



# TRIVAX<sup>7</sup>

MÁQUINAS • FERRAMENTAS • EQUIPAMENTOS

## *Impact Sockets*



# ACTION



## Action: Tools For Professionals

Action Impact Sockets are specifically engineered for professional use with impact tools.

Action employs the best design, material, processes and quality control in the industry.

## Action: Best Material, Superior Process

Action Impact Sockets are made of the best material (chrome-molybdenum alloy steel) to meet the extreme requirements that professional users require from their tools. Action uses a drop forge process to form our Impact Sockets followed by precise heat and surface hardening treatments to deliver unsurpassed material strength, hardness and superior surface durability.

## Action: World Class Quality

Action Impact Sockets are World Class products which meet Federal Specifications GGG-W-660A and DIN 3121 & 3129. Our independent quality control program uses the latest technology and statistical tools to assure that each Action Socket matches World Class standards; hardness, function and torque are all spot tested. Action Impact Sockets are all warranted against defects in materials and workmanship for the life of the product.

## Action: We Have The Tools You Need

Action Impact Sockets are available in every popular drive, size and configuration including:

1/4", 3/8", 1/2", 3/4", 1", 1-1/2", and 2-1/2" drives, #5 Spine drive as well as all popular sizes in SAE, Metric and Star Sockets for Torx nuts, Action also has long experience in producing special size tools based on customer specifications, samples or drawings. If the tool you needed is not in this catalog, we can make it special for you with the same quality and attention to detail that you get from all Action products.

The Specifications in this catalog are given as general information and are not binding. Due to a policy of continuous improvement, ACTION TOOLS reserves the right to modify specifications without prior notice.

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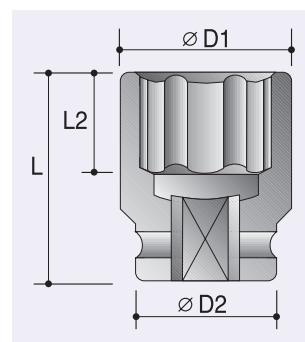
# 6-Point Sockets

|                 |                 |
|-----------------|-----------------|
| 1/4" Sq. Dr.,   | 6-Point Sockets |
| 3/8" Sq. Dr.,   | 6-Point Sockets |
| 1/2" Sq. Dr.,   | 6-Point Sockets |
| 3/4" Sq. Dr.,   | 6-Point Sockets |
| 1" Sq. Dr.,     | 6-Point Sockets |
| 1-1/2" Sq. Dr., | 6-Point Sockets |
| 2-1/2" Sq. Dr., | 6-Point Sockets |
| 5 Spline Dr.,   | 6-Point Sockets |

# Impact Sockets



6-Point Sockets



6-Point Sockets- Deep

## 6-Point Sockets

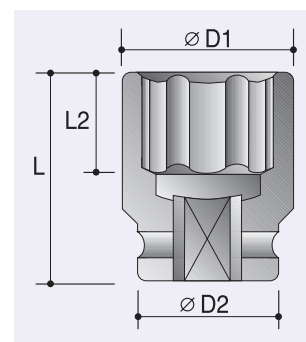
## 6-Point Sockets - Deep

| 1/4" Dr., |    |      |    |    |          |    |    |          |
|-----------|----|------|----|----|----------|----|----|----------|
|           | D2 | D1   | L2 | L  |          | L2 | L  |          |
| size      | mm | mm   | mm | mm | No.      | mm | mm | No.      |
| 3/16"     | 13 | 8.5  | 5  | 23 | 60400006 | 6  | 50 | 60402006 |
| 7/32"     | 13 | 9.5  | 5  | 23 | 60400007 | 6  | 50 | 60402007 |
| 1/4"      | 13 | 10.3 | 6  | 23 | 60400008 | 7  | 50 | 60402008 |
| 9/32"     | 13 | 11.3 | 6  | 23 | 60400009 | 7  | 50 | 60402009 |
| 5/16"     | 13 | 12.5 | 7  | 23 | 60400010 | 9  | 50 | 60402010 |
| 11/32"    | 13 | 13.8 | 7  | 23 | 60400011 | 9  | 50 | 60402011 |
| 3/8"      | 13 | 15   | 7  | 23 | 60400012 | 9  | 50 | 60402012 |
| 7/16"     | 13 | 16.3 | 8  | 23 | 60400014 | 9  | 50 | 60402014 |
| 1/2"      | 13 | 18.8 | 8  | 23 | 60400016 | 9  | 50 | 60402016 |
| 9/16"     | 13 | 20   | 8  | 23 | 60400018 | 9  | 50 | 60402018 |
| 4mm       | 13 | 7.6  | 4  | 23 | 60500040 | 4  | 50 | 60502040 |
| 4.5mm     | 13 | 8.2  | 5  | 23 | 60500045 | 6  | 50 | 60502045 |
| 5mm       | 13 | 8.8  | 5  | 23 | 60500050 | 6  | 50 | 60502050 |
| 5.5mm     | 13 | 9.5  | 5  | 23 | 60500055 | 6  | 50 | 60502055 |
| 6mm       | 13 | 10   | 6  | 23 | 60500060 | 7  | 50 | 60502060 |
| 7mm       | 13 | 11.3 | 6  | 23 | 60500070 | 7  | 50 | 60502070 |
| 8mm       | 13 | 12.5 | 7  | 23 | 60500080 | 9  | 50 | 60502080 |
| 9mm       | 13 | 13.8 | 7  | 23 | 60500090 | 9  | 50 | 60502090 |
| 10mm      | 13 | 15   | 7  | 23 | 60500100 | 9  | 50 | 60502100 |
| 11mm      | 13 | 16.3 | 8  | 23 | 60500110 | 9  | 50 | 60502110 |
| 12mm      | 13 | 17   | 8  | 23 | 60500120 | 9  | 50 | 60502120 |
| 13mm      | 13 | 18.8 | 8  | 23 | 60500130 | 9  | 50 | 60502130 |
| 14mm      | 13 | 20   | 8  | 23 | 60500140 | 9  | 50 | 60502140 |
| 15mm      | 13 | 21   | 8  | 23 | 60500150 | 9  | 50 | 60502150 |

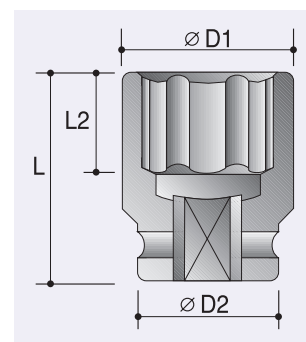
## 6-Point Sockets

### □ 3/8" Dr.,

|        | D2 | D1   | L2 | L  |          |
|--------|----|------|----|----|----------|
| size   | mm | mm   | mm | mm | No.      |
| 1/4"   | 19 | 11   | 4  | 30 | 60010008 |
| 5/16"  | 19 | 12.5 | 8  | 30 | 60010010 |
| 3/8"   | 19 | 14.5 | 8  | 30 | 60010012 |
| 7/16"  | 19 | 17   | 9  | 30 | 60010014 |
| 1/2"   | 19 | 19   | 9  | 30 | 60010016 |
| 9/16"  | 20 | 20   | 9  | 30 | 60010018 |
| 5/8"   | 24 | 24   | 11 | 30 | 60010020 |
| 11/16" | 24 | 24   | 11 | 30 | 60010022 |
| 3/4"   | 26 | 26   | 11 | 30 | 60010024 |
| 13/16" | 28 | 28   | 13 | 30 | 60010026 |
| 7/8"   | 30 | 30   | 13 | 30 | 60010028 |
| 15/16" | 32 | 32   | 13 | 30 | 60010030 |
| 1"     | 34 | 34   | 13 | 30 | 60010100 |
| <hr/>  |    |      |    |    |          |
| 6mm    | 19 | 10.5 | 4  | 30 | 61110006 |
| 7mm    | 19 | 11.5 | 8  | 30 | 61110007 |
| 8mm    | 19 | 12.5 | 8  | 30 | 61110008 |
| 9mm    | 19 | 14   | 8  | 30 | 61110009 |
| 10mm   | 19 | 15   | 8  | 30 | 61110010 |
| 11mm   | 19 | 17   | 9  | 30 | 61110011 |
| 12mm   | 19 | 17.5 | 9  | 30 | 61110012 |
| 13mm   | 19 | 19   | 9  | 30 | 61110013 |
| 14mm   | 20 | 20   | 9  | 30 | 61110014 |
| <hr/>  |    |      |    |    |          |
| 6mm    | 19 | 11   | 4  | 30 | 60510006 |
| 7mm    | 19 | 12.5 | 8  | 30 | 60510007 |
| 8mm    | 19 | 13.8 | 8  | 30 | 60510008 |
| 9mm    | 19 | 15   | 8  | 30 | 60510009 |
| 10mm   | 19 | 16   | 8  | 30 | 60510010 |
| 11mm   | 19 | 17.5 | 9  | 30 | 60510011 |
| 12mm   | 19 | 19   | 9  | 30 | 60510012 |
| 13mm   | 22 | 20   | 9  | 30 | 60510013 |
| 14mm   | 22 | 21   | 9  | 30 | 60510014 |
| 15mm   | 22 | 22   | 11 | 30 | 60510015 |
| 16mm   | 22 | 24   | 11 | 30 | 60510016 |
| 17mm   | 22 | 25   | 11 | 30 | 60510017 |
| 18mm   | 22 | 26   | 11 | 30 | 60510018 |
| 19mm   | 22 | 27.5 | 11 | 30 | 60510019 |
| 20mm   | 22 | 28   | 12 | 30 | 60510020 |
| 21mm   | 22 | 30   | 13 | 30 | 60510021 |
| 22mm   | 23 | 32   | 13 | 30 | 60510022 |
| 24mm   | 23 | 34   | 13 | 30 | 60510024 |



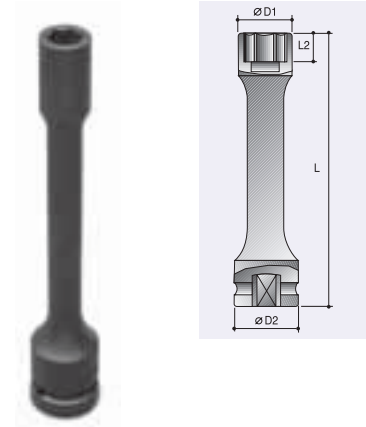
# Impact Sockets



## 6-Point Sockets - Deep

### □ 3/8" Dr.,

|        | D2 | D1   | L2 | L  |          |      | D2 | D1   | L2 | L  |          |
|--------|----|------|----|----|----------|------|----|------|----|----|----------|
| size   | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm | No.      |
| 1/4"   | 19 | 12.0 | 4  | 55 | 60411008 | 6mm  | 19 | 11.5 | 4  | 55 | 60511006 |
| 5/16"  | 19 | 14.0 | 4  | 55 | 60411010 | 7mm  | 19 | 12.5 | 4  | 55 | 60511007 |
| 3/8"   | 19 | 15.7 | 5  | 55 | 60411012 | 8mm  | 19 | 14   | 4  | 55 | 60511008 |
| 7/16"  | 19 | 18.0 | 6  | 55 | 60411014 | 9mm  | 19 | 15   | 5  | 55 | 60511009 |
| 1/2"   | 19 | 20.0 | 6  | 55 | 60411016 | 10mm | 19 | 16.5 | 5  | 55 | 60511010 |
| 9/16"  | 22 | 21.5 | 7  | 55 | 60411018 | 11mm | 19 | 17.5 | 6  | 55 | 60511011 |
| 5/8"   | 22 | 24.0 | 7  | 55 | 60411020 | 12mm | 19 | 19   | 6  | 55 | 60511012 |
| 11/16" | 22 | 25.5 | 7  | 55 | 60411022 | 13mm | 22 | 20   | 6  | 55 | 60511013 |
| 3/4"   | 22 | 27.5 | 8  | 55 | 60411024 | 14mm | 22 | 21.5 | 7  | 55 | 60511014 |
| 1/4"   | 19 | 11   | 5  | 63 | 60012008 | 15mm | 22 | 22   | 7  | 55 | 60511015 |
| 5/16"  | 19 | 12.5 | 12 | 63 | 60012010 | 16mm | 22 | 24   | 7  | 55 | 60511016 |
| 3/8"   | 19 | 14.5 | 12 | 65 | 60012012 | 17mm | 22 | 25   | 7  | 55 | 60511017 |
| 7/16"  | 19 | 17   | 25 | 65 | 60012014 | 18mm | 22 | 26   | 8  | 55 | 60511018 |
| 1/2"   | 19 | 19   | 25 | 65 | 60012016 | 19mm | 22 | 27.5 | 8  | 55 | 60511019 |
| 9/16"  | 20 | 20   | 25 | 65 | 60012018 | 6mm  | 19 | 11   | 5  | 63 | 60512006 |
| 5/8"   | 24 | 24   | 25 | 65 | 60012020 | 7mm  | 19 | 12.5 | 12 | 63 | 60512007 |
| 11/16" | 24 | 24   | 25 | 65 | 60012022 | 8mm  | 19 | 13.8 | 12 | 63 | 60512008 |
| 3/4"   | 26 | 26   | 25 | 65 | 60012024 | 9mm  | 19 | 15   | 12 | 65 | 60512009 |
| 13/16" | 28 | 28   | 25 | 65 | 60012026 | 10mm | 19 | 16   | 22 | 65 | 60512010 |
| 7/8"   | 30 | 30   | 25 | 65 | 60012028 | 11mm | 19 | 17.5 | 22 | 65 | 60512011 |
| 15/16" | 32 | 32   | 25 | 65 | 60012030 | 12mm | 19 | 19   | 22 | 65 | 60512012 |
| 1"     | 34 | 34   | 25 | 65 | 60012100 | 13mm | 22 | 20   | 22 | 65 | 60512013 |
|        |    |      |    |    |          | 14mm | 22 | 21   | 22 | 65 | 60512014 |
|        |    |      |    |    |          | 15mm | 22 | 22   | 22 | 65 | 60512015 |
|        |    |      |    |    |          | 16mm | 22 | 24   | 25 | 65 | 60512016 |
|        |    |      |    |    |          | 17mm | 22 | 25   | 25 | 65 | 60512017 |
|        |    |      |    |    |          | 18mm | 22 | 26   | 25 | 65 | 60512018 |
|        |    |      |    |    |          | 19mm | 22 | 27.5 | 25 | 65 | 60512019 |
|        |    |      |    |    |          | 20mm | 22 | 28   | 25 | 65 | 60512020 |
|        |    |      |    |    |          | 21mm | 22 | 30   | 25 | 65 | 60512021 |
|        |    |      |    |    |          | 22mm | 23 | 32   | 25 | 65 | 60512022 |
|        |    |      |    |    |          | 24mm | 23 | 34   | 25 | 65 | 60512024 |



## 6-Point Sockets - Extended Length

### 3/8" Dr.,

|        | D2 | D1   | L2 | L   |          | L   |          | L   |           | L   |          | L   |          |
|--------|----|------|----|-----|----------|-----|----------|-----|-----------|-----|----------|-----|----------|
| size   | mm | mm   | mm | mm  | No.      | mm  | No.      | mm  | Order No. | mm  | No.      | mm  | No.      |
| 1/4"   | 19 | 11   | 4  | 125 | 6061F008 | 150 | 60615008 | 175 | 6061G008  | 200 | 60616008 | 250 | 60617008 |
| 5/16"  | 19 | 13   | 6  | 125 | 6061F010 | 150 | 60615010 | 175 | 6061G010  | 200 | 60616010 | 250 | 60617010 |
| 3/8"   | 19 | 15   | 8  | 125 | 6061F012 | 150 | 60615012 | 175 | 6061G012  | 200 | 60616012 | 250 | 60617012 |
| 7/16"  | 19 | 17.5 | 9  | 125 | 6061F014 | 150 | 60615014 | 175 | 6061G014  | 200 | 60616014 | 250 | 60617014 |
| 1/2"   | 19 | 20   | 9  | 125 | 6061F016 | 150 | 60615016 | 175 | 6061G016  | 200 | 60616016 | 250 | 60617016 |
| 9/16"  | 22 | 21   | 9  | 125 | 6061F018 | 150 | 60615018 | 175 | 6061G018  | 200 | 60616018 | 250 | 60617018 |
| 5/8"   | 22 | 24   | 11 | 125 | 6061F020 | 150 | 60615020 | 175 | 6061G020  | 200 | 60616020 | 250 | 60617020 |
| 11/16" | 22 | 25   | 12 | 125 | 6061F022 | 150 | 60615022 | 175 | 6061G022  | 200 | 60616022 | 250 | 60617022 |
| 3/4"   | 22 | 27   | 12 | 125 | 6061F024 | 150 | 60615024 | 175 | 6061G024  | 200 | 60616024 | 250 | 60617024 |
| 13/16" | 22 | 30   | 13 | 125 | 6061F026 | 150 | 60615026 | 175 | 6061G026  | 200 | 60616026 | 250 | 60617026 |
| 7/8"   | 23 | 31   | 14 | 125 | 6061F028 | 150 | 60615028 | 175 | 6061G028  | 200 | 60616028 | 250 | 60617028 |
| 6mm    | 19 | 11   | 4  | 125 | 6071F006 | 150 | 60715006 | 175 | 6071G006  | 200 | 60716006 | 250 | 60717006 |
| 7mm    | 19 | 12   | 6  | 125 | 6071F007 | 150 | 60715007 | 175 | 6071G007  | 200 | 60716007 | 250 | 60717007 |
| 8mm    | 19 | 13   | 8  | 125 | 6071F008 | 150 | 60715008 | 175 | 6071G008  | 200 | 60716008 | 250 | 60717008 |
| 9mm    | 19 | 15   | 8  | 125 | 6071F009 | 150 | 60715009 | 175 | 6071G009  | 200 | 60716009 | 250 | 60717009 |
| 10mm   | 19 | 16   | 8  | 125 | 6071F010 | 150 | 60715010 | 175 | 6071G010  | 200 | 60716010 | 250 | 60717010 |
| 11mm   | 19 | 17.5 | 9  | 125 | 6071F011 | 150 | 60715011 | 175 | 6071G011  | 200 | 60716011 | 250 | 60717011 |
| 12mm   | 19 | 18.5 | 9  | 125 | 6071F012 | 150 | 60715012 | 175 | 6071G012  | 200 | 60716012 | 250 | 60717012 |
| 13mm   | 22 | 20   | 9  | 125 | 6071F013 | 150 | 60715013 | 175 | 6071G013  | 200 | 60716013 | 250 | 60717013 |
| 14mm   | 22 | 21   | 9  | 125 | 6071F014 | 150 | 60715014 | 175 | 6071G014  | 200 | 60716014 | 250 | 60717014 |
| 15mm   | 22 | 22   | 11 | 125 | 6071F015 | 150 | 60715015 | 175 | 6071G015  | 200 | 60716015 | 250 | 60717015 |
| 16mm   | 22 | 24   | 11 | 125 | 6071F016 | 150 | 60715016 | 175 | 6071G016  | 200 | 60716016 | 250 | 60717016 |
| 17mm   | 22 | 25   | 11 | 125 | 6071F017 | 150 | 60715017 | 175 | 6071G017  | 200 | 60716017 | 250 | 60717017 |
| 18mm   | 22 | 26   | 12 | 125 | 6071F018 | 150 | 60715018 | 175 | 6071G018  | 200 | 60716018 | 250 | 60717018 |
| 19mm   | 22 | 27   | 12 | 125 | 6071F019 | 150 | 60715019 | 175 | 6071G019  | 200 | 60716019 | 250 | 60717019 |
| 20mm   | 22 | 28   | 12 | 125 | 6071F020 | 150 | 60715020 | 175 | 6071G020  | 200 | 60716020 | 250 | 60717020 |
| 21mm   | 22 | 30   | 13 | 125 | 6071F021 | 150 | 60715021 | 175 | 6071G021  | 200 | 60716021 | 250 | 60717021 |
| 22mm   | 23 | 31   | 14 | 125 | 6071F022 | 150 | 60715022 | 175 | 6071G022  | 200 | 60716022 | 250 | 60717022 |

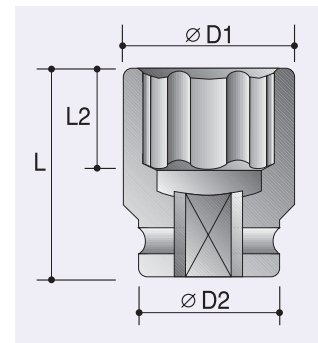
# Impact Sockets

## 6-Point Sockets

## 6-Point Sockets - Deep

1/2" Dr.,

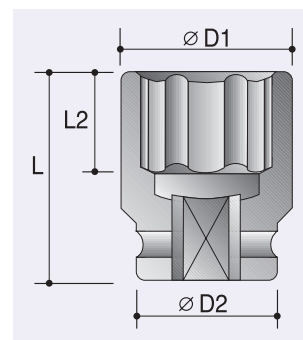
|          | D2 | D1   | L2 | L  |          | D2 | D1   | L2 | L  |          |
|----------|----|------|----|----|----------|----|------|----|----|----------|
| size     | mm | mm   | mm | mm | No.      | mm | mm   | mm | mm | No.      |
| 1/4"     | 22 | 13   | 5  | 38 | 60020008 | 22 | 13   | 5  | 78 | 60022008 |
| 5/16"    | 22 | 15   | 9  | 38 | 60020010 | 22 | 15   | 13 | 78 | 60022010 |
| 3/8"     | 22 | 16   | 12 | 38 | 60020012 | 22 | 16   | 14 | 78 | 60022012 |
| 7/16"    | 22 | 18   | 12 | 38 | 60020014 | 22 | 18   | 14 | 78 | 60022014 |
| 1/2"     | 22 | 20   | 12 | 38 | 60020016 | 22 | 20   | 14 | 78 | 60022016 |
| 9/16"    | 24 | 22   | 12 | 38 | 60020018 | 24 | 22   | 17 | 78 | 60022018 |
| 5/8"     | 25 | 25   | 12 | 38 | 60020020 | 24 | 24   | 17 | 78 | 60022020 |
| 11/16"   | 26 | 26   | 13 | 38 | 60020022 | 26 | 26   | 17 | 78 | 60022022 |
| 3/4"     | 28 | 28   | 13 | 38 | 60020024 | 28 | 28   | 19 | 78 | 60022024 |
| 13/16"   | 30 | 30   | 13 | 38 | 60020026 | 30 | 30   | 24 | 78 | 60022026 |
| 7/8"     | 32 | 32   | 13 | 38 | 60020028 | 32 | 32   | 24 | 78 | 60022028 |
| 15/16"   | 34 | 34   | 13 | 38 | 60020030 | 34 | 34   | 24 | 78 | 60022030 |
| 1"       | 36 | 36   | 14 | 38 | 60020100 | 36 | 36   | 24 | 78 | 60022100 |
| 1-1/16"  | 38 | 38   | 16 | 40 | 60020102 | 38 | 38   | 24 | 78 | 60022102 |
| 1-1/8"   | 38 | 40   | 16 | 40 | 60020104 | 38 | 40   | 24 | 78 | 60022104 |
| 1-3/16"  | 38 | 42   | 16 | 40 | 60020106 | 38 | 42   | 24 | 78 | 60022106 |
| 1-1/4"   | 38 | 44   | 18 | 40 | 60020108 | 38 | 44   | 24 | 78 | 60022108 |
| 1-5/16"  | 38 | 45   | 21 | 43 | 60020110 | 38 | 45   | 24 | 78 | 60022110 |
| 1-3/8"   | 38 | 48.5 | 26 | 50 | 60020112 | 38 | 48.5 | 24 | 78 | 60022112 |
| 1-7/16"  | 38 | 50.5 | 26 | 50 | 60020114 | 38 | 50.5 | 24 | 78 | 60022114 |
| 1-1/2"   | 38 | 52.5 | 26 | 50 | 60020116 | 38 | 52.5 | 24 | 78 | 60022116 |
| 1-9/16"  | 44 | 56   | 24 | 60 | 60020118 | 44 | 56   | 58 | 93 | 60022118 |
| 1-5/8"   | 44 | 58.5 | 27 | 60 | 60020120 | 44 | 58.5 | 58 | 93 | 60022120 |
| 1-11/16" | 44 | 61   | 27 | 60 | 60020122 | 44 | 61   | 58 | 93 | 60022122 |
| 1-3/4"   | 44 | 63   | 27 | 60 | 60020124 | 44 | 63   | 58 | 93 | 60022124 |
| 1-13/16" | 44 | 65   | 30 | 70 | 60020126 | 44 | 65   | 58 | 93 | 60022126 |
| 1-7/8"   | 44 | 67.5 | 30 | 70 | 60020128 | 44 | 67.5 | 58 | 93 | 60022128 |
| 1-15/16" | 44 | 69   | 30 | 70 | 60020130 | 44 | 69   | 58 | 93 | 60022130 |
| 2"       | 52 | 71   | 32 | 70 | 60020200 | 52 | 71   | 58 | 93 | 60022200 |
| 2-1/16"  | 52 | 72.5 | 32 | 70 | 60020202 | 52 | 72.5 | 58 | 93 | 60022202 |
| 2-1/8"   | 52 | 75   | 32 | 70 | 60020204 | 52 | 75   | 58 | 93 | 60022204 |
| 2-3/16"  | 52 | 76.5 | 35 | 70 | 60020206 | 52 | 76.5 | 58 | 93 | 60022206 |
| 2-1/4"   | 52 | 78   | 35 | 70 | 60020208 | 52 | 78   | 58 | 93 | 60022208 |



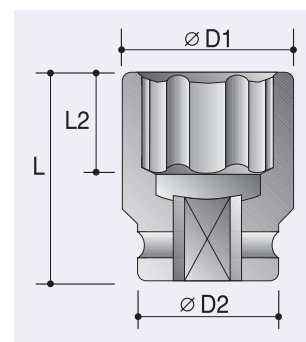
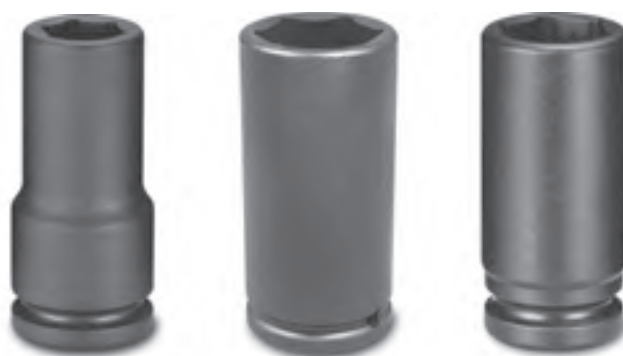
## 6-Point Sockets

### 1/2" Dr.,

|      | D2 | D1   | L2 | L  |          |      | D2 | D1   | L2 | L  |          |
|------|----|------|----|----|----------|------|----|------|----|----|----------|
| size | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm | No.      |
| 6mm  | 25 | 13   | 5  | 38 | 60520006 | 31mm | 30 | 43   | 28 | 50 | 60520031 |
| 7mm  | 25 | 14   | 5  | 38 | 60520007 | 32mm | 30 | 44   | 28 | 50 | 60520032 |
| 8mm  | 25 | 15   | 9  | 38 | 60520008 | 33mm | 30 | 45   | 28 | 50 | 60520033 |
| 9mm  | 25 | 16   | 12 | 38 | 60520009 | 34mm | 30 | 48   | 22 | 50 | 60520034 |
| 10mm | 25 | 17.5 | 12 | 38 | 60520010 | 35mm | 30 | 47   | 28 | 50 | 60520035 |
| 11mm | 25 | 18.7 | 12 | 38 | 60520011 | 36mm | 30 | 49   | 28 | 50 | 60520036 |
| 12mm | 25 | 20   | 12 | 38 | 60520012 | 38mm | 38 | 53   | 24 | 50 | 60520038 |
| 13mm | 25 | 21   | 12 | 38 | 60520013 | 39mm | 44 | 54.5 | 24 | 60 | 60520039 |
| 14mm | 25 | 22.5 | 12 | 38 | 60520014 | 40mm | 44 | 56   | 24 | 60 | 60520040 |
| 15mm | 30 | 23.7 | 12 | 38 | 60520015 | 41mm | 44 | 58   | 27 | 60 | 60520041 |
| 16mm | 30 | 25   | 12 | 38 | 60520016 | 42mm | 44 | 60   | 27 | 60 | 60520042 |
| 17mm | 30 | 26   | 13 | 38 | 60520017 | 43mm | 44 | 61   | 27 | 60 | 60520043 |
| 18mm | 30 | 27.5 | 13 | 38 | 60520018 | 44mm | 44 | 63   | 27 | 60 | 60520044 |
| 19mm | 30 | 28.7 | 13 | 38 | 60520019 | 45mm | 44 | 64   | 27 | 60 | 60520045 |
| 20mm | 30 | 30   | 13 | 38 | 60520020 | 46mm | 44 | 65   | 30 | 70 | 60520046 |
| 21mm | 30 | 30   | 13 | 38 | 60520021 | 47mm | 44 | 66.5 | 30 | 70 | 60520047 |
| 22mm | 30 | 32   | 13 | 38 | 60520022 | 48mm | 44 | 68   | 30 | 70 | 60520048 |
| 23mm | 30 | 32   | 13 | 38 | 60520023 | 49mm | 44 | 69   | 30 | 70 | 60520049 |
| 24mm | 30 | 35   | 20 | 45 | 60520024 | 50mm | 52 | 70   | 32 | 70 | 60520050 |
| 25mm | 30 | 36   | 20 | 45 | 60520025 | 51mm | 52 | 71   | 32 | 70 | 60520051 |
| 26mm | 30 | 38   | 22 | 50 | 60520026 | 52mm | 52 | 72.5 | 32 | 70 | 60520052 |
| 27mm | 30 | 38.7 | 22 | 50 | 60520027 | 53mm | 52 | 74   | 32 | 70 | 60520053 |
| 28mm | 30 | 40   | 22 | 50 | 60520028 | 54mm | 52 | 75   | 32 | 70 | 60520054 |
| 29mm | 30 | 40   | 22 | 50 | 60520029 | 55mm | 52 | 76   | 35 | 70 | 60520055 |
| 30mm | 30 | 42   | 22 | 50 | 60520030 | 56mm | 52 | 77   | 35 | 70 | 60520056 |
| 6mm  | 25 | 13   | 5  | 38 | 60720006 | 57mm | 52 | 78   | 35 | 70 | 60520057 |
| 7mm  | 25 | 14   | 5  | 38 | 60720007 | 58mm | 52 | 79   | 37 | 70 | 60520058 |
| 8mm  | 25 | 14   | 9  | 38 | 60720008 |      |    |      |    |    |          |
| 9mm  | 25 | 15   | 12 | 38 | 60720009 |      |    |      |    |    |          |
| 10mm | 25 | 16   | 12 | 38 | 60720010 |      |    |      |    |    |          |
| 11mm | 25 | 17.5 | 12 | 38 | 60720011 |      |    |      |    |    |          |
| 12mm | 25 | 19   | 12 | 38 | 60720012 |      |    |      |    |    |          |
| 13mm | 25 | 20   | 12 | 38 | 60720013 |      |    |      |    |    |          |
| 14mm | 25 | 22   | 12 | 38 | 60720014 |      |    |      |    |    |          |
| 15mm | 25 | 23   | 12 | 38 | 60720015 |      |    |      |    |    |          |
| 16mm | 25 | 25   | 12 | 38 | 60720016 |      |    |      |    |    |          |
| 17mm | 26 | 26   | 13 | 38 | 60720017 |      |    |      |    |    |          |
| 18mm | 26 | 26   | 13 | 38 | 60720018 |      |    |      |    |    |          |
| 19mm | 28 | 28   | 13 | 38 | 60720019 |      |    |      |    |    |          |



# Impact Sockets



## 6-Point Sockets - Deep

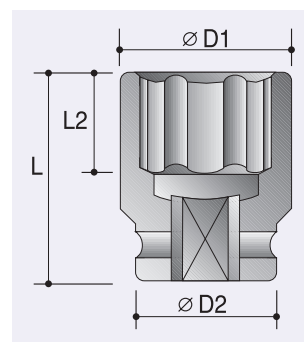
1/2" Dr.,

| size | D2 | D1   | L2 | L  | No.      | size | D2 | D1   | L2 | L  | No.      |
|------|----|------|----|----|----------|------|----|------|----|----|----------|
| mm   | mm | mm   | mm | mm |          | mm   | mm | mm   | mm | mm |          |
| 6mm  | 25 | 13   | 5  | 78 | 60522006 | 31mm | 30 | 43   | 24 | 78 | 60522031 |
| 7mm  | 25 | 14   | 5  | 78 | 60522007 | 32mm | 30 | 44   | 24 | 78 | 60522032 |
| 8mm  | 25 | 15   | 13 | 78 | 60522008 | 33mm | 30 | 46.5 | 24 | 78 | 60522033 |
| 9mm  | 25 | 16   | 14 | 78 | 60522009 | 34mm | 30 | 48   | 24 | 78 | 60522034 |
| 10mm | 25 | 17.5 | 14 | 78 | 60522010 | 35mm | 30 | 49.5 | 24 | 78 | 60522035 |
| 11mm | 25 | 18.7 | 14 | 78 | 60522011 | 36mm | 30 | 50.5 | 24 | 78 | 60522036 |
| 12mm | 25 | 20   | 14 | 78 | 60522012 | 38mm | 38 | 53   | 24 | 90 | 60522038 |
| 13mm | 25 | 21   | 14 | 78 | 60522013 | 39mm | 44 | 54.5 | 24 | 93 | 60522039 |
| 14mm | 25 | 22.5 | 17 | 78 | 60522014 | 40mm | 44 | 56   | 58 | 93 | 60522040 |
| 15mm | 30 | 23.7 | 17 | 78 | 60522015 | 41mm | 44 | 58   | 58 | 93 | 60522041 |
| 16mm | 30 | 25   | 17 | 78 | 60522016 | 42mm | 44 | 60   | 58 | 93 | 60522042 |
| 17mm | 30 | 26   | 17 | 78 | 60522017 | 43mm | 44 | 61   | 58 | 93 | 60522043 |
| 18mm | 30 | 27.5 | 17 | 78 | 60522018 | 44mm | 44 | 63   | 58 | 93 | 60522044 |
| 19mm | 30 | 28.7 | 19 | 78 | 60522019 | 45mm | 44 | 64   | 58 | 93 | 60522045 |
| 20mm | 30 | 30   | 19 | 78 | 60522020 | 46mm | 44 | 65   | 58 | 93 | 60522046 |
| 21mm | 30 | 30   | 24 | 78 | 60522021 | 47mm | 44 | 66.5 | 58 | 93 | 60522047 |
| 22mm | 30 | 32   | 24 | 78 | 60522022 | 48mm | 44 | 68   | 58 | 93 | 60522048 |
| 23mm | 30 | 32   | 24 | 78 | 60522023 | 49mm | 44 | 69   | 58 | 93 | 60522049 |
| 24mm | 30 | 35   | 24 | 78 | 60522024 | 50mm | 52 | 70   | 58 | 93 | 60522050 |
| 25mm | 30 | 36   | 24 | 78 | 60522025 | 51mm | 52 | 71   | 58 | 93 | 60522051 |
| 26mm | 30 | 38   | 24 | 78 | 60522026 | 52mm | 52 | 72.5 | 58 | 93 | 60522052 |
| 27mm | 30 | 38.7 | 24 | 78 | 60522027 | 53mm | 52 | 74   | 58 | 93 | 60522053 |
| 28mm | 30 | 40   | 24 | 78 | 60522028 | 54mm | 52 | 75   | 58 | 93 | 60522054 |
| 29mm | 30 | 40   | 24 | 78 | 60522029 | 55mm | 52 | 76   | 58 | 93 | 60522055 |
| 30mm | 30 | 42   | 24 | 78 | 60522030 | 56mm | 52 | 77   | 58 | 93 | 60522056 |
|      |    |      |    |    |          | 57mm | 52 | 78   | 58 | 93 | 60522057 |
|      |    |      |    |    |          | 58mm | 52 | 79   | 58 | 93 | 60522058 |

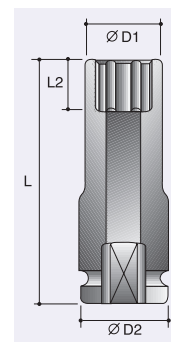
## 6-Point Sockets - Semi-Deep

### 1/2" Dr.,

|        | D2 | D1   | L2 | L  |          |
|--------|----|------|----|----|----------|
| size   | mm | mm   | mm | mm | No.      |
| 3/8"   | 26 | 16   | 14 | 52 | 60621012 |
| 7/16"  | 26 | 17.5 | 14 | 52 | 60621014 |
| 1/2"   | 26 | 20   | 14 | 52 | 60621016 |
| 9/16"  | 26 | 22   | 17 | 52 | 60621018 |
| 5/8"   | 26 | 26   | 17 | 52 | 60621020 |
| 11/16" | 26 | 26   | 17 | 52 | 60621022 |
| 3/4"   | 28 | 28   | 19 | 52 | 60621024 |
| 13/16" | 28 | 30   | 24 | 52 | 60621026 |
| 7/8"   | 28 | 32   | 24 | 52 | 60621028 |
| 15/16" | 28 | 34   | 24 | 52 | 60621030 |
| 10mm   | 26 | 16   | 14 | 52 | 60721010 |
| 11mm   | 26 | 17.5 | 14 | 52 | 60721011 |
| 12mm   | 26 | 19   | 14 | 52 | 60721012 |
| 13mm   | 26 | 20   | 14 | 52 | 60721013 |
| 14mm   | 26 | 22   | 17 | 52 | 60721014 |
| 16mm   | 26 | 26   | 17 | 52 | 60721016 |
| 17mm   | 26 | 26   | 17 | 52 | 60721017 |
| 19mm   | 28 | 28   | 19 | 52 | 60721019 |
| 21mm   | 28 | 30   | 24 | 52 | 60721021 |
| 22mm   | 28 | 32   | 24 | 52 | 60721022 |
| 23mm   | 28 | 32   | 24 | 52 | 60721023 |
| 24mm   | 28 | 34   | 24 | 52 | 60721024 |



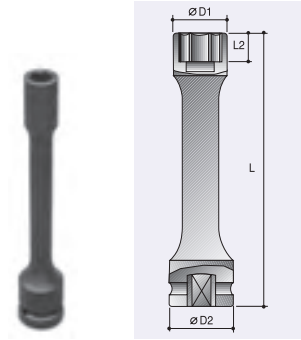
# Impact Sockets



## 6-Point Sockets - Extral Deep

### 1/2" Dr.,

| size    | D2 | D1   | L2 | L   | No.      | size | D2 | D1   | L2 | L   | No.      |
|---------|----|------|----|-----|----------|------|----|------|----|-----|----------|
| mm      | mm | mm   | mm | mm  |          | mm   | mm | mm   | mm | mm  |          |
| 5/16"   | 24 | 15   | 13 | 127 | 60024010 | 8mm  | 24 | 15   | 13 | 127 | 60124008 |
| 3/8"    | 24 | 16   | 14 | 127 | 60024012 | 9mm  | 24 | 15   | 14 | 127 | 60124009 |
| 7/16"   | 24 | 18   | 14 | 127 | 60024014 | 10mm | 24 | 17   | 14 | 127 | 60124010 |
| 1/2"    | 24 | 20   | 14 | 127 | 60024016 | 11mm | 24 | 18   | 14 | 127 | 60124011 |
| 9/16"   | 24 | 22   | 24 | 127 | 60024018 | 12mm | 24 | 19   | 14 | 127 | 60124012 |
| 5/8"    | 24 | 24   | 24 | 127 | 60024020 | 13mm | 24 | 20   | 14 | 127 | 60124013 |
| 11/16"  | 26 | 26   | 24 | 127 | 60024022 | 14mm | 24 | 22   | 24 | 127 | 60124014 |
| 3/4"    | 28 | 28   | 24 | 127 | 60024024 | 15mm | 24 | 24   | 24 | 127 | 60124015 |
| 13/16"  | 30 | 30   | 24 | 127 | 60024026 | 16mm | 24 | 24   | 24 | 127 | 60124016 |
| 7/8"    | 32 | 32   | 24 | 127 | 60024028 | 17mm | 26 | 26   | 24 | 127 | 60124017 |
| 15/16"  | 34 | 34   | 24 | 127 | 60024030 | 18mm | 26 | 26   | 24 | 127 | 60124018 |
| 1"      | 36 | 36   | 24 | 127 | 60024100 | 19mm | 28 | 28   | 24 | 127 | 60124019 |
| 1-1/16" | 38 | 38   | 24 | 127 | 60024102 | 20mm | 30 | 30   | 24 | 127 | 60124020 |
| 1-1/8"  | 38 | 40   | 24 | 127 | 60024104 | 21mm | 30 | 30   | 24 | 127 | 60124021 |
| 1-3/16" | 38 | 42   | 24 | 127 | 60024106 | 22mm | 32 | 32   | 24 | 127 | 60124022 |
| 1-1/4"  | 38 | 44   | 24 | 127 | 60024108 | 23mm | 32 | 32   | 24 | 127 | 60124023 |
| 1-5/16" | 38 | 46   | 24 | 127 | 60024110 | 24mm | 34 | 34   | 24 | 127 | 60124024 |
| 1-3/8"  | 38 | 48.5 | 24 | 127 | 60024112 | 25mm | 36 | 36   | 24 | 127 | 60124025 |
| 1-7/16" | 38 | 50.5 | 24 | 127 | 60024114 | 26mm | 36 | 36   | 24 | 127 | 60124026 |
| 1-1/2"  | 38 | 52.5 | 24 | 127 | 60024116 | 27mm | 38 | 38   | 24 | 127 | 60124027 |
|         |    |      |    |     |          | 28mm | 38 | 40   | 24 | 127 | 60124028 |
|         |    |      |    |     |          | 29mm | 38 | 40   | 24 | 127 | 60124029 |
|         |    |      |    |     |          | 30mm | 38 | 42   | 24 | 127 | 60124030 |
|         |    |      |    |     |          | 32mm | 38 | 44   | 24 | 127 | 60124032 |
|         |    |      |    |     |          | 33mm | 38 | 45   | 24 | 127 | 60124033 |
|         |    |      |    |     |          | 34mm | 38 | 46   | 24 | 127 | 60124034 |
|         |    |      |    |     |          | 35mm | 38 | 48.5 | 24 | 127 | 60124035 |
|         |    |      |    |     |          | 36mm | 38 | 48.5 | 24 | 127 | 60124036 |
|         |    |      |    |     |          | 38mm | 38 | 52.5 | 24 | 127 | 60124038 |



