



**OEMCRAFT**

協益勝企業有限公司

Chieh I Sheng Enterprise Co., Ltd.

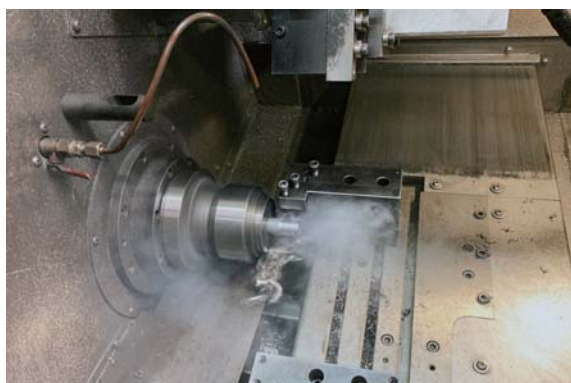
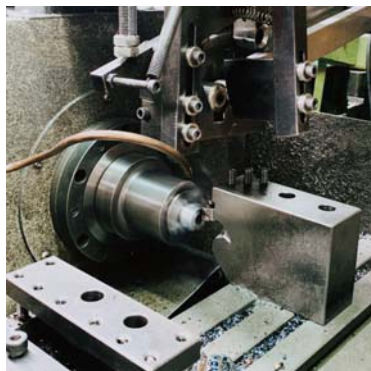


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OEMCRAFT







# About Us

Founded in 2000, Chieh I Sheng Co., Ltd (oemcraft) is specialized in sleeves craft of sockets. In respond to the rapid market demand, eight CNC Lathe machines which replace most of the traditional one were invested since 2012. It made a leap forward on our precision of turning craftsmanship, and the capabilities of customer orders.

Over 20 years of experience in the field of hand-tools, we are dedicated in producing a variety of sockets, socket sets, and accessory for every kind of custom-made order in OEM and ODM. Chieh I Sheng Co., Ltd is where to find your manufacturing specialist of high-quality sleeve.

Our core concept is to offer a complete service with trust and fair prices. We provide excellence quality control, and solution for any improvement needed to fulfill our customer demands. Having your good to ship (delivery) on time in perfect condition is always our top priority.



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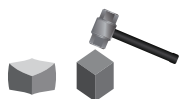




## *Typical properties of titanium*



Small Specific weight.



High specific strength.



Stainless



Heat resistance



Non magnetic



Non toxic



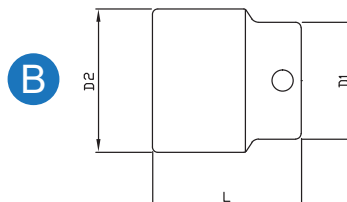
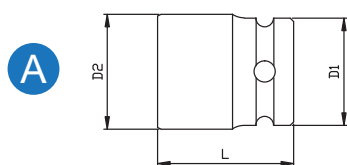


TYPE A



TYPE B

TYPE



## 3/4"DR. TITANIUM SOCKETS(MM)

| TYPE A<br>ITEM NO. | TYPE B<br>ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) |
|--------------------|--------------------|--------------|-----------|------------|------------|
| 34TI630            | 34TI830            | 30           | 52        | 44.0       | 46.0       |
| 34TI632            | 34TI832            | 32           | 52        | 44.0       | 48.0       |
| 34TI633            | 34TI833            | 33           | 56        | 44.0       | 50.0       |
| 34TI634            | 34TI834            | 34           | 56        | 44.0       | 51.0       |
| 34TI636            | 34TI836            | 36           | 56        | 44.0       | 53.5       |
| 34TI638            | 34TI838            | 38           | 56        | 44.0       | 56.0       |
| 34TI640            | 34TI840            | 40           | 58        | 44.0       | 58.0       |
| 34TI641            | 34TI841            | 41           | 58        | 44.0       | 60.0       |
| 34TI646            | 34TI846            | 46           | 63        | 44.0       | 67.0       |
| 34TI648            | 34TI848            | 48           | 68        | 44.0       | 69.0       |
| 34TI650            | 34TI850            | 50           | 72        | 54.0       | 71.0       |
| 34TI655            | 34TI855            | 55           | 74        | 54.0       | 77.0       |
| 34TI660            | 34TI860            | 60           | 80        | 54.0       | 84.0       |
| 34TI665            | 34TI865            | 65           | 80        | 54.0       | 88.0       |

## 3/4"DR. TITANIUM IMPACT SLIDING T BARS



TYPE A



TYPE B

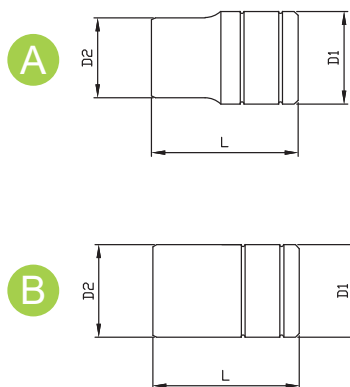
| TYPE A<br>ITEM NO. | TYPE B<br>ITEM NO. | LENGTH<br>(MM) |
|--------------------|--------------------|----------------|
| 34TS608            | 34TS808            | 200            |
| 34TS616            | 34TS816            | 400            |

# HAND TOOLS





SHAPE



## 1/4"DR. 6PT/12PT SOCKETS(MM)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|--------------|-----------|------------|------------|-------|
| 14SG604         | 14SG704          | 4            | 25        | 12.0       | 6.8        | A     |
| 14SG645         | 14SG745          | 4.5          | 25        | 12.0       | 7.0        |       |
| 14SG605         | 14SG705          | 5            | 25        | 12.0       | 8.0        |       |
| 14SG655         | 14SG755          | 5.5          | 25        | 12.0       | 8.3        |       |
| 14SG606         | 14SG706          | 6            | 25        | 12.0       | 9.3        |       |
| 14SG607         | 14SG707          | 7            | 25        | 12.0       | 10.5       |       |
| 14SG608         | 14SG708          | 8            | 25        | 12.0       | 12.0       | B     |
| 14SG609         | 14SG709          | 9            | 25        | 13.0       | 13.0       |       |
| 14SG610         | 14SG710          | 10           | 25        | 14.0       | 14.0       |       |
| 14SG611         | 14SG711          | 11           | 25        | 16.0       | 16.0       |       |
| 14SG612         | 14SG712          | 12           | 25        | 17.0       | 17.0       |       |
| 14SG613         | 14SG713          | 13           | 25        | 18.0       | 18.0       |       |
| 14SG614         | 14SG714          | 14           | 25        | 20.0       | 20.0       |       |

## 1/4"DR. 6PT/12PT SOCKETS(SAE)

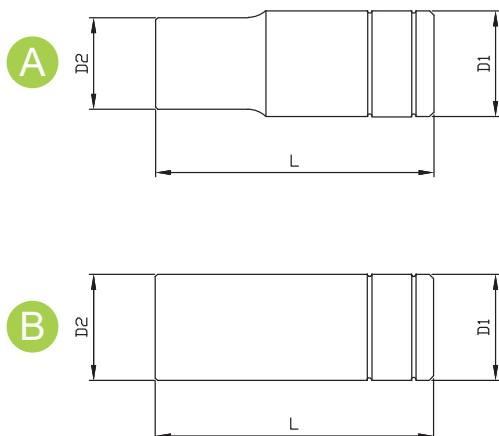
| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(INCH) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|----------------|-----------|------------|------------|-------|
| 14SG804         | 14SG904          | 5/32           | 25        | 12.0       | 6.8        | A     |
| 14SG805         | 14SG905          | 3/16           | 25        | 12.0       | 8.0        |       |
| 14SG855         | 14SG955          | 7/32           | 25        | 12.0       | 8.3        |       |
| 14SG806         | 14SG906          | 1/4            | 25        | 12.0       | 9.3        |       |
| 14SG807         | 14SG907          | 9/32           | 25        | 12.0       | 10.5       |       |
| 14SG808         | 14SG908          | 5/16           | 25        | 12.0       | 12.0       | B     |
| 14SG809         | 14SG909          | 11/32          | 25        | 13.0       | 13.0       |       |
| 14SG810         | 14SG910          | 3/8            | 25        | 14.0       | 14.0       |       |
| 14SG811         | 14SG911          | 7/16           | 25        | 16.0       | 16.0       |       |
| 14SG813         | 14SG913          | 1/2            | 25        | 18.0       | 18.0       |       |
| 14SG814         | 14SG914          | 9/16           | 25        | 20.0       | 20.0       |       |



# SOCKETS



SHAPE



## 1/4"DR. 6PT/12PT DEEP SOCKETS(MM)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|--------------|-----------|------------|------------|-------|
| 14SG104         | 14SG204          | 4            | 50        | 12.0       | 6.8        | A     |
| 14SG145         | 14SG245          | 4.5          | 50        | 12.0       | 7.0        |       |
| 14SG105         | 14SG205          | 5            | 50        | 12.0       | 8.0        |       |
| 14SG155         | 14SG255          | 5.5          | 50        | 12.0       | 8.3        |       |
| 14SG106         | 14SG206          | 6            | 50        | 12.0       | 9.3        |       |
| 14SG107         | 14SG207          | 7            | 50        | 12.0       | 10.5       |       |
| 14SG108         | 14SG208          | 8            | 50        | 12.0       | 12.0       | B     |
| 14SG109         | 14SG209          | 9            | 50        | 13.2       | 13.2       |       |
| 14SG110         | 14SG210          | 10           | 50        | 14.7       | 14.7       |       |
| 14SG111         | 14SG211          | 11           | 50        | 16.0       | 16.0       |       |
| 14SG112         | 14SG212          | 12           | 50        | 17.0       | 17.0       |       |
| 14SG113         | 14SG213          | 13           | 50        | 18.0       | 18.0       |       |
| 14SG114         | 14SG214          | 14           | 50        | 20.0       | 20.0       |       |

## 1/4"DR. 6PT/12PT DEEP SOCKETS(SAE)

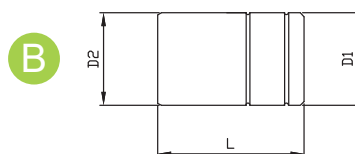
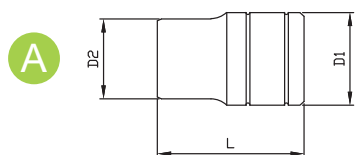
| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(INCH) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|----------------|-----------|------------|------------|-------|
| 14SG304         | 14SG404          | 5/32           | 50        | 12.0       | 6.8        | A     |
| 14SG305         | 14SG405          | 3/16           | 50        | 12.0       | 8.0        |       |
| 14SG355         | 14SG455          | 7/32           | 50        | 12.0       | 8.3        |       |
| 14SG306         | 14SG406          | 1/4            | 50        | 12.0       | 9.3        |       |
| 14SG307         | 14SG407          | 9/32           | 50        | 12.0       | 10.5       |       |
| 14SG308         | 14SG408          | 5/16           | 50        | 12.0       | 12.0       | B     |
| 14SG309         | 14SG409          | 11/32          | 50        | 13.2       | 13.2       |       |
| 14SG310         | 14SG410          | 3/8            | 50        | 14.7       | 14.7       |       |
| 14SG311         | 14SG411          | 7/16           | 50        | 16.0       | 16.0       |       |
| 14SG313         | 14SG413          | 1/2            | 50        | 18.0       | 18.0       |       |
| 14SG314         | 14SG414          | 9/16           | 50        | 20.0       | 20.0       |       |



### 3/8"DR. 6PT/12PT SOCKETS(MM)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|--------------|-----------|------------|------------|-------|
| 38SG606         | 38SG706          | 6            | 28        | 17.0       | 10.0       | A     |
| 38SG607         | 38SG707          | 7            | 28        | 17.0       | 11.0       |       |
| 38SG608         | 38SG708          | 8            | 28        | 17.0       | 12.0       |       |
| 38SG609         | 38SG709          | 9            | 28        | 17.0       | 13.0       |       |
| 38SG610         | 38SG710          | 10           | 28        | 17.0       | 14.5       |       |
| 38SG611         | 38SG711          | 11           | 28        | 17.0       | 15.7       |       |
| 38SG612         | 38SG712          | 12           | 28        | 17.0       | 17.0       | B     |
| 38SG613         | 38SG713          | 13           | 28        | 18.0       | 18.0       |       |
| 38SG614         | 38SG714          | 14           | 28        | 20.0       | 20.0       |       |
| 38SG615         | 38SG715          | 15           | 28        | 22.0       | 22.0       |       |
| 38SG616         | 38SG716          | 16           | 28        | 22.0       | 22.0       |       |
| 38SG617         | 38SG717          | 17           | 30        | 24.0       | 24.0       |       |
| 38SG618         | 38SG718          | 18           | 30        | 26.0       | 26.0       |       |
| 38SG619         | 38SG719          | 19           | 30        | 26.0       | 26.0       |       |
| 38SG620         | 38SG720          | 20           | 30        | 28.0       | 28.0       |       |
| 38SG621         | 38SG721          | 21           | 30        | 28.0       | 28.0       |       |
| 38SG622         | 38SG722          | 22           | 30        | 30.0       | 30.0       |       |
| 38SG624         | 38SG724          | 24           | 30        | 32.0       | 32.0       |       |
| 38SG625         | 38SG725          | 25           | 32        | 34.0       | 34.0       |       |

SHAPE



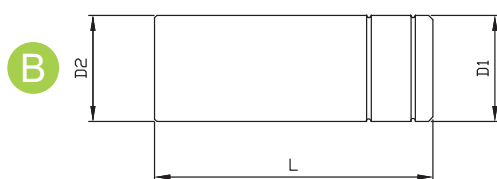
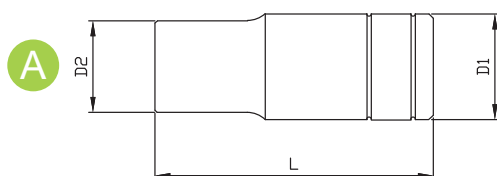
### 3/8"DR. 6PT/12PT SOCKETS(SAE)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(INCH) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|----------------|-----------|------------|------------|-------|
| 38SG806         | 38SG906          | 1/4            | 28        | 17.0       | 10.0       | A     |
| 38SG808         | 38SG908          | 5/16           | 28        | 17.0       | 12.0       |       |
| 38SG810         | 38SG910          | 3/8            | 28        | 17.0       | 14.5       |       |
| 38SG811         | 38SG911          | 7/16           | 28        | 17.0       | 15.7       |       |
| 38SG812         | 38SG912          | 15/32          | 28        | 17.0       | 17.0       |       |
| 38SG813         | 38SG913          | 1/2            | 28        | 18.0       | 18.0       | B     |
| 38SG814         | 38SG914          | 9/16           | 28        | 20.0       | 20.0       |       |
| 38SG816         | 38SG916          | 5/8            | 28        | 22.0       | 22.0       |       |
| 38SG817         | 38SG917          | 11/16          | 30        | 24.0       | 24.0       |       |
| 38SG819         | 38SG919          | 3/4            | 30        | 26.0       | 26.0       |       |
| 38SG821         | 38SG921          | 13/16          | 30        | 28.0       | 28.0       |       |
| 38SG822         | 38SG922          | 7/8            | 30        | 30.0       | 30.0       |       |
| 38SG824         | 38SG924          | 15/16          | 30        | 32.0       | 32.0       |       |
| 38SG825         | 38SG925          | 1"             | 32        | 34.0       | 34.0       |       |

