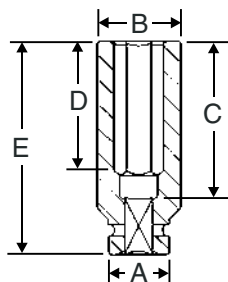
## 4 1" Drive 4-Point Heavy Duty (Square) Socket SAE



Designed specifically for inner budd-style square fasteners on truck wheels.

Item Number	Square Size	Dimensions (Inches)			
		A	B	D	E
<b>4313SHD</b>	<b>13/16"</b>	2.24	1.89	.94	2.68

## 6 1" Drive Extra Deep Socket SAE



A special 1-3/4" extra deep impact socket for applications where a deep impact socket will not reach the fastener.

Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
<b>4056XD</b>	<b>1-3/4"</b>	2.28	2.60	3.54	2.91	4.72



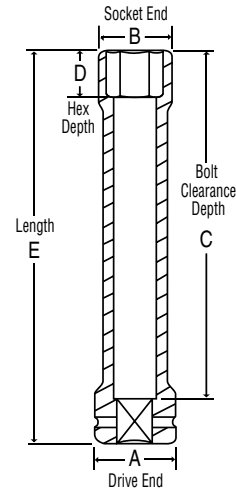
6 1" Drive Extended Depth Sockets



Extended depth impact sockets with the opening (bolt clearance depth) extending the complete length of the socket.



Item Number	Hex Size	Dimensions (Inches/Millimeters)				
		A	B	C	D	E
<b>4633ML</b>	<b>33mm</b>	54	52	240	32	270
<b>4634L</b>	<b>1-1/4"</b>	2.13	2.01	9.45	1.26	10.63

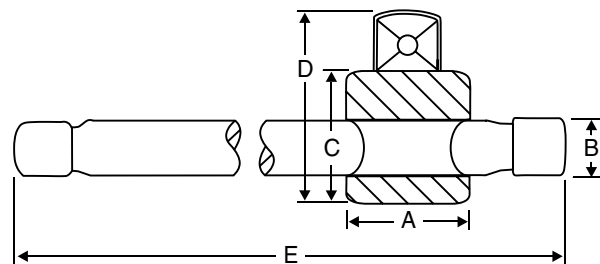


No. 40T20 1" Drive T-Handle Tool

This tool features a sliding drive head that allows for use in tight spaces. The head is held in place by a friction pin so it can slide flush with the ends of the bar. A Friction ball retainer holds sockets securely to the drive. When used as a breaker bar the 30" handle provides extra leverage.



Item Number	Drive Size	Dimensions (Inches)				
		A	B	C	D	E
<b>40T20</b>	<b>1"</b>	1.94	1.10	2.07	3.13	30.00

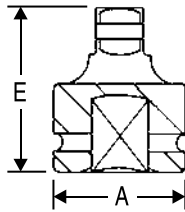




# 1" Drive Impact Attachments



## 1" Square Drive Adapters SAE

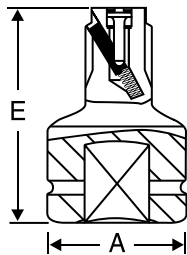


Item Number	Female End	Male End	Socket Retention Device	Dimensions (Inches)	
				A	E
<b>*4008A</b>	1"	3/4"	Pin Hole	2.13	2.95
<b>*4008AB</b>	1"	3/4"	Friction Ball	2.13	2.95
<b>*4008AL</b>	1"	3/4"	Locking Pin	2.13	2.95
<b>4009A</b>	1"	1-1/2"	Pin Hole	2.13	3.54

\* Reducing Adapters are not covered by the GP Warranty.

\* See page 179 for New Reducing Sleeve Adapters

## 1" Square to #5 Spline Drive Adapter SAE



Item Number	Female End	Male End	Socket Retention Device	Dimensions (Inches)	
				A	E
<b>4011A</b>	1"	#5 Spline	Lock Button	2.20	4.14

**5500RK** Repair Kit for No. 3011A, No. 4011A & No. 6011A

## 1" Drive Universal Joints SAE



4006UJ

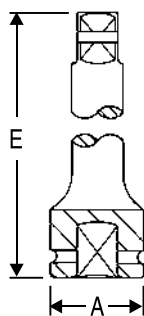


4006HUJ

The 4006UJ is a standard pin type universal. The 4006HUJ features a heavy-duty rotating ball U-joint for smoother operation and maximum durability under demanding conditions. The smooth operation also allows more torque to reach the fastener.

Item Number	Description	Socket Retention Device	Dimensions (Inches)	
			Diameter	Length
<b>4006UJ</b>	1" x 1"	Pin Hole	2.13	4.33
<b>4006HUJ</b>	1" x 1" Heavy Duty	Pin Hole	2.28	4.65

## 1" Drive Extensions SAE



Item Number	Description	Socket Retention Device	Dimensions (Inches)	
			A	E
<b>4003E</b>	3" Extension	Pin Hole	2.13	2.95
<b>4003EL</b>	3" Extension	Locking Pin	2.13	2.95
<b>4007E</b>	7" Extension	Pin Hole	2.13	6.89
<b>4007EL</b>	7" Extension	Locking Pin	2.13	6.89
<b>4010E</b>	10" Extension	Pin Hole	2.13	9.84
<b>4010EL</b>	10" Extension	Locking Pin	2.13	9.84
<b>4013E</b>	13" Extension	Pin Hole	2.13	12.99
<b>4013EL</b>	13" Extension	Locking Pin	2.13	12.99

### Socket Retention Device Key for 1" Drive Adapters, Extensions & Universal Joints



**PH**



**FB**



**LP**

#### **PH** Pin Hole

Uses Ret Ring® or Pin & O-ring to secure socket. The most secure system available. Recommended for 3/4" drive and larger impact wrenches.

#### **FB** Friction Ball

A spring loaded steel ball that lines up with the socket retainer hole. Use caution when using this system because the socket is held in place only by spring pressure on the steel ball.

#### **LP** Locking Pin

Spring loaded pin, simply line up with socket retainer hole and press pin. To release socket, insert object through retainer hole and press pin.

**Do NOT run the tool when the socket is OFF the fastener.**



## Impact Socket O-Ring Retaining Rings



### PINS

Item Number	Fits Socket Drive End Diameters	Pin Diameter	Pin Length
<b>4520</b>	1.89" - 2.24" (48mm - 57mm)	.20" (5mm)	1.70" (43mm)
<b>4521</b>	2.13" - 2.44" (54mm - 62mm)	.20" (5mm)	1.77" (45mm)
<b>4523</b>	3.39" (86mm)	.24" (6mm)	2.95" (75mm)
<b>4524</b>	3.74" (95mm)	.24" (6mm)	3.15" (80mm)
<b>4525</b>	5.00" (127mm)	.315" (8mm)	4.49" (114mm)
<b>4526</b>	5.98" (152mm)	.315" (8mm)	5.47" (139mm)

### O-RINGS

Item Number	Fits Socket Drive End Diameters	O-Ring I.D.	O-Ring Thickness
<b>4510</b>	1.89" - 2.05" (48mm - 52mm)	1.59" (40mm)	.20" (5mm)
<b>4511</b>	2.13" - 2.28" (54mm - 58mm)	1.89" (48mm)	.20" (5mm)
<b>4512</b>	2.44" (62mm)	2.09" (53mm)	.20" (5mm)
<b>4513</b>	3.39" (86mm)	2.95" (75mm)	.24" (6mm)
<b>4514</b>	3.74" (95mm)	3.35" (85mm)	.24" (6mm)
<b>4515</b>	5.00" (127mm)	4.49" (114mm)	.276" (7mm)
<b>4516</b>	5.98" (152mm)	5.47" (139mm)	.276" (7mm)

## Ret Ring® One-Piece Socket Retainers



The Ret Ring® connects an impact socket onto an impact wrench, extension, adapter or universal joint. One-piece, molded of new space age polyurethane, with a steel insert for added safety. Available for 3/4", 1" and 1-1/2" drive impact sockets. For a complete listing and cross-reference to other manufacturers part numbers see below.

Item Number	Square Drive Size	Fits Socket Ends "A" Diameters
<b>3110</b>	<b>3/4"</b>	1.50" (38mm)
<b>3111</b>	<b>3/4"</b>	1.65" - 1.77" (42mm - 44mm)
<b>3112</b>	<b>3/4"</b>	2.13" - 2.24" (54mm - 56mm)
<b>4110</b>	<b>1"</b>	2.01" - 2.13" (51mm - 54mm)
<b>4111</b>	<b>1"</b>	2.16" - 2.28" (55mm - 58mm)
<b>4112</b>	<b>1"</b>	2.30" - 2.44" (59mm - 62mm)
<b>6110</b>	<b>1-1/2"</b>	3.39" (86mm)
<b>6111</b>	<b>1-1/2"</b>	3.74" (95mm)

## Complete Ret Ring® Listing and Cross Reference Guide



### Step 1

Place Ret Ring® over impact square drive, put on impact socket aligning retention holes, then insert center-pin through retention holes.

### Step 2

Push center-pin completely through hole.

### Step 3

Pull O-ring up into groove on opposite side.

**Do NOT run the tool when the socket is OFF the fastener.**

Item Number	Drive Size	Ret Ring® I.D. (In.)	Wright Part No.	Proto Part No.	Armstrong Part No.
<b>3110</b>	<b>3/4"</b>	1.250	6580	-	21-964
<b>3111</b>	<b>3/4"</b>	1.438	6581	J07500-0	21-965
<b>3112</b>	<b>3/4"</b>	2.000	6582B	-	-
<b>4110</b>	<b>1"</b>	1.750	6583	J10000-3	22-964
<b>4111</b>	<b>1"</b>	2.000	6581A	J10000-1	-
<b>4112</b>	<b>1"</b>	2.125	6584	J10000-2	22-965
<b>6110</b>	<b>1-1/2"</b>	2.875	84575	J10000-4	23-964
<b>6111</b>	<b>1-1/2"</b>	3.375	84576	-	-





# 1-1/2" Drive Standard Length Impact Sockets



## 6 1-1/2" Drive - Standard Length - Fractional Sizes SAE

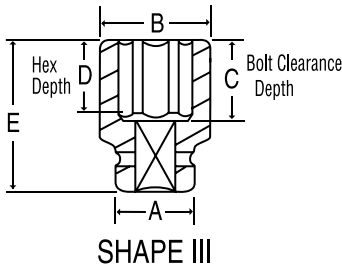
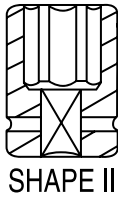
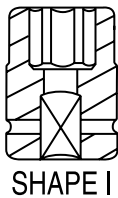


= new items



1-1/2"

Item Number	Hex Size	Shape	*Retaining Devices			Dimensions (Inches)				
			P	O	R1	A	B	C	D	E
6044R	1-3/8"	I	4523	4513	6110	3.39	2.52	1.42	0.87	3.07
6046R	1-7/16"	I	4523	4513	6110	3.39	2.52	1.42	0.94	3.07
6048R	1-1/2"	I	4523	4513	6110	3.39	2.60	1.50	1.02	3.15
6050R	1-9/16"	I	4523	4513	6110	3.39	2.68	1.50	1.10	3.15
6052R	1-5/8"	I	4523	4513	6110	3.39	2.76	1.50	1.10	3.15
6054R	1-11/16"	I	4523	4513	6110	3.39	2.87	1.57	1.10	3.23
6056R	1-3/4"	I	4523	4513	6110	3.39	2.95	1.65	1.18	3.31
6058R	1-13/16"	I	4523	4513	6110	3.39	2.99	1.65	1.18	3.31
6060R	1-7/8"	I	4523	4513	6110	3.39	3.07	1.77	1.26	3.43
6062R	1-15/16"	I	4523	4513	6110	3.39	3.15	1.77	1.26	3.43
6064R	2"	I	4523	4513	6110	3.39	3.23	1.77	1.26	3.43
6066R	2-1/16"	I	4523	4513	6110	3.39	3.27	1.77	1.34	3.43
6068R	2-1/8"	II	4523	4513	6110	3.39	3.39	1.89	1.46	3.54
6070R	2-3/16"	III	4523	4513	6110	3.39	3.46	1.89	1.46	3.54
6072R	2-1/4"	III	4523	4513	6110	3.39	3.54	2.09	1.54	3.74
6074R	2-5/16"	III	4523	4513	6110	3.39	3.66	2.09	1.54	3.74
6076R	2-3/8"	III	4523	4513	6110	3.39	3.70	2.09	1.54	3.74
6078R	2-7/16"	III	4523	4513	6110	3.39	3.78	2.28	1.65	3.94
6080R	2-1/2"	III	4523	4513	6110	3.39	3.86	2.28	1.65	3.94
6082R	2-9/16"	III	4523	4513	6110	3.39	3.94	2.28	1.65	3.94
6084R	2-5/8"	III	4523	4513	6110	3.39	4.02	2.48	1.81	4.13
6086R	2-11/16"	III	4523	4513	6110	3.39	4.09	2.48	1.81	4.13
6088R	2-3/4"	III	4523	4513	6110	3.39	4.17	2.48	1.81	4.13
6090R	2-13/16"	III	4523	4513	6110	3.39	4.25	2.60	1.93	4.25
6092R	2-7/8"	III	4523	4513	6110	3.39	4.33	2.60	1.93	4.25
6094R	2-15/16"	III	4523	4513	6110	3.39	4.41	2.52	1.93	4.25
6096R	3"	III	4523	4513	6110	3.39	4.45	2.52	1.93	4.25
6098R	3-1/16"	III	4523	4513	6110	3.39	4.53	2.80	2.09	4.53
6100R	3-1/8"	III	4523	4513	6110	3.39	4.65	2.80	2.09	4.53
6102R	3-3/16"	III	4523	4513	6110	3.39	4.72	2.80	2.09	4.53
6104R	3-1/4"	III	4523	4513	6110	3.39	4.80	2.80	2.09	4.53
6106R	3-5/16"	III	4523	4513	6110	3.39	4.88	2.91	2.20	4.65
6108R	3-3/8"	III	4523	4513	6110	3.39	4.96	2.91	2.20	4.65
6110R	3-7/16"	III	4523	4513	6110	3.39	5.04	2.91	2.20	4.65
6112R	3-1/2"	III	4523	4513	6110	3.39	5.08	3.11	2.32	4.84
6114R	3-9/16"	III	4523	4513	6110	3.39	5.16	3.11	2.32	4.84
6116R	3-5/8"	III	4523	4513	6110	3.39	5.24	3.11	2.32	4.84
6118R	3-11/16"	III	4523	4513	6110	3.39	5.31	3.11	2.40	4.84
6120R	3-3/4"	III	4524	4514	6111	3.74	5.39	3.11	2.40	4.84
6122R	3-13/16"	III	4524	4514	6111	3.74	5.39	3.39	2.56	5.12
6124R	3-7/8"	III	4524	4514	6111	3.74	5.67	3.39	2.56	5.12
6126R	3-15/16"	III	4524	4514	6111	3.74	5.67	3.39	2.56	5.12
6128R	4"	III	4524	4514	6111	3.74	5.79	3.39	2.56	5.12
6130R	4-1/16"	III	4524	4514	6111	3.74	5.79	3.39	2.68	5.12
6132R	4-1/8"	III	4524	4514	6111	3.74	6.06	3.39	2.68	5.12
6134R	4-3/16"	III	4524	4514	6111	3.74	6.06	3.39	2.68	5.12
6136R	4-1/4"	III	4524	4514	6111	3.74	6.06	3.58	2.83	5.31
6138R	4-5/16"	III	4524	4514	6111	3.74	6.18	3.58	2.83	5.31
6140R	4-3/8"	III	4524	4514	6111	3.74	6.18	3.58	2.83	5.31
6142R	4-7/16"	III	4524	4514	6111	3.74	6.18	3.58	2.83	5.31
6144R	4-1/2"	III	4524	4514	6111	3.74	6.46	3.78	3.03	5.51
6148R	4-5/8"	III	4524	4514	6111	3.74	6.46	3.78	3.03	5.51
6152R	4-3/4"	III	4524	4514	6111	3.74	6.57	3.78	3.03	5.51
6156R	4-7/8"	III	4525	4515	-	5.00	6.85	3.78	3.03	5.51
6160R	5"	III	4525	4515	-	5.00	6.97	3.98	3.15	5.71
6164R	5-1/8"	III	4525	4515	-	5.00	7.24	3.98	3.15	5.71
6168R	5-1/4"	III	4525	4515	-	5.00	7.36	4.17	3.35	5.91
6172R	5-3/8"	III	4525	4515	-	5.00	7.64	4.17	3.35	5.91
6176R	5-1/2"	III	4525	4515	-	5.00	7.76	4.57	3.54	6.30
6180R	5-5/8"	III	4525	4515	-	5.00	8.03	4.65	3.54	6.30
6184R	5-3/4"	III	4525	4515	-	5.00	8.03	4.65	3.54	6.30
6188R	5-7/8"	III	4525	4515	-	5.00	8.15	4.65	3.54	6.30
6192R	6"	III	4525	4515	-	5.00	8.43	4.76	3.54	6.50
6196R	6-1/8"	III	4525	4515	-	5.00	8.54	4.84	3.54	6.50
6200R	6-1/4"	III	4525	4515	-	5.00	8.82	4.84	3.54	6.50
6204R	6-3/8"	III	4525	4515	-	5.00	8.94	4.84	3.74	6.50
6208R	6-1/2"	III	4525	4515	-	5.00	8.94	5.16	3.74	6.89



\* Retaining Devices Key found on page 120.

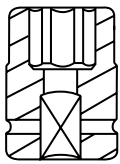




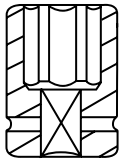
# 1-1/2" Drive Standard Length Impact Sockets



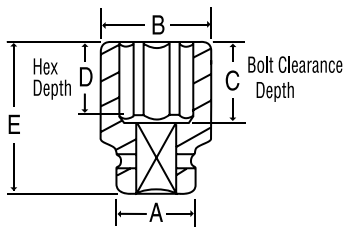
## 6 1-1/2" Drive - Standard Length - Metric Sizes MM



SHAPE I



SHAPE II



SHAPE III

Item Number	Hex Size	Shape	*Retaining Devices			Dimensions (Millimeters)				
			P	O	RI	A	B	C	D	E
6030M	30mm	I	4523	4513	6110	86	56	36	21	78
6032M	32mm	I	4523	4513	6110	86	58	36	22	78
6033M	33mm	I	4523	4513	6110	86	60	36	22	78
6034M	34mm	I	4523	4513	6110	86	61	36	22	78
6035M	35mm	I	4523	4513	6110	86	64	36	22	78
6036M	36mm	I	4523	4513	6110	86	64	36	24	78
6037M	37mm	I	4523	4513	6110	86	65	36	24	78
6038M	38mm	I	4523	4513	6110	86	66	38	26	80
6040M	40mm	I	4523	4513	6110	86	68	38	28	80
6041M	41mm	I	4523	4513	6110	86	70	38	28	80
6042M	42mm	I	4523	4513	6110	86	71	40	28	82
6043M	43mm	I	4523	4513	6110	86	73	40	28	82
6045M	45mm	I	4523	4513	6110	86	75	42	30	84
6046M	46mm	I	4523	4513	6110	86	76	42	30	84
6047M	47mm	I	4523	4513	6110	86	77	45	32	87
6048M	48mm	I	4523	4513	6110	86	79	45	32	87
6049M	49mm	I	4523	4513	6110	86	80	45	32	87
6050M	50mm	I	4523	4513	6110	86	81	45	32	87
6052M	52mm	I	4523	4513	6110	86	83	45	34	87
6054M	54mm	II	4523	4513	6110	86	86	48	37	90
6055M	55mm	III	4523	4513	6110	86	87	48	37	90
6056M	56mm	III	4523	4513	6110	86	88	50	37	92
6057M	57mm	III	4523	4513	6110	86	90	53	39	95
6058M	58mm	III	4523	4513	6110	86	92	53	39	95
6059M	59mm	III	4523	4513	6110	86	93	53	39	95
6060M	60mm	III	4523	4513	6110	86	94	53	39	95
6061M	61mm	III	4523	4513	6110	86	95	58	42	100
6062M	62mm	III	4523	4513	6110	86	96	58	42	100
6063M	63mm	III	4523	4513	6110	86	97	58	42	100
6065M	65mm	III	4523	4513	6110	86	100	58	42	100
6068M	68mm	III	4523	4513	6110	86	104	63	46	105
6070M	70mm	III	4523	4513	6110	86	106	63	46	105
6072M	72mm	III	4523	4513	6110	86	108	66	49	108
6073M	73mm	III	4523	4513	6110	86	110	66	49	108
6075M	75mm	III	4523	4513	6110	86	112	66	49	108
6076M	76mm	III	4523	4513	6110	86	113	66	49	108
6077M	77mm	III	4523	4513	6110	86	114	66	49	108
6078M	78mm	III	4523	4513	6110	86	115	73	53	115
6080M	80mm	III	4523	4513	6110	86	119	73	53	115
6085M	85mm	III	4523	4513	6110	86	125	76	56	118
6088M	88mm	III	4523	4513	6110	86	128	76	56	118
6090M	90mm	III	4523	4513	6110	86	131	81	59	123
6095M	95mm	III	4523	4513	6110	86	137	81	61	123
60100M	100mm	III	4523	4513	6110	86	144	88	65	130
60105M	105mm	III	4523	4513	6110	86	154	88	68	130
60110M	110mm	III	4523	4513	6110	86	157	93	72	135
60115M	115mm	III	4523	4513	6110	86	164	98	77	140
60120M	120mm	III	4523	4513	6110	86	167	98	77	140
60125M	125mm	III	4525	4515	-	127	174	98	77	140
60130M	130mm	III	4525	4515	-	127	184	103	80	145
60135M	135mm	III	4525	4515	-	127	194	108	85	150
60140M	140mm	III	4525	4515	-	127	197	118	90	160
60145M	145mm	III	4525	4515	-	127	204	118	90	160
60150M	150mm	III	4525	4515	-	127	207	123	90	165
60155M	155mm	III	4525	4515	-	127	214	123	90	165
60160M	160mm	III	4525	4515	-	127	224	128	90	170
60165M	165mm	III	4525	4515	-	127	227	133	95	175
60170M	170mm	III	4525	4515	-	127	234	138	95	180
60175M	175mm	III	4525	4515	-	127	244	143	100	185

1-1/2"



# 1-1/2" Drive Deep Length Impact Sockets

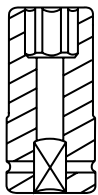


## 6 1-1/2" Drive - Deep Length - Fractional Sizes SAE

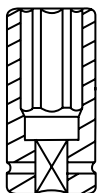


1-1/2"

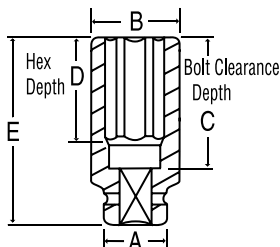
Item Number	Hex Size	Shape	*Retaining Devices			Dimensions (Inches)				
			P	O	R1	A	B	C	D	E
<b>6048D</b>	<b>1-1/2"</b>	I	4523	4513	6110	3.39	2.60	2.87	1.02	4.53
<b>6052D</b>	<b>1-5/8"</b>	I	4523	4513	6110	3.39	2.76	2.87	1.10	4.53
<b>6056D</b>	<b>1-3/4"</b>	I	4523	4513	6110	3.39	2.95	2.87	1.18	4.53
<b>6060D</b>	<b>1-7/8"</b>	I	4523	4513	6110	3.39	3.07	2.87	1.26	4.53
<b>6064D</b>	<b>2"</b>	I	4523	4513	6110	3.39	3.23	3.66	1.34	5.31
<b>6068D</b>	<b>2-1/8"</b>	II	4523	4513	6110	3.39	3.39	3.86	1.46	5.51
<b>6070D</b>	<b>2-3/16"</b>	III	4523	4513	6110	3.39	3.46	3.86	1.46	5.51
<b>6072D</b>	<b>2-1/4"</b>	III	4523	4513	6110	3.39	3.54	4.25	1.54	5.91
<b>6074D</b>	<b>2-5/16"</b>	III	4523	4513	6110	3.39	3.66	4.25	1.54	5.91
<b>6076D</b>	<b>2-3/8"</b>	III	4523	4513	6110	3.39	3.70	4.25	1.54	5.91
<b>6078D</b>	<b>2-7/16"</b>	III	4523	4513	6110	3.39	3.78	4.25	1.65	5.91
<b>6080D</b>	<b>2-1/2"</b>	III	4523	4513	6110	3.39	3.86	4.25	1.65	5.91
<b>6082D</b>	<b>2-9/16"</b>	III	4523	4513	6110	3.39	3.94	4.25	1.65	5.91
<b>6084D</b>	<b>2-5/8"</b>	III	4523	4513	6110	3.39	4.02	4.25	1.81	5.91
<b>6088D</b>	<b>2-3/4"</b>	III	4523	4513	6110	3.39	4.17	4.65	1.81	6.30
<b>6092D</b>	<b>2-7/8"</b>	III	4523	4513	6110	3.39	4.33	4.65	1.93	6.30
<b>6094D</b>	<b>2-15/16"</b>	III	4523	4513	6110	3.39	4.41	4.96	1.93	6.69
<b>6096D</b>	<b>3"</b>	III	4523	4513	6110	3.39	4.45	4.96	1.93	6.69
<b>6098D</b>	<b>3-1/16"</b>	III	4523	4513	6110	3.39	4.53	4.96	2.09	6.69
<b>6100D</b>	<b>3-1/8"</b>	III	4523	4513	6110	3.39	4.65	4.96	2.09	6.69
<b>6104D</b>	<b>3-1/4"</b>	III	4523	4513	6110	3.39	4.80	4.96	2.09	6.69
<b>6106D</b>	<b>3-5/16"</b>	III	4523	4513	6110	3.39	4.88	4.96	2.20	6.69
<b>6108D</b>	<b>3-3/8"</b>	III	4523	4513	6110	3.39	4.96	4.96	2.20	6.69
<b>6112D</b>	<b>3-1/2"</b>	III	4523	4513	6110	3.39	5.08	4.96	2.32	6.69
<b>6116D</b>	<b>3-5/8"</b>	III	4523	4513	6110	3.39	5.24	4.96	2.32	6.69
<b>6120D</b>	<b>3-3/4"</b>	III	4524	4514	6111	3.74	5.39	5.35	2.40	7.09
<b>6128D</b>	<b>4"</b>	III	4524	4514	6111	3.74	5.79	5.75	2.56	7.48
<b>6132D</b>	<b>4-1/8"</b>	III	4524	4514	6111	3.74	6.06	5.75	2.68	7.48
<b>6136D</b>	<b>4-1/4"</b>	III	4524	4514	6111	3.74	6.06	5.75	2.83	7.48
<b>6144D</b>	<b>4-1/2"</b>	III	4524	4514	6111	3.74	6.46	6.54	3.03	8.27
<b>6148D</b>	<b>4-5/8"</b>	III	4524	4514	6111	3.74	6.46	6.54	3.03	8.27
<b>6152D</b>	<b>4-3/4"</b>	III	4524	4514	6111	3.74	6.57	6.54	3.03	8.27



SHAPE I



SHAPE II



SHAPE III

### Retaining Devices Key



Pin and O-Ring

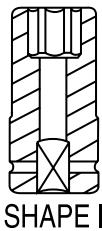
One Piece



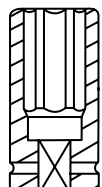
# 1-1/2" Drive Deep Length Impact Sockets



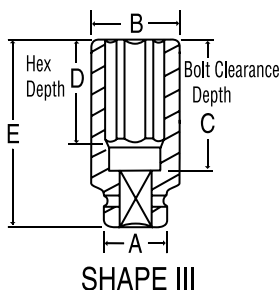
## 6 1-1/2" Drive - Deep Length - Metric Sizes



SHAPE I



SHAPE II



SHAPE III

Item Number	Hex Size	Shape	*Retaining Devices			Dimensions (Millimeters)				
			P	O	R1	A	B	C	D	E
6030MD	30mm	I	4523	4513	6110	86	56	73	21	115
6032MD	32mm	I	4523	4513	6110	86	58	73	22	115
6033MD	33mm	I	4523	4513	6110	86	60	73	22	115
6034MD	34mm	I	4523	4513	6110	86	61	73	22	115
6035MD	35mm	I	4523	4513	6110	86	64	73	22	115
6036MD	36mm	I	4523	4513	6110	86	64	73	24	115
6037MD	37mm	I	4523	4513	6110	86	65	73	24	115
6038MD	38mm	I	4523	4513	6110	86	66	73	26	115
6040MD	40mm	I	4523	4513	6110	86	68	73	28	115
6041MD	41mm	I	4523	4513	6110	86	70	73	28	115
6042MD	42mm	I	4523	4513	6110	86	71	73	28	115
6043MD	43mm	I	4523	4513	6110	86	73	73	28	115
6045MD	45mm	I	4523	4513	6110	86	75	73	30	115
6046MD	46mm	I	4523	4513	6110	86	76	73	30	115
6047MD	47mm	I	4523	4513	6110	86	77	73	32	115
6048MD	48mm	I	4523	4513	6110	86	79	73	32	115
6049MD	49mm	I	4523	4513	6110	86	80	73	32	115
6050MD	50mm	I	4523	4513	6110	86	81	93	34	135
6052MD	52mm	I	4523	4513	6110	86	83	98	34	140
6054MD	54mm	II	4523	4513	6110	86	86	98	37	140
6055MD	55mm	III	4523	4513	6110	86	87	98	37	140
6056MD	56mm	III	4523	4513	6110	86	88	98	37	140
6057MD	57mm	III	4523	4513	6110	86	90	108	39	150
6058MD	58mm	III	4523	4513	6110	86	92	108	39	150
6059MD	59mm	III	4523	4513	6110	86	93	108	39	150
6060MD	60mm	III	4523	4513	6110	86	94	108	39	150
6061MD	61mm	III	4523	4513	6110	86	95	108	39	150
6062MD	62mm	III	4523	4513	6110	86	96	108	42	150
6063MD	63mm	III	4523	4513	6110	86	97	108	42	150
6065MD	65mm	III	4523	4513	6110	86	100	108	42	150
6068MD	68mm	III	4523	4513	6110	86	104	108	46	150
6070MD	70mm	III	4523	4513	6110	86	106	118	46	160
6072MD	72mm	III	4523	4513	6110	86	108	118	49	160
6073MD	73mm	III	4523	4513	6110	86	110	118	49	160
6075MD	75mm	III	4523	4513	6110	86	112	128	49	170
6076MD	76mm	III	4523	4513	6110	86	113	128	49	170
6077MD	77mm	III	4523	4513	6110	86	114	128	53	170
6078MD	78mm	III	4523	4513	6110	86	115	128	53	170
6080MD	80mm	III	4523	4513	6110	86	119	128	53	170
6085MD	85mm	III	4523	4513	6110	86	125	128	56	170
6088MD	88mm	III	4523	4513	6110	86	128	128	56	170
6090MD	90mm	III	4523	4513	6110	86	131	128	59	170
6095MD	95mm	III	4524	4514	6111	95	137	138	61	180
60100MD	100mm	III	4524	4514	6111	95	144	148	65	190
60105MD	105mm	III	4524	4514	6111	95	154	148	68	190
60110MD	110mm	III	4524	4514	6111	95	157	158	72	200
60115MD	115mm	III	4524	4514	6111	95	164	168	77	210
60120MD	120mm	III	4524	4514	6111	95	167	168	77	210
60125MD	125mm	III	4525	4515	-	127	174	168	77	210