## 6-Point Sockets - Extended Length

### 1/2" Dr.,

|         | D2 | D1   | L2 | L   |          | L   |          | L   |          | L   |          | L   |          |
|---------|----|------|----|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| size    | mm | mm   | mm | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      |
| 5/16"   | 25 | 15   | 10 | 125 | 6062F010 | 150 | 60625010 | 175 | 6062G010 | 200 | 60626010 | 250 | 60627010 |
| 3/8"    | 25 | 17.5 | 12 | 125 | 6062F012 | 150 | 60625012 | 175 | 6062G012 | 200 | 60626012 | 250 | 60627012 |
| 7/16"   | 25 | 18.5 | 12 | 125 | 6062F014 | 150 | 60625014 | 175 | 6062G014 | 200 | 60626014 | 250 | 60627014 |
| 1/2"    | 25 | 21   | 12 | 125 | 6062F016 | 150 | 60625016 | 175 | 6062G016 | 200 | 60626016 | 250 | 60627016 |
| 9/16"   | 25 | 22.5 | 12 | 125 | 6062F018 | 150 | 60625018 | 175 | 6062G018 | 200 | 60626018 | 250 | 60627018 |
| 5/8"    | 28 | 25   | 13 | 125 | 6062F020 | 150 | 60625020 | 175 | 6062G020 | 200 | 60626020 | 250 | 60627020 |
| 11/16"  | 30 | 27.5 | 13 | 125 | 6062F022 | 150 | 60625022 | 175 | 6062G022 | 200 | 60626022 | 250 | 60627022 |
| 3/4"    | 30 | 28.5 | 13 | 125 | 6062F024 | 150 | 60625024 | 175 | 6062G024 | 200 | 60626024 | 250 | 60627024 |
| 13/16"  | 30 | 31   | 13 | 125 | 6062F026 | 150 | 60625026 | 175 | 6062G026 | 200 | 60626026 | 250 | 60627026 |
| 7/8"    | 30 | 32   | 14 | 125 | 6062F028 | 150 | 60625028 | 175 | 6062G028 | 200 | 60626028 | 250 | 60627028 |
| 15/16"  | 30 | 35   | 15 | 125 | 6062F030 | 150 | 60625030 | 175 | 6062G030 | 200 | 60626030 | 250 | 60627030 |
| 1"      | 30 | 38   | 16 | 125 | 6062F100 | 150 | 60625100 | 175 | 6062G100 | 200 | 60626100 | 250 | 60627100 |
| 1-1/16" | 30 | 38.5 | 17 | 125 | 6062F102 | 150 | 60625102 | 175 | 6062G102 | 200 | 60626102 | 250 | 60627102 |
| 8mm     | 25 | 15   | 10 | 125 | 6072F008 | 150 | 60725008 | 175 | 6072G008 | 200 | 60726008 | 250 | 60727008 |
| 9mm     | 25 | 16   | 12 | 125 | 6072F009 | 150 | 60725009 | 175 | 6072G009 | 200 | 60726009 | 250 | 60727009 |
| 10mm    | 25 | 17.5 | 12 | 125 | 6072F010 | 150 | 60725010 | 175 | 6072G010 | 200 | 60726010 | 250 | 60727010 |
| 11mm    | 25 | 18.5 | 12 | 125 | 6072F011 | 150 | 60725011 | 175 | 6072G011 | 200 | 60726011 | 250 | 60727011 |
| 12mm    | 25 | 20   | 12 | 125 | 6072F012 | 150 | 60725012 | 175 | 6072G012 | 200 | 60726012 | 250 | 60727012 |
| 13mm    | 25 | 21   | 12 | 125 | 6072F013 | 150 | 60725013 | 175 | 6072G013 | 200 | 60726013 | 250 | 60727013 |
| 14mm    | 25 | 22.5 | 12 | 125 | 6072F014 | 150 | 60725014 | 175 | 6072G014 | 200 | 60726014 | 250 | 60727014 |
| 15mm    | 30 | 23.5 | 12 | 125 | 6072F015 | 150 | 60725015 | 175 | 6072G015 | 200 | 60726015 | 250 | 60727015 |
| 16mm    | 30 | 25   | 13 | 125 | 6072F016 | 150 | 60725016 | 175 | 6072G016 | 200 | 60726016 | 250 | 60727016 |
| 17mm    | 30 | 26   | 13 | 125 | 6072F017 | 150 | 60725017 | 175 | 6072G017 | 200 | 60726017 | 250 | 60727017 |
| 18mm    | 30 | 27.5 | 13 | 125 | 6072F018 | 150 | 60725018 | 175 | 6072G018 | 200 | 60726018 | 250 | 60727018 |
| 19mm    | 30 | 28.5 | 13 | 125 | 6072F019 | 150 | 60725019 | 175 | 6072G019 | 200 | 60726019 | 250 | 60727019 |
| 20mm    | 30 | 30   | 13 | 125 | 6072F020 | 150 | 60725020 | 175 | 6072G020 | 200 | 60726020 | 250 | 60727020 |
| 21mm    | 30 | 31   | 13 | 125 | 6072F021 | 150 | 60725021 | 175 | 6072G021 | 200 | 60726021 | 250 | 60727021 |
| 22mm    | 30 | 32   | 14 | 125 | 6072F022 | 150 | 60725022 | 175 | 6072G022 | 200 | 60726022 | 250 | 60727022 |
| 23mm    | 30 | 34   | 14 | 125 | 6072F023 | 150 | 60725023 | 175 | 6072G023 | 200 | 60726023 | 250 | 60727023 |
| 24mm    | 30 | 35   | 15 | 125 | 6072F024 | 150 | 60725024 | 175 | 6072G024 | 200 | 60726024 | 250 | 60727024 |
| 25mm    | 30 | 36   | 15 | 125 | 6072F025 | 150 | 60725025 | 175 | 6072G025 | 200 | 60726025 | 250 | 60727025 |
| 26mm    | 30 | 38   | 16 | 125 | 6072F026 | 150 | 60725026 | 175 | 6072G026 | 200 | 60726026 | 250 | 60727026 |
| 27mm    | 30 | 38.5 | 17 | 125 | 6072F027 | 150 | 60725027 | 175 | 6072G027 | 200 | 60726027 | 250 | 60727027 |

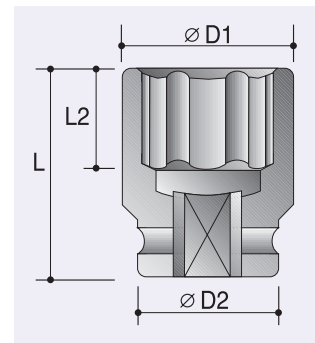
# Impact Sockets

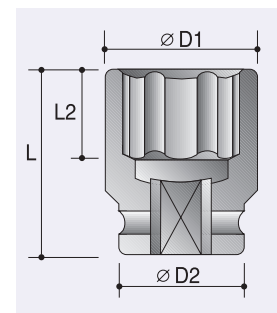
## 6-Point Sockets

## 6-Point Sockets - Deep

3/4" Dr.,

|          | D2 | D1   | L2 | L  |          | D2 | D1   | L2 | L   |          |
|----------|----|------|----|----|----------|----|------|----|-----|----------|
| size     | mm | mm   | mm | mm | No.      | mm | mm   | mm | mm  | No.      |
| 1/2"     | 38 | 22   | 9  | 50 | 60040016 | 38 | 22   | 13 | 85  | 60042016 |
| 9/16"    | 38 | 25.5 | 11 | 50 | 60040018 | 38 | 25.5 | 14 | 85  | 60042018 |
| 5/8"     | 38 | 27.5 | 11 | 50 | 60040020 | 38 | 27.5 | 16 | 85  | 60042020 |
| 11/16"   | 38 | 29   | 12 | 50 | 60040022 | 38 | 29   | 17 | 85  | 60042022 |
| 3/4"     | 38 | 30   | 13 | 50 | 60040024 | 38 | 30   | 19 | 85  | 60042024 |
| 13/16"   | 38 | 32   | 15 | 52 | 60040026 | 38 | 32   | 22 | 85  | 60042026 |
| 7/8"     | 38 | 34   | 15 | 52 | 60040028 | 38 | 34   | 22 | 85  | 60042028 |
| 15/16"   | 38 | 36   | 16 | 52 | 60040030 | 38 | 36   | 24 | 85  | 60042030 |
| 1"       | 38 | 40   | 16 | 52 | 60040100 | 38 | 40   | 25 | 85  | 60042100 |
| 1-1/16"  | 38 | 40   | 19 | 52 | 60040102 | 38 | 40   | 27 | 85  | 60042102 |
| 1-1/8"   | 42 | 42   | 21 | 52 | 60040104 | 42 | 42   | 29 | 85  | 60042104 |
| 1-3/16"  | 44 | 44   | 21 | 52 | 60040106 | 44 | 44   | 30 | 85  | 60042106 |
| 1-1/4"   | 44 | 44   | 22 | 52 | 60040108 | 44 | 49   | 32 | 85  | 60042108 |
| 1-5/16"  | 44 | 47   | 22 | 56 | 60040110 | 44 | 50   | 34 | 85  | 60042110 |
| 1-3/8"   | 44 | 50   | 22 | 56 | 60040112 | 44 | 50   | 35 | 85  | 60042112 |
| 1-7/16"  | 44 | 51   | 25 | 56 | 60040114 | 44 | 51   | 37 | 85  | 60042114 |
| 1-1/2"   | 44 | 53   | 25 | 56 | 60040116 | 44 | 57   | 38 | 95  | 60043116 |
| 1-9/16"  | 44 | 56   | 25 | 62 | 60040118 | 44 | 58   | 38 | 95  | 60043118 |
| 1-5/8"   | 44 | 58   | 27 | 62 | 60040120 | 44 | 60   | 38 | 95  | 60043120 |
| 1-11/16" | 44 | 63.5 | 27 | 62 | 60040122 | 44 | 63   | 38 | 95  | 60043122 |
| 1-3/4"   | 44 | 65   | 27 | 62 | 60040124 | 44 | 65   | 38 | 95  | 60043124 |
| 1-13/16" | 44 | 67   | 30 | 68 | 60040126 | 44 | 67   | 38 | 95  | 60043126 |
| 1-7/8"   | 44 | 68   | 30 | 68 | 60040128 | 44 | 68   | 38 | 95  | 60043128 |
| 1-15/16" | 44 | 70   | 30 | 70 | 60040130 | 44 | 70   | 38 | 95  | 60043130 |
| 2"       | 54 | 71   | 32 | 72 | 60040200 | 54 | 71   | 40 | 95  | 60043200 |
| 2-1/16"  | 54 | 74   | 32 | 72 | 60040202 | 54 | 74   | 40 | 95  | 60042202 |
| 2-1/8"   | 54 | 77   | 32 | 72 | 60040204 | 54 | 77   | 40 | 95  | 60042204 |
| 2-3/16"  | 54 | 77   | 35 | 74 | 60040206 | 54 | 77   | 40 | 100 | 60042206 |
| 2-1/4"   | 54 | 80   | 35 | 74 | 60040208 | 54 | 80   | 40 | 100 | 60042208 |
| 2-5/16"  | 54 | 82   | 37 | 75 | 60040210 | 54 | 82   | 40 | 100 | 60042210 |
| 2-3/8"   | 54 | 84   | 37 | 75 | 60040212 | 54 | 84   | 42 | 105 | 60042212 |
| 2-7/16"  | 54 | 86   | 37 | 75 | 60040214 | 54 | 86   | 42 | 105 | 60042214 |
| 2-1/2"   | 54 | 88   | 37 | 75 | 60040216 | 54 | 88   | 42 | 105 | 60042216 |
| 2-9/16"  | 54 | 90   | 40 | 78 | 60040218 | 54 | 90   | 66 | 105 | 60042218 |
| 2-5/8"   | 54 | 92   | 40 | 80 | 60040220 | 54 | 92   | 66 | 105 | 60042220 |
| 2-11/16" | 54 | 94   | 40 | 80 | 60040222 | 54 | 94   | 66 | 105 | 60042222 |
| 2-3/4"   | 54 | 96   | 40 | 80 | 60040224 | 54 | 96   | 66 | 105 | 60042224 |
| 2-13/16" | 54 | 98   | 42 | 83 | 60040226 | 54 | 98   | 68 | 108 | 60042226 |
| 2-7/8"   | 54 | 100  | 42 | 83 | 60040228 | 54 | 100  | 68 | 108 | 60042228 |
| 2-15/16" | 64 | 102  | 42 | 83 | 60040230 | 64 | 102  | 68 | 108 | 60042230 |
| 3"       | 64 | 104  | 45 | 85 | 60040300 | 64 | 104  | 70 | 110 | 60042300 |





## 6-Point Sockets

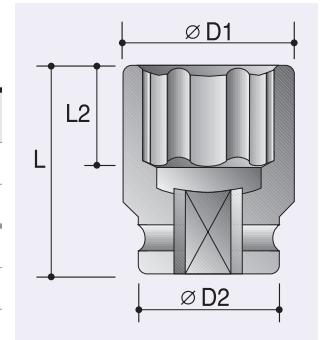
### 3/4" Dr.,

|      | D2 | D1   | L2 | L  |          |      | D2 | D1  | L2 | L  |          |
|------|----|------|----|----|----------|------|----|-----|----|----|----------|
| size | mm | mm   | mm | mm | No.      | size | mm | mm  | mm | mm | No.      |
| 13mm | 38 | 22   | 9  | 50 | 60140013 | 31mm | 44 | 48  | 21 | 56 | 60540031 |
| 14mm | 38 | 25.5 | 11 | 50 | 60140014 | 32mm | 44 | 49  | 22 | 56 | 60540032 |
| 15mm | 38 | 26   | 11 | 50 | 60140015 | 33mm | 44 | 51  | 22 | 56 | 60540033 |
| 16mm | 38 | 27.5 | 11 | 50 | 60140016 | 34mm | 44 | 52  | 22 | 56 | 60540034 |
| 17mm | 38 | 28.5 | 12 | 50 | 60140017 | 35mm | 44 | 53  | 22 | 56 | 60540035 |
| 18mm | 38 | 29.5 | 13 | 50 | 60140018 | 36mm | 44 | 54  | 25 | 56 | 60540036 |
| 19mm | 38 | 30   | 13 | 50 | 60140019 | 37mm | 44 | 56  | 25 | 58 | 60540037 |
| 20mm | 38 | 31   | 14 | 52 | 60140020 | 38mm | 44 | 57  | 25 | 58 | 60540038 |
| 21mm | 38 | 32   | 15 | 52 | 60140021 | 39mm | 44 | 58  | 25 | 58 | 60540039 |
| 22mm | 38 | 34   | 15 | 52 | 60140022 | 40mm | 44 | 58  | 25 | 58 | 60540040 |
| 23mm | 38 | 35   | 16 | 52 | 60140023 | 41mm | 44 | 60  | 27 | 58 | 60540041 |
| 24mm | 38 | 36   | 16 | 52 | 60140024 | 42mm | 44 | 62  | 27 | 58 | 60540042 |
| 25mm | 38 | 38   | 16 | 52 | 60140025 | 43mm | 44 | 63  | 27 | 63 | 60540043 |
| 26mm | 38 | 40   | 16 | 52 | 60140026 | 44mm | 44 | 65  | 27 | 63 | 60540044 |
| 27mm | 38 | 40   | 19 | 52 | 60140027 | 45mm | 44 | 66  | 27 | 63 | 60540045 |
| 28mm | 42 | 42   | 19 | 52 | 60140028 | 46mm | 44 | 67  | 30 | 63 | 60540046 |
| 29mm | 42 | 42   | 21 | 52 | 60140029 | 47mm | 44 | 68  | 30 | 68 | 60540047 |
| 13mm | 44 | 25   | 9  | 50 | 60540013 | 48mm | 44 | 69  | 30 | 68 | 60540048 |
| 14mm | 44 | 25   | 11 | 50 | 60540014 | 49mm | 44 | 70  | 30 | 70 | 60540049 |
| 15mm | 44 | 26   | 11 | 50 | 60540015 | 50mm | 54 | 71  | 32 | 72 | 60540050 |
| 16mm | 44 | 27   | 11 | 50 | 60540016 | 51mm | 54 | 72  | 32 | 72 | 60540051 |
| 17mm | 44 | 31   | 12 | 50 | 60540017 | 52mm | 54 | 74  | 32 | 72 | 60540052 |
| 18mm | 44 | 32   | 13 | 50 | 60540018 | 53mm | 54 | 75  | 32 | 72 | 60540053 |
| 19mm | 44 | 33   | 13 | 50 | 60540019 | 54mm | 54 | 77  | 32 | 72 | 60540054 |
| 20mm | 44 | 34   | 14 | 50 | 60540020 | 55mm | 54 | 77  | 35 | 74 | 60540055 |
| 21mm | 44 | 35   | 15 | 50 | 60540021 | 56mm | 54 | 80  | 35 | 74 | 60540056 |
| 22mm | 44 | 37   | 15 | 50 | 60540022 | 57mm | 54 | 80  | 35 | 74 | 60540057 |
| 23mm | 44 | 38   | 16 | 50 | 60540023 | 58mm | 54 | 81  | 37 | 75 | 60540058 |
| 24mm | 44 | 39   | 16 | 50 | 60540024 | 60mm | 54 | 84  | 37 | 75 | 60540060 |
| 25mm | 44 | 40   | 16 | 50 | 60540025 | 62mm | 54 | 86  | 37 | 75 | 60540062 |
| 26mm | 44 | 41   | 16 | 50 | 60540026 | 63mm | 54 | 86  | 37 | 75 | 60540063 |
| 27mm | 44 | 43   | 19 | 54 | 60540027 | 65mm | 54 | 88  | 40 | 78 | 60540065 |
| 28mm | 44 | 44   | 19 | 54 | 60540028 | 67mm | 54 | 90  | 40 | 80 | 60540067 |
| 29mm | 44 | 45   | 21 | 54 | 60540029 | 68mm | 54 | 94  | 40 | 80 | 60540068 |
| 30mm | 44 | 47   | 21 | 54 | 60540030 | 70mm | 54 | 96  | 40 | 80 | 60540070 |
|      |    |      |    |    |          | 73mm | 54 | 100 | 42 | 83 | 60540073 |
|      |    |      |    |    |          | 75mm | 64 | 102 | 42 | 83 | 60540075 |
|      |    |      |    |    |          | 76mm | 64 | 104 | 45 | 85 | 60540076 |

3/4" Dr.,

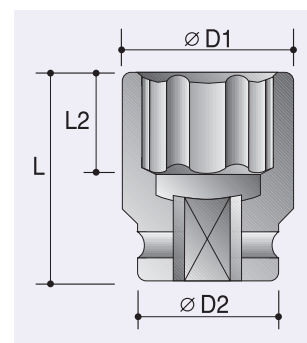
## 6-Point Sockets - Deep

|      | D2 | D1 | L2 | L  |          |      | D2 | D1  | L2 | L   |          |
|------|----|----|----|----|----------|------|----|-----|----|-----|----------|
| size | mm | mm | mm | mm | No.      | size | mm | mm  | mm | mm  | No.      |
| 13mm | 44 | 25 | 13 | 95 | 60542013 | 41mm | 44 | 60  | 38 | 95  | 60542041 |
| 14mm | 44 | 25 | 14 | 95 | 60542014 | 42mm | 44 | 62  | 38 | 95  | 60542042 |
| 15mm | 44 | 26 | 15 | 95 | 60542015 | 43mm | 44 | 63  | 38 | 95  | 60542043 |
| 16mm | 44 | 27 | 16 | 95 | 60542016 | 44mm | 44 | 65  | 38 | 95  | 60542044 |
| 17mm | 44 | 31 | 17 | 95 | 60542017 | 45mm | 44 | 66  | 38 | 95  | 60542045 |
| 18mm | 44 | 32 | 18 | 95 | 60542018 | 46mm | 44 | 67  | 38 | 95  | 60542046 |
| 19mm | 44 | 33 | 19 | 95 | 60542019 | 47mm | 44 | 68  | 38 | 95  | 60542047 |
| 20mm | 44 | 34 | 20 | 95 | 60542020 | 48mm | 44 | 69  | 38 | 95  | 60542048 |
| 21mm | 44 | 35 | 21 | 95 | 60542021 | 49mm | 44 | 70  | 38 | 95  | 60542049 |
| 22mm | 44 | 37 | 22 | 95 | 60542022 | 50mm | 54 | 71  | 38 | 95  | 60542050 |
| 23mm | 44 | 38 | 23 | 95 | 60542023 | 51mm | 54 | 72  | 40 | 95  | 60542051 |
| 24mm | 44 | 39 | 24 | 95 | 60542024 | 52mm | 54 | 74  | 40 | 95  | 60542052 |
| 25mm | 44 | 40 | 25 | 95 | 60542025 | 53mm | 54 | 75  | 40 | 95  | 60542053 |
| 26mm | 44 | 41 | 26 | 95 | 60542026 | 54mm | 54 | 77  | 40 | 95  | 60542054 |
| 27mm | 44 | 43 | 27 | 95 | 60542027 | 55mm | 54 | 77  | 40 | 100 | 60542055 |
| 28mm | 44 | 44 | 28 | 95 | 60542028 | 56mm | 54 | 80  | 40 | 100 | 60542056 |
| 29mm | 44 | 45 | 29 | 95 | 60542029 | 57mm | 54 | 80  | 40 | 105 | 60542057 |
| 30mm | 44 | 47 | 30 | 95 | 60542030 | 58mm | 54 | 81  | 40 | 105 | 60542058 |
| 31mm | 44 | 48 | 31 | 95 | 60542031 | 60mm | 54 | 84  | 42 | 105 | 60542060 |
| 32mm | 44 | 49 | 32 | 95 | 60542032 | 62mm | 54 | 86  | 42 | 105 | 60542062 |
| 33mm | 44 | 51 | 33 | 95 | 60542033 | 63mm | 54 | 86  | 42 | 105 | 60542063 |
| 34mm | 44 | 52 | 34 | 95 | 60542034 | 65mm | 54 | 88  | 66 | 105 | 60542065 |
| 35mm | 44 | 53 | 35 | 95 | 60542035 | 67mm | 54 | 90  | 66 | 105 | 60542067 |
| 36mm | 44 | 54 | 36 | 95 | 60542036 | 68mm | 54 | 94  | 66 | 105 | 60542068 |
| 37mm | 44 | 56 | 37 | 95 | 60542037 | 70mm | 54 | 96  | 66 | 105 | 60542070 |
| 38mm | 44 | 57 | 38 | 95 | 60542038 | 73mm | 54 | 100 | 68 | 108 | 60542073 |
| 39mm | 44 | 58 | 38 | 95 | 60542039 | 75mm | 64 | 102 | 68 | 108 | 60542075 |
| 40mm | 44 | 58 | 38 | 95 | 60542040 | 76mm | 64 | 104 | 70 | 110 | 60542076 |



## 6-Point Sockets - Semi-Deep

|      | D2 | D1   | L2 | L  |          |      | D2 | D1 | L2 | L  |          |
|------|----|------|----|----|----------|------|----|----|----|----|----------|
| size | mm | mm   | mm | mm | No.      | size | mm | mm | mm | mm | No.      |
| 14mm | 38 | 22   | 19 | 60 | 60740014 | 26mm | 38 | 38 | 20 | 60 | 60740026 |
| 17mm | 38 | 24.5 | 19 | 60 | 60740017 | 27mm | 38 | 39 | 29 | 60 | 60740027 |
| 19mm | 38 | 27   | 19 | 60 | 60740019 | 26mm | 38 | 38 | 20 | 85 | 60741026 |
| 20mm | 38 | 28.5 | 19 | 60 | 60740020 | 27mm | 38 | 39 | 52 | 85 | 60741027 |
| 21mm | 38 | 29.5 | 19 | 60 | 60740021 | 29mm | 38 | 42 | 52 | 85 | 60741029 |
| 22mm | 38 | 30.5 | 19 | 60 | 60740022 | 30mm | 38 | 43 | 52 | 85 | 60741030 |
| 23mm | 38 | 31.5 | 19 | 60 | 60740023 | 32mm | 38 | 44 | 52 | 85 | 60741032 |
| 24mm | 38 | 33   | 19 | 60 | 60740024 | 35mm | 38 | 50 | 52 | 85 | 60741035 |

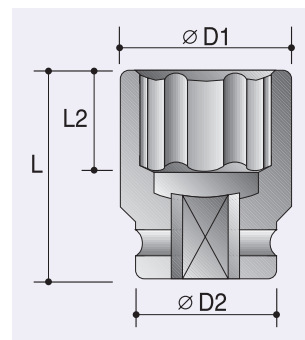


## 6-Point Sockets

### 1" Dr.,

|          | D2 | D1   | L2 | L  |          |          | D2 | D1  | L2 | L   |          |
|----------|----|------|----|----|----------|----------|----|-----|----|-----|----------|
| size     | mm | mm   | mm | mm | No.      | size     | mm | mm  | mm | mm  | No.      |
| 5/8"     | 51 | 32   | 11 | 58 | 60050020 | 2-3/16"  | 62 | 80  | 35 | 72  | 60050206 |
| 11/16"   | 51 | 34   | 12 | 58 | 60050022 | 2-1/4"   | 62 | 84  | 40 | 75  | 60050208 |
| 3/4"     | 51 | 36   | 13 | 58 | 60050024 | 2-5/16"  | 62 | 86  | 40 | 75  | 60050210 |
| 13/16"   | 51 | 38   | 15 | 58 | 60050026 | 2-3/8"   | 62 | 87  | 42 | 78  | 60050212 |
| 7/8"     | 51 | 39   | 15 | 58 | 60050028 | 2-7/16"  | 62 | 89  | 42 | 78  | 60050214 |
| 15/16"   | 51 | 40   | 18 | 58 | 60050030 | 2-1/2"   | 62 | 91  | 42 | 80  | 60050216 |
| 1"       | 51 | 42   | 18 | 58 | 60050100 | 2-9/16"  | 62 | 93  | 42 | 80  | 60050218 |
| 1-1/16"  | 51 | 44   | 19 | 58 | 60050102 | 2-5/8"   | 62 | 95  | 42 | 82  | 60050220 |
| 1-1/8"   | 51 | 46   | 19 | 58 | 60050104 | 2-11/16" | 62 | 97  | 42 | 82  | 60050222 |
| 1-3/16"  | 51 | 48   | 21 | 60 | 60050106 | 2-3/4"   | 62 | 100 | 42 | 96  | 60050224 |
| 1-1/4"   | 51 | 51   | 22 | 60 | 60050108 | 2-13/16" | 62 | 102 | 45 | 96  | 60050226 |
| 1-5/16"  | 52 | 53   | 22 | 62 | 60050110 | 2-7/8"   | 86 | 104 | 45 | 96  | 60050228 |
| 1-3/8"   | 52 | 54   | 22 | 62 | 60050112 | 2-15/16" | 86 | 105 | 45 | 98  | 60050230 |
| 1-7/16"  | 52 | 56   | 25 | 62 | 60050114 | 3"       | 86 | 107 | 48 | 100 | 60050300 |
| 1-1/2"   | 52 | 58   | 25 | 62 | 60050116 | 3-1/8"   | 86 | 111 | 48 | 100 | 60050304 |
| 1-9/16"  | 52 | 60   | 25 | 62 | 60050118 | 3-1/4"   | 86 | 115 | 48 | 100 | 60050308 |
| 1-5/8"   | 52 | 61.5 | 27 | 62 | 60050120 | 3-3/8"   | 86 | 119 | 52 | 105 | 60050312 |
| 1-11/16" | 52 | 65   | 27 | 64 | 60050122 | 3-1/2"   | 86 | 124 | 52 | 105 | 60050316 |
| 1-3/4"   | 58 | 66   | 27 | 64 | 60050124 | 3-5/8"   | 86 | 127 | 52 | 105 | 60050320 |
| 1-13/16" | 58 | 68   | 30 | 64 | 60050126 | 3-3/4"   | 86 | 131 | 52 | 115 | 60050324 |
| 1-7/8"   | 58 | 70   | 32 | 66 | 60050128 | 3-7/8"   | 86 | 135 | 58 | 115 | 60050328 |
| 1-15/16" | 58 | 72   | 32 | 68 | 60050130 | 4"       | 86 | 139 | 58 | 115 | 60050400 |
| 2"       | 58 | 74   | 35 | 70 | 60050200 | 4-1/8"   | 95 | 143 | 58 | 115 | 60050404 |
| 2-1/16"  | 58 | 75   | 35 | 70 | 60050202 | 4-1/4"   | 95 | 147 | 60 | 115 | 60050408 |
| 2-1/8"   | 58 | 78   | 35 | 70 | 60050204 | 4-1/2"   | 95 | 154 | 62 | 115 | 60050416 |

# Impact Sockets



## 6-Point Sockets - Deep

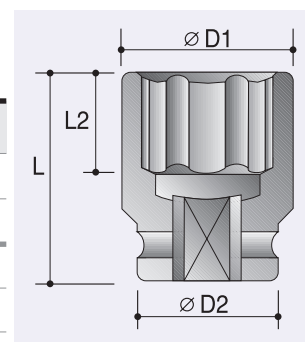
### 1" Dr.,

| size     | D2 | D1   | L2 | L   | No.      | size     | D2 | D1  | L2 | L   | No.      |
|----------|----|------|----|-----|----------|----------|----|-----|----|-----|----------|
| mm       | mm | mm   | mm | mm  |          | mm       | mm | mm  | mm | mm  |          |
| 5/8"     | 51 | 32   | 16 | 90  | 60052020 | 2-3/16"  | 62 | 80  | 40 | 100 | 60052206 |
| 11/16"   | 51 | 34   | 17 | 90  | 60052022 | 2-1/4"   | 62 | 84  | 40 | 100 | 60052208 |
| 3/4"     | 51 | 36   | 19 | 90  | 60052024 | 2-5/16"  | 62 | 86  | 40 | 105 | 60052210 |
| 13/16"   | 51 | 38   | 22 | 90  | 60052026 | 2-3/8"   | 62 | 87  | 42 | 105 | 60052212 |
| 7/8"     | 51 | 39   | 22 | 90  | 60052028 | 2-7/16"  | 62 | 89  | 42 | 110 | 60052214 |
| 15/16"   | 51 | 40   | 24 | 90  | 60052030 | 2-1/2"   | 62 | 91  | 42 | 110 | 60052216 |
| 1"       | 51 | 42   | 25 | 90  | 60052100 | 2-9/16"  | 62 | 93  | 42 | 125 | 60052218 |
| 1-1/16"  | 51 | 44   | 27 | 90  | 60052102 | 2-5/8"   | 62 | 95  | 42 | 125 | 60052220 |
| 1-1/8"   | 51 | 46   | 29 | 90  | 60052104 | 2-11/16" | 62 | 97  | 42 | 125 | 60052222 |
| 1-3/16"  | 51 | 48   | 30 | 90  | 60052106 | 2-3/4"   | 62 | 100 | 42 | 125 | 60052224 |
| 1-1/4"   | 51 | 51   | 32 | 90  | 60052108 | 2-13/16" | 62 | 102 | 45 | 125 | 60052226 |
| 1-5/16"  | 52 | 53   | 34 | 90  | 60052110 | 2-7/8"   | 86 | 104 | 45 | 125 | 60052228 |
| 1-3/8"   | 52 | 54   | 35 | 90  | 60052112 | 2-15/16" | 86 | 105 | 45 | 135 | 60052230 |
| 1-7/16"  | 52 | 56   | 37 | 90  | 60052114 | 3"       | 86 | 107 | 48 | 135 | 60052300 |
| 1-1/2"   | 52 | 58   | 38 | 92  | 60052116 | 3-1/8"   | 86 | 111 | 48 | 135 | 60052304 |
| 1-9/16"  | 52 | 60   | 38 | 92  | 60052118 | 3-1/4"   | 86 | 115 | 48 | 135 | 60052308 |
| 1-5/8"   | 52 | 61.5 | 38 | 92  | 60052120 | 3-3/8"   | 86 | 119 | 52 | 140 | 60052312 |
| 1-11/16" | 52 | 65   | 38 | 92  | 60052122 | 3-1/2"   | 86 | 124 | 52 | 140 | 60052316 |
| 1-3/4"   | 58 | 66   | 38 | 92  | 60052124 | 3-5/8"   | 86 | 127 | 52 | 140 | 60052320 |
| 1-13/16" | 58 | 68   | 38 | 92  | 60052126 | 3-3/4"   | 86 | 131 | 52 | 140 | 60052324 |
| 1-7/8"   | 58 | 70   | 38 | 92  | 60052128 | 3-7/8"   | 86 | 135 | 58 | 140 | 60052328 |
| 1-15/16" | 58 | 72   | 38 | 92  | 60052130 | 4"       | 86 | 139 | 58 | 155 | 60052400 |
| 2"       | 58 | 74   | 40 | 95  | 60052200 | 4-1/8"   | 95 | 143 | 58 | 155 | 60052404 |
| 2-1/16"  | 58 | 75   | 40 | 95  | 60052202 | 4-1/4"   | 95 | 147 | 60 | 155 | 60052408 |
| 2-1/8"   | 58 | 78   | 40 | 100 | 60052204 | 4-1/2"   | 95 | 154 | 62 | 155 | 60052416 |

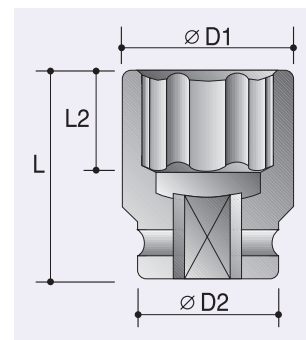
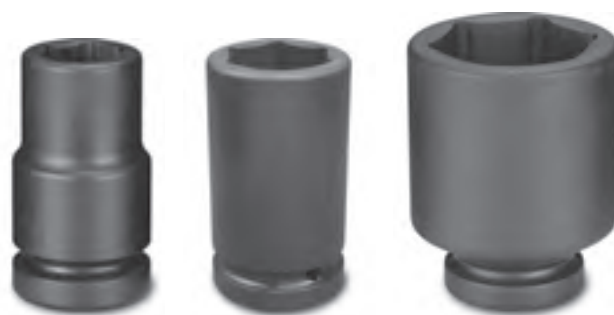
## 6-Point Sockets

1" Dr.,

|      | D2 | D1   | L2 | L  |          |       | D2 | D1   | L2 | L   |          |
|------|----|------|----|----|----------|-------|----|------|----|-----|----------|
| size | mm | mm   | mm | mm | No.      | size  | mm | mm   | mm | mm  | No.      |
| 17mm | 51 | 34   | 12 | 58 | 60150017 | 41mm  | 54 | 63   | 27 | 70  | 60550041 |
| 18mm | 51 | 35   | 13 | 58 | 60150018 | 42mm  | 54 | 65   | 27 | 74  | 60550042 |
| 19mm | 51 | 36   | 13 | 58 | 60150019 | 43mm  | 54 | 66   | 27 | 74  | 60550043 |
| 20mm | 51 | 37   | 14 | 58 | 60150020 | 44mm  | 54 | 67   | 27 | 74  | 60550044 |
| 21mm | 51 | 38   | 15 | 58 | 60150021 | 45mm  | 54 | 68   | 27 | 74  | 60550045 |
| 22mm | 51 | 39   | 15 | 58 | 60150022 | 46mm  | 54 | 70   | 30 | 76  | 60550046 |
| 23mm | 51 | 40   | 16 | 58 | 60150023 | 47mm  | 54 | 71.5 | 32 | 76  | 60550047 |
| 24mm | 51 | 40   | 18 | 58 | 60150024 | 48mm  | 54 | 72.5 | 32 | 76  | 60550048 |
| 25mm | 51 | 41   | 18 | 58 | 60150025 | 50mm  | 54 | 75   | 35 | 80  | 60550050 |
| 26mm | 51 | 42.5 | 18 | 58 | 60150026 | 51mm  | 54 | 76   | 35 | 80  | 60550051 |
| 27mm | 51 | 44   | 19 | 58 | 60150027 | 52mm  | 54 | 77   | 35 | 84  | 60550052 |
| 28mm | 51 | 45   | 19 | 58 | 60150028 | 53mm  | 54 | 78   | 35 | 84  | 60550053 |
| 29mm | 51 | 46   | 19 | 60 | 60150029 | 54mm  | 54 | 80   | 35 | 84  | 60550054 |
| 30mm | 51 | 48   | 21 | 60 | 60150030 | 55mm  | 54 | 81   | 35 | 84  | 60550055 |
| 16mm | 54 | 32   | 11 | 60 | 60550016 | 56mm  | 54 | 82   | 40 | 84  | 60550056 |
| 17mm | 54 | 34   | 12 | 60 | 60550017 | 57mm  | 54 | 84   | 40 | 84  | 60550057 |
| 18mm | 54 | 35   | 13 | 60 | 60550018 | 58mm  | 54 | 85   | 40 | 87  | 60550058 |
| 19mm | 54 | 36   | 13 | 60 | 60550019 | 60mm  | 54 | 87   | 42 | 87  | 60550060 |
| 20mm | 54 | 37   | 14 | 60 | 60550020 | 62mm  | 54 | 89   | 42 | 87  | 60550062 |
| 21mm | 54 | 38   | 15 | 60 | 60550021 | 63mm  | 54 | 90   | 42 | 87  | 60550063 |
| 22mm | 54 | 40   | 15 | 60 | 60550022 | 65mm  | 54 | 93   | 42 | 90  | 60550065 |
| 23mm | 54 | 41   | 16 | 60 | 60550023 | 67mm  | 54 | 96   | 42 | 92  | 60550067 |
| 24mm | 54 | 42   | 18 | 60 | 60550024 | 70mm  | 54 | 100  | 42 | 96  | 60550070 |
| 25mm | 54 | 43   | 18 | 60 | 60550025 | 75mm  | 86 | 106  | 45 | 98  | 60550075 |
| 26mm | 54 | 44.5 | 18 | 60 | 60550026 | 76mm  | 86 | 107  | 48 | 100 | 60550076 |
| 27mm | 54 | 46   | 19 | 60 | 60550027 | 77mm  | 86 | 109  | 48 | 100 | 60550077 |
| 28mm | 54 | 47   | 19 | 62 | 60550028 | 78mm  | 86 | 110  | 48 | 100 | 60550078 |
| 29mm | 54 | 48   | 19 | 62 | 60550029 | 80mm  | 86 | 112  | 48 | 100 | 60550080 |
| 30mm | 54 | 50   | 21 | 62 | 60550030 | 85mm  | 86 | 118  | 52 | 105 | 60550085 |
| 31mm | 54 | 51   | 21 | 62 | 60550031 | 90mm  | 86 | 125  | 52 | 105 | 60550090 |
| 32mm | 54 | 52   | 22 | 62 | 60550032 | 95mm  | 86 | 131  | 52 | 115 | 60550095 |
| 33mm | 54 | 53   | 22 | 62 | 60550033 | 100mm | 95 | 137  | 58 | 115 | 60550100 |
| 34mm | 54 | 55   | 22 | 62 | 60550034 | 105mm | 95 | 143  | 58 | 115 | 60550105 |
| 35mm | 54 | 56   | 22 | 65 | 60550035 | 110mm | 95 | 149  | 60 | 115 | 60550110 |
| 36mm | 54 | 57   | 25 | 67 | 60550036 | 115mm | 95 | 155  | 62 | 115 | 60550115 |
| 37mm | 54 | 59   | 25 | 67 | 60550037 |       |    |      |    |     |          |
| 38mm | 54 | 60   | 25 | 67 | 60550038 |       |    |      |    |     |          |
| 39mm | 54 | 61   | 25 | 70 | 60550039 |       |    |      |    |     |          |
| 40mm | 54 | 62   | 25 | 70 | 60550040 |       |    |      |    |     |          |



# Impact Sockets



## 6-Point Sockets - Deep

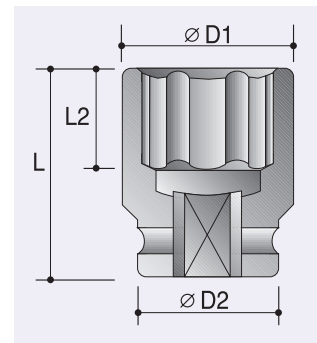
1" Dr.,

| size | D2 | D1   | L2 | L   | No.      | size  | D2 | D1   | L2 | L   | No.      |
|------|----|------|----|-----|----------|-------|----|------|----|-----|----------|
| mm   | mm | mm   | mm | mm  |          | mm    | mm | mm   | mm | mm  |          |
| 16mm | 54 | 32   | 16 | 100 | 60552016 | 46mm  | 54 | 70   | 38 | 100 | 60552046 |
| 17mm | 54 | 34   | 17 | 100 | 60552017 | 47mm  | 54 | 71.5 | 38 | 100 | 60552047 |
| 18mm | 54 | 35   | 18 | 100 | 60552018 | 48mm  | 54 | 72.5 | 38 | 100 | 60552048 |
| 19mm | 54 | 36   | 19 | 100 | 60552019 | 50mm  | 54 | 75   | 38 | 100 | 60552050 |
| 20mm | 54 | 37   | 20 | 100 | 60552020 | 51mm  | 54 | 76   | 40 | 100 | 60552051 |
| 21mm | 54 | 38   | 21 | 100 | 60552021 | 52mm  | 54 | 77   | 40 | 100 | 60552052 |
| 22mm | 54 | 40   | 22 | 100 | 60552022 | 53mm  | 54 | 78   | 40 | 100 | 60552053 |
| 23mm | 54 | 41   | 23 | 100 | 60552023 | 54mm  | 54 | 80   | 40 | 100 | 60552054 |
| 24mm | 54 | 42   | 24 | 100 | 60552024 | 55mm  | 54 | 81   | 40 | 100 | 60552055 |
| 25mm | 54 | 43   | 25 | 100 | 60552025 | 56mm  | 54 | 82   | 40 | 105 | 60552056 |
| 26mm | 54 | 44.5 | 26 | 100 | 60552026 | 57mm  | 54 | 84   | 40 | 105 | 60552057 |
| 27mm | 54 | 46   | 27 | 100 | 60552027 | 58mm  | 54 | 85   | 40 | 105 | 60552058 |
| 28mm | 54 | 47   | 28 | 100 | 60552028 | 60mm  | 54 | 87   | 42 | 120 | 60552060 |
| 29mm | 54 | 48   | 29 | 100 | 60552029 | 62mm  | 54 | 89   | 42 | 120 | 60552062 |
| 30mm | 54 | 50   | 30 | 100 | 60552030 | 63mm  | 54 | 90   | 42 | 120 | 60552063 |
| 31mm | 54 | 51   | 31 | 100 | 60552031 | 65mm  | 54 | 93   | 42 | 125 | 60552065 |
| 32mm | 54 | 52   | 32 | 100 | 60552032 | 67mm  | 54 | 96   | 42 | 125 | 60552067 |
| 33mm | 54 | 53   | 33 | 100 | 60552033 | 70mm  | 54 | 100  | 42 | 125 | 60552070 |
| 34mm | 54 | 55   | 34 | 100 | 60552034 | 75mm  | 86 | 106  | 45 | 135 | 60552075 |
| 35mm | 54 | 56   | 35 | 100 | 60552035 | 76mm  | 86 | 107  | 48 | 135 | 60552076 |
| 36mm | 54 | 57   | 36 | 100 | 60552036 | 77mm  | 86 | 109  | 48 | 135 | 60552077 |
| 37mm | 54 | 59   | 37 | 100 | 60552037 | 78mm  | 86 | 110  | 48 | 135 | 60552078 |
| 38mm | 54 | 60   | 38 | 100 | 60552038 | 80mm  | 86 | 112  | 48 | 135 | 60552080 |
| 39mm | 54 | 61   | 38 | 100 | 60552039 | 85mm  | 86 | 118  | 52 | 140 | 60552085 |
| 40mm | 54 | 62   | 38 | 100 | 60552040 | 90mm  | 86 | 125  | 52 | 140 | 60552090 |
| 41mm | 54 | 63   | 38 | 100 | 60552041 | 95mm  | 86 | 131  | 52 | 140 | 60552095 |
| 42mm | 54 | 65   | 38 | 100 | 60552042 | 100mm | 95 | 137  | 58 | 140 | 60552100 |
| 43mm | 54 | 66   | 38 | 100 | 60552043 | 105mm | 95 | 143  | 58 | 155 | 60552105 |
| 44mm | 54 | 67   | 38 | 100 | 60552044 | 110mm | 95 | 149  | 60 | 155 | 60552110 |
| 45mm | 54 | 68   | 38 | 100 | 60552045 | 115mm | 95 | 155  | 62 | 155 | 60552115 |

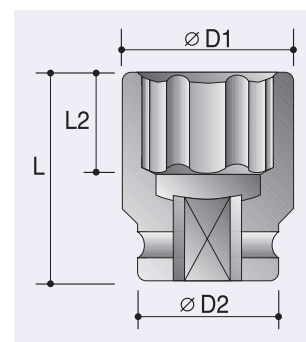
## 6-Point Sockets - Semi-Deep

1" Dr.,

|      | D2 | D1 | L2 | L  |          |
|------|----|----|----|----|----------|
| size | mm | mm | mm | mm | No.      |
| 26mm | 51 | 41 | 23 | 80 | 60751026 |
| 27mm | 51 | 42 | 23 | 80 | 60751027 |
| 28mm | 51 | 43 | 23 | 80 | 60751028 |
| 29mm | 51 | 44 | 23 | 80 | 60751029 |
| 30mm | 51 | 46 | 30 | 80 | 60751030 |
| 32mm | 52 | 48 | 30 | 80 | 60751032 |
| 33mm | 52 | 52 | 30 | 80 | 60751033 |
| 35mm | 52 | 52 | 30 | 80 | 60751035 |
| 36mm | 52 | 54 | 45 | 80 | 60751036 |
| 38mm | 52 | 56 | 45 | 80 | 60751038 |
| 41mm | 52 | 58 | 25 | 80 | 60751041 |