# SOCKETS



SHAPE



## 3/8"DR. 6PT/12PT DEEP SOCKETS(MM)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|--------------|-----------|------------|------------|-------|
| 38SG106         | 38SG206          | 6            | 63        | 17.0       | 10.0       | A     |
| 38SG107         | 38SG207          | 7            | 63        | 17.0       | 11.0       |       |
| 38SG108         | 38SG208          | 8            | 63        | 17.0       | 12.0       |       |
| 38SG109         | 38SG209          | 9            | 63        | 17.0       | 13.0       |       |
| 38SG110         | 38SG210          | 10           | 63        | 17.0       | 14.5       |       |
| 38SG111         | 38SG211          | 11           | 63        | 17.0       | 15.7       |       |
| 38SG112         | 38SG212          | 12           | 63        | 18.0       | 18.0       | B     |
| 38SG113         | 38SG213          | 13           | 63        | 19.0       | 19.0       |       |
| 38SG114         | 38SG214          | 14           | 63        | 20.0       | 20.0       |       |
| 38SG115         | 38SG215          | 15           | 63        | 21.0       | 21.0       |       |
| 38SG116         | 38SG216          | 16           | 63        | 22.0       | 22.0       |       |
| 38SG117         | 38SG217          | 17           | 63        | 24.0       | 24.0       |       |
| 38SG118         | 38SG218          | 18           | 63        | 26.0       | 26.0       |       |
| 38SG119         | 38SG219          | 19           | 63        | 26.0       | 26.0       |       |
| 38SG120         | 38SG220          | 20           | 63        | 28.0       | 28.0       |       |
| 38SG121         | 38SG221          | 21           | 63        | 28.0       | 28.0       |       |
| 38SG122         | 38SG222          | 22           | 63        | 30.0       | 30.0       |       |
| 38SG124         | 38SG224          | 24           | 63        | 32.0       | 32.0       |       |

## 3/8"DR. 6PT/12PT DEEP SOCKETS(SAE)

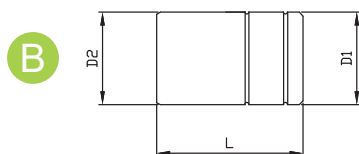
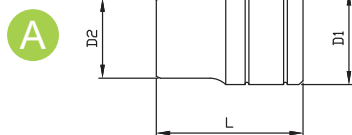
| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(INCH) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|----------------|-----------|------------|------------|-------|
| 38SG306         | 38SG406          | 1/4            | 63        | 17.0       | 10.0       | A     |
| 38SG308         | 38SG408          | 5/16           | 63        | 17.0       | 12.0       |       |
| 38SG310         | 38SG410          | 3/8            | 63        | 17.0       | 14.5       |       |
| 38SG311         | 38SG411          | 7/16           | 63        | 17.0       | 15.7       |       |
| 38SG313         | 38SG413          | 1/2            | 63        | 19.0       | 19.0       | B     |
| 38SG314         | 38SG414          | 9/16           | 63        | 20.0       | 20.0       |       |
| 38SG316         | 38SG416          | 5/8            | 63        | 22.0       | 22.0       |       |
| 38SG317         | 38SG417          | 11/16          | 63        | 24.0       | 24.0       |       |
| 38SG319         | 38SG419          | 3/4            | 63        | 26.0       | 26.0       |       |
| 38SG321         | 38SG421          | 13/16          | 63        | 28.0       | 28.0       |       |
| 38SG322         | 38SG422          | 7/8            | 63        | 30.0       | 30.0       |       |
| 38SG324         | 38SG424          | 15/16          | 63        | 32.0       | 32.0       |       |
| 38SG325         | 38SG425          | 1"             | 63        | 34.0       | 34.0       |       |



## 1/2"DR. 6PT/12PT SOCKETS(MM)



SHAPE



| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|--------------|-----------|------------|------------|-------|
| 12SG608         | 12SG708          | 8            | 38        | 22.0       | 13.2       | A     |
| 12SG609         | 12SG709          | 9            | 38        | 22.0       | 14.0       |       |
| 12SG610         | 12SG710          | 10           | 38        | 22.0       | 15.0       |       |
| 12SG611         | 12SG711          | 11           | 38        | 22.0       | 16.3       |       |
| 12SG612         | 12SG712          | 12           | 38        | 22.0       | 17.6       |       |
| 12SG613         | 12SG713          | 13           | 38        | 22.0       | 18.8       |       |
| 12SG614         | 12SG714          | 14           | 38        | 22.0       | 20.5       |       |
| 12SG615         | 12SG715          | 15           | 38        | 22.0       | 22.0       | B     |
| 12SG616         | 12SG716          | 16           | 38        | 22.0       | 22.0       |       |
| 12SG617         | 12SG717          | 17           | 38        | 24.0       | 24.0       |       |
| 12SG618         | 12SG718          | 18           | 38        | 26.0       | 26.0       |       |
| 12SG619         | 12SG719          | 19           | 38        | 26.0       | 26.0       |       |
| 12SG620         | 12SG720          | 20           | 38        | 28.0       | 28.0       |       |
| 12SG621         | 12SG721          | 21           | 38        | 28.0       | 28.0       |       |
| 12SG622         | 12SG722          | 22           | 38        | 30.0       | 30.0       |       |
| 12SG623         | 12SG723          | 23           | 38        | 32.0       | 32.0       |       |
| 12SG624         | 12SG724          | 24           | 38        | 32.0       | 32.0       |       |
| 12SG625         | 12SG725          | 25           | 42        | 34.0       | 34.0       |       |
| 12SG626         | 12SG726          | 26           | 42        | 34.0       | 34.0       |       |
| 12SG627         | 12SG727          | 27           | 42        | 36.0       | 36.0       |       |
| 12SG628         | 12SG728          | 28           | 42        | 38.0       | 38.0       |       |
| 12SG629         | 12SG729          | 29           | 42        | 38.0       | 38.0       |       |
| 12SG630         | 12SG730          | 30           | 44        | 40.0       | 40.0       |       |
| 12SG632         | 12SG732          | 32           | 44        | 42.0       | 42.0       |       |
| 12SG634         | 12SG734          | 34           | 44        | 44.0       | 44.0       |       |
| 12SG636         | 12SG736          | 36           | 46        | 48.0       | 48.0       |       |

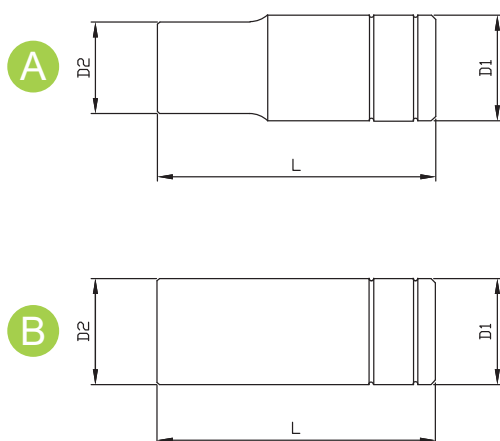
## 1/2"DR. 6PT/12PT SOCKETS(SAE)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(INCH) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|----------------|-----------|------------|------------|-------|
| 12SG808         | 12SG908          | 5/16           | 38        | 22.0       | 13.2       | A     |
| 12SG810         | 12SG910          | 3/8            | 38        | 22.0       | 15.0       |       |
| 12SG811         | 12SG911          | 7/16           | 38        | 22.0       | 16.3       |       |
| 12SG813         | 12SG913          | 1/2            | 38        | 22.0       | 18.8       |       |
| 12SG814         | 12SG914          | 9/16           | 38        | 22.0       | 20.5       |       |
| 12SG816         | 12SG916          | 5/8            | 38        | 22.0       | 22.0       | B     |
| 12SG817         | 12SG917          | 11/16          | 38        | 24.0       | 24.0       |       |
| 12SG819         | 12SG919          | 3/4            | 38        | 26.0       | 26.0       |       |
| 12SG820         | 12SG920          | 25/32          | 38        | 28.0       | 28.0       |       |
| 12SG821         | 12SG921          | 13/16          | 38        | 28.0       | 28.0       |       |
| 12SG822         | 12SG922          | 7/8            | 38        | 30.0       | 30.0       |       |
| 12SG824         | 12SG924          | 15/16          | 38        | 32.0       | 32.0       |       |
| 12SG825         | 12SG925          | 1"             | 42        | 34.0       | 34.0       |       |
| 12SG827         | 12SG927          | 1-1/16         | 42        | 36.0       | 36.0       |       |
| 12SG828         | 12SG928          | 1-1/8          | 42        | 38.0       | 38.0       |       |
| 12SG830         | 12SG930          | 1-3/16         | 44        | 40.0       | 40.0       |       |
| 12SG832         | 12SG932          | 1-1/4          | 44        | 42.0       | 42.0       |       |

# SOCKETS



SHAPE



## 1/2"DR. 6PT/12PT DEEP SOCKETS(MM)

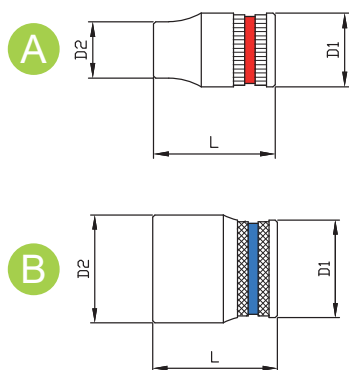
| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|--------------|-----------|------------|------------|-------|
| 12SG108         | 12SG208          | 8            | 77        | 22.0       | 13.2       | A     |
| 12SG109         | 12SG209          | 9            | 77        | 22.0       | 14.0       |       |
| 12SG110         | 12SG210          | 10           | 77        | 22.0       | 15.0       |       |
| 12SG111         | 12SG211          | 11           | 77        | 22.0       | 16.3       |       |
| 12SG112         | 12SG212          | 12           | 77        | 22.0       | 17.6       |       |
| 12SG113         | 12SG213          | 13           | 77        | 22.0       | 18.8       |       |
| 12SG114         | 12SG214          | 14           | 77        | 22.0       | 20.5       |       |
| 12SG115         | 12SG215          | 15           | 77        | 22.0       | 22.0       |       |
| 12SG116         | 12SG216          | 16           | 77        | 22.0       | 22.0       |       |
| 12SG117         | 12SG217          | 17           | 77        | 24.0       | 24.0       |       |
| 12SG118         | 12SG218          | 18           | 77        | 26.0       | 26.0       | B     |
| 12SG119         | 12SG219          | 19           | 77        | 26.0       | 26.0       |       |
| 12SG120         | 12SG220          | 20           | 77        | 28.0       | 28.0       |       |
| 12SG121         | 12SG221          | 21           | 77        | 28.0       | 28.0       |       |
| 12SG122         | 12SG222          | 22           | 77        | 30.0       | 30.0       |       |
| 12SG123         | 12SG223          | 23           | 77        | 32.0       | 32.0       |       |
| 12SG124         | 12SG224          | 24           | 77        | 32.0       | 32.0       |       |
| 12SG125         | 12SG225          | 25           | 77        | 34.0       | 34.0       |       |
| 12SG126         | 12SG226          | 26           | 77        | 34.0       | 34.0       |       |
| 12SG127         | 12SG227          | 27           | 77        | 36.0       | 36.0       |       |
| 12SG128         | 12SG228          | 28           | 77        | 38.0       | 38.0       |       |
| 12SG129         | 12SG229          | 29           | 77        | 38.0       | 38.0       |       |
| 12SG130         | 12SG230          | 30           | 77        | 40.0       | 40.0       |       |
| 12SG132         | 12SG232          | 32           | 77        | 42.0       | 42.0       |       |

## 1/2"DR. 6PT/12PT DEEP SOCKETS(SAE)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(INCH) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|----------------|-----------|------------|------------|-------|
| 12SG308         | 12SG408          | 5/16           | 77        | 22.0       | 13.2       | A     |
| 12SG310         | 12SG410          | 3/8            | 77        | 22.0       | 15.0       |       |
| 12SG311         | 12SG411          | 7/16           | 77        | 22.0       | 16.3       |       |
| 12SG313         | 12SG413          | 1/2            | 77        | 22.0       | 18.8       |       |
| 12SG314         | 12SG414          | 9/16           | 77        | 22.0       | 20.5       |       |
| 12SG316         | 12SG416          | 5/8            | 77        | 22.0       | 22.0       | B     |
| 12SG317         | 12SG417          | 11/16          | 77        | 24.0       | 24.0       |       |
| 12SG319         | 12SG419          | 3/4            | 77        | 26.0       | 26.0       |       |
| 12SG321         | 12SG421          | 13/16          | 77        | 28.0       | 28.0       |       |
| 12SG322         | 12SG422          | 7/8            | 77        | 30.0       | 30.0       |       |
| 12SG324         | 12SG424          | 15/16          | 77        | 32.0       | 32.0       |       |
| 12SG325         | 12SG425          | 1"             | 77        | 34.0       | 34.0       |       |
| 12SG327         | 12SG427          | 1-1/16         | 77        | 36.0       | 36.0       |       |
| 12SG328         | 12SG428          | 1-1/8          | 77        | 38.0       | 38.0       |       |
| 12SG330         | 12SG430          | 1-3/16         | 77        | 40.0       | 40.0       |       |
| 12SG332         | 12SG432          | 1-1/4          | 77        | 42.0       | 42.0       |       |



### SHAPE



## 1/4"DR. 6PT/12PT SOCKETS(MM)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|--------------|-----------|------------|------------|-------|
| 14SR604         | 14SR704          | 4            | 25        | 12.0       | 6.8        | A     |
| 14SR645         | 14SR745          | 4.5          | 25        | 12.0       | 7.0        |       |
| 14SR605         | 14SR705          | 5            | 25        | 12.0       | 8.0        |       |
| 14SR655         | 14SR755          | 5.5          | 25        | 12.0       | 8.3        |       |
| 14SR606         | 14SR706          | 6            | 25        | 12.0       | 9.3        |       |
| 14SR607         | 14SR707          | 7            | 25        | 12.0       | 10.5       |       |
| 14SR608         | 14SR708          | 8            | 25        | 11.2       | 12.0       | B     |
| 14SR609         | 14SR709          | 9            | 25        | 12.0       | 13.0       |       |
| 14SR610         | 14SR710          | 10           | 25        | 12.5       | 14.0       |       |
| 14SR611         | 14SR711          | 11           | 25        | 14.0       | 16.0       |       |
| 14SR612         | 14SR712          | 12           | 25        | 15.0       | 17.0       |       |
| 14SR613         | 14SR713          | 13           | 25        | 16.0       | 18.0       |       |
| 14SR614         | 14SR714          | 14           | 25        | 17.0       | 20.0       |       |

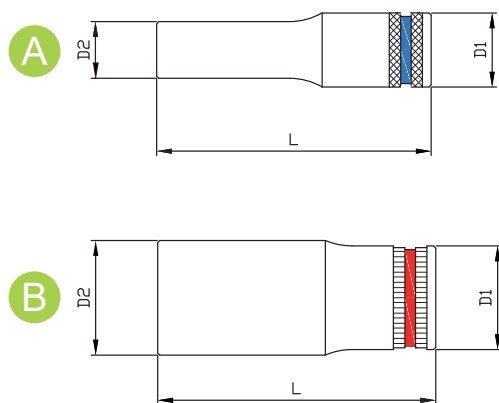
## 1/4"DR. 6PT/12PT SOCKETS(SAE)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(INCH) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|----------------|-----------|------------|------------|-------|
| 14SR804         | 14SR904          | 5/32           | 25        | 12.0       | 6.8        | A     |
| 14SR805         | 14SR905          | 3/16           | 25        | 12.0       | 8.0        |       |
| 14SR855         | 14SR955          | 7/32           | 25        | 12.0       | 8.3        |       |
| 14SR806         | 14SR906          | 1/4            | 25        | 12.0       | 9.3        |       |
| 14SR807         | 14SR907          | 9/32           | 25        | 12.0       | 10.5       |       |
| 14SR808         | 14SR908          | 5/16           | 25        | 11.2       | 12.0       | B     |
| 14SR809         | 14SR909          | 11/32          | 25        | 12.0       | 13.0       |       |
| 14SR810         | 14SR910          | 3/8            | 25        | 12.5       | 14.0       |       |
| 14SR811         | 14SR911          | 7/16           | 25        | 14.0       | 16.0       |       |
| 14SR813         | 14SR913          | 1/2            | 25        | 16.0       | 18.0       |       |
| 14SR814         | 14SR914          | 9/16           | 25        | 17.0       | 20.0       |       |