1-1/2"

### Retaining Devices Key



Pin and O-Ring

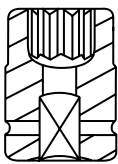
One Piece



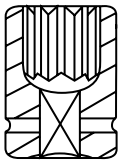
# 1-1/2" Drive 12-Point Standard Length Impact Sockets



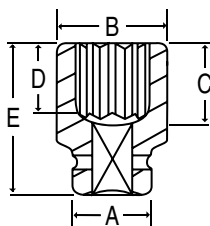
**12** 1-1/2" Drive 12-Point - Standard Length - Fractional Sizes **SAE**



SHAPE I



SHAPE II



SHAPE III

Item Number	12-Point Size	Shape	*Retaining Devices			Dimensions (Inches)				
			P	O	R1	A	B	C	D	E
6238R	1-3/16"	I	4523	4513	6110	3.39	2.20	1.42	0.83	3.07
6240R	1-1/4"	I	4523	4513	6110	3.39	2.28	1.42	0.87	3.07
6242R	1-5/16"	I	4523	4513	6110	3.39	2.36	1.42	0.87	3.07
6244R	1-3/8"	I	4523	4513	6110	3.39	2.52	1.42	0.87	3.07
6246R	1-7/16"	I	4523	4513	6110	3.39	2.52	1.42	0.94	3.07
6248R	1-1/2"	I	4523	4513	6110	3.39	2.60	1.50	1.02	3.15
6250R	1-9/16"	I	4523	4513	6110	3.39	2.68	1.50	1.10	3.15
6252R	1-5/8"	I	4523	4513	6110	3.39	2.76	1.50	1.10	3.15
6254R	1-11/16"	I	4523	4513	6110	3.39	2.87	1.57	1.10	3.23
6256R	1-3/4"	I	4523	4513	6110	3.39	2.95	1.65	1.18	3.31
6258R	1-13/16"	I	4523	4513	6110	3.39	2.99	1.65	1.18	3.31
6260R	1-7/8"	I	4523	4513	6110	3.39	3.07	1.77	1.26	3.43
6262R	1-15/16"	I	4523	4513	6110	3.39	3.15	1.77	1.26	3.43
6264R	2"	I	4523	4513	6110	3.39	3.23	1.77	1.26	3.43
6266R	2-1/16"	I	4523	4513	6110	3.39	3.27	1.77	1.34	3.43
6268R	2-1/8"	II	4523	4513	6110	3.39	3.39	1.89	1.46	3.54
6270R	2-3/16"	III	4523	4513	6110	3.39	3.46	1.89	1.46	3.54
6272R	2-1/4"	III	4523	4513	6110	3.39	3.54	2.09	1.54	3.74
6274R	2-5/16"	III	4523	4513	6110	3.39	3.66	2.09	1.54	3.74
6276R	2-3/8"	III	4523	4513	6110	3.39	3.70	2.09	1.54	3.74
6278R	2-7/16"	III	4523	4513	6110	3.39	3.78	2.28	1.65	3.94
6280R	2-1/2"	III	4523	4513	6110	3.39	3.86	2.28	1.65	3.94
6282R	2-9/16"	III	4523	4513	6110	3.39	3.94	2.28	1.65	3.94
6284R	2-5/8"	III	4523	4513	6110	3.39	4.02	2.48	1.81	4.13
6286R	2-11/16"	III	4523	4513	6110	3.39	4.09	2.48	1.81	4.13
6288R	2-3/4"	III	4523	4513	6110	3.39	4.17	2.48	1.81	4.13
6290R	2-13/16"	III	4523	4513	6110	3.39	4.25	2.60	1.93	4.25
6292R	2-7/8"	III	4523	4513	6110	3.39	4.33	2.60	1.93	4.25
6294R	2-15/16"	III	4523	4513	6110	3.39	4.41	2.60	1.93	4.25
6296R	3"	III	4523	4513	6110	3.39	4.45	2.60	1.93	4.25
6298R	3-1/16"	III	4523	4513	6110	3.39	4.53	2.87	2.09	4.53
6300R	3-1/8"	III	4523	4513	6110	3.39	4.65	2.87	2.09	4.53
6302R	3-3/16"	III	4523	4513	6110	3.39	4.72	2.87	2.09	4.53
6304R	3-1/4"	III	4523	4513	6110	3.39	4.80	2.87	2.09	4.53
6306R	3-5/16"	III	4523	4513	6110	3.39	4.88	2.99	2.20	4.65
6308R	3-3/8"	III	4523	4513	6110	3.39	4.96	2.99	2.20	4.65
6310R	3-7/16"	III	4523	4513	6110	3.39	5.04	2.99	2.20	4.65
6312R	3-1/2"	III	4523	4513	6110	3.39	5.08	3.19	2.32	4.84
6314R	3-9/16"	III	4523	4513	6110	3.39	5.16	3.19	2.32	4.84
6316R	3-5/8"	III	4523	4513	6110	3.39	5.24	3.19	2.32	4.84
6318R	3-11/16"	III	4523	4513	6110	3.39	5.31	3.19	2.40	4.84
6320R	3-3/4"	III	4524	4514	6111	3.74	5.39	3.19	2.40	4.84
6322R	3-13/16"	III	4524	4514	6111	3.74	5.39	3.46	2.56	5.12
6324R	3-7/8"	III	4524	4514	6111	3.74	5.67	3.46	2.56	5.12
6326R	3-15/16"	III	4524	4514	6111	3.74	5.67	3.46	2.56	5.12
6328R	4"	III	4524	4514	6111	3.74	5.79	3.46	2.56	5.12
6330R	4-1/16"	III	4524	4514	6111	3.74	5.79	3.46	2.68	5.12
6332R	4-1/8"	III	4524	4514	6111	3.74	6.06	3.46	2.68	5.12
6334R	4-3/16"	III	4524	4514	6111	3.74	6.06	3.46	2.68	5.12
6336R	4-1/4"	III	4524	4514	6111	3.74	6.06	3.66	2.83	5.31
6338R	4-5/16"	III	4524	4514	6111	3.74	6.18	3.66	2.83	5.31
6340R	4-3/8"	III	4524	4514	6111	3.74	6.18	3.66	2.83	5.31
6342R	4-7/16"	III	4524	4514	6111	3.74	6.18	3.66	2.83	5.31
6344R	4-1/2"	III	4524	4514	6111	3.74	6.46	3.86	3.03	5.51
6348R	4-5/8"	III	4524	4514	6111	3.74	6.46	3.86	3.03	5.51
6352R	4-3/4"	III	4524	4514	6111	3.74	6.57	3.86	3.03	5.51
6356R	4-7/8"	III	4525	4515	-	5.00	6.85	3.86	3.03	5.51
6360R	5"	III	4525	4515	-	5.00	6.97	4.06	3.15	5.71
6364R	5-1/8"	III	4525	4515	-	5.00	7.24	4.06	3.15	5.71
6368R	5-1/4"	III	4525	4515	-	5.00	7.36	4.25	3.35	5.91
6372R	5-3/8"	III	4525	4515	-	5.00	7.64	4.25	3.35	5.91
6376R	5-1/2"	III	4525	4515	-	5.00	7.76	4.65	3.54	6.30
6380R	5-5/8"	III	4525	4515	-	5.00	8.03	4.65	3.54	6.30
6384R	5-3/4"	III	4525	4515	-	5.00	8.03	4.65	3.54	6.30
6388R	5-7/8"	III	4525	4515	-	5.00	8.15	4.84	3.54	6.50
6392R	6"	III	4525	4515	-	5.00	8.43	4.84	3.54	6.50
6396R	6-1/8"	III	4525	4515	-	5.00	8.43	4.84	3.54	6.50
6400R	6-1/4"	III	4525	4515	-	5.00	8.82	5.04	3.54	6.69
6404R	6-3/8"	III	4525	4515	-	5.00	8.82	5.04	3.54	6.69
6408R	6-1/2"	III	4525	4515	-	5.00	8.94	5.24	3.74	6.89

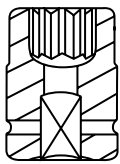
\* Retaining Devices Key found on page 121.



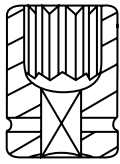
# 1-1/2" Drive 12-Point Standard Length Impact Sockets



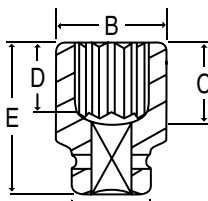
## 12 1-1/2" Drive 12-Point - Standard Length - Metric Sizes MM



SHAPE I



SHAPE II



SHAPE III

Item Number	12-Point Size	Shape	*Retaining Devices			Dimensions (Millimeters)				
			P	O	RI	A	B	C	D	E
6230M	30mm	I	4523	4513	6110	86	56	36	21	78
6232M	32mm	I	4523	4513	6110	86	58	36	22	78
6233M	33mm	I	4523	4513	6110	86	60	36	22	78
6234M	34mm	I	4523	4513	6110	86	61	36	22	78
6235M	35mm	I	4523	4513	6110	86	64	36	22	78
6236M	36mm	I	4523	4513	6110	86	64	36	24	78
6237M	37mm	I	4523	4513	6110	86	65	36	24	78
6238M	38mm	I	4523	4513	6110	86	66	38	26	80
6240M	40mm	I	4523	4513	6110	86	68	38	28	80
6241M	41mm	I	4523	4513	6110	86	70	38	28	80
6242M	42mm	I	4523	4513	6110	86	71	40	28	82
6243M	43mm	I	4523	4513	6110	86	73	40	28	82
6245M	45mm	I	4523	4513	6110	86	75	42	30	84
6246M	46mm	I	4523	4513	6110	86	76	42	30	84
6247M	47mm	I	4523	4513	6110	86	77	45	32	87
6248M	48mm	I	4523	4513	6110	86	79	45	32	87
6249M	49mm	I	4523	4513	6110	86	80	45	32	87
6250M	50mm	I	4523	4513	6110	86	81	45	32	87
6252M	52mm	I	4523	4513	6110	86	83	45	34	87
6254M	54mm	II	4523	4513	6110	86	86	48	37	90
6255M	55mm	III	4523	4513	6110	86	87	48	37	90
6256M	56mm	III	4523	4513	6110	86	88	50	37	92
6257M	57mm	III	4523	4513	6110	86	90	53	39	95
6258M	58mm	III	4523	4513	6110	86	92	53	39	95
6259M	59mm	III	4523	4513	6110	86	93	53	39	95
6260M	60mm	III	4523	4513	6110	86	94	53	39	95
6261M	61mm	III	4523	4513	6110	86	95	58	42	100
6262M	62mm	III	4523	4513	6110	86	96	58	42	100
6263M	63mm	III	4523	4513	6110	86	97	58	42	100
6265M	65mm	III	4523	4513	6110	86	100	58	42	100
6268M	68mm	III	4523	4513	6110	86	104	63	46	105
6270M	70mm	III	4523	4513	6110	86	106	63	46	105
6272M	72mm	III	4523	4513	6110	86	108	66	49	108
6273M	73mm	III	4523	4513	6110	86	110	66	49	108
6275M	75mm	III	4523	4513	6110	86	112	66	49	108
6276M	76mm	III	4523	4513	6110	86	113	66	49	108
6277M	77mm	III	4523	4513	6110	86	114	66	49	108
6278M	78mm	III	4523	4513	6110	86	115	73	53	115
6280M	80mm	III	4523	4513	6110	86	119	73	53	115
6285M	85mm	III	4523	4513	6110	86	125	76	56	118
6288M	88mm	III	4523	4513	6110	86	128	76	56	118
6290M	90mm	III	4523	4513	6110	86	131	81	59	123
6295M	95mm	III	4524	4514	6111	95	137	81	61	123
62100M	100mm	III	4524	4514	6111	95	144	88	65	130
62105M	105mm	III	4524	4514	6111	95	154	88	68	130
62110M	110mm	III	4524	4514	6111	95	157	93	72	135
62115M	115mm	III	4524	4514	6111	95	164	98	77	140
62120M	120mm	III	4524	4514	6111	95	167	98	77	140
62125M	125mm	III	4525	4516	-	127	174	98	80	140
62130M	130mm	III	4525	4516	-	127	184	103	85	145
62135M	135mm	III	4525	4516	-	127	194	108	90	150
62140M	140mm	III	4525	4516	-	127	197	118	90	160
62145M	145mm	III	4525	4516	-	127	204	118	90	160
62150M	150mm	III	4525	4516	-	127	207	123	90	165
62155M	155mm	III	4525	4516	-	127	214	123	90	165
62160M	160mm	III	4525	4516	-	127	224	128	90	170
62165M	165mm	III	4525	4516	-	127	227	133	95	175
62170M	170mm	III	4525	4516	-	127	234	138	95	180
62175M	175mm	III	4525	4516	-	127	244	143	100	185

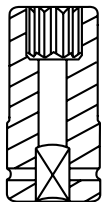
\* Retaining Devices Key found on page 121.



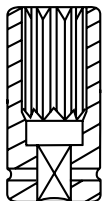
# 1-1/2" Drive 12-Point Deep Length Impact Sockets



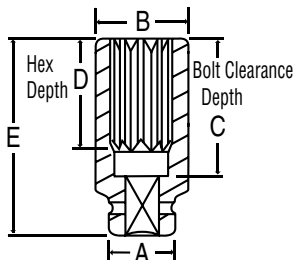
## 12 1-1/2" Drive 12-Point - Deep Length - Fractional Sizes SAE



SHAPE I



SHAPE II



SHAPE III

Item Number	12-Point Size	Shape	*Retaining Devices			Dimensions (Inches)				
			P	O	RI	A	B	C	D	E
6238D	1-3/16"	I	4523	4513	6110	3.39	2.20	2.87	0.83	4.53
6240D	1-1/4"	I	4523	4513	6110	3.39	2.28	2.87	0.87	4.53
6242D	1-5/16"	I	4523	4513	6110	3.39	2.36	2.87	0.87	4.53
6244D	1-3/8"	I	4523	4513	6110	3.39	2.52	2.87	0.87	4.53
6246D	1-7/16"	I	4523	4513	6110	3.39	2.52	2.87	0.94	4.53
6248D	1-1/2"	I	4523	4513	6110	3.39	2.60	2.87	1.02	4.53
6250D	1-9/16"	I	4523	4513	6110	3.39	2.68	2.87	1.10	4.53
6252D	1-5/8"	I	4523	4513	6110	3.39	2.76	2.87	1.10	4.53
6254D	1-11/16"	I	4523	4513	6110	3.39	2.87	2.87	1.10	4.53
6256D	1-3/4"	I	4523	4513	6110	3.39	2.95	2.87	1.18	4.53
6258D	1-13/16"	I	4523	4513	6110	3.39	2.99	2.87	1.18	4.53
6260D	1-7/8"	I	4523	4513	6110	3.39	3.07	2.87	1.26	4.53
6262D	1-15/16"	I	4523	4513	6110	3.39	3.15	2.87	1.26	4.53
6264D	2"	I	4523	4513	6110	3.39	3.23	3.66	1.34	5.31
6266D	2-1/16"	I	4523	4513	6110	3.39	3.27	3.86	1.34	5.51
6268D	2-1/8"	II	4523	4513	6110	3.39	3.39	3.86	1.46	5.51
6270D	2-3/16"	III	4523	4513	6110	3.39	3.46	3.86	1.46	5.51
6272D	2-1/4"	III	4523	4513	6110	3.39	3.54	4.25	1.54	5.91
6274D	2-5/16"	III	4523	4513	6110	3.39	3.66	4.25	1.54	5.91
6276D	2-3/8"	III	4523	4513	6110	3.39	3.70	4.25	1.54	5.91
6278D	2-7/16"	III	4523	4513	6110	3.39	3.78	4.25	1.65	5.91
6280D	2-1/2"	III	4523	4513	6110	3.39	3.86	4.25	1.65	5.91
6282D	2-9/16"	III	4523	4513	6110	3.39	3.94	4.25	1.65	5.91
6284D	2-5/8"	III	4523	4513	6110	3.39	4.02	4.25	1.81	5.91
6286D	2-11/16"	III	4523	4513	6110	3.39	4.09	4.25	1.81	5.91
6288D	2-3/4"	III	4523	4513	6110	3.39	4.17	4.65	1.81	6.30
6290D	2-13/16"	III	4523	4513	6110	3.39	4.25	4.65	1.93	6.30
6292D	2-7/8"	III	4523	4513	6110	3.39	4.33	4.65	1.93	6.30
6294D	2-15/16"	III	4523	4513	6110	3.39	4.41	5.04	1.93	6.69
6296D	3"	III	4523	4513	6110	3.39	4.45	5.04	1.93	6.69
6298D	3-1/16"	III	4523	4513	6110	3.39	4.53	5.04	2.09	6.69
6300D	3-1/8"	III	4523	4513	6110	3.39	4.65	5.04	2.09	6.69
6302D	3-3/16"	III	4523	4513	6110	3.39	4.72	5.04	2.09	6.69
6304D	3-1/4"	III	4523	4513	6110	3.39	4.80	5.04	2.09	6.69
6306D	3-5/16"	III	4523	4513	6110	3.39	4.88	5.04	2.20	6.69
6308D	3-3/8"	III	4523	4513	6110	3.39	4.96	5.04	2.20	6.69
6310D	3-7/16"	III	4523	4513	6110	3.39	5.04	5.04	2.20	6.69
6312D	3-1/2"	III	4523	4513	6110	3.39	5.08	5.04	2.32	6.69
6314D	3-9/16"	III	4523	4513	6110	3.39	5.16	5.04	2.32	6.69
6316D	3-5/8"	III	4523	4513	6110	3.39	5.24	5.04	2.32	6.69
6318D	3-11/16"	III	4523	4513	6110	3.39	5.31	5.04	2.40	6.69
6320D	3-3/4"	III	4524	4514	6111	3.74	5.39	5.43	2.40	7.09
6322D	3-13/16"	III	4524	4514	6111	3.74	5.39	5.43	2.56	7.09
6324D	3-7/8"	III	4524	4514	6111	3.74	5.67	5.43	2.56	7.09
6326D	3-15/16"	III	4524	4514	6111	3.74	5.67	5.83	2.56	7.48
6328D	4"	III	4524	4514	6111	3.74	5.79	5.83	2.56	7.48
6330D	4-1/16"	III	4524	4514	6111	3.74	5.79	5.83	2.68	7.48
6332D	4-1/8"	III	4524	4514	6111	3.74	6.06	5.83	2.68	7.48
6334D	4-3/16"	III	4524	4514	6111	3.74	6.06	5.83	2.68	7.48
6336D	4-1/4"	III	4524	4514	6111	3.74	6.06	5.83	2.83	7.87
6338D	4-5/16"	III	4524	4514	6111	3.74	6.18	6.22	2.83	7.87
6340D	4-3/8"	III	4524	4514	6111	3.74	6.18	6.22	2.83	7.87
6342D	4-7/16"	III	4524	4514	6111	3.74	6.18	6.22	2.83	7.87
6344D	4-1/2"	III	4524	4514	6111	3.74	6.46	6.61	3.03	8.27
6348D	4-5/8"	III	4524	4514	6111	3.74	6.46	6.61	3.03	8.27
6352D	4-3/4"	III	4524	4514	6111	3.74	6.57	6.61	3.03	8.27

\* Retaining Devices Key found on page 125.



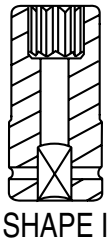
# 1-1/2" Drive 12-Point Deep Length Impact Sockets



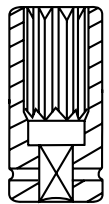
12 1-1/2" Drive 12-Point - Deep Length - Metric Sizes



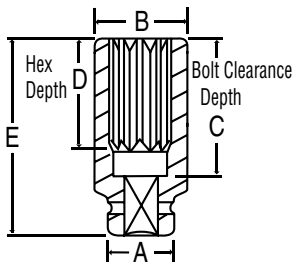
50 mm



SHAPE I



SHAPE II



SHAPE III

Item Number	12-Point Size	Shape	*Retaining Devices			Dimensions (Millimeters)				
			P	O	R1	A	B	C	D	E
6230MD	30mm	I	4523	4513	6110	86	56	73	21	115
6232MD	32mm	I	4523	4513	6110	86	58	73	22	115
6233MD	33mm	I	4523	4513	6110	86	60	73	22	115
6234MD	34mm	I	4523	4513	6110	86	61	73	22	115
6235MD	35mm	I	4523	4513	6110	86	64	73	22	115
6236MD	36mm	I	4523	4513	6110	86	64	73	24	115
6237MD	37mm	I	4523	4513	6110	86	65	73	24	115
6238MD	38mm	I	4523	4513	6110	86	66	73	26	115
6240MD	40mm	I	4523	4513	6110	86	68	73	28	115
6241MD	41mm	I	4523	4513	6110	86	70	73	28	115
6242MD	42mm	I	4523	4513	6110	86	71	73	28	115
6243MD	43mm	I	4523	4513	6110	86	73	73	28	115
6245MD	45mm	I	4523	4513	6110	86	75	73	30	115
6246MD	46mm	I	4523	4513	6110	86	76	73	30	115
6247MD	47mm	I	4523	4513	6110	86	77	73	32	115
6248MD	48mm	I	4523	4513	6110	86	79	73	32	115
6249MD	49mm	I	4523	4513	6110	86	80	73	32	115
6250MD	50mm	I	4523	4513	6110	86	81	93	34	135
6252MD	52mm	I	4523	4513	6110	86	83	98	34	140
6254MD	54mm	II	4523	4513	6110	86	86	98	37	140
6255MD	55mm	III	4523	4513	6110	86	87	98	37	140
6256MD	56mm	III	4523	4513	6110	86	88	98	37	140
6257MD	57mm	III	4523	4513	6110	86	90	108	39	150
6258MD	58mm	III	4523	4513	6110	86	92	108	39	150
6259MD	59mm	III	4523	4513	6110	86	93	108	39	150
6260MD	60mm	III	4523	4513	6110	86	94	108	39	150
6261MD	61mm	III	4523	4513	6110	86	95	108	42	150
6262MD	62mm	III	4523	4513	6110	86	96	108	42	150
6263MD	63mm	III	4523	4513	6110	86	97	108	42	150
6265MD	65mm	III	4523	4513	6110	86	100	108	42	150
6268MD	68mm	III	4523	4513	6110	86	104	108	46	150
6270MD	70mm	III	4523	4513	6110	86	106	118	46	160
6272MD	72mm	III	4523	4513	6110	86	108	118	49	160
6273MD	73mm	III	4523	4513	6110	86	110	118	49	160
6275MD	75mm	III	4523	4513	6110	86	112	128	49	170
6276MD	76mm	III	4523	4513	6110	86	113	128	49	170
6277MD	77mm	III	4523	4513	6110	86	114	128	53	170
6278MD	78mm	III	4523	4513	6110	86	115	128	53	170
6280MD	80mm	III	4523	4513	6110	86	119	128	53	170
6285MD	85mm	III	4523	4513	6110	86	125	128	56	170
6288MD	88mm	III	4523	4513	6110	86	128	128	56	170
6290MD	90mm	III	4523	4513	6110	86	131	128	59	170
6295MD	95mm	III	4524	4514	6111	95	137	138	61	180
62100MD	100mm	III	4524	4514	6111	95	144	148	65	190
62105MD	105mm	III	4524	4514	6111	95	154	148	68	190
62110MD	110mm	III	4524	4514	6111	95	157	158	72	200
62115MD	115mm	III	4524	4514	6111	95	164	168	77	210
62120MD	120mm	III	4524	4514	6111	95	167	168	77	210
62125MD	125mm	III	4525	4516	-	127	174	168	77	210

1-1/2"

### Retaining Devices Key



Pin and O-Ring

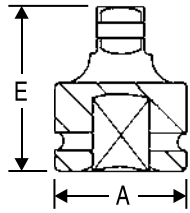
One Piece



# 1-1/2" Drive Impact Attachments



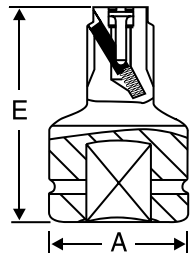
## 1-1/2" Drive Adapters SAE



Item Number	Female End	Male End	Socket Retention Device	Dimensions (Inches)	
				A	E
<b>*6008A</b>	1-1/2"	1"	Pin Hole	3.39	3.94
<b>6009A</b>	1-1/2"	2-1/2"	Pin Hole	3.39	4.72

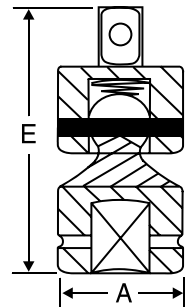
\* Reducing Adapters are not covered by the GP Warranty.  
\* See page 179 for New Reducing Sleeve Adapters

## 1-1/2" Square to #5 Spline Drive Adapter SAE



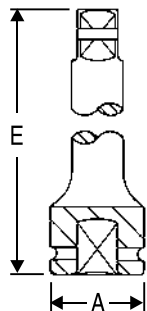
Item Number	Female End	Male End	Socket Retention Device	Dimensions (Inches)	
				A	E
<b>6011A</b>	1-1/2"	#5 Spline	Lock Button	3.39	4.92
<b>5500RK</b>	Repair Kit for No. 3011A, No. 4011A & No. 6011A				

## 1-1/2" Drive Universal Joint SAE



Item Number	Description	Socket Retention Device	Dimensions (Inches)	
			A	E
<b>6006UJ</b>	1-1/2" x 1-1/2"	Pin Hole	3.39	7.17

## 1-1/2" Drive Extensions SAE



Item Number	Description	Socket Retention Device	Dimensions (Inches)	
			A	E
<b>6005E</b>	5" Extension	Pin Hole	3.39	4.92
<b>6010E</b>	10" Extension	Pin Hole	3.39	9.84
<b>6020E</b>	20" Extension	Pin Hole	3.39	19.69

### Socket Retention Device Key for 1-1/2" Drive Adapters, Extensions & Universal Joints



#### **PH** Pin Hole

Uses Ret Ring® or Pin & O-ring to secure socket. The most secure system available. Recommended for 3/4" drive and larger impact wrenches.

#### **LB** Lock Button

Spring loaded locking device on Spline to secure socket. Socket is released by inserting object through socket face and depressing release button.