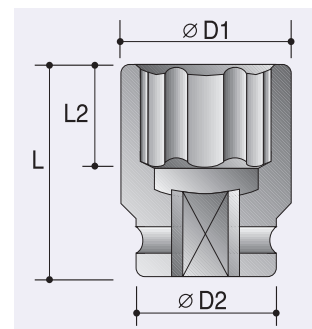
# Impact Sockets



## 6-Point Sockets

### 1-1/2" Dr.

|          | D2 | D1  | L2 | L   |          |          | D2  | D1  | L2 | L   |          |
|----------|----|-----|----|-----|----------|----------|-----|-----|----|-----|----------|
| size     | mm | mm  | mm | mm  | No.      | size     | mm  | mm  | mm | mm  | No.      |
| 1-3/16"  | 86 | 56  | 21 | 78  | 60460106 | 3-1/4"   | 86  | 122 | 53 | 115 | 60460308 |
| 1-1/4"   | 86 | 58  | 22 | 78  | 60460108 | 3-5/16"  | 86  | 124 | 56 | 118 | 60460310 |
| 1-5/16"  | 86 | 60  | 22 | 78  | 60460110 | 3-3/8"   | 86  | 126 | 56 | 118 | 60460312 |
| 1-3/8"   | 86 | 64  | 22 | 78  | 60460112 | 3-7/16"  | 86  | 128 | 56 | 118 | 60460314 |
| 1-7/16"  | 86 | 64  | 24 | 78  | 60460114 | 3-1/2"   | 86  | 129 | 59 | 123 | 60460316 |
| 1-1/2"   | 86 | 66  | 26 | 80  | 60460116 | 3-9/16"  | 86  | 131 | 59 | 123 | 60460318 |
| 1-9/16"  | 86 | 68  | 28 | 80  | 60460118 | 3-5/8"   | 86  | 133 | 59 | 123 | 60460320 |
| 1-5/8"   | 86 | 70  | 28 | 80  | 60460120 | 3-11/16" | 86  | 135 | 61 | 123 | 60460322 |
| 1-11/16" | 86 | 73  | 28 | 82  | 60460122 | 3-3/4"   | 95  | 137 | 61 | 123 | 60460324 |
| 1-3/4"   | 86 | 75  | 30 | 84  | 60460124 | 3-13/16" | 95  | 137 | 65 | 130 | 60460326 |
| 1-13/16" | 86 | 76  | 30 | 84  | 60460126 | 3-7/8"   | 95  | 144 | 65 | 130 | 60460328 |
| 1-7/8"   | 86 | 78  | 32 | 87  | 60460128 | 3-15/16" | 95  | 144 | 65 | 130 | 60460330 |
| 1-15/16" | 86 | 80  | 32 | 87  | 60460130 | 4"       | 95  | 147 | 65 | 130 | 60460400 |
| 2"       | 86 | 82  | 32 | 87  | 60460200 | 4-1/16"  | 95  | 147 | 68 | 130 | 60460402 |
| 2-1/16"  | 86 | 83  | 34 | 87  | 60460202 | 4-1/8"   | 95  | 154 | 68 | 130 | 60460404 |
| 2-1/8"   | 86 | 86  | 37 | 90  | 60460204 | 4-3/16"  | 95  | 154 | 68 | 130 | 60460406 |
| 2-3/16"  | 86 | 88  | 37 | 90  | 60460206 | 4-1/4"   | 95  | 154 | 72 | 135 | 60460408 |
| 2-1/4"   | 86 | 90  | 39 | 95  | 60460208 | 4-5/16"  | 95  | 157 | 72 | 135 | 60460410 |
| 2-5/16"  | 86 | 93  | 39 | 95  | 60460210 | 4-3/8"   | 95  | 157 | 72 | 135 | 60460412 |
| 2-3/8"   | 86 | 94  | 39 | 95  | 60460212 | 4-7/16"  | 95  | 157 | 72 | 135 | 60460414 |
| 2-7/16"  | 86 | 96  | 42 | 100 | 60460214 | 4-1/2"   | 95  | 164 | 77 | 140 | 60460416 |
| 2-1/2"   | 86 | 98  | 42 | 100 | 60460216 | 4-5/8"   | 95  | 164 | 77 | 140 | 60460420 |
| 2-9/16"  | 86 | 100 | 42 | 100 | 60460218 | 4-3/4"   | 95  | 167 | 77 | 140 | 60460424 |
| 2-5/8"   | 86 | 102 | 46 | 105 | 60460220 | 4-7/8"   | 127 | 174 | 77 | 140 | 60460428 |
| 2-11/16" | 86 | 104 | 46 | 105 | 60460222 | 5"       | 127 | 177 | 80 | 145 | 60460500 |
| 2-3/4"   | 86 | 106 | 46 | 105 | 60460224 | 5-1/8"   | 127 | 184 | 80 | 145 | 60460504 |
| 2-13/16" | 86 | 108 | 49 | 108 | 60460226 | 5-1/4"   | 127 | 187 | 85 | 150 | 60460508 |
| 2-7/8"   | 86 | 110 | 49 | 108 | 60460228 | 5-3/8"   | 127 | 194 | 85 | 150 | 60460512 |
| 2-15/16" | 86 | 112 | 49 | 108 | 60460230 | 5-1/2"   | 127 | 197 | 90 | 160 | 60460516 |
| 3"       | 86 | 113 | 49 | 108 | 60460300 | 5-3/4"   | 127 | 204 | 90 | 160 | 60460524 |
| 3-1/16"  | 86 | 115 | 53 | 115 | 60460302 | 6"       | 127 | 214 | 90 | 165 | 60460600 |
| 3-1/8"   | 86 | 118 | 53 | 115 | 60460304 | 6-1/8"   | 127 | 214 | 90 | 165 | 60460604 |
| 3-3/16"  | 86 | 120 | 53 | 115 | 60460306 | 6-1/2"   | 127 | 227 | 95 | 175 | 60460616 |

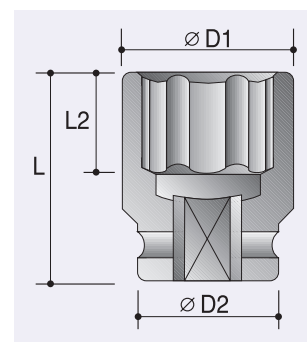


## 6-Point Sockets - Deep

### 1-1/2" Dr.,

| size     | D2 | D1  | L2 | L   | No.      | size     | D2 | D1  | L2 | L   | No.      |
|----------|----|-----|----|-----|----------|----------|----|-----|----|-----|----------|
| mm       | mm | mm  | mm | mm  |          | mm       | mm | mm  | mm | mm  |          |
| 1-3/8"   | 86 | 64  | 22 | 115 | 60462112 | 3-1/16"  | 86 | 115 | 53 | 170 | 60460302 |
| 1-7/16"  | 86 | 64  | 24 | 115 | 60462114 | 3-1/8"   | 86 | 118 | 53 | 170 | 60460304 |
| 1-1/2"   | 86 | 66  | 26 | 115 | 60462116 | 3-3/16"  | 86 | 120 | 53 | 170 | 60462306 |
| 1-9/16"  | 86 | 68  | 28 | 115 | 60462118 | 3-1/4"   | 86 | 122 | 53 | 170 | 60462308 |
| 1-5/8"   | 86 | 70  | 28 | 115 | 60462120 | 3-5/16"  | 86 | 124 | 56 | 170 | 60462310 |
| 1-11/16" | 86 | 73  | 28 | 115 | 60462122 | 3-3/8"   | 86 | 126 | 56 | 170 | 60462312 |
| 1-3/4"   | 86 | 75  | 30 | 115 | 60462124 | 3-7/16"  | 86 | 128 | 56 | 170 | 60462314 |
| 1-13/16" | 86 | 76  | 30 | 115 | 60462126 | 3-1/2"   | 86 | 129 | 59 | 170 | 60462316 |
| 1-7/8"   | 86 | 78  | 32 | 115 | 60462128 | 3-9/16"  | 86 | 131 | 59 | 170 | 60462318 |
| 1-15/16" | 86 | 80  | 32 | 115 | 60462130 | 3-5/8"   | 86 | 133 | 59 | 170 | 60462320 |
| 2"       | 86 | 82  | 34 | 135 | 60462200 | 3-11/16" | 86 | 135 | 61 | 170 | 60462322 |
| 2-1/16"  | 86 | 83  | 34 | 140 | 60462202 | 3-3/4"   | 95 | 137 | 61 | 180 | 60462324 |
| 2-1/8"   | 86 | 86  | 37 | 140 | 60462204 | 3-13/16" | 95 | 137 | 65 | 180 | 60462326 |
| 2-3/16"  | 86 | 88  | 37 | 140 | 60462206 | 3-7/8"   | 95 | 144 | 65 | 180 | 60462328 |
| 2-1/4"   | 86 | 90  | 39 | 150 | 60462208 | 3-15/16" | 95 | 144 | 65 | 190 | 60462330 |
| 2-5/16"  | 86 | 93  | 39 | 150 | 60462210 | 4"       | 95 | 147 | 65 | 190 | 60462400 |
| 2-3/8"   | 86 | 94  | 39 | 150 | 60462212 | 4-1/16"  | 95 | 147 | 68 | 190 | 60462402 |
| 2-7/16"  | 86 | 96  | 42 | 150 | 60462214 | 4-1/8"   | 95 | 154 | 68 | 190 | 60462404 |
| 2-1/2"   | 86 | 98  | 42 | 150 | 60462216 | 4-3/16"  | 95 | 154 | 68 | 190 | 60462406 |
| 2-9/16"  | 86 | 100 | 42 | 150 | 60462218 | 4-1/4"   | 95 | 154 | 72 | 190 | 60462408 |
| 2-5/8"   | 86 | 102 | 46 | 150 | 60462220 | 4-5/16"  | 95 | 157 | 72 | 200 | 60462410 |
| 2-11/16" | 86 | 104 | 46 | 150 | 60462222 | 4-3/8"   | 95 | 157 | 72 | 200 | 60462412 |
| 2-3/4"   | 86 | 106 | 46 | 160 | 60462224 | 4-7/16"  | 95 | 157 | 72 | 200 | 60462414 |
| 2-13/16" | 86 | 108 | 49 | 160 | 60462226 | 4-1/2"   | 95 | 164 | 77 | 210 | 60462416 |
| 2-7/8"   | 86 | 110 | 49 | 160 | 60462228 | 4-5/8"   | 95 | 164 | 77 | 210 | 60462420 |
| 2-15/16" | 86 | 112 | 49 | 170 | 60462230 | 4-3/4"   | 95 | 167 | 77 | 210 | 60462424 |
| 3"       | 86 | 113 | 49 | 170 | 60462300 |          |    |     |    |     |          |

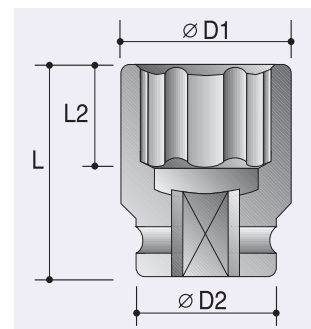
# Impact Sockets



## 6-Point Sockets

### 1-1/2" Dr.,

| size | D2 | D1  | L2 | L   | No.      | size  | D2  | D1  | L2  | L   | No.      |
|------|----|-----|----|-----|----------|-------|-----|-----|-----|-----|----------|
| mm   | mm | mm  | mm | mm  |          | mm    | mm  | mm  | mm  | mm  |          |
| 30mm | 86 | 56  | 21 | 78  | 60560030 | 72mm  | 86  | 108 | 49  | 108 | 60560072 |
| 32mm | 86 | 58  | 22 | 78  | 60560032 | 73mm  | 86  | 110 | 49  | 108 | 60560073 |
| 33mm | 86 | 60  | 22 | 78  | 60560033 | 75mm  | 86  | 112 | 49  | 108 | 60560075 |
| 34mm | 86 | 61  | 22 | 78  | 60560034 | 76mm  | 86  | 113 | 49  | 108 | 60560076 |
| 35mm | 86 | 64  | 22 | 78  | 60560035 | 77mm  | 86  | 114 | 49  | 108 | 60560077 |
| 36mm | 86 | 64  | 24 | 78  | 60560036 | 78mm  | 86  | 115 | 53  | 115 | 60560078 |
| 37mm | 86 | 65  | 24 | 78  | 60560037 | 80mm  | 86  | 119 | 53  | 115 | 60560080 |
| 38mm | 86 | 66  | 26 | 80  | 60560038 | 85mm  | 86  | 125 | 56  | 118 | 60560085 |
| 40mm | 86 | 68  | 28 | 80  | 60560040 | 88mm  | 86  | 128 | 56  | 118 | 60560088 |
| 41mm | 86 | 70  | 28 | 80  | 60560041 | 90mm  | 86  | 131 | 59  | 123 | 60560090 |
| 42mm | 86 | 71  | 28 | 82  | 60560042 | 95mm  | 95  | 137 | 61  | 123 | 60560095 |
| 43mm | 86 | 73  | 28 | 82  | 60560043 | 100mm | 95  | 144 | 65  | 130 | 60560100 |
| 45mm | 86 | 75  | 30 | 84  | 60560045 | 105mm | 95  | 154 | 68  | 130 | 60560105 |
| 46mm | 86 | 76  | 30 | 84  | 60560046 | 110mm | 95  | 157 | 72  | 135 | 60560110 |
| 47mm | 86 | 77  | 32 | 87  | 60560047 | 115mm | 95  | 164 | 77  | 140 | 60560115 |
| 48mm | 86 | 79  | 32 | 87  | 60560048 | 120mm | 95  | 167 | 77  | 140 | 60560120 |
| 50mm | 86 | 81  | 32 | 87  | 60560050 | 125mm | 127 | 174 | 77  | 140 | 60560125 |
| 52mm | 86 | 83  | 34 | 87  | 60560052 | 130mm | 127 | 184 | 80  | 145 | 60560130 |
| 54mm | 86 | 86  | 37 | 90  | 60560054 | 135mm | 127 | 194 | 85  | 150 | 60560135 |
| 55mm | 86 | 87  | 37 | 90  | 60560055 | 140mm | 127 | 197 | 90  | 160 | 60560140 |
| 56mm | 86 | 88  | 37 | 92  | 60560056 | 145mm | 127 | 204 | 90  | 160 | 60560145 |
| 58mm | 86 | 92  | 39 | 95  | 60560058 | 150mm | 127 | 207 | 90  | 165 | 60560150 |
| 60mm | 86 | 94  | 39 | 95  | 60560060 | 155mm | 127 | 214 | 90  | 165 | 60560155 |
| 61mm | 86 | 95  | 42 | 100 | 60560061 | 160mm | 127 | 224 | 90  | 170 | 60560160 |
| 62mm | 86 | 96  | 42 | 100 | 60560062 | 165mm | 127 | 227 | 95  | 175 | 60560165 |
| 63mm | 86 | 97  | 42 | 100 | 60560063 | 170mm | 127 | 234 | 95  | 180 | 60560170 |
| 65mm | 86 | 100 | 42 | 100 | 60560065 | 175mm | 127 | 244 | 100 | 185 | 60560175 |
| 68mm | 86 | 104 | 46 | 105 | 60560068 | 185mm | 127 | 254 | 100 | 190 | 60560185 |
| 70mm | 86 | 106 | 46 | 105 | 60560070 |       |     |     |     |     |          |

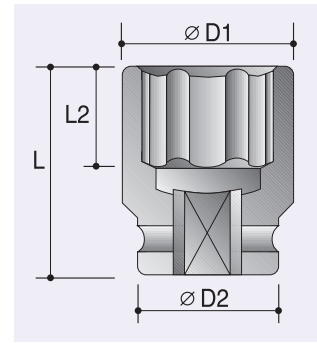


## 6-Point Sockets - Deep

### 1-1/2" Dr.,

| size | D2 | D1 | L2 | L   | No.      | size  | D2  | D1  | L2 | L   | No.      |
|------|----|----|----|-----|----------|-------|-----|-----|----|-----|----------|
| mm   | mm | mm | mm | mm  |          | mm    | mm  | mm  | mm | mm  |          |
| 36mm | 86 | 64 | 24 | 115 | 60562036 | 63mm  | 86  | 97  | 42 | 150 | 60562063 |
| 37mm | 86 | 65 | 24 | 115 | 60562037 | 65mm  | 86  | 100 | 42 | 150 | 60562065 |
| 38mm | 86 | 66 | 26 | 115 | 60562038 | 68mm  | 86  | 104 | 46 | 150 | 60562068 |
| 40mm | 86 | 68 | 28 | 115 | 60562040 | 70mm  | 86  | 106 | 46 | 160 | 60562070 |
| 41mm | 86 | 70 | 28 | 115 | 60562041 | 72mm  | 86  | 108 | 49 | 160 | 60562072 |
| 42mm | 86 | 71 | 28 | 115 | 60562042 | 73mm  | 86  | 110 | 49 | 160 | 60562073 |
| 43mm | 86 | 73 | 28 | 115 | 60562043 | 75mm  | 86  | 112 | 49 | 170 | 60562075 |
| 45mm | 86 | 75 | 30 | 115 | 60562045 | 76mm  | 86  | 113 | 49 | 170 | 60562076 |
| 46mm | 86 | 76 | 30 | 115 | 60562046 | 77mm  | 86  | 114 | 53 | 170 | 60562077 |
| 47mm | 86 | 77 | 32 | 115 | 60562047 | 78mm  | 86  | 115 | 53 | 170 | 60562078 |
| 48mm | 86 | 79 | 32 | 115 | 60562048 | 80mm  | 86  | 119 | 53 | 170 | 60562080 |
| 50mm | 86 | 81 | 34 | 135 | 60562050 | 85mm  | 86  | 125 | 56 | 170 | 60562085 |
| 52mm | 86 | 83 | 34 | 140 | 60562052 | 90mm  | 86  | 131 | 59 | 170 | 60562090 |
| 54mm | 86 | 86 | 37 | 140 | 60562054 | 95mm  | 95  | 137 | 61 | 180 | 60562095 |
| 55mm | 86 | 87 | 37 | 140 | 60562055 | 100mm | 95  | 144 | 65 | 190 | 60562100 |
| 56mm | 86 | 88 | 37 | 140 | 60562056 | 105mm | 95  | 154 | 68 | 190 | 60562105 |
| 57mm | 86 | 90 | 39 | 150 | 60562057 | 110mm | 95  | 157 | 72 | 200 | 60562110 |
| 58mm | 86 | 92 | 39 | 150 | 60562058 | 115mm | 95  | 164 | 77 | 210 | 60562115 |
| 60mm | 86 | 94 | 39 | 150 | 60562060 | 120mm | 95  | 167 | 77 | 210 | 60562120 |
| 62mm | 86 | 96 | 42 | 150 | 60562062 | 125mm | 127 | 174 | 77 | 210 | 60562125 |

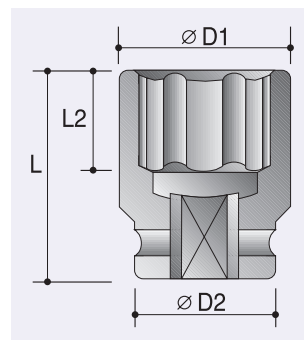
# Impact Sockets



## 6-Point Sockets

### ○ 2-1/2" Dr.,

|          | D2  | D1  | L2 | L   |          |         | D2  | D1  | L2  | L   |          |
|----------|-----|-----|----|-----|----------|---------|-----|-----|-----|-----|----------|
| size     | mm  | mm  | mm | mm  | No.      | size    | mm  | mm  | mm  | mm  | No.      |
| 2"       | 127 | 87  | 32 | 120 | 60481200 | 4-7/8"  | 127 | 184 | 72  | 175 | 60481428 |
| 2-1/16"  | 127 | 89  | 32 | 120 | 60481202 | 5"      | 127 | 184 | 72  | 175 | 60481500 |
| 2-1/8"   | 127 | 91  | 32 | 120 | 60481204 | 5-1/8"  | 152 | 187 | 72  | 175 | 60481504 |
| 2-3/16"  | 127 | 93  | 35 | 120 | 60481206 | 5-1/4"  | 152 | 194 | 72  | 175 | 60481508 |
| 2-1/4"   | 127 | 95  | 35 | 125 | 60481208 | 5-3/8"  | 152 | 197 | 77  | 180 | 60481512 |
| 2-5/16"  | 127 | 97  | 37 | 125 | 60481210 | 5-1/2"  | 152 | 204 | 77  | 180 | 60481516 |
| 2-3/8"   | 127 | 99  | 37 | 125 | 60481212 | 5-5/8"  | 152 | 207 | 83  | 185 | 60481520 |
| 2-7/16"  | 127 | 101 | 37 | 125 | 60481214 | 5-3/4"  | 152 | 214 | 83  | 185 | 60481524 |
| 2-1/2"   | 127 | 103 | 37 | 125 | 60481216 | 5-7/8"  | 152 | 214 | 83  | 185 | 60481528 |
| 2-9/16"  | 127 | 105 | 40 | 130 | 60481218 | 6"      | 152 | 217 | 83  | 185 | 60481600 |
| 2-5/8"   | 127 | 107 | 40 | 130 | 60481220 | 6-1/8"  | 152 | 224 | 90  | 190 | 60481604 |
| 2-11/16" | 127 | 108 | 40 | 130 | 60481222 | 6-1/4"  | 152 | 227 | 90  | 190 | 60481608 |
| 2-3/4"   | 127 | 110 | 40 | 130 | 60481224 | 6-3/8"  | 152 | 234 | 95  | 195 | 60481612 |
| 2-13/16" | 127 | 113 | 42 | 130 | 60481226 | 6-1/2"  | 152 | 234 | 95  | 195 | 60481616 |
| 2-7/8"   | 127 | 115 | 42 | 130 | 60481228 | 6-5/8"  | 152 | 237 | 95  | 195 | 60481620 |
| 2-15/16" | 127 | 118 | 42 | 140 | 60481230 | 6-3/4"  | 152 | 244 | 95  | 195 | 60481624 |
| 3"       | 127 | 120 | 45 | 140 | 60481300 | 6-7/8"  | 152 | 247 | 100 | 200 | 60481628 |
| 3-1/8"   | 127 | 124 | 45 | 140 | 60481304 | 7"      | 152 | 254 | 100 | 200 | 60481700 |
| 3-1/4"   | 127 | 127 | 45 | 140 | 60481308 | 7-1/8"  | 152 | 254 | 105 | 210 | 60481704 |
| 3-3/8"   | 127 | 131 | 52 | 140 | 60481312 | 7-1/2"  | 152 | 264 | 105 | 210 | 60481716 |
| 3-7/16"  | 127 | 133 | 52 | 140 | 60481314 | 7-5/8"  | 152 | 267 | 105 | 210 | 60481720 |
| 3-1/2"   | 127 | 135 | 52 | 140 | 60481316 | 7-7/8"  | 152 | 274 | 110 | 220 | 60481728 |
| 3-5/8"   | 127 | 139 | 52 | 145 | 60481320 | 8"      | 152 | 277 | 110 | 220 | 60481800 |
| 3-3/4"   | 127 | 143 | 52 | 145 | 60481324 | 8-1/4"  | 152 | 284 | 110 | 220 | 60481808 |
| 3-7/8"   | 127 | 147 | 58 | 150 | 60481328 | 8-5/16" | 175 | 287 | 115 | 230 | 60481810 |
| 4"       | 127 | 151 | 58 | 150 | 60481400 | 8-3/8"  | 175 | 287 | 115 | 230 | 60481812 |
| 4-1/8"   | 127 | 155 | 58 | 155 | 60481404 | 8-1/2"  | 175 | 294 | 120 | 240 | 60481816 |
| 4-1/4"   | 127 | 159 | 60 | 160 | 60481408 | 8-5/8"  | 175 | 297 | 120 | 240 | 60481820 |
| 4-3/8"   | 127 | 163 | 62 | 165 | 60481412 | 8-3/4"  | 175 | 304 | 125 | 250 | 60481824 |
| 4-1/2"   | 127 | 167 | 62 | 165 | 60481416 | 8-7/8"  | 175 | 307 | 125 | 250 | 60481828 |
| 4-5/8"   | 127 | 172 | 67 | 170 | 60481420 | 9"      | 175 | 314 | 130 | 260 | 60481900 |
| 4-3/4"   | 127 | 176 | 67 | 170 | 60481424 |         |     |     |     |     |          |



## 6-Point Sockets

### □ 2-1/2" Dr.,

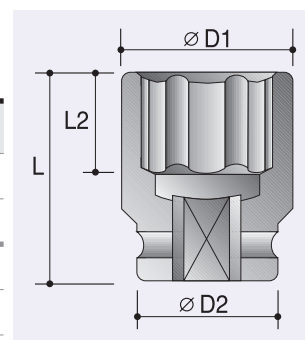
|       | D2  | D1  | L2  | L   | No.      |
|-------|-----|-----|-----|-----|----------|
| size  | mm  | mm  | mm  | mm  |          |
| 60mm  | 127 | 99  | 37  | 125 | 60581060 |
| 65mm  | 127 | 105 | 40  | 130 | 60581065 |
| 70mm  | 127 | 110 | 40  | 130 | 60581070 |
| 75mm  | 127 | 118 | 42  | 140 | 60581075 |
| 77mm  | 127 | 122 | 45  | 140 | 60581077 |
| 80mm  | 127 | 124 | 45  | 140 | 60581080 |
| 85mm  | 127 | 130 | 52  | 140 | 60581085 |
| 90mm  | 127 | 136 | 52  | 145 | 60581090 |
| 95mm  | 127 | 143 | 52  | 145 | 60581095 |
| 100mm | 127 | 149 | 58  | 150 | 60581100 |
| 105mm | 127 | 155 | 58  | 155 | 60581105 |
| 110mm | 127 | 161 | 60  | 160 | 60581110 |
| 115mm | 127 | 167 | 62  | 165 | 60581115 |
| 120mm | 127 | 176 | 67  | 170 | 60581120 |
| 125mm | 127 | 184 | 72  | 175 | 60581125 |
| 130mm | 152 | 187 | 72  | 175 | 60581130 |
| 135mm | 152 | 194 | 77  | 180 | 60581135 |
| 140mm | 152 | 204 | 77  | 180 | 60581140 |
| 145mm | 152 | 207 | 83  | 185 | 60581145 |
| 150mm | 152 | 214 | 83  | 185 | 60581150 |
| 155mm | 152 | 224 | 90  | 190 | 60581155 |
| 160mm | 152 | 227 | 90  | 190 | 60581160 |
| 165mm | 152 | 234 | 95  | 195 | 60581165 |
| 170mm | 152 | 244 | 95  | 195 | 60581170 |
| 175mm | 152 | 247 | 100 | 200 | 60581175 |
| 180mm | 152 | 254 | 100 | 200 | 60581180 |
| 185mm | 152 | 257 | 105 | 210 | 60581185 |
| 190mm | 152 | 264 | 105 | 210 | 60581190 |
| 200mm | 152 | 274 | 110 | 220 | 60581200 |
| 210mm | 152 | 287 | 110 | 220 | 60581210 |

# Impact Sockets

## 6-Point Sockets

### ○ #5 Spline Dr.,

|          | D2 | D1  | L2 | L   |          |      | D2 | D1  | L2 | L   |          |
|----------|----|-----|----|-----|----------|------|----|-----|----|-----|----------|
| size     | mm | mm  | mm | mm  | No.      | size | mm | mm  | mm | mm  | No.      |
| 7/8"     | 55 | 44  | 24 | 80  | 67000028 | 22mm | 55 | 44  | 24 | 80  | 67005022 |
| 15/16"   | 55 | 44  | 24 | 80  | 67000030 | 24mm | 55 | 44  | 24 | 80  | 67005024 |
| 1"       | 55 | 46  | 24 | 80  | 67000100 | 25mm | 55 | 46  | 24 | 80  | 67005025 |
| 1-1/16"  | 55 | 48  | 24 | 80  | 67000102 | 27mm | 55 | 48  | 24 | 80  | 67005027 |
| 1-1/8"   | 55 | 48  | 24 | 80  | 67000104 | 29mm | 55 | 48  | 24 | 80  | 67005029 |
| 1-3/16"  | 55 | 51  | 24 | 80  | 67000106 | 30mm | 55 | 51  | 24 | 80  | 67005030 |
| 1-1/4"   | 55 | 55  | 24 | 80  | 67000108 | 32mm | 55 | 55  | 24 | 80  | 67005032 |
| 1-5/16"  | 55 | 55  | 24 | 80  | 67000110 | 33mm | 55 | 55  | 24 | 80  | 67005033 |
| 1-3/8"   | 55 | 57  | 24 | 80  | 67000112 | 35mm | 55 | 57  | 24 | 80  | 67005035 |
| 1-7/16"  | 55 | 60  | 24 | 80  | 67000114 | 37mm | 55 | 60  | 24 | 80  | 67005037 |
| 1-1/2"   | 55 | 60  | 24 | 80  | 67000116 | 38mm | 55 | 60  | 24 | 80  | 67005038 |
| 1-9/16"  | 55 | 67  | 24 | 80  | 67000118 | 40mm | 55 | 67  | 24 | 80  | 67005040 |
| 1-5/8"   | 55 | 67  | 24 | 80  | 67000120 | 41mm | 55 | 67  | 24 | 80  | 67005041 |
| 1-11/16" | 55 | 67  | 30 | 80  | 67000122 | 43mm | 55 | 67  | 30 | 80  | 67005043 |
| 1-3/4"   | 65 | 73  | 38 | 98  | 67000124 | 45mm | 65 | 73  | 38 | 98  | 67005045 |
| 1-13/16" | 65 | 73  | 38 | 98  | 67000126 | 46mm | 65 | 73  | 38 | 98  | 67005046 |
| 1-7/8"   | 65 | 73  | 38 | 98  | 67000128 | 48mm | 65 | 73  | 38 | 98  | 67005048 |
| 1-15/16" | 65 | 73  | 38 | 98  | 67000130 | 50mm | 65 | 75  | 38 | 98  | 67005050 |
| 2"       | 65 | 79  | 38 | 98  | 67000200 | 51mm | 65 | 79  | 38 | 98  | 67005051 |
| 2-1/16"  | 65 | 79  | 38 | 98  | 67000202 | 53mm | 65 | 79  | 38 | 98  | 67005053 |
| 2-1/8"   | 65 | 79  | 38 | 98  | 67000204 | 54mm | 65 | 79  | 38 | 98  | 67005054 |
| 2-3/16"  | 65 | 83  | 38 | 98  | 67000206 | 56mm | 65 | 83  | 38 | 98  | 67005056 |
| 2-1/4"   | 65 | 86  | 46 | 106 | 67000208 | 57mm | 65 | 86  | 46 | 106 | 67005057 |
| 2-5/16"  | 65 | 86  | 46 | 106 | 67000210 | 59mm | 65 | 86  | 46 | 106 | 67005059 |
| 2-3/8"   | 65 | 86  | 46 | 106 | 67000212 | 60mm | 65 | 86  | 46 | 106 | 67005030 |
| 2-7/16"  | 65 | 86  | 46 | 117 | 67000214 | 62mm | 65 | 86  | 46 | 106 | 67005062 |
| 2-1/2"   | 86 | 99  | 57 | 117 | 67000216 | 64mm | 86 | 99  | 57 | 117 | 67005064 |
| 2-9/16"  | 86 | 99  | 57 | 117 | 67000218 | 65mm | 86 | 99  | 57 | 117 | 67005065 |
| 2-5/8"   | 86 | 99  | 57 | 117 | 67000220 | 67mm | 86 | 99  | 57 | 117 | 67005067 |
| 2-3/4"   | 86 | 99  | 57 | 117 | 67000224 | 70mm | 86 | 99  | 57 | 117 | 67005070 |
| 2-13/16" | 86 | 105 | 57 | 117 | 67000226 | 72mm | 86 | 105 | 57 | 117 | 67005072 |
| 2-7/8"   | 86 | 105 | 57 | 117 | 67000228 | 75mm | 86 | 105 | 57 | 117 | 67005075 |
| 2-15/16" | 86 | 105 | 57 | 117 | 67000230 | 76mm | 86 | 111 | 75 | 135 | 67005076 |
| 3"       | 86 | 111 | 75 | 135 | 67000300 | 80mm | 86 | 111 | 75 | 135 | 67005080 |
| 3-1/8"   | 86 | 111 | 75 | 135 | 67000304 |      |    |     |    |     |          |

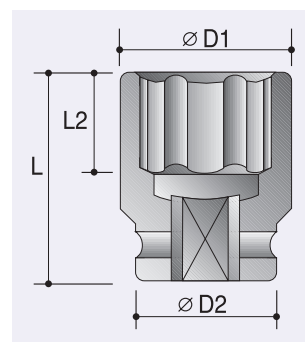




# 12-Point Sockets

|                 |                  |
|-----------------|------------------|
| 3/8" Sq. Dr.,   | 12-Point Sockets |
| 1/2" Sq. Dr.,   | 12-Point Sockets |
| 3/4" Sq. Dr.,   | 12-Point Sockets |
| 1" Sq. Dr.,     | 12-Point Sockets |
| 1-1/2" Sq. Dr., | 12-Point Sockets |
| 2-1/2" Sq. Dr., | 12-Point Sockets |

# Impact Sockets



## 12-Point Sockets

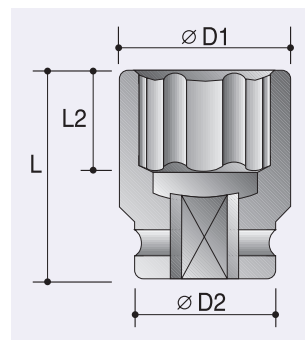
### 3/8" Dr.,

| size    | D2 | D1   | L2 | L  | No.      | size | D2 | D1   | L2 | L  | No.      |
|---------|----|------|----|----|----------|------|----|------|----|----|----------|
| 1/4"    | 19 | 11   | 5  | 30 | 65810008 | 6mm  | 19 | 11   | 5  | 30 | 65815006 |
| 5/16"   | 19 | 13   | 6  | 30 | 65810010 | 7mm  | 19 | 12   | 5  | 30 | 65815007 |
| 3/8"    | 19 | 15   | 6  | 30 | 65810012 | 8mm  | 19 | 13   | 6  | 30 | 65815008 |
| 7/16"   | 19 | 17.5 | 8  | 30 | 65810014 | 9mm  | 19 | 15   | 6  | 30 | 65815009 |
| 1/2"    | 20 | 20   | 9  | 30 | 65810016 | 10mm | 19 | 16.5 | 7  | 30 | 65815010 |
| 9/16"   | 22 | 21.5 | 11 | 32 | 65810018 | 11mm | 19 | 17.5 | 8  | 30 | 65815011 |
| 5/8"    | 22 | 24   | 11 | 32 | 65810020 | 12mm | 20 | 19   | 9  | 30 | 65815012 |
| 11/16"  | 22 | 25.5 | 11 | 32 | 65810022 | 13mm | 22 | 20   | 9  | 30 | 65815013 |
| 3/4"    | 22 | 27.5 | 13 | 34 | 65810024 | 14mm | 22 | 21.5 | 11 | 32 | 65815014 |
| 13/16"  | 22 | 30   | 15 | 34 | 65810026 | 15mm | 22 | 22   | 11 | 32 | 65815015 |
| 7/8"    | 23 | 32   | 15 | 34 | 65810028 | 16mm | 22 | 24   | 11 | 32 | 65815016 |
| 15/16"  | 23 | 34   | 16 | 34 | 65810030 | 17mm | 22 | 25   | 11 | 32 | 65815017 |
| 1"      | 23 | 35.5 | 16 | 36 | 65810100 | 18mm | 22 | 26   | 13 | 34 | 65815018 |
| 1-1/16" | 23 | 38   | 16 | 36 | 65810102 | 19mm | 22 | 27.5 | 13 | 34 | 65815019 |
|         |    |      |    |    |          | 20mm | 22 | 28   | 13 | 34 | 65815020 |
|         |    |      |    |    |          | 21mm | 22 | 30   | 15 | 34 | 65815021 |
|         |    |      |    |    |          | 22mm | 23 | 32   | 15 | 34 | 65815022 |
|         |    |      |    |    |          | 23mm | 23 | 33   | 15 | 34 | 65815023 |
|         |    |      |    |    |          | 24mm | 23 | 34   | 16 | 34 | 65815024 |
|         |    |      |    |    |          | 25mm | 23 | 35   | 16 | 36 | 65815025 |
| 26mm    | 23 | 36   | 16 | 36 | 65815026 |      |    |      |    |    |          |
| 27mm    | 23 | 38   | 16 | 36 | 65815027 |      |    |      |    |    |          |

## 12-Point Sockets - Deep

### 3/8" Dr.,

|         | D2 | D1   | L2 | L  |          |      | D2 | D1   | L2 | L  |          |
|---------|----|------|----|----|----------|------|----|------|----|----|----------|
| size    | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm | No.      |
| 1/4"    | 19 | 11   | 4  | 55 | 65813008 | 6mm  | 19 | 11   | 4  | 55 | 65818006 |
| 5/16"   | 19 | 13   | 4  | 55 | 65813010 | 7mm  | 19 | 12   | 4  | 55 | 65818007 |
| 3/8"    | 19 | 15   | 5  | 55 | 65813012 | 8mm  | 19 | 13   | 4  | 55 | 65818008 |
| 7/16"   | 19 | 17.5 | 6  | 55 | 65813014 | 9mm  | 19 | 15   | 5  | 55 | 65818009 |
| 1/2"    | 20 | 20   | 6  | 55 | 65813016 | 10mm | 19 | 16.5 | 5  | 55 | 65818010 |
| 9/16"   | 22 | 21.5 | 7  | 55 | 65813018 | 11mm | 19 | 17.5 | 6  | 55 | 65818011 |
| 5/8"    | 22 | 24   | 7  | 55 | 65813020 | 12mm | 19 | 19   | 6  | 55 | 65818012 |
| 11/16"  | 22 | 25.5 | 7  | 55 | 65813022 | 13mm | 22 | 20   | 6  | 55 | 65818013 |
| 3/4"    | 22 | 27.5 | 8  | 55 | 65813024 | 14mm | 22 | 21.5 | 7  | 55 | 65818014 |
| 1/4"    | 19 | 11   | 5  | 63 | 65812008 | 15mm | 22 | 22   | 7  | 55 | 65818015 |
| 5/16"   | 19 | 13   | 6  | 63 | 65812010 | 16mm | 22 | 24   | 7  | 55 | 65818016 |
| 3/8"    | 19 | 15   | 6  | 65 | 65812012 | 17mm | 22 | 25   | 7  | 55 | 65818017 |
| 7/16"   | 19 | 17.5 | 8  | 65 | 65812014 | 18mm | 22 | 26   | 8  | 55 | 65818018 |
| 1/2"    | 20 | 20   | 9  | 65 | 65812016 | 19mm | 22 | 27.5 | 8  | 55 | 65818019 |
| 9/16"   | 22 | 21.5 | 11 | 65 | 65812018 | 6mm  | 19 | 11   | 5  | 63 | 65817006 |
| 5/8"    | 22 | 24   | 11 | 65 | 65812020 | 7mm  | 19 | 12   | 5  | 63 | 65817007 |
| 11/16"  | 22 | 25.5 | 11 | 65 | 65812022 | 8mm  | 19 | 13   | 6  | 63 | 65817008 |
| 3/4"    | 22 | 27.5 | 13 | 65 | 65812024 | 9mm  | 19 | 15   | 6  | 65 | 65817009 |
| 13/16"  | 22 | 30   | 15 | 65 | 65812026 | 10mm | 19 | 16.5 | 7  | 65 | 65817010 |
| 7/8"    | 23 | 32   | 15 | 65 | 65812028 | 11mm | 19 | 17.5 | 8  | 65 | 65817011 |
| 15/16"  | 23 | 34   | 16 | 65 | 65812030 | 12mm | 20 | 19   | 9  | 65 | 65817012 |
| 1"      | 23 | 35.5 | 16 | 65 | 65812100 | 13mm | 22 | 20   | 9  | 65 | 65817013 |
| 1-1/16" | 23 | 38   | 16 | 65 | 65812102 | 14mm | 22 | 21.5 | 11 | 65 | 65817014 |
|         |    |      |    |    |          | 15mm | 22 | 22   | 11 | 65 | 65817015 |
|         |    |      |    |    |          | 16mm | 22 | 24   | 11 | 65 | 65817016 |
|         |    |      |    |    |          | 17mm | 22 | 25   | 11 | 65 | 65817017 |
|         |    |      |    |    |          | 18mm | 22 | 26   | 13 | 65 | 65817018 |
|         |    |      |    |    |          | 19mm | 22 | 27.5 | 13 | 65 | 65817019 |
|         |    |      |    |    |          | 20mm | 22 | 28   | 13 | 65 | 65817020 |
|         |    |      |    |    |          | 21mm | 22 | 30   | 15 | 65 | 65817021 |
|         |    |      |    |    |          | 22mm | 23 | 32   | 15 | 65 | 65817022 |
|         |    |      |    |    |          | 23mm | 23 | 33   | 15 | 65 | 65817023 |
|         |    |      |    |    |          | 24mm | 23 | 34   | 16 | 65 | 65817024 |
|         |    |      |    |    |          | 25mm | 23 | 35   | 16 | 65 | 65817025 |
|         |    |      |    |    |          | 26mm | 23 | 36   | 16 | 65 | 65817026 |
|         |    |      |    |    |          | 27mm | 23 | 38   | 16 | 65 | 65817027 |

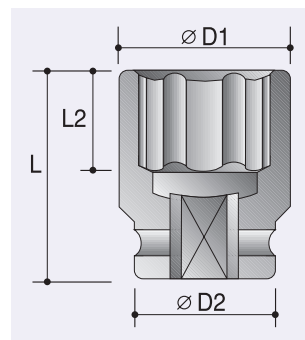


# Impact Sockets

## 12-Point Sockets

### 1/2" Dr.,

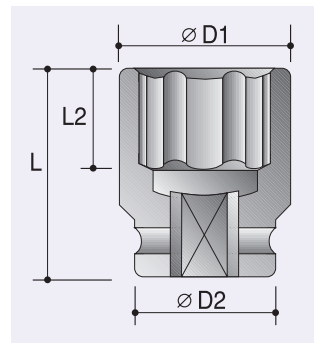
|          | D2 | D1   | L2 | L  |          |      | D2 | D1   | L2 | L  |          |
|----------|----|------|----|----|----------|------|----|------|----|----|----------|
| size     | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm | No.      |
| 1/4"     | 25 | 13   | 5  | 38 | 63820008 | 6mm  | 25 | 13   | 5  | 38 | 63825006 |
| 5/16"    | 25 | 15   | 6  | 38 | 63820010 | 7mm  | 25 | 14   | 5  | 38 | 63825007 |
| 3/8"     | 25 | 17   | 6  | 38 | 63820012 | 8mm  | 25 | 15   | 6  | 38 | 63825008 |
| 7/16"    | 25 | 19   | 8  | 38 | 63820014 | 9mm  | 25 | 16   | 6  | 38 | 63825009 |
| 1/2"     | 25 | 21   | 9  | 38 | 63820016 | 10mm | 25 | 17.5 | 7  | 38 | 63825010 |
| 9/16"    | 25 | 22.5 | 11 | 38 | 63820018 | 11mm | 25 | 19   | 8  | 38 | 63825011 |
| 5/8"     | 28 | 25   | 11 | 38 | 63820020 | 12mm | 25 | 20   | 9  | 38 | 63825012 |
| 11/16"   | 30 | 27   | 11 | 38 | 63820022 | 13mm | 25 | 21   | 9  | 38 | 63825013 |
| 3/4"     | 30 | 29   | 13 | 40 | 63820024 | 14mm | 25 | 22.5 | 11 | 38 | 63825014 |
| 13/16"   | 30 | 31   | 15 | 40 | 63820026 | 15mm | 30 | 23.5 | 11 | 38 | 63825015 |
| 7/8"     | 30 | 32.5 | 15 | 40 | 63820028 | 16mm | 30 | 25   | 11 | 38 | 63825016 |
| 15/16"   | 30 | 35   | 18 | 45 | 63820030 | 17mm | 30 | 26.5 | 11 | 38 | 63825017 |
| 1"       | 30 | 37   | 18 | 45 | 63820100 | 18mm | 30 | 27.5 | 13 | 40 | 63825018 |
| 1-1/16"  | 30 | 39   | 19 | 50 | 63820102 | 19mm | 30 | 29   | 13 | 40 | 63825019 |
| 1-1/8"   | 30 | 41   | 19 | 50 | 63820104 | 20mm | 30 | 30   | 13 | 40 | 63825020 |
| 1-3/16"  | 30 | 42.5 | 21 | 50 | 63820106 | 21mm | 30 | 31   | 15 | 40 | 63825021 |
| 1-1/4"   | 30 | 45   | 22 | 50 | 63820108 | 22mm | 30 | 32.5 | 15 | 40 | 63825022 |
| 1-5/16"  | 30 | 46.5 | 22 | 50 | 63820110 | 23mm | 30 | 34   | 15 | 40 | 63825023 |
| 1-3/8"   | 30 | 49.5 | 22 | 50 | 63820112 | 24mm | 30 | 35   | 18 | 45 | 63825024 |
| 1-7/16"  | 30 | 51   | 24 | 50 | 63820114 | 25mm | 30 | 36   | 18 | 45 | 63825025 |
| 1-1/2"   | 38 | 53   | 24 | 50 | 63820116 | 26mm | 30 | 38   | 18 | 50 | 63825026 |
| 1-9/16"  | 44 | 56   | 24 | 60 | 63820118 | 27mm | 30 | 39   | 19 | 50 | 63825027 |
| 1-5/8"   | 44 | 58.5 | 27 | 60 | 63820120 | 28mm | 30 | 40   | 19 | 50 | 63825028 |
| 1-11/16" | 44 | 61   | 27 | 60 | 63820122 | 29mm | 30 | 41   | 19 | 50 | 63825029 |
| 1-3/4"   | 44 | 63   | 27 | 60 | 63820124 | 30mm | 30 | 42.5 | 21 | 50 | 63825030 |
| 1-13/16" | 44 | 65   | 30 | 70 | 63820126 | 31mm | 30 | 44   | 21 | 50 | 63825031 |
| 1-7/8"   | 44 | 67.5 | 30 | 70 | 63820128 | 32mm | 30 | 45   | 22 | 50 | 63825032 |
| 1-15/16" | 44 | 69   | 30 | 70 | 63820130 | 33mm | 30 | 46.5 | 22 | 50 | 63825033 |
| 2"       | 52 | 71   | 32 | 70 | 63820200 | 34mm | 30 | 48   | 22 | 50 | 63825034 |
| 2-1/16"  | 52 | 72.5 | 32 | 70 | 63820202 | 35mm | 30 | 49.5 | 22 | 50 | 63825035 |
| 2-1/8"   | 52 | 75   | 32 | 70 | 63820204 | 36mm | 30 | 50.5 | 24 | 50 | 63825036 |
| 2-3/16"  | 52 | 76.5 | 35 | 70 | 63820206 | 38mm | 38 | 53   | 24 | 50 | 63825038 |
| 2-1/4"   | 52 | 78   | 35 | 70 | 63820208 | 40mm | 44 | 56   | 24 | 60 | 63825040 |
|          |    |      |    |    |          | 41mm | 44 | 58.5 | 27 | 60 | 63825041 |
|          |    |      |    |    |          | 42mm | 44 | 60   | 27 | 60 | 63825042 |
|          |    |      |    |    |          | 43mm | 44 | 61   | 27 | 60 | 63825043 |
|          |    |      |    |    |          | 44mm | 44 | 63   | 27 | 60 | 63825044 |
|          |    |      |    |    |          | 45mm | 44 | 64   | 27 | 60 | 63825045 |
|          |    |      |    |    |          | 46mm | 44 | 65   | 30 | 70 | 63825046 |
|          |    |      |    |    |          | 47mm | 44 | 66.5 | 30 | 70 | 63825047 |
|          |    |      |    |    |          | 48mm | 44 | 68   | 30 | 70 | 63825048 |
|          |    |      |    |    |          | 50mm | 52 | 70   | 32 | 70 | 63825050 |
|          |    |      |    |    |          | 52mm | 52 | 72.5 | 32 | 70 | 63825052 |
|          |    |      |    |    |          | 54mm | 52 | 75   | 32 | 70 | 63825054 |
|          |    |      |    |    |          | 55mm | 52 | 76   | 35 | 70 | 63825055 |