# SOCKETS



SHAPE



## 1/4"DR. 6PT/12PT DEEP SOCKETS(MM)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|--------------|-----------|------------|------------|-------|
| 14SR104         | 14SR204          | 4            | 50        | 12.0       | 6.8        | A     |
| 14SR145         | 14SR245          | 4.5          | 50        | 12.0       | 7.0        |       |
| 14SR105         | 14SR205          | 5            | 50        | 12.0       | 8.0        |       |
| 14SR155         | 14SR255          | 5.5          | 50        | 12.0       | 8.3        |       |
| 14SR106         | 14SR206          | 6            | 50        | 12.0       | 9.3        |       |
| 14SR107         | 14SR207          | 7            | 50        | 12.0       | 10.5       |       |
| 14SR108         | 14SR208          | 8            | 50        | 11.2       | 12.0       | B     |
| 14SR109         | 14SR209          | 9            | 50        | 12.0       | 13.0       |       |
| 14SR110         | 14SR210          | 10           | 50        | 12.5       | 14.0       |       |
| 14SR111         | 14SR211          | 11           | 50        | 14.0       | 16.0       |       |
| 14SR112         | 14SR212          | 12           | 50        | 15.0       | 17.0       |       |
| 14SR113         | 14SR213          | 13           | 50        | 16.0       | 18.0       |       |
| 14SR114         | 14SR214          | 14           | 50        | 17.0       | 20.0       |       |

## 1/4"DR. 6PT/12PT DEEP SOCKETS(SAE)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(INCH) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|----------------|-----------|------------|------------|-------|
| 14SR304         | 14SR404          | 5/32           | 50        | 12.0       | 6.8        | A     |
| 14SR305         | 14SR405          | 3/16           | 50        | 12.0       | 8.0        |       |
| 14SR355         | 14SR455          | 7/32           | 50        | 12.0       | 8.3        |       |
| 14SR306         | 14SR406          | 1/4            | 50        | 12.0       | 9.3        |       |
| 14SR307         | 14SR407          | 9/32           | 50        | 12.0       | 10.5       |       |
| 14SR308         | 14SR408          | 5/16           | 50        | 11.2       | 12.0       | B     |
| 14SR309         | 14SR409          | 11/32          | 50        | 12.0       | 13.0       |       |
| 14SR310         | 14SR410          | 3/8            | 50        | 12.5       | 14.0       |       |
| 14SR311         | 14SR411          | 7/16           | 50        | 14.0       | 16.0       |       |
| 14SR313         | 14SR413          | 1/2            | 50        | 16.0       | 18.0       |       |
| 14SR314         | 14SR414          | 9/16           | 50        | 17.0       | 20.0       |       |

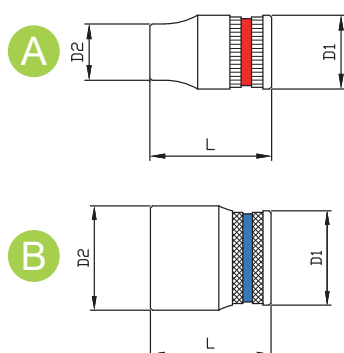




### 3/8"DR. 6PT/12PT SOCKETS(MM)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|--------------|-----------|------------|------------|-------|
| 38SR606         | 38SR706          | 6            | 28        | 17.0       | 10.0       | A     |
| 38SR607         | 38SR707          | 7            | 28        | 17.0       | 11.0       |       |
| 38SR608         | 38SR708          | 8            | 28        | 17.0       | 12.0       |       |
| 38SR609         | 38SR709          | 9            | 28        | 17.0       | 13.0       |       |
| 38SR610         | 38SR710          | 10           | 28        | 17.0       | 14.5       |       |
| 38SR611         | 38SR711          | 11           | 28        | 17.0       | 15.8       |       |
| 38SR612         | 38SR712          | 12           | 28        | 16.0       | 17.0       | B     |
| 38SR613         | 38SR713          | 13           | 28        | 17.0       | 18.0       |       |
| 38SR614         | 38SR714          | 14           | 28        | 18.0       | 20.0       |       |
| 38SR615         | 38SR715          | 15           | 28        | 19.0       | 21.0       |       |
| 38SR616         | 38SR716          | 16           | 28        | 20.0       | 22.0       |       |
| 38SR617         | 38SR717          | 17           | 30        | 22.0       | 24.0       |       |
| 38SR618         | 38SR718          | 18           | 30        | 23.0       | 25.0       |       |
| 38SR619         | 38SR719          | 19           | 30        | 24.0       | 26.0       |       |
| 38SR620         | 38SR720          | 20           | 30        | 25.0       | 28.0       |       |
| 38SR621         | 38SR721          | 21           | 30        | 26.0       | 28.0       |       |
| 38SR622         | 38SR722          | 22           | 30        | 28.0       | 30.0       |       |

#### SHAPE



### 3/8"DR. 6PT/12PT SOCKETS(SAE)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(INCH) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|----------------|-----------|------------|------------|-------|
| 38SR806         | 38SR906          | 1/4            | 28        | 17.0       | 10.0       | A     |
| 38SR807         | 38SR907          | 9/32           | 28        | 17.0       | 11.0       |       |
| 38SR808         | 38SR908          | 5/16           | 28        | 17.0       | 12.0       |       |
| 38SR809         | 38SR909          | 11/32          | 28        | 17.0       | 13.0       |       |
| 38SR810         | 38SR910          | 3/8            | 28        | 17.0       | 14.5       |       |
| 38SR811         | 38SR911          | 7/16           | 28        | 17.0       | 15.8       |       |
| 38SR813         | 38SR913          | 1/2            | 28        | 17.0       | 18.0       | B     |
| 38SR814         | 38SR914          | 9/16           | 28        | 18.0       | 20.0       |       |
| 38SR816         | 38SR916          | 5/8            | 28        | 20.0       | 22.0       |       |
| 38SR817         | 38SR917          | 11/16          | 30        | 22.0       | 24.0       |       |
| 38SR819         | 38SR919          | 3/4            | 30        | 24.0       | 26.0       |       |
| 38SR821         | 38SR921          | 13/16          | 30        | 26.0       | 28.0       |       |
| 38SR822         | 38SR922          | 7/8            | 30        | 28.0       | 30.0       |       |

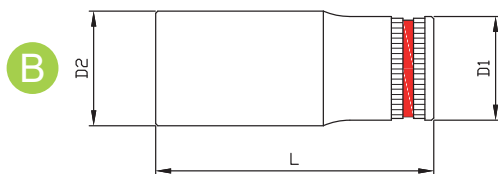
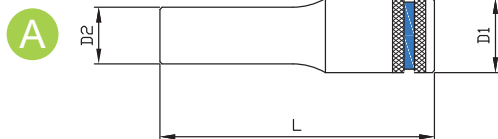
# SOCKETS



## 3/8"DR. 6PT/12PT DEEP SOCKETS(MM)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|--------------|-----------|------------|------------|-------|
| 38SR106         | 38SR206          | 6            | 63        | 17.0       | 10.0       | A     |
| 38SR107         | 38SR207          | 7            | 63        | 17.0       | 11.0       |       |
| 38SR108         | 38SR208          | 8            | 63        | 17.0       | 12.0       |       |
| 38SR109         | 38SR209          | 9            | 63        | 17.0       | 13.0       |       |
| 38SR110         | 38SR210          | 10           | 63        | 17.0       | 14.5       |       |
| 38SR111         | 38SR211          | 11           | 63        | 17.0       | 15.8       |       |
| 38SR112         | 38SR212          | 12           | 63        | 17.0       | 18.0       | B     |
| 38SR113         | 38SR213          | 13           | 63        | 18.0       | 19.0       |       |
| 38SR114         | 38SR214          | 14           | 63        | 18.0       | 20.0       |       |
| 38SR115         | 38SR215          | 15           | 63        | 19.0       | 21.0       |       |
| 38SR116         | 38SR216          | 16           | 63        | 20.0       | 22.0       |       |
| 38SR117         | 38SR217          | 17           | 63        | 22.0       | 24.0       |       |
| 38SR118         | 38SR218          | 18           | 63        | 23.0       | 25.0       |       |
| 38SR119         | 38SR219          | 19           | 63        | 24.0       | 26.0       |       |
| 38SR120         | 38SR220          | 20           | 63        | 25.0       | 28.0       |       |
| 38SR121         | 38SR221          | 21           | 63        | 26.0       | 28.0       |       |
| 38SR122         | 38SR222          | 22           | 63        | 28.0       | 30.0       |       |

SHAPE



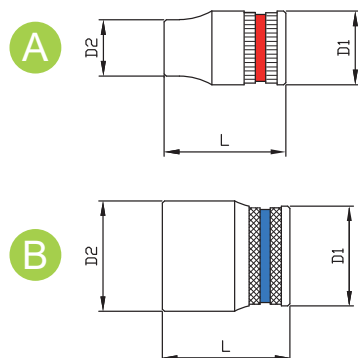
## 3/8"DR. 6PT/12PT DEEP SOCKETS(SAE)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(INCH) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|----------------|-----------|------------|------------|-------|
| 38SR306         | 38SR406          | 1/4            | 63        | 17.0       | 10.0       | A     |
| 38SR307         | 38SR407          | 9/32           | 63        | 17.0       | 11.0       |       |
| 38SR308         | 38SR408          | 5/16           | 63        | 17.0       | 12.0       |       |
| 38SR310         | 38SR410          | 3/8            | 63        | 17.0       | 14.5       |       |
| 38SR311         | 38SR411          | 7/16           | 63        | 17.0       | 15.8       |       |
| 38SR313         | 38SR413          | 1/2            | 63        | 18.0       | 19.0       | B     |
| 38SR314         | 38SR414          | 9/16           | 63        | 18.0       | 20.0       |       |
| 38SR316         | 38SR416          | 5/8            | 63        | 20.0       | 22.0       |       |
| 38SR317         | 38SR417          | 11/16          | 63        | 22.0       | 24.0       |       |
| 38SR319         | 38SR419          | 3/4            | 63        | 24.0       | 26.0       |       |
| 38SR321         | 38SR421          | 13/16          | 63        | 26.0       | 28.0       |       |
| 38SR322         | 38SR422          | 7/8            | 63        | 28.0       | 30.0       |       |

## 1/2"DR. 6PT/12PT SOCKETS(MM)



SHAPE



| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|--------------|-----------|------------|------------|-------|
| 12SR608         | 12SR708          | 8            | 38        | 22.0       | 13.2       | A     |
| 12SR609         | 12SR709          | 9            | 38        | 22.0       | 14.0       |       |
| 12SR610         | 12SR710          | 10           | 38        | 22.0       | 15.0       |       |
| 12SR611         | 12SR711          | 11           | 38        | 22.0       | 16.3       |       |
| 12SR612         | 12SR712          | 12           | 38        | 22.0       | 17.6       |       |
| 12SR613         | 12SR713          | 13           | 38        | 22.0       | 18.8       |       |
| 12SR614         | 12SR714          | 14           | 38        | 22.0       | 20.5       |       |
| 12SR615         | 12SR715          | 15           | 38        | 21.0       | 22.0       | B     |
| 12SR616         | 12SR716          | 16           | 38        | 21.0       | 22.0       |       |
| 12SR617         | 12SR717          | 17           | 38        | 22.0       | 24.0       |       |
| 12SR618         | 12SR718          | 18           | 38        | 23.0       | 25.0       |       |
| 12SR619         | 12SR719          | 19           | 38        | 23.5       | 26.0       |       |
| 12SR620         | 12SR720          | 20           | 38        | 24.0       | 28.0       |       |
| 12SR621         | 12SR721          | 21           | 38        | 25.0       | 28.0       |       |
| 12SR622         | 12SR722          | 22           | 38        | 26.0       | 30.0       |       |
| 12SR623         | 12SR723          | 23           | 38        | 28.0       | 32.0       |       |
| 12SR624         | 12SR724          | 24           | 38        | 28.0       | 32.0       |       |
| 12SR625         | 12SR725          | 25           | 42        | 30.0       | 34.0       |       |
| 12SR626         | 12SR726          | 26           | 42        | 30.0       | 34.0       |       |
| 12SR627         | 12SR727          | 27           | 42        | 30.0       | 36.0       |       |
| 12SR628         | 12SR728          | 28           | 42        | 32.0       | 38.0       |       |
| 12SR629         | 12SR729          | 29           | 42        | 32.0       | 38.0       |       |
| 12SR630         | 12SR730          | 30           | 44        | 34.0       | 40.0       |       |
| 12SR632         | 12SR732          | 32           | 44        | 36.0       | 42.0       |       |

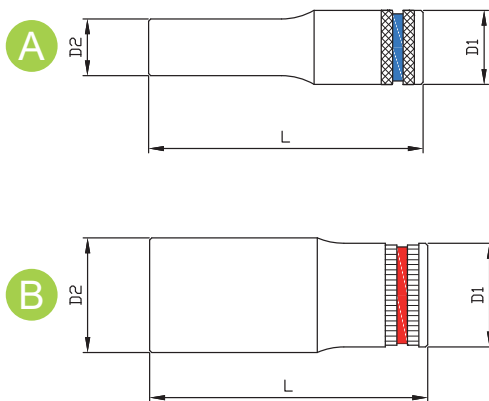
## 1/2"DR. 6PT/12PT SOCKETS(SAE)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(INCH) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|----------------|-----------|------------|------------|-------|
| 12SR808         | 12SR908          | 5/16           | 38        | 22.0       | 13.2       | A     |
| 12SR810         | 12SR910          | 3/8            | 38        | 22.0       | 15.0       |       |
| 12SR811         | 12SR911          | 7/16           | 38        | 22.0       | 16.3       |       |
| 12SR813         | 12SR913          | 1/2            | 38        | 22.0       | 18.8       |       |
| 12SR814         | 12SR914          | 9/16           | 38        | 22.0       | 20.5       |       |
| 12SR816         | 12SR916          | 5/8            | 38        | 21.0       | 22.0       | B     |
| 12SR817         | 12SR917          | 11/16          | 38        | 22.0       | 24.0       |       |
| 12SR819         | 12SR919          | 3/4            | 38        | 23.5       | 26.0       |       |
| 12SR821         | 12SR921          | 13/16          | 38        | 25.0       | 28.0       |       |
| 12SR822         | 12SR922          | 7/8            | 38        | 26.0       | 30.0       |       |
| 12SR824         | 12SR924          | 15/16          | 38        | 28.0       | 32.0       |       |
| 12SR825         | 12SR925          | 1"             | 42        | 30.0       | 34.0       |       |
| 12SR827         | 12SR927          | 1-1/16         | 42        | 30.0       | 36.0       |       |
| 12SR828         | 12SR928          | 1-1/8          | 42        | 32.0       | 38.0       |       |
| 12SR830         | 12SR930          | 1-3/16         | 44        | 34.0       | 40.0       |       |
| 12SR832         | 12SR932          | 1-1/4          | 44        | 36.0       | 42.0       |       |

# SOCKETS



SHAPE



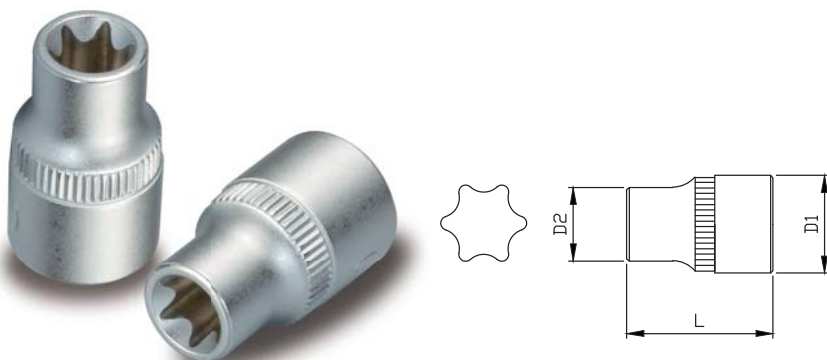
## 1/2"DR. 6PT/12PT DEEP SOCKETS(MM)

| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|--------------|-----------|------------|------------|-------|
| 12SR108         | 12SR208          | 8            | 77        | 22.0       | 13.2       | A     |
| 12SR109         | 12SR209          | 9            | 77        | 22.0       | 14.0       |       |
| 12SR110         | 12SR210          | 10           | 77        | 22.0       | 15.0       |       |
| 12SR111         | 12SR211          | 11           | 77        | 22.0       | 16.3       |       |
| 12SR112         | 12SR212          | 12           | 77        | 22.0       | 17.6       |       |
| 12SR113         | 12SR213          | 13           | 77        | 22.0       | 18.8       |       |
| 12SR114         | 12SR214          | 14           | 77        | 22.0       | 20.5       |       |
| 12SR115         | 12SR215          | 15           | 77        | 21.0       | 22.0       | B     |
| 12SR116         | 12SR216          | 16           | 77        | 21.0       | 22.0       |       |
| 12SR117         | 12SR217          | 17           | 77        | 22.0       | 24.0       |       |
| 12SR118         | 12SR218          | 18           | 77        | 23.0       | 25.0       |       |
| 12SR119         | 12SR219          | 19           | 77        | 23.5       | 26.0       |       |
| 12SR120         | 12SR220          | 20           | 77        | 24.0       | 28.0       |       |
| 12SR121         | 12SR221          | 21           | 77        | 25.0       | 28.0       |       |
| 12SR122         | 12SR222          | 22           | 77        | 26.0       | 30.0       |       |
| 12SR123         | 12SR223          | 23           | 77        | 28.0       | 32.0       |       |
| 12SR124         | 12SR224          | 24           | 77        | 28.0       | 32.0       |       |
| 12SR125         | 12SR225          | 25           | 77        | 30.0       | 34.0       |       |
| 12SR126         | 12SR226          | 26           | 77        | 30.0       | 34.0       |       |
| 12SR127         | 12SR227          | 27           | 77        | 30.0       | 36.0       |       |
| 12SR128         | 12SR228          | 28           | 77        | 32.0       | 38.0       |       |
| 12SR129         | 12SR229          | 29           | 77        | 32.0       | 38.0       |       |
| 12SR130         | 12SR230          | 30           | 77        | 34.0       | 40.0       |       |
| 12SR132         | 12SR232          | 32           | 77        | 36.0       | 42.0       |       |