**Do NOT run the tool when the socket is OFF the fastener.**



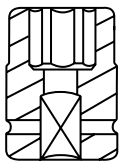




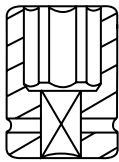
# 2-1/2" Drive Fractional Impact Sockets



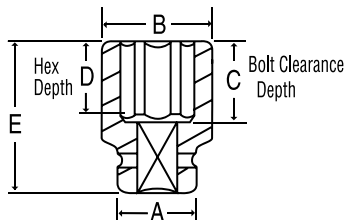
## 6 2-1/2" Drive - Standard Length - Fractional Sizes SAE



SHAPE I



SHAPE II



SHAPE III

Item Number	Hex Size	Shape	*Retaining Devices			Dimensions (Inches)				
			P	O	R1	A	B	C	D	E
7096R	3"		4525	4515	-	5.00	4.72	3.15	1.77	5.51
7100R	3-1/8"	I	4525	4515	-	5.00	4.88	3.15	1.77	5.51
7104R	3-1/4"	II	4525	4515	-	5.00	5.00	3.15	1.77	5.51
7108R	3-3/8"	III	4525	4515	-	5.00	5.16	2.95	2.05	5.51
7112R	3-1/2"	III	4525	4515	-	5.00	5.31	2.95	2.05	5.51
7116R	3-5/8"	III	4525	4515	-	5.00	5.47	3.15	2.05	5.71
7120R	3-3/4"	III	4525	4515	-	5.00	5.63	3.15	2.05	5.71
7124R	3-7/8"	III	4525	4515	-	5.00	5.79	3.35	2.28	5.91
7128R	4"	III	4525	4515	-	5.00	5.94	3.35	2.28	5.91
7132R	4-1/8"	III	4525	4515	-	5.00	6.10	3.54	2.28	6.10
7136R	4-1/4"	III	4525	4515	-	5.00	6.26	3.74	2.36	6.30
7140R	4-3/8"	III	4525	4515	-	5.00	6.42	3.94	2.44	6.50
7144R	4-1/2"	III	4525	4515	-	5.00	6.57	3.94	2.44	6.50
7148R	4-5/8"	III	4525	4515	-	5.00	6.77	4.13	2.64	6.69
7152R	4-3/4"	III	4525	4515	-	5.00	6.93	4.13	2.64	6.69
7156R	4-7/8"	III	4525	4515	-	5.00	7.24	4.33	2.83	6.89
7160R	5"	III	4525	4515	-	5.00	7.24	4.33	2.83	6.89
7164R	5-1/8"	III	4526	4516	-	5.98	7.36	4.33	2.83	6.89
7168R	5-1/4"	III	4526	4516	-	5.98	7.64	4.33	2.83	6.89
7172R	5-3/8"	III	4526	4516	-	5.98	7.76	4.53	3.03	7.09
7176R	5-1/2"	III	4526	4516	-	5.98	8.03	4.53	3.03	7.09
7180R	5-5/8"	III	4526	4516	-	5.98	8.15	4.72	3.27	7.28
7184R	5-3/4"	III	4526	4516	-	5.98	8.43	4.72	3.27	7.28
7188R	5-7/8"	III	4526	4516	-	5.98	8.43	4.72	3.27	7.28
7192R	6"	III	4526	4516	-	5.98	8.54	4.72	3.27	7.28
7196R	6-1/8"	III	4526	4516	-	5.98	8.82	4.92	3.54	7.48
7200R	6-1/4"	III	4526	4516	-	5.98	8.94	4.92	3.54	7.48
7204R	6-3/8"	III	4526	4516	-	5.98	9.21	5.12	3.74	7.68
7208R	6-1/2"	III	4526	4516	-	5.98	9.21	5.12	3.74	7.68
7216R	6-3/4"	III	4526	4516	-	5.98	9.61	5.12	3.74	7.68
7220R	6-7/8"	III	4526	4516	-	5.98	9.72	5.31	3.94	7.87
7224R	7"	III	4526	4516	-	5.98	10.00	5.31	3.94	7.87
7240R	7-1/2"	III	4526	4516	-	5.98	10.39	5.71	4.13	8.27
7244R	7-5/8"	III	4526	4516	-	5.98	10.51	5.71	4.13	8.27
7256R	8"	III	4526	4516	-	5.98	10.91	6.10	4.33	8.66

2-1/2"

**Retaining Devices Key**

<b>P</b> 	<b>O</b> 	<b>R1</b> 
<b>Pin and O-Ring</b>		<b>One Piece</b>



# 2-1/2" Drive Metric Impact Sockets

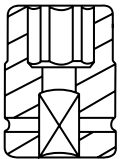


## ⑥ 2-1/2" Drive - Standard Length - Metric Sizes MM

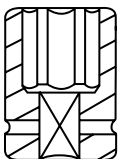


2-1/2"

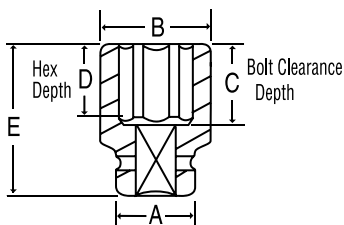
Item Number	Hex Size	Shape	*Retaining Devices			Dimensions (Millimeters)				
			P	O	R1	A	B	C	D	E
<b>7077M</b>	<b>77mm</b>	I	4525	4515	-	127	122	80	45	140
<b>7080M</b>	<b>80mm</b>	I	4525	4515	-	127	124	80	45	140
<b>7085M</b>	<b>85mm</b>	III	4525	4515	-	127	130	80	52	140
<b>7090M</b>	<b>90mm</b>	III	4525	4515	-	127	136	85	52	145
<b>7095M</b>	<b>95mm</b>	III	4525	4515	-	127	143	85	52	145
<b>70100M</b>	<b>100mm</b>	III	4525	4515	-	127	149	90	58	150
<b>70105M</b>	<b>105mm</b>	III	4525	4515	-	127	155	95	58	155
<b>70110M</b>	<b>110mm</b>	III	4525	4515	-	127	161	100	60	160
<b>70115M</b>	<b>115mm</b>	III	4525	4515	-	127	167	105	62	165
<b>70120M</b>	<b>120mm</b>	III	4525	4515	-	127	176	110	67	170
<b>70125M</b>	<b>125mm</b>	III	4525	4515	-	127	184	115	72	175
<b>70130M</b>	<b>130mm</b>	III	4526	4516	-	152	187	115	72	175
<b>70135M</b>	<b>135mm</b>	III	4526	4516	-	152	194	120	77	180
<b>70140M</b>	<b>140mm</b>	III	4526	4516	-	152	204	120	77	180
<b>70145M</b>	<b>145mm</b>	III	4526	4516	-	152	207	125	83	185
<b>70150M</b>	<b>150mm</b>	III	4526	4516	-	152	214	125	83	185
<b>70155M</b>	<b>155mm</b>	III	4526	4516	-	152	224	130	90	190
<b>70160M</b>	<b>160mm</b>	III	4526	4516	-	152	227	130	90	190
<b>70165M</b>	<b>165mm</b>	III	4526	4516	-	152	234	135	95	195
<b>70170M</b>	<b>170mm</b>	III	4526	4516	-	152	244	135	95	195
<b>70175M</b>	<b>175mm</b>	III	4526	4516	-	152	247	140	100	200
<b>70180M</b>	<b>180mm</b>	III	4526	4516	-	152	254	140	100	200
<b>70185M</b>	<b>185mm</b>	III	4526	4516	-	152	257	150	105	210
<b>70190M</b>	<b>190mm</b>	III	4526	4516	-	152	264	150	105	210
<b>70200M</b>	<b>200mm</b>	III	4526	4516	-	152	274	160	110	220
<b>70210M</b>	<b>210mm</b>	III	4526	4516	-	152	287	160	110	220



SHAPE I



SHAPE II



SHAPE III

**Retaining Devices Key**

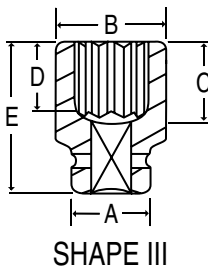
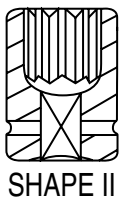
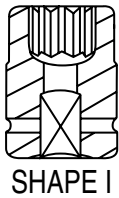
<b>P</b> 	<b>O</b> 	<b>R1</b> 
<b>Pin and O-Ring</b>		<b>One Piece</b>



# 2-1/2" Drive 12-Point Fractional Impact Sockets



12 2-1/2" Drive 12-Point - Standard Length - Fractional Sizes SAE



Item Number	12-Point Size	Shape	*Retaining Devices			Dimensions (Inches)				
			P	O	R1	A	B	C	D	E
7396R	3"	I	4525	4515	-	5.00	4.72	3.15	1.77	5.51
7400R	3-1/8"	I	4525	4515	-	5.00	4.88	3.15	1.77	5.51
7404R	3-1/4"	II	4525	4515	-	5.00	5.00	3.15	1.77	5.51
7408R	3-3/8"	III	4525	4515	-	5.00	5.16	3.15	2.05	5.51
7410R	3-7/16"	III	4525	4515	-	5.00	5.24	3.15	2.05	5.51
7412R	3-1/2"	III	4525	4515	-	5.00	5.31	3.15	2.05	5.51
7416R	3-5/8"	III	4525	4515	-	5.00	5.47	3.35	2.05	5.71
7420R	3-3/4"	III	4525	4515	-	5.00	5.63	3.35	2.05	5.71
7424R	3-7/8"	III	4525	4515	-	5.00	5.79	3.54	2.28	5.91
7428R	4"	III	4525	4515	-	5.00	5.94	3.54	2.28	5.91
7432R	4-1/8"	III	4525	4515	-	5.00	6.10	3.74	2.28	6.10
7436R	4-1/4"	III	4525	4515	-	5.00	6.26	3.94	2.36	6.30
7440R	4-3/8"	III	4525	4515	-	5.00	6.42	4.13	2.44	6.50
7444R	4-1/2"	III	4525	4515	-	5.00	6.57	4.13	2.44	6.50
7448R	4-5/8"	III	4525	4515	-	5.00	6.77	4.33	2.64	6.69
7452R	4-3/4"	III	4525	4515	-	5.00	6.93	4.33	2.64	6.69
7456R	4-7/8"	III	4525	4515	-	5.00	7.24	4.53	2.83	6.89
7460R	5"	III	4525	4515	-	5.00	7.24	4.53	2.83	6.89
7464R	5-1/8"	III	4526	4516	-	5.98	7.36	4.53	2.83	6.89
7468R	5-1/4"	III	4526	4516	-	5.98	7.64	4.53	2.83	6.89
7472R	5-3/8"	III	4526	4516	-	5.98	7.76	4.72	3.03	7.09
7476R	5-1/2"	III	4526	4516	-	5.98	8.03	4.72	3.03	7.09
7480R	5-5/8"	III	4526	4516	-	5.98	8.15	4.92	3.27	7.28
7484R	5-3/4"	III	4526	4516	-	5.98	8.43	4.92	3.27	7.28
7488R	5-7/8"	III	4526	4516	-	5.98	8.43	4.92	3.27	7.28
7492R	6"	III	4526	4516	-	5.98	8.54	4.92	3.27	7.28
7496R	6-1/8"	III	4526	4516	-	5.98	8.82	5.12	3.54	7.48
7500R	6-1/4"	III	4526	4516	-	5.98	8.94	5.12	3.54	7.48
7504R	6-3/8"	III	4526	4516	-	5.98	9.21	5.31	3.74	7.68
7508R	6-1/2"	III	4526	4516	-	5.98	9.21	5.31	3.74	7.68
7512R	6-5/8"	III	4526	4516	-	5.98	9.33	5.31	3.74	7.68
7516R	6-3/4"	III	4526	4516	-	5.98	9.61	5.31	3.74	7.68
7520R	6-7/8"	III	4526	4516	-	5.98	9.72	5.51	3.94	7.87
7524R	7"	III	4526	4516	-	5.98	10.00	5.51	3.94	7.87
7528R	7-1/8"	III	4526	4516	-	5.98	10.00	5.91	4.13	8.27
7540R	7-1/2"	III	4526	4516	-	5.98	10.39	5.91	4.13	8.27
7544R	7-5/8"	III	4526	4516	-	5.98	10.51	5.91	4.13	8.27
7548R	7-7/8"	III	4526	4516	-	5.98	10.79	6.30	4.33	8.66
7556R	8"	III	4526	4516	-	5.98	10.91	6.30	4.33	8.66

2-1/2"

**Retaining Devices Key**

<b>P</b> 	<b>O</b> 	<b>R1</b> 
Pin and O-Ring		One Piece



# 2-1/2" Drive 12-Point Metric Impact Sockets

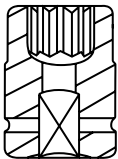


12 2-1/2" Drive 12-Point - Standard Length - Metric Sizes MM

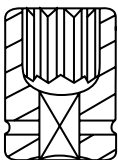


2-1/2"

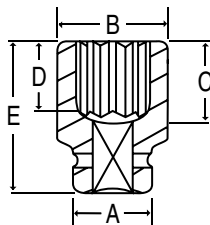
Item Number	12-Point Size	Shape	*Retaining Devices			Dimensions (Millimeters)				
			P	O	R1	A	B	C	D	E
<b>7277M</b>	<b>77mm</b>	I	4525	4515	-	127	122	80	45	140
<b>7280M</b>	<b>80mm</b>	I	4525	4515	-	127	124	80	45	140
<b>7285M</b>	<b>85mm</b>	III	4525	4515	-	127	130	80	52	140
<b>7290M</b>	<b>90mm</b>	III	4525	4515	-	127	136	85	52	145
<b>7295M</b>	<b>95mm</b>	III	4525	4515	-	127	143	85	52	145
<b>72100M</b>	<b>100mm</b>	III	4525	4515	-	127	149	90	58	150
<b>72105M</b>	<b>105mm</b>	III	4525	4515	-	127	155	95	58	155
<b>72110M</b>	<b>110mm</b>	III	4525	4515	-	127	161	100	60	160
<b>72115M</b>	<b>115mm</b>	III	4525	4515	-	127	167	105	62	165
<b>72120M</b>	<b>120mm</b>	III	4525	4515	-	127	176	110	67	170
<b>72125M</b>	<b>125mm</b>	III	4525	4515	-	127	184	115	72	175
<b>72130M</b>	<b>130mm</b>	III	4526	4516	-	152	187	115	72	175
<b>72135M</b>	<b>135mm</b>	III	4526	4516	-	152	194	120	77	180
<b>72140M</b>	<b>140mm</b>	III	4526	4516	-	152	204	120	77	180
<b>72145M</b>	<b>145mm</b>	III	4526	4516	-	152	207	125	83	185
<b>72150M</b>	<b>150mm</b>	III	4526	4516	-	152	214	125	83	185
<b>72155M</b>	<b>155mm</b>	III	4526	4516	-	152	224	130	90	190
<b>72160M</b>	<b>160mm</b>	III	4526	4516	-	152	227	130	90	190
<b>72165M</b>	<b>165mm</b>	III	4526	4516	-	152	234	135	95	195
<b>72170M</b>	<b>170mm</b>	III	4526	4516	-	152	244	135	95	195
<b>72175M</b>	<b>175mm</b>	III	4526	4516	-	152	247	140	100	200
<b>72180M</b>	<b>180mm</b>	III	4526	4516	-	152	254	140	100	200
<b>72185M</b>	<b>185mm</b>	III	4526	4516	-	152	257	150	105	210
<b>72190M</b>	<b>190mm</b>	III	4526	4516	-	152	264	150	105	210
<b>72200M</b>	<b>200mm</b>	III	4526	4516	-	152	274	160	110	220
<b>72210M</b>	<b>210mm</b>	III	4526	4516	-	152	287	160	110	220



SHAPE I



SHAPE II



SHAPE III

### Retaining Devices Key

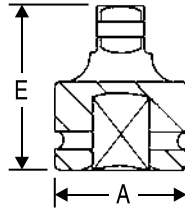




# 2-1/2" Drive Impact Attachments



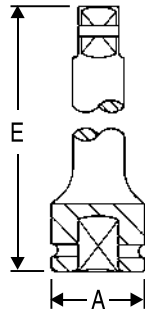
## 2-1/2" Drive Adapter SAE



Item Number	Female End	Male End	Socket Retention Device	Dimensions (Inches)	
				A	E
<b>*7008A</b>	<b>2-1/2"</b>	<b>1-1/2"</b>	Pin Hole	5.00	5.43

\* Reducing Adapters are not covered by the GP Warranty.  
\* See page 179 for New Reducing Sleeve Adapters

## 2-1/2" Drive Extensions SAE



Item Number	Description	Socket Retention Device	Dimensions (Inches)	
			A	E
<b>7005E</b>	<b>5" Extension</b>	Pin Hole	5.00	4.92
<b>7010E</b>	<b>10" Extension</b>	Pin Hole	5.00	9.84
<b>7020E</b>	<b>20" Extension</b>	Pin Hole	5.00	19.96

2-1/2"

## 2-1/2" Drive Socket O-Rings & Retaining Pins SAE MM



### PINS

Item Number	Fits Socket Drive End Diameters	Pin Diameter	Pin Length
<b>4525</b>	5.00 (127mm)	.315	4.49
<b>4526</b>	5.98 (152mm)	.315	5.47



### O-RINGS

Item Number	Fits Socket Drive End Diameters	O-Ring I.D.	O-Ring Thickness
<b>4515</b>	5.00 (127mm)	4.49	.276
<b>4516</b>	5.98 (152mm)	5.47	.276

### Socket Retention Device Key for 2-1/2" Drive Adapters & Extensions



#### PH Pin Hole

Uses Ret Ring® or Pin & O-ring to secure socket. The most secure system available. Recommended for 3/4" drive and larger impact wrenches.

**Do NOT** run the tool when the socket is **OFF** the fastener.



# #5 Spline Drive Impact Sockets



## 6 No. 9260 #5 Spline Drive Truck Wheel Set SAE MM

A special #5 spline drive set designed for servicing truck wheels. It contains a 13/16" square size for the budd wheel inner cap nuts, a 1-1/2" outer budd nut size that has a "controlled depth" hex end to help prevent contact with the wheel, a 33mm size for 10 hole hub piloted wheels, three (3) deep thin wall sizes, and other regular length impact sockets.



### 10 piece set contents:

- |                                  |                              |
|----------------------------------|------------------------------|
| 5313S . . . . . 13/16" Square    | 5034DT . . 1-1/16" T.W. Deep |
| 5028R . . . . . 7/8" Standard    | 5036DT . . 1-1/8" T.W. Deep  |
| 5030R . . . . . 15/16" Standard  | 5040DT . . 1-1/4" T.W. Deep  |
| 5032R . . . . . 1" Standard      | 5048DB . . 1-1/2" Deep Budd  |
| 5038R . . . . . 1-3/16" Standard | Metal Storage Case           |
| 5033M . . . . . 33mm Standard    |                              |

## 6 No. 9263 #5 Spline Drive Truck Wheel Fractional & Metric Socket Set SAE MM

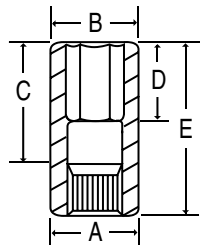
Ten (10) of the most popular fractional and metric impact socket sizes for truck wheel fasteners.



### 10 piece set contents:

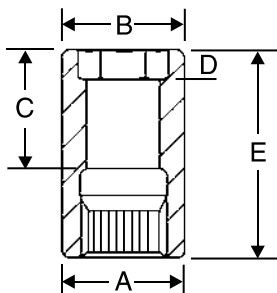
- |                                |                             |
|--------------------------------|-----------------------------|
| 5034DT . . . 1-1/16" T.W. Deep | 5041MDT . 41mm Deep T.W.    |
| 5036DT . . . 1-1/8" T.W. Deep  | 5313S . . . . 13/16" Square |
| 5040DT . . . 1-1/4" T.W. Deep  | 5317S . . . . 17mm Square   |
| 5048DB . . . 1-1/2" Deep Budd  | 5321S . . . . 21mm Square   |
| 5033MD . . . . 33mm Deep       | Metal Storage Case          |
| 5035MDT . . . 35mm Deep T.W.   |                             |

## 6 #5 Spline Drive Deep Sockets SAE MM



Item Number	Hex Size	Dimensions (Inches/Millimeters)				
		A	B	C	D	E
<b>5033MD</b>	<b>33mm</b>	55	55	78	54	108
<b>5036MD</b>	<b>36mm</b>	57	57	78	54	108
<b>5046D</b>	<b>1-7/16"</b>	2.36	2.36	3.07	1.02	4.25
<b>5048DS</b>	<b>1-1/2"</b>	2.36	2.36	2.87	1.97	4.06
<b>5052D</b>	<b>1-5/8"</b>	2.28	2.48	3.15	1.57	4.33
<b>5056D</b>	<b>1-3/4"</b>	2.36	2.68	4.13	2.17	5.31

## 6 #5 Spline Drive Budd Wheel Socket - 1-1/2" Limited Hex SAE



Special 1-1/2" hex deep heavy duty impact socket designed for outer cap nuts on budd-style truck wheels. The 1-1/2" hex depth is limited to help prevent socket contact with the wheel. The socket is deep style to eliminate contact with the inner cap nut.

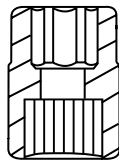
Item Number	Hex Size	Dimensions (Inches)				
		A	B	C	D	E
<b>5048DB</b>	<b>1-1/2"</b>	2.36	2.36	2.83	.55	4.02



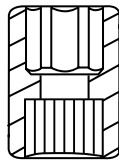
# #5 Spline Drive Impact Sockets



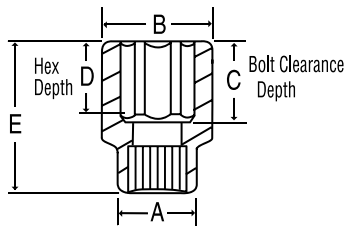
## 6 #5 Spline - Standard Length - Fractional Sizes SAE



SHAPE I



SHAPE II



SHAPE III

Item Number	Hex Size	Shape	Dimensions (Inches)				
			A	B	C	D	E
5028R	7/8"	I	2.17	1.73	1.97	.94	3.15
5030R	15/16"	I	2.17	1.73	1.97	.94	3.15
5032R	1"	I	2.17	1.81	1.97	.94	3.15
5034R	1-1/16"	I	2.17	1.89	1.97	.94	3.15
5036R	1-1/8"	I	2.17	1.89	1.97	.94	3.15
5038R	1-3/16"	I	2.17	2.01	1.97	.94	3.15
5040R	1-1/4"	II	2.17	2.17	1.97	.94	3.15
5042R	1-5/16"	II	2.17	2.17	1.97	.94	3.15
5044R	1-3/8"	III	2.17	2.24	1.97	.94	3.15
5046R	1-7/16"	III	2.17	2.36	1.97	.94	3.15
5048R	1-1/2"	III	2.17	2.36	1.97	.94	3.15
5050R	1-9/16"	III	2.17	2.64	1.97	.94	3.15
5052R	1-5/8"	III	2.17	2.64	1.97	.94	3.15
5054R	1-11/16"	III	2.17	2.64	1.97	1.18	3.15
5056R	1-3/4"	III	2.56	2.87	2.68	1.50	3.86
5058R	1-13/16"	III	2.56	2.87	2.68	1.50	3.86
5060R	1-7/8"	III	2.56	2.87	2.68	1.50	3.86
5062R	1-15/16"	III	2.56	2.87	2.68	1.50	3.86
5064R	2"	III	2.56	3.11	2.68	1.50	3.86
5066R	2-1/16"	III	2.56	3.11	2.68	1.50	3.86
5068R	2-1/8"	III	2.56	3.11	2.68	1.50	3.86
5070R	2-3/16"	III	2.56	3.27	2.68	1.50	3.86
5072R	2-1/4"	III	2.56	3.39	2.99	1.81	4.17
5074R	2-5/16"	III	2.56	3.39	2.99	1.81	4.17
5076R	2-3/8"	III	2.56	3.39	2.99	1.81	4.17
5078R	2-7/16"	III	2.56	3.39	3.43	1.81	4.61
5080R	2-1/2"	III	3.39	3.90	3.43	2.24	4.61
5082R	2-9/16"	III	3.39	3.90	3.43	2.24	4.61
5084R	2-5/8"	III	3.39	3.90	3.43	2.24	4.61
5088R	2-3/4"	III	3.39	3.90	3.43	2.24	4.61
5094R	2-15/16"	III	3.39	4.13	3.43	2.24	4.61
5096R	3"	III	3.39	4.37	4.13	2.95	5.31
5100R	3-1/8"	III	3.39	4.37	4.13	2.95	5.31

#5 Spline

## 6 Standard Length - Metric Sizes MM

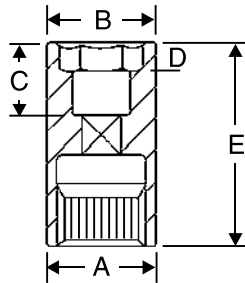
Item Number	Hex Size	Shape	Dimensions (Millimeters)				
			A	B	C	D	E
5022M	22mm	I	55	44	50	24	80
5024M	24mm	I	55	44	50	24	80
5025M	25mm	I	55	46	50	24	80
5027M	27mm	I	55	48	50	24	80
5029M	29mm	I	55	48	50	24	80
5030M	30mm	I	55	51	50	24	80
5032M	32mm	II	55	55	50	24	80
5033M	33mm	II	55	55	50	24	80
5035M	35mm	III	55	57	50	24	80
5038M	38mm	III	55	60	50	24	80
5040M	40mm	III	55	67	50	24	80
5041M	41mm	III	55	67	50	24	80
5046M	46mm	III	65	73	68	38	98



# #5 Spline Drive Impact Sockets



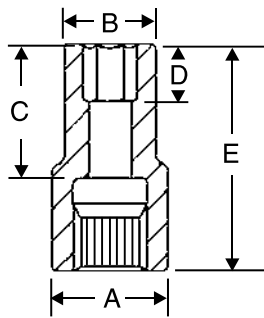
## 6 #5 Spline Drive Combination Budd Wheel Sockets SAE MM



Removes and installs budd-type wheel fasteners. Sockets have two openings, eliminating the need for two separate sockets.

Item Number	Hex Size	Square Size	Dimensions (Inches/Millimeters)				
			A	B	C	D	E
<b>5223C</b>	<b>1-1/2"</b>	<b>13/16"</b>	2.28	2.28	3.07	.55	4.25
<b>5241MC</b>	<b>41mm</b>	<b>21mm</b>	58	58	78	14	108

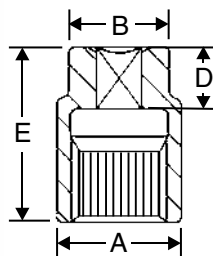
## 6 #5 Spline Drive Deep Thin-Wall Sockets SAE MM



Designed for truck wheel service. For lug nuts that are deeply recessed and where space is very limited.

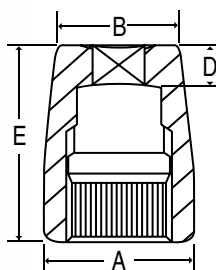
Item Number	Hex Size	Dimensions (Inches/Millimeters)				
		A	B	C	D	E
<b>5034DT</b>	<b>1-1/16"</b>	2.13	1.67	2.99	.98	4.17
<b>5036DT</b>	<b>1-1/8"</b>	2.13	1.69	2.99	.98	4.17
<b>5040DT</b>	<b>1-1/4"</b>	2.13	1.85	2.99	.98	4.17
<b>5042DT</b>	<b>1-5/16"</b>	2.13	1.93	2.99	.98	4.17
<b>5048DT</b>	<b>1-1/2"</b>	2.13	2.13	3.07	.98	4.25
<b>5035MDT</b>	<b>35mm</b>	54	51	78	25	108
<b>5041MDT</b>	<b>41mm</b>	57	57	78	25	108

## 4 #5 Spline Drive 4-Point (Square) Sockets SAE MM



Item Number	Square Size	Dimensions (Inches/Millimeters)			
		A	B	D	E
<b>5313S</b>	<b>13/16"</b>	2.17	1.73	.94	2.68
<b>5315S</b>	<b>15/16"</b>	2.17	1.73	.94	2.68
<b>5317S</b>	<b>17mm</b>	55	52	24	77
<b>5321S</b>	<b>21mm</b>	55	52	24	77

## 4 #5 Spline Drive 4-Point (Square) Heavy Duty Socket SAE



Item Number	Square Size	Dimensions (Inches)			
		A	B	D	E
<b>5313SHD</b>	<b>13/16"</b>	2.36	1.89	.67	3.07

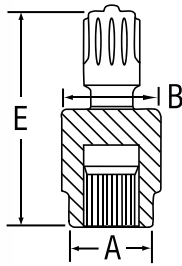




# #5 Spline Drive Impact Attachments

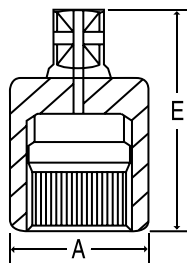


## #5 Spline Drive Universal Joint SAE



Item Number	Description	Socket Retention Device	Dimensions (Inches)		
			A	B	E
<b>5006UJ</b>	<b>#5 Spl. x #5 Spl.</b>	Lock Button	2.44	2.87	7.28

## #5 Spline Drive Adapters SAE

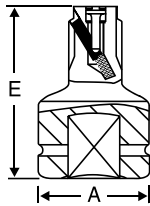


Item Number	Female End	Male End	Socket Retention Device	Dimensions (Inches)	
				A	E
<b>*5008A</b>	<b>#5 Spline</b>	<b>3/4"</b>	Pin Hole	2.09	3.43
<b>*5008AB</b>	<b>#5 Spline</b>	<b>3/4"</b>	Friction Ball	2.09	3.43
<b>*5009A</b>	<b>#5 Spline</b>	<b>1"</b>	Pin Hole	2.09	3.70
<b>*5009AB</b>	<b>#5 Spline</b>	<b>1"</b>	Friction Ball	2.09	3.70

Caution: Do not use Friction Ball Adapters with industrial anvils, extensions or universal joints with lock button socket retention devices.

\*#5 Spline Drive Reducing Adapters are not covered by the GP Warranty.

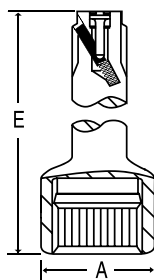
## #5 Spline Drive Adapters SAE



Item Number	Female End	Male End	Socket Retention Device	Dimensions (Inches)	
				A	E
<b>3011A</b>	<b>3/4" Square</b>	<b>#5 Spline</b>	Lock Button	2.13	4.13
<b>4011A</b>	<b>1" Square</b>	<b>#5 Spline</b>	Lock Button	2.20	4.14
<b>6011A</b>	<b>1-1/2" Square</b>	<b>#5 Spline</b>	Lock Button	3.39	4.92

**5500RK** Repair Kit for No. 3011A, No. 4011A & No. 6011A

## #5 Spline Drive Extensions SAE



Item Number	Description	Socket Retention Device	Dimensions (Inches)	
			A	E
<b>5508E</b>	<b>8" Extension</b>	Lock Button	2.32	7.87
<b>5515E</b>	<b>15" Extension</b>	Lock Button	2.32	14.96

**5500RK** Repair Kit for No. 5508E, No. 5515E, No. 3011A, No. 4011A & No. 6011A

### Socket Retention Device Key for #5 Spline Adapters, Extensions & Universal Joints



**Do NOT run the tool when the socket is OFF the fastener.**

#### **PH** Pin Hole

Uses Ret Ring® or Pin & O-ring to secure socket. The most secure system available. Recommended for 3/4" drive and larger impact wrenches.

#### **FB** Friction Ball

A spring loaded steel ball that lines up with the socket retainer hole. Use caution when using this system because the socket is held in place only by spring pressure on the steel ball.

#### **LB** Lock Button

Spring loaded locking device on Spline to secure socket. Socket is released by inserting object through socket face and depressing release button.