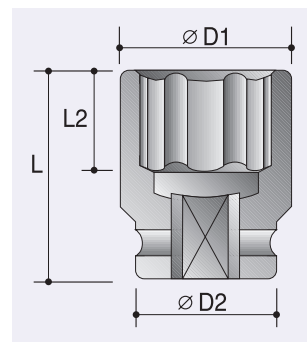
## 12-Point Socket, Deep

1/2" Dr.,

|          | D2 | D1   | L2 | L  |          |      | D2 | D1   | L2 | L  |          |
|----------|----|------|----|----|----------|------|----|------|----|----|----------|
| size     | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm | No.      |
| 1/4"     | 25 | 13   | 5  | 83 | 65822008 | 6mm  | 25 | 13   | 5  | 83 | 65827006 |
| 5/16"    | 25 | 15   | 6  | 83 | 65822010 | 7mm  | 25 | 14   | 5  | 83 | 65827007 |
| 3/8"     | 25 | 17   | 6  | 83 | 65822012 | 8mm  | 25 | 15   | 6  | 83 | 65827008 |
| 7/16"    | 25 | 19   | 8  | 83 | 65822014 | 9mm  | 25 | 16   | 6  | 83 | 65827009 |
| 1/2"     | 25 | 21   | 9  | 83 | 65822016 | 10mm | 25 | 17.5 | 7  | 83 | 65827010 |
| 9/16"    | 25 | 22.5 | 11 | 83 | 65822018 | 11mm | 25 | 19   | 8  | 83 | 65827011 |
| 5/8"     | 28 | 25   | 11 | 83 | 65822020 | 12mm | 25 | 20   | 9  | 83 | 65827012 |
| 11/16"   | 30 | 27   | 11 | 83 | 65822022 | 13mm | 25 | 21   | 9  | 83 | 65827013 |
| 3/4"     | 30 | 29   | 13 | 83 | 65822024 | 14mm | 25 | 22.5 | 11 | 83 | 65827014 |
| 13/16"   | 30 | 31   | 15 | 83 | 65822026 | 15mm | 30 | 23.5 | 11 | 83 | 65827015 |
| 7/8"     | 30 | 32.5 | 15 | 90 | 65822028 | 16mm | 30 | 25   | 11 | 83 | 65827016 |
| 15/16"   | 30 | 35   | 18 | 90 | 65822030 | 17mm | 30 | 26.5 | 11 | 83 | 65827017 |
| 1"       | 30 | 37   | 18 | 90 | 65822100 | 18mm | 30 | 27.5 | 13 | 83 | 65827018 |
| 1-1/16"  | 30 | 39   | 19 | 90 | 65822102 | 19mm | 30 | 29   | 13 | 83 | 65827019 |
| 1-1/8"   | 30 | 41   | 19 | 90 | 65822104 | 20mm | 30 | 30   | 13 | 83 | 65827020 |
| 1-3/16"  | 30 | 42.5 | 21 | 90 | 65822106 | 21mm | 30 | 31   | 15 | 83 | 65827021 |
| 1-1/4"   | 30 | 45   | 22 | 90 | 65822108 | 22mm | 30 | 32.5 | 15 | 90 | 65827022 |
| 1-5/16"  | 30 | 46.5 | 22 | 90 | 65822110 | 23mm | 30 | 34   | 15 | 90 | 65827023 |
| 1-3/8"   | 30 | 49.5 | 22 | 90 | 65822112 | 24mm | 30 | 35   | 18 | 90 | 65827024 |
| 1-7/16"  | 30 | 51   | 24 | 90 | 65822114 | 25mm | 30 | 36   | 18 | 90 | 65827025 |
| 1-1/2"   | 38 | 53   | 24 | 90 | 65822116 | 26mm | 30 | 38   | 18 | 90 | 65827026 |
| 1-9/16"  | 44 | 56   | 58 | 93 | 65822118 | 27mm | 30 | 39   | 19 | 90 | 65827027 |
| 1-5/8"   | 44 | 58.5 | 58 | 93 | 65822120 | 28mm | 30 | 40   | 19 | 90 | 65827028 |
| 1-11/16" | 44 | 61   | 58 | 93 | 65822122 | 29mm | 30 | 41   | 19 | 90 | 65827029 |
| 1-3/4"   | 44 | 63   | 58 | 93 | 65822124 | 30mm | 30 | 42.5 | 21 | 90 | 65827030 |
| 1-13/16" | 44 | 65   | 58 | 93 | 65822126 | 31mm | 30 | 44   | 21 | 90 | 65827031 |
| 1-7/8"   | 44 | 67.5 | 58 | 93 | 65822128 | 32mm | 30 | 45   | 22 | 90 | 65827032 |
| 1-15/16" | 44 | 69   | 58 | 93 | 65822130 | 33mm | 30 | 46.5 | 22 | 90 | 65827033 |
| 2"       | 52 | 71   | 58 | 93 | 65822200 | 34mm | 30 | 48   | 22 | 90 | 65827034 |
| 2-1/16"  | 52 | 72.5 | 58 | 93 | 65822202 | 35mm | 30 | 49.5 | 22 | 90 | 65827035 |
| 2-1/8"   | 52 | 75   | 58 | 93 | 65822204 | 36mm | 30 | 50.5 | 24 | 90 | 65827036 |
| 2-3/16"  | 52 | 76.5 | 58 | 93 | 65822206 | 38mm | 38 | 53   | 24 | 90 | 65827038 |
| 2-1/4"   | 52 | 78   | 58 | 93 | 65822208 | 40mm | 44 | 56   | 58 | 93 | 65827040 |
|          |    |      |    |    |          | 41mm | 44 | 58.5 | 58 | 93 | 65827041 |
|          |    |      |    |    |          | 42mm | 44 | 60   | 58 | 93 | 65827042 |
|          |    |      |    |    |          | 43mm | 44 | 61   | 58 | 93 | 65827043 |
|          |    |      |    |    |          | 44mm | 44 | 63   | 58 | 93 | 65827044 |
|          |    |      |    |    |          | 45mm | 44 | 64   | 58 | 93 | 65827045 |
|          |    |      |    |    |          | 46mm | 44 | 65   | 58 | 93 | 65827046 |
|          |    |      |    |    |          | 47mm | 44 | 66.5 | 58 | 93 | 65827047 |
|          |    |      |    |    |          | 48mm | 44 | 68   | 58 | 93 | 65827048 |
|          |    |      |    |    |          | 50mm | 52 | 70   | 58 | 93 | 65827050 |
|          |    |      |    |    |          | 52mm | 52 | 72.5 | 58 | 93 | 65827052 |
|          |    |      |    |    |          | 54mm | 52 | 75   | 58 | 93 | 65827054 |
|          |    |      |    |    |          | 55mm | 52 | 76   | 58 | 93 | 65827055 |



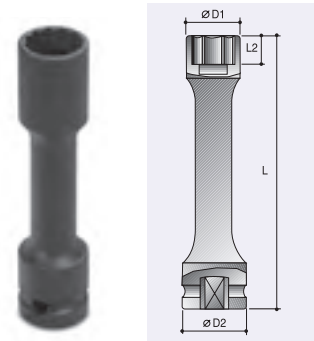
# Impact Sockets



## 12-Point Sockets

### 1/2" Dr.,

| size   | D2 | D1 | L2 | L  | No.      | size | D2 | D1 | L2 | L  | No.      |
|--------|----|----|----|----|----------|------|----|----|----|----|----------|
| mm     | mm | mm | mm | mm |          | mm   | mm | mm | mm | mm |          |
| 1/4"   | 24 | 13 | 6  | 38 | 63720A08 | 6mm  | 24 | 13 | 6  | 38 | 63725A06 |
| 5/16"  | 24 | 15 | 9  | 38 | 63720A10 | 7mm  | 24 | 14 | 7  | 38 | 63725A07 |
| 3/8"   | 24 | 16 | 12 | 38 | 63720A12 | 8mm  | 24 | 15 | 9  | 38 | 63725A08 |
| 7/16"  | 24 | 18 | 12 | 38 | 63720A14 | 9mm  | 24 | 15 | 12 | 38 | 63725A09 |
| 1/2"   | 24 | 20 | 12 | 38 | 63720A16 | 10mm | 24 | 17 | 12 | 38 | 63725A10 |
| 9/16"  | 24 | 22 | 12 | 38 | 63720A18 | 11mm | 24 | 18 | 12 | 38 | 63725A11 |
| 5/8"   | 24 | 24 | 12 | 38 | 63720A20 | 12mm | 24 | 19 | 12 | 38 | 63725A12 |
| 11/16" | 26 | 26 | 13 | 38 | 63720A22 | 13mm | 24 | 20 | 12 | 38 | 63725A13 |
| 3/4"   | 28 | 28 | 13 | 38 | 63720A24 | 14mm | 24 | 22 | 12 | 38 | 63725A14 |
|        |    |    |    |    |          | 15mm | 24 | 24 | 12 | 38 | 63725A15 |
|        |    |    |    |    |          | 16mm | 24 | 24 | 12 | 38 | 63725A16 |
|        |    |    |    |    |          | 17mm | 26 | 26 | 13 | 38 | 63725A17 |
|        |    |    |    |    |          | 18mm | 26 | 26 | 13 | 38 | 63725A18 |
|        |    |    |    |    |          | 19mm | 28 | 28 | 13 | 38 | 63725A19 |



## 12-Point Sockets - Extended Length

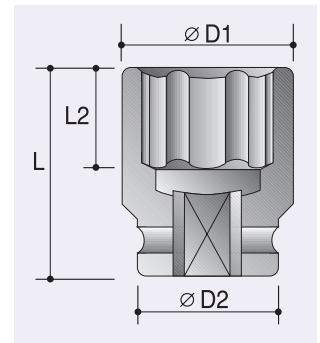
| ○ 1/2" Dr., |    |      |    |     |          |     |          |     |          |     |          |     |          |
|-------------|----|------|----|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
|             | D2 | D1   | L2 | L   |          | L   |          | L   |          | L   |          | L   |          |
| size        | mm | mm   | mm | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      |
| 5/16"       | 25 | 15   | 10 | 125 | 65A21010 | 150 | 65A22010 | 175 | 65A23010 | 200 | 65A24010 | 250 | 65A25010 |
| 3/8"        | 25 | 17.5 | 12 | 125 | 65A21012 | 150 | 65A22012 | 175 | 65A23012 | 200 | 65A24012 | 250 | 65A25012 |
| 7/16"       | 25 | 18.5 | 12 | 125 | 65A21014 | 150 | 65A22014 | 175 | 65A23014 | 200 | 65A24014 | 250 | 65A25014 |
| 1/2"        | 25 | 21   | 12 | 125 | 65A21016 | 150 | 65A22016 | 175 | 65A23016 | 200 | 65A24016 | 250 | 65A25016 |
| 9/16"       | 25 | 22.5 | 12 | 125 | 65A21018 | 150 | 65A22018 | 175 | 65A23018 | 200 | 65A24018 | 250 | 65A25018 |
| 5/8"        | 28 | 25   | 13 | 125 | 65A21020 | 150 | 65A22020 | 175 | 65A23020 | 200 | 65A24020 | 250 | 65A25020 |
| 11/16"      | 30 | 27.5 | 13 | 125 | 65A21022 | 150 | 65A22022 | 175 | 65A23022 | 200 | 65A24022 | 250 | 65A25022 |
| 3/4"        | 30 | 28.5 | 13 | 125 | 65A21024 | 150 | 65A22024 | 175 | 65A23024 | 200 | 65A24024 | 250 | 65A25024 |
| 13/16"      | 30 | 31   | 13 | 125 | 65A21026 | 150 | 65A22026 | 175 | 65A23026 | 200 | 65A24026 | 250 | 65A25026 |
| 7/8"        | 30 | 32   | 14 | 125 | 65A21028 | 150 | 65A22028 | 175 | 65A23028 | 200 | 65A24028 | 250 | 65A25028 |
| 15/16"      | 30 | 35   | 15 | 125 | 65A21030 | 150 | 65A22030 | 175 | 65A23030 | 200 | 65A24030 | 250 | 65A25030 |
| 1"          | 30 | 38   | 16 | 125 | 65A21100 | 150 | 65A22100 | 175 | 65A23100 | 200 | 65A24100 | 250 | 65A25100 |
| 1-1/16"     | 30 | 38.5 | 17 | 125 | 65A21102 | 150 | 65A22102 | 175 | 65A23102 | 200 | 65A24102 | 250 | 65A25102 |
| 8mm         | 25 | 15   | 10 | 125 | 65B21008 | 150 | 65B22008 | 175 | 65B23008 | 200 | 65B24008 | 250 | 65B25008 |
| 9mm         | 25 | 16   | 12 | 125 | 65B21009 | 150 | 65B22009 | 175 | 65B23009 | 200 | 65B24009 | 250 | 65B25009 |
| 10mm        | 25 | 17.5 | 12 | 125 | 65B21010 | 150 | 65B22010 | 175 | 65B23010 | 200 | 65B24010 | 250 | 65B25010 |
| 11mm        | 25 | 18.5 | 12 | 125 | 65B21011 | 150 | 65B22011 | 175 | 65B23011 | 200 | 65B24011 | 250 | 65B25011 |
| 12mm        | 25 | 20   | 12 | 125 | 65B21012 | 150 | 65B22012 | 175 | 65B23012 | 200 | 65B24012 | 250 | 65B25012 |
| 13mm        | 25 | 21   | 12 | 125 | 65B21013 | 150 | 65B22013 | 175 | 65B23013 | 200 | 65B24013 | 250 | 65B25013 |
| 14mm        | 25 | 22.5 | 12 | 125 | 65B21014 | 150 | 65B22014 | 175 | 65B23014 | 200 | 65B24014 | 250 | 65B25014 |
| 15mm        | 30 | 23.5 | 12 | 125 | 65B21015 | 150 | 65B22015 | 175 | 65B23015 | 200 | 65B24015 | 250 | 65B25015 |
| 16mm        | 30 | 25   | 13 | 125 | 65B21016 | 150 | 65B22016 | 175 | 65B23016 | 200 | 65B24016 | 250 | 65B25016 |
| 17mm        | 30 | 26   | 13 | 125 | 65B21017 | 150 | 65B22017 | 175 | 65B23017 | 200 | 65B24017 | 250 | 65B25017 |
| 18mm        | 30 | 27.5 | 13 | 125 | 65B21018 | 150 | 65B22018 | 175 | 65B23018 | 200 | 65B24018 | 250 | 65B25018 |
| 19mm        | 30 | 28.5 | 13 | 125 | 65B21019 | 150 | 65B22019 | 175 | 65B23019 | 200 | 65B24019 | 250 | 65B25019 |
| 20mm        | 30 | 30   | 13 | 125 | 65B21020 | 150 | 65B22020 | 175 | 65B23020 | 200 | 65B24020 | 250 | 65B25020 |
| 21mm        | 30 | 31   | 13 | 125 | 65B21021 | 150 | 65B22021 | 175 | 65B23021 | 200 | 65B24021 | 250 | 65B25021 |
| 22mm        | 30 | 32   | 14 | 125 | 65B21022 | 150 | 65B22022 | 175 | 65B23022 | 200 | 65B24022 | 250 | 65B25022 |
| 23mm        | 30 | 34   | 14 | 125 | 65B21023 | 150 | 65B22023 | 175 | 65B23023 | 200 | 65B24023 | 250 | 65B25023 |
| 24mm        | 30 | 35   | 15 | 125 | 65B21024 | 150 | 65B22024 | 175 | 65B23024 | 200 | 65B24024 | 250 | 65B25024 |
| 25mm        | 30 | 36   | 15 | 125 | 65B21025 | 150 | 65B22025 | 175 | 65B23025 | 200 | 65B24025 | 250 | 65B25025 |
| 26mm        | 30 | 38   | 16 | 125 | 65B21026 | 150 | 65B22026 | 175 | 65B23026 | 200 | 65B24026 | 250 | 65B25026 |
| 27mm        | 30 | 38.5 | 17 | 125 | 65B21027 | 150 | 65B22027 | 175 | 65B23027 | 200 | 65B24027 | 250 | 65B25027 |

# Impact Sockets

## 12-Point Sockets

### 3/4" Dr.,

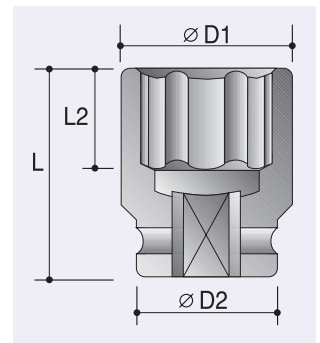
|          | D2 | D1   | L2 | L  |          |          | D2 | D1   | L2 | L  |          |
|----------|----|------|----|----|----------|----------|----|------|----|----|----------|
| size     | mm | mm   | mm | mm | No.      | size     | mm | mm   | mm | mm | No.      |
| 1/2"     | 44 | 24.5 | 9  | 50 | 65840016 | 1-13/16" | 44 | 67   | 30 | 63 | 65840126 |
| 9/16"    | 44 | 25.5 | 11 | 50 | 65840018 | 1-7/8"   | 44 | 68   | 30 | 68 | 65840128 |
| 5/8"     | 44 | 28   | 11 | 50 | 65840020 | 1-15/16" | 44 | 70   | 30 | 70 | 65840130 |
| 11/16"   | 44 | 31.5 | 12 | 50 | 65840022 | 2"       | 54 | 72   | 32 | 72 | 65840200 |
| 3/4"     | 44 | 33   | 13 | 50 | 65840024 | 2-1/16"  | 54 | 74   | 32 | 72 | 65840202 |
| 13/16"   | 44 | 35   | 15 | 50 | 65840026 | 2-1/8"   | 54 | 77   | 32 | 72 | 65840204 |
| 7/8"     | 44 | 37   | 15 | 50 | 65840028 | 2-3/16"  | 54 | 78.5 | 35 | 74 | 65840206 |
| 15/16"   | 44 | 39   | 18 | 50 | 65840030 | 2-1/4"   | 54 | 80   | 35 | 74 | 65840208 |
| 1"       | 44 | 41   | 18 | 50 | 65840100 | 2-5/16"  | 54 | 82   | 37 | 75 | 65840210 |
| 1-1/16"  | 44 | 43   | 19 | 54 | 65840102 | 2-3/8"   | 54 | 84   | 37 | 75 | 65840212 |
| 1-1/8"   | 44 | 44.5 | 21 | 54 | 65840104 | 2-7/16"  | 54 | 86   | 37 | 75 | 65840214 |
| 1-3/16"  | 44 | 47   | 21 | 54 | 65840106 | 2-1/2"   | 54 | 88   | 37 | 75 | 65840216 |
| 1-1/4"   | 44 | 49   | 22 | 56 | 65840108 | 2-9/16"  | 54 | 90   | 40 | 78 | 65840218 |
| 1-5/16"  | 44 | 51   | 22 | 56 | 65840110 | 2-5/8"   | 54 | 92   | 40 | 80 | 65840220 |
| 1-3/8"   | 44 | 53   | 22 | 56 | 65840112 | 2-11/16" | 54 | 94   | 40 | 80 | 65840222 |
| 1-7/16"  | 44 | 55   | 25 | 56 | 65840114 | 2-3/4"   | 54 | 96   | 40 | 80 | 65840224 |
| 1-1/2"   | 44 | 57   | 25 | 58 | 65840116 | 2-13/16" | 54 | 98   | 42 | 83 | 65840226 |
| 1-9/16"  | 44 | 59   | 25 | 58 | 65840118 | 2-7/8"   | 54 | 100  | 42 | 83 | 65840228 |
| 1-5/8"   | 44 | 61   | 27 | 58 | 65840120 | 2-15/16" | 64 | 102  | 42 | 83 | 65840230 |
| 1-11/16" | 44 | 63.5 | 27 | 63 | 65840122 | 3"       | 64 | 104  | 45 | 85 | 65840300 |
| 1-3/4"   | 44 | 64.5 | 27 | 63 | 65840124 |          |    |      |    |    |          |
| 13mm     | 44 | 24.5 | 9  | 50 | 65845013 | 39mm     | 44 | 58   | 25 | 58 | 65845039 |
| 14mm     | 44 | 25.5 | 11 | 50 | 65845014 | 40mm     | 44 | 59   | 25 | 58 | 65845040 |
| 15mm     | 44 | 27   | 11 | 50 | 65845015 | 41mm     | 44 | 60   | 27 | 58 | 65845041 |
| 16mm     | 44 | 28   | 11 | 50 | 65845016 | 42mm     | 44 | 62   | 27 | 58 | 65845042 |
| 17mm     | 44 | 31   | 12 | 50 | 65845017 | 43mm     | 44 | 63.5 | 27 | 63 | 65845043 |
| 18mm     | 44 | 32   | 13 | 50 | 65845018 | 44mm     | 44 | 64.5 | 27 | 63 | 65845044 |
| 19mm     | 44 | 33   | 13 | 50 | 65845019 | 45mm     | 44 | 65.5 | 27 | 63 | 65845045 |
| 20mm     | 44 | 34   | 14 | 50 | 65845020 | 46mm     | 44 | 67   | 30 | 63 | 65845046 |
| 21mm     | 44 | 35   | 15 | 50 | 65845021 | 47mm     | 44 | 68   | 30 | 68 | 65845047 |
| 22mm     | 44 | 37   | 15 | 50 | 65845022 | 48mm     | 44 | 69   | 30 | 68 | 65845048 |
| 23mm     | 44 | 38   | 16 | 50 | 65845023 | 50mm     | 54 | 71   | 32 | 72 | 65845050 |
| 24mm     | 44 | 39   | 18 | 50 | 65845024 | 51mm     | 54 | 72   | 32 | 72 | 65845051 |
| 25mm     | 44 | 41   | 18 | 50 | 65845025 | 52mm     | 54 | 74   | 32 | 72 | 65845052 |
| 26mm     | 44 | 42   | 18 | 50 | 65845026 | 53mm     | 54 | 75   | 32 | 72 | 65845053 |
| 27mm     | 44 | 43   | 19 | 54 | 65845027 | 54mm     | 54 | 77   | 32 | 72 | 65845054 |
| 28mm     | 44 | 44   | 19 | 54 | 65845028 | 55mm     | 54 | 78   | 35 | 74 | 65845055 |
| 29mm     | 44 | 45   | 21 | 54 | 65845029 | 56mm     | 54 | 79   | 35 | 74 | 65845056 |
| 30mm     | 44 | 47   | 21 | 54 | 65845030 | 57mm     | 54 | 80   | 35 | 74 | 65845057 |
| 31mm     | 44 | 48   | 21 | 56 | 65845031 | 58mm     | 54 | 81   | 37 | 75 | 65845058 |
| 32mm     | 44 | 49   | 22 | 56 | 65845032 | 60mm     | 54 | 84   | 37 | 75 | 65845060 |
| 33mm     | 44 | 51   | 22 | 56 | 65845033 | 63mm     | 54 | 87   | 37 | 75 | 65845063 |
| 34mm     | 44 | 52   | 22 | 56 | 65845034 | 65mm     | 54 | 90   | 40 | 78 | 65845065 |
| 35mm     | 44 | 53   | 22 | 56 | 65845035 | 67mm     | 54 | 92   | 40 | 80 | 65845067 |
| 36mm     | 44 | 54   | 25 | 56 | 65845036 | 68mm     | 54 | 94   | 40 | 80 | 65845068 |
| 37mm     | 44 | 56   | 25 | 58 | 65845037 | 70mm     | 54 | 96   | 40 | 80 | 65845070 |
| 38mm     | 44 | 57   | 25 | 58 | 65845038 | 75mm     | 64 | 102  | 42 | 83 | 65845075 |



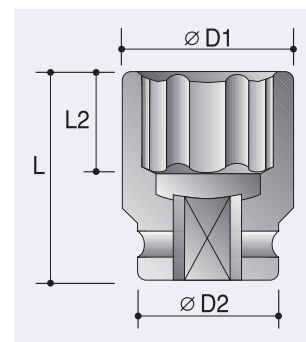
## 12-Point Sockets - Deep

### □ 3/4" Dr.,

|          | D2 | D1   | L2 | L  |          |          | D2 | D1   | L2 | L   |          |
|----------|----|------|----|----|----------|----------|----|------|----|-----|----------|
| size     | mm | mm   | mm | mm | No.      | size     | mm | mm   | mm | mm  |          |
| 1/2"     | 44 | 24.5 | 13 | 95 | 65842016 | 1-13/16" | 44 | 67   | 38 | 100 | 65842126 |
| 9/16"    | 44 | 25.5 | 14 | 95 | 65842018 | 1-7/8"   | 44 | 68   | 38 | 100 | 65842128 |
| 5/8"     | 44 | 28   | 16 | 95 | 65842020 | 1-15/16" | 44 | 70   | 38 | 100 | 65842130 |
| 11/16"   | 44 | 31.5 | 17 | 95 | 65842022 | 2"       | 54 | 72   | 40 | 100 | 65842200 |
| 3/4"     | 44 | 33   | 19 | 95 | 65842024 | 2-1/16"  | 54 | 74   | 40 | 100 | 65842202 |
| 13/16"   | 44 | 35   | 22 | 95 | 65842026 | 2-1/8"   | 54 | 77   | 40 | 100 | 65842204 |
| 7/8"     | 44 | 37   | 22 | 95 | 65842028 | 2-3/16"  | 54 | 78.5 | 40 | 105 | 65842206 |
| 15/16"   | 44 | 39   | 24 | 95 | 65842030 | 2-1/4"   | 54 | 80   | 40 | 105 | 65842208 |
| 1"       | 44 | 41   | 25 | 95 | 65842100 | 2-5/16"  | 54 | 82   | 40 | 105 | 65842210 |
| 1-1/16"  | 44 | 43   | 27 | 95 | 65842102 | 2-3/8"   | 54 | 84   | 42 | 105 | 65842212 |
| 1-1/8"   | 44 | 44.5 | 29 | 95 | 65842104 | 2-7/16"  | 54 | 86   | 42 | 105 | 65842214 |
| 1-3/16"  | 44 | 47   | 30 | 95 | 65842106 | 2-1/2"   | 54 | 88   | 42 | 105 | 65842216 |
| 1-1/4"   | 44 | 49   | 32 | 95 | 65842108 | 2-9/16"  | 54 | 90   | 66 | 105 | 65842218 |
| 1-5/16"  | 44 | 51   | 34 | 95 | 65842110 | 2-5/8"   | 54 | 92   | 66 | 105 | 65842220 |
| 1-3/8"   | 44 | 53   | 35 | 95 | 65842112 | 2-11/16" | 54 | 94   | 66 | 105 | 65842222 |
| 1-7/16"  | 44 | 55   | 37 | 95 | 65842114 | 2-3/4"   | 54 | 96   | 66 | 105 | 65842224 |
| 1-1/2"   | 44 | 57   | 38 | 95 | 65842116 | 2-13/16" | 54 | 98   | 68 | 108 | 65842226 |
| 1-9/16"  | 44 | 59   | 38 | 95 | 65842118 | 2-7/8"   | 54 | 100  | 68 | 108 | 65842228 |
| 1-5/8"   | 44 | 61   | 38 | 95 | 65842120 | 2-15/16" | 64 | 102  | 68 | 108 | 65842230 |
| 1-11/16" | 44 | 63.5 | 38 | 95 | 65842122 | 3"       | 64 | 104  | 70 | 110 | 65842300 |
| 1-3/4"   | 44 | 64.5 | 38 | 95 | 65842124 |          |    |      |    |     |          |
| 13mm     | 44 | 24.5 | 13 | 95 | 65847013 | 39mm     | 44 | 58   | 38 | 95  | 65847039 |
| 14mm     | 44 | 25.5 | 14 | 95 | 65847014 | 40mm     | 44 | 59   | 38 | 95  | 65847040 |
| 15mm     | 44 | 27   | 15 | 95 | 65847015 | 41mm     | 44 | 60   | 38 | 95  | 65847041 |
| 16mm     | 44 | 28   | 16 | 95 | 65847016 | 42mm     | 44 | 62   | 38 | 95  | 65847042 |
| 17mm     | 44 | 31   | 17 | 95 | 65847017 | 43mm     | 44 | 63.5 | 38 | 95  | 65847043 |
| 18mm     | 44 | 32   | 18 | 95 | 65847018 | 44mm     | 44 | 64.5 | 38 | 95  | 65847044 |
| 19mm     | 44 | 33   | 19 | 95 | 65847019 | 45mm     | 44 | 65.5 | 38 | 95  | 65847045 |
| 20mm     | 44 | 34   | 20 | 95 | 65847020 | 46mm     | 44 | 67   | 38 | 100 | 65847046 |
| 21mm     | 44 | 35   | 21 | 95 | 65847021 | 47mm     | 44 | 68   | 38 | 100 | 65847047 |
| 22mm     | 44 | 37   | 22 | 95 | 65847022 | 48mm     | 44 | 69   | 38 | 100 | 65847048 |
| 23mm     | 44 | 38   | 23 | 95 | 65847023 | 50mm     | 54 | 71   | 38 | 100 | 65847050 |
| 24mm     | 44 | 39   | 24 | 95 | 65847024 | 51mm     | 54 | 72   | 40 | 100 | 65847051 |
| 25mm     | 44 | 41   | 25 | 95 | 65847025 | 52mm     | 54 | 74   | 40 | 100 | 65847052 |
| 26mm     | 44 | 42   | 26 | 95 | 65847026 | 53mm     | 54 | 75   | 40 | 100 | 65847053 |
| 27mm     | 44 | 43   | 27 | 95 | 65847027 | 54mm     | 54 | 77   | 40 | 100 | 65847054 |
| 28mm     | 44 | 44   | 28 | 95 | 65847028 | 55mm     | 54 | 78   | 40 | 105 | 65847055 |
| 29mm     | 44 | 45   | 29 | 95 | 65847029 | 56mm     | 54 | 79   | 40 | 105 | 65847056 |
| 30mm     | 44 | 47   | 30 | 95 | 65847030 | 57mm     | 54 | 80   | 40 | 105 | 65847057 |
| 31mm     | 44 | 48   | 31 | 95 | 65847031 | 58mm     | 54 | 81   | 40 | 105 | 65847058 |
| 32mm     | 44 | 49   | 32 | 95 | 65847032 | 60mm     | 54 | 84   | 42 | 105 | 65847060 |
| 33mm     | 44 | 51   | 33 | 95 | 65847033 | 63mm     | 54 | 87   | 42 | 105 | 65847063 |
| 34mm     | 44 | 52   | 34 | 95 | 65847034 | 65mm     | 54 | 90   | 66 | 105 | 65847065 |
| 35mm     | 44 | 53   | 35 | 95 | 65847035 | 67mm     | 54 | 92   | 66 | 105 | 65847067 |
| 36mm     | 44 | 54   | 36 | 95 | 65847036 | 68mm     | 54 | 94   | 66 | 105 | 65847068 |
| 37mm     | 44 | 56   | 37 | 95 | 65847037 | 70mm     | 54 | 96   | 66 | 105 | 65847070 |
| 38mm     | 44 | 57   | 38 | 95 | 65847038 | 75mm     | 64 | 102  | 68 | 108 | 65847075 |



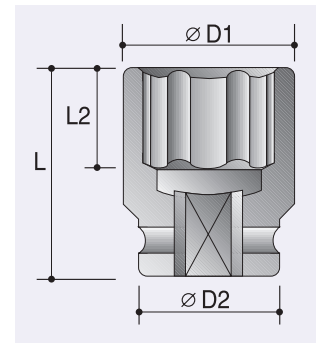
# Impact Sockets



## 12-Point Sockets - Semi Deep

### 3/4" Dr.,

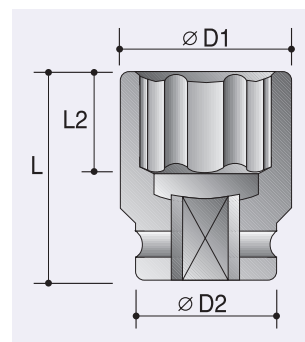
|         | D2 | D1   | L2 | L  |          |      | D2 | D1   | L2 | L  |          |
|---------|----|------|----|----|----------|------|----|------|----|----|----------|
| size    | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm |          |
| 9/16"   | 44 | 25.5 | 11 | 60 | 65843018 | 14mm | 44 | 25.5 | 11 | 60 | 65848014 |
| 5/8"    | 44 | 28   | 11 | 60 | 65843020 | 15mm | 44 | 27   | 11 | 60 | 65848015 |
| 11/16"  | 44 | 31.5 | 12 | 60 | 65843022 | 16mm | 44 | 28   | 11 | 60 | 65848016 |
| 3/4"    | 44 | 33   | 13 | 60 | 65843024 | 17mm | 44 | 31   | 12 | 60 | 65848017 |
| 13/16"  | 44 | 35   | 15 | 60 | 65843026 | 18mm | 44 | 32   | 13 | 60 | 65848018 |
| 7/8"    | 44 | 37   | 15 | 60 | 65843028 | 19mm | 44 | 33   | 13 | 60 | 65848019 |
| 15/16"  | 44 | 39   | 16 | 60 | 65843030 | 20mm | 44 | 34   | 14 | 60 | 65848020 |
| 1"      | 44 | 41   | 16 | 60 | 65843100 | 21mm | 44 | 35   | 15 | 60 | 65848021 |
| 1-1/16" | 44 | 43   | 19 | 60 | 65843102 | 22mm | 44 | 37   | 15 | 60 | 65848022 |
| 1-1/8"  | 44 | 44.5 | 21 | 60 | 65843104 | 23mm | 44 | 38   | 16 | 60 | 65848023 |
| 1-3/16" | 44 | 47   | 21 | 60 | 65843106 | 24mm | 44 | 39   | 16 | 60 | 65848024 |
| 1-1/4"  | 44 | 49   | 22 | 60 | 65843108 | 25mm | 44 | 41   | 16 | 60 | 65848025 |
|         |    |      |    |    |          | 26mm | 44 | 42   | 16 | 60 | 65848026 |
|         |    |      |    |    |          | 27mm | 44 | 43   | 19 | 60 | 65848027 |
|         |    |      |    |    |          | 28mm | 44 | 44   | 19 | 60 | 65848028 |
|         |    |      |    |    |          | 29mm | 44 | 45   | 21 | 60 | 65848029 |
|         |    |      |    |    |          | 30mm | 44 | 47   | 21 | 60 | 65848030 |
|         |    |      |    |    |          | 31mm | 44 | 48   | 21 | 60 | 65848031 |
|         |    |      |    |    |          | 32mm | 44 | 49   | 22 | 60 | 65848032 |



## 12-Point Sockets

| 1" Dr.,  |    |      |    |    |          |          |    |      |    |     |          |
|----------|----|------|----|----|----------|----------|----|------|----|-----|----------|
|          | D2 | D1   | L2 | L  |          |          | D2 | D1   | L2 | L   |          |
| size     | mm | mm   | mm | mm | No.      | size     | mm | mm   | mm | mm  | No.      |
| 5/8"     | 54 | 32   | 11 | 60 | 65850020 | 2-3/16"  | 62 | 81.5 | 35 | 84  | 65850206 |
| 11/16"   | 54 | 34   | 12 | 60 | 65850022 | 2-1/4"   | 62 | 84   | 40 | 84  | 65850208 |
| 3/4"     | 54 | 36   | 13 | 60 | 65850024 | 2-5/16"  | 62 | 86   | 40 | 87  | 65850210 |
| 13/16"   | 54 | 38   | 15 | 60 | 65850026 | 2-3/8"   | 62 | 87   | 42 | 87  | 65850212 |
| 7/8"     | 54 | 39   | 15 | 60 | 65850028 | 2-7/16"  | 62 | 89   | 42 | 87  | 65850214 |
| 15/16"   | 54 | 42   | 18 | 60 | 65850030 | 2-1/2"   | 62 | 91   | 42 | 87  | 65850216 |
| 1"       | 54 | 44   | 18 | 60 | 65850100 | 2-9/16"  | 62 | 93   | 42 | 90  | 65850218 |
| 1-1/16"  | 54 | 46   | 19 | 60 | 65850102 | 2-5/8"   | 62 | 95   | 42 | 92  | 65850220 |
| 1-1/8"   | 54 | 48   | 19 | 62 | 65850104 | 2-11/16" | 62 | 97   | 42 | 92  | 65850222 |
| 1-3/16"  | 54 | 50   | 21 | 62 | 65850106 | 2-3/4"   | 62 | 100  | 42 | 96  | 65850224 |
| 1-1/4"   | 54 | 52   | 22 | 62 | 65850108 | 2-13/16" | 62 | 102  | 45 | 96  | 65850226 |
| 1-5/16"  | 54 | 54   | 22 | 62 | 65850110 | 2-7/8"   | 86 | 104  | 45 | 96  | 65850228 |
| 1-3/8"   | 54 | 56   | 22 | 65 | 65850112 | 2-15/16" | 86 | 105  | 45 | 98  | 65850230 |
| 1-7/16"  | 54 | 58   | 25 | 67 | 65850114 | 3"       | 86 | 107  | 48 | 100 | 65850300 |
| 1-1/2"   | 54 | 60   | 25 | 67 | 65850116 | 3-1/8"   | 86 | 111  | 48 | 100 | 65850304 |
| 1-9/16"  | 54 | 62   | 25 | 70 | 65850118 | 3-1/4"   | 86 | 115  | 48 | 100 | 65850308 |
| 1-5/8"   | 54 | 63.5 | 27 | 70 | 65850120 | 3-3/8"   | 86 | 119  | 52 | 105 | 65850312 |
| 1-11/16" | 54 | 66   | 27 | 74 | 65850122 | 3-1/2"   | 86 | 124  | 52 | 105 | 65850316 |
| 1-3/4"   | 54 | 67.5 | 27 | 74 | 65850124 | 3-5/8"   | 86 | 127  | 52 | 105 | 65850320 |
| 1-13/16" | 58 | 70   | 30 | 76 | 65850126 | 3-3/4"   | 86 | 131  | 52 | 115 | 65850324 |
| 1-7/8"   | 58 | 72   | 32 | 76 | 65850128 | 3-7/8"   | 86 | 135  | 58 | 115 | 65850328 |
| 1-15/16" | 58 | 74   | 32 | 80 | 65850130 | 4"       | 86 | 139  | 58 | 115 | 65850400 |
| 2"       | 62 | 76   | 35 | 80 | 65850200 | 4-1/8"   | 95 | 143  | 60 | 115 | 65850404 |
| 2-1/16"  | 62 | 77.5 | 35 | 84 | 65850202 | 4-1/4"   | 95 | 147  | 60 | 115 | 65850408 |
| 2-1/8"   | 62 | 80   | 35 | 84 | 65850204 | 4-1/2"   | 95 | 154  | 62 | 115 | 65850416 |

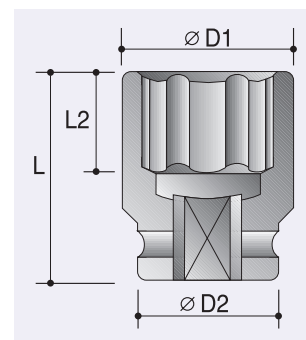
# Impact Sockets



## 12-Point Sockets

### 1" Dr.,

| size | D2 | D1   | L2 | L  | No.      | size  | D2 | D1   | L2 | L   | No.      |
|------|----|------|----|----|----------|-------|----|------|----|-----|----------|
| mm   | mm | mm   | mm | mm |          | mm    | mm | mm   | mm | mm  |          |
| 16mm | 54 | 32   | 11 | 60 | 65855016 | 46mm  | 58 | 70   | 30 | 76  | 65855046 |
| 17mm | 54 | 34   | 12 | 60 | 65855017 | 47mm  | 58 | 71.5 | 32 | 76  | 65855047 |
| 18mm | 54 | 35   | 13 | 60 | 65855018 | 48mm  | 58 | 72.5 | 32 | 76  | 65855048 |
| 19mm | 54 | 36   | 13 | 60 | 65855019 | 50mm  | 62 | 75   | 35 | 80  | 65855050 |
| 20mm | 54 | 37   | 14 | 60 | 65855020 | 51mm  | 62 | 76   | 35 | 80  | 65855051 |
| 21mm | 54 | 38   | 15 | 60 | 65855021 | 52mm  | 62 | 77   | 35 | 84  | 65855052 |
| 22mm | 54 | 40   | 15 | 60 | 65855022 | 53mm  | 62 | 78   | 35 | 84  | 65855053 |
| 23mm | 54 | 41   | 16 | 60 | 65855023 | 54mm  | 62 | 80   | 35 | 84  | 65855054 |
| 24mm | 54 | 42   | 18 | 60 | 65855024 | 55mm  | 62 | 81   | 35 | 84  | 65855055 |
| 25mm | 54 | 43   | 18 | 60 | 65855025 | 56mm  | 62 | 82   | 40 | 84  | 65855056 |
| 26mm | 54 | 44.5 | 18 | 60 | 65855026 | 57mm  | 62 | 84   | 40 | 84  | 65855057 |
| 27mm | 54 | 46   | 19 | 60 | 65855027 | 58mm  | 62 | 85   | 40 | 87  | 65855058 |
| 28mm | 54 | 47   | 19 | 62 | 65855028 | 60mm  | 62 | 87   | 42 | 87  | 65855060 |
| 29mm | 54 | 48   | 19 | 62 | 65855029 | 62mm  | 62 | 89   | 42 | 87  | 65855062 |
| 30mm | 54 | 50   | 21 | 62 | 65855030 | 63mm  | 62 | 90   | 42 | 87  | 65855063 |
| 31mm | 54 | 51   | 21 | 62 | 65855031 | 65mm  | 62 | 93   | 42 | 90  | 65855065 |
| 32mm | 54 | 52   | 22 | 62 | 65855032 | 67mm  | 62 | 96   | 42 | 92  | 65855067 |
| 33mm | 54 | 53   | 22 | 62 | 65855033 | 70mm  | 62 | 100  | 42 | 96  | 65855070 |
| 34mm | 54 | 55   | 22 | 62 | 65855034 | 75mm  | 86 | 106  | 45 | 98  | 65855075 |
| 35mm | 54 | 56   | 22 | 65 | 65855035 | 76mm  | 86 | 107  | 48 | 100 | 65855076 |
| 36mm | 54 | 57   | 25 | 67 | 65855036 | 77mm  | 86 | 109  | 48 | 100 | 65855077 |
| 37mm | 54 | 59   | 25 | 67 | 65855037 | 78mm  | 86 | 110  | 48 | 100 | 65855078 |
| 38mm | 54 | 60   | 25 | 67 | 65855038 | 80mm  | 86 | 112  | 48 | 100 | 65855080 |
| 39mm | 54 | 61   | 25 | 70 | 65855039 | 85mm  | 86 | 118  | 52 | 105 | 65855085 |
| 40mm | 54 | 62   | 25 | 70 | 65855040 | 90mm  | 86 | 125  | 52 | 105 | 65855090 |
| 41mm | 54 | 63   | 27 | 70 | 65855041 | 95mm  | 86 | 131  | 52 | 115 | 65855095 |
| 42mm | 54 | 65   | 27 | 74 | 65855042 | 100mm | 86 | 137  | 58 | 115 | 65855100 |
| 43mm | 54 | 66   | 27 | 74 | 65855043 | 105mm | 95 | 143  | 58 | 115 | 65855105 |
| 44mm | 54 | 67   | 27 | 74 | 65855044 | 110mm | 95 | 149  | 60 | 115 | 65855110 |
| 45mm | 54 | 68   | 27 | 74 | 65855045 | 115mm | 95 | 155  | 62 | 115 | 65855115 |