## 1/2"DR. 6PT/12PT DEEP SOCKETS(SAE)

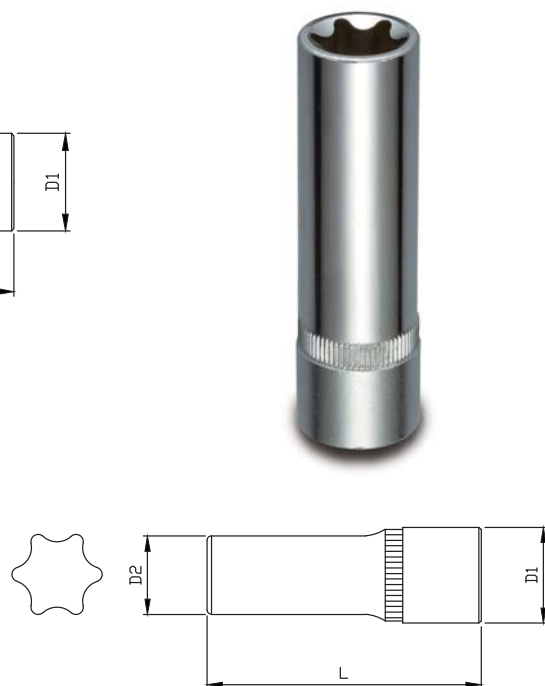
| 6PT<br>ITEM NO. | 12PT<br>ITEM NO. | SIZE<br>(INCH) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) | SHAPE |
|-----------------|------------------|----------------|-----------|------------|------------|-------|
| 12SR108         | 12SR208          | 5/16           | 77        | 22.0       | 13.2       | A     |
| 12SR110         | 12SR210          | 3/8            | 77        | 22.0       | 15.0       |       |
| 12SR111         | 12SR211          | 7/16           | 77        | 22.0       | 16.3       |       |
| 12SR113         | 12SR213          | 1/2            | 77        | 22.0       | 18.8       |       |
| 12SR114         | 12SR214          | 9/16           | 77        | 22.0       | 20.5       |       |
| 12SR116         | 12SR216          | 5/8            | 77        | 21.0       | 22.0       | B     |
| 12SR117         | 12SR217          | 11/16          | 77        | 22.0       | 24.0       |       |
| 12SR119         | 12SR219          | 3/4            | 77        | 23.5       | 26.0       |       |
| 12SR121         | 12SR221          | 13/16          | 77        | 25.0       | 28.0       |       |
| 12SR122         | 12SR222          | 7/8            | 77        | 26.0       | 30.0       |       |
| 12SR124         | 12SR224          | 15/16          | 77        | 28.0       | 32.0       |       |
| 12SR125         | 12SR225          | 1"             | 77        | 30.0       | 34.0       |       |
| 12SR127         | 12SR227          | 1-1/16         | 77        | 30.0       | 36.0       |       |
| 12SR128         | 12SR228          | 1-1/8          | 77        | 32.0       | 38.0       |       |
| 12SR130         | 12SR230          | 1-3/16         | 77        | 34.0       | 40.0       |       |
| 12SR132         | 12SR232          | 1-1/4          | 77        | 36.0       | 42.0       |       |





## 1/4"DR. STAR SOCKETS

| ITEM NO. | SIZE | L<br>(MM) | D1<br>(MM) | D2<br>(MM) |
|----------|------|-----------|------------|------------|
| 14SS604  | E4   | 25        | 12.0       | 6.2        |
| 14SS605  | E5   | 25        | 12.0       | 7.2        |
| 14SS606  | E6   | 25        | 12.0       | 8.2        |
| 14SS607  | E7   | 25        | 12.0       | 9.0        |
| 14SS608  | E8   | 25        | 12.0       | 10.3       |
| 14SS610  | E10  | 25        | 13.7       | 12.5       |



## 3/8"DR. STAR SOCKETS

| ITEM NO. | SIZE | L<br>(MM) | D1<br>(MM) | D2<br>(MM) |
|----------|------|-----------|------------|------------|
| 38SS605  | E5   | 28        | 17.0       | 8.3        |
| 38SS606  | E6   | 28        | 17.0       | 9.3        |
| 38SS607  | E7   | 28        | 17.0       | 9.8        |
| 38SS608  | E8   | 28        | 17.0       | 11.2       |
| 38SS610  | E10  | 28        | 17.0       | 13.2       |
| 38SS611  | E11  | 28        | 17.0       | 13.8       |
| 38SS612  | E12  | 28        | 17.0       | 14.8       |
| 38SS614  | E14  | 28        | 18.0       | 16.8       |
| 38SS616  | E16  | 28        | 20.0       | 18.8       |
| 38SS618  | E18  | 28        | 22.0       | 20.8       |
| 38SS620  | E20  | 28        | 24.0       | 22.8       |

## 3/8"DR. STAR DEEP SOCKETS

| ITEM NO. | SIZE | L<br>(MM) | D1<br>(MM) | D2<br>(MM) |
|----------|------|-----------|------------|------------|
| 38SS804  | E4   | 63        | 17.0       | 7.3        |
| 38SS805  | E5   | 63        | 17.0       | 8.3        |
| 38SS806  | E6   | 63        | 17.0       | 9.3        |
| 38SS807  | E7   | 63        | 17.0       | 9.8        |
| 38SS808  | E8   | 63        | 17.0       | 11.2       |
| 38SS810  | E10  | 63        | 17.0       | 13.2       |
| 38SS811  | E11  | 63        | 17.0       | 13.8       |
| 38SS812  | E12  | 63        | 17.0       | 14.8       |
| 38SS814  | E14  | 63        | 18.0       | 16.8       |
| 38SS816  | E16  | 63        | 20.0       | 18.8       |
| 38SS818  | E18  | 63        | 22.0       | 20.8       |

## 1/2"DR. STAR SOCKETS

| ITEM NO. | SIZE | L<br>(MM) | D1<br>(MM) | D2<br>(MM) |
|----------|------|-----------|------------|------------|
| 12SS610  | E10  | 38        | 22.0       | 13.2       |
| 12SS611  | E11  | 38        | 22.0       | 14.0       |
| 12SS612  | E12  | 38        | 22.0       | 15.0       |
| 12SS614  | E14  | 38        | 22.0       | 16.7       |
| 12SS616  | E16  | 38        | 22.0       | 18.8       |
| 12SS618  | E18  | 38        | 22.0       | 20.8       |
| 12SS620  | E20  | 38        | 24.0       | 23.0       |
| 12SS622  | E22  | 38        | 26.0       | 25.0       |
| 12SS624  | E24  | 38        | 28.0       | 27.0       |

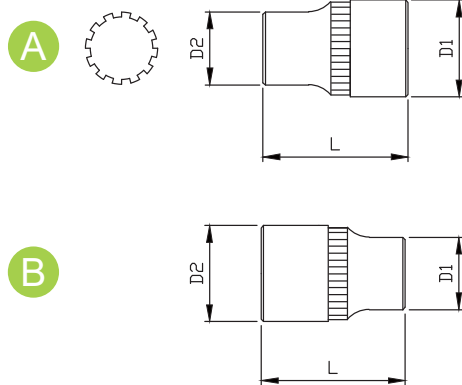
## 1/2"DR. STAR DEEP SOCKETS

| ITEM NO. | SIZE | L<br>(MM) | D1<br>(MM) | D2<br>(MM) |
|----------|------|-----------|------------|------------|
| 12SS810  | E10  | 77        | 22.0       | 13.2       |
| 12SS811  | E11  | 77        | 22.0       | 14.0       |
| 12SS812  | E12  | 77        | 22.0       | 15.0       |
| 12SS814  | E14  | 77        | 22.0       | 16.7       |
| 12SS816  | E16  | 77        | 22.0       | 18.8       |
| 12SS818  | E18  | 77        | 22.0       | 20.8       |
| 12SS820  | E20  | 77        | 24.0       | 23.0       |
| 12SS822  | E22  | 77        | 26.0       | 25.0       |
| 12SS824  | E24  | 77        | 28.0       | 27.0       |

# SPLINE SOCKETS



SHAPE



## 1/4"DR. SPLINE SOCKETS(MM)

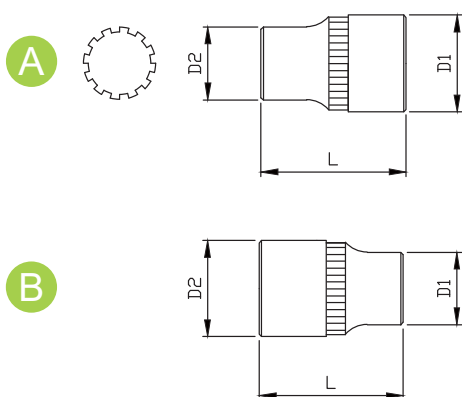
| ITEM NO. | SIZE (MM) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-----------|--------|---------|---------|-------|
| 14ST704  | 4         | 25     | 12.0    | 6.8     | A     |
| 14ST745  | 4.5       | 25     | 12.0    | 7.0     |       |
| 14ST705  | 5         | 25     | 12.0    | 8.0     |       |
| 14ST755  | 5.5       | 25     | 12.0    | 8.3     |       |
| 14ST706  | 6         | 25     | 12.0    | 9.3     |       |
| 14ST707  | 7         | 25     | 13.0    | 10.5    |       |
| 14ST708  | 8         | 25     | 12.0    | 13.0    | B     |
| 14ST709  | 9         | 25     | 13.0    | 14.0    |       |
| 14ST710  | 10        | 25     | 14.0    | 16.0    |       |
| 14ST711  | 11        | 25     | 14.0    | 17.0    |       |
| 14ST712  | 12        | 25     | 15.0    | 18.0    |       |
| 14ST713  | 13        | 25     | 16.0    | 20.0    |       |
| 14ST714  | 14        | 25     | 17.0    | 22.0    |       |

## 1/2"DR. SPLINE SOCKETS(MM)

| ITEM NO. | SIZE (MM) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-----------|--------|---------|---------|-------|
| 12ST708  | 8         | 38     | 22.0    | 13.2    | A     |
| 12ST709  | 9         | 38     | 22.0    | 14.0    |       |
| 12ST710  | 10        | 38     | 22.0    | 15.0    |       |
| 12ST711  | 11        | 38     | 22.0    | 16.3    |       |
| 12ST712  | 12        | 38     | 22.0    | 17.6    |       |
| 12ST713  | 13        | 38     | 22.0    | 18.8    |       |
| 12ST714  | 14        | 38     | 22.0    | 20.5    |       |
| 12ST715  | 15        | 38     | 21.0    | 24.0    | B     |
| 12ST716  | 16        | 38     | 21.0    | 24.0    |       |
| 12ST717  | 17        | 38     | 22.0    | 24.0    |       |
| 12ST718  | 18        | 38     | 23.0    | 26.0    |       |
| 12ST719  | 19        | 38     | 23.5    | 26.0    |       |
| 12ST720  | 20        | 38     | 24.0    | 28.0    |       |
| 12ST721  | 21        | 38     | 26.0    | 30.0    |       |
| 12ST722  | 22        | 38     | 26.0    | 30.0    |       |
| 12ST724  | 24        | 41     | 28.0    | 32.0    |       |
| 12ST727  | 27        | 43     | 30.0    | 36.0    |       |
| 12ST730  | 30        | 45     | 34.0    | 40.0    |       |
| 12ST732  | 32        | 45     | 36.0    | 42.0    |       |



SHAPE



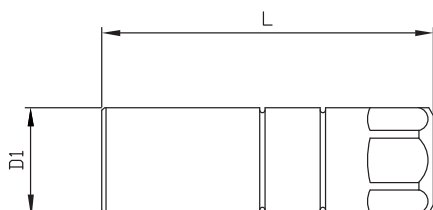
### 3/8"DR. SPLINE SOCKETS(MM)

| ITEM NO. | SIZE (MM) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-----------|--------|---------|---------|-------|
| 38ST706  | 6         | 28     | 17.0    | 10.0    | A     |
| 38ST708  | 8         | 28     | 17.0    | 12.0    |       |
| 38ST709  | 9         | 28     | 17.0    | 13.0    |       |
| 38ST710  | 10        | 28     | 17.0    | 14.5    |       |
| 38ST711  | 11        | 28     | 17.0    | 15.8    |       |
| 38ST712  | 12        | 28     | 17.0    | 18.0    | B     |
| 38ST713  | 13        | 28     | 18.0    | 19.0    |       |
| 38ST714  | 14        | 28     | 18.0    | 20.0    |       |
| 38ST715  | 15        | 28     | 19.0    | 22.0    |       |
| 38ST716  | 16        | 28     | 22.0    | 24.0    |       |
| 38ST717  | 17        | 30     | 22.0    | 24.0    |       |
| 38ST718  | 18        | 30     | 23.0    | 25.0    |       |
| 38ST719  | 19        | 30     | 24.0    | 26.0    |       |
| 38ST720  | 20        | 30     | 25.0    | 28.0    |       |
| 38ST721  | 21        | 30     | 26.0    | 30.0    |       |
| 38ST722  | 22        | 32     | 28.0    | 32.0    |       |

### 3/8"DR. SPLINE SOCKETS(SAE)

| ITEM NO. | SIZE (INCH) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-------------|--------|---------|---------|-------|
| 38ST906  | 1/4         | 28     | 17.0    | 10.0    | A     |
| 38ST907  | 9/32        | 28     | 17.0    | 11.0    |       |
| 38ST908  | 5/16        | 28     | 17.0    | 12.0    |       |
| 38ST910  | 3/8         | 28     | 17.0    | 14.5    |       |
| 38ST911  | 7/16        | 28     | 17.0    | 15.8    |       |
| 38ST913  | 1/2         | 28     | 18.0    | 19.0    | B     |
| 38ST914  | 9/16        | 28     | 18.0    | 20.0    |       |
| 38ST916  | 5/8         | 28     | 22.0    | 24.0    |       |
| 38ST917  | 11/16       | 30     | 22.0    | 24.0    |       |
| 38ST919  | 3/4         | 30     | 24.0    | 26.0    |       |