# 1/4" Drive Duo-Socket® Master Sets



## 6 No. 89653CRD 1/4" Drive 6-Point Standard & Deep Length Fractional & Metric Set SAE MM

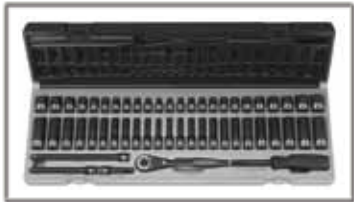


### 53 piece set contents:

- 10 Pieces Fractional Standard Length:**  
3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- 10 Pieces Fractional Deep Length:**  
3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- 14 Pieces Metric Standard Length:**  
4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm
- 14 Pieces Metric Deep Length:**  
4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm
- 1 Piece Each:**  
72 Tooth Quick Release Ratchet - 5.5" L  
2" Extension  
4" Extension  
6" Extension  
Spinner Handle  
Molded Storage Case

DUO

## 12 No. 89253CRD 1/4" Drive 12-Point Standard & Deep Length Fractional & Metric Set SAE MM



12-Point



### 53 piece set contents:

- 10 Pieces Fractional Standard Length:**  
3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- 10 Pieces Fractional Deep Length:**  
3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- 14 Pieces Metric Standard Length:**  
4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm
- 14 Pieces Metric Deep Length:**  
4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm
- 1 Piece Each:**  
72 Tooth Quick Release Ratchet - 5.5" L  
2" Extension  
4" Extension  
6" Extension  
Spinner Handle  
Molded Storage Case



# 3/8" Drive 6-Point Duo-Socket® Master Set



## 6 No. 81659CRD 3/8" Drive 6-Point Standard & Deep Length Fractional & Metric Set



DUO

### 59 piece set contents:

#### 12 Pieces Fractional Standard Length:

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

#### 12 Pieces Fractional Deep Length:

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

#### 16 Pieces Metric Standard Length:

7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm

#### 16 Pieces Metric Deep Length:

7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm

#### 1 Piece Each:

72 Tooth Quick Release Ratchet - 8" L  
3" Extension  
6" Extension

Molded Storage Case



# 3/8" Drive 6-Point Duo-Socket® Sets



## 6 No. 81627RD 3/8" Drive 6-Point Standard & Deep Length Fractional Set SAE

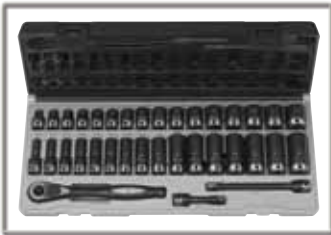


### 27 piece set contents:

- 12 Pieces Fractional Standard Length:  
5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4",  
13/16", 7/8", 15/16", 1"
- 12 Pieces Fractional Deep Length:  
5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4",  
13/16", 7/8", 15/16", 1"
- 1 Piece Each:  
72 Tooth Quick Release Ratchet - 8" L  
3" Extension  
6" Extension  
Molded Storage Case

DUO

## 6 No. 81635MRD 3/8" Drive 6-Point Standard & Deep Length Metric Set MM



### 35 piece set contents:

- 16 Pieces Metric Standard Length:  
7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm,  
14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm,  
21mm, 22mm
- 16 Pieces Metric Deep Length:  
7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm,  
14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm,  
21mm, 22mm
- 1 Piece Each:  
72 Tooth Quick Release Ratchet - 8" L  
3" Extension  
6" Extension  
Molded Storage Case



# 3/8" Drive 12-Point Duo-Socket® Master Set



**12** No. 81259CRD 3/8" Drive 12-Point Standard & Deep Length Fractional & Metric Set



DUO

### 59 piece set contents:

#### 12 Pieces Fractional Standard Length:

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

#### 12 Pieces Fractional Deep Length:

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

#### 16 Pieces Metric Standard Length:

7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm

#### 16 Pieces Metric Deep Length:

7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm

#### 1 Piece Each:

72 Tooth Quick Release Ratchet - 8" L  
3" Extension  
6" Extension

Molded Storage Case



# 1/2" Drive 6-Point Fractional Duo-Socket® Sets



## 6 No. 82622 1/2" Drive 6-Point Standard Length Fractional Set SAE



### 22 piece set contents:

#### 19 Pieces Fractional Standard Length:

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 Piece Each:

24 Tooth Quick Release Ratchet - 10" L  
3" Extension  
6" Extension

Molded Storage Case

DUO

## 6 No. 82622D 1/2" Drive 6-Point Deep Length Fractional Set SAE



### 22 piece set contents:

#### 19 Pieces Fractional Deep Length:

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 Piece Each:

24 Tooth Quick Release Ratchet - 10" L  
3" Extension  
6" Extension

Molded Storage Case



# 1/2" Drive 6-Point Metric Duo-Socket® Sets



## 6 No. 82629M 1/2" Drive 6-Point Standard Length Metric Set



### 29 piece set contents:

#### 26 Pieces Metric Standard Length:

10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 25mm, 26mm, 27mm, 28mm, 29mm, 30mm, 32mm, 33mm, 34mm, 35mm, 36mm

#### 1 Piece Each:

24 Tooth Quick Release Ratchet - 10" L  
3" Extension  
6" Extension

Molded Storage Case

## 6 No. 82629MD 1/2" Drive 6-Point Deep Length Metric Set



### 29 piece set contents:

#### 26 Pieces Metric Deep Length:

10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 25mm, 26mm, 27mm, 28mm, 29mm, 30mm, 32mm, 33mm, 34mm, 35mm, 36mm

#### 1 Piece Each:

24 Tooth Quick Release Ratchet - 10" L  
3" Extension  
6" Extension

Molded Storage Case

DUO



# 1/2" Drive 12-Point Fractional Duo-Socket® Sets



12

No. 82222

1/2" Drive 12-Point Standard Length Fractional Set

SAE



22 piece set contents:

19 Pieces Fractional Standard Length:

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 Piece Each:

24 Tooth Quick Release Ratchet - 10" L  
3" Extension  
6" Extension

Molded Storage Case

DUO

12

No. 82222D

1/2" Drive 12-Point Deep Length Fractional Set

SAE



22 piece set contents:

19 Pieces Fractional Deep Length:

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 Piece Each:

24 Tooth Quick Release Ratchet - 10" L  
3" Extension  
6" Extension

Molded Storage Case





# 1/2" Drive 12-Point Metric Duo-Socket® Sets



## 12 No. 82229M 1/2" Drive 12-Point Standard Length Metric Set



### 29 piece set contents:

#### 26 Pieces Metric Standard Length:

10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 25mm, 26mm, 27mm, 28mm, 29mm, 30mm, 32mm, 33mm, 34mm, 35mm, 36mm

#### 1 Piece Each:

24 Tooth Quick Release Ratchet - 10" L  
3" Extension  
6" Extension

Molded Storage Case

## 12 No. 82229MD 1/2" Drive 12-Point Deep Length Metric Set



### 29 piece set contents:

#### 26 Pieces Metric Deep Length:

10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 25mm, 26mm, 27mm, 28mm, 29mm, 30mm, 32mm, 33mm, 34mm, 35mm, 36mm

#### 1 Piece Each:

24 Tooth Quick Release Ratchet - 10" L  
3" Extension  
6" Extension

Molded Storage Case

DUO



The GP **Precision Drive Ratchet** provides unmatched smooth performance and durability. The ergonomically designed handle adds comfort to all working conditions.

## Quick Release Ratchets and Repair Kits



Item Number	Drive Size	No. Teeth	Handle Length	Repair Kit
<b>9572BRQ</b>	<b>1/4"</b>	72	5.5"	<b>9000RK</b>
<b>1872BRQ</b>	<b>3/8"</b>	72	8"	<b>1000RK</b>
<b>21024BRQ</b>	<b>1/2"</b>	24	10"	<b>2000RK</b>

All ratchets are packaged on a display hanger.

DUO

## No. 9506WH 1/4" Drive Spinner Handle with Wobble Drive



This hand tool's wobble drive allows up to 15° of deflection for access to tight areas. Its unique design also allows the socket to be locked straight for normal use. Features a friction ball retaining device and female drive in the handle where a ratchet can be used for extra leverage.



Item Number	Drive Size	Handle Length
<b>9506WH</b>	<b>1/4"</b>	5.9"



# 1/4" Drive Impact Hex Drivers



## Hex No. 9298HC 1/4" Drive Fractional & Metric Hex Driver Set SAE MM



14 piece set contents:



9904F	.....	1/8"	9902M	.....	.2mm
9905F	.....	5/32" / 4mm	9925M	.....	2.5mm
9906F	.....	3/16"	9903M	.....	.3mm
9907F	.....	7/32"	9905M	.....	.5mm
9908F	.....	1/4"	9906M	.....	.6mm
9910F	.....	5/16" / 8mm	9907M	.....	.7mm
9912F	.....	3/8"	9910M	.....	.10mm

Molded Storage Case

## Hex 1/4" Drive Fractional Hex Drivers SAE

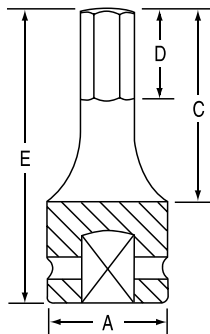
One piece impact hex drivers in fractional sizes.



Item Number	Hex Size	Dimensions (Inches)			
		A	C	D	E
<b>9904F</b>	<b>1/8"</b>	.51	.83	.24	1.38
<b>9905F</b>	<b>5/32"</b>	.51	.83	.24	1.38
<b>9906F</b>	<b>3/16"</b>	.51	.83	.24	1.38
<b>9907F</b>	<b>7/32"</b>	.51	.83	.24	1.38
<b>9908F</b>	<b>1/4"</b>	.51	.83	.24	1.38
<b>9910F</b>	<b>5/16"</b>	.51	.83	.31	1.38
<b>9912F</b>	<b>3/8"</b>	.51	.83	.39	1.38

## Hex 1/4" Drive Metric Hex Drivers MM

One piece impact hex drivers in metric sizes.



Item Number	Hex Size	Dimensions (Millimeters)			
		C	D	E	
<b>9902M</b>	<b>2mm</b>	13	21	4	35
<b>9925M</b>	<b>2.5mm</b>	13	21	4	35
<b>9903M</b>	<b>3mm</b>	13	21	6	35
<b>9904M</b>	<b>4mm</b>	13	21	6	35
<b>9905M</b>	<b>5mm</b>	13	21	6	35
<b>9906M</b>	<b>6mm</b>	13	21	6	35
<b>9907M</b>	<b>7mm</b>	13	21	8	35
<b>9908M</b>	<b>8mm</b>	13	21	8	35
<b>9909M</b>	<b>9mm</b>	13	21	10	35
<b>9910M</b>	<b>10mm</b>	13	21	10	35



# 3/8" Drive Impact Hex Driver Sets



## Hex No. 1298HC 3/8" Drive Fractional & Metric Hex Driver Set SAE MM



### 13 piece set contents:

1906F	.....	3/16"	1904M	.....	.4mm
1907F	.....	7/32"	1905M	.....	.5mm
1908F	.....	1/4"	1906M	.....	.6mm
1910F	.....	5/16"/8mm	1907M	.....	.7mm
1912F	.....	3/8"	1910M	.....	10mm
1914F	.....	7/16"	1912M	.....	12mm
1916F	.....	1/2"			Molded Storage Case

## Hex No. 1297H 3/8" Drive Fractional Hex Driver Set SAE



### 7 piece set contents:

1906F	.....	3/16"	1912F	.....	3/8"
1907F	.....	7/32"	1914F	.....	7/16"
1908F	.....	1/4"	1916F	.....	1/2"
1910F	.....	5/16"			Molded Storage Case

## Hex No. 1297MH 3/8" Drive Metric Hex Driver Set MM



### 7 piece set contents:

1904M	.....	.4mm	1908M	.....	.8mm
1905M	.....	.5mm	1910M	.....	10mm
1906M	.....	.6mm	1912M	.....	12mm
1907M	.....	.7mm			Molded Storage Case

HEX



# 3/8" Drive Impact Hex Drivers



## Hex SAE 3/8" Drive Fractional Hex Drivers

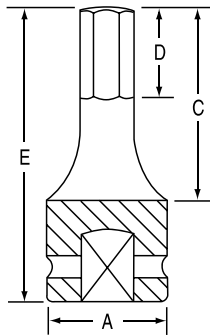
One piece impact hex drivers in fractional sizes.



Item Number	Hex Size	Dimensions (Inches)			
		A	C	D	E
<b>1906F</b>	<b>3/16"</b>	.75	1.22	.63	1.97
<b>1907F</b>	<b>7/32"</b>	.75	1.22	.63	1.97
<b>1908F</b>	<b>1/4"</b>	.75	1.22	.63	1.97
<b>1909F</b>	<b>9/32"</b>	.75	1.22	.63	1.97
<b>1910F</b>	<b>5/16"</b>	.75	1.22	.63	1.97
<b>1912F</b>	<b>3/8"</b>	.75	1.22	.63	1.97
<b>1914F</b>	<b>7/16"</b>	.75	1.22	.63	1.97
<b>1916F</b>	<b>1/2"</b>	.75	1.22	.63	1.97

## Hex MM 3/8" Drive Metric Hex Drivers

One piece impact hex drivers in metric sizes.



Item Number	Hex Size	Dimensions (Millimeters)			
		A	C	D	E
<b>1904M</b>	<b>4mm</b>	19	31	12	50
<b>1905M</b>	<b>5mm</b>	19	31	12	50
<b>1906M</b>	<b>6mm</b>	19	31	12	50
<b>1907M</b>	<b>7mm</b>	19	31	16	50
<b>1908M</b>	<b>8mm</b>	19	31	16	50
<b>1909M</b>	<b>9mm</b>	19	31	16	50
<b>1910M</b>	<b>10mm</b>	19	31	16	50
<b>1911M</b>	<b>11mm</b>	19	31	16	50
<b>1912M</b>	<b>12mm</b>	19	31	16	50



# 3/8" Drive Extended Length Impact Hex Driver Sets



## Hex No. 1247H 3/8" Drive - 4" Length - Fractional Hex Driver Set SAE



**4" Length**

### 7 piece set contents:

19064F . . . . . 3/16"	19124F . . . . . 3/8"
19074F . . . . . 7/32"	19144F . . . . . 7/16"
19084F . . . . . 1/4"	19164F . . . . . 1/2"
19104F . . . . . 5/16"	on a Metal Clip Rail

## Hex No. 1267H 3/8" Drive - 6" Length - Fractional Hex Driver Set SAE



**6" Length**

### 7 piece set contents:

19066F . . . . . 3/16"	19126F . . . . . 3/8"
19076F . . . . . 7/32"	19146F . . . . . 7/16"
19086F . . . . . 1/4"	19166F . . . . . 1/2"
19106F . . . . . 5/16"	on a Metal Clip Rail

## Hex No. 1247MH 3/8" Drive - 4" Length - Metric Hex Driver Set MM



**4" Length**

### 7 piece set contents:

19044M . . . . . 4mm	19084M . . . . . 8mm
19054M . . . . . 5mm	19104M . . . . . 10mm
19064M . . . . . 6mm	19124M . . . . . 12mm
19074M . . . . . 7mm	on a Metal Clip Rail

## Hex No. 1267MH 3/8" Drive - 6" Length - Metric Hex Driver Set MM



**6" Length**

### 7 piece set contents:

19046M . . . . . 4mm	19086M . . . . . 8mm
19056M . . . . . 5mm	19106M . . . . . 10mm
19066M . . . . . 6mm	19126M . . . . . 12mm
19076M . . . . . 7mm	on a Metal Clip Rail

HEX



# 3/8" Drive - 4" Length Impact Hex Drivers



## Hex 3/8" Drive - 4" Length - Fractional Hex Drivers SAE

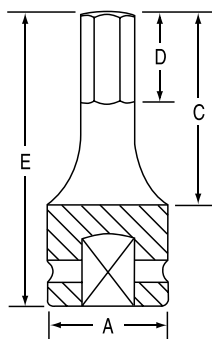
One piece impact hex drivers in fractional sizes. 4" extended length for special applications.



Item Number	Hex Size	Dimensions (Inches)			
		A	C	D	E
<b>19064F</b>	<b>3/16"</b>	.75	3.23	.43	3.94
<b>19074F</b>	<b>7/32"</b>	.75	3.23	.43	3.94
<b>19084F</b>	<b>1/4"</b>	.75	3.23	.43	3.94
<b>19094F</b>	<b>9/32"</b>	.75	3.23	.43	3.94
<b>19104F</b>	<b>5/16"</b>	.75	3.23	.63	3.94
<b>19124F</b>	<b>3/8"</b>	.75	3.23	.63	3.94
<b>19144F</b>	<b>7/16"</b>	.75	3.23	.63	3.94
<b>19164F</b>	<b>1/2"</b>	.75	3.23	.63	3.94

## Hex 3/8" Drive - 4" Length - Metric Hex Drivers MM

One piece impact hex drivers in metric sizes. 4" extended length for special applications.



Item Number	Hex Size	Dimensions (Millimeters)			
		A	C	D	E
<b>19044M</b>	<b>4mm</b>	19	82	11	100
<b>19054M</b>	<b>5mm</b>	19	82	11	100
<b>19064M</b>	<b>6mm</b>	19	82	11	100
<b>19074M</b>	<b>7mm</b>	19	82	16	100
<b>19084M</b>	<b>8mm</b>	19	82	16	100
<b>19094M</b>	<b>9mm</b>	19	82	16	100
<b>19104M</b>	<b>10mm</b>	19	82	16	100
<b>19114M</b>	<b>11mm</b>	19	82	16	100
<b>19124M</b>	<b>12mm</b>	19	82	16	100



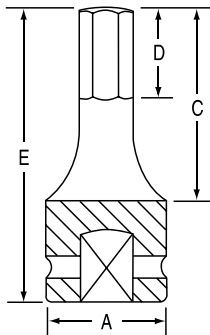
# 3/8" Drive - 6" Length Impact Hex Drivers



## Hex 3/8" Drive - 6" Length - Fractional Hex Drivers SAE

One piece impact hex drivers in fractional sizes. 6" extended length for special applications.

Item Number	Hex Size	Dimensions (Inches)			
		A	C	D	E
<b>19066F</b>	<b>3/16"</b>	.75	5.24	.43	5.91
<b>19076F</b>	<b>7/32"</b>	.75	5.24	.43	5.91
<b>19086F</b>	<b>1/4"</b>	.75	5.24	.43	5.91
<b>19096F</b>	<b>9/32"</b>	.75	5.24	.43	5.91
<b>19106F</b>	<b>5/16"</b>	.75	5.24	.63	5.91
<b>19126F</b>	<b>3/8"</b>	.75	5.24	.63	5.91
<b>19146F</b>	<b>7/16"</b>	.75	5.24	.63	5.91
<b>19166F</b>	<b>1/2"</b>	.75	5.24	.63	5.91



## Hex 3/8" Drive - 6" Length - Metric Hex Drivers MM

One piece impact hex drivers in metric sizes. 6" extended length for special applications.

Item Number	Hex Size	Dimensions (Millimeters)			
		A	C	D	E
<b>19046M</b>	<b>4mm</b>	19	133	11	150
<b>19056M</b>	<b>5mm</b>	19	133	11	150
<b>19066M</b>	<b>6mm</b>	19	133	11	150
<b>19076M</b>	<b>7mm</b>	19	133	16	150
<b>19086M</b>	<b>8mm</b>	19	133	16	150
<b>19096M</b>	<b>9mm</b>	19	133	16	150
<b>19106M</b>	<b>10mm</b>	19	133	16	150
<b>19116M</b>	<b>11mm</b>	19	133	16	150
<b>19126M</b>	<b>12mm</b>	19	133	16	150

HEX





# 1/2" Drive Impact Hex Driver Sets



## No. 1598HC 1/2" Drive Fractional & Metric Hex Driver Set



### 18 piece set contents:

- |       |       |           |       |       |                     |
|-------|-------|-----------|-------|-------|---------------------|
| 2908F | ..... | 1/4"      | 2906M | ..... | .6mm                |
| 2909F | ..... | 9/32"     | 2907M | ..... | .7mm                |
| 2910F | ..... | 5/16"/8mm | 2910M | ..... | 10mm                |
| 2912F | ..... | 3/8"      | 2912M | ..... | 12mm                |
| 2914F | ..... | 7/16"     | 2914M | ..... | 14mm                |
| 2916F | ..... | 1/2"      | 2915M | ..... | 15mm                |
| 2918F | ..... | 9/16"     | 2917M | ..... | 17mm                |
| 2920F | ..... | 5/8"/16mm | 2918M | ..... | 18mm                |
| 2922F | ..... | 11/16"    |       |       | Molded Storage Case |
| 2924F | ..... | 3/4"/19mm |       |       |                     |



## No. 1398H 1/2" Drive Fractional Hex Driver Set



### 10 piece set contents:

- |       |       |       |       |       |                     |
|-------|-------|-------|-------|-------|---------------------|
| 2908F | ..... | 1/4"  | 2916F | ..... | 1/2"                |
| 2909F | ..... | 9/32" | 2918F | ..... | 9/16"               |
| 2910F | ..... | 5/16" | 2920F | ..... | 5/8"                |
| 2912F | ..... | 3/8"  | 2922F | ..... | 11/16"              |
| 2914F | ..... | 7/16" | 2924F | ..... | 3/4"                |
|       |       |       |       |       | Molded Storage Case |



## No. 1498MH 1/2" Drive Metric Hex Driver Set



### 10 piece set contents:

- |       |       |      |       |       |                     |
|-------|-------|------|-------|-------|---------------------|
| 2906M | ..... | .6mm | 2914M | ..... | 14mm                |
| 2907M | ..... | .7mm | 2915M | ..... | 15mm                |
| 2908M | ..... | .8mm | 2917M | ..... | 17mm                |
| 2910M | ..... | 10mm | 2918M | ..... | 18mm                |
| 2912M | ..... | 12mm | 2919M | ..... | 19mm                |
|       |       |      |       |       | Molded Storage Case |

HEX





# 1/2" Drive Impact Hex Drivers



## Hex 1/2" Drive Fractional Hex Drivers SAE

One piece impact hex drivers in fractional sizes.

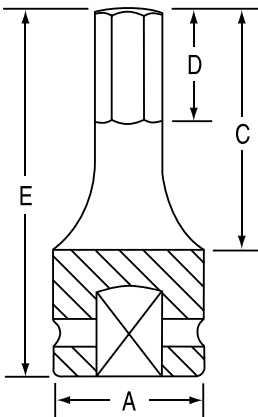


Item Number	Hex Size	Dimensions (Inches)			
		A	C	D	E
<b>2908F</b>	<b>1/4"</b>	.98	2.01	.59	2.95
<b>2909F</b>	<b>9/32"</b>	.98	2.01	.79	2.95
<b>2910F</b>	<b>5/16"</b>	.98	2.01	.98	2.95
<b>2912F</b>	<b>3/8"</b>	.98	2.01	.98	2.95
<b>2914F</b>	<b>7/16"</b>	.98	2.01	.98	2.95
<b>2916F</b>	<b>1/2"</b>	.98	2.01	.98	2.95
<b>2918F</b>	<b>9/16"</b>	.98	2.01	.98	2.95
<b>2920F</b>	<b>5/8"</b>	.98	2.01	.98	2.95
<b>2922F</b>	<b>11/16"</b>	.98	2.01	.98	2.95
<b>2924F</b>	<b>3/4"</b>	.98	2.01	.98	2.95

HEX

## Hex 1/2" Drive Metric Hex Drivers MM

One piece impact hex drivers in metric sizes.



Item Number	Hex Size	Dimensions (Millimeters)			
		A	C	D	E
<b>2906M</b>	<b>6mm</b>	25	51	15	75
<b>2907M</b>	<b>7mm</b>	25	51	20	75
<b>2908M</b>	<b>8mm</b>	25	51	25	75
<b>2909M</b>	<b>9mm</b>	25	51	25	75
<b>2910M</b>	<b>10mm</b>	25	51	25	75
<b>2911M</b>	<b>11mm</b>	25	51	25	75
<b>2912M</b>	<b>12mm</b>	25	51	25	75
<b>2913M</b>	<b>13mm</b>	25	51	25	75
<b>2914M</b>	<b>14mm</b>	25	51	25	75
<b>2915M</b>	<b>15mm</b>	25	51	25	75
<b>2916M</b>	<b>16mm</b>	25	51	25	75
<b>2917M</b>	<b>17mm</b>	25	51	25	75
<b>2918M</b>	<b>18mm</b>	25	51	25	75
<b>2919M</b>	<b>19mm</b>	25	51	25	75



# 1/2" Drive Extended Length Impact Hex Driver Sets



## No. 1340H 1/2" Drive - 4" Length - Fractional Hex Driver Set SAE



**4" Length**

### 10 piece set contents:

29084F..... 1/4"	29164F..... 1/2"
29094F..... 9/32"	29184F..... 9/16"
29104F..... 5/16"	29204F..... 5/8"
29124F..... 3/8"	29224F..... 11/16"
29144F..... 7/16"	29244F..... 3/4"

on a Metal Clip Rail



## No. 1360H 1/2" Drive - 6" Length - Fractional Hex Driver Set SAE



**6" Length**

### 10 piece set contents:

29086F..... 1/4"	29166F..... 1/2"
29096F..... 9/32"	29186F..... 9/16"
29106F..... 5/16"	29206F..... 5/8"
29126F..... 3/8"	29226F..... 11/16"
29146F..... 7/16"	29246F..... 3/4"

on a Metal Clip Rail



## No. 1343MH 1/2" Drive - 4" Length - Metric Hex Driver Set MM



**4" Length**

### 13 piece set contents:

29064M..... .6mm	29144M..... .14mm
29074M..... .7mm	29154M..... .15mm
29084M..... .8mm	29164M..... .16mm
29104M..... .10mm	29174M..... .17mm
29114M..... .11mm	29184M..... .18mm
29124M..... .12mm	29194M..... .19mm
29134M..... .13mm	

on a Metal Clip Rail



## No. 1363MH 1/2" Drive - 6" Length - Metric Hex Driver Set MM



**6" Length**

### 13 piece set contents:

29066M..... .6mm	29146M..... .14mm
29076M..... .7mm	29156M..... .15mm
29086M..... .8mm	29166M..... .16mm
29106M..... .10mm	29176M..... .17mm
29116M..... .11mm	29186M..... .18mm
29126M..... .12mm	29196M..... .19mm
29136M..... .13mm	

on a Metal Clip Rail

HEX



# 1/2" Drive - 4" Length Impact Hex Drivers



## Hex 1/2" Drive - 4" Length - Fractional Hex Drivers SAE

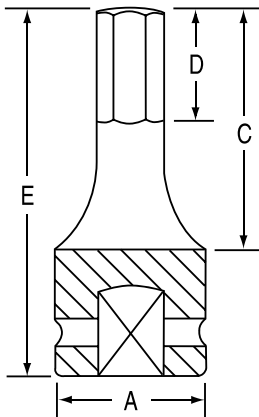
One piece impact hex drivers in fractional sizes. 4" extended length for special applications.



Item Number	Hex Size	Dimensions (Inches)			
		A	C	D	E
<b>29084F</b>	<b>1/4"</b>	.98	2.95	.59	3.94
<b>29094F</b>	<b>9/32"</b>	.98	2.95	.79	3.94
<b>29104F</b>	<b>5/16"</b>	.98	2.95	.98	3.94
<b>29124F</b>	<b>3/8"</b>	.98	2.95	.98	3.94
<b>29144F</b>	<b>7/16"</b>	.98	2.95	.98	3.94
<b>29164F</b>	<b>1/2"</b>	.98	2.95	.98	3.94
<b>29184F</b>	<b>9/16"</b>	1.18	2.95	.98	3.94
<b>29204F</b>	<b>5/8"</b>	1.18	2.95	.98	3.94
<b>29224F</b>	<b>11/16"</b>	1.18	2.95	.98	3.94
<b>29244F</b>	<b>3/4"</b>	1.18	2.95	.98	3.94

## Hex 1/2" Drive - 4" Length - Metric Hex Drivers MM

One piece impact hex drivers in metric sizes. 4" extended length for special applications.



Item Number	Hex Size	Dimensions (Millimeters)			
		A	C	D	E
<b>29064M</b>	<b>6mm</b>	25	75	15	100
<b>29074M</b>	<b>7mm</b>	25	75	20	100
<b>29084M</b>	<b>8mm</b>	25	75	25	100
<b>29094M</b>	<b>9mm</b>	25	75	25	100
<b>29104M</b>	<b>10mm</b>	25	75	25	100
<b>29114M</b>	<b>11mm</b>	25	75	25	100
<b>29124M</b>	<b>12mm</b>	25	75	25	100
<b>29134M</b>	<b>13mm</b>	25	75	25	100
<b>29144M</b>	<b>14mm</b>	30	75	25	100
<b>29154M</b>	<b>15mm</b>	30	75	25	100
<b>29164M</b>	<b>16mm</b>	30	75	25	100
<b>29174M</b>	<b>17mm</b>	30	75	25	100
<b>29184M</b>	<b>18mm</b>	30	75	25	100
<b>29194M</b>	<b>19mm</b>	30	75	25	100





# 1/2" Drive - 6" Length Impact Hex Drivers



## Hex 1/2" Drive - 6" Length - Fractional Hex Drivers SAE

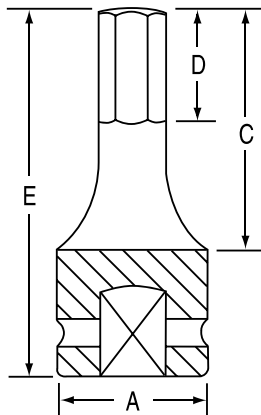
One piece impact hex drivers in fractional sizes. 6" extended length for special applications.



Item Number	Hex Size	Dimensions (Inches)			
		A	C	D	E
<b>29086F</b>	<b>1/4"</b>	.98	4.88	.59	5.91
<b>29096F</b>	<b>9/32"</b>	.98	4.88	.79	5.91
<b>29106F</b>	<b>5/16"</b>	.98	4.88	.98	5.91
<b>29126F</b>	<b>3/8"</b>	.98	4.88	.98	5.91
<b>29146F</b>	<b>7/16"</b>	.98	4.88	.98	5.91
<b>29166F</b>	<b>1/2"</b>	.98	4.88	.98	5.91
<b>29186F</b>	<b>9/16"</b>	.98	4.88	.98	5.91
<b>29206F</b>	<b>5/8"</b>	.98	4.88	.98	5.91
<b>29226F</b>	<b>11/16"</b>	.98	4.88	.98	5.91
<b>29246F</b>	<b>3/4"</b>	.98	4.88	.98	5.91

## Hex 1/2" Drive - 6" Length - Metric Hex Drivers MM

One piece impact hex drivers in metric sizes. 6" extended length for special applications.