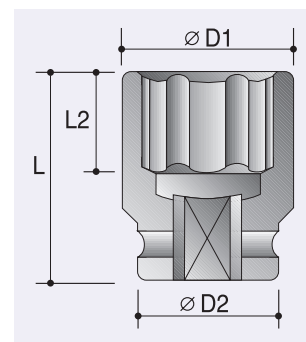


## 12-Point Sockets - Deep

### 1" Dr.,

|          | D2 | D1   | L2 | L   |          |          | D2 | D1   | L2 | L   |          |
|----------|----|------|----|-----|----------|----------|----|------|----|-----|----------|
| size     | mm | mm   | mm | mm  | No.      | size     | mm | mm   | mm | mm  |          |
| 5/8"     | 54 | 32   | 16 | 100 | 65852020 | 2-3/16"  | 62 | 81.5 | 40 | 100 | 65852206 |
| 11/16"   | 54 | 34   | 17 | 100 | 65852022 | 2-1/4"   | 62 | 84   | 40 | 105 | 65852208 |
| 3/4"     | 54 | 36   | 19 | 100 | 65852024 | 2-5/16"  | 62 | 86   | 40 | 105 | 65852210 |
| 13/16"   | 54 | 38   | 22 | 100 | 65852026 | 2-3/8"   | 62 | 87   | 42 | 120 | 65852212 |
| 7/8"     | 54 | 39   | 22 | 100 | 65852028 | 2-7/16"  | 62 | 89   | 42 | 120 | 65852214 |
| 15/16"   | 54 | 42   | 24 | 100 | 65852030 | 2-1/2"   | 62 | 91   | 42 | 120 | 65852216 |
| 1"       | 54 | 44   | 25 | 100 | 65852100 | 2-9/16"  | 62 | 93   | 42 | 125 | 65852218 |
| 1-1/16"  | 54 | 46   | 27 | 100 | 65852102 | 2-5/8"   | 62 | 95   | 42 | 125 | 65852220 |
| 1-1/8"   | 54 | 48   | 29 | 100 | 65852104 | 2-11/16" | 62 | 97   | 42 | 125 | 65852222 |
| 1-3/16"  | 54 | 50   | 30 | 100 | 65852106 | 2-3/4"   | 62 | 100  | 42 | 125 | 65852224 |
| 1-1/4"   | 54 | 52   | 32 | 100 | 65852108 | 2-13/16" | 62 | 102  | 45 | 125 | 65852226 |
| 1-5/16"  | 54 | 54   | 34 | 100 | 65852110 | 2-7/8"   | 86 | 104  | 45 | 125 | 65852228 |
| 1-3/8"   | 54 | 56   | 35 | 100 | 65852112 | 2-15/16" | 86 | 105  | 45 | 135 | 65852230 |
| 1-7/16"  | 54 | 58   | 37 | 100 | 65852114 | 3"       | 86 | 107  | 48 | 135 | 65852300 |
| 1-1/2"   | 54 | 60   | 38 | 100 | 65852116 | 3-1/8"   | 86 | 111  | 48 | 135 | 65852304 |
| 1-9/16"  | 54 | 62   | 38 | 100 | 65852118 | 3-1/4"   | 86 | 115  | 48 | 135 | 65852308 |
| 1-5/8"   | 54 | 63.5 | 38 | 100 | 65852120 | 3-3/8"   | 86 | 119  | 52 | 140 | 65852312 |
| 1-11/16" | 54 | 66   | 38 | 100 | 65852122 | 3-1/2"   | 86 | 124  | 52 | 140 | 65852316 |
| 1-3/4"   | 54 | 67.5 | 38 | 100 | 65852124 | 3-5/8"   | 86 | 127  | 52 | 140 | 65852320 |
| 1-13/16" | 62 | 70   | 38 | 100 | 65852126 | 3-3/4"   | 86 | 131  | 52 | 140 | 65852324 |
| 1-7/8"   | 62 | 72   | 38 | 100 | 65852128 | 3-7/8"   | 86 | 135  | 58 | 140 | 65852328 |
| 1-15/16" | 62 | 74   | 38 | 100 | 65852130 | 4"       | 86 | 139  | 58 | 155 | 65852400 |
| 2"       | 62 | 76   | 40 | 100 | 65852200 | 4-1/8"   | 95 | 143  | 58 | 155 | 65852404 |
| 2-1/16"  | 62 | 77.5 | 40 | 100 | 65852202 | 4-1/4"   | 95 | 147  | 60 | 155 | 65852408 |
| 2-1/8"   | 62 | 80   | 40 | 100 | 65852204 | 4-1/2"   | 95 | 154  | 62 | 155 | 65852416 |

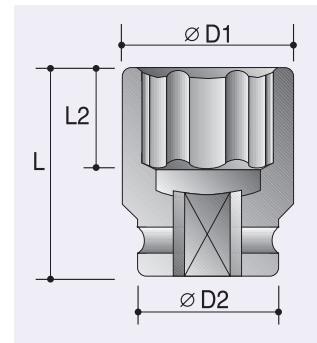
# Impact Sockets



## 12-Point Sockets - Deep

### 1" Dr.,

|      | D2 | D1   | L2 | L   |          |       | D2 | D1   | L2 | Std. L |          |
|------|----|------|----|-----|----------|-------|----|------|----|--------|----------|
| size | mm | mm   | mm | mm  | No.      | size  | mm | mm   | mm | mm     | No.      |
| 16mm | 54 | 32   | 16 | 100 | 65857016 | 46mm  | 58 | 70   | 38 | 100    | 65857046 |
| 17mm | 54 | 34   | 17 | 100 | 65857017 | 47mm  | 58 | 71.5 | 38 | 100    | 65857047 |
| 18mm | 54 | 35   | 18 | 100 | 65857018 | 48mm  | 58 | 72.5 | 38 | 100    | 65857048 |
| 19mm | 54 | 36   | 19 | 100 | 65857019 | 50mm  | 62 | 75   | 38 | 100    | 65857050 |
| 20mm | 54 | 37   | 20 | 100 | 65857020 | 51mm  | 62 | 76   | 40 | 100    | 65857051 |
| 21mm | 54 | 38   | 21 | 100 | 65857021 | 52mm  | 62 | 77   | 40 | 100    | 65857052 |
| 22mm | 54 | 40   | 22 | 100 | 65857022 | 53mm  | 62 | 78   | 40 | 100    | 65857053 |
| 23mm | 54 | 41   | 23 | 100 | 65857023 | 54mm  | 62 | 80   | 40 | 100    | 65857054 |
| 24mm | 54 | 42   | 24 | 100 | 65857024 | 55mm  | 62 | 81   | 40 | 100    | 65857055 |
| 25mm | 54 | 43   | 25 | 100 | 65857025 | 56mm  | 62 | 82   | 40 | 105    | 65857056 |
| 26mm | 54 | 44.5 | 26 | 100 | 65857026 | 57mm  | 62 | 84   | 40 | 105    | 65857057 |
| 27mm | 54 | 46   | 27 | 100 | 65857027 | 58mm  | 62 | 85   | 40 | 105    | 65857058 |
| 28mm | 54 | 47   | 28 | 100 | 65857028 | 60mm  | 62 | 87   | 42 | 120    | 65857060 |
| 29mm | 54 | 48   | 29 | 100 | 65857029 | 62mm  | 62 | 89   | 42 | 120    | 65857062 |
| 30mm | 54 | 50   | 30 | 100 | 65857030 | 63mm  | 62 | 90   | 42 | 120    | 65857063 |
| 31mm | 54 | 51   | 31 | 100 | 65857031 | 65mm  | 62 | 93   | 42 | 125    | 65857065 |
| 32mm | 54 | 52   | 32 | 100 | 65857032 | 67mm  | 62 | 96   | 42 | 125    | 65857067 |
| 33mm | 54 | 53   | 33 | 100 | 65857033 | 70mm  | 62 | 100  | 42 | 125    | 65857070 |
| 34mm | 54 | 55   | 34 | 100 | 65857034 | 75mm  | 86 | 106  | 45 | 135    | 65857075 |
| 35mm | 54 | 56   | 35 | 100 | 65857035 | 76mm  | 86 | 107  | 48 | 135    | 65857076 |
| 36mm | 54 | 57   | 36 | 100 | 65857036 | 77mm  | 86 | 109  | 48 | 135    | 65857077 |
| 37mm | 54 | 59   | 37 | 100 | 65857037 | 78mm  | 86 | 110  | 48 | 135    | 65857078 |
| 38mm | 54 | 60   | 38 | 100 | 65857038 | 80mm  | 86 | 112  | 48 | 135    | 65857080 |
| 39mm | 54 | 61   | 38 | 100 | 65857039 | 85mm  | 86 | 118  | 52 | 140    | 65857085 |
| 40mm | 54 | 62   | 38 | 100 | 65857040 | 90mm  | 86 | 125  | 52 | 140    | 65857090 |
| 41mm | 54 | 63   | 38 | 100 | 65857041 | 95mm  | 86 | 131  | 52 | 140    | 65857095 |
| 42mm | 54 | 65   | 38 | 100 | 65857042 | 100mm | 86 | 137  | 58 | 140    | 65857100 |
| 43mm | 54 | 66   | 38 | 100 | 65857043 | 105mm | 95 | 143  | 58 | 155    | 65857105 |
| 44mm | 54 | 67   | 38 | 100 | 65857044 | 110mm | 95 | 149  | 60 | 155    | 65857110 |
| 45mm | 54 | 68   | 38 | 100 | 65857045 | 115mm | 95 | 155  | 62 | 155    | 65857115 |

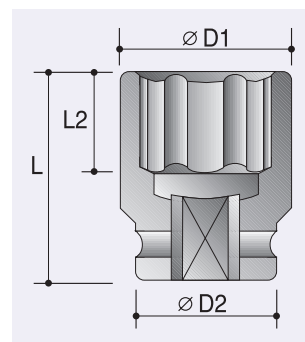


## 12-Point Sockets

### 1-1/2" Dr.,

|          | D2 | D1  | L2 | L   |          |          | D2  | D1  | L2 | L   |          |
|----------|----|-----|----|-----|----------|----------|-----|-----|----|-----|----------|
| size     | mm | mm  | mm | mm  | No.      | size     | mm  | mm  | mm | mm  | No.      |
| 1-3/16"  | 86 | 56  | 21 | 78  | 65861106 | 3-1/4"   | 86  | 122 | 53 | 115 | 65860308 |
| 1-1/4"   | 86 | 58  | 22 | 78  | 65861108 | 3-5/16"  | 86  | 124 | 56 | 118 | 65860310 |
| 1-5/16"  | 86 | 60  | 22 | 78  | 65861110 | 3-3/8"   | 86  | 126 | 56 | 118 | 65860312 |
| 1-3/8"   | 86 | 64  | 22 | 78  | 65861112 | 3-7/16"  | 86  | 128 | 56 | 118 | 65860314 |
| 1-7/16"  | 86 | 64  | 24 | 78  | 65861114 | 3-1/2"   | 86  | 129 | 59 | 123 | 65860316 |
| 1-1/2"   | 86 | 66  | 26 | 80  | 65861116 | 3-9/16"  | 86  | 131 | 59 | 123 | 65860318 |
| 1-9/16"  | 86 | 68  | 28 | 80  | 65861118 | 3-5/8"   | 86  | 133 | 59 | 123 | 65860320 |
| 1-5/8"   | 86 | 70  | 28 | 80  | 65861120 | 3-11/16" | 86  | 135 | 61 | 123 | 65860322 |
| 1-11/16" | 86 | 73  | 28 | 82  | 65861122 | 3-3/4"   | 95  | 137 | 61 | 123 | 65860324 |
| 1-3/4"   | 86 | 75  | 30 | 84  | 65861124 | 3-13/16" | 95  | 137 | 65 | 130 | 65860326 |
| 1-13/16" | 86 | 76  | 30 | 84  | 65861126 | 3-7/8"   | 95  | 144 | 65 | 130 | 65860328 |
| 1-7/8"   | 86 | 78  | 32 | 87  | 65861128 | 3-15/16" | 95  | 144 | 65 | 130 | 65860330 |
| 1-15/16" | 86 | 80  | 32 | 87  | 65861130 | 4"       | 95  | 147 | 65 | 130 | 65860400 |
| 2"       | 86 | 82  | 32 | 87  | 65861200 | 4-1/16"  | 95  | 147 | 68 | 130 | 65860402 |
| 2-1/16"  | 86 | 83  | 34 | 87  | 65861202 | 4-1/8"   | 95  | 154 | 68 | 130 | 65860404 |
| 2-1/8"   | 86 | 86  | 37 | 90  | 65860204 | 4-3/16"  | 95  | 154 | 68 | 130 | 65860406 |
| 2-3/16"  | 86 | 88  | 37 | 90  | 65860206 | 4-1/4"   | 95  | 154 | 72 | 135 | 65860408 |
| 2-1/4"   | 86 | 90  | 39 | 95  | 65860208 | 4-5/16"  | 95  | 157 | 72 | 135 | 65860410 |
| 2-5/16"  | 86 | 93  | 39 | 95  | 65860210 | 4-3/8"   | 95  | 157 | 72 | 135 | 65860412 |
| 2-3/8"   | 86 | 94  | 39 | 95  | 65860212 | 4-7/16"  | 95  | 157 | 72 | 135 | 65860414 |
| 2-7/16"  | 86 | 96  | 42 | 100 | 65860214 | 4-1/2"   | 95  | 164 | 77 | 140 | 65860416 |
| 2-1/2"   | 86 | 98  | 42 | 100 | 65860216 | 4-5/8"   | 95  | 164 | 77 | 140 | 65860420 |
| 2-9/16"  | 86 | 100 | 42 | 100 | 65860218 | 4-3/4"   | 95  | 167 | 77 | 140 | 65860424 |
| 2-5/8"   | 86 | 102 | 46 | 105 | 65860220 | 4-7/8"   | 127 | 174 | 77 | 140 | 65860428 |
| 2-11/16" | 86 | 104 | 46 | 105 | 65860222 | 5"       | 127 | 177 | 80 | 145 | 65860500 |
| 2-3/4"   | 86 | 106 | 46 | 105 | 65860224 | 5-1/8"   | 127 | 184 | 80 | 145 | 65860504 |
| 2-13/16" | 86 | 108 | 49 | 108 | 65860226 | 5-1/4"   | 127 | 187 | 85 | 150 | 65860508 |
| 2-7/8"   | 86 | 110 | 49 | 108 | 65860228 | 5-3/8"   | 127 | 194 | 85 | 150 | 65860512 |
| 2-15/16" | 86 | 112 | 49 | 108 | 65860230 | 5-1/2"   | 127 | 197 | 90 | 160 | 65860516 |
| 3"       | 86 | 113 | 49 | 108 | 65860300 | 5-3/4"   | 127 | 204 | 90 | 160 | 65860524 |
| 3-1/16"  | 86 | 115 | 53 | 115 | 65860302 | 6"       | 127 | 214 | 90 | 165 | 65860600 |
| 3-1/8"   | 86 | 118 | 53 | 115 | 65860304 | 6-1/8"   | 127 | 214 | 90 | 165 | 65860604 |
| 3-3/16"  | 86 | 120 | 53 | 115 | 65860306 | 6-1/2"   | 127 | 227 | 95 | 175 | 65860616 |

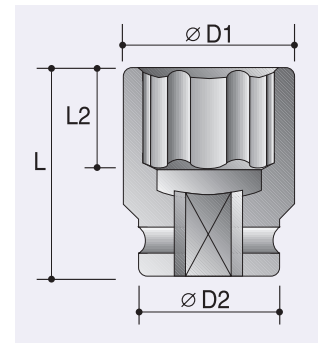
# Impact Sockets



## 12-Point Sockets

### 1-1/2" Dr.,

| size | D2 | D1  | L2 | L   | No.      | size  | D2  | D1  | L2  | L   | No.      |
|------|----|-----|----|-----|----------|-------|-----|-----|-----|-----|----------|
| mm   | mm | mm  | mm | mm  |          | mm    | mm  | mm  | mm  | mm  |          |
| 30mm | 86 | 56  | 21 | 78  | 65866030 | 68mm  | 86  | 104 | 46  | 105 | 65865068 |
| 32mm | 86 | 58  | 22 | 78  | 65866032 | 70mm  | 86  | 106 | 46  | 105 | 65865070 |
| 33mm | 86 | 60  | 22 | 78  | 65866033 | 72mm  | 86  | 108 | 49  | 108 | 65865072 |
| 34mm | 86 | 61  | 22 | 78  | 65866034 | 73mm  | 86  | 110 | 49  | 108 | 65865073 |
| 35mm | 86 | 64  | 22 | 78  | 65866035 | 75mm  | 86  | 112 | 49  | 108 | 65865075 |
| 36mm | 86 | 64  | 24 | 78  | 65866036 | 76mm  | 86  | 113 | 49  | 108 | 65865076 |
| 37mm | 86 | 65  | 24 | 78  | 65866037 | 77mm  | 86  | 114 | 49  | 108 | 65865077 |
| 38mm | 86 | 66  | 26 | 80  | 65866038 | 78mm  | 86  | 115 | 53  | 115 | 65865078 |
| 40mm | 86 | 68  | 28 | 80  | 65866040 | 80mm  | 86  | 119 | 53  | 115 | 65865080 |
| 41mm | 86 | 70  | 28 | 80  | 65866041 | 85mm  | 86  | 125 | 56  | 118 | 65865085 |
| 42mm | 86 | 71  | 28 | 82  | 65866042 | 88mm  | 86  | 128 | 56  | 118 | 65865088 |
| 43mm | 86 | 73  | 28 | 82  | 65866043 | 90mm  | 86  | 131 | 59  | 123 | 65865090 |
| 45mm | 86 | 75  | 30 | 84  | 65866045 | 95mm  | 95  | 137 | 61  | 123 | 65865095 |
| 46mm | 86 | 76  | 30 | 84  | 65866046 | 100mm | 95  | 144 | 65  | 130 | 65865100 |
| 47mm | 86 | 77  | 32 | 87  | 65866047 | 105mm | 95  | 154 | 68  | 130 | 65865105 |
| 48mm | 86 | 79  | 32 | 87  | 65866048 | 110mm | 95  | 157 | 72  | 135 | 65865110 |
| 49mm | 86 | 80  | 32 | 87  | 65866049 | 115mm | 95  | 164 | 77  | 140 | 65865115 |
| 50mm | 86 | 81  | 32 | 87  | 65866050 | 120mm | 95  | 167 | 77  | 140 | 65865120 |
| 52mm | 86 | 83  | 34 | 87  | 65866052 | 125mm | 127 | 174 | 77  | 140 | 65865125 |
| 54mm | 86 | 86  | 37 | 90  | 65865054 | 130mm | 127 | 184 | 80  | 145 | 65865130 |
| 55mm | 86 | 87  | 37 | 90  | 65865055 | 135mm | 127 | 194 | 85  | 150 | 65865135 |
| 56mm | 86 | 88  | 37 | 92  | 65865056 | 140mm | 127 | 197 | 90  | 160 | 65865140 |
| 57mm | 86 | 90  | 39 | 95  | 65865057 | 145mm | 127 | 204 | 90  | 160 | 65865145 |
| 58mm | 86 | 92  | 39 | 95  | 65865058 | 150mm | 127 | 207 | 90  | 165 | 65865150 |
| 59mm | 86 | 93  | 39 | 95  | 65865059 | 155mm | 127 | 214 | 90  | 165 | 65865155 |
| 60mm | 86 | 94  | 39 | 95  | 65865060 | 160mm | 127 | 224 | 90  | 170 | 65865160 |
| 61mm | 86 | 95  | 42 | 100 | 65865061 | 165mm | 127 | 227 | 95  | 175 | 65865165 |
| 62mm | 86 | 96  | 42 | 100 | 65865062 | 170mm | 127 | 234 | 95  | 180 | 65865170 |
| 63mm | 86 | 97  | 42 | 100 | 65865063 | 175mm | 127 | 244 | 100 | 185 | 65865175 |
| 65mm | 86 | 100 | 42 | 100 | 65865065 |       |     |     |     |     |          |

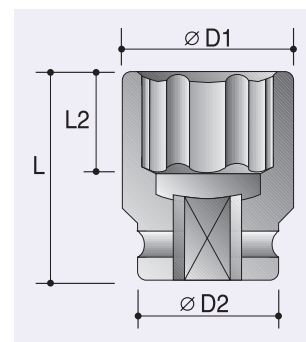


## 12-Point Sockets - Deep

### 1-1/2" Dr.,

| size     | D2 | D1  | L2 | L   | No.      | size     | D2 | D1  | L2 | L   | No.      |
|----------|----|-----|----|-----|----------|----------|----|-----|----|-----|----------|
| mm       | mm | mm  | mm | mm  |          | mm       | mm | mm  | mm | mm  |          |
| 1-3/16"  | 86 | 56  | 21 | 115 | 65862106 | 2-15/16" | 86 | 112 | 49 | 170 | 65862230 |
| 1-1/4"   | 86 | 58  | 22 | 115 | 65862108 | 3"       | 86 | 113 | 49 | 170 | 65862300 |
| 1-5/16"  | 86 | 60  | 22 | 115 | 65862110 | 3-1/16"  | 86 | 115 | 53 | 170 | 65862302 |
| 1-3/8"   | 86 | 64  | 22 | 115 | 65862112 | 3-1/8"   | 86 | 118 | 53 | 170 | 65862304 |
| 1-7/16"  | 86 | 64  | 24 | 115 | 65862114 | 3-3/16"  | 86 | 120 | 53 | 170 | 65862306 |
| 1-1/2"   | 86 | 66  | 26 | 115 | 65862116 | 3-1/4"   | 86 | 122 | 53 | 170 | 65862308 |
| 1-9/16"  | 86 | 68  | 28 | 115 | 65862118 | 3-5/16"  | 86 | 124 | 56 | 170 | 65862310 |
| 1-5/8"   | 86 | 70  | 28 | 115 | 65862120 | 3-3/8"   | 86 | 126 | 56 | 170 | 65862312 |
| 1-11/16" | 86 | 73  | 28 | 115 | 65862122 | 3-7/16"  | 86 | 128 | 56 | 170 | 65862314 |
| 1-3/4"   | 86 | 75  | 30 | 115 | 65862124 | 3-1/2"   | 86 | 129 | 59 | 170 | 65862316 |
| 1-13/16" | 86 | 76  | 30 | 115 | 65862126 | 3-9/16"  | 86 | 131 | 59 | 170 | 65862318 |
| 1-7/8"   | 86 | 78  | 32 | 115 | 65862128 | 3-5/8"   | 86 | 133 | 59 | 170 | 65862320 |
| 1-15/16" | 86 | 80  | 32 | 115 | 65862130 | 3-11/16" | 86 | 135 | 61 | 170 | 65862322 |
| 2"       | 86 | 82  | 34 | 135 | 65862200 | 3-3/4"   | 95 | 137 | 61 | 180 | 65862324 |
| 2-1/16"  | 86 | 83  | 34 | 140 | 65862202 | 3-13/16" | 95 | 137 | 65 | 180 | 65862326 |
| 2-1/8"   | 86 | 86  | 37 | 140 | 65862204 | 3-7/8"   | 95 | 144 | 65 | 180 | 65862328 |
| 2-3/16"  | 86 | 88  | 37 | 140 | 65862206 | 3-15/16" | 95 | 144 | 65 | 190 | 65862330 |
| 2-1/4"   | 86 | 90  | 39 | 150 | 65862208 | 4"       | 95 | 147 | 65 | 190 | 65862400 |
| 2-5/16"  | 86 | 93  | 39 | 150 | 65862210 | 4-1/16"  | 95 | 147 | 68 | 190 | 65862402 |
| 2-3/8"   | 86 | 94  | 39 | 150 | 65862212 | 4-1/8"   | 95 | 154 | 68 | 190 | 65862404 |
| 2-7/16"  | 86 | 96  | 42 | 150 | 65862214 | 4-3/16"  | 95 | 154 | 68 | 190 | 65862406 |
| 2-1/2"   | 86 | 98  | 42 | 150 | 65862216 | 4-1/4"   | 95 | 154 | 72 | 190 | 65862408 |
| 2-9/16"  | 86 | 100 | 42 | 150 | 65862218 | 4-5/16"  | 95 | 157 | 72 | 200 | 65862410 |
| 2-5/8"   | 86 | 102 | 46 | 150 | 65862220 | 4-3/8"   | 95 | 157 | 72 | 200 | 65862412 |
| 2-11/16" | 86 | 104 | 46 | 150 | 65862222 | 4-7/16"  | 95 | 157 | 72 | 200 | 65862414 |
| 2-3/4"   | 86 | 106 | 46 | 160 | 65862224 | 4-1/2"   | 95 | 164 | 77 | 210 | 65862416 |
| 2-13/16" | 86 | 108 | 49 | 160 | 65862226 | 4-5/8"   | 95 | 164 | 77 | 210 | 65862420 |
| 2-7/8"   | 86 | 110 | 49 | 160 | 65862228 | 4-3/4"   | 95 | 167 | 77 | 210 | 65862424 |

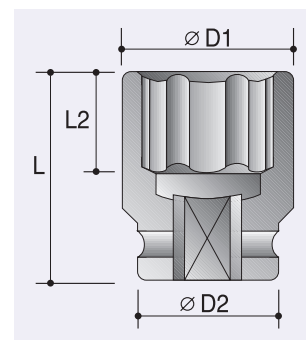
# Impact Sockets



## 12-Point Sockets - Deep

### 1-1/2" Dr.,

|      | D2 | D1 | L2 | L   |          |       | D2  | D1  | L2 | L   |          |
|------|----|----|----|-----|----------|-------|-----|-----|----|-----|----------|
| size | mm | mm | mm | mm  | No.      | size  | mm  | mm  | mm | mm  | No.      |
| 30mm | 86 | 56 | 21 | 115 | 65867030 | 61mm  | 86  | 95  | 42 | 150 | 65867061 |
| 32mm | 86 | 58 | 22 | 115 | 65867032 | 62mm  | 86  | 96  | 42 | 150 | 65867062 |
| 33mm | 86 | 60 | 22 | 115 | 65867033 | 63mm  | 86  | 97  | 42 | 150 | 65867063 |
| 34mm | 86 | 61 | 22 | 115 | 65867034 | 65mm  | 86  | 100 | 42 | 150 | 65867065 |
| 35mm | 86 | 64 | 22 | 115 | 65867035 | 68mm  | 86  | 104 | 46 | 150 | 65867068 |
| 36mm | 86 | 64 | 24 | 115 | 65867036 | 70mm  | 86  | 106 | 46 | 160 | 65867070 |
| 37mm | 86 | 65 | 24 | 115 | 65867037 | 72mm  | 86  | 108 | 49 | 160 | 65867072 |
| 38mm | 86 | 66 | 26 | 115 | 65867038 | 73mm  | 86  | 110 | 49 | 160 | 65867073 |
| 40mm | 86 | 68 | 28 | 115 | 65867040 | 75mm  | 86  | 112 | 49 | 170 | 65867075 |
| 41mm | 86 | 70 | 28 | 115 | 65867041 | 76mm  | 86  | 113 | 49 | 170 | 65867076 |
| 42mm | 86 | 71 | 28 | 115 | 65867042 | 77mm  | 86  | 114 | 53 | 170 | 65867077 |
| 43mm | 86 | 73 | 28 | 115 | 65867043 | 78mm  | 86  | 115 | 53 | 170 | 65867078 |
| 45mm | 86 | 75 | 30 | 115 | 65867045 | 80mm  | 86  | 119 | 53 | 170 | 65867080 |
| 46mm | 86 | 76 | 30 | 115 | 65867046 | 85mm  | 86  | 125 | 56 | 170 | 65867085 |
| 47mm | 86 | 77 | 32 | 115 | 65867047 | 88mm  | 86  | 128 | 56 | 170 | 65867088 |
| 48mm | 86 | 79 | 32 | 115 | 65867048 | 90mm  | 86  | 131 | 59 | 170 | 65867090 |
| 49mm | 86 | 80 | 32 | 115 | 65867049 | 95mm  | 95  | 137 | 61 | 180 | 65867095 |
| 50mm | 86 | 81 | 34 | 135 | 65867050 | 100mm | 95  | 144 | 65 | 190 | 65867100 |
| 52mm | 86 | 83 | 34 | 140 | 65867052 | 105mm | 95  | 154 | 68 | 190 | 65867105 |
| 54mm | 86 | 86 | 37 | 140 | 65867054 | 110mm | 95  | 157 | 72 | 200 | 65867110 |
| 55mm | 86 | 87 | 37 | 140 | 65867055 | 115mm | 95  | 164 | 77 | 210 | 65867115 |
| 56mm | 86 | 88 | 37 | 140 | 65867056 | 120mm | 95  | 167 | 77 | 210 | 65867120 |
| 57mm | 86 | 90 | 39 | 150 | 65867057 | 125mm | 127 | 174 | 77 | 210 | 65867125 |
| 58mm | 86 | 92 | 39 | 150 | 65867058 |       |     |     |    |     |          |
| 59mm | 86 | 93 | 39 | 150 | 65867059 |       |     |     |    |     |          |
| 60mm | 86 | 94 | 39 | 150 | 65867060 |       |     |     |    |     |          |

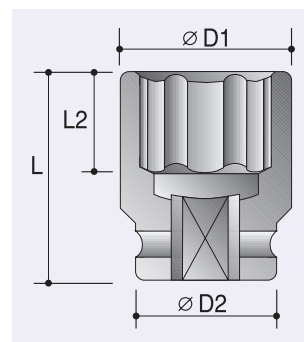


## 12-Point Sockets

### ○ 2-1/2" Dr.,

|          | D2  | D1  | L2 | L   |          |         | D2  | D1  | L2  | L   |          |
|----------|-----|-----|----|-----|----------|---------|-----|-----|-----|-----|----------|
| size     | mm  | mm  | mm | mm  | No.      | size    | mm  | mm  | mm  | mm  | No.      |
| 2"       | 127 | 87  | 32 | 120 | 65881200 | 4-7/8"  | 127 | 184 | 72  | 175 | 65881428 |
| 2-1/16"  | 127 | 89  | 32 | 120 | 65881202 | 5"      | 127 | 184 | 72  | 175 | 65881500 |
| 2-1/8"   | 127 | 91  | 32 | 120 | 65881204 | 5-1/8"  | 152 | 187 | 72  | 175 | 65881504 |
| 2-3/16"  | 127 | 93  | 35 | 120 | 65881206 | 5-1/4"  | 152 | 194 | 72  | 175 | 65881508 |
| 2-1/4"   | 127 | 95  | 35 | 125 | 65881208 | 5-3/8"  | 152 | 197 | 77  | 180 | 65881512 |
| 2-5/16"  | 127 | 97  | 37 | 125 | 65881210 | 5-1/2"  | 152 | 204 | 77  | 180 | 65881516 |
| 2-3/8"   | 127 | 99  | 37 | 125 | 65881212 | 5-5/8"  | 152 | 207 | 83  | 185 | 65881520 |
| 2-7/16"  | 127 | 101 | 37 | 125 | 65881214 | 5-3/4"  | 152 | 214 | 83  | 185 | 65881524 |
| 2-1/2"   | 127 | 103 | 37 | 125 | 65881216 | 5-7/8"  | 152 | 214 | 83  | 185 | 65881528 |
| 2-9/16"  | 127 | 105 | 40 | 130 | 65881218 | 6"      | 152 | 217 | 83  | 185 | 65881600 |
| 2-5/8"   | 127 | 107 | 40 | 130 | 65881220 | 6-1/8"  | 152 | 224 | 90  | 190 | 65881604 |
| 2-11/16" | 127 | 108 | 40 | 130 | 65881222 | 6-1/4"  | 152 | 227 | 90  | 190 | 65881608 |
| 2-3/4"   | 127 | 110 | 40 | 130 | 65881224 | 6-3/8"  | 152 | 234 | 95  | 195 | 65881612 |
| 2-13/16" | 127 | 113 | 42 | 130 | 65881226 | 6-1/2"  | 152 | 234 | 95  | 195 | 65881616 |
| 2-7/8"   | 127 | 115 | 42 | 130 | 65881228 | 6-5/8"  | 152 | 237 | 95  | 195 | 65881620 |
| 2-15/16" | 127 | 118 | 42 | 140 | 65881230 | 6-3/4"  | 152 | 244 | 95  | 195 | 65881624 |
| 3"       | 127 | 120 | 45 | 140 | 65881300 | 6-7/8"  | 152 | 247 | 100 | 200 | 65881628 |
| 3-1/8"   | 127 | 124 | 45 | 140 | 65881304 | 7"      | 152 | 254 | 100 | 200 | 65881700 |
| 3-1/4"   | 127 | 127 | 45 | 140 | 65881308 | 7-1/8"  | 152 | 254 | 105 | 210 | 65881704 |
| 3-3/8"   | 127 | 131 | 52 | 140 | 65881312 | 7-1/2"  | 152 | 264 | 105 | 210 | 65881716 |
| 3-7/16"  | 127 | 133 | 52 | 140 | 65881314 | 7-5/8"  | 152 | 267 | 105 | 210 | 65881720 |
| 3-1/2"   | 127 | 135 | 52 | 140 | 65881316 | 7-7/8"  | 152 | 274 | 110 | 220 | 65881728 |
| 3-5/8"   | 127 | 139 | 52 | 145 | 65881320 | 8"      | 152 | 277 | 110 | 220 | 65881800 |
| 3-3/4"   | 127 | 143 | 52 | 145 | 65881324 | 8-1/4"  | 152 | 284 | 110 | 220 | 65881808 |
| 3-7/8"   | 127 | 147 | 58 | 150 | 65881328 | 8-5/16" | 175 | 287 | 115 | 230 | 65881810 |
| 4"       | 127 | 151 | 58 | 150 | 65881400 | 8-3/8"  | 175 | 287 | 115 | 230 | 65881812 |
| 4-1/8"   | 127 | 155 | 58 | 155 | 65881404 | 8-1/2"  | 175 | 294 | 120 | 240 | 65881816 |
| 4-1/4"   | 127 | 159 | 60 | 160 | 65881408 | 8-5/8"  | 175 | 297 | 120 | 240 | 65881820 |
| 4-3/8"   | 127 | 163 | 62 | 165 | 65881412 | 8-3/4"  | 175 | 304 | 125 | 250 | 65881824 |
| 4-1/2"   | 127 | 167 | 62 | 165 | 65881416 | 8-7/8"  | 175 | 307 | 125 | 250 | 65881828 |
| 4-5/8"   | 127 | 172 | 67 | 170 | 65881420 | 9"      | 175 | 314 | 130 | 260 | 65881900 |
| 4-3/4"   | 127 | 176 | 67 | 170 | 65881424 |         |     |     |     |     |          |

# Impact Sockets



## 12-Point Sockets

### 2-1/2" Dr.,

|       | D2  | D1  | L2  | L   |          |
|-------|-----|-----|-----|-----|----------|
| size  | mm  | mm  | mm  | mm  | No.      |
| 60mm  | 127 | 99  | 37  | 125 | 65886060 |
| 65mm  | 127 | 105 | 40  | 130 | 65886065 |
| 70mm  | 127 | 110 | 40  | 130 | 65886070 |
| 75mm  | 127 | 118 | 42  | 140 | 65886075 |
| 77mm  | 127 | 122 | 45  | 140 | 65886077 |
| 80mm  | 127 | 124 | 45  | 140 | 65886080 |
| 85mm  | 127 | 130 | 52  | 140 | 65886085 |
| 90mm  | 127 | 136 | 52  | 145 | 65886090 |
| 95mm  | 127 | 143 | 52  | 145 | 65886095 |
| 100mm | 127 | 149 | 58  | 150 | 65886100 |
| 105mm | 127 | 155 | 58  | 155 | 65886105 |
| 110mm | 127 | 161 | 60  | 160 | 65886110 |
| 115mm | 127 | 167 | 62  | 165 | 65886115 |
| 120mm | 127 | 176 | 67  | 170 | 65886120 |
| 125mm | 127 | 184 | 72  | 175 | 65886125 |
| 130mm | 152 | 187 | 72  | 175 | 65886130 |
| 135mm | 152 | 194 | 77  | 180 | 65886135 |
| 140mm | 152 | 204 | 77  | 180 | 65886140 |
| 145mm | 152 | 207 | 83  | 185 | 65886145 |
| 150mm | 152 | 214 | 83  | 185 | 65886150 |
| 155mm | 152 | 224 | 90  | 190 | 65886155 |
| 160mm | 152 | 227 | 90  | 190 | 65886160 |
| 165mm | 152 | 234 | 95  | 195 | 65886165 |
| 170mm | 152 | 244 | 95  | 195 | 65886170 |
| 175mm | 152 | 247 | 100 | 200 | 65886175 |
| 180mm | 152 | 254 | 100 | 200 | 65886180 |
| 185mm | 152 | 257 | 105 | 210 | 65886185 |
| 190mm | 152 | 264 | 105 | 210 | 65886190 |
| 200mm | 152 | 274 | 110 | 220 | 65886200 |
| 210mm | 152 | 287 | 110 | 220 | 65886210 |



# 6-Point Sockets -Magnetic

1/4" Sq. Dr., 6-Point Sockets - Magnetic

3/8" Sq. Dr., 6-Point Sockets - Magnetic

1/2" Sq. Dr., 6-Point Sockets - Magnetic

# Impact Sockets



6-Point Sockets



6-Point Sockets - Deep

## 6-Point Sockets

### With Magnetic

#### □ 1/4" Dr.,

| size   | D2<br>mm | D1<br>mm | L2<br>mm | L<br>mm | No.      | size  | D2<br>mm | D1<br>mm | L2<br>mm | L<br>mm | No.      |
|--------|----------|----------|----------|---------|----------|-------|----------|----------|----------|---------|----------|
| 3/16"  | 13       | 8.5      | 3        | 23      | 6040P006 | 4mm   | 13       | 7.6      | 3        | 23      | 6050P040 |
| 7/32"  | 13       | 9.5      | 3        | 23      | 6040P007 | 4.5mm | 13       | 8.2      | 3        | 23      | 6050P045 |
| 1/4"   | 13       | 10.3     | 3        | 23      | 6040P008 | 5mm   | 13       | 8.8      | 3        | 23      | 6050P050 |
| 9/32"  | 13       | 11.3     | 3        | 23      | 6040P009 | 5.5mm | 13       | 9.5      | 3        | 23      | 6050P055 |
| 5/16"  | 13       | 12.5     | 3        | 23      | 6040P010 | 6mm   | 13       | 10       | 3        | 23      | 6050P060 |
| 11/32" | 13       | 13.8     | 4        | 23      | 6040P011 | 7mm   | 13       | 11.3     | 3        | 23      | 6050P070 |
| 3/8"   | 13       | 15       | 4        | 23      | 6040P012 | 8mm   | 13       | 12.5     | 3        | 23      | 6050P080 |
| 7/16"  | 13       | 16.3     | 5        | 23      | 6040P014 | 9mm   | 13       | 13.8     | 4        | 23      | 6050P090 |
| 1/2"   | 13       | 18.8     | 5        | 23      | 6040P016 | 10mm  | 13       | 15       | 4        | 23      | 6050P100 |
| 9/16"  | 13       | 20       | 6        | 23      | 6040P018 | 11mm  | 13       | 16.3     | 5        | 23      | 6050P110 |
|        |          |          |          |         |          | 12mm  | 13       | 17       | 5        | 23      | 6050P120 |
|        |          |          |          |         |          | 13mm  | 13       | 18.8     | 5        | 23      | 6050P130 |
|        |          |          |          |         |          | 14mm  | 13       | 20       | 6        | 23      | 6050P140 |
|        |          |          |          |         |          | 15mm  | 13       | 21       | 6        | 23      | 6050P150 |

## 6-Point Sockets - Deep

### With Slide Magnetic

| size   | D2<br>mm | D1<br>mm | L2<br>mm | L<br>mm | No.      | size  | D2<br>mm | D1<br>mm | L2<br>mm | L<br>mm | No.      |
|--------|----------|----------|----------|---------|----------|-------|----------|----------|----------|---------|----------|
| 3/16"  | 13       | 8.5      | 3        | 50      | 6040R006 | 5mm   | 13       | 8.8      | 3        | 50      | 6050R050 |
| 7/32"  | 13       | 9.5      | 3        | 50      | 6040R007 | 5.5mm | 13       | 9.5      | 3        | 50      | 6050R055 |
| 1/4"   | 13       | 10.3     | 3        | 50      | 6040R008 | 6mm   | 13       | 10       | 3        | 50      | 6050R060 |
| 9/32"  | 13       | 11.3     | 3        | 50      | 6040R009 | 7mm   | 13       | 11.3     | 3        | 50      | 6050R070 |
| 5/16"  | 13       | 12.5     | 3        | 50      | 6040R010 | 8mm   | 13       | 12.5     | 3        | 50      | 6050R080 |
| 11/32" | 13       | 13.8     | 4        | 50      | 6040R011 | 9mm   | 13       | 13.8     | 4        | 50      | 6050R090 |
| 3/8"   | 13       | 15       | 4        | 50      | 6040R012 | 10mm  | 13       | 15       | 4        | 50      | 6050R100 |
| 7/16"  | 13       | 16.3     | 5        | 50      | 6040R014 | 11mm  | 13       | 16.3     | 5        | 50      | 6050R110 |
| 1/2"   | 13       | 18.8     | 5        | 50      | 6040R016 | 12mm  | 13       | 17       | 5        | 50      | 6050R120 |
| 9/16"  | 13       | 20       | 6        | 50      | 6040R018 | 13mm  | 13       | 18.8     | 5        | 50      | 6050R130 |
|        |          |          |          |         |          | 14mm  | 13       | 20       | 6        | 50      | 6050R140 |
|        |          |          |          |         |          | 15mm  | 13       | 21       | 6        | 50      | 6050R150 |