# SPARK PLUG SOCKETS

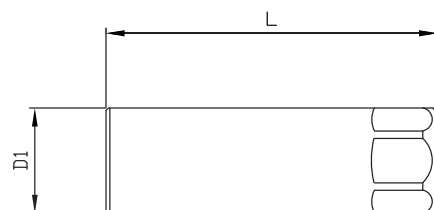


## 3/8"DR. 6PT SPARK PLUG SOCKETS

| TYPE A<br>ITEM NO. | TYPE B<br>ITEM NO. | TYPE C<br>ITEM NO. | SIZE  | L<br>(MM) | D1<br>(MM) |
|--------------------|--------------------|--------------------|-------|-----------|------------|
| 38SP114            | 38SP214            | 38SP314            | 14    | 63        | 20.0       |
| 38SP116            | 38SP216            | 38SP316            | 16    | 65        | 22.0       |
| 38SP118            | 38SP218            | 38SP318            | 18    | 65        | 26.0       |
| 38SP119            | 38SP219            | 38SP319            | 19    | 65        | 26.0       |
| 38SP121            | 38SP221            | 38SP321            | 21    | 65        | 28.0       |
| 38SP414            | 38SP514            | 38SP614            | 9/16  | 63        | 20.0       |
| 38SP416            | 38SP516            | 38SP616            | 5/8   | 65        | 22.0       |
| 38SP419            | 38SP519            | 38SP619            | 3/4   | 65        | 26.0       |
| 38SP421            | 38SP521            | 38SP621            | 13/16 | 65        | 28.0       |

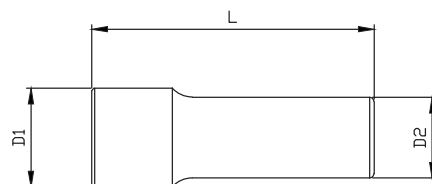
## 1/2"DR. 6PT SPARK PLUG SOCKETS

| TYPE A<br>ITEM NO. | TYPE B<br>ITEM NO. | TYPE C<br>ITEM NO. | SIZE  | L<br>(MM) | D1<br>(MM) |
|--------------------|--------------------|--------------------|-------|-----------|------------|
| 12SP116            | 12SP216            | 12SP316            | 16    | 65        | 22.0       |
| 12SP121            | 12SP221            | 12SP321            | 21    | 65        | 28.0       |
| 12SP416            | 12SP516            | 12SP616            | 5/8   | 65        | 22.0       |
| 12SP421            | 12SP521            | 12SP621            | 13/16 | 65        | 28.0       |



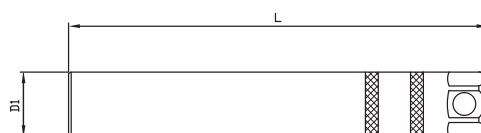
## 3/8"DR. 12PT THIN WALL SPARK PLUG SOCKET

| ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) |
|----------|--------------|-----------|------------|
| 38SP914  | 14           | 63        | 18.5       |



## 1/2"DR. 12PT THIN WALL SPARK PLUG SOCKET

| ITEM NO. | SIZE<br>(MM) | L<br>(MM) | D1<br>(MM) | D2<br>(MM) |
|----------|--------------|-----------|------------|------------|
| 12SP914  | 14           | 65        | 22.0       | 18.5       |



## 3/8"DR. 6PT LONG SPARK PLUG SOCKET

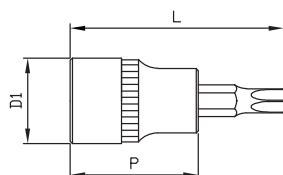
| ITEM NO. | SIZE<br>(INCH) | L<br>(MM) | D1<br>(MM) |
|----------|----------------|-----------|------------|
| 38SP716  | 5/8            | 130       | 22.0       |



STAR



STAR TAMPERPROOF



## 1/4"DR. STAR & STAR TAMPERPROOF BIT SOCKETS

| STAR<br>ITEM NO. | STAR TAMPERPROOF<br>ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|------------------|------------------------------|------|-----------|-----------|------------|
| 14TT08           | 14TH08                       | T8   | 37        | 22        | 12         |
| 14TT09           | 14TH09                       | T9   | 37        | 22        | 12         |
| 14TT10           | 14TH10                       | T10  | 37        | 22        | 12         |
| 14TT15           | 14TH15                       | T15  | 37        | 22        | 12         |
| 14TT20           | 14TH20                       | T20  | 37        | 22        | 12         |
| 14TT25           | 14TH25                       | T25  | 37        | 22        | 12         |
| 14TT27           | 14TH27                       | T27  | 37        | 22        | 12         |
| 14TT30           | 14TH30                       | T30  | 37        | 22        | 12         |
| 14TT40           | 14TH40                       | T40  | 37        | 22        | 12         |

## 3/8"DR. STAR & STAR TAMPERPROOF BIT SOCKETS

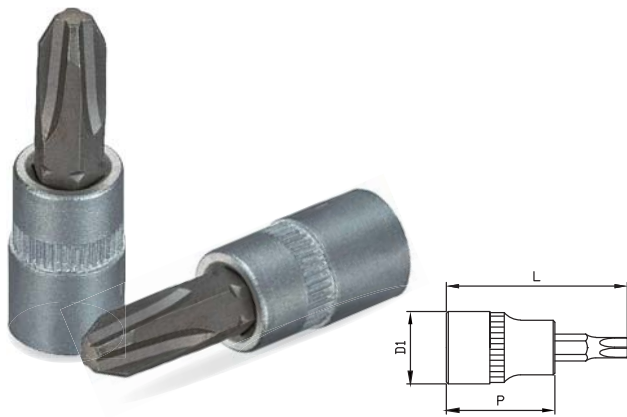
| STAR<br>ITEM NO. | STAR TAMPERPROOF<br>ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|------------------|------------------------------|------|-----------|-----------|------------|
| 38TT10           | 38TH10                       | T10  | 48        | 30        | 18         |
| 38TT15           | 38TH15                       | T15  | 48        | 30        | 18         |
| 38TT20           | 38TH20                       | T20  | 48        | 30        | 18         |
| 38TT25           | 38TH25                       | T25  | 48        | 30        | 18         |
| 38TT27           | 38TH27                       | T27  | 48        | 30        | 18         |
| 38TT30           | 38TH30                       | T30  | 48        | 30        | 18         |
| 38TT40           | 38TH40                       | T40  | 48        | 30        | 18         |
| 38TT45           | 38TH45                       | T45  | 48        | 30        | 18         |
| 38TT47           | 38TH47                       | T47  | 48        | 30        | 18         |
| 38TT50           | 38TH50                       | T50  | 48        | 30        | 18         |
| 38TT55           | 38TH55                       | T55  | 48        | 30        | 20         |

## 1/2"DR. STAR & STAR TAMPERPROOF BIT SOCKETS

| STAR<br>ITEM NO. | STAR TAMPERPROOF<br>ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|------------------|------------------------------|------|-----------|-----------|------------|
| 12TT40           | 12TH40                       | T40  | 55        | 38        | 22         |
| 12TT45           | 12TH45                       | T45  | 55        | 38        | 22         |
| 12TT47           | 12TH47                       | T47  | 55        | 38        | 22         |
| 12TT50           | 12TH50                       | T50  | 55        | 38        | 22         |
| 12TT55           | 12TH55                       | T55  | 55        | 38        | 22         |
| 12TT60           | 12TH60                       | T60  | 55        | 38        | 24         |
| 12TT70           | 12TH70                       | T70  | 55        | 38        | 24         |

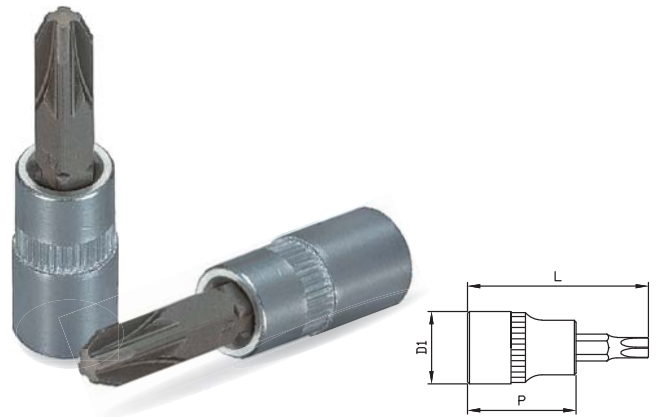


# BIT SOCKETS



## 1/4"DR. PHILLIPS BIT SOCKETS

| ITEM NO. | SIZE | L (MM) | P (MM) | D1 (MM) |
|----------|------|--------|--------|---------|
| 14PH00   | PH0  | 37     | 22     | 12      |
| 14PH01   | PH1  | 37     | 22     | 12      |
| 14PH02   | PH2  | 37     | 22     | 12      |
| 14PH03   | PH3  | 37     | 22     | 12      |



## 1/4"DR. POZI BIT SOCKETS

| ITEM NO. | SIZE | L (MM) | P (MM) | D1 (MM) |
|----------|------|--------|--------|---------|
| 14PZ00   | PZ0  | 37     | 22     | 12      |
| 14PZ01   | PZ1  | 37     | 22     | 12      |
| 14PZ02   | PZ2  | 37     | 22     | 12      |
| 14PZ03   | PZ3  | 37     | 22     | 12      |

## 3/8"DR. PHILLIPS BIT SOCKETS

| ITEM NO. | SIZE | L (MM) | P (MM) | D1 (MM) |
|----------|------|--------|--------|---------|
| 38PH01   | PH1  | 48     | 30     | 18      |
| 38PH02   | PH2  | 48     | 30     | 18      |
| 38PH03   | PH3  | 48     | 30     | 18      |
| 38PH04   | PH4  | 48     | 30     | 18      |

## 3/8"DR. POZI BIT SOCKETS

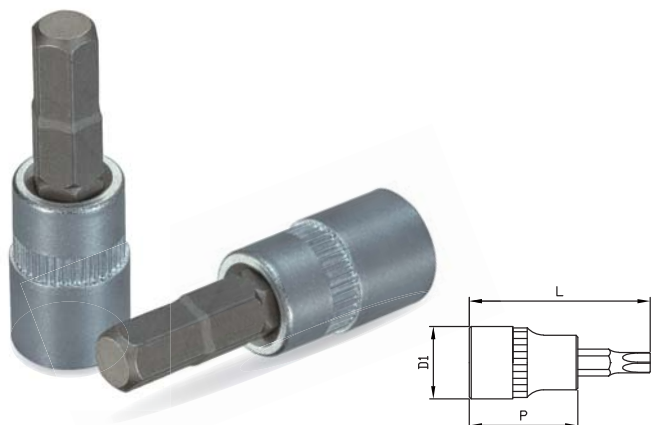
| ITEM NO. | SIZE | L (MM) | P (MM) | D1 (MM) |
|----------|------|--------|--------|---------|
| 38PZ01   | PZ1  | 48     | 30     | 18      |
| 38PZ02   | PZ2  | 48     | 30     | 18      |
| 38PZ03   | PZ3  | 48     | 30     | 18      |
| 38PZ04   | PZ4  | 48     | 30     | 18      |

## 1/2"DR. PHILLIPS BIT SOCKETS

| ITEM NO. | SIZE | L (MM) | P (MM) | D1 (MM) |
|----------|------|--------|--------|---------|
| 12PH01   | PH1  | 55     | 38     | 22      |
| 12PH02   | PH2  | 55     | 38     | 22      |
| 12PH03   | PH3  | 55     | 38     | 22      |
| 12PH04   | PH4  | 55     | 38     | 22      |

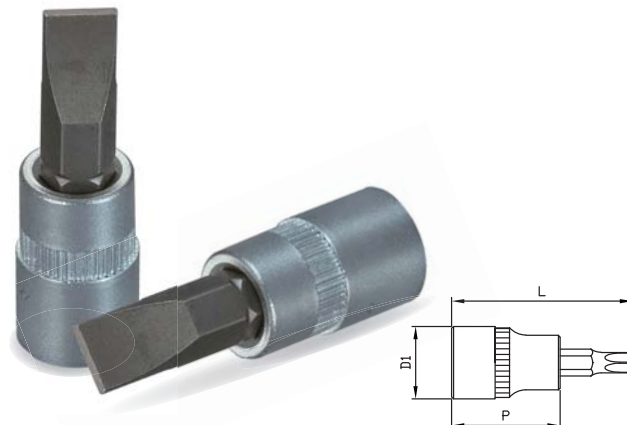
## 1/2"DR. POZI BIT SOCKETS

| ITEM NO. | SIZE | L (MM) | P (MM) | D1 (MM) |
|----------|------|--------|--------|---------|
| 12PZ01   | PZ1  | 55     | 38     | 22      |
| 12PZ02   | PZ2  | 55     | 38     | 22      |
| 12PZ03   | PZ3  | 55     | 38     | 22      |
| 12PZ04   | PZ4  | 55     | 38     | 22      |



### 1/4"DR. HEX BIT SOCKETS

| ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|------|-----------|-----------|------------|
| 14BH03   | H3   | 37        | 22        | 12         |
| 14BH04   | H4   | 37        | 22        | 12         |
| 14BH05   | H5   | 37        | 22        | 12         |
| 14BH06   | H6   | 37        | 22        | 12         |
| 14BH07   | H7   | 37        | 22        | 12         |
| 14BH08   | H8   | 37        | 22        | 12         |



### 1/4"DR. SLOTTED BIT SOCKETS

| ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|------|-----------|-----------|------------|
| 14SL03   | SL3  | 37        | 22        | 12         |
| 14SL04   | SL4  | 37        | 22        | 12         |
| 14SL05   | SL5  | 37        | 22        | 12         |
| 14SL06   | SL6  | 37        | 22        | 12         |
| 14SL07   | SL7  | 37        | 22        | 12         |
| 14SL08   | SL8  | 37        | 22        | 12         |

### 3/8"DR. HEX BIT SOCKETS

| ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|------|-----------|-----------|------------|
| 38BH03   | H3   | 48        | 30        | 18         |
| 38BH04   | H4   | 48        | 30        | 18         |
| 38BH05   | H5   | 48        | 30        | 18         |
| 38BH06   | H6   | 48        | 30        | 18         |
| 38BH07   | H7   | 48        | 30        | 18         |
| 38BH08   | H8   | 48        | 30        | 18         |
| 38BH10   | H10  | 48        | 30        | 20         |
| 38BH12   | H12  | 48        | 30        | 20         |

### 3/8"DR. SLOTTED BIT SOCKETS

| ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|------|-----------|-----------|------------|
| 38SL03   | SL3  | 48        | 30        | 18         |
| 38SL04   | SL4  | 48        | 30        | 18         |
| 38SL05   | SL5  | 48        | 30        | 18         |
| 38SL06   | SL6  | 48        | 30        | 18         |
| 38SL07   | SL7  | 48        | 30        | 18         |
| 38SL08   | SL8  | 48        | 30        | 18         |
| 38SL10   | SL10 | 48        | 30        | 20         |
| 38SL12   | SL12 | 48        | 30        | 20         |

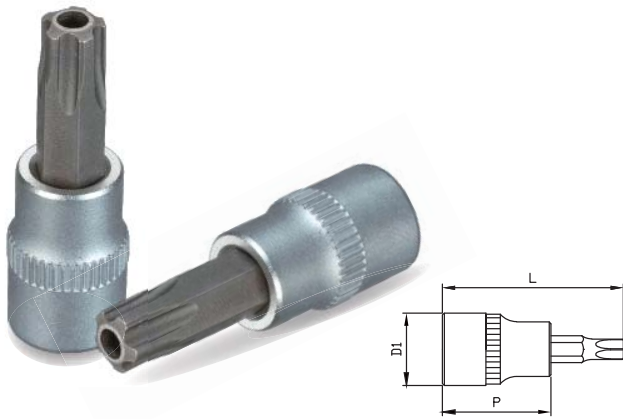
### 1/2"DR. HEX BIT SOCKETS

| ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|------|-----------|-----------|------------|
| 12BH04   | H4   | 55        | 38        | 22         |
| 12BH05   | H5   | 55        | 38        | 22         |
| 12BH06   | H6   | 55        | 38        | 22         |
| 12BH07   | H7   | 55        | 38        | 22         |
| 12BH08   | H8   | 55        | 38        | 22         |
| 12BH10   | H10  | 55        | 38        | 22         |
| 12BH12   | H12  | 55        | 38        | 24         |
| 12BH14   | H14  | 55        | 38        | 24         |
| 12BH17   | H17  | 55        | 38        | 26         |
| 12BH19   | H19  | 55        | 38        | 28         |