Item Number	Hex Size	Dimensions (Millimeters)			
		A	C	D	E
<b>29066M</b>	<b>6mm</b>	25	124	15	150
<b>29076M</b>	<b>7mm</b>	25	124	20	150
<b>29086M</b>	<b>8mm</b>	25	124	25	150
<b>29096M</b>	<b>9mm</b>	25	124	25	150
<b>29106M</b>	<b>10mm</b>	25	124	25	150
<b>29116M</b>	<b>11mm</b>	25	124	25	150
<b>29126M</b>	<b>12mm</b>	25	124	25	150
<b>29136M</b>	<b>13mm</b>	25	124	25	150
<b>29146M</b>	<b>14mm</b>	25	124	25	150
<b>29156M</b>	<b>15mm</b>	25	124	25	150
<b>29166M</b>	<b>16mm</b>	25	124	25	150
<b>29176M</b>	<b>17mm</b>	25	124	25	150
<b>29186M</b>	<b>18mm</b>	25	124	25	150
<b>29196M</b>	<b>19mm</b>	25	124	25	150



# 1/2" Drive Universal Impact Hex Drivers



## Hex No. 1398UH 1/2" Drive Fractional Universal Hex Driver Set SAE



8 piece set contents:

2908UF . . . . . 1/4"	2916UF . . . . . 1/2"
2910UF . . . . . 5/16"	2918UF . . . . . 9/16"
2912UF . . . . . 3/8"	2920UF . . . . . 5/8"
2914UF . . . . . 7/16"	2924UF . . . . . 3/4"

Molded Storage Case

## Hex No. 1499UMH 1/2" Drive Metric Universal Hex Driver Set MM

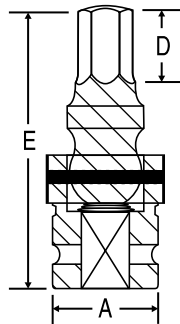


9 piece set contents:

2906UM . . . . . 6mm	2915UM . . . . . 15mm
2908UM . . . . . 8mm	2917UM . . . . . 17mm
2910UM . . . . . 10mm	2918UM . . . . . 18mm
2912UM . . . . . 12mm	2919UM . . . . . 19mm
2914UM . . . . . 14mm	

Molded Storage Case

## Hex 1/2" Drive Universal Hex Drivers SAE MM



Item Number	Hex Size	Dimensions (Inches/Millimeters)		
		A	D	E
<b>Fractional Sizes</b>				
<b>2908UF</b>	<b>1/4"</b>	1.10	.51	2.95
<b>2910UF</b>	<b>5/16"</b>	1.10	.79	2.95
<b>2912UF</b>	<b>3/8"</b>	1.10	.79	2.95
<b>2914UF</b>	<b>7/16"</b>	1.10	.79	2.95
<b>2916UF</b>	<b>1/2"</b>	1.10	.79	2.95
<b>2918UF</b>	<b>9/16"</b>	1.10	.79	2.95
<b>2920UF</b>	<b>5/8"</b>	1.10	.79	2.95
<b>2924UF</b>	<b>3/4"</b>	1.10	.79	2.95
<b>Metric Sizes</b>				
<b>2906UM</b>	<b>6mm</b>	28	13	75
<b>2908UM</b>	<b>8mm</b>	28	20	75
<b>2910UM</b>	<b>10mm</b>	28	20	75
<b>2912UM</b>	<b>12mm</b>	28	20	75
<b>2914UM</b>	<b>14mm</b>	28	20	75
<b>2915UM</b>	<b>15mm</b>	28	20	75
<b>2917UM</b>	<b>17mm</b>	28	20	75
<b>2918UM</b>	<b>18mm</b>	28	20	75
<b>2919UM</b>	<b>19mm</b>	28	20	75

HEX



# 3/4" Drive Impact Hex Drivers



## Hex No. 8096H 3/4" Drive Fractional Hex Driver Set SAE



6 piece set contents:

3916F .....	1/2"	3924F .....	3/4"
3918F .....	9/16"	3928F .....	7/8"
3920F .....	5/8"	3932F .....	1"
			Molded Storage Case

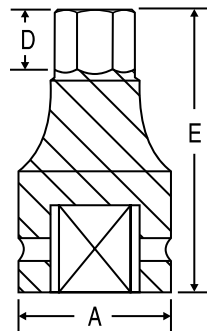
## Hex No. 8196MH 3/4" Drive Metric Hex Driver Set MM



6 piece set contents:

3912M .....	12mm	3922M .....	22mm
3914M .....	14mm	3924M .....	24mm
3917M .....	17mm		Molded Storage Case
3919M .....	19mm		

## Hex 3/4" Drive Hex Drivers SAE MM



Item Number	Hex Size	Dimensions (Inches)		
		A	D	E
<b>Fractional Sizes</b>				
<b>3916F</b>	<b>1/2"</b>	1.73	.79	3.94
<b>3918F</b>	<b>9/16"</b>	1.73	.79	3.94
<b>3920F</b>	<b>5/8"</b>	1.73	.79	3.94
<b>3924F</b>	<b>3/4"</b>	1.73	.79	3.94
<b>3926F</b>	<b>13/16"</b>	1.73	.79	3.94
<b>3928F</b>	<b>7/8"</b>	1.73	.79	3.94
<b>3932F</b>	<b>1"</b>	1.73	.79	3.94
<b>3934F</b>	<b>1-1/16"</b>	1.73	.79	3.94
<b>3936F</b>	<b>1-1/8"</b>	1.73	.79	3.94
<b>3938F</b>	<b>1-3/16"</b>	1.73	.79	3.94
<b>3940F</b>	<b>1-1/4"</b>	1.73	.79	3.94
<b>Metric Sizes</b>				
<b>3912M</b>	<b>12mm</b>	1.73	.79	3.94
<b>3914M</b>	<b>14mm</b>	1.73	.79	3.94
<b>3917M</b>	<b>17mm</b>	1.73	.79	3.94
<b>3919M</b>	<b>19mm</b>	1.73	.79	3.94
<b>3922M</b>	<b>22mm</b>	1.73	.79	3.94
<b>3924M</b>	<b>24mm</b>	1.73	.79	3.94
<b>3927M</b>	<b>27mm</b>	1.73	.79	3.94
<b>3930M</b>	<b>30mm</b>	1.73	.79	3.94



# 1" Drive Impact Hex Drivers



## Hex No. 9096H 1" Drive Fractional Hex Driver Set SAE



6 piece set contents:

4924F . . . . . 3/4"	4936F . . . . . 1-1/8"
4928F . . . . . 7/8"	4940F . . . . . 1-1/4"
4932F . . . . . 1"	4944F . . . . . 1-3/8"

Molded Storage Case

## Hex No. 9196MH 1" Drive Metric Hex Driver Set MM

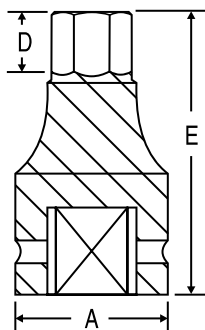


6 piece set contents:

4914M . . . . . 14mm	4922M . . . . . 22mm
4917M . . . . . 17mm	4924M . . . . . 24mm
4919M . . . . . 19mm	4927M . . . . . 27mm

Molded Storage Case

## Hex 1" Drive Hex Drivers SAE MM



Item Number	Hex Size	Dimensions (Inches/Millimeters)		
		A	D	E
<b>Fractional Sizes</b>				
4920F	5/8"	2.13	.79	3.94
4924F	3/4"	2.13	.79	3.94
4926F	13/16"	2.13	.79	3.94
4928F	7/8"	2.13	.79	3.94
4932F	1"	2.13	.79	3.94
4934F	1-1/16"	2.13	.79	3.94
4936F	1-1/8"	2.13	.79	3.94
4938F	1-3/16"	2.13	.79	3.94
4940F	1-1/4"	2.13	.79	3.94
4942F	1-5/16"	2.13	.79	3.94
4944F	1-3/8"	2.13	.79	3.94
4948F	1-1/2"	2.13	.79	3.94
4952F	1-5/8"	2.13	.79	3.94
4956F	1-3/4"	2.13	.79	3.94

<b>Metric Sizes</b>				
4914M	14mm	54	20	100
4917M	17mm	54	20	100
4919M	19mm	54	20	100
4922M	22mm	54	20	100
4924M	24mm	54	20	100
4927M	27mm	54	20	100
4930M	30mm	54	20	100
4933M	33mm	54	20	100
4936M	36mm	54	20	100
4938M	38mm	54	20	100
4941M	41mm	54	20	100

HEX





# 1-1/2" Drive Impact Hex Drivers



## 1-1/2" Drive Fractional Hex Drivers



One piece impact hex drivers in fractional sizes.



Item Number	Hex Size	Dimensions (Inches)		
		A	D	E
<b>6924F</b>	<b>3/4"</b>	3.39	.79	4.72
<b>6926F</b>	<b>13/16"</b>	3.39	.79	4.72
<b>6928F</b>	<b>7/8"</b>	3.39	.79	4.72
<b>6930F</b>	<b>15/16"</b>	3.39	.79	4.72
<b>6932F</b>	<b>1"</b>	3.39	.79	4.72
<b>6934F</b>	<b>1-1/16"</b>	3.39	.79	4.72
<b>6936F</b>	<b>1-1/8"</b>	3.39	.79	4.72
<b>6938F</b>	<b>1-3/16"</b>	3.39	.79	4.72
<b>6940F</b>	<b>1-1/4"</b>	3.39	.79	4.72
<b>6942F</b>	<b>1-5/16"</b>	3.39	.79	4.72
<b>6944F</b>	<b>1-3/8"</b>	3.39	.79	4.72
<b>6948F</b>	<b>1-1/2"</b>	3.39	.79	4.72
<b>6952F</b>	<b>1-5/8"</b>	3.39	.79	4.72
<b>6956F</b>	<b>1-3/4"</b>	3.39	.79	4.72
<b>6958F</b>	<b>1-13/16"</b>	3.39	.79	4.72
<b>6964F</b>	<b>2"</b>	3.39	.79	4.72
<b>6968F</b>	<b>2-1/8"</b>	3.39	.79	4.72
<b>6970F</b>	<b>2-3/16"</b>	3.39	.79	4.72

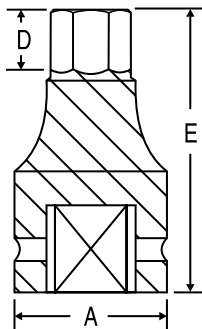


## 1-1/2" Drive Metric Hex Drivers



HEX

One piece impact hex drivers in metric sizes.



Item Number	Hex Size	Dimensions (Millimeters)		
		A	D	E
<b>6919M</b>	<b>19mm</b>	86	20	120
<b>6922M</b>	<b>22mm</b>	86	20	120
<b>6924M</b>	<b>24mm</b>	86	20	120
<b>6927M</b>	<b>27mm</b>	86	20	120
<b>6930M</b>	<b>30mm</b>	86	20	120
<b>6932M</b>	<b>32mm</b>	86	20	120
<b>6933M</b>	<b>33mm</b>	86	20	120
<b>6936M</b>	<b>36mm</b>	86	20	120
<b>6938M</b>	<b>38mm</b>	86	20	120
<b>6941M</b>	<b>41mm</b>	86	20	120
<b>6946M</b>	<b>46mm</b>	86	20	120
<b>6950M</b>	<b>50mm</b>	86	20	120
<b>6955M</b>	<b>55mm</b>	86	20	120



**WARNING:** Always wear safety goggles when using Impact Tools. Use only properly matched fractional or metric sizes.





# Internal Star Impact Drivers



## ★ No. 1234T 1/4", 3/8", 1/2" Drive Internal Star Set



### 12 piece set contents:

- 6 Pieces 1/4" Drive Star Sizes:  
T10, T15, T20, T25, T27, T30
- 5 Pieces 3/8" Drive Star Sizes:  
T40, T45, T47, T50, T55
- 1 Piece 1/2" Drive Star Size:  
T60
- Molded Storage Case

## ★ No. 996T 1/4" Drive Internal Star Set

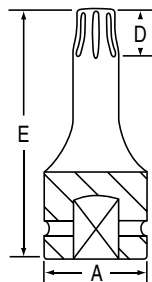


### 6 piece set contents:

- 6 Pieces 1/4" Drive Internal Star Sizes:  
T10, T15, T20, T25, T27, T30
- on a Metal Clip Rail

Star

## ★ 1/4" Drive Individual Internal Star Drivers



Item Number	Star Size	Dimensions (Inches)		
		A	D	E
<b>910T</b>	<b>T10</b>	.51	.11	1.38
<b>915T</b>	<b>T15</b>	.51	.11	1.38
<b>920T</b>	<b>T20</b>	.51	.11	1.38
<b>925T</b>	<b>T25</b>	.51	.12	1.38
<b>927T</b>	<b>T27</b>	.51	.12	1.38
<b>930T</b>	<b>T30</b>	.51	.15	1.38



# 3/8" Drive Internal Star Impact Drivers



## No. 1200T 3/8" Drive Internal Star Set



9 piece set contents:

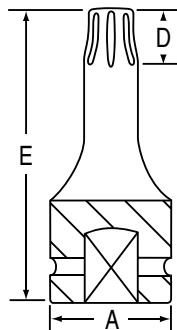
9 Pieces 3/8" Drive Internal Star Sizes:  
T20, T25, T27, T30, T40, T45, T47, T50, T55  
Molded Storage Case



## 3/8" Drive Individual Internal Star Drivers



Item Number	Star Size	Dimensions (Inches)		
		A	D	E
<b>1120T</b>	<b>T20</b>	.75	.11	1.97
<b>1125T</b>	<b>T25</b>	.75	.12	1.97
<b>1127T</b>	<b>T27</b>	.75	.12	1.97
<b>1130T</b>	<b>T30</b>	.75	.15	1.97
<b>1140T</b>	<b>T40</b>	.75	.15	1.97
<b>1145T</b>	<b>T45</b>	.75	.17	1.97
<b>1147T</b>	<b>T47</b>	.75	.20	1.97
<b>1150T</b>	<b>T50</b>	.75	.20	1.97
<b>1155T</b>	<b>T55</b>	.75	.22	1.97



Star



# 3/8" Drive Extended Length Internal Star Impact Drivers



## ★ No. 1206T 3/8" Drive Extended Length Internal Star Set

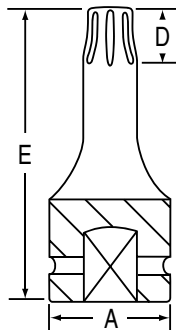


9 piece set contents:

11206T .....	T20	11456T .....	T45
11256T .....	T25	11476T .....	T47
11276T .....	T27	11506T .....	T50
11306T .....	T30	11556T .....	T55
11406T .....	T40		on a Metal Clip Rail

## ★ 3/8" Drive Individual Extended Length Internal Star Drivers

These extended length Star drivers with 6" overall length are designed for a wide variety of applications where long reach is needed. They are especially useful for automotive trim work as well as many industrial applications.



Item Number	Star Size	Dimensions (Inches)		
		A	D	E
<b>11206T</b>	<b>T20</b>	.75	.11	5.91
<b>11256T</b>	<b>T25</b>	.75	.12	5.91
<b>11276T</b>	<b>T27</b>	.75	.12	5.91
<b>11306T</b>	<b>T30</b>	.75	.15	5.91
<b>11406T</b>	<b>T40</b>	.75	.15	5.91
<b>11456T</b>	<b>T45</b>	.75	.17	5.91
<b>11476T</b>	<b>T47</b>	.75	.20	5.91
<b>11506T</b>	<b>T50</b>	.75	.20	5.91
<b>11556T</b>	<b>T55</b>	.75	.22	5.91

Star



# 1/2" Drive Internal Star Impact Drivers



## No. 1300T 1/2" Drive Internal Star Set



8 piece set contents:

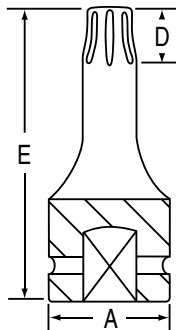
8 Pieces 1/2" Drive Internal Star Sizes:  
T30, T40, T45, T47, T50, T55, T60, T70  
Molded Storage Case



## 1/2" Drive Individual Internal Star Drivers



Item Number	Star Size	Dimensions (Inches)		
		A	D	E
<b>2130T</b>	<b>T30</b>	.98	.15	2.95
<b>2140T</b>	<b>T40</b>	.98	.15	2.95
<b>2145T</b>	<b>T45</b>	.98	.17	2.95
<b>2147T</b>	<b>T47</b>	.98	.20	2.95
<b>2150T</b>	<b>T50</b>	.98	.20	2.95
<b>2155T</b>	<b>T55</b>	.98	.22	2.95
<b>2160T</b>	<b>T60</b>	.98	.31	2.95
<b>2170T</b>	<b>T70</b>	.98	.37	2.95



Star



# Tamper-Proof Star Impact Drivers



## ⚙ No. 1235TT 1/4", 3/8", 1/2" Drive Tamper-Proof Star Set

Tamper-Proof



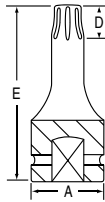
### 12 piece set contents:

- 6 Pieces 1/4" Drive Star Sizes:  
TT10, TT15, TT20, TT25, TT27, TT30
- 5 Pieces 3/8" Drive Star Sizes:  
TT40, TT45, TT47, TT50, TT55
- 1 Piece 1/2" Drive Star Size:  
TT60
- Molded Storage Case



## ⚙ 1/4" Drive Individual Tamper-Proof Star Drivers

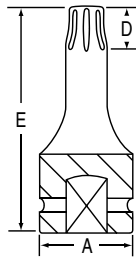
Tamper-Proof



Item Number	Star Size	Dimensions (Inches)		
		A	D	E
908TT	TT8	.51	.08	1.38
909TT	TT9	.51	.08	1.38
910TT	TT10	.51	.11	1.38
915TT	TT15	.51	.11	1.38
920TT	TT20	.51	.11	1.38
925TT	TT25	.51	.12	1.38
927TT	TT27	.51	.12	1.38
930TT	TT30	.51	.15	1.38

## ⚙ 3/8" Drive Individual Tamper-Proof Star Drivers

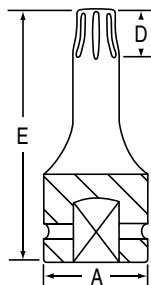
Tamper-Proof



Item Number	Star Size	Dimensions (Inches)		
		A	D	E
1120TT	TT20	.75	.11	1.97
1125TT	TT25	.75	.12	1.97
1127TT	TT27	.75	.12	1.97
1130TT	TT30	.75	.15	1.97
1140TT	TT40	.75	.15	1.97
1145TT	TT45	.75	.17	1.97
1147TT	TT47	.75	.20	1.97
1150TT	TT50	.75	.20	1.97
1155TT	TT55	.75	.22	1.97

## ⚙ 1/2" Drive Individual Tamper-Proof Star Drivers

Tamper-Proof



Item Number	Star Size	Dimensions (Inches)		
		A	D	E
2130TT	TT30	.98	.15	2.95
2140TT	TT40	.98	.15	2.95
2145TT	TT45	.98	.17	2.95
2147TT	TT47	.98	.20	2.95
2150TT	TT50	.98	.20	2.95
2155TT	TT55	.98	.22	2.95
2160TT	TT60	.98	.31	2.95
2170TT	TT70	.98	.37	2.95



# 1/4" Drive External Star Impact Sockets



## **ET** No. 998ET 1/4" Drive External Star Socket Set

8 piece set contents:

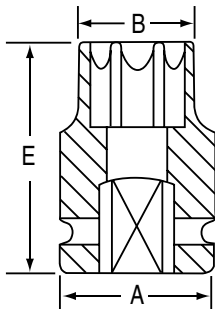
8 Pieces 1/4" Drive External Star Sizes:  
E4, E5, E6, E7, E8, E10, E11, E12  
on a Metal Clip Rail



## **ET** 1/4" Drive Individual External Star Sockets



Item Number	Star Size	Shape	Dimensions (Inches)		
			A	B	E
<b>904ET</b>	<b>E4</b>	I	.51	.22	.98
<b>905ET</b>	<b>E5</b>	I	.51	.28	.98
<b>906ET</b>	<b>E6</b>	I	.51	.31	.98
<b>907ET</b>	<b>E7</b>	I	.51	.35	.98
<b>908ET</b>	<b>E8</b>	I	.51	.39	.98
<b>910ET</b>	<b>E10</b>	I	.51	.47	.98
<b>911ET</b>	<b>E11</b>	II	.51	.49	.98
<b>912ET</b>	<b>E12</b>	II	.57	.55	.98



Star



# 3/8" Drive External Star Impact Sockets



## ET No. 1219ET 3/8" Drive External Star Socket Set



9 piece set contents:

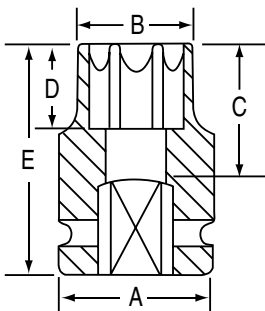
9 Pieces 3/8" Drive External Star Sizes:  
E5, E6, E7, E8, E10, E11, E12, E14, E16  
Molded Storage Case



## ET 3/8" Drive Individual External Star Sockets



Item Number	Star Size	Dimensions (Inches)				
		A	B	C	D	E
<b>1105ET</b>	<b>E5</b>	.75	.28	.79	.18	1.26
<b>1106ET</b>	<b>E6</b>	.75	.31	.79	.20	1.26
<b>1107ET</b>	<b>E7</b>	.75	.35	.79	.24	1.26
<b>1108ET</b>	<b>E8</b>	.75	.39	.79	.26	1.26
<b>1110ET</b>	<b>E10</b>	.75	.47	.79	.30	1.26
<b>1111ET</b>	<b>E11</b>	.75	.51	.79	.31	1.26
<b>1112ET</b>	<b>E12</b>	.75	.55	.79	.33	1.26
<b>1114ET</b>	<b>E14</b>	.75	.65	.79	.39	1.26
<b>1116ET</b>	<b>E16</b>	.75	.72	.79	.43	1.26



Star





# 1/2" Drive External Star Impact Sockets



## ET No. 1319ET 1/2" Drive External Star Socket Set



9 piece set contents:

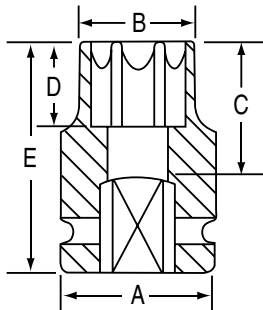
9 Pieces 1/2" Drive External Star Sizes:  
E10, E11, E12, E14, E16, E18, E20, E22, E24  
Molded Storage Case



## ET 1/2" Drive Individual External Star Sockets



Item Number	Star Size	Dimensions (Inches)				
		A	B	C	D	E
2110ET	E10	.98	.47	.83	.30	1.50
2111ET	E11	.98	.51	.83	.31	1.50
2112ET	E12	.98	.55	.83	.33	1.50
2114ET	E14	.98	.65	.83	.39	1.50
2116ET	E16	.98	.72	.83	.43	1.50
2118ET	E18	.98	.81	.83	.49	1.50
2120ET	E20	1.18	.89	.83	.55	1.50
2122ET	E22	1.18	.96	1.10	.59	1.77
2124ET	E24	1.18	1.04	1.10	.65	1.77



Star



## No. TRX224 Tamper-Proof Star Bit Set

**NOT FOR IMPACT USE**



### 24 piece set contents:

Set includes a total of 22 bits and 2 bit holders in a molded case.  
Bit sizes: T10, T15, T20, T25, T27, T30, T40, T45, T50, T55, T60 in 30mm & 75mm lengths, 3/8" drive and 1/2" drive bit holders.

### Individual Tamper-Proof Star Bit Sizes:

Item Number	Bit Size	Item Number	Bit Size
Regular Length 1.811" (30mm)		Long Length 2.953" (75mm)	
<b>B3010</b>	T10	<b>B7510</b>	T10
<b>B3015</b>	T15	<b>B7515</b>	T15
<b>B3020</b>	T20	<b>B7520</b>	T20
<b>B3025</b>	T25	<b>B7525</b>	T25
<b>B3027</b>	T27	<b>B7527</b>	T27
<b>B3030</b>	T30	<b>B7530</b>	T30
<b>B3040</b>	T40	<b>B7540</b>	T40
<b>B3045</b>	T45	<b>B7545</b>	T45
<b>B3050</b>	T50	<b>B7550</b>	T50
<b>B3055</b>	T55	<b>B7555</b>	T55
<b>B3060</b>	T60	<b>B7560</b>	T60
<b>BH10</b>	3/8" Drive Bit Holder		
<b>BH20</b>	1/2" Drive Bit Holder		

## No. TPX18 Tamper-Proof Star Screwdriver & Key Set

**NOT FOR IMPACT USE**



### 18 piece set contents:

9 Tamper-Proof Star Screwdrivers and 9 Tamper-Proof Star Keys in sizes: T8, T9, T10, T15, T20, T25, T27, T30, T40 in a molded case.

### Individual Tamper-Proof Star Screwdriver Sizes:

### Individual Tamper-Proof Star Key Sizes:

Item Number	Size	Item Number	Size
<b>TPS08</b>	T8	<b>TPK08</b>	T8
<b>TPS09</b>	T9	<b>TPK09</b>	T9
<b>TPS10</b>	T10	<b>TPK10</b>	T10
<b>TPS15</b>	T15	<b>TPK15</b>	T15
<b>TPS20</b>	T20	<b>TPK20</b>	T20
<b>TPS25</b>	T25	<b>TPK25</b>	T25
<b>TPS27</b>	T27	<b>TPK27</b>	T27
<b>TPS30</b>	T30	<b>TPK30</b>	T30
<b>TPS40</b>	T40	<b>TPK40</b>	T40



Star



# 3/8" Drive Triple Square Impact Driver Sets



## No. 1207S 3/8" Drive Triple Square Driver Set



7 piece set contents:

1105S .....	M5	1112S .....	M12
1106S .....	M6	1114S .....	M14
1108S .....	M8	1116S .....	M16
1110S .....	M10		on a Metal Clip Rail

## No. 1247S 3/8" Drive - 4" Length - Triple Square Driver Set



7 piece set contents:

11054S .....	M5	11124S .....	M12
11064S .....	M6	11144S .....	M14
11084S .....	M8	11164S .....	M16
11104S .....	M10		on a Metal Clip Rail

4" Length

## No. 1207ST 3/8" Drive Tamper-Proof Triple Square Driver Set

Tamper-Proof



7 piece set contents:

1105ST .....	M5	1112ST .....	M12
1106ST .....	M6	1114ST .....	M14
1108ST .....	M8	1116ST .....	M16
1110ST .....	M10		on a Metal Clip Rail

## No. 1247ST 3/8" Drive - 4" Length - Tamper-Proof Triple Square Driver Set

Tamper-Proof



7 piece set contents:

11054ST .....	M5	11124ST .....	M12
11064ST .....	M6	11144ST .....	M14
11084ST .....	M8	11164ST .....	M16
11104ST .....	M10		on a Metal Clip Rail

4" Length

Triple Square



# 3/8" Drive Triple Square Impact Drivers



## 3/8" Drive Triple Square Drivers

One piece Triple Square drivers in standard length.



Item Number	Size	Dimensions (Inches)				
		A	B	C	D	E
<b>1105S</b>	<b>M5</b>	.75	.17	1.23	.34	1.98
<b>1106S</b>	<b>M6</b>	.75	.22	1.23	.36	1.98
<b>1108S</b>	<b>M8</b>	.75	.27	1.23	.50	1.98
<b>1110S</b>	<b>M10</b>	.75	.36	1.23	.50	1.98
<b>1112S</b>	<b>M12</b>	.75	.43	1.23	.61	1.98
<b>1114S</b>	<b>M14</b>	.75	.50	1.23	.61	1.98
<b>1116S</b>	<b>M16</b>	.75	.59	1.23	.73	1.98

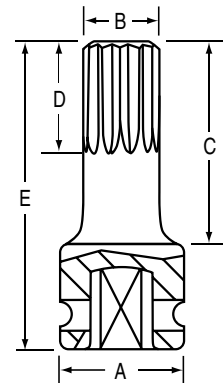
## 3/8" Drive - 4" Length - Triple Square Drivers

One piece Triple Square drivers in 4" extended length for special applications.



4" Length

Item Number	Size	Dimensions (Inches)				
		A	B	C	D	E
<b>11054S</b>	<b>M5</b>	.75	.17	1.23	.34	3.94
<b>11064S</b>	<b>M6</b>	.75	.22	3.23	.36	3.94
<b>11084S</b>	<b>M8</b>	.75	.27	3.23	.50	3.94
<b>11104S</b>	<b>M10</b>	.75	.36	3.23	.50	3.94
<b>11124S</b>	<b>M12</b>	.75	.43	3.23	.61	3.94
<b>11144S</b>	<b>M14</b>	.75	.50	3.23	.61	3.94
<b>11164S</b>	<b>M16</b>	.75	.59	3.23	.73	3.94





# 3/8" Drive Tamper-Proof Triple Square Impact Drivers



## 3/8" Drive Tamper-Proof Triple Square Drivers

Tamper-Proof

One piece Tamper-Proof Triple Square drivers in standard length.



Item Number	Size	Dimensions (Inches)				
		A	B	C	D	E
<b>1105ST</b>	<b>M5</b>	.75	.17	1.23	.34	1.98
<b>1106ST</b>	<b>M6</b>	.75	.22	1.23	.36	1.98
<b>1108ST</b>	<b>M8</b>	.75	.27	1.23	.50	1.98
<b>1110ST</b>	<b>M10</b>	.75	.36	1.23	.50	1.98
<b>1112ST</b>	<b>M12</b>	.75	.43	1.23	.61	1.98
<b>1114ST</b>	<b>M14</b>	.75	.50	1.23	.61	1.98
<b>1116ST</b>	<b>M16</b>	.75	.59	1.23	.73	1.98

## 3/8" Drive - 4" Length - Tamper-Proof Triple Square Drivers

Tamper-Proof

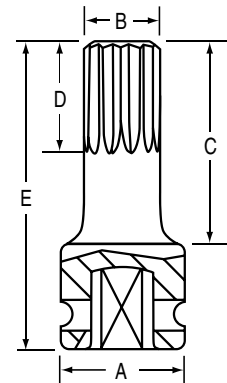
One piece Tamper-Proof Triple Square drivers in 4" extended length for special applications.