6-Point Sockets



6-Point Sockets - Deep

## 6-Point Sockets

### With Magnetic

#### □ 3/8" Dr.,

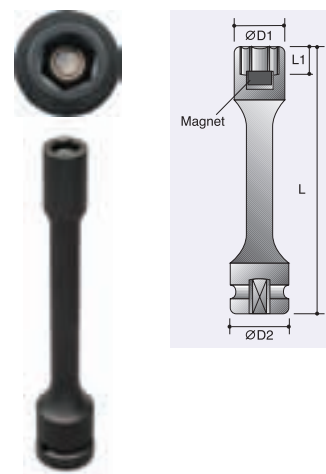
| size   | D2 | D1   | L2 | L  | No.      | size | D2 | D1   | L2 | L  | No.      |
|--------|----|------|----|----|----------|------|----|------|----|----|----------|
| 1/4"   | 19 | 12   | 3  | 30 | 6041P008 | 6mm  | 19 | 11.5 | 3  | 30 | 6051P006 |
| 5/16"  | 19 | 14   | 3  | 30 | 6041P010 | 7mm  | 19 | 12.5 | 3  | 30 | 6051P007 |
| 3/8"   | 19 | 15.7 | 4  | 30 | 6041P012 | 8mm  | 19 | 14   | 3  | 30 | 6051P008 |
| 7/16"  | 19 | 18   | 5  | 30 | 6041P014 | 9mm  | 19 | 15   | 4  | 30 | 6051P009 |
| 1/2"   | 19 | 20   | 5  | 30 | 6041P016 | 10mm | 19 | 16.5 | 4  | 30 | 6051P010 |
| 9/16"  | 22 | 21.5 | 6  | 30 | 6041P018 | 11mm | 19 | 17.5 | 5  | 30 | 6051P011 |
| 5/8"   | 22 | 24   | 6  | 30 | 6041P020 | 12mm | 19 | 19   | 5  | 30 | 6051P012 |
| 11/16" | 22 | 25.5 | 6  | 30 | 6041P022 | 13mm | 22 | 20   | 5  | 30 | 6051P013 |
| 3/4"   | 22 | 27.5 | 7  | 30 | 6041P024 | 14mm | 22 | 21.5 | 6  | 30 | 6051P014 |
|        |    |      |    |    |          | 15mm | 22 | 22   | 6  | 30 | 6051P015 |
|        |    |      |    |    |          | 16mm | 22 | 24   | 6  | 30 | 6051P016 |
|        |    |      |    |    |          | 17mm | 22 | 25   | 6  | 30 | 6051P017 |
|        |    |      |    |    |          | 18mm | 22 | 26   | 7  | 30 | 6051P018 |
|        |    |      |    |    |          | 19mm | 22 | 27.5 | 7  | 30 | 6051P019 |

## 6-Point Sockets - Deep

### With Slide Magnetic

| size   | D2 | D1   | L2 | L  | No.      | size | D2 | D1   | L2 | L  | No.      |
|--------|----|------|----|----|----------|------|----|------|----|----|----------|
| 1/4"   | 19 | 12   | 3  | 55 | 6041R008 | 6mm  | 19 | 11.5 | 3  | 55 | 6051R006 |
| 5/16"  | 19 | 14   | 3  | 55 | 6041R010 | 7mm  | 19 | 12.5 | 3  | 55 | 6051R007 |
| 3/8"   | 19 | 15.7 | 4  | 55 | 6041R012 | 8mm  | 19 | 14   | 3  | 55 | 6051R008 |
| 7/16"  | 19 | 18   | 5  | 55 | 6041R014 | 9mm  | 19 | 15   | 4  | 55 | 6051R009 |
| 1/2"   | 19 | 20   | 5  | 55 | 6041R016 | 10mm | 19 | 16.5 | 4  | 55 | 6051R010 |
| 9/16"  | 22 | 21.5 | 6  | 55 | 6041R018 | 11mm | 19 | 17.5 | 5  | 55 | 6051R011 |
| 5/8"   | 22 | 24   | 6  | 55 | 6041R020 | 12mm | 19 | 19   | 5  | 55 | 6051R012 |
| 11/16" | 22 | 25.5 | 6  | 55 | 6041R022 | 13mm | 22 | 20   | 5  | 55 | 6051R013 |
| 3/4"   | 22 | 27.5 | 7  | 55 | 6041R024 | 14mm | 22 | 21.5 | 6  | 55 | 6051R014 |
|        |    |      |    |    |          | 15mm | 22 | 22   | 6  | 55 | 6051R015 |
|        |    |      |    |    |          | 16mm | 22 | 24   | 6  | 55 | 6051R016 |
|        |    |      |    |    |          | 17mm | 22 | 25   | 6  | 55 | 6051R017 |
|        |    |      |    |    |          | 18mm | 22 | 26   | 7  | 55 | 6051R018 |
|        |    |      |    |    |          | 19mm | 22 | 27.5 | 7  | 55 | 6051R019 |

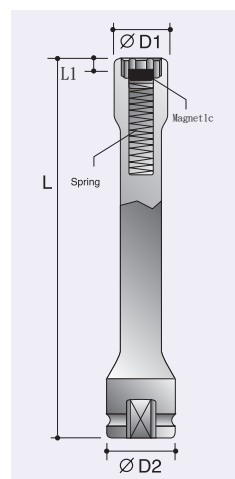
# Impact Sockets



## 6-Point Sockets - Extended Length - With Magnetic

### □ 3/8" Dr.,

| size   | D2 | D1   | L2 | L   | No.      | L   | No.      | L   | No.      | L   | No.      | L   | No.      |
|--------|----|------|----|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| mm     | mm | mm   | mm | mm  | mm       | mm  | mm       | mm  | mm       | mm  | mm       | mm  | mm       |
| 1/4"   | 19 | 11   | 3  | 125 | 6061Q008 | 150 | 6061R008 | 175 | 6061S008 | 200 | 6061T008 | 250 | 6061V008 |
| 5/16"  | 19 | 13   | 4  | 125 | 6061Q010 | 150 | 6061R010 | 175 | 6061S010 | 200 | 6061T010 | 250 | 6061V010 |
| 3/8"   | 19 | 15   | 4  | 125 | 6061Q012 | 150 | 6061R012 | 175 | 6061S012 | 200 | 6061T012 | 250 | 6061V012 |
| 7/16"  | 19 | 17.5 | 5  | 125 | 6061Q014 | 150 | 6061R014 | 175 | 6061S014 | 200 | 6061T014 | 250 | 6061V014 |
| 1/2"   | 19 | 20   | 6  | 125 | 6061Q016 | 150 | 6061R016 | 175 | 6061S016 | 200 | 6061T016 | 250 | 6061V016 |
| 9/16"  | 22 | 21   | 6  | 125 | 6061Q018 | 150 | 6061R018 | 175 | 6061S018 | 200 | 6061T018 | 250 | 6061V018 |
| 5/8"   | 22 | 24   | 7  | 125 | 6061Q020 | 150 | 6061R020 | 175 | 6061S020 | 200 | 6061T020 | 250 | 6061V020 |
| 11/16" | 22 | 25   | 8  | 125 | 6061Q022 | 150 | 6061R022 | 175 | 6061S022 | 200 | 6061T022 | 250 | 6061V022 |
| 3/4"   | 22 | 27   | 8  | 125 | 6061Q024 | 150 | 6061R024 | 175 | 6061S024 | 200 | 6061T024 | 250 | 6061V024 |
| 13/16" | 22 | 30   | 9  | 125 | 6061Q026 | 150 | 6061R026 | 175 | 6061S026 | 200 | 6061T026 | 250 | 6061V026 |
| 7/8"   | 23 | 31   | 9  | 125 | 6061Q028 | 150 | 6061R028 | 175 | 6061S028 | 200 | 6061T028 | 250 | 6061V028 |
| 6mm    | 19 | 11   | 3  | 125 | 6071Q006 | 150 | 6071R006 | 175 | 6071S006 | 200 | 6071T006 | 250 | 6071V006 |
| 7mm    | 19 | 12   | 3  | 125 | 6071Q007 | 150 | 6071R007 | 175 | 6071S007 | 200 | 6071T007 | 250 | 6071V007 |
| 8mm    | 19 | 13   | 4  | 125 | 6071Q008 | 150 | 6071R008 | 175 | 6071S008 | 200 | 6071T008 | 250 | 6071V008 |
| 9mm    | 19 | 15   | 4  | 125 | 6071Q009 | 150 | 6071R009 | 175 | 6071S009 | 200 | 6071T009 | 250 | 6071V009 |
| 10mm   | 19 | 16   | 4  | 125 | 6071Q010 | 150 | 6071R010 | 175 | 6071S010 | 200 | 6071T010 | 250 | 6071V010 |
| 11mm   | 19 | 17.5 | 5  | 125 | 6071Q011 | 150 | 6071R011 | 175 | 6071S011 | 200 | 6071T011 | 250 | 6071V011 |
| 12mm   | 19 | 18.5 | 5  | 125 | 6071Q012 | 150 | 6071R012 | 175 | 6071S012 | 200 | 6071T012 | 250 | 6071V012 |
| 13mm   | 22 | 20   | 6  | 125 | 6071Q013 | 150 | 6071R013 | 175 | 6071S013 | 200 | 6071T013 | 250 | 6071V013 |
| 14mm   | 22 | 21   | 6  | 125 | 6071Q014 | 150 | 6071R014 | 175 | 6071S014 | 200 | 6071T014 | 250 | 6071V014 |
| 15mm   | 22 | 22   | 7  | 125 | 6071Q015 | 150 | 6071R015 | 175 | 6071S015 | 200 | 6071T015 | 250 | 6071V015 |
| 16mm   | 22 | 24   | 7  | 125 | 6071Q016 | 150 | 6071R016 | 175 | 6071S016 | 200 | 6071T016 | 250 | 6071V016 |
| 17mm   | 22 | 25   | 7  | 125 | 6071Q017 | 150 | 6071R017 | 175 | 6071S017 | 200 | 6071T017 | 250 | 6071V017 |
| 18mm   | 22 | 26   | 8  | 125 | 6071Q018 | 150 | 6071R018 | 175 | 6071S018 | 200 | 6071T018 | 250 | 6071V018 |
| 19mm   | 22 | 27   | 8  | 125 | 6071Q019 | 150 | 6071R019 | 175 | 6071S019 | 200 | 6071T019 | 250 | 6071V019 |
| 20mm   | 22 | 28   | 8  | 125 | 6071Q020 | 150 | 6071R020 | 175 | 6071S020 | 200 | 6071T020 | 250 | 6071V020 |
| 21mm   | 22 | 30   | 9  | 125 | 6071Q021 | 150 | 6071R021 | 175 | 6071S021 | 200 | 6071T021 | 250 | 6071V021 |
| 22mm   | 23 | 31   | 9  | 125 | 6071Q022 | 150 | 6071R022 | 175 | 6071S022 | 200 | 6071T022 | 250 | 6071V022 |



## 6-Point Sockets - Extended Length - With Slide Magnetic

### 3/8" Dr.,

|        | D2 | D1   | L2 | L   |          | L   |          | L   |          | L   |          |
|--------|----|------|----|-----|----------|-----|----------|-----|----------|-----|----------|
| size   | mm | mm   | mm | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      |
| 1/4"   | 19 | 12   | 3  | 100 | 6041S008 | 150 | 6041T008 | 200 | 6041Q008 | 250 | 6041V008 |
| 5/16"  | 19 | 14   | 3  | 100 | 6041S010 | 150 | 6041T010 | 200 | 6041Q010 | 250 | 6041V010 |
| 3/8"   | 19 | 15.7 | 4  | 100 | 6041S012 | 150 | 6041T012 | 200 | 6041Q012 | 250 | 6041V012 |
| 7/16"  | 19 | 18   | 5  | 100 | 6041S014 | 150 | 6041T014 | 200 | 6041Q014 | 250 | 6041V014 |
| 1/2"   | 19 | 20   | 5  | 100 | 6041S016 | 150 | 6041T016 | 200 | 6041Q016 | 250 | 6041V016 |
| 9/16"  | 22 | 21.5 | 6  | 100 | 6041S018 | 150 | 6041T018 | 200 | 6041Q018 | 250 | 6041V018 |
| 5/8"   | 22 | 24   | 6  | 100 | 6041S020 | 150 | 6041T020 | 200 | 6041Q020 | 250 | 6041V020 |
| 11/16" | 22 | 25.5 | 6  | 100 | 6041S022 | 150 | 6041T022 | 200 | 6041Q022 | 250 | 6041V022 |
| 3/4"   | 22 | 27.5 | 7  | 100 | 6041S024 | 150 | 6041T024 | 200 | 6041Q024 | 250 | 6041V024 |
| 6mm    | 19 | 11.5 | 3  | 100 | 6051S006 | 150 | 6051T006 | 200 | 6051Q006 | 250 | 6051V006 |
| 7mm    | 19 | 12.5 | 3  | 100 | 6051S007 | 150 | 6051T007 | 200 | 6051Q007 | 250 | 6051V007 |
| 8mm    | 19 | 14   | 3  | 100 | 6051S008 | 150 | 6051T008 | 200 | 6051Q008 | 250 | 6051V008 |
| 9mm    | 19 | 15   | 4  | 100 | 6051S009 | 150 | 6051T009 | 200 | 6051Q009 | 250 | 6051V009 |
| 10mm   | 19 | 16.5 | 4  | 100 | 6051S010 | 150 | 6051T010 | 200 | 6051Q010 | 250 | 6051V010 |
| 11mm   | 19 | 17.5 | 5  | 100 | 6051S011 | 150 | 6051T011 | 200 | 6051Q011 | 250 | 6051V011 |
| 12mm   | 19 | 19   | 5  | 100 | 6051S012 | 150 | 6051T012 | 200 | 6051Q012 | 250 | 6051V012 |
| 13mm   | 22 | 20   | 5  | 100 | 6051S013 | 150 | 6051T013 | 200 | 6051Q013 | 250 | 6051V013 |
| 14mm   | 22 | 21.5 | 6  | 100 | 6051S014 | 150 | 6051T014 | 200 | 6051Q014 | 250 | 6051V014 |
| 15mm   | 22 | 22   | 6  | 100 | 6051S015 | 150 | 6051T015 | 200 | 6051Q015 | 250 | 6051V015 |
| 16mm   | 22 | 24   | 6  | 100 | 6051S016 | 150 | 6051T016 | 200 | 6051Q016 | 250 | 6051V016 |
| 17mm   | 22 | 25   | 6  | 100 | 6051S017 | 150 | 6051T017 | 200 | 6051Q017 | 250 | 6051V017 |
| 18mm   | 22 | 26   | 7  | 100 | 6051S018 | 150 | 6051T018 | 200 | 6051Q018 | 250 | 6051V018 |
| 19mm   | 22 | 27.5 | 7  | 100 | 6051S019 | 150 | 6051T019 | 200 | 6051Q019 | 250 | 6051V019 |

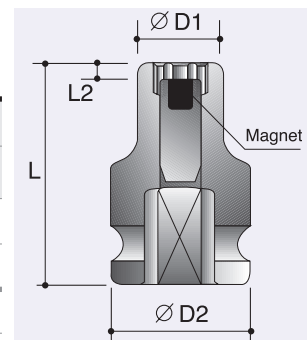
# Impact Sockets

## 6-Point Sockets

### With Magnetic

□ 1/2" Dr.,

|        | D2 | D1   | L2 | L  |          |      | D2 | D1   | L2 | L  |          |
|--------|----|------|----|----|----------|------|----|------|----|----|----------|
| size   | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm | No.      |
| 5/16"  | 25 | 15   | 3  | 38 | 6042P010 | 8mm  | 25 | 15   | 3  | 38 | 6052P008 |
| 3/8"   | 25 | 17.4 | 4  | 38 | 6042P012 | 9mm  | 25 | 16   | 4  | 38 | 6052P009 |
| 7/16"  | 25 | 19   | 5  | 38 | 6042P014 | 10mm | 25 | 17.5 | 4  | 38 | 6052P010 |
| 1/2"   | 25 | 21   | 5  | 38 | 6042P016 | 11mm | 25 | 18.7 | 5  | 38 | 6052P011 |
| 9/16"  | 25 | 23   | 6  | 38 | 6042P018 | 12mm | 25 | 20   | 5  | 38 | 6052P012 |
| 5/8"   | 30 | 25   | 6  | 38 | 6042P020 | 13mm | 25 | 21   | 5  | 38 | 6052P013 |
| 11/16" | 30 | 27   | 6  | 38 | 6042P022 | 14mm | 25 | 22.5 | 6  | 38 | 6052P014 |
| 3/4"   | 30 | 29   | 7  | 38 | 6042P024 | 15mm | 30 | 23.7 | 6  | 38 | 6052P015 |
| 13/16" | 30 | 31   | 8  | 38 | 6042P026 | 16mm | 30 | 25   | 6  | 38 | 6052P016 |
| 7/8"   | 30 | 33   | 8  | 38 | 6042P028 | 17mm | 30 | 26.5 | 6  | 38 | 6052P017 |
| 15/16" | 30 | 35   | 10 | 45 | 6042P030 | 18mm | 30 | 27.5 | 7  | 38 | 6052P018 |
| 1"     | 30 | 37   | 10 | 45 | 6042P100 | 19mm | 30 | 29   | 7  | 38 | 6052P019 |
|        |    |      |    |    |          | 20mm | 30 | 30   | 7  | 38 | 6052P020 |
|        |    |      |    |    |          | 21mm | 30 | 31   | 8  | 38 | 6052P021 |
|        |    |      |    |    |          | 22mm | 30 | 32.5 | 8  | 38 | 6052P022 |
|        |    |      |    |    |          | 24mm | 30 | 35   | 10 | 45 | 6052P024 |

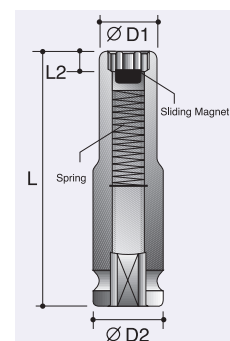


6-Point Sockets

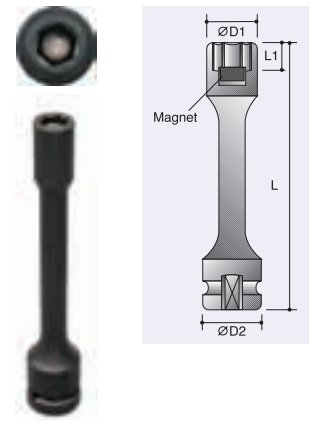
## 6-Point Sockets - Deep

### With Slide Magnetic

|        | D2 | D1   | L2 | L  |          |      | D2 | D1   | L2 | L  |          |
|--------|----|------|----|----|----------|------|----|------|----|----|----------|
| size   | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm | No.      |
| 5/16"  | 25 | 15   | 4  | 78 | 6042R010 | 8mm  | 25 | 15   | 4  | 78 | 6052R008 |
| 3/8"   | 25 | 17.4 | 4  | 78 | 6042R012 | 9mm  | 25 | 16   | 4  | 78 | 6052R009 |
| 7/16"  | 25 | 19   | 5  | 78 | 6042R014 | 10mm | 25 | 17.5 | 5  | 78 | 6052R010 |
| 1/2"   | 25 | 21   | 5  | 78 | 6042R016 | 11mm | 25 | 18.7 | 5  | 78 | 6052R011 |
| 9/16"  | 25 | 23   | 6  | 78 | 6042R018 | 12mm | 25 | 20   | 6  | 78 | 6052R012 |
| 5/8"   | 30 | 25   | 6  | 78 | 6042R020 | 13mm | 25 | 21   | 6  | 78 | 6052R013 |
| 11/16" | 30 | 27   | 6  | 78 | 6042R022 | 14mm | 25 | 22.5 | 7  | 78 | 6052R014 |
| 3/4"   | 30 | 29   | 7  | 78 | 6042R024 | 15mm | 30 | 23.7 | 7  | 78 | 6052R015 |
| 13/16" | 30 | 31   | 8  | 78 | 6042R026 | 16mm | 30 | 25   | 7  | 78 | 6052R016 |
| 7/8"   | 30 | 33   | 8  | 78 | 6042R028 | 17mm | 30 | 26.5 | 7  | 78 | 6052R017 |
| 15/16" | 30 | 35   | 10 | 78 | 6042R030 | 18mm | 30 | 27.5 | 8  | 78 | 6052R018 |
| 1"     | 30 | 37   | 10 | 78 | 6042R100 | 19mm | 30 | 29   | 8  | 78 | 6052R019 |
|        |    |      |    |    |          | 20mm | 30 | 30   | 8  | 78 | 6052R020 |
|        |    |      |    |    |          | 21mm | 30 | 31   | 9  | 78 | 6052R021 |
|        |    |      |    |    |          | 22mm | 30 | 32.5 | 9  | 78 | 6052R022 |
|        |    |      |    |    |          | 24mm | 30 | 35   | 11 | 78 | 6052R024 |



6-Point Sockets - Deep

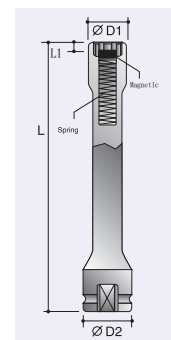


## 6-Point Sockets - Extended Length, With Magnetic

### 1/2" Dr.,

|         | D2 | D1   | L2 | L   |          | L   |          | L   |          | L   |          | L   |          |
|---------|----|------|----|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| size    | mm | mm   | mm | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      |
| 5/16"   | 25 | 15   | 4  | 125 | 6062Q010 | 150 | 6062R010 | 175 | 6062S010 | 200 | 6062T010 | 250 | 6062V010 |
| 3/8"    | 25 | 17.5 | 4  | 125 | 6062Q012 | 150 | 6062R012 | 175 | 6062S012 | 200 | 6062T012 | 250 | 6062V012 |
| 7/16"   | 25 | 18.5 | 5  | 125 | 6062Q014 | 150 | 6062R014 | 175 | 6062S014 | 200 | 6062T014 | 250 | 6062V014 |
| 1/2"    | 25 | 21   | 6  | 125 | 6062Q016 | 150 | 6062R016 | 175 | 6062S016 | 200 | 6062T016 | 250 | 6062V016 |
| 9/16"   | 25 | 22.5 | 6  | 125 | 6062Q018 | 150 | 6062R018 | 175 | 6062S018 | 200 | 6062T018 | 250 | 6062V018 |
| 5/8"    | 28 | 25   | 7  | 125 | 6062Q020 | 150 | 6062R020 | 175 | 6062S020 | 200 | 6062T020 | 250 | 6062V020 |
| 11/16"  | 30 | 27.5 | 8  | 125 | 6062Q022 | 150 | 6062R022 | 175 | 6062S022 | 200 | 6062T022 | 250 | 6062V022 |
| 3/4"    | 30 | 28.5 | 8  | 125 | 6062Q024 | 150 | 6062R024 | 175 | 6062S024 | 200 | 6062T024 | 250 | 6062V024 |
| 13/16"  | 30 | 31   | 9  | 125 | 6062Q026 | 150 | 6062R026 | 175 | 6062S026 | 200 | 6062T026 | 250 | 6062V026 |
| 7/8"    | 30 | 32   | 9  | 125 | 6062Q028 | 150 | 6062R028 | 175 | 6062S028 | 200 | 6062T028 | 250 | 6062V028 |
| 15/16"  | 30 | 35   | 10 | 125 | 6062Q030 | 150 | 6062R030 | 175 | 6062S030 | 200 | 6062T030 | 250 | 6062V030 |
| 1"      | 30 | 38   | 11 | 125 | 6062Q100 | 150 | 6062R100 | 175 | 6062S100 | 200 | 6062T100 | 250 | 6062V100 |
| 1-1/16" | 30 | 38.5 | 12 | 125 | 6062Q102 | 150 | 6062R102 | 175 | 6062S102 | 200 | 6062T102 | 250 | 6062V102 |
| 8mm     | 25 | 15   | 4  | 125 | 6072Q008 | 150 | 6072R008 | 175 | 6072S008 | 200 | 6072T008 | 250 | 6072V008 |
| 9mm     | 25 | 16   | 4  | 125 | 6072Q009 | 150 | 6072R009 | 175 | 6072S009 | 200 | 6072T009 | 250 | 6072V009 |
| 10mm    | 25 | 17.5 | 4  | 125 | 6072Q010 | 150 | 6072R010 | 175 | 6072S010 | 200 | 6072T010 | 250 | 6072V010 |
| 11mm    | 25 | 18.5 | 5  | 125 | 6072Q011 | 150 | 6072R011 | 175 | 6072S011 | 200 | 6072T011 | 250 | 6072V011 |
| 12mm    | 25 | 20   | 5  | 125 | 6072Q012 | 150 | 6072R012 | 175 | 6072S012 | 200 | 6072T012 | 250 | 6072V012 |
| 13mm    | 25 | 21   | 6  | 125 | 6072Q013 | 150 | 6072R013 | 175 | 6072S013 | 200 | 6072T013 | 250 | 6072V013 |
| 14mm    | 25 | 22.5 | 6  | 125 | 6072Q014 | 150 | 6072R014 | 175 | 6072S014 | 200 | 6072T014 | 250 | 6072V014 |
| 15mm    | 30 | 23.5 | 7  | 125 | 6072Q015 | 150 | 6072R015 | 175 | 6072S015 | 200 | 6072T015 | 250 | 6072V015 |
| 16mm    | 30 | 25   | 7  | 125 | 6072Q016 | 150 | 6072R016 | 175 | 6072S016 | 200 | 6072T016 | 250 | 6072V016 |
| 17mm    | 30 | 26   | 8  | 125 | 6072Q017 | 150 | 6072R017 | 175 | 6072S017 | 200 | 6072T017 | 250 | 6072V017 |
| 18mm    | 30 | 27.5 | 8  | 125 | 6072Q018 | 150 | 6072R018 | 175 | 6072S018 | 200 | 6072T018 | 250 | 6072V018 |
| 19mm    | 30 | 28.5 | 8  | 125 | 6072Q019 | 150 | 6072R019 | 175 | 6072S019 | 200 | 6072T019 | 250 | 6072V019 |
| 20mm    | 30 | 30   | 8  | 125 | 6072Q020 | 150 | 6072R020 | 175 | 6072S020 | 200 | 6072T020 | 250 | 6072V020 |
| 21mm    | 30 | 31   | 9  | 125 | 6072Q021 | 150 | 6072R021 | 175 | 6072S021 | 200 | 6072T021 | 250 | 6072V021 |
| 22mm    | 30 | 32   | 9  | 125 | 6072Q022 | 150 | 6072R022 | 175 | 6072S022 | 200 | 6072T022 | 250 | 6072V022 |
| 23mm    | 30 | 34   | 9  | 125 | 6072Q023 | 150 | 6072R023 | 175 | 6072S023 | 200 | 6072T023 | 250 | 6072V023 |
| 24mm    | 30 | 35   | 10 | 125 | 6072Q024 | 150 | 6072R024 | 175 | 6072S024 | 200 | 6072T024 | 250 | 6072V024 |
| 25mm    | 30 | 36   | 10 | 125 | 6072Q025 | 150 | 6072R025 | 175 | 6072S025 | 200 | 6072T025 | 250 | 6072V025 |
| 26mm    | 30 | 38   | 11 | 125 | 6072Q026 | 150 | 6072R026 | 175 | 6072S026 | 200 | 6072T026 | 250 | 6072V026 |
| 27mm    | 30 | 38.5 | 12 | 125 | 6072Q027 | 150 | 6072R027 | 175 | 6072S027 | 200 | 6072T027 | 250 | 6072V027 |

# Impact Sockets



## 6-Point Sockets - Extended Length - With Slide Magnetic

### 1/2" Dr.,

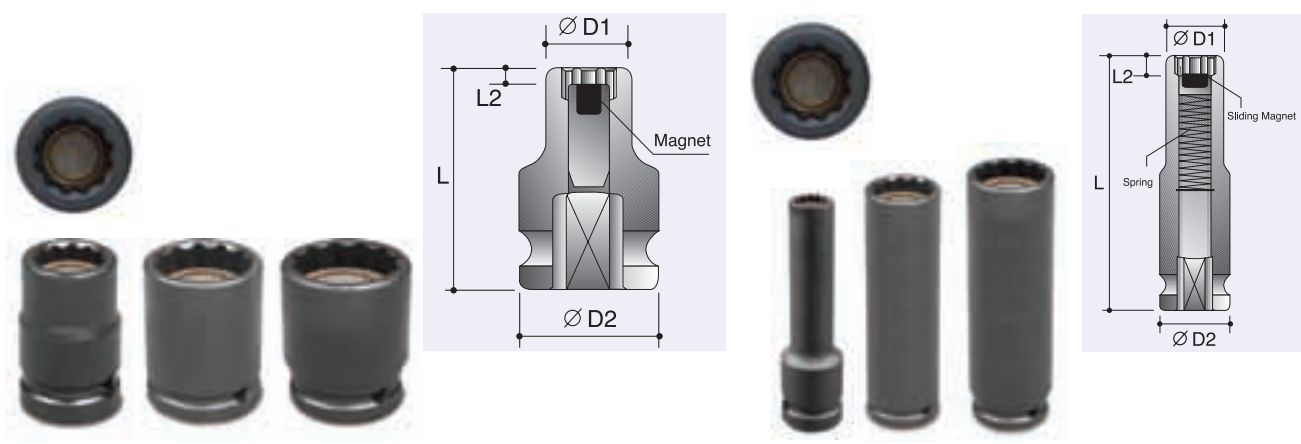
|        | D2 | D1   | L2  | L   |          | L   |          | L   |          | L   |          |
|--------|----|------|-----|-----|----------|-----|----------|-----|----------|-----|----------|
| size   | mm | mm   | mm  | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      |
| 5/16"  | 25 | 15   | 3.5 | 100 | 6042S010 | 150 | 6042T010 | 200 | 6042Q010 | 250 | 6042V010 |
| 3/8"   | 25 | 17.4 | 4   | 100 | 6042S012 | 150 | 6042T012 | 200 | 6042Q012 | 250 | 6042V012 |
| 7/16"  | 25 | 19   | 5   | 100 | 6042S014 | 150 | 6042T014 | 200 | 6042Q014 | 250 | 6042V014 |
| 1/2"   | 25 | 21   | 5   | 100 | 6042S016 | 150 | 6042T016 | 200 | 6042Q016 | 250 | 6042V016 |
| 9/16"  | 25 | 23   | 6   | 100 | 6042S018 | 150 | 6042T018 | 200 | 6042Q018 | 250 | 6042V018 |
| 5/8"   | 30 | 25   | 6   | 100 | 6042S020 | 150 | 6042T020 | 200 | 6042Q020 | 250 | 6042V020 |
| 11/16" | 30 | 27   | 6   | 100 | 6042S022 | 150 | 6042T022 | 200 | 6042Q022 | 250 | 6042V022 |
| 3/4"   | 30 | 29   | 7   | 100 | 6042S024 | 150 | 6042T024 | 200 | 6042Q024 | 250 | 6042V024 |
| 13/16" | 30 | 31   | 8   | 100 | 6042S026 | 150 | 6042T026 | 200 | 6042Q026 | 250 | 6042V026 |
| 7/8"   | 30 | 33   | 8   | 100 | 6042S028 | 150 | 6042T028 | 200 | 6042Q028 | 250 | 6042V028 |
| 15/16" | 30 | 35   | 10  | 100 | 6042S030 | 150 | 6042T030 | 200 | 6042Q030 | 250 | 6042V030 |
| 1"     | 30 | 37   | 10  | 100 | 6042S100 | 150 | 6042T100 | 200 | 6042Q100 | 250 | 6042V100 |
| 8mm    | 25 | 15   | 3.5 | 100 | 6052S008 | 150 | 6052T008 | 200 | 6052Q008 | 250 | 6052V008 |
| 9mm    | 25 | 16   | 4   | 100 | 6052S009 | 150 | 6052T009 | 200 | 6052Q009 | 250 | 6052V009 |
| 10mm   | 25 | 17.5 | 4   | 100 | 6052S010 | 150 | 6052T010 | 200 | 6052Q010 | 250 | 6052V010 |
| 11mm   | 25 | 18.7 | 5   | 100 | 6052S011 | 150 | 6052T011 | 200 | 6052Q011 | 250 | 6052V011 |
| 12mm   | 25 | 20   | 5   | 100 | 6052S012 | 150 | 6052T012 | 200 | 6052Q012 | 250 | 6052V012 |
| 13mm   | 25 | 21   | 5   | 100 | 6052S013 | 150 | 6052T013 | 200 | 6052Q013 | 250 | 6052V013 |
| 14mm   | 25 | 22.5 | 6   | 100 | 6052S014 | 150 | 6052T014 | 200 | 6052Q014 | 250 | 6052V014 |
| 15mm   | 30 | 23.7 | 6   | 100 | 6052S015 | 150 | 6052T015 | 200 | 6052Q015 | 250 | 6052V015 |
| 16mm   | 30 | 25   | 6   | 100 | 6052S016 | 150 | 6052T016 | 200 | 6052Q016 | 250 | 6052V016 |
| 17mm   | 30 | 26.5 | 6   | 100 | 6052S017 | 150 | 6052T017 | 200 | 6052Q017 | 250 | 6052V017 |
| 18mm   | 30 | 27.5 | 7   | 100 | 6052S018 | 150 | 6052T018 | 200 | 6052Q018 | 250 | 6052V018 |
| 19mm   | 30 | 29   | 7   | 100 | 6052S019 | 150 | 6052T019 | 200 | 6052Q019 | 250 | 6052V019 |
| 20mm   | 30 | 30   | 7   | 100 | 6052S020 | 150 | 6052T020 | 200 | 6052Q020 | 250 | 6052V020 |
| 21mm   | 30 | 31   | 8   | 100 | 6052S021 | 150 | 6052T021 | 200 | 6052Q021 | 250 | 6052V021 |
| 22mm   | 30 | 32.5 | 8   | 100 | 6052S022 | 150 | 6052T022 | 200 | 6052Q022 | 250 | 6052V022 |
| 24mm   | 30 | 35   | 10  | 100 | 6052S024 | 150 | 6052T024 | 200 | 6052Q024 | 250 | 6052V024 |



# 12-Point Sockets - Magnetic

3/8" Sq. Dr., 12-Point Sockets - Magnetic  
1/2" Sq. Dr., 12-Point Sockets - Magnetic

# Impact Sockets



12-Point Sockets

12-Point Sockets - Deep

## 12-Point Sockets

### With Magnetic

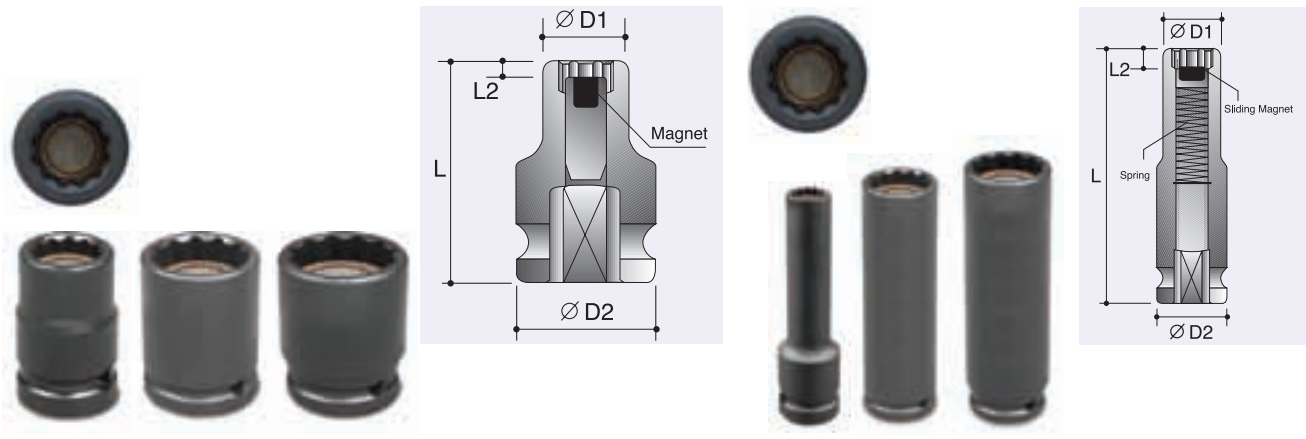
#### 3/8" Dr.,

|        | D2 | D1   | L2 | L  |          |      | D2 | D1   | L2 | L  |          |
|--------|----|------|----|----|----------|------|----|------|----|----|----------|
| size   | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm | No.      |
| 1/4"   | 19 | 11   | 3  | 30 | 6581Q008 | 6mm  | 19 | 11   | 3  | 30 | 6581P006 |
| 5/16"  | 19 | 13   | 3  | 30 | 6581Q010 | 7mm  | 19 | 12   | 3  | 30 | 6581P007 |
| 3/8"   | 19 | 15   | 4  | 30 | 6581Q012 | 8mm  | 19 | 13   | 3  | 30 | 6581P008 |
| 7/16"  | 19 | 17.5 | 5  | 30 | 6581Q014 | 9mm  | 19 | 15   | 4  | 30 | 6581P009 |
| 1/2"   | 20 | 20   | 5  | 30 | 6581Q016 | 10mm | 19 | 16.5 | 4  | 30 | 6581P010 |
| 9/16"  | 22 | 21.5 | 6  | 32 | 6581Q018 | 11mm | 19 | 17.5 | 5  | 30 | 6581P011 |
| 5/8"   | 22 | 24   | 6  | 32 | 6581Q020 | 12mm | 20 | 19   | 5  | 30 | 6581P012 |
| 11/16" | 22 | 25.5 | 6  | 32 | 6581Q022 | 13mm | 22 | 20   | 5  | 30 | 6581P013 |
| 3/4"   | 22 | 27.5 | 7  | 34 | 6581Q024 | 14mm | 22 | 21.5 | 6  | 32 | 6581P014 |
|        |    |      |    |    |          | 15mm | 22 | 22   | 6  | 32 | 6581P015 |
|        |    |      |    |    |          | 16mm | 22 | 24   | 6  | 32 | 6581P016 |
|        |    |      |    |    |          | 17mm | 22 | 25   | 6  | 32 | 6581P017 |
|        |    |      |    |    |          | 18mm | 22 | 26   | 7  | 34 | 6581P018 |
|        |    |      |    |    |          | 19mm | 22 | 27.5 | 7  | 34 | 6581P019 |

## 12-Point Sockets - Deep

### With Slide Magnetic

|        | D2 | D1   | L2 | L  |          |      | D2 | D1   | L2 | L  |          |
|--------|----|------|----|----|----------|------|----|------|----|----|----------|
| size   | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm | No.      |
| 1/4"   | 19 | 11   | 3  | 55 | 6581S008 | 6mm  | 19 | 11   | 3  | 55 | 6581R006 |
| 5/16"  | 19 | 13   | 3  | 55 | 6581S010 | 7mm  | 19 | 12   | 3  | 55 | 6581R007 |
| 3/8"   | 19 | 15   | 4  | 55 | 6581S012 | 8mm  | 19 | 13   | 3  | 55 | 6581R008 |
| 7/16"  | 19 | 17.5 | 5  | 55 | 6581S014 | 9mm  | 19 | 15   | 4  | 55 | 6581R009 |
| 1/2"   | 20 | 20   | 5  | 55 | 6581S016 | 10mm | 19 | 16.5 | 4  | 55 | 6581R010 |
| 9/16"  | 22 | 21.5 | 6  | 55 | 6581S018 | 11mm | 19 | 17.5 | 5  | 55 | 6581R011 |
| 5/8"   | 22 | 24   | 6  | 55 | 6581S020 | 12mm | 20 | 19   | 5  | 55 | 6581R012 |
| 11/16" | 22 | 25.5 | 6  | 55 | 6581S022 | 13mm | 22 | 20   | 5  | 55 | 6581R013 |
| 3/4"   | 22 | 27.5 | 7  | 55 | 6581S024 | 14mm | 22 | 21.5 | 6  | 55 | 6581R014 |
|        |    |      |    |    |          | 15mm | 22 | 22   | 6  | 55 | 6581R015 |
|        |    |      |    |    |          | 16mm | 22 | 24   | 6  | 55 | 6581R016 |
|        |    |      |    |    |          | 17mm | 22 | 25   | 6  | 55 | 6581R017 |
|        |    |      |    |    |          | 18mm | 22 | 26   | 7  | 55 | 6581R018 |
|        |    |      |    |    |          | 19mm | 22 | 27.5 | 7  | 55 | 6581R019 |



12-Point Sockets

12-Point Sockets - Deep

## 12-Point Sockets

### With Magnetic

#### ○ 1/2" Dr.,

| size   | D2 | D1   | L2  | L  | No.      | size | D2 | D1   | L2  | L  | No.      |
|--------|----|------|-----|----|----------|------|----|------|-----|----|----------|
| 5/16"  | 25 | 15   | 3.5 | 38 | 6582Q010 | 8mm  | 25 | 15   | 3.5 | 38 | 6582P008 |
| 3/8"   | 25 | 17   | 4   | 38 | 6582Q012 | 9mm  | 25 | 16   | 4   | 38 | 6582P009 |
| 7/16"  | 25 | 19   | 5   | 38 | 6582Q014 | 10mm | 25 | 17.5 | 4   | 38 | 6582P010 |
| 1/2"   | 25 | 21   | 5   | 38 | 6582Q016 | 11mm | 25 | 19   | 5   | 38 | 6582P011 |
| 9/16"  | 25 | 22.5 | 6   | 38 | 6582Q018 | 12mm | 25 | 20   | 5   | 38 | 6582P012 |
| 5/8"   | 28 | 25   | 6   | 38 | 6582Q020 | 13mm | 25 | 21   | 5   | 38 | 6582P013 |
| 11/16" | 30 | 27   | 6   | 38 | 6582Q022 | 14mm | 25 | 22.5 | 6   | 38 | 6582P014 |
| 3/4"   | 30 | 29   | 7   | 40 | 6582Q024 | 15mm | 30 | 23.5 | 6   | 38 | 6582P015 |
| 13/16" | 30 | 31   | 8   | 40 | 6582Q026 | 16mm | 30 | 25   | 6   | 38 | 6582P016 |
| 7/8"   | 30 | 32.5 | 8   | 40 | 6582Q028 | 17mm | 30 | 26.5 | 6   | 38 | 6582P017 |
| 15/16" | 30 | 35   | 10  | 45 | 6582Q030 | 18mm | 30 | 27.5 | 7   | 38 | 6582P018 |
| 1"     | 30 | 37   | 10  | 45 | 6582Q100 | 19mm | 30 | 29   | 7   | 38 | 6582P019 |
|        |    |      |     |    |          | 20mm | 30 | 30   | 7   | 38 | 6582P020 |
|        |    |      |     |    |          | 21mm | 30 | 31   | 8   | 38 | 6582P021 |
|        |    |      |     |    |          | 22mm | 30 | 32.5 | 8   | 38 | 6582P022 |
|        |    |      |     |    |          | 24mm | 30 | 35   | 10  | 45 | 6582P024 |

## 12-Point Sockets - Deep

### With Slide Magnetic

| size   | D2 | D1   | L2 | L  | No.      | size | D2 | D1   | L2 | L  | No.      |
|--------|----|------|----|----|----------|------|----|------|----|----|----------|
| 5/16"  | 25 | 15   | 6  | 83 | 6582S010 | 8mm  | 25 | 15   | 6  | 83 | 6582R008 |
| 3/8"   | 25 | 17   | 6  | 83 | 6582S012 | 9mm  | 25 | 16   | 6  | 83 | 6582R009 |
| 7/16"  | 25 | 19   | 8  | 83 | 6582S014 | 10mm | 25 | 17.5 | 7  | 83 | 6582R010 |
| 1/2"   | 25 | 21   | 9  | 83 | 6582S016 | 11mm | 25 | 19   | 8  | 83 | 6582R011 |
| 9/16"  | 25 | 22.5 | 11 | 83 | 6582S018 | 12mm | 25 | 20   | 9  | 83 | 6582R012 |
| 5/8"   | 28 | 25   | 11 | 83 | 6582S020 | 13mm | 25 | 21   | 9  | 83 | 6582R013 |
| 11/16" | 30 | 27   | 11 | 83 | 6582S022 | 14mm | 25 | 22.5 | 11 | 83 | 6582R014 |
| 3/4"   | 30 | 29   | 13 | 83 | 6582S024 | 15mm | 30 | 23.5 | 11 | 83 | 6582R015 |
| 13/16" | 30 | 31   | 15 | 83 | 6582S026 | 16mm | 30 | 25   | 11 | 83 | 6582R016 |
| 7/8"   | 30 | 32.5 | 15 | 90 | 6582S028 | 17mm | 30 | 26.5 | 11 | 83 | 6582R017 |
| 15/16" | 30 | 35   | 18 | 90 | 6582S030 | 18mm | 30 | 27.5 | 13 | 83 | 6582R018 |
| 1"     | 30 | 37   | 18 | 90 | 6582S100 | 19mm | 30 | 29   | 13 | 83 | 6582R019 |
|        |    |      |    |    |          | 20mm | 30 | 30   | 13 | 83 | 6582R020 |
|        |    |      |    |    |          | 21mm | 30 | 31   | 15 | 83 | 6582R021 |
|        |    |      |    |    |          | 22mm | 30 | 32.5 | 15 | 90 | 6582R022 |
|        |    |      |    |    |          | 24mm | 30 | 35   | 18 | 90 | 6582R024 |