### 1/2"DR. SLOTTED BIT SOCKETS

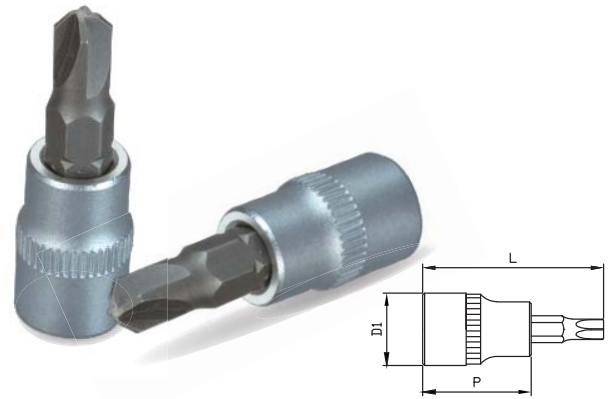
| ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|------|-----------|-----------|------------|
| 12SL04   | SL4  | 55        | 38        | 22         |
| 12SL05   | SL5  | 55        | 38        | 22         |
| 12SL06   | SL6  | 55        | 38        | 22         |
| 12SL07   | SL7  | 55        | 38        | 22         |
| 12SL08   | SL8  | 55        | 38        | 22         |
| 12SL10   | SL10 | 55        | 38        | 22         |
| 12SL12   | SL12 | 55        | 38        | 24         |
| 12SL14   | SL14 | 55        | 38        | 24         |
| 12SL17   | SL17 | 55        | 38        | 26         |
| 12SL19   | SL19 | 55        | 38        | 28         |

# BIT SOCKETS



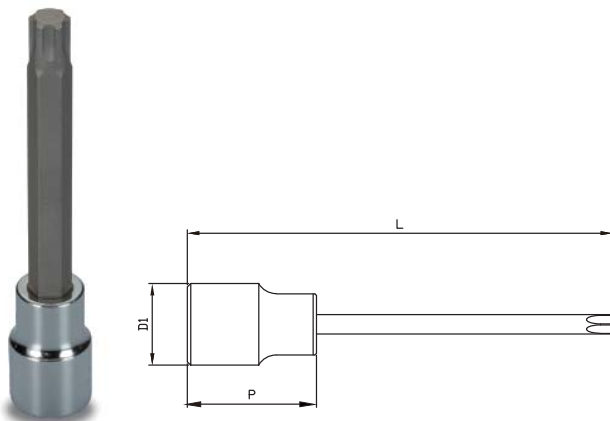
**1/2"DR. 5 POINT TAMPERPROOF STAR BIT SOCKETS**

| ITEM NO. | SIZE  | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|-------|-----------|-----------|------------|
| 12TSH20  | TS20H | 55        | 38        | 22         |
| 12TSH25  | TS25H | 55        | 38        | 22         |
| 12TSH27  | TS27H | 55        | 38        | 22         |
| 12TSH30  | TS30H | 55        | 38        | 22         |
| 12TSH40  | TS40H | 55        | 38        | 22         |
| 12TSH45  | TS45H | 55        | 38        | 22         |
| 12TSH50  | TS50H | 55        | 38        | 22         |
| 12TSH55  | TS55H | 55        | 38        | 22         |
| 12TSH60  | TS60H | 55        | 38        | 24         |



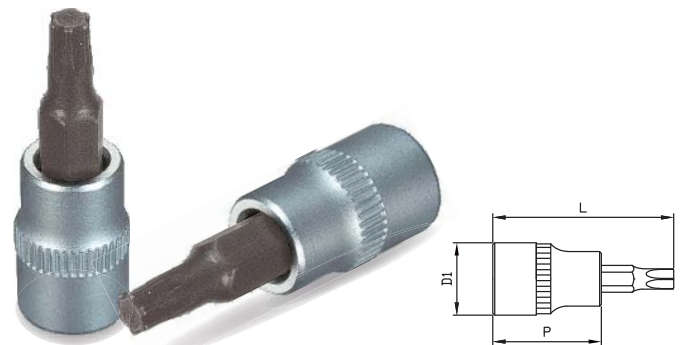
**3/8"DR. MORTORQ SURPER® BIT SOCKETS**

| ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|------|-----------|-----------|------------|
| 38MTS0   | MTS0 | 48        | 30        | 18         |
| 38MTS1   | MTS1 | 48        | 30        | 18         |
| 38MTS2   | MTS2 | 48        | 30        | 18         |
| 38MTS3   | MTS3 | 48        | 30        | 18         |
| 38MTS4   | MTS4 | 48        | 30        | 20         |
| 38MTS5   | MTS5 | 48        | 30        | 20         |



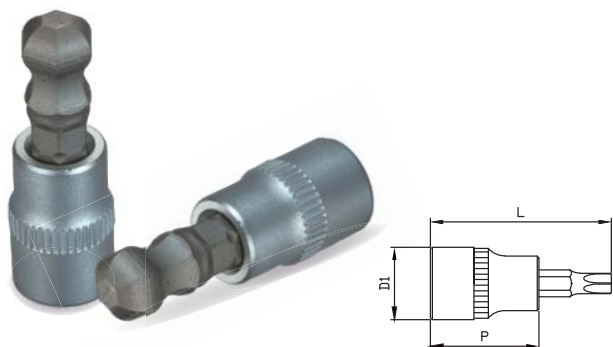
**1/2"DR. VW/AUDI HEAD BOLT BIT SOCKET**

| ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|------|-----------|-----------|------------|
| 12VA10   | 10   | 125       | 38        | 22         |



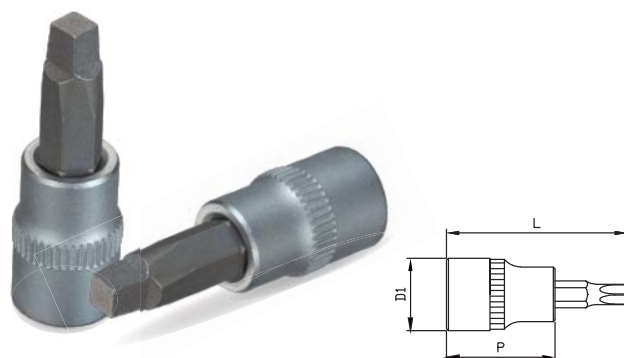
**3/8"DR. TORXPLUS® BIT SOCKETS**

| ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|------|-----------|-----------|------------|
| 38TP08   | TP8  | 48        | 30        | 18         |
| 38TP09   | TP9  | 48        | 30        | 18         |
| 38TP10   | TP10 | 48        | 30        | 18         |
| 38TP15   | TP15 | 48        | 30        | 18         |
| 38TP20   | TP20 | 48        | 30        | 18         |
| 38TP25   | TP25 | 48        | 30        | 18         |
| 38TP27   | TP27 | 48        | 30        | 18         |
| 38TP30   | TP30 | 48        | 30        | 18         |
| 38TP40   | TP40 | 48        | 30        | 18         |
| 38TP45   | TP45 | 48        | 30        | 18         |
| 38TP47   | TP47 | 48        | 30        | 18         |
| 38TP50   | TP50 | 48        | 30        | 18         |
| 38TP55   | TP55 | 48        | 30        | 20         |



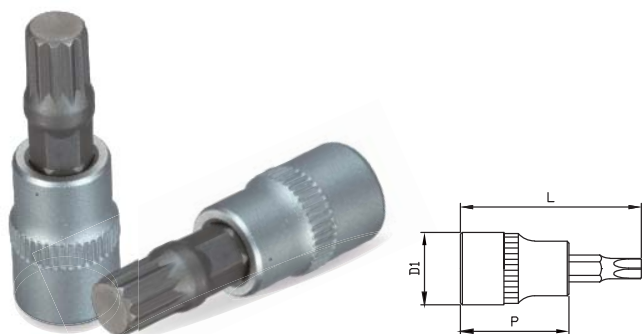
### 3/8"DR. BALL HEX BIT SOCKETS

| ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|------|-----------|-----------|------------|
| 38HB15   | 1.5  | 48        | 30        | 18         |
| 38HB02   | 2    | 48        | 30        | 18         |
| 38HB25   | 2.5  | 48        | 30        | 18         |
| 38HB03   | 3    | 48        | 30        | 18         |
| 38HB04   | 4    | 48        | 30        | 18         |
| 38HB05   | 5    | 48        | 30        | 18         |
| 38HB55   | 5.5  | 48        | 30        | 18         |
| 38HB06   | 6    | 48        | 30        | 18         |
| 38HB07   | 7    | 48        | 30        | 18         |
| 38HB08   | 8    | 48        | 30        | 18         |



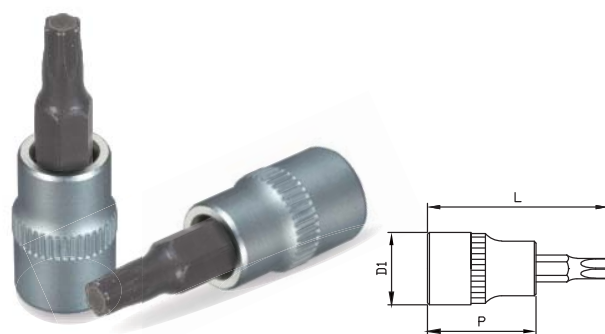
### 3/8"DR. SQUARE BIT SOCKETS

| ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|------|-----------|-----------|------------|
| 38SQ00   | 0    | 48        | 30        | 18         |
| 38SQ01   | 1    | 48        | 30        | 18         |
| 38SQ02   | 2    | 48        | 30        | 18         |
| 38SQ03   | 3    | 48        | 30        | 18         |



### 3/8"DR. SPLINE BIT SOCKETS

| ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|------|-----------|-----------|------------|
| 38SP04   | 4    | 48        | 30        | 18         |
| 38SP05   | 5    | 48        | 30        | 18         |
| 38SP06   | 6    | 48        | 30        | 18         |
| 38SP07   | 7    | 48        | 30        | 18         |
| 38SP08   | 8    | 48        | 30        | 18         |
| 38SP10   | 10   | 48        | 30        | 20         |
| 38SP12   | 12   | 48        | 30        | 20         |



### 3/8"DR. RIBE BIT SOCKETS

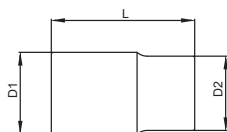
| ITEM NO. | SIZE | L<br>(MM) | P<br>(MM) | D1<br>(MM) |
|----------|------|-----------|-----------|------------|
| 38RI04   | 4    | 48        | 30        | 18         |
| 38RI05   | 5    | 48        | 30        | 18         |
| 38RI06   | 6    | 48        | 30        | 18         |
| 38RI07   | 7    | 48        | 30        | 18         |
| 38RI08   | 8    | 48        | 30        | 18         |

### MAGNETIC NUT BIT DRIVER

| ITEM NO. | SIZE | LENGTH<br>(MM) |
|----------|------|----------------|
| 14MN150  | 1/4" | 150            |



# ACCESSORIES



## 1/2"DR. FLIP SOCKETS

| ITEM NO. | SIZE (MM) | SIZE (MM) | L (MM) | D1 (MM) | D2 (MM) |
|----------|-----------|-----------|--------|---------|---------|
| 12FS07   | 17        | 19        | 64     | 28.0    | 25.0    |
| 12FS09   | 19        | 21        | 64     | 30.0    | 27.0    |
| 12FS10   | 21        | 22        | 64     | 32.0    | 29.0    |
| 12FS11   | 21        | 23        | 64     | 32.0    | 29.0    |
| 12FS12   | 11/16     | 3/4       | 64     | 28.0    | 27.0    |
| 12FS13   | 3/4       | 13/16     | 64     | 30.0    | 29.0    |
| 12FS14   | 13/16     | 7/8       | 64     | 32.0    | 25.0    |



## 1/4"DR. BIT HOLDER SOCKET

| ITEM NO. | SIZE | LENGTH (MM) |
|----------|------|-------------|
| 14SQ06   | 1/4" | 25          |



## 3/8"DR. BIT HOLDER SOCKETS

| ITEM NO. | SIZE  | LENGTH (MM) |
|----------|-------|-------------|
| 38SQ06   | 1/4"  | 28          |
| 38SQ06   | 5/16" | 28          |
| 38SQ06   | 10MM  | 28          |



## 1/2"DR. BIT HOLDER SOCKETS

| ITEM NO. | SIZE  | LENGTH (MM) |
|----------|-------|-------------|
| 12SQ06   | 1/4"  | 38          |
| 12SQ08   | 5/16" | 38          |
| 12SQ10   | 10MM  | 38          |



## ADAPTERS

| ITEM NO. | F (FEMALE) | M (MALE) | LENGTH (MM) |
|----------|------------|----------|-------------|
| 14ADA38  | 1/4"       | 3/8"     | 25          |
| 38ADA14  | 3/8"       | 1/4"     | 27          |
| 38ADA12  | 3/8"       | 1/2"     | 36          |
| 12ADA38  | 1/2"       | 3/8"     | 36          |
| 12ADA34  | 1/2"       | 3/4"     | 46          |
| 34ADA12  | 3/4"       | 1/2"     | 56          |





## EXTENSION BARS

| ITEM NO. | DRIVE | LENGTH (MM) |
|----------|-------|-------------|
| ETH050   | 1/4"  | 50          |
| ETH075   | 1/4"  | 75          |
| ETH100   | 1/4"  | 100         |
| ETH125   | 3/8"  | 125         |
| ETH150   | 3/8"  | 150         |
| ETH200   | 1/2"  | 200         |
| ETH250   | 1/2"  | 250         |
| ETH300   | 1/2"  | 300         |



## 3 WAY ADAPTERS

| ITEM NO. | F (FEMALE) | M (MALE) | LENGTH (MM) |
|----------|------------|----------|-------------|
| 38ADW14  | 3/8"       | 1/4"     | 28          |
| 38ADW12  | 3/8"       | 1/2"     | 43          |
| 12ADW38  | 1/2"       | 3/8"     | 39          |
| 12ADW12  | 1/2"       | 1/2"     | 43          |



## SLIDING T BARS

| ITEM NO. | DRIVE | LENGTH (MM) |
|----------|-------|-------------|
| 14ST150  | 1/4"  | 150         |
| 38ST200  | 3/8"  | 200         |
| 12ST250  | 1/2"  | 250         |
| 12ST300  | 1/2"  | 300         |



## SPINNER HANDLE

| ITEM NO. | DRIVE | LENGTH (MM) |
|----------|-------|-------------|
| 14SH150  | 1/4"  | 150         |



## FLEXIBLE EXTENSION BAR

| ITEM NO. | DRIVE | LENGTH (MM) |
|----------|-------|-------------|
| 14FEX08  | 1/4"  | 150         |



## REPAIR KIT FOR FLEXIBLE HANDLE

| ITEM NO. | CONTENT                     |
|----------|-----------------------------|
| 12FHR04  | DRIVER, SCREW, SPRING, BALL |



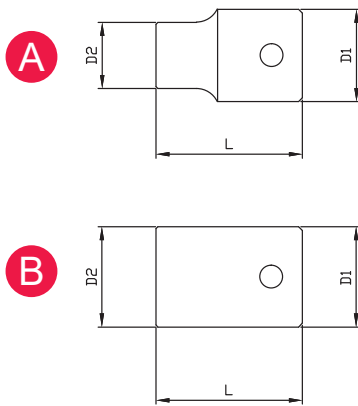
## FLEXIBLE HANDLE

| ITEM NO. | DRIVE | LENGTH (MM) |
|----------|-------|-------------|
| 14FH450  | 1/2"  | 450         |





SHAPE



## 1/4"DR. 6PT IMPACT SOCKETS(MM)

| ITEM NO. | SIZE (MM) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-----------|--------|---------|---------|-------|
| 14SA606  | 6         | 25     | 12.0    | 9.8     | A     |
| 14SA607  | 7         | 25     | 12.0    | 11.0    |       |
| 14SA608  | 8         | 25     | 12.0    | 12.0    | B     |
| 14SA610  | 10        | 25     | 14.0    | 14.0    |       |
| 14SA611  | 11        | 25     | 16.0    | 16.0    |       |
| 14SA612  | 12        | 25     | 17.0    | 17.0    |       |
| 14SA613  | 13        | 25     | 18.0    | 18.0    |       |