4" Length

Item Number	Size	Dimensions (Inches)				
		A	B	C	D	E
<b>11054ST</b>	<b>M5</b>	.75	.17	3.23	.34	3.94
<b>11064ST</b>	<b>M6</b>	.75	.22	3.23	.36	3.94
<b>11084ST</b>	<b>M8</b>	.75	.27	3.23	.50	3.94
<b>11104ST</b>	<b>M10</b>	.75	.36	3.23	.50	3.94
<b>11124ST</b>	<b>M12</b>	.75	.43	3.23	.61	3.94
<b>11144ST</b>	<b>M14</b>	.75	.50	3.23	.61	3.94
<b>11164ST</b>	<b>M16</b>	.75	.59	3.23	.73	3.94

Triple Square





# 1/2" Drive Triple Square Impact Driver Sets



## No. 1307S 1/2" Drive Triple Square Driver Set



### 7 piece set contents:

2105S .....	M5	2112S .....	M12
2106S .....	M6	2114S .....	M14
2108S .....	M8	2116S .....	M16
2110S .....	M10		on a Metal Clip Rail

## No. 1347S 1/2" Drive - 4" Length - Triple Square Driver Set



**4" Length**

### 7 piece set contents:

21054S .....	M5	21124S .....	M12
21064S .....	M6	21144S .....	M14
21084S .....	M8	21164S .....	M16
21104S .....	M10		on a Metal Clip Rail

## No. 1307ST 1/2" Drive Tamper-Proof Triple Square Driver Set

**Tamper-Proof**



### 7 piece set contents:

2105ST .....	M5	2112ST .....	M12
2106ST .....	M6	2114ST .....	M14
2108ST .....	M8	2116ST .....	M16
2110ST .....	M10		on a Metal Clip Rail

## No. 1347ST 1/2" Drive - 4" Length - Tamper-Proof Triple Square Driver Set

**Tamper-Proof**



**4" Length**

### 7 piece set contents:

21054ST .....	M5	21124ST .....	M12
21064ST .....	M6	21144ST .....	M14
21084ST .....	M8	21164ST .....	M16
21104ST .....	M10		on a Metal Clip Rail



# 1/2" Drive Triple Square Impact Drivers



## 1/2" Drive Triple Square Drivers

One piece Triple Square drivers in standard length.



Item Number	Size	Dimensions (Inches)				
		A	B	C	D	E
<b>2105S</b>	<b>M5</b>	.98	.17	1.22	.37	2.17
<b>2106S</b>	<b>M6</b>	.98	.22	1.22	.40	2.17
<b>2108S</b>	<b>M8</b>	.98	.27	1.22	.47	2.17
<b>2110S</b>	<b>M10</b>	.98	.36	1.22	.52	2.17
<b>2112S</b>	<b>M12</b>	.98	.43	1.22	.64	2.17
<b>2114S</b>	<b>M14</b>	.98	.50	1.22	.64	2.17
<b>2116S</b>	<b>M16</b>	.98	.59	1.22	.73	2.17

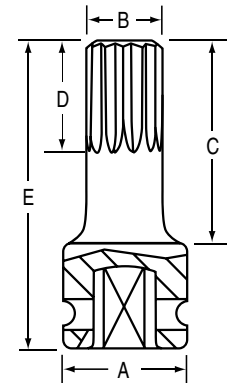
## 1/2" Drive - 4" Length - Triple Square Drivers

One piece Triple Square drivers in 4" extended length for special applications.



4" Length

Item Number	Size	Dimensions (Inches)				
		A	B	C	D	E
<b>21054S</b>	<b>M5</b>	.98	.17	2.96	.37	3.94
<b>21064S</b>	<b>M6</b>	.98	.22	2.96	.40	3.94
<b>21084S</b>	<b>M8</b>	.98	.27	2.96	.47	3.94
<b>21104S</b>	<b>M10</b>	.98	.36	2.96	.52	3.94
<b>21124S</b>	<b>M12</b>	.98	.43	2.96	.64	3.94
<b>21144S</b>	<b>M14</b>	.98	.50	2.96	.64	3.94
<b>21164S</b>	<b>M16</b>	.98	.59	2.96	.73	3.94



Triple Square





# 1/2" Drive Tamper-Proof Triple Square Impact Drivers



## 1/2" Drive Tamper-Proof Triple Square Drivers

Tamper-Proof

One piece Tamper-Proof Triple Square drivers in standard length.



Item Number	Size	Dimensions (Inches)				
		A	B	C	D	E
<b>2105ST</b>	<b>M5</b>	.98	.17	1.22	.37	2.17
<b>2106ST</b>	<b>M6</b>	.98	.22	1.22	.40	2.17
<b>2108ST</b>	<b>M8</b>	.98	.27	1.22	.47	2.17
<b>2110ST</b>	<b>M10</b>	.98	.36	1.22	.52	2.17
<b>2112ST</b>	<b>M12</b>	.98	.43	1.22	.64	2.17
<b>2114ST</b>	<b>M14</b>	.98	.50	1.22	.64	2.17
<b>2116ST</b>	<b>M16</b>	.98	.59	1.22	.73	2.17

## 1/2" Drive - 4" Length - Tamper-Proof Triple Square Drivers

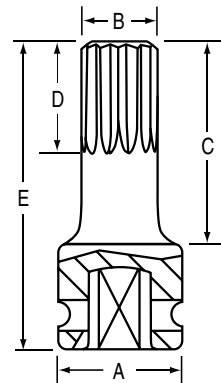
Tamper-Proof

One piece Tamper-Proof Triple Square drivers in 4" extended length for special applications.



4" Length

Item Number	Size	Dimensions (Inches)				
		A	B	C	D	E
<b>21054ST</b>	<b>M5</b>	.98	.17	2.96	.37	3.94
<b>21064ST</b>	<b>M6</b>	.98	.22	2.96	.40	3.94
<b>21084ST</b>	<b>M8</b>	.98	.27	2.96	.47	3.94
<b>21104ST</b>	<b>M10</b>	.98	.36	2.96	.52	3.94
<b>21124ST</b>	<b>M12</b>	.98	.43	2.96	.64	3.94
<b>21144ST</b>	<b>M14</b>	.98	.50	2.96	.64	3.94
<b>21164ST</b>	<b>M16</b>	.98	.59	2.96	.73	3.94



Triple Square





# 1/2" Drive Torque Limiting Impact Sockets



Always follow manufacturer's recommended torque specifications when using these products.

## 6 No. 28200 1/2" Drive Torque Limiting Socket Set SAE MM



This set contains the most popular items to service the majority of passenger and light trucks. The molded case can be wall mounted for ease of use.

### 10 piece set contents:

Item Number	Hex Size	Torque ft./lbs.	Color
28202	17mm	55	Green
28206	17mm	80	Red
28210	19mm-3/4"	65	Yellow
28214	19mm-3/4"	80	Blue
28218	19mm-3/4"	100	Gray
28222	13/16"	100	Brown
28230	21mm	80	Lt. Brown
28242	22mm-7/8"	120	White
28246	22mm-7/8"	140	Turquoise
28250	24mm-15/16"	140	Lt. Green
TSINS	Instruction Sheet		
	Molded Storage Case (wall mountable)		

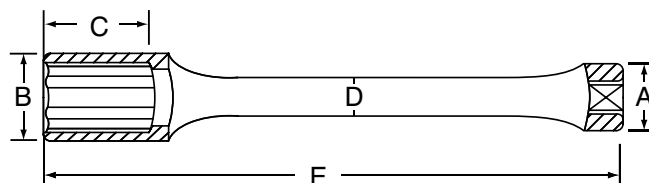
## 6 1/2" Drive TORK-SOCKETS SAE MM

Each socket is individually packaged in a heavy duty blister pack for ease of display and storage.



Item Number	Hex Size	Torque ft./lbs.	Torque Nm	Color	Dimensions (Inches)				
					A	B	C	D	E
<b>28202*</b>	<b>17mm</b>	55	75	Green	1.07	1.06	1.09	.32	8.69
<b>28206*</b>	<b>17mm</b>	80	110	Red	1.07	1.06	1.09	.43	8.69
<b>28210*</b>	<b>19mm-3/4"</b>	65	90	Yellow	1.07	1.14	1.09	.39	8.69
<b>28214*</b>	<b>19mm-3/4"</b>	80	110	Blue	1.07	1.17	1.09	.43	8.69
<b>28218*</b>	<b>19mm-3/4"</b>	100	135	Gray	1.07	1.23	1.09	.48	8.69
<b>28222*</b>	<b>13/16"</b>	100	135	Brown	1.07	1.23	1.09	.48	8.69
<b>28226</b>	<b>21mm</b>	60	80	Black	1.07	1.23	1.09	.32	8.69
<b>28230*</b>	<b>21mm</b>	80	110	Lt. Brown	1.07	1.23	1.09	.43	8.69
<b>28234</b>	<b>21mm</b>	150	200	Charcoal	1.07	1.23	1.78	.60	8.69
<b>28236</b>	<b>21mm</b>	160	217	Lt. Purple	1.07	1.23	1.78	.62	8.69
<b>28238</b>	<b>22mm-7/8"</b>	100	135	Lt. Blue	1.07	1.31	1.20	.48	8.69
<b>28242*</b>	<b>22mm-7/8"</b>	120	160	White	1.07	1.31	1.78	.53	8.69
<b>28246*</b>	<b>22mm-7/8"</b>	140	190	Turquoise	1.07	1.31	1.78	.58	8.69
<b>28250*</b>	<b>24mm-15/16"</b>	140	190	Lt. Green	1.07	1.37	1.78	.58	8.69
<b>28254</b>	<b>1"</b>	140	190	Purple	1.07	1.53	2.10	.58	8.69
<b>28258</b>	<b>1-1/16"</b>	140	190	Tan	1.07	1.66	2.10	.58	8.69

\* Included in set number 28200



Torque Limiting



# 1/2" Drive Torque Limiting Impact Extensions



Always follow manufacturer's recommended torque specifications when using these products.

## No. 2805TK 1/2" Drive Torque Limiting Extension Set



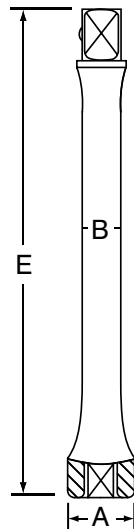
Provides the ability to torque wheel nuts on passenger cars and light trucks to the correct torque. Designed for use with our thin wall impact sockets. Available in a set or individually.

5 piece set contents:

Item Number	Torque ft./lbs.	Color
28065	65	Yellow
28080	80	Blue
28100	100	Gray
28120	120	White
28140	140	Aqua



## 1/2" Drive Individual Torque Limiting Extensions



Item Number	Torque ft./lbs	Color	Dimensions (Inches)		
			A	B	E
<b>28065</b>	65	Yellow	1.07	.36	7.63
<b>28080</b>	80	Blue	1.07	.43	7.63
<b>28100</b>	100	Gray	1.07	.48	7.63
<b>28120</b>	120	White	1.07	.54	7.63
<b>28140</b>	140	Aqua	1.07	.60	7.63

Torque Limiting



# 1" Drive Torque Limiting Impact Sockets



Always follow manufacturer's recommended torque specifications when using these products.

## 6 No. 44000 1" Drive Torque Limiting Socket Set SAE MM

This set contains the most popular items to service the majority of HD Trucks.



4 piece set contents:

Item Number	Hex Size	Torque ft./lbs	Torque Nm	Color
44033	33mm	475	650	Brown
44040	1-1/4"	250	350	Red
44048	1-1/2"	475	650	Black
44313	13/16" Square	475	650	Yellow

Molded Storage Case

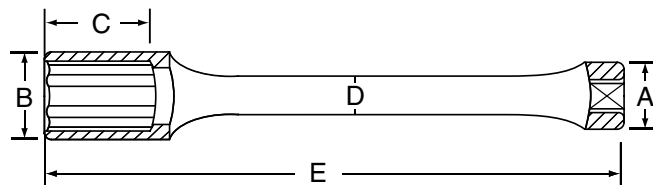
## 6 1" Drive Individual TORK-SOCKETS HD SAE MM

Each socket is individually packaged in a heavy duty blister pack for ease of display and storage.



Item Number	Hex Size	Torque ft./lbs	Torque Nm	Color	Dimensions (Inches)				
					A	B	C	D	E
<b>44033</b>	<b>33mm</b>	475	650	Brown	2.13	2.13	1.55	.90	12.00
<b>44040</b>	<b>1-1/4"</b>	250	350	Red	2.13	2.09	1.55	.71	12.00
<b>44048</b>	<b>1-1/2"</b>	475	650	Black	2.13	2.38	1.55	.90	12.00
<b>44313</b>	<b>13/16" Square</b>	475	650	Yellow	2.13	1.59	1.43	.90	12.00

Torque Limiting





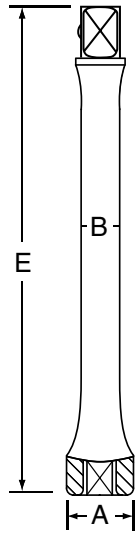
# 3/4" & 1" Drive Torque Limiting Extensions



Always follow manufacturer's recommended torque specifications when using these products.

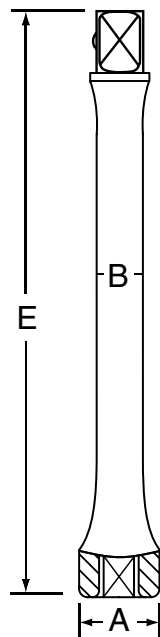
Provides the ability to torque inner and outer cap nuts and flange nuts on heavy duty trucks using an impact wrench and our standard or heavy duty impact sockets.

## 3/4" Drive Torque Limiting Extensions



Item Number	Torque ft./lbs.	Color	Dimensions (Inches)		
			A	B	E
<b>33250</b>	<b>250</b>	Red	1.60	.937	10.25
<b>33475</b>	<b>475</b>	Yellow	1.60	.943	10.25

## 1" Drive Torque Limiting Extensions



Item Number	Torque ft./lbs.	Color	Dimensions (Inches)		
			A	B	E
<b>44250</b>	<b>250</b>	Red	2.00	.937	11.00
<b>44475</b>	<b>475</b>	Yellow	2.00	.943	11.00

Torque Limiting



**No. 103RA Reducing Adapter Set - Sleeve Type - Low Profile**

These adapters reduce larger drive sizes down for use on smaller drive tools. The low profile design allows for use in a wide range of applications. A magnetic retention device keeps the adapter attached to the socket. Adapters can be stacked if additional drive reduction is needed. Designed for impact or hand tool use.



**3 piece set contents:**

1 ea: 938RA, 1138RA and 2238RA

Three piece set is conveniently packaged in a blister pack.

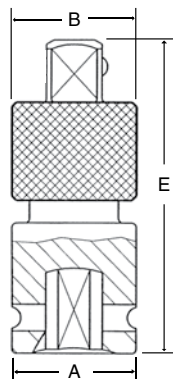
**Individual Reducing Adapters - Sleeve Type - Low Profile**



Item Number	Female End Size	Male End Size
<b>938RA</b>	1/4"	3/8"
<b>912RA</b>	1/4"	1/2"
<b>1138RA</b>	3/8"	1/2"
<b>2238RA</b>	1/2"	3/4"
<b>3009RA</b>	3/4"	1"
<b>4009RA</b>	1"	1-1/2"
<b>6009RA</b>	1-1/2"	2-1/2"

**Impact Wrench Quick Change Adapters**

These adapters provide a "quick change" mechanism by the use of a sliding collar and positive retention ball for fast change of a socket on the end of the tool anvil. Works with Impact tool anvils that have a clip retention device or pin hole. A pin hole type anvil and use of a pin and retaining o-ring recommended to secure this adapter to the anvil.



Item Number	Description	Dimensions (Inches)		
		A	B	E
<b>930QC</b>	<b>1/4" Drive Quick Change Adapter</b>	.51	.53	1.38
<b>1130QC</b>	<b>3/8" Drive Quick Change Adapter</b>	.79	.81	1.82
<b>2230QC</b>	<b>1/2" Drive Quick Change Adapter</b>	.98	1.00	2.38
<b>3030QC</b>	<b>3/4" Drive Quick Change Adapter</b>	1.74	1.76	3.18
<b>4030QC</b>	<b>1" Drive Quick Change Adapter</b>	2.13	2.15	3.95

Specials



## 1/4" Hex to Square Drive Drill Chuck Adapters



These adapters allow the use of GP Impact Sockets on a standard drill chuck and are especially useful with our magnetic sockets. They are made from the same high quality steel as our Impact Sockets for extra durability and long life.

Item Number	Hex Size	Square Drive	Length
<b>1414HA</b>	1/4"	1/4"	2"
<b>1438HA</b>	1/4"	3/8"	2"
<b>1412HA</b>	1/4"	1/2"	2"

All adapters feature a spring loaded friction ball retainer and are packaged in hanging blister packs for easy display.

## No. 20265B 1/2" Drive 13/16" 5-Point Utility Socket SAE



This socket is designed for use on tamper-proof buffalo covers used by water and gas utility companies.

Item Number	Size	Dimensions (Inches)	
		Dimension	Length
<b>20265B</b>	<b>13/16" 5-Point</b>	1.25"	2.00"

## Impact Socket Clip Rails

A variety of clip rails are available for "custom sizing" your impact socket sets.



Rails & Clips sold separately

Item Number	Drive Size	Rail Length
<b>RAILS</b>		
<b>CLR5</b>	-	5.250
<b>CLR7</b>	-	7.375
<b>CLR9</b>	-	9.250
<b>CLR11</b>	-	11.000
<b>CLR13</b>	-	13.500
<b>CLR14</b>	-	14.000

<b>CLIPS</b>		
<b>CL14</b>	1/4"	-
<b>CL38</b>	3/8"	-
<b>CL12</b>	1/2"	-
<b>CL34</b>	3/4"	-

# 1/2" Drive Damaged Nut Removers



These tools solve the problem of removing rounded, damaged or corroded hex nuts. Tapered left-handed threads grip straight nuts or tapered lug nuts. Also, for removing automobile wheel locks when the key is not available. Use with a 1/2" drive impact tool. Overall length: 1-1/2"

## No. 2300K 1/2" Drive Damaged Nut Remover Master Kit

All twelve (12) sizes of our Damaged Nut Remover Impact Sockets, listed individually below, packaged in a molded storage case.



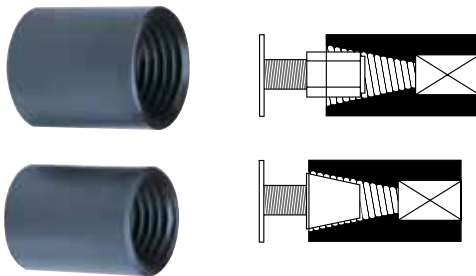
Sold under license of U.S. Patent No. 5,737,981

### 12 piece set contents:

2305NR..... #5	2311NR..... #11
2306NR..... #6	2312NR..... #12
2307NR..... #7	2313NR..... #13
2308NR..... #8	2314NR..... #14
2309NR..... #9	2316NR..... #16
2310NR..... #10	2318NR..... #18
	Molded Storage Case

## No. 2400K 1/2" Drive Wheel Lug Nut Remover Kit

A set of two of our most popular removers for rounded automobile wheel hex nuts from individual sizes listed above. Two sizes fit most passenger and light truck wheel lug nuts. They also fit many wheel locks.



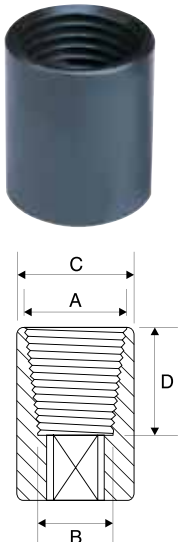
Sold under license of U.S. Patent No. 5,737,981

### 2 piece set contents:

2310NR..... #10 - 3/4" (19mm)
2313NR..... #13 - 13/16" (21mm)

## 1/2" Drive Damaged Nut Remover Individual Sockets

Sold under license of U.S. Patent No. 5,737,981



Item Number	Size	Dimensions Inches - (Millimeters)					Nut Size
		A	B	C	D		
<b>2305NR</b>	#5	.531 (13.5)	.492 (12.5)	.866	.669	1/2" (13)	
<b>2306NR</b>	#6	.610 (15.5)	.528 (13.4)	.945	.669	9/16" (14)	
<b>2307NR</b>	#7	.669 (17)	.591 (15)	.945	.669	5/8" (15 & 16)	
<b>2308NR</b>	#8	.728 (18.5)	.630 (16)	.984	.669	5/8" (16)	
<b>2309NR</b>	#9	.787 (20)	.598 (15.2)	1.024	.866	11/16" (17 & 18)	
<b>2310NR</b>	#10	.846 (21.5)	.657 (16.7)	1.122	.866	3/4" (19)	
<b>2311NR</b>	#11	.906 (23)	.689 (17.5)	1.181	.866	3/4" (19)	
<b>2312NR</b>	#12	.965 (24.5)	.748 (19)	1.220	.866	13/16" (21)	
<b>2313NR</b>	#13	1.02 (26)	.803 (20.4)	1.260	.866	13/16" (21)	
<b>2314NR</b>	#14	1.08 (27.5)	.870 (22.1)	1.339	.866	7/8" (22 & 23)	
<b>2316NR</b>	#16	1.16 (29.5)	.949 (24.1)	1.417	.866	15/16" & 1"	
<b>2318NR</b>	#18	1.24 (31.5)	1.028 (26.1)	1.496	.866	1" & 1-1/16" (27)	

Due to varied hex nut conditions, it may be necessary to use a remover that is one size larger or smaller than the suggested nut size.

Please Note: Nut Removers will wear out after limited use, therefore, they are not covered by GP Lifetime Warranty.



## No. 2411 1-1/2" Outer Budd Nut Remover Kit

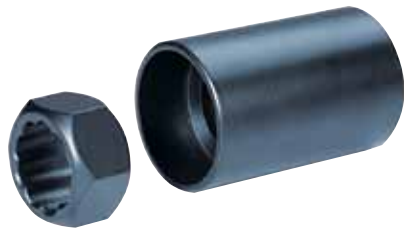


This tool removes damaged or rounded off outer cap nuts on budd wheels. Simply drive the tool over the nut and remove with an impact wrench or breaker bar. Replacement parts are also available separately.

### 3 piece set contents:

- 2421\* . . . . . 1-1/2" Drive-on Rib Socket
- 2414 . . . . . Drive-on Tool
- 2422 . . . . . Drive Pin

## No. 2412 Inner Cap Nut Removal Kit



This kit removes inner cap nuts on budd wheels when the square head of the nut has broken off. Simply drive the rib nut over the broken cap nut and remove with an impact wrench.

### 2 piece set contents:

- 2414 . . . . . Drive-on Tool
- 2415\* . . . . . 1-1/8" Rib Nut

## No. 2413 Inner Cap Nut & Wheel Stud Removal Kit



This kit removes inner cap nuts on budd wheels when the square head of the nut has broken off. Also included are rib nuts to remove 5/8" and 3/4" spoke wheel studs. Simply drive the rib nut over the broken cap nut or wheel stud and remove with an impact wrench.

### 4 piece set contents:

- 2414 . . . . . Drive-on Tool
- 2415\* . . . . . 1-1/8" Rib Nut
- 2416\* . . . . . .5/8" Rib Nut
- 2417\* . . . . . .3/4" Rib Nut

\* The teeth of the rib nuts will wear out after limited use, therefore, rib nuts are not covered under the GP Warranty.





## Replacement Parts For Cap Nut & Stud Removal Tools



2414

Item Number	Description	Application
<b>2414</b>	Drive-On Tool Only	Tool for Driving on all Rib Nuts



2415

Item Number	Description	Application
<b>2415*</b>	1-1/8" (13/16" Sq. Head) Rib Nut	For removing broken 13/16" Square Inner Cap Nuts



2416

Item Number	Description	Application
<b>2416*</b>	5/8" Rib Nut	For removing broken 5/8" Wheel Studs



2417

Item Number	Description	Application
<b>2417*</b>	3/4" Rib Nut	For removing broken 3/4" Wheel Studs



2422

Item Number	Description	Application
<b>2422</b>	Drive Pin	Removes Cap Nut from Rib Nut

\* The teeth of the rib nuts will wear out after limited use, therefore, rib nuts are not covered under the GP Warranty.



## 1 Piece Broken Cap Nut & Wheel Stud Removal Tools

One-Piece tools for the removal of broken/stripped inner cap nuts and spoke wheel studs. When hammered on, self tapping spines cut grooves down the stud for easy removal.



Item Number	Description	Application
<b>2515*</b>	1-1/8" Inner Cap Nut Removal Tool 2-3/4" Long	For removing 13/16" square Head Inner Cap Nuts
<b>2516*</b>	5/8" Wheel Stud Removal Tool	For removing 5/8" Broken Wheel Studs
<b>2517*</b>	3/4" Wheel Stud Removal Tool	For removing 3/4" square Broken Wheel Studs

\* The Teeth of these tools will wear out after limited use, therefore, they are not covered under the GP Warranty.

## Stud Setter for Installing Spoke Wheel Studs

Special tool for installing studs on cast spoke wheels. Used with 1-1/4" hex socket.



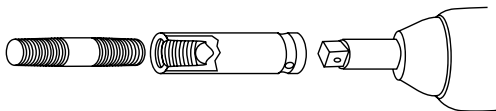
Item Number	Description	Application
<b>2617</b>	3/4" Stud Installer	For installing 3/4"-10 Wheel Studs

## 1/2" & 3/4" Drive Stud Setter Impact Sockets

Our special impact sockets for installing wheel studs. Same Function as No. 2617 above, except, there is no need to use a socket to drive the tool. The 3/4" size is also available in 3/4" drive.



Item Number	Drive Size	Description	Application
<b>2619</b>	1/2"	3/4" Stud Setter Impact Socket	For installing 3/4"-10 Wheel Studs
<b>2621</b>	3/4"	3/4" Stud Setter Impact Socket	For installing 3/4"-10 Wheel Studs





All items on this page are covered by a one year limited warranty.

## Tread Depth Gauges



Accurate, high quality tread depth gauges calibrated in inches (1/32") or in inches and metric. Easy to read. 1" nylon base. Nylon & metal construction.

Item Number	Description
<b>1624</b>	Fractional Tread Depth Gauge
<b>1625M</b>	Fractional & Metric T.D. Gauge

## Large Grip Core Remover - Standard / L.B.



Core installation and removal tool. One end fits standard bore cores, the other end fits large bore.

Item Number	Description
<b>1685</b>	Large Grip Core Remover - Std./ L.B.

## Standard Bore Large Grip Core Remover



Standard bore core installation and removal tool. Large, easy to use molded grip for convenient installation and removal of standard bore valve cores.

Item Number	Description
<b>1687</b>	Large Grip Core Remover

## Nylon Valve Stem Installation Tool



Nylon model protects custom wheels from damage.

Item Number	Description
<b>1638C</b>	Nylon Valve Stem Installation Tool

## Standard Wheel Weight Tool



An economical wheel weight tool for regular (uncoated) wheel weights. Installs, removes and trims clip-on wheel weights. Overall length: 9"

Item Number	Description
<b>1470R</b>	Wheel Weight Tool

## Coated Wheel Weight Tool



This tool features a protective material on the tip and replaceable "soft head" to protect the wheel and weight from damage. In addition, we made this tool longer with a wider opening between grips. Overall length: 10"

Item Number	Description
<b>1471C</b>	Coated Wheel Weight Tool
<b>1472RH</b>	Replacement "Soft Head"





# 3/8" Drive Fractional & Metric Impact Socket Displays



## 6 No. D162 3/8" Drive 6-Point Fractional & Metric Display SAE MM



Dimensions:  
 Wall Mount: 24" W x 48-1/2" H x 8" D  
 Free Standing: 24" W x 55-1/4" H x 15-1/2" D  
 Weight: 61.0 lbs.

### 124 Piece Display Contents:

#### Attachments:

- 2- 1128A... 3/8" F. x 1/4" M. Adapter
- 2- 1129UJ... 3/8" x 3/8" Universal Joint
- 2- 1138A... 3/8" F. x 1/2" M. Adapter
- 2- 1140E... 1-3/4" Extension
- 2- 1143E... .3" Extension
- 2- 1146E... .6" Extension

#### 3/8" Drive Fractional Sizes:

- 2- 1010R ..... 5/16"
- 2- 1012R ..... 3/8"
- 2- 1014R ..... 7/16"
- 2- 1016R ..... 1/2"
- 2- 1018R ..... 9/16"
- 2- 1020R ..... 5/8"
- 2- 1022R ..... 11/16"
- 2- 1024R ..... 3/4"
- 2- 1026R ..... 13/16"
- 2- 1028R ..... 7/8"
- 2- 1030R ..... 15/16"
- 2- 1032R ..... 1"

#### 3/8" Drive Deep Fractional Sizes:

- 2- 1010D ..... 5/16"
- 2- 1012D ..... 3/8"
- 2- 1014D ..... 7/16"
- 2- 1016D ..... 1/2"
- 2- 1018D ..... 9/16"
- 2- 1020D ..... 5/8"
- 2- 1022D ..... 11/16"
- 2- 1024D ..... 3/4"
- 2- 1026D ..... 13/16"
- 2- 1028D ..... 7/8"
- 2- 1030D ..... 15/16"
- 2- 1032D ..... 1"

#### 3/8" Drive Metric Sizes:

- 2- 1007M ..... 7mm
- 2- 1008M ..... 8mm
- 2- 1009M ..... 9mm
- 2- 1010M ..... 10mm
- 2- 1011M ..... 11mm
- 2- 1012M ..... 12mm
- 2- 1013M ..... 13mm
- 2- 1014M ..... 14mm
- 2- 1015M ..... 15mm
- 2- 1016M ..... 16mm
- 2- 1017M ..... 17mm
- 2- 1018M ..... 18mm
- 2- 1019M ..... 19mm
- 2- 1020M ..... 20mm
- 2- 1021M ..... 21mm
- 2- 1022M ..... 22mm

#### 3/8" Drive Deep Metric Sizes:

- 2- 1007MD ..... 7mm
- 2- 1008MD ..... 8mm
- 2- 1009MD ..... 9mm
- 2- 1010MD ..... 10mm
- 2- 1011MD ..... 11mm
- 2- 1012MD ..... 12mm
- 2- 1013MD ..... 13mm
- 2- 1014MD ..... 14mm
- 2- 1015MD ..... 15mm
- 2- 1016MD ..... 16mm
- 2- 1017MD ..... 17mm
- 2- 1018MD ..... 18mm
- 2- 1019MD ..... 19mm
- 2- 1020MD ..... 20mm
- 2- 1021MD ..... 21mm
- 2- 1022MD ..... 22mm

## 12 No. D156-12 3/8" Drive 12-Point Fractional & Metric Display SAE MM



### 112 Piece Display Contents:

#### 3/8" Drive Fractional Sizes:

- 2- 1110R ..... 5/16"
- 2- 1112R ..... 3/8"
- 2- 1114R ..... 7/16"
- 2- 1116R ..... 1/2"
- 2- 1118R ..... 9/16"
- 2- 1120R ..... 5/8"
- 2- 1122R ..... 11/16"
- 2- 1124R ..... 3/4"
- 2- 1126R ..... 13/16"
- 2- 1128R ..... 7/8"
- 2- 1130R ..... 15/16"
- 2- 1132R ..... 1"

#### 3/8" Drive Deep Fractional Sizes:

- 2- 1110D ..... 5/16"
- 2- 1102D ..... 3/8"
- 2- 1114D ..... 7/16"
- 2- 1116D ..... 1/2"
- 2- 1118D ..... 9/16"
- 2- 1120D ..... 5/8"
- 2- 1122D ..... 11/16"
- 2- 1124D ..... 3/4"
- 2- 1126D ..... 13/16"
- 2- 1128D ..... 7/8"
- 2- 1130D ..... 15/16"
- 2- 1132D ..... 1"

Dimensions:  
 Wall Mount: 24" W x 48-1/2" H x 8" D  
 Free Standing: 24" W x 55-1/4" H x 15-1/2" D  
 Weight: 59.0 lbs.