# Impact Sockets



## 12-Point Sockets - Extended Length, With Magnetic

### 1/2" Dr.,

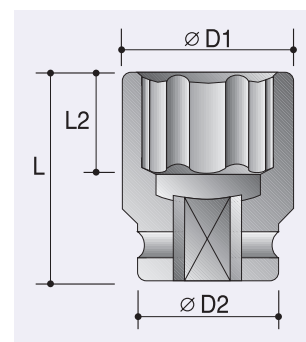
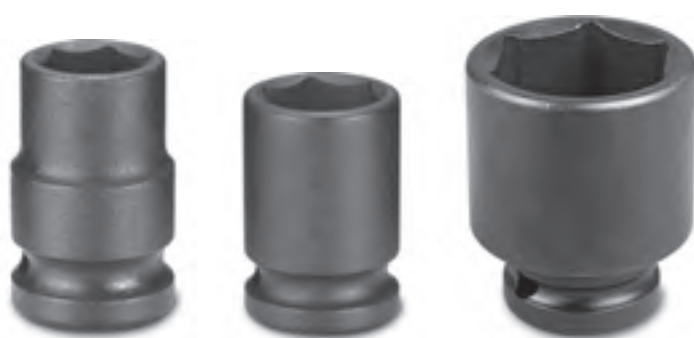
|         | D2 | D1   | L2 | L   |          | L   |          | L   |          | L   |          | L   |          |
|---------|----|------|----|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| size    | mm | mm   | mm | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      |
| 5/16"   | 25 | 15   | 4  | 125 | 65A2Q010 | 150 | 65A2R010 | 175 | 65A2S010 | 200 | 65A2T010 | 250 | 65A2V010 |
| 3/8"    | 25 | 17.5 | 4  | 125 | 65A2Q012 | 150 | 65A2R012 | 175 | 65A2S012 | 200 | 65A2T012 | 250 | 65A2V012 |
| 7/16"   | 25 | 18.5 | 5  | 125 | 65A2Q014 | 150 | 65A2R014 | 175 | 65A2S014 | 200 | 65A2T014 | 250 | 65A2V014 |
| 1/2"    | 25 | 21   | 6  | 125 | 65A2Q016 | 150 | 65A2R016 | 175 | 65A2S016 | 200 | 65A2T016 | 250 | 65A2V016 |
| 9/16"   | 25 | 22.5 | 6  | 125 | 65A2Q018 | 150 | 65A2R018 | 175 | 65A2S018 | 200 | 65A2T018 | 250 | 65A2V018 |
| 5/8"    | 28 | 25   | 7  | 125 | 65A2Q020 | 150 | 65A2R020 | 175 | 65A2S020 | 200 | 65A2T020 | 250 | 65A2V020 |
| 11/16"  | 30 | 27.5 | 8  | 125 | 65A2Q022 | 150 | 65A2R022 | 175 | 65A2S022 | 200 | 65A2T022 | 250 | 65A2V022 |
| 3/4"    | 30 | 28.5 | 8  | 125 | 65A2Q024 | 150 | 65A2R024 | 175 | 65A2S024 | 200 | 65A2T024 | 250 | 65A2V024 |
| 13/16"  | 30 | 31   | 9  | 125 | 65A2Q026 | 150 | 65A2R026 | 175 | 65A2S026 | 200 | 65A2T026 | 250 | 65A2V026 |
| 7/8"    | 30 | 32   | 9  | 125 | 65A2Q028 | 150 | 65A2R028 | 175 | 65A2S028 | 200 | 65A2T028 | 250 | 65A2V028 |
| 15/16"  | 30 | 35   | 10 | 125 | 65A2Q030 | 150 | 65A2R030 | 175 | 65A2S030 | 200 | 65A2T030 | 250 | 65A2V030 |
| 1"      | 30 | 38   | 11 | 125 | 65A2Q100 | 150 | 65A2R100 | 175 | 65A2S100 | 200 | 65A2T100 | 250 | 65A2V100 |
| 1-1/16" | 30 | 38.5 | 12 | 125 | 65A2Q102 | 150 | 65A2R102 | 175 | 65A2S102 | 200 | 65A2T102 | 250 | 65A2V102 |
| 8mm     | 25 | 15   | 4  | 125 | 65B2Q008 | 150 | 65B2R008 | 175 | 65B2S008 | 200 | 65B2T008 | 250 | 65B2V008 |
| 9mm     | 25 | 16   | 4  | 125 | 65B2Q009 | 150 | 65B2R009 | 175 | 65B2S009 | 200 | 65B2T009 | 250 | 65B2V009 |
| 10mm    | 25 | 17.5 | 4  | 125 | 65B2Q010 | 150 | 65B2R010 | 175 | 65B2S010 | 200 | 65B2T010 | 250 | 65B2V010 |
| 11mm    | 25 | 18.5 | 5  | 125 | 65B2Q011 | 150 | 65B2R011 | 175 | 65B2S011 | 200 | 65B2T011 | 250 | 65B2V011 |
| 12mm    | 25 | 20   | 5  | 125 | 65B2Q012 | 150 | 65B2R012 | 175 | 65B2S012 | 200 | 65B2T012 | 250 | 65B2V012 |
| 13mm    | 25 | 21   | 6  | 125 | 65B2Q013 | 150 | 65B2R013 | 175 | 65B2S013 | 200 | 65B2T013 | 250 | 65B2V013 |
| 14mm    | 25 | 22.5 | 6  | 125 | 65B2Q014 | 150 | 65B2R014 | 175 | 65B2S014 | 200 | 65B2T014 | 250 | 65B2V014 |
| 15mm    | 30 | 23.5 | 7  | 125 | 65B2Q015 | 150 | 65B2R015 | 175 | 65B2S015 | 200 | 65B2T015 | 250 | 65B2V015 |
| 16mm    | 30 | 25   | 7  | 125 | 65B2Q016 | 150 | 65B2R016 | 175 | 65B2S016 | 200 | 65B2T016 | 250 | 65B2V016 |
| 17mm    | 30 | 26   | 8  | 125 | 65B2Q017 | 150 | 65B2R017 | 175 | 65B2S017 | 200 | 65B2T017 | 250 | 65B2V017 |
| 18mm    | 30 | 27.5 | 8  | 125 | 65B2Q018 | 150 | 65B2R018 | 175 | 65B2S018 | 200 | 65B2T018 | 250 | 65B2V018 |
| 19mm    | 30 | 28.5 | 8  | 125 | 65B2Q019 | 150 | 65B2R019 | 175 | 65B2S019 | 200 | 65B2T019 | 250 | 65B2V019 |
| 20mm    | 30 | 30   | 8  | 125 | 65B2Q020 | 150 | 65B2R020 | 175 | 65B2S020 | 200 | 65B2T020 | 250 | 65B2V020 |
| 21mm    | 30 | 31   | 9  | 125 | 65B2Q021 | 150 | 65B2R021 | 175 | 65B2S021 | 200 | 65B2T021 | 250 | 65B2V021 |
| 22mm    | 30 | 32   | 9  | 125 | 65B2Q022 | 150 | 65B2R022 | 175 | 65B2S022 | 200 | 65B2T022 | 250 | 65B2V022 |
| 23mm    | 30 | 34   | 9  | 125 | 65B2Q023 | 150 | 65B2R023 | 175 | 65B2S023 | 200 | 65B2T023 | 250 | 65B2V023 |
| 24mm    | 30 | 35   | 10 | 125 | 65B2Q024 | 150 | 65B2R024 | 175 | 65B2S024 | 200 | 65B2T024 | 250 | 65B2V024 |
| 25mm    | 30 | 36   | 10 | 125 | 65B2Q025 | 150 | 65B2R025 | 175 | 65B2S025 | 200 | 65B2T025 | 250 | 65B2V025 |
| 26mm    | 30 | 38   | 11 | 125 | 65B2Q026 | 150 | 65B2R026 | 175 | 65B2S026 | 200 | 65B2T026 | 250 | 65B2V026 |
| 27mm    | 30 | 38.5 | 12 | 125 | 65B2Q027 | 150 | 65B2R027 | 175 | 65B2S027 | 200 | 65B2T027 | 250 | 65B2V027 |



# Thin Wall Sockets

|                |                            |
|----------------|----------------------------|
| 1/2" Sq. Dr.,  | 6-Point Thin Wall Sockets  |
| 3/4" Sq. Dr.,  | 6-Point Thin Wall Sockets  |
| 1" Sq. Dr.,    | 6-Point Thin Wall Sockets  |
| #5 Spline Dr., | 6-Point Thin Wall Sockets  |
| 1/2" Sq. Dr.,  | 12-Point Thin Wall Sockets |

# Impact Sockets



## 6-Point Sockets - Thin Wall

### 1/2" Dr.,

| size    | D2 | D1   | L2 | L  | No.      | size | D2 | D1   | L2 | L  | No.      |
|---------|----|------|----|----|----------|------|----|------|----|----|----------|
| mm      | mm | mm   | mm | mm |          | mm   | mm | mm   | mm | mm |          |
| 5/16"   | 25 | 13   | 6  | 38 | 61020010 | 8mm  | 25 | 13   | 6  | 38 | 61120008 |
| 3/8"    | 25 | 15   | 6  | 38 | 61020012 | 9mm  | 25 | 14.5 | 6  | 38 | 61120009 |
| 7/16"   | 25 | 17   | 8  | 38 | 61020014 | 10mm | 25 | 15.5 | 7  | 38 | 61120010 |
| 1/2"    | 25 | 18.7 | 9  | 38 | 61020016 | 11mm | 25 | 16.7 | 8  | 38 | 61120011 |
| 9/16"   | 25 | 21   | 11 | 38 | 61020018 | 12mm | 25 | 18   | 9  | 38 | 61120012 |
| 5/8"    | 28 | 23   | 11 | 38 | 61020020 | 13mm | 25 | 19.2 | 9  | 38 | 61120013 |
| 11/16"  | 30 | 24.5 | 11 | 38 | 61020022 | 14mm | 25 | 21   | 11 | 38 | 61120014 |
| 3/4"    | 30 | 26   | 13 | 38 | 61020024 | 15mm | 30 | 21.7 | 11 | 38 | 61120015 |
| 13/16"  | 30 | 28   | 15 | 38 | 61020026 | 16mm | 30 | 23   | 11 | 38 | 61120016 |
| 7/8"    | 30 | 30   | 15 | 38 | 61020028 | 17mm | 30 | 24   | 11 | 38 | 61120017 |
| 15/16"  | 30 | 32   | 18 | 45 | 61020030 | 18mm | 30 | 25   | 13 | 38 | 61120018 |
| 1"      | 30 | 34   | 18 | 50 | 61020100 | 19mm | 30 | 26   | 13 | 38 | 61120019 |
| 1-1/16" | 30 | 36   | 19 | 50 | 61020102 | 21mm | 30 | 28   | 15 | 38 | 61120021 |
| 1-1/8"  | 30 | 38   | 19 | 50 | 61020104 | 22mm | 30 | 29.5 | 15 | 38 | 61120022 |
| 1-3/16" | 30 | 40   | 21 | 50 | 61020106 | 23mm | 30 | 30.5 | 15 | 38 | 61120023 |
| 1-1/4"  | 30 | 42   | 22 | 50 | 61020108 | 24mm | 30 | 32   | 18 | 45 | 61120024 |
|         |    |      |    |    |          | 26mm | 30 | 35   | 18 | 50 | 61120026 |
|         |    |      |    |    |          | 27mm | 30 | 36   | 19 | 50 | 61120027 |
|         |    |      |    |    |          | 30mm | 30 | 40   | 21 | 50 | 61120030 |
|         |    |      |    |    |          | 32mm | 30 | 42   | 22 | 50 | 61120032 |
|         |    |      |    |    |          | 33mm | 30 | 43.5 | 24 | 50 | 61120033 |
|         |    |      |    |    |          | 34mm | 30 | 44.5 | 24 | 50 | 61120034 |
|         |    |      |    |    |          | 35mm | 30 | 46   | 24 | 50 | 61120035 |
|         |    |      |    |    |          | 36mm | 30 | 47   | 24 | 50 | 61120036 |
|         |    |      |    |    |          | 38mm | 38 | 49.5 | 24 | 50 | 61120038 |
|         |    |      |    |    |          | 39mm | 44 | 50.5 | 24 | 60 | 61120039 |
|         |    |      |    |    |          | 40mm | 44 | 52   | 24 | 60 | 61120040 |
|         |    |      |    |    |          | 41mm | 44 | 53   | 27 | 60 | 61120041 |
|         |    |      |    |    |          | 46mm | 44 | 59   | 30 | 70 | 61120046 |

## 6-Point Sockets - Thin Wall Deep

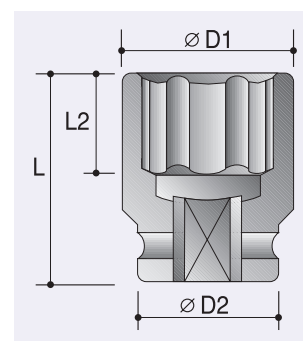
### 1/2" Dr.,

|         | D2 | D1   | L2 | L  |          |      | D2 | D1   | L2 | L  |          |
|---------|----|------|----|----|----------|------|----|------|----|----|----------|
| size    | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm | No.      |
| 5/16"   | 25 | 13   | 13 | 78 | 61022010 | 8mm  | 25 | 13   | 13 | 78 | 61A22008 |
| 3/8"    | 25 | 15   | 14 | 78 | 61022012 | 9mm  | 25 | 14.5 | 14 | 78 | 61A22009 |
| 7/16"   | 25 | 17   | 14 | 78 | 61022014 | 10mm | 25 | 15.5 | 14 | 78 | 61A22010 |
| 1/2"    | 25 | 18.7 | 14 | 78 | 61022016 | 11mm | 25 | 16.7 | 14 | 78 | 61A22011 |
| 9/16"   | 25 | 21   | 17 | 78 | 61022018 | 12mm | 25 | 18   | 14 | 78 | 61A22012 |
| 5/8"    | 28 | 23   | 17 | 78 | 61022020 | 13mm | 25 | 19.2 | 14 | 78 | 61A22013 |
| 11/16"  | 30 | 24.5 | 17 | 78 | 61022022 | 14mm | 25 | 21   | 17 | 78 | 61A22014 |
| 3/4"    | 30 | 26   | 19 | 78 | 61022024 | 15mm | 30 | 21.7 | 17 | 78 | 61A22015 |
| 13/16"  | 30 | 28   | 24 | 78 | 61022026 | 16mm | 30 | 23   | 17 | 78 | 61A22016 |
| 7/8"    | 30 | 30   | 24 | 78 | 61022028 | 17mm | 30 | 24   | 17 | 78 | 61A22017 |
| 15/16"  | 30 | 32   | 24 | 78 | 61022030 | 18mm | 30 | 25   | 17 | 78 | 61A22018 |
| 1"      | 30 | 34   | 24 | 78 | 61022100 | 19mm | 30 | 26   | 19 | 78 | 61A22019 |
| 1-1/16" | 30 | 36   | 24 | 78 | 61022102 | 21mm | 30 | 28   | 24 | 78 | 61A22021 |
| 1-1/8"  | 30 | 38   | 24 | 78 | 61022104 | 22mm | 30 | 29.5 | 24 | 78 | 61A22022 |
| 1-3/16" | 30 | 40   | 54 | 78 | 61022106 | 23mm | 30 | 30.5 | 24 | 78 | 61A22023 |
| 1-1/4"  | 30 | 42   | 54 | 78 | 61022108 | 24mm | 30 | 32   | 24 | 78 | 61A22024 |
|         |    |      |    |    |          | 26mm | 30 | 35   | 24 | 78 | 61A22026 |
|         |    |      |    |    |          | 27mm | 30 | 36   | 24 | 78 | 61A22027 |
|         |    |      |    |    |          | 30mm | 30 | 40   | 24 | 78 | 61A22030 |
|         |    |      |    |    |          | 32mm | 30 | 42   | 24 | 78 | 61A22032 |

## 6-Point Sockets - Extra Thin Wall

### 1/2" Dr.,

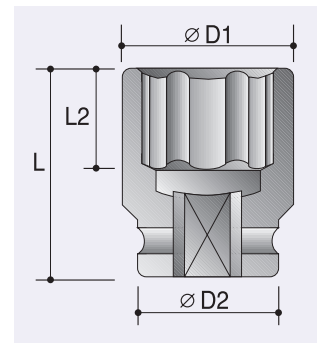
|      | D2   | D1   | L2 | L  |          |
|------|------|------|----|----|----------|
| size | mm   | mm   | mm | mm | No.      |
| 8mm  | 22   | 14   | 13 | 78 | 61122008 |
| 9mm  | 22   | 14.5 | 14 | 78 | 61122009 |
| 10mm | 22   | 15.5 | 14 | 78 | 61122010 |
| 11mm | 22   | 17   | 14 | 78 | 61122011 |
| 12mm | 22   | 18   | 14 | 78 | 61122012 |
| 13mm | 24   | 19.2 | 14 | 78 | 61122013 |
| 14mm | 24   | 21   | 17 | 78 | 61122014 |
| 15mm | 24   | 21.7 | 17 | 78 | 61122015 |
| 16mm | 24   | 23   | 17 | 78 | 61122016 |
| 17mm | 24.2 | 24.2 | 17 | 78 | 61122017 |
| 18mm | 25.5 | 25.5 | 17 | 78 | 61122018 |
| 19mm | 26.7 | 26.7 | 19 | 78 | 61122019 |
| 21mm | 29.2 | 29.2 | 24 | 78 | 61122021 |
| 22mm | 30   | 30   | 24 | 78 | 61122022 |
| 23mm | 31.7 | 31.7 | 24 | 78 | 61122023 |
| 24mm | 32   | 32   | 24 | 78 | 61122024 |
| 26mm | 35   | 35   | 24 | 78 | 61122026 |
| 27mm | 36   | 36   | 24 | 78 | 61122027 |
| 30mm | 38   | 40   | 24 | 78 | 61122030 |
| 32mm | 38   | 42   | 24 | 78 | 61122032 |



## 6-Point Sockets - Thin Wall

### □ 3/4" Dr.,

|         | D2   | D1   | L2 | L  |          |
|---------|------|------|----|----|----------|
| size    | mm   | mm   | mm | mm | No.      |
| 3/4"    | 35   | 28.6 | 13 | 50 | 6104C024 |
| 13/16"  | 35   | 31.8 | 15 | 52 | 6104C026 |
| 7/8"    | 35   | 33.3 | 15 | 52 | 6104C028 |
| 15/16"  | 35   | 34.9 | 16 | 52 | 6104C030 |
| 1"      | 36.5 | 36.5 | 16 | 52 | 6104C100 |
| 1-1/16" | 38   | 38.1 | 19 | 52 | 6104C102 |
| 1-1/8"  | 41.3 | 41.3 | 21 | 52 | 6104C104 |
| 1-3/16" | 41.3 | 41.3 | 21 | 52 | 6104C106 |
| 1-1/4"  | 44.5 | 44.5 | 22 | 52 | 6104C108 |
| 1-5/16" | 44.5 | 47.6 | 22 | 56 | 6104C110 |



## 6-Point Sockets - Thin Wall Deep

### □ 3/4" Dr.,

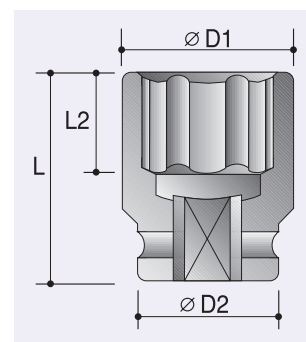
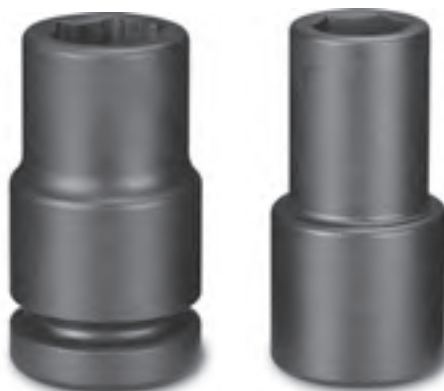
|         | D2 | D1   | L2 | L   |          |
|---------|----|------|----|-----|----------|
| size    | mm | mm   | mm | mm  | No.      |
| 1-1/4"  | 44 | 46.5 | 32 | 95  | 61041108 |
| 1-5/16" | 44 | 47.5 | 34 | 95  | 61041110 |
| 1-3/8"  | 44 | 51   | 35 | 95  | 61041112 |
| 1-1/2"  | 44 | 54   | 38 | 95  | 61041116 |
| 1-5/8"  | 44 | 57   | 38 | 95  | 61041120 |
| 1-1/16" | 43 | 40   | 43 | 108 | 61042102 |
| 1-1/8"  | 43 | 42   | 43 | 108 | 61042104 |
| 1-1/4"  | 45 | 45   | 43 | 108 | 61042108 |
| 17mm    | 44 | 25.5 | 17 | 95  | 61141017 |
| 19mm    | 44 | 28.5 | 19 | 95  | 61141019 |
| 22mm    | 44 | 33.5 | 22 | 95  | 61141022 |
| 24mm    | 44 | 36.5 | 24 | 95  | 61141024 |
| 27mm    | 44 | 40.5 | 27 | 95  | 61141027 |
| 30mm    | 44 | 43.5 | 30 | 95  | 61141030 |
| 32mm    | 44 | 46.5 | 32 | 95  | 61141032 |
| 33mm    | 44 | 47.5 | 33 | 95  | 61141033 |
| 35mm    | 44 | 51   | 35 | 95  | 61141035 |
| 36mm    | 44 | 52   | 36 | 95  | 61141036 |
| 38mm    | 44 | 54   | 38 | 95  | 61141038 |
| 41mm    | 44 | 57   | 38 | 95  | 61141041 |
| 27mm    | 43 | 40   | 43 | 108 | 61142027 |
| 32mm    | 45 | 45   | 43 | 108 | 61142032 |
| 36mm    | 45 | 51   | 43 | 108 | 61142036 |
| 41mm    | 45 | 54.5 | 43 | 108 | 61142041 |



6-Point Sockets - Thin Wall



6-Point Sockets - Thin Wall Deep



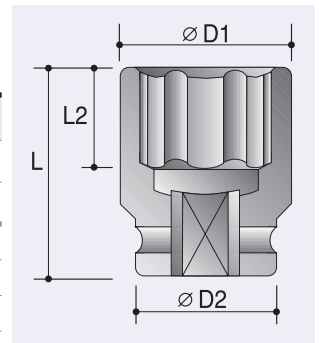
## 6-Point Sockets - Thin Wall Deep

| 1" Dr., |    |      |    |     |          | #5 Spline Dr., |    |      |    |     |          |
|---------|----|------|----|-----|----------|----------------|----|------|----|-----|----------|
|         | D2 | D1   | L2 | L   |          |                | D2 | D1   | L2 | L   |          |
| size    | mm | mm   | mm | mm  | No.      | size           | mm | mm   | mm | mm  | No.      |
| 1-1/16" | 51 | 42.5 | 43 | 108 | 61052102 | 1-1/16"        | 54 | 42.5 | 25 | 106 | 67101102 |
| 1-1/8"  | 51 | 43   | 43 | 108 | 61052104 | 1-1/8"         | 54 | 43   | 25 | 106 | 67101104 |
| 1-1/4"  | 51 | 47   | 43 | 108 | 61052108 | 1-1/4"         | 54 | 47   | 25 | 106 | 67101108 |
| 1-5/16" | 51 | 49   | 43 | 108 | 61052110 | 1-5/16"        | 54 | 49   | 25 | 106 | 67101110 |
| 1-1/2"  | 54 | 54   | 43 | 108 | 61052116 | 1-3/8"         | 54 | 51   | 25 | 108 | 67101112 |
| 1-3/4"  | 54 | 62   | 43 | 108 | 61052124 | 1-1/2"         | 54 | 54   | 25 | 108 | 67101116 |
| 19mm    | 54 | 33   | 19 | 100 | 61151019 | 1-5/8"         | 57 | 57   | 25 | 108 | 67101120 |
| 22mm    | 54 | 35   | 22 | 100 | 61151022 | 27mm           | 54 | 42.5 | 25 | 106 | 67106027 |
| 23mm    | 54 | 37   | 23 | 100 | 61151023 | 32mm           | 54 | 47   | 25 | 106 | 67106032 |
| 24mm    | 54 | 38   | 24 | 100 | 61151024 | 33mm           | 54 | 49   | 25 | 106 | 67106033 |
| 26mm    | 54 | 41   | 26 | 100 | 61151026 | 35mm           | 54 | 51   | 25 | 108 | 67106035 |
| 27mm    | 54 | 42   | 27 | 100 | 61151027 | 38mm           | 54 | 54   | 25 | 108 | 67106038 |
| 28mm    | 54 | 43   | 28 | 100 | 61151028 | 41mm           | 57 | 57   | 25 | 108 | 67106041 |
| 29mm    | 54 | 44   | 29 | 100 | 61151029 |                |    |      |    |     |          |
| 30mm    | 54 | 45   | 30 | 100 | 61151030 |                |    |      |    |     |          |
| 32mm    | 54 | 47   | 32 | 100 | 61151032 |                |    |      |    |     |          |
| 33mm    | 54 | 49   | 33 | 100 | 61151033 |                |    |      |    |     |          |
| 34mm    | 54 | 49   | 34 | 100 | 61151034 |                |    |      |    |     |          |
| 35mm    | 54 | 51   | 35 | 100 | 61151035 |                |    |      |    |     |          |
| 36mm    | 54 | 52   | 36 | 100 | 61151036 |                |    |      |    |     |          |
| 38mm    | 54 | 54   | 38 | 100 | 61151038 |                |    |      |    |     |          |
| 41mm    | 54 | 57   | 38 | 100 | 61151041 |                |    |      |    |     |          |
| 27mm    | 51 | 42.5 | 43 | 108 | 61152027 |                |    |      |    |     |          |
| 32mm    | 51 | 47   | 43 | 108 | 61152032 |                |    |      |    |     |          |
| 33mm    | 51 | 49   | 43 | 108 | 61152033 |                |    |      |    |     |          |
| 36mm    | 54 | 53   | 43 | 108 | 61152036 |                |    |      |    |     |          |
| 38mm    | 54 | 54   | 43 | 108 | 61152038 |                |    |      |    |     |          |
| 41mm    | 54 | 57   | 43 | 108 | 61152041 |                |    |      |    |     |          |

## 12-Point Sockets - Thin Wall

### 1/2" Dr.,

|         | D2 | D1   | L2 | L  |          |      | D2 | D1   | L2 | L  |          |
|---------|----|------|----|----|----------|------|----|------|----|----|----------|
| size    | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm | No.      |
| 5/16"   | 25 | 13   | 6  | 38 | 65E20010 | 8mm  | 25 | 13   | 6  | 38 | 65E25008 |
| 3/8"    | 25 | 15   | 6  | 38 | 65E20012 | 9mm  | 25 | 14.5 | 6  | 38 | 65E25009 |
| 7/16"   | 25 | 17   | 8  | 38 | 65E20014 | 10mm | 25 | 15.5 | 7  | 38 | 65E25010 |
| 1/2"    | 25 | 18.7 | 9  | 38 | 65E20016 | 11mm | 25 | 16.7 | 8  | 38 | 65E25011 |
| 9/16"   | 25 | 21   | 11 | 38 | 65E20018 | 12mm | 25 | 18   | 9  | 38 | 65E25012 |
| 5/8"    | 28 | 23   | 11 | 38 | 65E20020 | 13mm | 25 | 19.2 | 9  | 38 | 65E25013 |
| 11/16"  | 30 | 24.5 | 11 | 38 | 65E20022 | 14mm | 25 | 21   | 11 | 38 | 65E25014 |
| 3/4"    | 30 | 26   | 13 | 40 | 65E20024 | 15mm | 30 | 21.7 | 11 | 38 | 65E25015 |
| 13/16"  | 30 | 28   | 15 | 40 | 65E20026 | 16mm | 30 | 23   | 11 | 38 | 65E25016 |
| 7/8"    | 30 | 30   | 15 | 40 | 65E20028 | 17mm | 30 | 24   | 11 | 38 | 65E25017 |
| 15/16"  | 30 | 32   | 18 | 45 | 65E20030 | 18mm | 30 | 25   | 13 | 40 | 65E25018 |
| 1"      | 30 | 34   | 18 | 45 | 65E20100 | 19mm | 30 | 26   | 13 | 40 | 65E25019 |
| 1-1/16" | 30 | 36   | 19 | 50 | 65E20102 | 21mm | 30 | 28   | 15 | 40 | 65E25021 |
| 1-1/8"  | 30 | 38   | 19 | 50 | 65E20104 | 22mm | 30 | 29.5 | 15 | 40 | 65E25022 |
| 1-3/16" | 30 | 40   | 21 | 50 | 65E20106 | 23mm | 30 | 30.5 | 15 | 40 | 65E25023 |
| 1-1/4"  | 30 | 42   | 22 | 50 | 65E20108 | 24mm | 30 | 32   | 18 | 45 | 65E25024 |
|         |    |      |    |    |          | 26mm | 30 | 35   | 18 | 50 | 65E25026 |
|         |    |      |    |    |          | 27mm | 30 | 36   | 19 | 50 | 65E25027 |
|         |    |      |    |    |          | 30mm | 30 | 40   | 21 | 50 | 65E25030 |
|         |    |      |    |    |          | 32mm | 30 | 42   | 22 | 50 | 65E25032 |
|         |    |      |    |    |          | 33mm | 30 | 44.5 | 22 | 50 | 65E25033 |



12-Point Sockets - Thin Wall

## 12-Point Sockets - Thin Wall Deep

### 1/2" Dr.,

|         | D2 | D1   | L2 | L  |          |      | D2 | D1   | L2 | L  |          |
|---------|----|------|----|----|----------|------|----|------|----|----|----------|
| size    | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm | No.      |
| 5/16"   | 25 | 13   | 6  | 83 | 65E22010 | 8mm  | 25 | 13   | 6  | 83 | 65E27008 |
| 3/8"    | 25 | 15   | 6  | 83 | 65E22012 | 9mm  | 25 | 14.5 | 6  | 83 | 65E27009 |
| 7/16"   | 25 | 17   | 8  | 83 | 65E22014 | 10mm | 25 | 15.5 | 7  | 83 | 65E27010 |
| 1/2"    | 25 | 18.7 | 9  | 83 | 65E22016 | 11mm | 25 | 16.7 | 8  | 83 | 65E27011 |
| 9/16"   | 25 | 21   | 11 | 83 | 65E22018 | 12mm | 25 | 18   | 9  | 83 | 65E27012 |
| 5/8"    | 28 | 23   | 11 | 83 | 65E22020 | 13mm | 25 | 19.2 | 9  | 83 | 65E27013 |
| 11/16"  | 30 | 24.5 | 11 | 83 | 65E22022 | 14mm | 25 | 21   | 11 | 83 | 65E27014 |
| 3/4"    | 30 | 26   | 13 | 83 | 65E22024 | 15mm | 30 | 21.7 | 11 | 83 | 65E27015 |
| 13/16"  | 30 | 28   | 15 | 83 | 65E22026 | 16mm | 30 | 23   | 11 | 83 | 65E27016 |
| 7/8"    | 30 | 30   | 15 | 90 | 65E22028 | 17mm | 30 | 24   | 11 | 83 | 65E27017 |
| 15/16"  | 30 | 32   | 18 | 90 | 65E22030 | 18mm | 30 | 25   | 13 | 83 | 65E27018 |
| 1"      | 30 | 34   | 18 | 90 | 65E22100 | 19mm | 30 | 26   | 13 | 83 | 65E27019 |
| 1-1/16" | 30 | 36   | 19 | 90 | 65E22102 | 21mm | 30 | 28   | 15 | 83 | 65E27021 |
| 1-1/8"  | 30 | 38   | 19 | 90 | 65E22104 | 22mm | 30 | 29.5 | 15 | 90 | 65E27022 |
| 1-3/16" | 30 | 40   | 21 | 90 | 65E22106 | 23mm | 30 | 30.5 | 15 | 90 | 65E27023 |
| 1-1/4"  | 30 | 42   | 22 | 90 | 65E22108 | 24mm | 30 | 32   | 18 | 90 | 65E27024 |
|         |    |      |    |    |          | 26mm | 30 | 35   | 18 | 90 | 65E27026 |
|         |    |      |    |    |          | 27mm | 30 | 36   | 19 | 90 | 65E27027 |
|         |    |      |    |    |          | 30mm | 30 | 40   | 21 | 90 | 65E27030 |
|         |    |      |    |    |          | 32mm | 30 | 42   | 22 | 90 | 65E27032 |
|         |    |      |    |    |          | 33mm | 30 | 44.5 | 22 | 90 | 65E27033 |

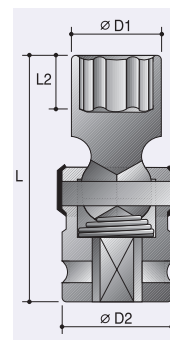


12-Point Sockets - Thin Wall Deep



# 6-Point Universal Sockets

1/4" Sq. Dr., 6-Point Universal Sockets  
3/8" Sq. Dr., 6-Point Universal Sockets  
1/2" Sq. Dr., 6-Point Universal Sockets  
3/4" Sq. Dr., 6-Point Universal Sockets  
1" Sq. Dr., 6-Point Universal Sockets



## 6-Point Universal Sockets

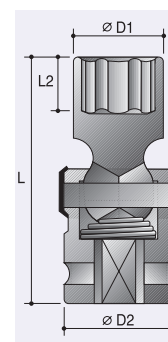
### 1/4" Dr.,

| size  | D2<br>mm | D1<br>mm | L2<br>mm | L<br>mm | Order No. |
|-------|----------|----------|----------|---------|-----------|
| 1/4"  | 15       | 10.3     | 6        | 43      | 62400008  |
| 5/16" | 15       | 12.5     | 8        | 43      | 62400010  |
| 3/8"  | 15       | 15       | 8        | 43      | 62400012  |
| 7/16" | 15       | 16.5     | 8        | 43      | 62400014  |
| 1/2"  | 16       | 18.8     | 8        | 48      | 62400016  |
| 9/16" | 16       | 19.8     | 8        | 48      | 62400018  |
| 5mm   | 15       | 8.8      | 5        | 43      | 62500050  |
| 5.5mm | 15       | 9.5      | 6        | 43      | 62500055  |
| 6mm   | 15       | 10       | 6        | 43      | 62500060  |
| 7mm   | 15       | 11.5     | 8        | 43      | 62500070  |
| 8mm   | 15       | 12.5     | 8        | 43      | 62500080  |
| 9mm   | 15       | 14       | 8        | 43      | 62500090  |
| 10mm  | 15       | 15       | 8        | 43      | 62500100  |
| 11mm  | 15       | 16.5     | 8        | 43      | 62500110  |
| 12mm  | 16       | 16.8     | 8        | 48      | 62500120  |
| 13mm  | 16       | 18.8     | 8        | 48      | 62500130  |
| 14mm  | 16       | 19.8     | 8        | 48      | 62500140  |
| 15mm  | 16       | 20.8     | 8        | 48      | 62500150  |



6-Point Universal Sockets

6-Point Universal Sockets - Deep



## 6-Point Universal Sockets

### □ 3/8" Dr.,

| size   | D2 | D1 | L2 | L  | No.      | size | D2 | D1 | L2 | L  | No.      |
|--------|----|----|----|----|----------|------|----|----|----|----|----------|
| size   | mm | mm | mm | mm | No.      | size | mm | mm | mm | mm | No.      |
| 5/16"  | 24 | 14 | 9  | 53 | 62210010 | 9mm  | 24 | 15 | 9  | 53 | 62310009 |
| 3/8"   | 24 | 15 | 9  | 53 | 62210012 | 10mm | 24 | 15 | 9  | 53 | 62310010 |
| 7/16"  | 24 | 17 | 9  | 53 | 62210014 | 11mm | 24 | 17 | 9  | 53 | 62310011 |
| 1/2"   | 24 | 18 | 11 | 53 | 62210016 | 12mm | 24 | 19 | 12 | 53 | 62310012 |
| 9/16"  | 24 | 21 | 11 | 53 | 62210018 | 13mm | 24 | 19 | 13 | 53 | 62310013 |
| 5/8"   | 24 | 23 | 11 | 53 | 62210020 | 14mm | 24 | 21 | 13 | 53 | 62310014 |
| 11/16" | 24 | 25 | 11 | 53 | 62210022 | 15mm | 24 | 22 | 13 | 53 | 62310015 |
| 3/4"   | 24 | 27 | 11 | 53 | 62210024 | 16mm | 24 | 23 | 13 | 53 | 62310016 |
| 13/16" | 24 | 30 | 11 | 53 | 62210026 | 17mm | 24 | 25 | 13 | 53 | 62310017 |
| 7/8"   | 24 | 32 | 11 | 53 | 62210028 | 18mm | 24 | 25 | 13 | 53 | 62310018 |
| 15/16" | 24 | 34 | 11 | 53 | 62210030 | 19mm | 24 | 27 | 13 | 53 | 62310019 |
| 1"     | 24 | 36 | 11 | 53 | 62210100 | 20mm | 24 | 30 | 13 | 53 | 62310020 |
|        |    |    |    |    |          | 21mm | 24 | 30 | 13 | 53 | 62310021 |
|        |    |    |    |    |          | 22mm | 24 | 32 | 13 | 53 | 62310022 |

## 6-Point Universal Sockets - Deep

### □ 3/8" Dr.,

| size   | D2 | D1 | L2 | L  | No.      | size | D2 | D1 | L2 | L  | No.      |
|--------|----|----|----|----|----------|------|----|----|----|----|----------|
| size   | mm | mm | mm | mm | No.      | size | mm | mm | mm | mm | No.      |
| 5/16"  | 24 | 14 | 12 | 74 | 62211010 | 9mm  | 24 | 15 | 20 | 78 | 62311009 |
| 3/8"   | 24 | 15 | 20 | 78 | 62211012 | 10mm | 24 | 15 | 20 | 78 | 62311010 |
| 7/16"  | 24 | 17 | 20 | 80 | 62211014 | 11mm | 24 | 17 | 20 | 80 | 62311011 |
| 1/2"   | 24 | 18 | 20 | 80 | 62211016 | 12mm | 24 | 19 | 20 | 80 | 62311012 |
| 9/16"  | 24 | 19 | 20 | 80 | 62211018 | 13mm | 24 | 19 | 20 | 80 | 62311013 |
| 5/8"   | 24 | 23 | 20 | 80 | 62211020 | 14mm | 24 | 21 | 20 | 80 | 62311014 |
| 11/16" | 24 | 25 | 20 | 80 | 62211022 | 15mm | 24 | 22 | 20 | 80 | 62311015 |
| 3/4"   | 24 | 27 | 25 | 80 | 62211024 | 16mm | 24 | 23 | 20 | 80 | 62311016 |
| 13/16" | 24 | 30 | 25 | 80 | 62211026 | 17mm | 24 | 25 | 20 | 80 | 62311017 |
| 7/8"   | 24 | 32 | 25 | 80 | 62211028 | 18mm | 24 | 25 | 20 | 80 | 62311018 |
| 15/16" | 24 | 34 | 25 | 80 | 62211030 | 19mm | 24 | 27 | 25 | 80 | 62311019 |
| 1"     | 24 | 36 | 25 | 80 | 62211100 | 20mm | 24 | 30 | 25 | 80 | 62311020 |
|        |    |    |    |    |          | 21mm | 24 | 30 | 25 | 80 | 62311021 |
|        |    |    |    |    |          | 22mm | 24 | 32 | 25 | 80 | 62311022 |

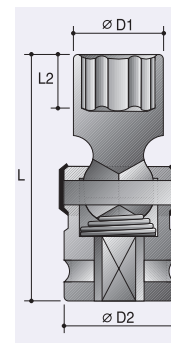
# Impact Sockets



6-Point Universal Sockets



6-Point Universal Sockets - Deep



## 6-Point Universal Sockets

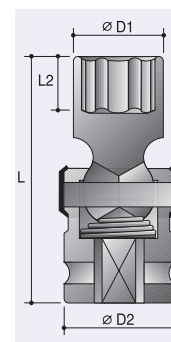
### 1/2" Dr.,

|         | D2 | D1 | L2 | L  |          |      | D2 | D1 | L2 | L  |          |
|---------|----|----|----|----|----------|------|----|----|----|----|----------|
| size    | mm | mm | mm | mm | No.      | size | mm | mm | mm | mm | No.      |
| 3/8"    | 28 | 15 | 13 | 65 | 62220012 | 10mm | 28 | 15 | 13 | 65 | 62320010 |
| 7/16"   | 28 | 17 | 13 | 65 | 62220014 | 11mm | 28 | 17 | 13 | 65 | 62320011 |
| 1/2"    | 28 | 19 | 13 | 65 | 62220016 | 12mm | 28 | 19 | 13 | 65 | 62320012 |
| 9/16"   | 28 | 22 | 13 | 65 | 62220018 | 13mm | 28 | 20 | 13 | 65 | 62320013 |
| 5/8"    | 28 | 23 | 13 | 65 | 62220020 | 14mm | 28 | 22 | 13 | 65 | 62320014 |
| 11/16"  | 32 | 26 | 13 | 65 | 62220022 | 15mm | 28 | 23 | 13 | 65 | 62320015 |
| 3/4"    | 32 | 28 | 13 | 65 | 62220024 | 16mm | 28 | 23 | 13 | 65 | 62320016 |
| 13/16"  | 32 | 30 | 13 | 65 | 62220026 | 17mm | 32 | 26 | 13 | 65 | 62320017 |
| 7/8"    | 32 | 32 | 13 | 65 | 62220028 | 18mm | 32 | 26 | 13 | 65 | 62320018 |
| 15/16"  | 32 | 34 | 13 | 65 | 62220030 | 19mm | 32 | 28 | 13 | 65 | 62320019 |
| 1"      | 32 | 36 | 13 | 65 | 62220100 | 20mm | 32 | 30 | 13 | 65 | 62320020 |
| 1-1/16" | 32 | 38 | 13 | 65 | 62220102 | 21mm | 32 | 30 | 13 | 65 | 62320021 |
| 1-1/8"  | 32 | 40 | 18 | 70 | 62220104 | 22mm | 32 | 32 | 13 | 65 | 62320022 |
| 1-3/16" | 32 | 42 | 20 | 72 | 62220106 | 23mm | 32 | 32 | 13 | 65 | 62320023 |
| 1-1/4"  | 32 | 44 | 20 | 72 | 62220108 | 24mm | 32 | 34 | 13 | 65 | 62320024 |

## 6-Point Universal Sockets - Deep

### 1/2" Dr.,

|         | D2 | D1 | L2 | L  |          |      | D2 | D1 | L2 | L  |          |
|---------|----|----|----|----|----------|------|----|----|----|----|----------|
| size    | mm | mm | mm | mm | No.      | size | mm | mm | mm | mm | No.      |
| 3/8"    | 28 | 15 | 14 | 90 | 62221012 | 10mm | 28 | 15 | 14 | 90 | 62321010 |
| 7/16"   | 28 | 17 | 20 | 90 | 62221014 | 11mm | 28 | 17 | 20 | 90 | 62321011 |
| 1/2"    | 28 | 19 | 20 | 90 | 62221016 | 12mm | 28 | 19 | 20 | 90 | 62321012 |
| 9/16"   | 28 | 22 | 20 | 90 | 62221018 | 13mm | 28 | 20 | 20 | 90 | 62321013 |
| 5/8"    | 28 | 23 | 20 | 90 | 62221020 | 14mm | 28 | 22 | 20 | 90 | 62321014 |
| 11/16"  | 32 | 26 | 20 | 90 | 62221022 | 15mm | 28 | 23 | 20 | 90 | 62321015 |
| 3/4"    | 32 | 28 | 25 | 90 | 62221024 | 16mm | 28 | 23 | 20 | 90 | 62321016 |
| 13/16"  | 32 | 30 | 25 | 90 | 62221026 | 17mm | 32 | 26 | 20 | 90 | 62321017 |
| 7/8"    | 32 | 32 | 25 | 90 | 62221028 | 18mm | 32 | 26 | 20 | 90 | 62321018 |
| 15/16"  | 32 | 34 | 25 | 90 | 62221030 | 19mm | 32 | 28 | 25 | 90 | 62321019 |
| 1"      | 32 | 36 | 25 | 90 | 62221100 | 20mm | 32 | 30 | 25 | 90 | 62321020 |
| 1-1/16" | 32 | 38 | 25 | 90 | 62221102 | 21mm | 32 | 30 | 25 | 90 | 62321021 |
| 1-1/8"  | 32 | 40 | 25 | 90 | 62221104 | 22mm | 32 | 32 | 25 | 90 | 62321022 |
| 1-3/16" | 32 | 42 | 25 | 90 | 62221106 | 23mm | 32 | 32 | 25 | 90 | 62321023 |
| 1-1/4"  | 32 | 44 | 25 | 90 | 62221108 | 24mm | 32 | 34 | 25 | 90 | 62321024 |