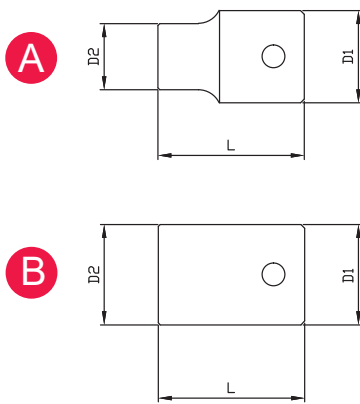
## 1/4"DR. 6PT IMPACT SOCKETS(SAE)

| ITEM NO. | SIZE (INCH) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-------------|--------|---------|---------|-------|
| 14SA205  | 3/16        | 25     | 12.0    | 8.0     | A     |
| 14SA206  | 1/4         | 25     | 12.0    | 9.8     |       |
| 14SA208  | 5/16        | 25     | 12.0    | 12.0    | B     |
| 14SA210  | 3/8         | 25     | 14.0    | 14.0    |       |
| 14SA211  | 7/16        | 25     | 16.0    | 16.0    |       |
| 14SA213  | 1/2         | 25     | 18.0    | 18.0    |       |
| 14SA214  | 9/16        | 25     | 20.0    | 20.0    |       |

# IMPACT SOCKETS



SHAPE



## 3/8"DR. 6PT IMPACT SOCKETS(MM)

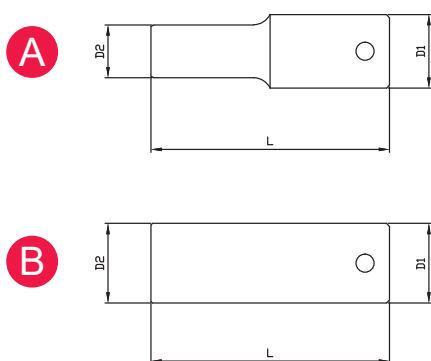
| ITEM NO. | SIZE (MM) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-----------|--------|---------|---------|-------|
| 38SA606  | 6         | 30     | 18.0    | 10.5    | A     |
| 38SA607  | 7         | 30     | 18.0    | 12.0    |       |
| 38SA608  | 8         | 30     | 18.0    | 12.5    |       |
| 38SA609  | 9         | 30     | 18.0    | 14.0    |       |
| 38SA610  | 10        | 30     | 18.0    | 15.0    |       |
| 38SA611  | 11        | 30     | 18.0    | 17.0    |       |
| 38SA612  | 12        | 30     | 18.0    | 18.0    | B     |
| 38SA613  | 13        | 30     | 20.0    | 20.0    |       |
| 38SA614  | 14        | 30     | 22.0    | 22.0    |       |
| 38SA615  | 15        | 30     | 24.0    | 24.0    |       |
| 38SA616  | 16        | 30     | 24.0    | 24.0    |       |
| 38SA617  | 17        | 30     | 26.0    | 26.0    |       |
| 38SA618  | 18        | 30     | 28.0    | 28.0    |       |
| 38SA619  | 19        | 30     | 28.0    | 28.0    |       |
| 38SA621  | 21        | 30     | 30.0    | 30.0    |       |

## 3/8"DR. 6PT IMPACT SOCKETS(SAE)

| ITEM NO. | SIZE (INCH) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-------------|--------|---------|---------|-------|
| 38SA806  | 1/4         | 30     | 19.0    | 10.5    | A     |
| 38SA808  | 5/16        | 30     | 19.0    | 12.5    |       |
| 38SA810  | 3/8         | 30     | 19.0    | 15.0    |       |
| 38SA811  | 7/16        | 30     | 19.0    | 17.0    |       |
| 38SA813  | 1/2         | 30     | 20.0    | 20.0    | B     |
| 38SA814  | 9/16        | 30     | 22.0    | 22.0    |       |
| 38SA816  | 5/8         | 30     | 24.0    | 24.0    |       |
| 38SA817  | 11/16       | 30     | 26.0    | 26.0    |       |
| 38SA819  | 3/4         | 30     | 28.0    | 28.0    |       |
| 38SA822  | 7/8         | 30     | 32.0    | 32.0    |       |



SHAPE



### 3/8"DR. 6PT IMPACT DEEP SOCKETS(MM)

| ITEM NO. | SIZE (MM) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-----------|--------|---------|---------|-------|
| 38SA108  | 8         | 63     | 19.0    | 12.5    | A     |
| 38SA109  | 9         | 63     | 19.0    | 14.0    |       |
| 38SA110  | 10        | 63     | 19.0    | 15.0    |       |
| 38SA111  | 11        | 63     | 19.0    | 17.0    |       |
| 38SA112  | 12        | 63     | 19.0    | 19.0    | B     |
| 38SA113  | 13        | 63     | 19.0    | 19.0    |       |
| 38SA114  | 14        | 63     | 20.0    | 20.0    |       |
| 38SA115  | 15        | 63     | 22.0    | 22.0    |       |
| 38SA116  | 16        | 63     | 24.0    | 24.0    |       |
| 38SA117  | 17        | 63     | 24.0    | 24.0    |       |
| 38SA118  | 18        | 63     | 25.0    | 25.0    |       |
| 38SA119  | 19        | 63     | 26.0    | 26.0    |       |

### 3/8"DR. 6PT IMPACT DEEP SOCKETS(SAE)

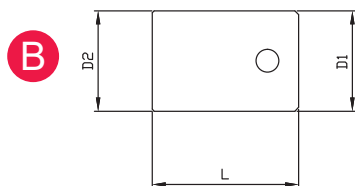
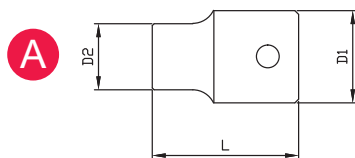
| ITEM NO. | SIZE (INCH) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-------------|--------|---------|---------|-------|
| 38SA208  | 5/16        | 63     | 19.0    | 12.5    | A     |
| 38SA210  | 3/8         | 63     | 19.0    | 15.0    |       |
| 38SA211  | 7/16        | 63     | 19.0    | 17.0    |       |
| 38SA213  | 1/2         | 63     | 19.0    | 19.0    | B     |
| 38SA214  | 9/16        | 63     | 20.0    | 20.0    |       |
| 38SA216  | 5/8         | 63     | 24.0    | 24.0    |       |
| 38SA217  | 11/16       | 63     | 24.0    | 24.0    |       |
| 38SA219  | 3/4         | 63     | 26.0    | 26.0    |       |



# IMPACT SOCKETS



SHAPE



## 1/2"DR. 6PT IMPACT SOCKETS(MM)

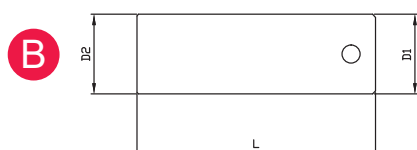
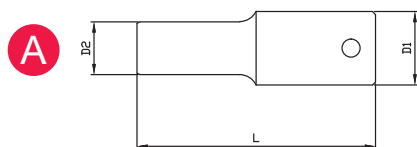
| ITEM NO. | SIZE (MM) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-----------|--------|---------|---------|-------|
| 12SA608  | 8         | 38     | 24.0    | 15.0    | A     |
| 12SA610  | 10        | 38     | 24.0    | 17.0    |       |
| 12SA611  | 11        | 38     | 24.0    | 19.0    |       |
| 12SA612  | 12        | 38     | 24.0    | 20.0    |       |
| 12SA613  | 13        | 38     | 24.0    | 21.0    |       |
| 12SA614  | 14        | 38     | 24.0    | 22.0    |       |
| 12SA615  | 15        | 38     | 24.0    | 24.0    | B     |
| 12SA616  | 16        | 38     | 24.0    | 24.0    |       |
| 12SA617  | 17        | 38     | 26.0    | 26.0    |       |
| 12SA618  | 18        | 38     | 28.0    | 28.0    |       |
| 12SA619  | 19        | 38     | 28.0    | 28.0    |       |
| 12SA620  | 20        | 38     | 30.0    | 30.0    |       |
| 12SA621  | 21        | 38     | 30.0    | 30.0    |       |
| 12SA622  | 22        | 38     | 32.0    | 32.0    |       |
| 12SA623  | 23        | 38     | 34.0    | 34.0    |       |
| 12SA624  | 24        | 38     | 34.0    | 34.0    |       |
| 12SA625  | 25        | 40     | 36.0    | 36.0    |       |
| 12SA626  | 26        | 40     | 38.0    | 38.0    |       |
| 12SA627  | 27        | 40     | 38.0    | 38.0    |       |
| 12SA628  | 28        | 43     | 40.0    | 40.0    |       |
| 12SA629  | 29        | 43     | 40.0    | 40.0    |       |
| 12SA630  | 30        | 43     | 42.0    | 42.0    |       |
| 12SA632  | 32        | 43     | 44.0    | 44.0    |       |

## 1/2"DR. 6PT IMPACT SOCKETS(SAE)

| ITEM NO. | SIZE (INCH) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-------------|--------|---------|---------|-------|
| 12SA808  | 5/16        | 38     | 24.0    | 15.0    | A     |
| 12SA810  | 3/8         | 38     | 24.0    | 17.0    |       |
| 12SA811  | 7/16        | 38     | 24.0    | 19.0    |       |
| 12SA813  | 1/2         | 38     | 24.0    | 21.0    |       |
| 12SA814  | 9/16        | 38     | 24.0    | 22.0    |       |
| 12SA816  | 5/8         | 38     | 24.0    | 24.0    | B     |
| 12SA817  | 11/16       | 38     | 26.0    | 26.0    |       |
| 12SA819  | 3/4         | 38     | 28.0    | 28.0    |       |
| 12SA821  | 13/16       | 38     | 30.0    | 30.0    |       |
| 12SA822  | 7/8         | 38     | 32.0    | 32.0    |       |
| 12SA825  | 1"          | 40     | 36.0    | 36.0    |       |
| 12SA827  | 1-1/16      | 40     | 38.0    | 38.0    |       |
| 12SA830  | 1-3/16      | 43     | 42.0    | 42.0    |       |
| 12SA832  | 1-1/4       | 43     | 44.0    | 44.0    |       |



SHAPE



## 1/2"DR. 6PT IMPACT DEEP SOCKETS(MM)

| ITEM NO. | SIZE (MM) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-----------|--------|---------|---------|-------|
| 12SA108  | 8         | 78     | 24.0    | 15.0    | A     |
| 12SA109  | 9         | 78     | 24.0    | 15.7    |       |
| 12SA110  | 10        | 78     | 24.0    | 17.0    |       |
| 12SA111  | 11        | 78     | 24.0    | 19.0    |       |
| 12SA112  | 12        | 78     | 24.0    | 20.0    |       |
| 12SA113  | 13        | 78     | 24.0    | 21.0    |       |
| 12SA114  | 14        | 78     | 24.0    | 22.0    |       |
| 12SA115  | 15        | 78     | 24.0    | 24.0    | B     |
| 12SA116  | 16        | 78     | 24.0    | 24.0    |       |
| 12SA117  | 17        | 78     | 26.0    | 26.0    |       |
| 12SA118  | 18        | 78     | 28.0    | 28.0    |       |
| 12SA119  | 19        | 78     | 28.0    | 28.0    |       |
| 12SA120  | 20        | 78     | 30.0    | 30.0    |       |
| 12SA121  | 21        | 78     | 30.0    | 30.0    |       |
| 12SA122  | 22        | 78     | 32.0    | 32.0    |       |
| 12SA123  | 23        | 78     | 34.0    | 34.0    |       |
| 12SA124  | 24        | 78     | 34.0    | 34.0    |       |
| 12SA125  | 25        | 78     | 36.0    | 36.0    |       |
| 12SA126  | 26        | 78     | 38.0    | 38.0    |       |
| 12SA127  | 27        | 78     | 38.0    | 38.0    |       |
| 12SA128  | 28        | 78     | 40.0    | 40.0    |       |
| 12SA129  | 29        | 78     | 40.0    | 40.0    |       |
| 12SA130  | 30        | 78     | 42.0    | 42.0    |       |
| 12SA132  | 32        | 78     | 44.0    | 44.0    |       |

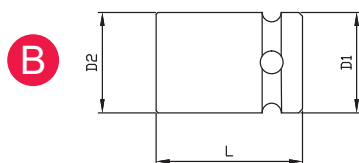
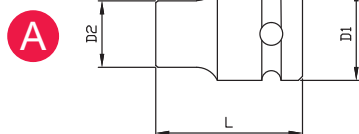
## 1/2"DR. 6PT IMPACT DEEP SOCKETS(SAE)

| ITEM NO. | SIZE (INCH) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-------------|--------|---------|---------|-------|
| 12SA208  | 5/16        | 78     | 24.0    | 15.0    | A     |
| 12SA210  | 3/8         | 78     | 24.0    | 17.0    |       |
| 12SA211  | 7/16        | 78     | 24.0    | 19.0    |       |
| 12SA213  | 1/2         | 78     | 24.0    | 21.0    |       |
| 12SA214  | 9/16        | 78     | 24.0    | 22.0    |       |
| 12SA216  | 5/8         | 78     | 24.0    | 24.0    | B     |
| 12SA217  | 11/16       | 78     | 26.0    | 26.0    |       |
| 12SA219  | 3/4         | 78     | 28.0    | 28.0    |       |
| 12SA221  | 13/16       | 78     | 30.0    | 30.0    |       |
| 12SA222  | 7/8         | 78     | 32.0    | 32.0    |       |
| 12SA225  | 1"          | 78     | 36.0    | 36.0    |       |
| 12SA227  | 1-1/16      | 78     | 38.0    | 38.0    |       |
| 12SA230  | 1-3/16      | 78     | 42.0    | 42.0    |       |
| 12SA232  | 1-1/4       | 78     | 44.0    | 44.0    |       |

# IMPACT SOCKETS



SHAPE



## 3/8"DR. 6PT IMPACT SOCKETS(MM)

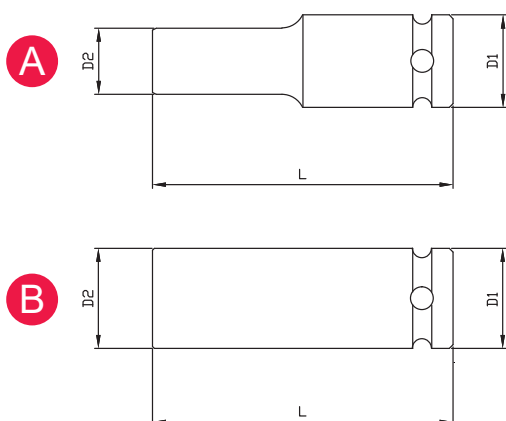
| ITEM NO. | SIZE (MM) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-----------|--------|---------|---------|-------|
| 38SE608  | 8         | 30     | 19.0    | 14.0    | A     |
| 38SE610  | 10        | 30     | 19.0    | 16.0    |       |
| 38SE611  | 11        | 30     | 19.0    | 17.0    |       |
| 38SE612  | 12        | 30     | 19.0    | 19.0    | B     |
| 38SE613  | 13        | 30     | 19.0    | 19.0    |       |
| 38SE614  | 14        | 30     | 20.0    | 20.0    |       |
| 38SE615  | 15        | 30     | 22.0    | 22.0    |       |
| 38SE616  | 16        | 30     | 24.0    | 24.0    |       |
| 38SE617  | 17        | 30     | 24.0    | 24.0    |       |
| 38SE618  | 18        | 30     | 26.0    | 26.0    |       |
| 38SE619  | 19        | 30     | 26.0    | 26.0    |       |
| 38SE621  | 21        | 30     | 30.0    | 30.0    |       |

## 3/8"DR. 6PT IMPACT SOCKETS(SAE)

| ITEM NO. | SIZE (INCH) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-------------|--------|---------|---------|-------|
| 38SE808  | 5/16        | 30     | 19.0    | 14.0    | A     |
| 38SE810  | 3/8         | 30     | 19.0    | 16.0    |       |
| 38SE811  | 7/16        | 30     | 19.0    | 17.0    |       |
| 38SE813  | 1/2         | 30     | 19.0    | 19.0    | B     |
| 38SE814  | 9/16        | 30     | 22.0    | 22.0    |       |
| 38SE816  | 5/8         | 30     | 24.0    | 24.0    |       |
| 38SE817  | 11/16       | 30     | 26.0    | 26.0    |       |
| 38SE819  | 3/4         | 30     | 26.0    | 26.0    |       |
| 38SE822  | 7/8         | 30     | 32.0    | 32.0    |       |