#### 3/8" Drive Metric Sizes:

- 2- 1107M ..... 7mm
- 2- 1108M ..... 8mm
- 2- 1109M ..... 9mm
- 2- 1110M ..... 10mm
- 2- 1111M ..... 11mm
- 2- 1112M ..... 12mm
- 2- 1113M ..... 13mm
- 2- 1114M ..... 14mm
- 2- 1115M ..... 15mm
- 2- 1116M ..... 16mm
- 2- 1117M ..... 17mm
- 2- 1118M ..... 18mm
- 2- 1119M ..... 19mm
- 2- 1120M ..... 20mm
- 2- 1121M ..... 21mm
- 2- 1122M ..... 22mm

#### 3/8" Drive Deep Metric Sizes:

- 2- 1107MD ..... 7mm
- 2- 1108MD ..... 8mm
- 2- 1109MD ..... 9mm
- 2- 1110MD ..... 10mm
- 2- 1111MD ..... 11mm
- 2- 1112MD ..... 12mm
- 2- 1113MD ..... 13mm
- 2- 1114MD ..... 14mm
- 2- 1115MD ..... 15mm
- 2- 1116MD ..... 16mm
- 2- 1117MD ..... 17mm
- 2- 1118MD ..... 18mm
- 2- 1119MD ..... 19mm
- 2- 1120MD ..... 20mm
- 2- 1121MD ..... 21mm
- 2- 1122MD ..... 22mm



# 1/2" Drive Fractional & Metric Impact Socket Displays



6

No. D298

1/2" Drive 6-Point Fractional & Metric Display



## 104 Piece Display Contents:

### Attachments:

- 2- 2228A ..... 1/2" F.x 3/8" M. Adapter
- 2- 2229UJ ..... 1/2" Universal Joint
- 2- 2238A ..... 1/2" F.x 3/4" M. Adapter
- 2- 2243E ..... .3" Extension
- 2- 2245E ..... .5" Extension
- 2- 2247E ..... .7" Extension

### 1/2" Drive Fractional Sizes:

- 1- 2010R ..... .5/16"
- 1- 2012R ..... .3/8"
- 1- 2014R ..... .7/16"
- 1- 2016R ..... 1/2"
- 1- 2018R ..... .9/16"
- 1- 2020R ..... 5/8"
- 1- 2022R ..... 11/16"
- 1- 2024R ..... 3/4"
- 1- 2026R ..... 13/16"
- 1- 2028R ..... 7/8"
- 1- 2030R ..... 15/16"
- 1- 2032R ..... 1"
- 1- 2034R ..... 1-1/16"
- 1- 2036R ..... 1-1/8"
- 1- 2038R ..... 1-3/16"
- 1- 2040R ..... 1-1/4"
- 1- 2042R ..... 1-5/16"
- 1- 2044R ..... 1-3/8"
- 1- 2046R ..... 1-7/16"
- 1- 2048R ..... 1-1/2"

### 1/2" Drive Deep Fractional Sizes:

- 1- 2010D ..... .5/16"
- 1- 2012D ..... .3/8"
- 1- 2014D ..... .7/16"
- 1- 2016D ..... 1/2"
- 1- 2018D ..... .9/16"
- 1- 2020D ..... 5/8"
- 1- 2022D ..... 11/16"
- 1- 2024D ..... 3/4"
- 1- 2026D ..... 13/16"
- 1- 2028D ..... 7/8"
- 1- 2030D ..... 15/16"
- 1- 2032D ..... 1"
- 1- 2034D ..... 1-1/16"
- 1- 2036D ..... 1-1/8"
- 1- 2038D ..... 1-3/16"
- 1- 2040D ..... 1-1/4"
- 1- 2042D ..... 1-5/16"
- 1- 2044D ..... 1-3/8"
- 1- 2046D ..... 1-7/16"
- 1- 2048D ..... 1-1/2"

### Dimensions:

Wall Mount: 24" W x 48-1/2" H x 8" D

Free Standing: 24" W x 55-1/4" H x 15-1/2" D

Weight: 103.0 lbs.

### 1/2" Drive Metric Sizes:

- 1- 2010M ..... 10mm
- 1- 2011M ..... 11mm
- 1- 2012M ..... 12mm
- 1- 2013M ..... 13mm
- 1- 2014M ..... 14mm
- 1- 2015M ..... 15mm
- 1- 2016M ..... 16mm
- 1- 2017M ..... 17mm
- 1- 2018M ..... 18mm
- 1- 2019M ..... 19mm
- 1- 2020M ..... 20mm
- 1- 2021M ..... 21mm
- 1- 2022M ..... 22mm
- 1- 2023M ..... 23mm
- 1- 2024M ..... 24mm
- 1- 2025M ..... 25mm
- 1- 2026M ..... 26mm
- 1- 2027M ..... 27mm
- 1- 2028M ..... 28mm
- 1- 2029M ..... 29mm
- 1- 2030M ..... 30mm
- 1- 2032M ..... 32mm
- 1- 2033M ..... 33mm
- 1- 2034M ..... 34mm
- 1- 2035M ..... 35mm
- 1- 2036M ..... 36mm

### 1/2" Drive Deep Metric Sizes:

- 1- 2010MD ..... 10mm
- 1- 2011MD ..... 11mm
- 1- 2012MD ..... 12mm
- 1- 2013MD ..... 13mm
- 1- 2014MD ..... 14mm
- 1- 2015MD ..... 15mm
- 1- 2016MD ..... 16mm
- 1- 2017MD ..... 17mm
- 1- 2018MD ..... 18mm
- 1- 2019MD ..... 19mm
- 1- 2020MD ..... 20mm
- 1- 2021MD ..... 21mm
- 1- 2022MD ..... 22mm
- 1- 2023MD ..... 23mm
- 1- 2024MD ..... 24mm
- 1- 2025MD ..... 25mm
- 1- 2026MD ..... 26mm
- 1- 2027MD ..... 27mm
- 1- 2028MD ..... 28mm
- 1- 2029MD ..... 29mm
- 1- 2030MD ..... 30mm
- 1- 2032MD ..... 32mm
- 1- 2033MD ..... 33mm
- 1- 2034MD ..... 34mm
- 1- 2035MD ..... 35mm
- 1- 2036MD ..... 36mm

12

No. D290-12

1/2" Drive 12-Point Fractional & Metric Display



## 90 Piece Display Contents:

### 1/2" Drive Fractional Sizes:

- 1- 2112R ..... .3/8"
- 1- 2114R ..... .7/16"
- 1- 2116R ..... 1/2"
- 1- 2118R ..... .9/16"
- 1- 2120R ..... .5/8"
- 1- 2122R ..... 11/16"
- 1- 2124R ..... 3/4"
- 1- 2126R ..... 13/16"
- 1- 2128R ..... 7/8"
- 1- 2130R ..... 15/16"
- 1- 2132R ..... 1"
- 1- 2134R ..... 1-1/16"
- 1- 2136R ..... 1-1/8"
- 1- 2138R ..... 1-3/16"
- 1- 2140R ..... 1-1/4"
- 1- 2142R ..... 1-5/16"
- 1- 2144R ..... 1-3/8"
- 1- 2146R ..... 1-7/16"
- 1- 2148R ..... 1-1/2"

### 1/2" Drive Deep Fractional Sizes:

- 1- 2112D ..... .3/8"
- 1- 2114D ..... .7/16"
- 1- 2116D ..... 1/2"
- 1- 2118D ..... .9/16"
- 1- 2120D ..... .5/8"
- 1- 2122D ..... 11/16"
- 1- 2124D ..... 3/4"
- 1- 2126D ..... 13/16"
- 1- 2128D ..... 7/8"
- 1- 2130D ..... 15/16"
- 1- 2132D ..... 1"
- 1- 2134D ..... 1-1/16"
- 1- 2136D ..... 1-1/8"
- 1- 2138D ..... 1-3/16"
- 1- 2140D ..... 1-1/4"
- 1- 2142D ..... 1-5/16"
- 1- 2144D ..... 1-3/8"
- 1- 2146D ..... 1-7/16"
- 1- 2148D ..... 1-1/2"

### Dimensions:

Wall Mount: 24" W x 48-1/2" H x 8" D

Free Standing: 24" W x 55-1/4" H x 15-1/2" D

Weight: 93.0 lbs.

### 1/2" Drive Metric Sizes:

- 1- 2110M ..... 10mm
- 1- 2111M ..... 11mm
- 1- 2112M ..... 12mm
- 1- 2113M ..... 13mm
- 1- 2114M ..... 14mm
- 1- 2115M ..... 15mm
- 1- 2116M ..... 16mm
- 1- 2117M ..... 17mm
- 1- 2118M ..... 18mm
- 1- 2119M ..... 19mm
- 1- 2120M ..... 20mm
- 1- 2121M ..... 21mm
- 1- 2122M ..... 22mm
- 1- 2123M ..... 23mm
- 1- 2124M ..... 24mm
- 1- 2125M ..... 25mm
- 1- 2126M ..... 26mm
- 1- 2127M ..... 27mm
- 1- 2128M ..... 28mm
- 1- 2129M ..... 29mm
- 1- 2130M ..... 30mm
- 1- 2132M ..... 32mm
- 1- 2133M ..... 33mm
- 1- 2134M ..... 34mm
- 1- 2135M ..... 35mm
- 1- 2136M ..... 36mm

### 1/2" Drive Deep Metric Sizes:

- 1- 2110MD ..... 10mm
- 1- 2111MD ..... 11mm
- 1- 2112MD ..... 12mm
- 1- 2113MD ..... 13mm
- 1- 2114MD ..... 14mm
- 1- 2115MD ..... 15mm
- 1- 2116MD ..... 16mm
- 1- 2117MD ..... 17mm
- 1- 2118MD ..... 18mm
- 1- 2119MD ..... 19mm
- 1- 2120MD ..... 20mm
- 1- 2121MD ..... 21mm
- 1- 2122MD ..... 22mm
- 1- 2123MD ..... 23mm
- 1- 2124MD ..... 24mm
- 1- 2125MD ..... 25mm
- 1- 2126MD ..... 26mm
- 1- 2127MD ..... 27mm
- 1- 2128MD ..... 28mm
- 1- 2129MD ..... 29mm
- 1- 2130MD ..... 30mm
- 1- 2132MD ..... 32mm
- 1- 2133MD ..... 33mm
- 1- 2134MD ..... 34mm
- 1- 2135MD ..... 35mm
- 1- 2136MD ..... 36mm





# 3/4" Drive 6-Point Impact Socket Displays



**6** No. D354 3/4" Drive 6-Point Fractional Display **SAE**



### 54 Piece Display Contents:

#### Attachments:

- 1- **3007E** ..... 7" Extension
- 1- **3008A** ..... 3/4" F. x 1/2" M. Adapter
- 1- **3009A** ..... 3/4" F. x 1" M. Adapter
- 1- **3009AB** ..... 3/4" F. x 1" M. Adapter w/ Steel Ball

#### 3/4" Drive Fractional Sizes:

- 1- **3016R** ..... 1/2"
- 1- **3018R** ..... 9/16"
- 1- **3020R** ..... 5/8"
- 1- **3022R** ..... 11/16"
- 1- **3024R** ..... 3/4"
- 1- **3026R** ..... 13/16"
- 1- **3028R** ..... 7/8"
- 1- **3030R** ..... 15/16"
- 1- **3032R** ..... 1"
- 1- **3034R** ..... 1-1/16"
- 1- **3036R** ..... 1-1/8"
- 1- **3038R** ..... 1-3/16"
- 1- **3040R** ..... 1-1/4"
- 1- **3042R** ..... 1-5/16"
- 1- **3044R** ..... 1-3/8"
- 1- **3046R** ..... 1-7/16"
- 1- **3048R** ..... 1-1/2"
- 1- **3050R** ..... 1-9/16"
- 1- **3052R** ..... 1-5/8"
- 1- **3054R** ..... 1-11/16"
- 1- **3056R** ..... 1-3/4"
- 1- **3058R** ..... 1-13/16"
- 1- **3060R** ..... 1-7/8"
- 1- **3062R** ..... 1-15/16"
- 1- **3064R** ..... 2"

#### 3/4" Drive Deep Fractional Sizes:

- 1- **3016D** ..... 1/2"
- 1- **3018D** ..... 9/16"
- 1- **3020D** ..... 5/8"
- 1- **3022D** ..... 11/16"
- 1- **3024D** ..... 3/4"
- 1- **3026D** ..... 13/16"
- 1- **3028D** ..... 7/8"
- 1- **3030D** ..... 15/16"
- 1- **3032D** ..... 1"
- 1- **3034D** ..... 1-1/16"
- 1- **3036D** ..... 1-1/8"
- 1- **3038D** ..... 1-3/16"
- 1- **3040D** ..... 1-1/4"
- 1- **3042D** ..... 1-5/16"
- 1- **3044D** ..... 1-3/8"
- 1- **3046D** ..... 1-7/16"
- 1- **3048D** ..... 1-1/2"
- 1- **3050D** ..... 1-9/16"
- 1- **3052D** ..... 1-5/8"
- 1- **3054D** ..... 1-11/16"
- 1- **3056D** ..... 1-3/4"
- 1- **3058D** ..... 1-13/16"
- 1- **3060D** ..... 1-7/8"
- 1- **3062D** ..... 1-15/16"
- 1- **3064D** ..... 2"

#### Dimensions:

- Wall Mount: 24" W x 48-1/2" H x 8" D
- Free Standing: 24" W x 55-1/4" H x 15-1/2" D
- Weight: 112.0 lbs.

**6** No. D352M 3/4" Drive 6-Point Metric Display **MM**



### 52 Piece Display Contents:

#### 3/4" Drive Metric Sizes:

- 1- **3019M** ..... 19mm
- 1- **3020M** ..... 20mm
- 1- **3021M** ..... 21mm
- 1- **3022M** ..... 22mm
- 1- **3023M** ..... 23mm
- 1- **3024M** ..... 24mm
- 1- **3025M** ..... 25mm
- 1- **3026M** ..... 26mm
- 1- **3027M** ..... 27mm
- 1- **3028M** ..... 28mm
- 1- **3029M** ..... 29mm
- 1- **3030M** ..... 30mm
- 1- **3031M** ..... 31mm
- 1- **3032M** ..... 32mm
- 1- **3033M** ..... 33mm
- 1- **3034M** ..... 34mm
- 1- **3035M** ..... 35mm
- 1- **3036M** ..... 36mm
- 1- **3038M** ..... 38mm
- 1- **3040M** ..... 40mm
- 1- **3041M** ..... 41mm
- 1- **3042M** ..... 42mm
- 1- **3043M** ..... 43mm
- 1- **3044M** ..... 44mm
- 1- **3046M** ..... 46mm
- 1- **3050M** ..... 50mm

#### 3/4" Drive Deep Metric Sizes:

- 1- **3019MD** ..... 19mm
- 1- **3020MD** ..... 20mm
- 1- **3021MD** ..... 21mm
- 1- **3022MD** ..... 22mm
- 1- **3023MD** ..... 23mm
- 1- **3024MD** ..... 24mm
- 1- **3025MD** ..... 25mm
- 1- **3026MD** ..... 26mm
- 1- **3027MD** ..... 27mm
- 1- **3028MD** ..... 28mm
- 1- **3029MD** ..... 29mm
- 1- **3030MD** ..... 30mm
- 1- **3031MD** ..... 31mm
- 1- **3032MD** ..... 32mm
- 1- **3033MD** ..... 33mm
- 1- **3034MD** ..... 34mm
- 1- **3035MD** ..... 35mm
- 1- **3036MD** ..... 36mm
- 1- **3038MD** ..... 38mm
- 1- **3040MD** ..... 40mm
- 1- **3041MD** ..... 41mm
- 1- **3042MD** ..... 42mm
- 1- **3043MD** ..... 43mm
- 1- **3044MD** ..... 44mm
- 1- **3046MD** ..... 46mm
- 1- **3050MD** ..... 50mm

#### Dimensions:

- Wall Mount: 24" W x 48-1/2" H x 8" D
- Free Standing: 24" W x 55-1/4" H x 15-1/2" D
- Weight: 111.0 lbs.





# 3/4" Drive 12-Point Impact Socket Displays



## 12 No. D342-12 3/4" Drive 12-Point Fractional Display SAE



### 42 Piece Display Contents:

#### 3/4" Drive Fractional Sizes:

1-3124R	3/4"
1-3126R	13/16"
1-3128R	7/8"
1-3130R	15/16"
1-3132R	1"
1-3134R	1-1/16"
1-3136R	1-1/8"
1-3138R	1-3/16"
1-3140R	1-1/4"
1-3142R	1-5/16"
1-3144R	1-3/8"
1-3146R	1-7/16"
1-3148R	1-1/2"
1-3150R	1-9/16"
1-3152R	1-5/8"
1-3154R	1-11/16"
1-3156R	1-3/4"
1-3158R	1-13/16"
1-3160R	1-7/8"
1-3162R	1-15/16"
1-3164R	2"

#### 3/4" Drive Deep Fractional Sizes:

1-3124D	3/4"
1-3126D	13/16"
1-3128D	7/8"
1-3130D	15/16"
1-3132D	1"
1-3134D	1-1/16"
1-3136D	1-1/8"
1-3138D	1-3/16"
1-3140D	1-1/4"
1-3142D	1-5/16"
1-3144D	1-3/8"
1-3146D	1-7/16"
1-3148D	1-1/2"
1-3150D	1-9/16"
1-3152D	1-5/8"
1-3154D	1-11/16"
1-3156D	1-3/4"
1-3158D	1-13/16"
1-3160D	1-7/8"
1-3162D	1-15/16"
1-3164D	2"

#### Dimensions:

Wall Mount: 24" W x 48-1/2" H x 8" D  
 Free Standing: 24" W x 55-1/4" H x 15-1/2" D  
 Weight: 108.0 lbs.

## 12 No. D352M-12 3/4" Drive 12-Point Metric Display MM



### 52 Piece Display Contents:

#### 3/4" Drive Metric Sizes:

1-3119M	19mm
1-3120M	20mm
1-3121M	21mm
1-3122M	22mm
1-3123M	23mm
1-3124M	24mm
1-3125M	25mm
1-3126M	26mm
1-3127M	27mm
1-3128M	28mm
1-3129M	29mm
1-3130M	30mm
1-3131M	31mm
1-3132M	32mm
1-3133M	33mm
1-3134M	34mm
1-3135M	35mm
1-3136M	36mm
1-3138M	38mm
1-3140M	40mm
1-3141M	41mm
1-3142M	42mm
1-3143M	43mm
1-3144M	44mm
1-3146M	46mm
1-3150M	50mm

#### 3/4" Drive Deep Metric Sizes:

1-3119MD	19mm
1-3120MD	20mm
1-3121MD	21mm
1-3122MD	22mm
1-3123MD	23mm
1-3124MD	24mm
1-3125MD	25mm
1-3126MD	26mm
1-3127MD	27mm
1-3128MD	28mm
1-3129MD	29mm
1-3130MD	30mm
1-3131MD	31mm
1-3132MD	32mm
1-3133MD	33mm
1-3134MD	34mm
1-3135MD	35mm
1-3136MD	36mm
1-3138MD	38mm
1-3140MD	40mm
1-3141MD	41mm
1-3142MD	42mm
1-3143MD	43mm
1-3144MD	44mm
1-3146MD	46mm
1-3150MD	50mm

#### Dimensions:

Wall Mount: 24" W x 48-1/2" H x 8" D  
 Free Standing: 24" W x 55-1/4" H x 15-1/2" D  
 Weight: 124.0 lbs.





# 1" Drive 6-Point Impact Socket Displays



6 No. D445 1" Drive 6-Point Fractional Display **SAE**



### 45 Piece Display Contents:

#### Attachments:

- 1- **4007E** ..... 7" Extension
- 1- **4008A** ..... 1" F. x 3/4" M. Adapter
- 1- **4008AB** ..... 1" F. x 3/4" M. Adapter w/ Steel Ball

#### 1" Drive Fractional Sizes:

- 1- **4024R** ..... 3/4"
- 1- **4026R** ..... 13/16"
- 1- **4028R** ..... 7/8"
- 1- **4030R** ..... 15/16"
- 1- **4032R** ..... 1"
- 1- **4034R** ..... 1-1/16"
- 1- **4036R** ..... 1-1/8"
- 1- **4038R** ..... 1-3/16"
- 1- **4040R** ..... 1-1/4"
- 1- **4042R** ..... 1-5/16"
- 1- **4044R** ..... 1-3/8"
- 1- **4046R** ..... 1-7/16"
- 1- **4048R** ..... 1-1/2"
- 1- **4050R** ..... 1-9/16"
- 1- **4052R** ..... 1-5/8"
- 1- **4054R** ..... 1-11/16"
- 1- **4056R** ..... 1-3/4"
- 1- **4058R** ..... 1-13/16"
- 1- **4060R** ..... 1-7/8"
- 1- **4062R** ..... 1-15/16"
- 1- **4064R** ..... 2"

#### 1" Drive Deep Fractional Sizes:

- 1- **4024D** ..... 3/4"
- 1- **4026D** ..... 13/16"
- 1- **4028D** ..... 7/8"
- 1- **4030D** ..... 15/16"
- 1- **4032D** ..... 1"
- 1- **4034D** ..... 1-1/16"
- 1- **4036D** ..... 1-1/8"
- 1- **4038D** ..... 1-3/16"
- 1- **4040D** ..... 1-1/4"
- 1- **4042D** ..... 1-5/16"
- 1- **4044D** ..... 1-3/8"
- 1- **4046D** ..... 1-7/16"
- 1- **4048D** ..... 1-1/2"
- 1- **4050D** ..... 1-9/16"
- 1- **4052D** ..... 1-5/8"
- 1- **4054D** ..... 1-11/16"
- 1- **4056D** ..... 1-3/4"
- 1- **4058D** ..... 1-13/16"
- 1- **4060D** ..... 1-7/8"
- 1- **4062D** ..... 1-15/16"
- 1- **4064D** ..... 2"

#### Dimensions:

Wall Mount: 24" W x 48-1/2" H x 8" D  
 Free Standing: 24" W x 55-1/4" H x 15-1/2" D  
 Weight: 125.0 lbs.

6 No. D446M 1" Drive 6-Point Metric Display **MM**



### 46 Piece Display Contents:

#### 1" Drive Metric Sizes:

- 1- **4019M** ..... 19mm
- 1- **4021M** ..... 21mm
- 1- **4022M** ..... 22mm
- 1- **4023M** ..... 23mm
- 1- **4024M** ..... 24mm
- 1- **4025M** ..... 25mm
- 1- **4026M** ..... 26mm
- 1- **4027M** ..... 27mm
- 1- **4028M** ..... 28mm
- 1- **4029M** ..... 29mm
- 1- **4030M** ..... 30mm
- 1- **4031M** ..... 31mm
- 1- **4032M** ..... 32mm
- 1- **4033M** ..... 33mm
- 1- **4035M** ..... 35mm
- 1- **4036M** ..... 36mm
- 1- **4038M** ..... 38mm
- 1- **4040M** ..... 40mm
- 1- **4041M** ..... 41mm
- 1- **4042M** ..... 42mm
- 1- **4043M** ..... 43mm
- 1- **4046M** ..... 46mm
- 1- **4050M** ..... 50mm

#### 1" Drive Deep Metric Sizes:

- 1- **4019MD** ..... 19mm
- 1- **4021MD** ..... 21mm
- 1- **4022MD** ..... 22mm
- 1- **4023MD** ..... 23mm
- 1- **4024MD** ..... 24mm
- 1- **4025MD** ..... 25mm
- 1- **4026MD** ..... 26mm
- 1- **4027MD** ..... 27mm
- 1- **4028MD** ..... 28mm
- 1- **4029MD** ..... 29mm
- 1- **4030MD** ..... 30mm
- 1- **4031MD** ..... 31mm
- 1- **4032MD** ..... 32mm
- 1- **4033MD** ..... 33mm
- 1- **4035MD** ..... 35mm
- 1- **4036MD** ..... 36mm
- 1- **4038MD** ..... 38mm
- 1- **4040MD** ..... 40mm
- 1- **4041MD** ..... 41mm
- 1- **4042MD** ..... 42mm
- 1- **4043MD** ..... 43mm
- 1- **4046MD** ..... 46mm
- 1- **4050MD** ..... 50mm

#### Dimensions:

Wall Mount: 24" W x 48-1/2" H x 8" D  
 Free Standing: 24" W x 55-1/4" H x 15-1/2" D  
 Weight: 112.0 lbs.





# 1" Drive 12-Point & Tire Service Displays



## 12 No. D434-12 1" Drive 12-Point Fractional Display SAE



### 34 Piece Display Contents:

#### 1" Drive Fractional Sizes:

- 1- **4232R** ..... 1"
- 1- **4234R** ..... 1-1/16"
- 1- **4236R** ..... 1-1/8"
- 1- **4238R** ..... 1-3/16"
- 1- **4240R** ..... 1-1/4"
- 1- **4242R** ..... 1-5/16"
- 1- **4244R** ..... 1-3/8"
- 1- **4246R** ..... 1-7/16"
- 1- **4248R** ..... 1-1/2"
- 1- **4250R** ..... 1-9/16"
- 1- **4252R** ..... 1-5/8"
- 1- **4254R** ..... 1-11/16"
- 1- **4256R** ..... 1-3/4"
- 1- **4258R** ..... 1-13/16"
- 1- **4260R** ..... 1-7/8"
- 1- **4262R** ..... 1-15/16"
- 1- **4264R** ..... 2"

#### 1" Drive Deep Fractional Sizes:

- 1- **4232D** ..... 1"
- 1- **4234D** ..... 1-1/16"
- 1- **4236D** ..... 1-1/8"
- 1- **4238D** ..... 1-3/16"
- 1- **4240D** ..... 1-1/4"
- 1- **4242D** ..... 1-5/16"
- 1- **4244D** ..... 1-3/8"
- 1- **4246D** ..... 1-7/16"
- 1- **4248D** ..... 1-1/2"
- 1- **4250D** ..... 1-9/16"
- 1- **4252D** ..... 1-5/8"
- 1- **4254D** ..... 1-11/16"
- 1- **4256D** ..... 1-3/4"
- 1- **4258D** ..... 1-13/16"
- 1- **4260D** ..... 1-7/8"
- 1- **4262D** ..... 1-15/16"
- 1- **4264D** ..... 2"

Dimensions:  
 Wall Mount: 24" W x 48-1/2" H x 8" D  
 Free Standing: 24" W x 55-1/4" H x 15-1/2" D  
 Weight: 122.0 lbs.

## No. D139 Tire & Wheel Service Display SAE MM



Includes the most popular tire and wheel service sockets to service both passenger vehicles and light trucks as well as heavy duty trucks.

### 39 Piece Display Contents:

#### 1/2" Drive Flip:

- 1- **2146DT** ..... 3/4" x 13/16"
- 1- **2192DT** ..... 19mm x 21mm

#### Adapters:

- 1- **3008A** ..... 3/4" F. x 1/2" M.
- 1- **3009A** ..... 3/4" F. x 1" M.
- 1- **4008A** ..... 1" F. x 3/4" M.

#### 3/4" Drive Sizes:

- 1- **3007E** ..... 7" Extension
- 1- **3313S** ..... 13/16" Square
- 1- **3317S** ..... 17mm Square
- 1- **3028D** ..... 7/8" Deep
- 1- **3032D** ..... 1" Deep
- 1- **3038D** ..... 1-3/16" Deep
- 1- **3034DT** ..... 1-1/16" TW
- 1- **3036DT** ..... 1-1/8" TW
- 1- **3040DT** ..... 1-1/4" TW
- 1- **3048D** ..... 1-1/2" Deep
- 1- **3048DB** ..... 1-1/2" Dp Budd
- 1- **3223C** ..... 1-1/2" x 13/16" Sq.
- 1- **3027MD** ..... 27mm Deep
- 1- **3030MD** ..... 30mm Deep
- 1- **3033MD** ..... 33mm Deep
- 1- **3035MD** ..... 35mm Deep

#### 1" Drive Sizes:

- 1- **4007E** ..... 7" Extension
- 1- **4313S** ..... 13/16" Square
- 1- **4317S** ..... 17mm Square
- 1- **4321S** ..... 21mm Square
- 1- **4028R** ..... 7/8"
- 1- **4032R** ..... 1"
- 1- **4038R** ..... 1-3/16"
- 1- **4034DT** ..... 1-1/16" TW
- 1- **4036DT** ..... 1-1/8" TW
- 1- **4040DT** ..... 1-1/4" TW
- 1- **4048D** ..... 1-1/2" Deep
- 1- **4048DB** ..... 1-1/2" Dp Budd
- 1- **4033M** ..... 33mm
- 1- **4033MD** ..... 33mm Deep
- 1- **4035MD** ..... 35mm Deep
- 1- **4041MD** ..... 41mm Deep
- 1- **4223C** ..... 1-1/2" x 13/16" Sq.
- 1- **4241MC** ..... 41mm x 21mm Sq.