SHAPE



### 3/8"DR. 6PT IMPACT DEEP SOCKETS(MM)

| ITEM NO. | SIZE (MM) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-----------|--------|---------|---------|-------|
| 38SE108  | 8         | 63     | 19.0    | 14.0    | A     |
| 38SE109  | 9         | 63     | 19.0    | 14.5    |       |
| 38SE110  | 10        | 63     | 19.0    | 16.0    |       |
| 38SE111  | 11        | 63     | 19.0    | 17.0    |       |
| 38SE112  | 12        | 63     | 19.0    | 19.0    | B     |
| 38SE113  | 13        | 63     | 22.0    | 22.0    |       |
| 38SE114  | 14        | 63     | 22.0    | 22.0    |       |
| 38SE115  | 15        | 63     | 22.0    | 22.0    |       |
| 38SE116  | 16        | 63     | 24.0    | 24.0    |       |
| 38SE117  | 17        | 63     | 24.0    | 24.0    |       |
| 38SE118  | 18        | 63     | 26.0    | 26.0    |       |
| 38SE119  | 19        | 63     | 28.0    | 28.0    |       |

### 3/8"DR. 6PT IMPACT DEEP SOCKETS(SAE)

| ITEM NO. | SIZE (INCH) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-------------|--------|---------|---------|-------|
| 38SE208  | 5/16        | 63     | 19.0    | 14.0    | A     |
| 38SE210  | 3/8         | 63     | 19.0    | 16.0    |       |
| 38SE211  | 7/16        | 63     | 19.0    | 17.0    |       |
| 38SE213  | 1/2         | 63     | 22.0    | 22.0    | B     |
| 38SE214  | 9/16        | 63     | 22.0    | 22.0    |       |
| 38SE216  | 5/8         | 63     | 24.0    | 24.0    |       |
| 38SE217  | 11/16       | 63     | 24.0    | 24.0    |       |
| 38SE219  | 3/4         | 63     | 28.0    | 28.0    |       |

# IMPACT SOCKETS

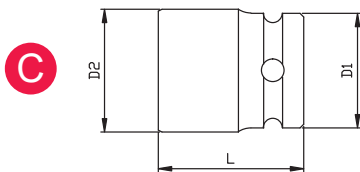
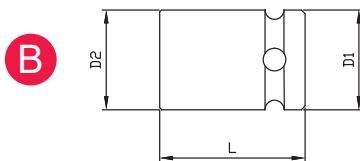
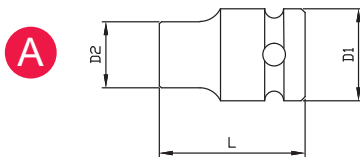
SHAPE A

SHAPE B

SHAPE C



SHAPE



## 1/2"DR. 6PT IMPACT SOCKETS(MM)

| ITEM NO. | SIZE (MM) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-----------|--------|---------|---------|-------|
| 12SE608  | 8         | 38     | 24.0    | 14.0    | A     |
| 12SE610  | 10        | 38     | 24.0    | 17.0    |       |
| 12SE611  | 11        | 38     | 24.0    | 18.0    |       |
| 12SE612  | 12        | 38     | 24.0    | 19.0    |       |
| 12SE613  | 13        | 38     | 24.0    | 20.0    |       |
| 12SE614  | 14        | 38     | 24.0    | 22.0    |       |
| 12SE615  | 15        | 38     | 24.0    | 24.0    | B     |
| 12SE616  | 16        | 38     | 24.0    | 24.0    |       |
| 12SE617  | 17        | 38     | 26.0    | 26.0    |       |
| 12SE618  | 18        | 38     | 28.0    | 28.0    |       |
| 12SE619  | 19        | 38     | 28.0    | 28.0    |       |
| 12SE620  | 20        | 38     | 30.0    | 30.0    |       |
| 12SE621  | 21        | 38     | 30.0    | 30.0    | C     |
| 12SE622  | 22        | 38     | 30.0    | 32.0    |       |
| 12SE623  | 23        | 38     | 30.0    | 34.0    |       |
| 12SE624  | 24        | 38     | 30.0    | 34.0    |       |
| 12SE625  | 25        | 40     | 32.0    | 36.0    |       |
| 12SE626  | 26        | 43     | 34.0    | 38.0    |       |
| 12SE627  | 27        | 43     | 34.0    | 38.0    |       |
| 12SE628  | 28        | 43     | 36.0    | 40.0    |       |
| 12SE629  | 29        | 43     | 36.0    | 40.0    |       |
| 12SE630  | 30        | 43     | 38.0    | 42.0    |       |
| 12SE632  | 32        | 43     | 38.0    | 44.0    |       |

## 1/2"DR. 6PT IMPACT SOCKETS(SAE)

| ITEM NO. | SIZE (INCH) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-------------|--------|---------|---------|-------|
| 12SE808  | 5/16        | 38     | 24.0    | 14.0    | A     |
| 12SE810  | 3/8         | 38     | 24.0    | 17.0    |       |
| 12SE811  | 7/16        | 38     | 24.0    | 18.0    |       |
| 12SE813  | 1/2         | 38     | 24.0    | 20.0    |       |
| 12SE814  | 9/16        | 38     | 24.0    | 22.0    |       |
| 12SE816  | 5/8         | 38     | 24.0    | 24.0    | B     |
| 12SE817  | 11/16       | 38     | 26.0    | 26.0    |       |
| 12SE819  | 3/4         | 38     | 28.0    | 28.0    |       |
| 12SE821  | 13/16       | 38     | 30.0    | 30.0    |       |
| 12SE822  | 7/8         | 38     | 30.0    | 32.0    |       |
| 12SE825  | 1"          | 40     | 32.0    | 36.0    | C     |
| 12SE827  | 1-1/16      | 43     | 34.0    | 38.0    |       |
| 12SE830  | 1-3/16      | 43     | 38.0    | 42.0    |       |
| 12SE832  | 1-1/4       | 43     | 38.0    | 44.0    |       |

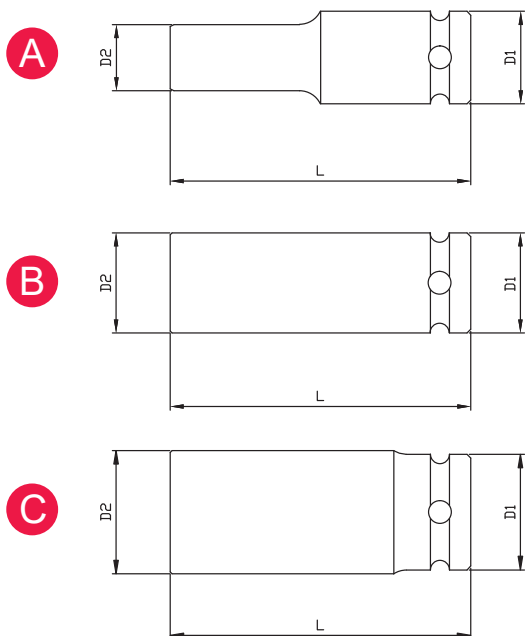
SHAPE A

SHAPE B

SHAPE C



SHAPE



## 1/2"DR. 6PT IMPACT DEEP SOCKETS(MM)

| ITEM NO. | SIZE (MM) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-----------|--------|---------|---------|-------|
| 12SE108  | 8         | 78     | 24.0    | 14.0    | A     |
| 12SE110  | 10        | 78     | 24.0    | 17.0    |       |
| 12SE111  | 11        | 78     | 24.0    | 18.0    |       |
| 12SE112  | 12        | 78     | 24.0    | 19.0    |       |
| 12SE113  | 13        | 78     | 24.0    | 20.0    |       |
| 12SE114  | 14        | 78     | 24.0    | 22.0    |       |
| 12SE115  | 15        | 78     | 24.0    | 24.0    | B     |
| 12SE116  | 16        | 78     | 24.0    | 24.0    |       |
| 12SE117  | 17        | 78     | 26.0    | 26.0    |       |
| 12SE118  | 18        | 78     | 28.0    | 28.0    |       |
| 12SE119  | 19        | 78     | 28.0    | 28.0    |       |
| 12SE120  | 20        | 78     | 30.0    | 30.0    |       |
| 12SE122  | 22        | 78     | 30.0    | 32.0    | C     |
| 12SE123  | 23        | 78     | 30.0    | 34.0    |       |
| 12SE124  | 24        | 78     | 30.0    | 34.0    |       |
| 12SE125  | 25        | 78     | 32.0    | 36.0    |       |
| 12SE126  | 26        | 78     | 34.0    | 38.0    |       |
| 12SE127  | 27        | 78     | 34.0    | 38.0    |       |
| 12SE128  | 28        | 78     | 36.0    | 40.0    |       |
| 12SE129  | 29        | 78     | 36.0    | 40.0    |       |
| 12SE130  | 30        | 78     | 38.0    | 42.0    |       |
| 12SE132  | 32        | 78     | 38.0    | 44.0    |       |

## 1/2"DR. 6PT IMPACT DEEP SOCKETS(SAE)

| ITEM NO. | SIZE (INCH) | L (MM) | D1 (MM) | D2 (MM) | SHAPE |
|----------|-------------|--------|---------|---------|-------|
| 12SE208  | 5/16        | 78     | 24.0    | 14.0    | A     |
| 12SE210  | 3/8         | 78     | 24.0    | 17.0    |       |
| 12SE211  | 7/16        | 78     | 24.0    | 18.0    |       |
| 12SE213  | 1/2         | 78     | 24.0    | 20.0    |       |
| 12SE214  | 9/16        | 78     | 24.0    | 22.0    |       |
| 12SE216  | 5/8         | 78     | 24.0    | 24.0    | B     |
| 12SE217  | 11/16       | 78     | 26.0    | 26.0    |       |
| 12SE219  | 3/4         | 78     | 28.0    | 28.0    |       |
| 12SE221  | 13/16       | 78     | 30.0    | 30.0    |       |
| 12SE222  | 7/8         | 78     | 30.0    | 32.0    |       |
| 12SE225  | 1"          | 78     | 32.0    | 36.0    | C     |
| 12SE227  | 1-1/16      | 78     | 34.0    | 38.0    |       |
| 12SE230  | 1-3/16      | 78     | 38.0    | 42.0    |       |
| 12SE232  | 1-1/4       | 78     | 38.0    | 44.0    |       |



# IMPACT ACCESSORIES



## IMPACT ADAPTERS

| ITEM NO. | F<br>(FEMALE) | M<br>(MALE) | LENGTH<br>(MM) |
|----------|---------------|-------------|----------------|
| 14ADE38  | 1/4"          | 3/8"        | 26             |
| 38ADE14  | 3/8"          | 1/4"        | 32             |
| 38ADE12  | 3/8"          | 1/2"        | 36             |
| 12ADE38  | 1/2"          | 3/8"        | 38             |
| 12ADE34  | 1/2"          | 3/4"        | 48             |
| 34ADE12  | 3/4"          | 1/2"        | 56             |



## IMPACT UNIVERSAL JOINTS

| ITEM NO. | F<br>(FEMALE) | M<br>(MALE) | LENGTH<br>(MM) |
|----------|---------------|-------------|----------------|
| 14UJA14  | 1/4"          | 1/4"        | 40             |
| 38UJA38  | 3/8"          | 3/8"        | 54             |
| 12UJA12  | 1/2"          | 1/2"        | 73             |
| 34UJA34  | 3/4"          | 3/4"        | 94             |



## IMPACT POWERFUL UNIVERSAL ADAPTERS

| ITEM NO. | F<br>(FEMALE) | M<br>(MALE) | LENGTH<br>(MM) |
|----------|---------------|-------------|----------------|
| 14PUI38  | 1/4"          | 3/8"        | 38             |
| 38PUI14  | 3/8"          | 1/4"        | 45             |
| 38PUI12  | 3/8"          | 1/2"        | 51             |
| 12PUI38  | 1/2"          | 3/8"        | 60             |
| 12PUI34  | 1/2"          | 3/4"        | 70             |
| 34PUI12  | 3/4"          | 1/2"        | 80             |



## IMPACT EXTENSION BARS

| ITEM NO. | DRIVE | LENGTH<br>(MM) |
|----------|-------|----------------|
| 14ITE050 | 1/4"  | 50             |
| 14ITE075 | 1/4"  | 75             |
| 14ITE100 | 1/4"  | 100            |
| 14ITE125 | 3/8"  | 125            |
| 14ITE150 | 3/8"  | 150            |
| 14ITE200 | 1/2"  | 200            |
| 14ITE250 | 1/2"  | 250            |
| 14ITE300 | 1/2"  | 300            |



# SOCKET SETS



**S175**  
175 PCS 1/4"DR. & 3/8"DR. & 1/2"DR. SOCKET SET



**S214**  
214 PCS 1/4"DR. & 3/8"DR. & 1/2"DR. SOCKET SET



**S185**  
185 PCS 1/4"DR. & 3/8"DR. & 1/2"DR. SOCKET SET



**S093**  
93 PCS 1/4"DR. & 1/2"DR. SOCKET SET



**S427**  
27 PCS 1/2"DR. SOCKET SET



**S242**  
42 PCS 1/4"DR. SOCKET SET





**S424**  
24 PCS 1/2"DR. SOCKET SET



**S359**  
59 PCS 3/8"DR. SOCKET SET



**S421**  
21 PCS 1/2"DR. SOCKET SET



**S171**  
171PCS 1/4"DR.& 3/8"DR.& 1/2"DR. SOCKET SET



**S350**  
50PCS 3/8"DR. SOCKET SET



**S176**  
76PCS 1/4"DR.& 3/8"DR.& 1/2"DR. SOCKET SET

# SOCKET SETS



**S011**

11 PCS IMPACT ADAPTER SET



**S411**

11PCS 1/2"DR. IMPACT SOCKET SET



**S524**

24PCS 1/2"DR. SOCKET SET



**S419**

19PCS 1/2"DR. STAR SOCKET & BIT SOCKET SET



**S403**

3PCS 1/2"DR.IMPACT SOCKET SET FOR CAR- 86MM



### S311

10PCS 3/8"DR. 6PT DEEP SOCKET SET



### S310

10PCS 3/8"DR. SPLINE SOCKET SET



### S219

19PCS 1/4"DR. SPLINE SOCKET & BIT SET



### S209

9PCS 1/4"DR. 3/8"DR. 1/2"DR. TORX PLUS BIT SOCKET SET



### S305

5PCS 3/8"DR. MORTORQ BIT SOCKET SET-75MM



### S309

9PCS 3/8"DR. 6PT SHALLOW IMPACT SOCKET SET



### S109

9PCS 3/8"DR. 6PT SHALLOW IMPACT SOCKET SET

### S311

11PCS 3/8"DR. 6PT SHALLOW IMPACT SOCKET SET



### S415

15PCS 1/2"DR. 6PT SHALLOW IMPACT SOCKET SET



### S406

6PCS 1/2"DR. 6PT IMPACT UNIVERSAL SOCKET SET



# LED RATCHET HANDLES



## 72T TRANSFORMER LED RATCHET HANDLES

| ITEM NO. | DRIVE | L (MM) |
|----------|-------|--------|
| 72TR14   | 1/4"  | 145    |
| 72TR38   | 3/8"  | 200    |
| 72TR12   | 1/2"  | 255    |



## 72T EXTENDABLE LED RATCHET HANDLES

| ITEM NO. | F (FEMALE) | L (MM)  |
|----------|------------|---------|
| 72RE14   | 1/4"       | 150-200 |
| 72RE38   | 3/8"       | 220-320 |
| 72RE12   | 1/2"       | 305-445 |



## 72T CURVED LED RATCHET HANDLES

| ITEM NO. | DRIVE | L (MM) |
|----------|-------|--------|
| 72RC14   | 1/4"  | 145    |
| 72RC38   | 3/8"  | 200    |
| 72RC12   | 1/2"  | 255    |



## 72T COMPOSITE LED RATCHET HANDLES

| ITEM NO. | F (FEMALE) | L (MM) |
|----------|------------|--------|
| 72RP14   | 1/4"       | 144    |
| 72RP38   | 3/8"       | 202    |
| 72RP12   | 1/2"       | 257    |