Dimensions:  
 Wall Mount: 24" W x 48-1/2" H x 8" D  
 Free Standing: 24" W x 55-1/4" H x 15-1/2" D  
 Weight: 99.0 lbs.



# Hex Driver Display & Display Components



No. D157H

1/4", 3/8" & 1/2" Hex Driver Display



Dimensions:  
Wall Mount: 24" W x 48-1/2" H x 8" D  
Free Standing: 24" W x 55-1/4" H x 15-1/2" D  
Weight: 54.0 lbs.

Includes a complete range of individual Hex Drivers as well as the most popular sets.

## 57 Piece Display Contents:

### 1/4" Drive Fractional Sizes:

- 1- 9904F ..... 1/8"
- 1- 9905F ..... 5/32"
- 1- 9906F ..... 3/16"
- 1- 9907F ..... 7/32"
- 1- 9908F ..... 1/4"
- 1- 9910F ..... 5/16"
- 1- 9912F ..... 3/8"

### 1/4" Drive Metric Sizes:

- 1- 9902M ..... 2mm
- 1- 9925M ..... 2.5mm
- 1- 9903M ..... 3mm
- 1- 9904M ..... 4mm
- 1- 9905M ..... 5mm
- 1- 9906M ..... 6mm
- 1- 9907M ..... 7mm
- 1- 9908M ..... 8mm
- 1- 9910M ..... 10mm

### 3/8" Drive Fractional Sizes:

- 1- 1906F ..... 3/16"
- 1- 1907F ..... 7/32"
- 1- 1908F ..... 1/4"
- 1- 1910F ..... 5/16"
- 1- 1912F ..... 3/8"
- 1- 1914F ..... 7/16"
- 1- 1916F ..... 1/2"

### 3/8" Drive Metric Sizes:

- 1- 1904M ..... 4mm
- 1- 1905M ..... 5mm
- 1- 1906M ..... 6mm
- 1- 1907M ..... 7mm
- 1- 1908M ..... 8mm
- 1- 1910M ..... 10mm
- 1- 1912M ..... 12mm

### 1/2" Drive Fractional Sizes:

- 1- 2908F ..... 1/4"
- 1- 2909F ..... 9/32"
- 1- 2910F ..... 5/16"
- 1- 2912F ..... 3/8"
- 1- 2914F ..... 7/16"
- 1- 2916F ..... 1/2"
- 1- 2918F ..... 9/16"
- 1- 2920F ..... 5/8"
- 1- 2922F ..... 11/16"
- 1- 2924F ..... 3/4"

### 1/2" Drive Metric Sizes:

- 1- 2906M ..... 6mm
- 1- 2907M ..... 7mm
- 1- 2908M ..... 8mm
- 1- 2910M ..... 10mm
- 1- 2911M ..... 11mm
- 1- 2912M ..... 12mm
- 1- 2913M ..... 13mm
- 1- 2914M ..... 14mm
- 1- 2915M ..... 15mm
- 1- 2916M ..... 16mm
- 1- 2917M ..... 17mm
- 1- 2918M ..... 18mm
- 1- 2919M ..... 19mm

### Fractional Sets

- 7 piece - 1297H ..... 3/8" Drive
- 10 piece - 1398H ..... 1/2" Drive

### Metric Sets

- 7 piece - 1297MH ..... 3/8" Drive
- 10 piece - 1498MH ..... 1/2" Drive

## Custom Display Components



### Item Number

### Description

#### **BASE RACK**

- DBASE**
- LEGKIT**

Display rack, includes coroplast backer & sign holder  
Set of legs for DBASE (1 pair)

#### **SHELVES**

- 4SHELF**
- 6SHELF**

4" Shelf for display (used for most sockets)  
6" Shelf for display (used for small sets & large sockets)

#### **RAIL & CLIPS**

- CRAILKIT**
- 14CLIP**
- 38CLIP**
- 12CLIP**
- 34CLIP**
- 1CLIP**

Metal rail for socket clips includes mounting hardware  
1/4" clip for rail (each)  
3/8" clip for rail (each)  
1/2" clip for rail (each)  
3/4" clip for rail (each)  
1" clip for rail (each)

#### **SIGNAGE**

- GENERICARD**
- SCHANNEL**

Generic GP "IMPACT SOCKETS" Header Card 8" x 24"  
Blank sign channel for 4" & 6" shelves (white)



Displays





# Impact Chisels - .401 "Turn-Type" Shank



We offer Impact Chisels in .401 and .498 shank for use with pneumatic hammers. Each Chisel is designed for a specific job or application and is made from the highest quality steel finished with a black oxide coating for exceptional quality and durability. We back it up with our GP Lifetime Warranty.

All Chisels are packaged in hanging blister packs. Sets are packaged in molded trays with a hanging box for retail display. The molded tray serves as a tool box organizer for the technician.

No. CH100 1/2" Flat Chisel **.401**



Dimensions	A	B	C	D	E	F
Inches	.50	.401	5.27	1.73	7.00	.49
Millimeters	12.7	10.2	133.9	44.0	180.0	12.5

No. CH101 5/8" Flat Chisel **.401**



Dimensions	A	B	C	D	E	F
Inches	.63	.401	5.27	1.73	7.00	.49
Millimeters	16.0	10.2	133.9	44.0	180.0	12.5

No. CH102 3/4" Flat Chisel **.401**



Dimensions	A	B	C	D	E	F
Inches	.75	.401	5.27	1.73	7.00	.49
Millimeters	19.0	10.2	133.9	44.0	180.0	12.5

No. CH103 1-1/2" Flat Chisel **.401**



Dimensions	A	B	C	D	E	F
Inches	1.50	.401	5.27	1.73	7.00	.49
Millimeters	38.0	10.2	133.9	44.0	180.0	12.5

No. CH104 3/4" Flat Chisel - 11" Length **.401**



Dimensions	A	B	C	D	E	F
Inches	.75	.401	9.27	1.73	11.00	.49
Millimeters	19.0	10.2	235.5	44.0	280.0	12.5

No. CH105 3/4" Flat Chisel - 18" Length **.401**



Dimensions	A	B	C	D	E	F
Inches	.75	.401	16.27	1.73	18.00	.49
Millimeters	19.0	10.2	413.3	44.0	450.0	12.5

No. CH110 Claw Ripper & Panel Cutter **.401**

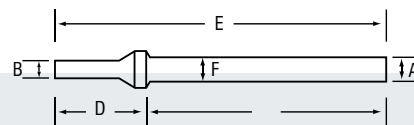


Dimensions	A	B	C	D	E	F
Inches	.65	.401	5.27	1.73	7.00	.49
Millimeters	16.0	10.2	133.9	44.0	180.0	12.5

No. CH111 Tapered Punch **.401**



Dimensions	A	B	C	D	E	F
Inches	.12	.401	5.27	1.73	7.00	.49
Millimeters	3.0	10.2	133.9	44.0	180.0	12.5





**No. CH112 1-1/4" Chisel-Scraper .401**



Dimensions	A	B	C	D	E	F
Inches	1.25	.401	5.77	1.73	7.50	.49
Millimeters	32.0	10.2	146.6	44.0	190.0	12.5

**No. CH113 Straight Punch .401**



Dimensions	A	B	C	D	E	F
Inches	.49	.401	5.27	1.73	7.00	.49
Millimeters	12.4	10.2	133.9	44.0	180.0	12.5

**No. CH114 Single Blade Panel Cutter .401**



Dimensions	A	B	C	D	E	F
Inches	.79	.401	5.27	1.73	7.00	.49
Millimeters	20.0	10.2	133.9	44.0	180.0	12.5

**No. CH115 Dual Blade Panel Cutter .401**



Dimensions	A	B	C	D	E	F
Inches	.87	.401	4.77	1.73	6.50	.49
Millimeters	22.0	10.2	121.2	44.0	165.0	12.5

**No. CH116 Rivet Cutter .401**



Dimensions	A	B	C	D	E	F
Inches	.63	.401	4.77	1.73	6.50	.49
Millimeters	16.0	10.2	121.2	44.0	165.0	12.5

**1" Hammer - Standard & 7" Length .401**



Item Number	Dimensions	A	B	C	D	E	F
CH117	Inches	1.00	.401	2.40	1.73	4.13	.49
CH117-7	Inches	1.00	.401	5.27	1.73	7.00	.49

**No. CH118 Bushing Splitter .401**

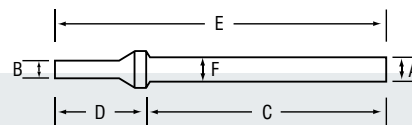


Dimensions	A	B	C	D	E	F
Inches	.49	.401	5.77	1.73	7.50	.49
Millimeters	12.4	10.2	146.6	44.0	190.0	12.5

**No. CH119 Tailpipe Cutter .401**



Dimensions	A	B	C	D	E	F
Inches	.98	.401	5.27	1.73	7.00	.49
Millimeters	25.0	10.2	133.9	44.0	180.0	12.5





# Impact Chisels - .401 "Turn-Type" Shank



No. CH120 Muffler Cutter **.401**



Dimensions	A	B	C	D	E	F
Inches	.60	.401	5.27	1.73	7.00	.49
Millimeters	15.2	10.2	133.9	44.0	180.0	12.5

No. CH121 Muffler & Pipe Cutter **.401**



Dimensions	A	B	C	D	E	F
Inches	1.10	.401	5.77	1.73	7.50	.49
Millimeters	28.0	10.2	146.6	44.0	190.0	12.5

No. CH122 Outside Muffler Pipe Cutter **.401**



Dimensions	A	B	C	D	E	F
Inches	1.00	.401	6.52	1.73	8.25	.49
Millimeters	25.4	10.2	165.6	44.0	210.0	12.5

No. CH123 Inside Muffler Pipe Cutter **.401**



Dimensions	A	B	C	D	E	F
Inches	1.00	.401	6.52	1.73	8.25	.49
Millimeters	25.4	10.2	165.6	44.0	210.0	12.5

No. CH124 Spot Weld Cutter **.401**



Dimensions	A	B	C	D	E	F
Inches	.72	.401	5.27	1.73	7.00	.49
Millimeters	18.0	10.2	133.9	44.0	180.0	12.5

No. CH125 5/16" Nut Splitter - 6" Long **.401**



Dimensions	A	B	C	D	E	F
Inches	.77	.401	4.27	1.73	6.00	.49
Millimeters	20.0	10.2	108.5	44.0	150.0	12.5

No. CH126 3/8" Nut Splitter - 10" Long **.401**

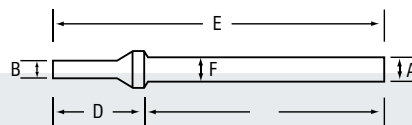


Dimensions	A	B	C	D	E	F
Inches	.77	.401	8.27	1.73	10.00	.49
Millimeters	20.0	10.2	210.1	44.0	250.0	12.5

No. CH127 3/8" Nut Splitter - 18" Long **.401**



Dimensions	A	B	C	D	E	F
Inches	.77	.401	16.27	1.73	18.00	.49
Millimeters	20.0	10.2	413.3	44.0	450.0	12.5





# Impact Chisels - .498 "Turn-Type" Shank



.498 shank chisels have a larger shank size allowing them to be used with more powerful tools. Each chisel is designed specifically for heavy duty applications. Use with our model CH8001 chisel retainer for maximum safety and durability.

**No. CH801 5/8" Flat Chisel .498**



Dimensions	A	B	C	D	E	F
Inches	.63	.498	5.27	1.73	7.00	.63
Millimeters	16.0	12.7	133.9	44.0	180.0	16.0

**No. CH803 1-1/2" Flat Chisel .498**



Dimensions	A	B	C	D	E	F
Inches	1.50	.498	5.27	1.73	7.00	.63
Millimeters	38.0	12.7	133.9	44.0	180.0	16.0

**No. CH811 Tapered Punch .498**



Dimensions	A	B	C	D	E	F
Inches	.13	.498	5.27	1.73	7.00	.63
Millimeters	3.0	12.7	133.9	44.0	180.0	16.0

**No. CH812 1-1/4" Chisel-Scraper .498**



Dimensions	A	B	C	D	E	F
Inches	1.25	.498	5.27	1.73	7.00	.63
Millimeters	32.0	12.7	133.9	44.0	180.0	16.0

**No. CH813 Straight Punch .498**



Dimensions	A	B	C	D	E	F
Inches	.50	.498	5.27	1.73	7.00	.63
Millimeters	12.7	12.7	133.9	44.0	180.0	16.0

**No. CH815 Dual Blade Panel Cutter .498**



Dimensions	A	B	C	D	E	F
Inches	.94	.498	5.27	1.73	7.00	.63
Millimeters	24.0	12.7	133.9	44.0	180.0	16.0

**No. CH816 Rivet Cutter .498**



Dimensions	A	B	C	D	E	F
Inches	.76	.498	4.77	1.73	6.50	.63
Millimeters	20.0	12.7	121.2	44.0	165.0	16.0

**No. CH817 1-1/4" Hammer .498**

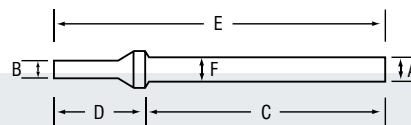


Dimensions	A	B	C	D	E	F
Inches	1.25	.498	2.40	1.73	4.13	.63
Millimeters	32.0	12.7	61.0	44.0	105.0	16.0

**No. CH818 Bushing Splitter .498**



Dimensions	A	B	C	D	E	F
Inches	.63	.498	5.27	1.73	7.00	.63
Millimeters	16.0	12.7	133.9	44.0	180.0	16.0





# Impact Chisel Sets - .401 & .498 "Turn-Type" Shank



## No. CS110 General Service Impact Chisel Set

**.401**

This set contains the most popular .401 shank chisels to handle a wide variety of job types.



### 10 piece set contents:

- CH116.....Rivet Cutter
- CH102.....3/4" Flat Chisel
- CH113.....Straight Punch
- CH111.....Tapered Punch
- CH110.....Panel Cutter
- CH118.....Bushing Splitter
- CH120.....Muffler Cutter
- CH125.....5/16" Nut Splitter
- CH115.....Dual Blade Panel Cutter
- CH117.....1" Hammer

Packaged in a molded storage tray with hanging box for display.

## No. CS106 Exhaust Service Impact Chisel Set

**.401**

This set contains the most popular .401 shank chisels for exhaust and muffler service.



### 6 piece set contents:

- CH102.....3/4" Flat Chisel
- CH119.....Tailpipe Cutter
- CH120.....Muffler Cutter
- CH121.....Muffler & Pipe Cutter
- CH122.....Outside Muffler Cutter
- CH123.....Inside Muffler Cutter

Packaged in a molded storage tray with hanging box for display.

## No. CS807 Heavy Duty General Service Chisel Set

**.498**

This set contains the most popular .498 shank chisels for heavy duty service work.



### 7 piece set contents:

- CH801.....5/8" Flat Chisel
- CH811.....Tapered Punch
- CH813.....Straight Punch
- CH815.....Dual Blade Panel Cutter
- CH816.....Rivet Cutter
- CH818.....Bushing Splitter
- CH817...1-1/4" Diameter Hammer

Packaged in a molded storage tray with hanging box for display.





# Quick-Change Spring-Type Retainers .401 & .498 Shank

All items on this page are covered by a one year limited warranty.

These Quick-Change Spring-Type Retainers are made to fit a wide variety of Pneumatic Hammer models. Each retainer features a thumb lever that allows the tool to be changed quickly. See the chart below for the model to fit your specific tool. All quick-change spring retainers are packaged in hanging blister packs for ease of display and storage. One year limited warranty.

## .401 Shank Quick-Change Spring-Type Chisel Retainers

**.401**



CH198



CH199

Item Number	APPLICATION	
	Manufacturer	Model
<b>CH198</b>	Chicago Pneumatic	All .401 except CP716
	Cleco	E3, E4, E15, E16
	Dayton	All Models
	Ingersoll-Rand	115, 116, 117
	Matco	All Models
<b>CH199</b>	American Pneumatic	All Models
	Chicago Pneumatic	CP716
	Desouter	All Models
	Ingersoll-Rand	121, 132, 772, AV10, AV12, AV13
	Sioux	270-272
Superior	All Models	

## No. CH898 Quick-Change Spring-Type Chisel Retainer

**.498**

CH898 Quick-Change Retainer fits all Chicago Pneumatic .498 models.





# Quick-Change Retainers & Parts - .401 & .498



All items on this page are covered by a one year limited warranty.

These Quick-Change Retainers are threaded to fit a wide variety of Pneumatic Hammer models. Each retainer features a positive lock sliding collar to prevent the chisel from separating from the hammer. All retainers are designed for use with "turn" or "non-turn" type shanks. See the chart below for the model to fit your specific tool. All quick-change retainers carry a one year limited warranty. Parts are available below.

## CH1000 Series Quick-Change Chisel Retainers

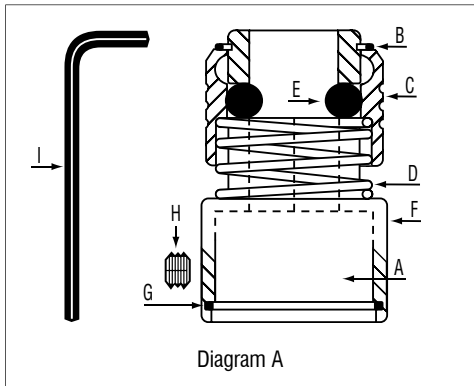
**.401**



Item Number	APPLICATION	
	Manufacturer	Model
<b>CH1001</b>	Chicago Pneumatic	All .401 except CP716
	Cleco	E3, E4, E15, E16
	Dayton	All Models
	Ingersoll-Rand	115, 116, 117
	Matco	All Models
<b>CH1002</b>	American Pneumatic	All Models
	Chicago Pneumatic	CP716
	Desouter	All Models
	Ingersoll-Rand	121, 132, 772, AV10, AV12, AV13
	Sioux	270-272
	Superior	All Models
<b>CH1003</b>	Florida Pneumatic	All Models
	Snap On	PH45 - PH50

### Replacement Parts CH1000 Series

Listed below are the replacement parts for series CH1000 Quick-Change Retainers. See Diagram A.



Ref.	Number	Description	Quantity
A	CH1000-1	CH1001 Threaded Insert (red)	1 see app.
A	CH1000-2	CH1002 Threaded Insert (black)	1 see app.
A	CH1000-3	CH1003 Threaded Insert (blue)	1 see app.
B	CH1000-4	Front Snap Ring	1
C	CH1000-5	Slide Collar	1
D	CH1000-6	Spring	1
E	CH1000-7	Ball	4
F	CH1000-8	Main Body	1
G	CH1000-9	Rear Snap Ring (Internal)	1
H	CH1000-10	Set Screw	3
I	CH1000-11	Hex "L" Key Wrench	1

## No. CH8001 Quick-Change Chisel Retainer

**.498**

CH8001 Quick-Change Retainer fits all Chicago Pneumatic .498 models.



### Replacement Parts CH8001

Listed below are the replacement parts for CH8001 Quick-Change Retainer. See Diagram A.

Ref.	Number	Description	Quantity
A	CH8000-1	CH8001 Threaded Insert CP	1
B	CH8000-4	Front Snap Ring	1
C	CH8000-5	Slide Collar	1
D	CH8000-6	Spring	1
E	CH8000-7	Ball	4
F	CH8000-8	Main Body	1
G	CH8000-9	Rear Snap Ring (Internal)	1
H	CH1000-10	Set Screw	3
I	CH1000-11	Hex "L" Key Wrench	1





# Conversion Chart



## Conversion Chart Showing Millimeter Sizes, Fractional and Decimal Inch Sizes

(NOTE: To convert from inches to millimeters, multiply by 25.4; to convert from millimeters to inches, multiply by .03937.)

Fractions	Decimal Equiv.	Milli-meter	Fractions	Decimal Equiv.	Milli-meter	Fractions	Decimal Equiv.	Milli-meter	Fractions	Decimal Equiv.	Milli-meter
-	.0004	.010	35/64	.5470	13.891	-	1.3388	34.000	2-7/16	2.4380	61.913
-	.0040	.100	-	.5512	14.000	1-11/32	1.3440	34.131	-	2.4409	62.000
-	.0100	.250	9/16	.5630	14.288	1-3/8	1.3750	34.925	2-15/32	2.4690	62.706
1/64	.0156	.397	-	.5710	14.500	-	1.3779	35.000	-	2.4803	63.000
-	.0197	.500	37/64	.5780	14.684	1-13/32	1.4060	35.719	2-1/2	2.5000	63.500
-	.0295	.750	-	.5906	15.000	-	1.4173	36.000	-	2.5197	64.000
1/32	.03125	.794	19/32	.5940	15.081	1-7/16	1.4380	36.513	2-17/32	2.5310	64.294
-	.0394	1.000	39/64	.6090	15.478	-	1.4567	37.000	-	2.5590	65.000
3/64	.0469	1.191	5/8	.6250	15.875	1-15/32	1.4690	37.306	2-9/16	2.5620	65.088
-	.0590	1.500	-	.6299	16.000	-	1.4961	38.000	2-19/32	2.5940	65.881
1/16	.0620	1.588	41/64	.6406	16.272	1-1/2	1.5000	38.100	-	2.5984	66.000
5/64	.0781	1.984	-	.6496	16.500	1-17/32	1.5310	38.894	2-5/8	2.6250	66.675
-	.0787	2.000	21/32	.6560	16.669	-	1.5354	39.000	-	2.6380	67.000
3/32	.0940	2.381	-	.6693	17.000	1-9/16	1.5620	39.688	2-21/32	2.6560	67.469
-	.0984	2.500	43/64	.6720	17.066	-	1.5748	40.000	-	2.6772	68.000
7/64	.1090	2.778	11/16	.6875	17.463	1-19/32	1.5940	40.481	2-11/16	2.6875	68.263
-	.1181	3.000	45/64	.7030	17.859	-	1.6142	41.000	-	2.7165	69.000
1/8	.1250	3.175	-	.7087	18.000	1-5/8	1.6250	41.275	2-23/32	2.7190	69.056
-	.1378	3.500	23/32	.7190	18.256	-	1.6535	42.000	2-3/4	2.7500	69.850
9/64	.1410	3.572	-	.7283	18.500	1-21/32	1.6562	42.069	-	2.7559	70.000
5/32	.1560	3.969	47/64	.7340	18.653	1-11/16	1.6875	42.863	2-25/32	2.7810	70.6439
-	.1575	4.000	-	.7480	19.000	-	1.6929	43.000	-	2.7953	71.000
11/64	.1720	4.366	3/4	.7500	19.050	1-23/32	1.7190	43.656	2-13/16	2.8125	71.4376
-	.1770	4.500	49/64	.7656	19.447	-	1.7323	44.000	-	2.8346	72.000
3/16	.1875	4.763	25/32	.7810	19.844	1-3/4	1.7500	44.450	2-27/32	2.8440	72.2314
-	.1969	5.000	-	.7874	20.000	-	1.7717	45.000	-	2.8740	73.000
13/64	.2030	5.159	51/64	.7970	20.241	1-25/32	1.7810	45.244	2-7/8	2.8750	73.025
-	.2165	5.500	13/16	.8125	20.638	-	1.8110	46.000	2-29/32	2.9062	73.819
7/32	.2190	5.556	-	.8268	21.000	1-13/16	1.8125	46.038	-	2.9134	74.000
15/64	.2340	5.953	53/64	.8280	21.034	1-27/32	1.8440	46.831	2-15/16	2.9375	74.613
-	.2362	6.000	27/32	.8440	21.431	-	1.8504	47.000	-	2.9527	75.000
1/4	.2500	6.350	55/64	.8590	21.828	1-7/8	1.8750	47.625	2-31/32	2.9690	75.406
-	.2599	6.500	-	.8661	22.000	-	1.8898	48.000	-	2.9921	76.000
17/64	.2656	6.747	7/8	.8750	22.225	1-29/32	1.9062	48.419	3	3.0000	76.200
-	.2756	7.000	57/64	.8906	22.622	-	1.9291	49.000	3-1/32	3.0312	76.994
9/32	.2810	7.144	-	.9055	23.000	1-15/16	1.9375	49.213	-	3.0315	77.000
-	.2953	7.500	29/32	.9062	23.019	-	1.9685	50.000	3-1/16	3.0620	77.788
19/64	.2970	7.541	59/64	.9220	23.416	1-31/32	1.9690	50.006	-	3.0709	78.000
5/16	.3120	7.938	15/16	.9375	23.813	2	2.0000	50.800	3-3/32	3.0940	78.581
-	.3150	8.000	-	.9449	24.000	-	2.0079	51.000	-	3.1102	79.000
21/64	.3280	8.334	61/64	.9530	24.209	2-1/32	2.03125	51.594	3-1/8	3.1250	79.375
-	.3350	8.500	31/32	.9690	24.606	-	2.0472	52.000	-	3.1496	80.000
11/32	.3440	8.731	-	.9843	25.000	2-1/16	2.0620	52.388	3-5/32	3.1560	80.169
-	.3543	9.000	63/64	.9844	25.003	-	2.0866	53.000	3-3/16	3.1875	80.963
23/64	.3590	9.128	1	1.0000	25.400	2-3/32	2.0940	53.181	-	3.1890	81.000
-	.3740	9.500	-	1.0236	26.000	2-1/8	2.1250	53.975	3-7/32	3.2190	81.756
3/8	.3750	9.525	1-1/32	1.0312	26.194	-	2.1260	54.000	-	3.2283	82.000
25/64	.3910	9.922	1-1/16	1.0620	26.986	2-5/32	2.1560	54.769	3-1/4	3.2500	82.550
-	.3937	10.000	-	1.0630	27.000	-	2.1650	55.000	-	3.2677	83.000
13/32	.4060	10.319	1-3/32	1.0940	27.781	2-3/16	2.1875	55.563	3-9/32	3.2810	83.344
-	.4130	10.500	-	1.1024	28.000	-	2.2047	56.000	-	3.3071	84.000
27/64	.4220	10.716	1-1/8	1.1250	28.575	2-7/32	2.2190	56.356	3-5/16	3.3120	84.1377
-	.4331	11.000	-	1.1417	29.000	-	2.2440	57.000	3-11/32	3.3440	84.9314
7/16	.4380	11.113	1-5/32	1.1560	29.369	2-1/4	2.2500	57.150	-	3.3464	85.000
29/64	.4530	11.509	-	1.1811	30.000	2-9/32	2.2810	57.944	3-3/8	3.3750	85.725
15/32	.4690	11.906	1-3/16	1.1875	30.163	-	2.2835	58.000	-	3.3858	86.000
-	.4724	12.000	1-7/32	1.2190	30.956	2-5/16	2.3120	58.738	3-13/32	3.4060	86.519
31/64	.4840	12.303	-	1.2205	31.000	-	2.3228	59.000	-	3.4252	87.000
-	.4920	12.500	1-1/4	1.2500	31.750	2-11/32	2.3440	59.531	3-7/16	3.4380	87.313
1/2	.5000	12.700	-	1.2598	32.000	-	2.36622	60.000	-	3.4646	88.000
-	.5118	13.000	1-9/32	1.2810	32.544	2-3/8	2.3750	60.325	3-15/32	3.4690	88.106
33/64	.5156	13.097	-	1.2992	33.000	-	2.4016	61.000	3-1/2	3.5000	88.900
17/32	.5310	13.494	1-5/16	1.3120	33.338	2-13/32	2.4060	61.119			

# Safety Rules

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## *Important Words About Safety for Users and Bystanders*

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**THIS SYMBOL INDICATES A  
HAZARD ALERT WARNING**



**MANDATORY EYE  
PROTECTION**

These safety recommendations simply reflect good engineering practice and are not intended to be a comprehensive set of rules. They compliment, but do not replace standard precautions to be taken by every user in compliance with professional guidelines, company procedures or national regulations. Keep and follow all power tool manufacturers operating instructions and safety rules. Remember, all the rules in the world cannot replace good common sense.

- Always wear eye, face, hand and body protective equipment while using or near the use of any Impact Tool or Attachment.
- Use only Impact Sockets or Chisels that are in good condition. Worn Tools reduce impact power and could also shatter, resulting in personal injury.
- Always select the correct size and type of Tool for the job to be done.
- When using a Universal Joint, Adapter or Extension Bar, never operate the Tool off the work.
- Use only Socket Retaining Pins designed for that purpose. Never use a make-shift pin.
- Never continue to hammer with an Impact Socket once the Fastener is tight.
- Always use the simplest hook-up possible. Long Extension Bars and Adapters absorb impact power and could break loose, resulting in personal injury.
- Never modify an Impact Socket from its original design to accomplish a task for which it was not intended.
- Never strike an Impact Socket or Chisel with a Hammer or other hard object.
- Never hold a Socket, Chisel, Universal Joint or other Attachment in your hand while the Power Tool is running.
- Keep tools away from Children.



## ***GP Lifetime Warranty***

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Grey Pneumatic Impact Sockets, Duo-Sockets®, Ratchets & Chisels are warranted against defects in materials and workmanship for the life of the product. Quick change retainers and some special application items are warranted for one year from the date of purchase. Some items are No-Warranty and are marked on the product. These warranties do not apply to items that have been misused, abused, altered in any way, or worn out from use. Grey Pneumatic makes no other warranties with respect to our products or their suitability for specific applications.

Sets: Warranty on sets applies to the individual parts within the set. If one part is deemed defective we will replace that part and not the complete set.

Ratchets: Grey Pneumatic will at its option, provide repair parts, repair or replace any ratchet deemed defective. Use of handle extension bars will void all ratchet warranty as will visible signs of abuse to the handle or any other areas.

All claimed defective tools must be returned to the place of purchase for replacement. In cases where there is a question regarding defective or abused tools, the distributor will return them to Grey Pneumatic for a determination. After a determination is made we will credit, replace or repair the tool at our option. Tools that have been ground, filed, welded, hammered or modified in any way, are not covered under the GP Lifetime Warranty.

Grey Pneumatic shall not be liable for any consequential or incidental damages incurred by the purchaser. Buyer's sole and exclusive remedy for any loss incurred shall be a refund of the selling price.

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Shop the largest selection of reliable hand tools in our online store.

**EVERYTHING IMPACT™**