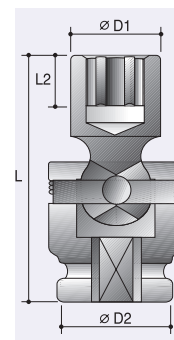


## 6-Point Universal Sockets

### □ 3/4" Dr.,

| size     | D2 | D1   | L2 | L   | No.      | size | D2 | D1   | L2 | L   | No.      |
|----------|----|------|----|-----|----------|------|----|------|----|-----|----------|
| mm       | mm | mm   | mm | mm  |          | mm   | mm | mm   | mm | mm  |          |
| 3/4"     | 44 | 32   | 13 | 95  | 62240024 | 19mm | 44 | 32   | 13 | 95  | 62340019 |
| 13/16"   | 44 | 35   | 14 | 95  | 62240026 | 20mm | 44 | 34   | 14 | 95  | 62340020 |
| 7/8"     | 44 | 37   | 14 | 95  | 62240028 | 21mm | 44 | 35   | 14 | 95  | 62340021 |
| 15/16"   | 44 | 39   | 15 | 95  | 62240030 | 22mm | 44 | 37   | 14 | 95  | 62340022 |
| 1"       | 44 | 41   | 16 | 100 | 62240100 | 23mm | 44 | 38   | 14 | 95  | 62340023 |
| 1-1/16"  | 44 | 43   | 17 | 100 | 62240102 | 24mm | 44 | 39   | 15 | 95  | 62340024 |
| 1-1/8"   | 44 | 44   | 18 | 100 | 62240104 | 25mm | 44 | 41   | 16 | 100 | 62340025 |
| 1-3/16"  | 44 | 47   | 18 | 100 | 62240106 | 26mm | 44 | 42   | 16 | 100 | 62340026 |
| 1-1/4"   | 44 | 49   | 20 | 105 | 62240108 | 27mm | 44 | 43   | 17 | 100 | 62340027 |
| 1-5/16"  | 44 | 51   | 21 | 105 | 62240110 | 28mm | 44 | 44   | 18 | 100 | 62340028 |
| 1-3/8"   | 44 | 53   | 22 | 105 | 62240112 | 29mm | 44 | 46   | 18 | 100 | 62340029 |
| 1-7/16"  | 44 | 54   | 23 | 110 | 62240114 | 30mm | 44 | 47   | 18 | 100 | 62340030 |
| 1-1/2"   | 44 | 57   | 24 | 110 | 62240116 | 31mm | 44 | 48   | 19 | 105 | 62340031 |
| 1-9/16"  | 44 | 60   | 24 | 110 | 62240118 | 32mm | 44 | 49   | 20 | 105 | 62340032 |
| 1-5/8"   | 44 | 60   | 27 | 115 | 62240120 | 33mm | 44 | 51   | 21 | 105 | 62340033 |
| 1-11/16" | 44 | 63.5 | 27 | 115 | 62240122 | 34mm | 44 | 52   | 22 | 105 | 62340034 |
| 1-3/4"   | 44 | 64.5 | 30 | 115 | 62240124 | 35mm | 44 | 53   | 22 | 105 | 62340035 |
| 1-13/16" | 44 | 66.5 | 30 | 115 | 62240126 | 36mm | 44 | 54   | 23 | 110 | 62340036 |
| 1-7/8"   | 44 | 68   | 30 | 115 | 62240128 | 37mm | 44 | 56   | 24 | 110 | 62340037 |
|          |    |      |    |     |          | 38mm | 44 | 57   | 24 | 110 | 62340038 |
|          |    |      |    |     |          | 39mm | 44 | 59   | 24 | 110 | 62340039 |
|          |    |      |    |     |          | 40mm | 44 | 60   | 24 | 110 | 62340040 |
|          |    |      |    |     |          | 41mm | 44 | 60   | 27 | 115 | 62340041 |
|          |    |      |    |     |          | 42mm | 44 | 62   | 27 | 115 | 62340042 |
|          |    |      |    |     |          | 43mm | 44 | 63.5 | 27 | 115 | 62340043 |
|          |    |      |    |     |          | 44mm | 44 | 64.5 | 30 | 115 | 62340044 |
|          |    |      |    |     |          | 45mm | 44 | 66   | 30 | 115 | 62340045 |
|          |    |      |    |     |          | 46mm | 44 | 66.5 | 30 | 115 | 62340046 |

# Impact Sockets



## 6-Point Universal Sockets

### 1" Dr.,

| size     | D2 | D1 | L2 | L   | No.      | size | D2 | D1 | L2 | L   | No.      |
|----------|----|----|----|-----|----------|------|----|----|----|-----|----------|
| mm       | mm | mm | mm | mm  |          | mm   | mm | mm | mm | mm  |          |
| 7/8"     | 58 | 39 | 20 | 132 | 65550028 | 24mm | 58 | 40 | 20 | 132 | 65555024 |
| 15/16"   | 58 | 40 | 20 | 132 | 65550030 | 26mm | 58 | 42 | 20 | 132 | 65555026 |
| 1"       | 58 | 42 | 20 | 132 | 65550100 | 27mm | 58 | 44 | 20 | 132 | 65555027 |
| 1-1/16"  | 58 | 44 | 20 | 132 | 65550102 | 29mm | 58 | 48 | 20 | 132 | 65555029 |
| 1-1/8"   | 58 | 46 | 20 | 132 | 65550104 | 30mm | 58 | 50 | 20 | 132 | 65555030 |
| 1-3/16"  | 58 | 50 | 20 | 132 | 65550106 | 32mm | 58 | 52 | 20 | 132 | 65555032 |
| 1-1/4"   | 58 | 52 | 20 | 132 | 65550108 | 33mm | 58 | 53 | 21 | 132 | 65555033 |
| 1-5/16"  | 58 | 55 | 21 | 132 | 65550110 | 34mm | 58 | 55 | 21 | 132 | 65555034 |
| 1-3/8"   | 58 | 55 | 23 | 132 | 65550112 | 35mm | 58 | 55 | 23 | 132 | 65555035 |
| 1-7/16"  | 58 | 56 | 23 | 132 | 65550114 | 36mm | 58 | 56 | 23 | 132 | 65555036 |
| 1-1/2"   | 58 | 59 | 24 | 137 | 65550116 | 38mm | 58 | 59 | 24 | 137 | 65555038 |
| 1-9/16"  | 58 | 62 | 24 | 137 | 65550118 | 41mm | 58 | 63 | 26 | 137 | 65555041 |
| 1-5/8"   | 58 | 63 | 26 | 137 | 65550120 | 42mm | 58 | 64 | 26 | 137 | 65555042 |
| 1-11/16" | 58 | 66 | 26 | 137 | 65550122 | 43mm | 58 | 66 | 26 | 137 | 65555043 |
| 1-3/4"   | 58 | 68 | 30 | 142 | 65550124 | 44mm | 58 | 67 | 26 | 137 | 65555044 |
| 1-13/16" | 58 | 69 | 30 | 142 | 65550126 | 45mm | 58 | 68 | 30 | 142 | 65555045 |
| 1-7/8"   | 58 | 73 | 30 | 142 | 65550128 | 46mm | 58 | 69 | 30 | 142 | 65555046 |
| 1-15/16" | 58 | 74 | 31 | 142 | 65550130 | 47mm | 58 | 72 | 30 | 142 | 65555047 |
| 2"       | 58 | 76 | 31 | 142 | 65550200 | 48mm | 58 | 73 | 30 | 142 | 65555048 |
|          |    |    |    |     |          | 50mm | 58 | 74 | 31 | 142 | 65555050 |



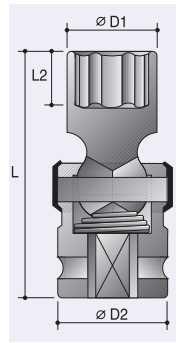
# 12-Point Universal Sockets

3/8" Sq. Dr., 12-Point Universal Sockets  
1/2" Sq. Dr., 12-Point Universal Sockets

## 12-Point Universal Sockets

### 3/8" Dr.,

|        | D2 | D1 | L2 | L  |          |      | D2 | D1 | L2 | L  |          |
|--------|----|----|----|----|----------|------|----|----|----|----|----------|
| size   | mm | mm | mm | mm | No.      | size | mm | mm | mm | mm | No.      |
| 5/16"  | 24 | 14 | 9  | 53 | 62610010 | 8mm  | 24 | 14 | 9  | 53 | 62710008 |
| 3/8"   | 24 | 15 | 9  | 53 | 62610012 | 9mm  | 24 | 15 | 9  | 53 | 62710009 |
| 7/16"  | 24 | 17 | 9  | 53 | 62610014 | 10mm | 24 | 15 | 9  | 53 | 62710010 |
| 1/2"   | 24 | 19 | 11 | 53 | 62610016 | 11mm | 24 | 17 | 9  | 53 | 62710011 |
| 9/16"  | 24 | 21 | 11 | 53 | 62610018 | 12mm | 24 | 19 | 11 | 53 | 62710012 |
| 5/8"   | 24 | 23 | 11 | 53 | 62610020 | 13mm | 24 | 19 | 11 | 53 | 62710013 |
| 11/16" | 24 | 25 | 11 | 53 | 62610022 | 14mm | 24 | 21 | 11 | 53 | 62710014 |
| 3/4"   | 24 | 27 | 11 | 53 | 62610024 | 15mm | 24 | 22 | 11 | 53 | 62710015 |
| 13/16" | 24 | 30 | 11 | 53 | 62610026 | 16mm | 24 | 23 | 11 | 53 | 62710016 |
| 7/8"   | 24 | 32 | 11 | 53 | 62610028 | 17mm | 24 | 25 | 11 | 53 | 62710017 |
| 15/16" | 24 | 34 | 11 | 53 | 62610030 | 18mm | 24 | 25 | 11 | 53 | 62710018 |
| 1"     | 24 | 36 | 11 | 53 | 62610100 | 19mm | 24 | 27 | 11 | 53 | 62710019 |
|        |    |    |    |    |          | 20mm | 24 | 30 | 11 | 53 | 62710020 |
|        |    |    |    |    |          | 21mm | 24 | 30 | 11 | 53 | 62710021 |
|        |    |    |    |    |          | 22mm | 24 | 32 | 11 | 53 | 62710022 |
|        |    |    |    |    |          | 23mm | 24 | 34 | 11 | 53 | 62710023 |
|        |    |    |    |    |          | 24mm | 24 | 35 | 11 | 53 | 62710024 |



12-Point Universal Sockets

## 12-Point Universal Sockets - Deep

### 3/8" Dr.,

|        | D2 | D1 | L2 | L  |          |      | D2 | D1 | L2 | L  |          |
|--------|----|----|----|----|----------|------|----|----|----|----|----------|
| size   | mm | mm | mm | mm | No.      | size | mm | mm | mm | mm | No.      |
| 1/4"   | 24 | 14 | 12 | 74 | 62611008 | 9mm  | 24 | 15 | 20 | 78 | 62711009 |
| 5/16"  | 24 | 14 | 12 | 74 | 62611010 | 10mm | 24 | 15 | 20 | 78 | 62711010 |
| 3/8"   | 24 | 15 | 20 | 78 | 62611012 | 11mm | 24 | 17 | 20 | 80 | 62711011 |
| 7/16"  | 24 | 17 | 20 | 80 | 62611014 | 12mm | 24 | 19 | 20 | 80 | 62711012 |
| 1/2"   | 24 | 19 | 20 | 80 | 62611016 | 13mm | 24 | 19 | 20 | 80 | 62711013 |
| 9/16"  | 24 | 21 | 20 | 80 | 62611018 | 14mm | 24 | 21 | 20 | 80 | 62711014 |
| 5/8"   | 24 | 23 | 20 | 80 | 62611020 | 15mm | 24 | 22 | 20 | 80 | 62711015 |
| 11/16" | 24 | 25 | 20 | 80 | 62611022 | 16mm | 24 | 23 | 20 | 80 | 62711016 |
| 3/4"   | 24 | 27 | 25 | 80 | 62611024 | 17mm | 24 | 25 | 20 | 80 | 62711017 |
| 13/16" | 24 | 30 | 25 | 80 | 62611026 | 18mm | 24 | 25 | 20 | 80 | 62711018 |
| 7/8"   | 24 | 32 | 25 | 80 | 62611028 | 19mm | 24 | 27 | 25 | 80 | 62711019 |
| 15/16" | 24 | 34 | 25 | 80 | 62611030 | 20mm | 24 | 30 | 25 | 80 | 62711020 |
| 1"     | 24 | 36 | 25 | 80 | 62611100 | 21mm | 24 | 30 | 25 | 80 | 62711021 |
|        |    |    |    |    |          | 22mm | 24 | 32 | 25 | 80 | 62711022 |
|        |    |    |    |    |          | 23mm | 24 | 34 | 25 | 80 | 62711023 |
|        |    |    |    |    |          | 24mm | 24 | 35 | 25 | 80 | 62711024 |

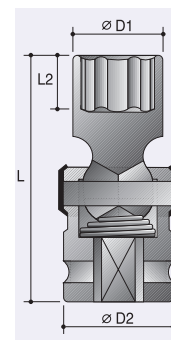


12-Point Universal Sockets - Deep

## 12-Point Universal Sockets

### □ 1/2" Dr.,

|         | D2 | D1 | L2 | L  |          |      | D2 | D1 | L2 | L  |          |
|---------|----|----|----|----|----------|------|----|----|----|----|----------|
| size    | mm | mm | mm | mm | No.      | size | mm | mm | mm | mm | No.      |
| 3/8"    | 28 | 15 | 13 | 65 | 62620012 | 10mm | 28 | 15 | 13 | 65 | 62720010 |
| 7/16"   | 28 | 17 | 13 | 65 | 62620014 | 11mm | 28 | 17 | 13 | 65 | 62720011 |
| 1/2"    | 28 | 19 | 13 | 65 | 62620016 | 12mm | 28 | 19 | 13 | 65 | 62720012 |
| 9/16"   | 28 | 22 | 13 | 65 | 62620018 | 13mm | 28 | 20 | 13 | 65 | 62720013 |
| 5/8"    | 28 | 23 | 13 | 65 | 62620020 | 14mm | 28 | 22 | 13 | 65 | 62720014 |
| 11/16"  | 32 | 26 | 13 | 65 | 62620022 | 15mm | 28 | 23 | 13 | 65 | 62720015 |
| 3/4"    | 32 | 28 | 13 | 65 | 62620024 | 16mm | 28 | 23 | 13 | 65 | 62720016 |
| 13/16"  | 32 | 30 | 13 | 65 | 62620026 | 17mm | 32 | 26 | 13 | 65 | 62720017 |
| 7/8"    | 32 | 32 | 13 | 65 | 62620028 | 18mm | 32 | 26 | 13 | 65 | 62720018 |
| 15/16"  | 32 | 34 | 13 | 65 | 62620030 | 19mm | 32 | 28 | 13 | 65 | 62720019 |
| 1"      | 32 | 36 | 13 | 65 | 62620100 | 20mm | 32 | 30 | 13 | 65 | 62720020 |
| 1-1/16" | 32 | 38 | 13 | 65 | 62620102 | 21mm | 32 | 30 | 13 | 65 | 62720021 |
| 1-1/8"  | 32 | 40 | 18 | 70 | 62620104 | 22mm | 32 | 32 | 13 | 65 | 62720022 |
| 1-3/16" | 32 | 42 | 20 | 72 | 62620106 | 23mm | 32 | 32 | 13 | 65 | 62720023 |
| 1-1/4"  | 32 | 44 | 20 | 72 | 62620108 | 24mm | 32 | 34 | 13 | 65 | 62720024 |



12-Point Universal Sockets

## 12-Point Universal Sockets - Deep

### □ 1/2" Dr.,

|         | D2 | D1 | L2 | L  |          |      | D2 | D1 | L2 | L  |          |
|---------|----|----|----|----|----------|------|----|----|----|----|----------|
| size    | mm | mm | mm | mm | No.      | size | mm | mm | mm | mm | No.      |
| 3/8"    | 28 | 15 | 14 | 90 | 62621012 | 10mm | 28 | 15 | 14 | 90 | 62721010 |
| 7/16"   | 28 | 17 | 20 | 90 | 62621014 | 11mm | 28 | 17 | 20 | 90 | 62721011 |
| 1/2"    | 28 | 19 | 20 | 90 | 62621016 | 12mm | 28 | 19 | 20 | 90 | 62721012 |
| 9/16"   | 28 | 22 | 20 | 90 | 62621018 | 13mm | 28 | 20 | 20 | 90 | 62721013 |
| 5/8"    | 28 | 23 | 20 | 90 | 62621020 | 14mm | 28 | 22 | 20 | 90 | 62721014 |
| 11/16"  | 32 | 26 | 20 | 90 | 62621022 | 15mm | 28 | 23 | 20 | 90 | 62721015 |
| 3/4"    | 32 | 28 | 25 | 90 | 62621024 | 16mm | 28 | 23 | 20 | 90 | 62721016 |
| 13/16"  | 32 | 30 | 25 | 90 | 62621026 | 17mm | 32 | 26 | 20 | 90 | 62721017 |
| 7/8"    | 32 | 32 | 25 | 90 | 62621028 | 18mm | 32 | 26 | 20 | 90 | 62721018 |
| 15/16"  | 32 | 34 | 25 | 90 | 62621030 | 19mm | 32 | 28 | 25 | 90 | 62721019 |
| 1"      | 32 | 36 | 25 | 90 | 62621100 | 20mm | 32 | 30 | 25 | 90 | 62721020 |
| 1-1/16" | 32 | 38 | 25 | 90 | 62621102 | 21mm | 32 | 30 | 25 | 90 | 62721021 |
| 1-1/8"  | 32 | 40 | 25 | 90 | 62621104 | 22mm | 32 | 32 | 25 | 90 | 62721022 |
| 1-3/16" | 32 | 42 | 25 | 90 | 62621106 | 23mm | 32 | 32 | 25 | 90 | 62721023 |
| 1-1/4"  | 32 | 44 | 25 | 90 | 62621108 | 24mm | 32 | 34 | 25 | 90 | 62721024 |



12-Point Universal Sockets - Deep





# 6-Point Surface Drive Sockets

|                 |                                  |
|-----------------|----------------------------------|
| 1/4" Sq. Dr.,   | Surface Drive Sockets            |
| 3/8" Sq. Dr.,   | Surface Drive Sockets            |
| 1/2" Sq. Dr.,   | Surface Drive Sockets            |
| 3/4" Sq. Dr.,   | Surface Drive Sockets            |
| 3/8" Sq. Dr.,   | Thin Wall Surface Drive Sockets  |
| 1/2" Sq. Dr.,   | Thin Wall Surface Drive Sockets  |
| 1" Sq. Dr.,     | Thin Wall Surface Drive Sockets  |
| 1-1/2" Sq. Dr., | Thin Wall Surface Drive Sockets  |
| 1/4" Sq. Dr.,   | Surface Drive Sockets - Magnetic |
| 3/8" Sq. Dr.,   | Surface Drive Sockets - Magnetic |
| 1/2" Sq. Dr.,   | Surface Drive Sockets - Magnetic |

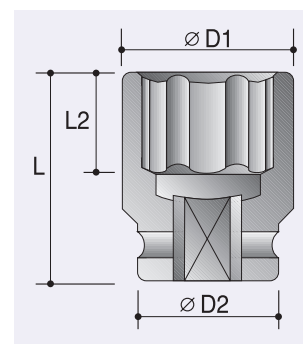
# Impact Sockets



6-Point Sockets



6-Point Sockets - Deep



## Surface Drive Impact Sockets

### 6-Point Sockets

### 6-Point Sockets - Deep

□ 1/4" Dr.,

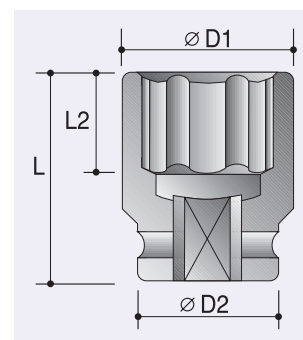
|        | D2 | D1   | L2 | L  | No.      |        | D2 | D1   | L2 | L  | No.      |
|--------|----|------|----|----|----------|--------|----|------|----|----|----------|
| size   | mm | mm   | mm | mm |          | size   | mm | mm   | mm | mm |          |
| 3/16"  | 13 | 8.5  | 5  | 23 | 63400006 | 3/16"  | 13 | 8.5  | 6  | 50 | 63402006 |
| 7/32"  | 13 | 9.5  | 5  | 23 | 63400007 | 7/32"  | 13 | 9.5  | 6  | 50 | 63402007 |
| 1/4"   | 13 | 10.3 | 6  | 23 | 63400008 | 1/4"   | 13 | 10.3 | 7  | 50 | 63402008 |
| 9/32"  | 13 | 11.3 | 6  | 23 | 63400009 | 9/32"  | 13 | 11.3 | 7  | 50 | 63402009 |
| 5/16"  | 13 | 12.5 | 7  | 23 | 63400010 | 5/16"  | 13 | 12.5 | 9  | 50 | 63402010 |
| 11/32" | 13 | 13.8 | 7  | 23 | 63400011 | 11/32" | 13 | 13.8 | 9  | 50 | 63402011 |
| 3/8"   | 13 | 15   | 7  | 23 | 63400012 | 3/8"   | 13 | 15   | 9  | 50 | 63402012 |
| 7/16"  | 13 | 16.3 | 8  | 23 | 63400014 | 7/16"  | 13 | 16.3 | 9  | 50 | 63402014 |
| 1/2"   | 13 | 18.8 | 8  | 23 | 63400016 | 1/2"   | 13 | 18.8 | 9  | 50 | 63402016 |
| 9/16"  | 13 | 20   | 8  | 23 | 63400018 | 9/16"  | 13 | 20   | 9  | 50 | 63402018 |
| 4mm    | 13 | 7.6  | 4  | 23 | 63405040 | 4mm    | 13 | 7.6  | 4  | 50 | 63407040 |
| 4.5mm  | 13 | 8.2  | 5  | 23 | 63405045 | 4.5mm  | 13 | 8.2  | 6  | 50 | 63407045 |
| 5mm    | 13 | 8.8  | 5  | 23 | 63405050 | 5mm    | 13 | 8.8  | 6  | 50 | 63407050 |
| 5.5mm  | 13 | 9.5  | 5  | 23 | 63405055 | 5.5mm  | 13 | 9.5  | 6  | 50 | 63407055 |
| 6mm    | 13 | 10   | 6  | 23 | 63405060 | 6mm    | 13 | 10   | 7  | 50 | 63407060 |
| 7mm    | 13 | 11.3 | 6  | 23 | 63405070 | 7mm    | 13 | 11.3 | 7  | 50 | 63407070 |
| 8mm    | 13 | 12.5 | 7  | 23 | 63405080 | 8mm    | 13 | 12.5 | 9  | 50 | 63407080 |
| 9mm    | 13 | 13.8 | 7  | 23 | 63405090 | 9mm    | 13 | 13.8 | 9  | 50 | 63407090 |
| 10mm   | 13 | 15   | 7  | 23 | 63405100 | 10mm   | 13 | 15   | 9  | 50 | 63407100 |
| 11mm   | 13 | 16.3 | 8  | 23 | 63405110 | 11mm   | 13 | 16.3 | 9  | 50 | 63407110 |
| 12mm   | 13 | 17   | 8  | 23 | 63405120 | 12mm   | 13 | 17   | 9  | 50 | 63407120 |
| 13mm   | 13 | 18.8 | 8  | 23 | 63405130 | 13mm   | 13 | 18.8 | 9  | 50 | 63407130 |
| 14mm   | 13 | 20   | 8  | 23 | 63405140 | 14mm   | 13 | 20   | 9  | 50 | 63407140 |
| 15mm   | 13 | 21   | 8  | 23 | 63405150 | 15mm   | 13 | 21   | 9  | 50 | 63407150 |



6-Point Sockets



6-Point Sockets - Deep



## Surface Drive Impact Sockets

### 6-Point Sockets

### 6-Point Sockets - Deep

#### □ 3/8" Dr.,

|        | D2 | D1   | L2 | L  | No.      |        | D2 | D1   | L2 | L  | No.      |
|--------|----|------|----|----|----------|--------|----|------|----|----|----------|
| size   | mm | mm   | mm | mm |          | size   | mm | mm   | mm | mm |          |
| 1/4"   | 19 | 11.5 | 4  | 32 | 63410008 | 5/16"  | 19 | 13.8 | 12 | 80 | 63412010 |
| 5/16"  | 19 | 13.8 | 8  | 32 | 63410010 | 3/8"   | 19 | 15.5 | 12 | 80 | 63412012 |
| 3/8"   | 19 | 15.5 | 8  | 32 | 63410012 | 7/16"  | 19 | 17.5 | 25 | 80 | 63412014 |
| 7/16"  | 19 | 17.5 | 9  | 32 | 63410014 | 1/2"   | 22 | 20   | 25 | 80 | 63412016 |
| 1/2"   | 22 | 20   | 9  | 32 | 63410016 | 9/16"  | 22 | 22   | 25 | 80 | 63412018 |
| 9/16"  | 22 | 22   | 11 | 32 | 63410018 | 5/8"   | 22 | 24   | 25 | 80 | 63412020 |
| 5/8"   | 22 | 24   | 11 | 32 | 63410020 | 11/16" | 22 | 26   | 25 | 80 | 63412022 |
| 11/16" | 22 | 26   | 11 | 32 | 63410022 | 3/4"   | 22 | 28   | 25 | 80 | 63412024 |
| 3/4"   | 22 | 28   | 11 | 32 | 63410024 | 8mm    | 19 | 13.8 | 12 | 80 | 63417008 |
| 8mm    | 19 | 13.8 | 8  | 32 | 63415008 | 9mm    | 19 | 15   | 12 | 80 | 63417009 |
| 9mm    | 19 | 15   | 8  | 32 | 63415009 | 10mm   | 19 | 16   | 12 | 80 | 63417010 |
| 10mm   | 19 | 16   | 8  | 32 | 63415010 | 11mm   | 19 | 17.5 | 25 | 80 | 63417011 |
| 11mm   | 19 | 17.5 | 9  | 32 | 63415011 | 12mm   | 19 | 19   | 25 | 80 | 63417012 |
| 12mm   | 19 | 19   | 9  | 32 | 63415012 | 13mm   | 22 | 20   | 25 | 80 | 63417013 |
| 13mm   | 22 | 20   | 9  | 32 | 63415013 | 14mm   | 22 | 22   | 25 | 80 | 63417014 |
| 14mm   | 22 | 22   | 9  | 32 | 63415014 | 15mm   | 22 | 22   | 25 | 80 | 63417015 |
| 15mm   | 22 | 22   | 11 | 32 | 63415015 | 16mm   | 22 | 24   | 25 | 80 | 63417016 |
| 16mm   | 22 | 24   | 11 | 32 | 63415016 | 17mm   | 22 | 25   | 25 | 80 | 63417017 |
| 17mm   | 22 | 25   | 11 | 32 | 63415017 | 18mm   | 22 | 26   | 25 | 80 | 63417018 |
| 18mm   | 22 | 26   | 11 | 32 | 63415018 | 19mm   | 22 | 28   | 25 | 80 | 63417019 |
| 19mm   | 22 | 28   | 11 | 32 | 63415019 |        |    |      |    |    |          |

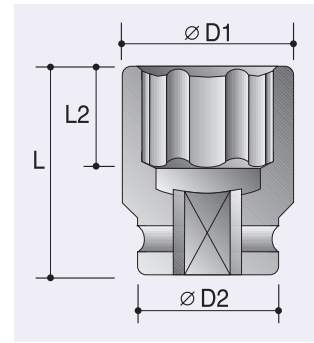
# Impact Sockets



6-Point Sockets



6-Point Sockets - Deep



## Surface Drive Impact Sockets

### 6-Point Sockets

### 6-Point Sockets - Deep

□ 1/2" Dr.,

| size    | D2 | D1   | L2 | L  | No.      | size    | D2 | D1   | L2 | L  | No.      |
|---------|----|------|----|----|----------|---------|----|------|----|----|----------|
| mm      | mm | mm   | mm | mm |          | mm      | mm | mm   | mm | mm |          |
| 3/8"    | 25 | 17   | 12 | 38 | 63420012 | 3/8"    | 25 | 17   | 14 | 83 | 63422012 |
| 7/16"   | 25 | 18.7 | 12 | 38 | 63420014 | 7/16"   | 25 | 18.7 | 14 | 83 | 63422014 |
| 1/2"    | 25 | 21   | 12 | 38 | 63420016 | 1/2"    | 25 | 21   | 14 | 83 | 63422016 |
| 9/16"   | 25 | 23   | 12 | 38 | 63420018 | 9/16"   | 25 | 23   | 17 | 83 | 63422018 |
| 5/8"    | 30 | 25   | 12 | 38 | 63420020 | 5/8"    | 30 | 25   | 17 | 83 | 63422020 |
| 11/16"  | 30 | 27   | 13 | 38 | 63420022 | 11/16"  | 30 | 27   | 17 | 83 | 63422022 |
| 3/4"    | 30 | 28.7 | 13 | 38 | 63420024 | 3/4"    | 30 | 28.7 | 19 | 83 | 63422024 |
| 13/16"  | 30 | 30   | 13 | 38 | 63420026 | 13/16"  | 30 | 30   | 24 | 83 | 63422026 |
| 7/8"    | 30 | 32   | 13 | 38 | 63420028 | 7/8"    | 30 | 32   | 24 | 90 | 63422028 |
| 15/16"  | 30 | 35   | 20 | 45 | 63420030 | 15/16"  | 30 | 35   | 24 | 90 | 63422030 |
| 1"      | 30 | 38   | 22 | 50 | 63420100 | 1"      | 30 | 38   | 24 | 90 | 63422100 |
| 1-1/16" | 30 | 38.7 | 22 | 50 | 63420102 | 1-1/16" | 30 | 38.7 | 24 | 90 | 63422102 |
| 1-1/8"  | 30 | 40   | 22 | 50 | 63420104 | 1-1/8"  | 30 | 40   | 24 | 90 | 63422104 |
| 1-3/16" | 30 | 42   | 22 | 50 | 63420106 | 1-3/16" | 30 | 42   | 24 | 90 | 63422106 |
| 1-1/4"  | 30 | 44   | 22 | 50 | 63420108 | 1-1/4"  | 30 | 44   | 24 | 90 | 63422108 |
| 10mm    | 25 | 17.5 | 12 | 38 | 63425010 | 10mm    | 25 | 17.5 | 14 | 83 | 63427010 |
| 11mm    | 25 | 18.7 | 12 | 38 | 63425011 | 11mm    | 25 | 18.7 | 14 | 83 | 63427011 |
| 12mm    | 25 | 20   | 12 | 38 | 63425012 | 12mm    | 25 | 20   | 14 | 83 | 63427012 |
| 13mm    | 25 | 21   | 12 | 38 | 63425013 | 13mm    | 25 | 21   | 14 | 83 | 63427013 |
| 14mm    | 25 | 22.5 | 12 | 38 | 63425014 | 14mm    | 25 | 22.5 | 17 | 83 | 63427014 |
| 15mm    | 30 | 23.7 | 12 | 38 | 63425015 | 15mm    | 30 | 23.7 | 17 | 83 | 63427015 |
| 16mm    | 30 | 25   | 12 | 38 | 63425016 | 16mm    | 30 | 25   | 17 | 83 | 63427016 |
| 17mm    | 30 | 26   | 13 | 38 | 63425017 | 17mm    | 30 | 26   | 17 | 83 | 63427017 |
| 18mm    | 30 | 27.5 | 13 | 38 | 63425018 | 18mm    | 30 | 27.5 | 17 | 83 | 63427018 |
| 19mm    | 30 | 28.7 | 13 | 38 | 63425019 | 19mm    | 30 | 28.7 | 19 | 83 | 63427019 |
| 20mm    | 30 | 30   | 13 | 38 | 63425020 | 20mm    | 30 | 30   | 19 | 83 | 63427020 |
| 21mm    | 30 | 30   | 13 | 38 | 63425021 | 21mm    | 30 | 30   | 24 | 83 | 63427021 |
| 22mm    | 30 | 32   | 13 | 38 | 63425022 | 22mm    | 30 | 32   | 24 | 90 | 63427022 |
| 23mm    | 30 | 32   | 13 | 38 | 63425023 | 23mm    | 30 | 32   | 24 | 90 | 63427023 |
| 24mm    | 30 | 35   | 20 | 45 | 63425024 | 24mm    | 30 | 35   | 24 | 90 | 63427024 |
| 26mm    | 30 | 38   | 22 | 50 | 63425026 | 26mm    | 30 | 38   | 24 | 90 | 63427026 |
| 27mm    | 30 | 38.7 | 22 | 50 | 63425027 | 27mm    | 30 | 38.7 | 24 | 90 | 63427027 |
| 29mm    | 30 | 40   | 22 | 50 | 63425029 | 29mm    | 30 | 40   | 24 | 90 | 63427029 |
| 30mm    | 30 | 42   | 22 | 50 | 63425030 | 30mm    | 30 | 42   | 24 | 90 | 63427030 |
| 32mm    | 30 | 44   | 22 | 50 | 63425032 | 32mm    | 30 | 44   | 24 | 90 | 63427032 |

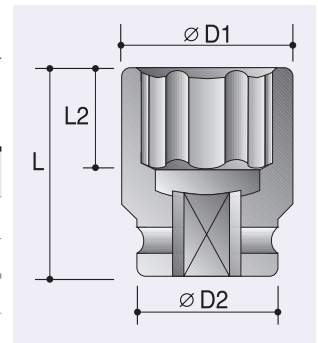
## Surface Drive Impact Sockets

### 6-Point Sockets

### 6-Point Sockets - Deep

#### 3/4" Dr.,

|      | D2 | D1 | L2 | L  | No.      |      | D2 | D1 | L2 | L  | No.      |
|------|----|----|----|----|----------|------|----|----|----|----|----------|
| size | mm | mm | mm | mm | No.      | size | mm | mm | mm | mm | No.      |
| 21mm | 44 | 33 | 15 | 50 | 63445021 | 21mm | 44 | 33 | 21 | 95 | 63447021 |
| 22mm | 44 | 34 | 15 | 50 | 63445022 | 22mm | 44 | 34 | 22 | 95 | 63447022 |
| 24mm | 44 | 36 | 18 | 50 | 63445024 | 24mm | 44 | 36 | 24 | 95 | 63447024 |
| 27mm | 44 | 40 | 19 | 54 | 63445027 | 27mm | 44 | 40 | 27 | 95 | 63447027 |
| 30mm | 44 | 43 | 21 | 54 | 63445030 | 30mm | 44 | 43 | 30 | 95 | 63447030 |
| 32mm | 44 | 46 | 22 | 56 | 63445032 | 32mm | 44 | 46 | 32 | 95 | 63447032 |
| 33mm | 44 | 48 | 22 | 56 | 63445033 | 33mm | 44 | 48 | 33 | 95 | 63447033 |
| 36mm | 44 | 50 | 25 | 56 | 63445036 | 36mm | 44 | 50 | 36 | 95 | 63447036 |



## Surface Drive Impact Sockets

### 6-Point Sockets - Thin Wall

#### 3/8" Dr.,

#### 1/2" Dr.,

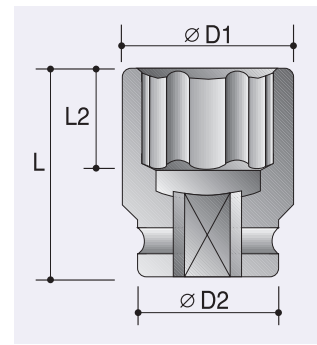
|      | D2 | D1   | L2 | L  | No.      |      | D2 | D1   | L2 | L  | No.      |
|------|----|------|----|----|----------|------|----|------|----|----|----------|
| size | mm | mm   | mm | mm | No.      | size | mm | mm   | mm | mm | No.      |
| 8mm  | 19 | 12.5 | 8  | 32 | 6341A008 | 8mm  | 25 | 13   | 6  | 38 | 63426008 |
| 9mm  | 19 | 14   | 8  | 32 | 6341A009 | 9mm  | 25 | 14.5 | 6  | 38 | 63426009 |
| 10mm | 19 | 15   | 8  | 32 | 6341A010 | 10mm | 25 | 15.5 | 7  | 38 | 63426010 |
| 11mm | 19 | 17   | 9  | 32 | 6341A011 | 11mm | 25 | 16.7 | 8  | 38 | 63426011 |
| 12mm | 19 | 17.5 | 9  | 32 | 6341A012 | 12mm | 25 | 18   | 9  | 38 | 63426012 |
| 13mm | 22 | 19   | 9  | 32 | 6341A013 | 13mm | 25 | 19.2 | 9  | 38 | 63426013 |
| 14mm | 22 | 20   | 9  | 32 | 6341A014 | 14mm | 25 | 21   | 11 | 38 | 63426014 |
| 15mm | 22 | 21   | 11 | 32 | 6341A015 | 15mm | 30 | 21.7 | 11 | 38 | 63426015 |
| 16mm | 22 | 22.5 | 11 | 32 | 6341A016 | 16mm | 30 | 23   | 11 | 38 | 63426016 |
| 17mm | 22 | 24   | 11 | 32 | 6341A017 | 17mm | 30 | 24   | 11 | 38 | 63426017 |
| 18mm | 22 | 25   | 11 | 32 | 6341A018 | 18mm | 30 | 25   | 13 | 38 | 63426018 |
| 19mm | 22 | 26   | 11 | 32 | 6341A019 | 19mm | 30 | 26   | 13 | 38 | 63426019 |

#### 1/2" Dr.,

|         |    |      |    |    |          |      |    |      |    |    |          |
|---------|----|------|----|----|----------|------|----|------|----|----|----------|
| 5/16"   | 25 | 13   | 6  | 38 | 63423010 | 21mm | 30 | 28   | 15 | 38 | 63426021 |
| 3/8"    | 25 | 15   | 6  | 38 | 63423012 | 22mm | 30 | 29.5 | 15 | 38 | 63426022 |
| 7/16"   | 25 | 17   | 8  | 38 | 63423014 | 23mm | 30 | 30.5 | 15 | 38 | 63426023 |
| 1/2"    | 25 | 18.7 | 9  | 38 | 63423016 | 24mm | 30 | 32   | 18 | 45 | 63426024 |
| 9/16"   | 25 | 21   | 11 | 38 | 63423018 | 26mm | 30 | 35   | 18 | 50 | 63426026 |
| 5/8"    | 28 | 23   | 11 | 38 | 63423020 | 27mm | 30 | 36   | 19 | 50 | 63426027 |
| 11/16"  | 30 | 24.5 | 11 | 38 | 63423022 | 30mm | 30 | 40   | 21 | 50 | 63426030 |
| 3/4"    | 30 | 26   | 13 | 38 | 63423024 | 32mm | 30 | 42   | 22 | 50 | 63426032 |
| 13/16"  | 30 | 28   | 15 | 38 | 63423026 |      |    |      |    |    |          |
| 7/8"    | 30 | 30   | 15 | 38 | 63423028 |      |    |      |    |    |          |
| 15/16"  | 30 | 32   | 18 | 45 | 63423030 |      |    |      |    |    |          |
| 1"      | 30 | 34   | 18 | 50 | 63423100 |      |    |      |    |    |          |
| 1-1/16" | 30 | 36   | 19 | 50 | 63423102 |      |    |      |    |    |          |
| 1-1/8"  | 30 | 38   | 19 | 50 | 63423104 |      |    |      |    |    |          |
| 1-3/16" | 30 | 40   | 21 | 50 | 63423106 |      |    |      |    |    |          |
| 1-1/4"  | 30 | 42   | 22 | 50 | 63423108 |      |    |      |    |    |          |



6-Point Sockets - Thin Wall



## Surface Drive Impact Sockets

### 6-Point Sockets - Thin Wall

#### 1" Dr.,

|      | D2 | D1  | L2 | L   |          |
|------|----|-----|----|-----|----------|
| size | mm | mm  | mm | mm  | No.      |
| 80mm | 86 | 105 | 48 | 100 | 6345M080 |
| 90mm | 86 | 115 | 52 | 105 | 6345M090 |

#### 1-1/2" Dr.,

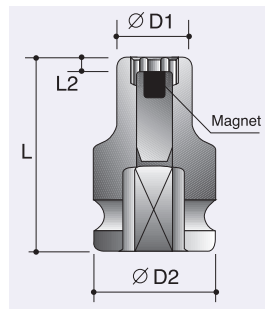
|      | D2 | D1  | L2 | L   |          |
|------|----|-----|----|-----|----------|
| size | mm | mm  | mm | mm  | No.      |
| 80mm | 86 | 105 | 53 | 115 | 6346N080 |
| 90mm | 86 | 115 | 59 | 123 | 6346N090 |

### 6-Point Sockets - Thin Wall Deep

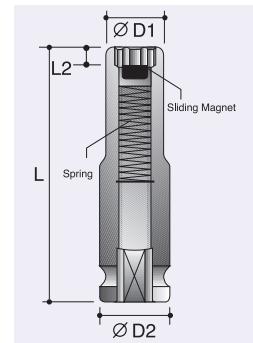
#### 1/2" Dr.,

|      | D2 | D1   | L2 | L  |          |
|------|----|------|----|----|----------|
| size | mm | mm   | mm | mm | No.      |
| 10mm | 25 | 15.5 | 14 | 83 | 6342V010 |
| 11mm | 25 | 16.7 | 14 | 83 | 6342V011 |
| 12mm | 25 | 18   | 14 | 83 | 6342V012 |
| 13mm | 25 | 19.2 | 14 | 83 | 6342V013 |
| 14mm | 25 | 21   | 24 | 83 | 6342V014 |
| 15mm | 30 | 21.7 | 24 | 83 | 6342V015 |
| 16mm | 30 | 23   | 24 | 83 | 6342V016 |
| 17mm | 30 | 24   | 24 | 83 | 6342V017 |
| 18mm | 30 | 25   | 24 | 83 | 6342V018 |
| 19mm | 30 | 26   | 24 | 83 | 6342V019 |
| 21mm | 30 | 28   | 24 | 83 | 6342V021 |
| 22mm | 30 | 29.5 | 24 | 90 | 6342V022 |
| 23mm | 30 | 30.5 | 24 | 90 | 6342V023 |
| 24mm | 30 | 32   | 24 | 90 | 6342V024 |
| 26mm | 30 | 35   | 24 | 90 | 6342V026 |
| 27mm | 30 | 36   | 24 | 90 | 6342V027 |
| 30mm | 30 | 40   | 24 | 90 | 6342V030 |
| 32mm | 30 | 42   | 24 | 90 | 6342V032 |

6-Point Sockets - Thin Wall Deep



6-Point Sockets - With Magnetic



6-Point Sockets - Deep - With Slide Magnetic

## Surface Drive Impact Sockets

### 6-Point Sockets - With Magnetic

### 6-Point Sockets - Deep - With Slide Magnetic

□ 1/4" Dr.,

| size   | D2 | D1   | L2 | L  | No.      | size   | D2 | D1   | L2 | L  | No.      |
|--------|----|------|----|----|----------|--------|----|------|----|----|----------|
| mm     | mm | mm   | mm | mm |          | mm     | mm | mm   | mm | mm |          |
| 3/16"  | 13 | 8.5  | 3  | 23 | 6340Q006 | 3/16"  | 13 | 8.5  | 6  | 50 | 6340S006 |
| 7/32"  | 13 | 9.5  | 3  | 23 | 6340Q007 | 7/32"  | 13 | 9.5  | 6  | 50 | 6340S007 |
| 1/4"   | 13 | 10.3 | 3  | 23 | 6340Q008 | 1/4"   | 13 | 10.3 | 7  | 50 | 6340S008 |
| 9/32"  | 13 | 11.3 | 3  | 23 | 6340Q009 | 9/32"  | 13 | 11.3 | 7  | 50 | 6340S009 |
| 5/16"  | 13 | 12.5 | 3  | 23 | 6340Q010 | 5/16"  | 13 | 12.5 | 9  | 50 | 6340S010 |
| 11/32" | 13 | 13.8 | 4  | 23 | 6340Q011 | 11/32" | 13 | 13.8 | 9  | 50 | 6340S011 |
| 3/8"   | 13 | 15   | 4  | 23 | 6340Q012 | 3/8"   | 13 | 15   | 9  | 50 | 6340S012 |
| 7/16"  | 13 | 16.3 | 5  | 23 | 6340Q014 | 7/16"  | 13 | 16.3 | 9  | 50 | 6340S014 |
| 1/2"   | 13 | 18.8 | 5  | 23 | 6340Q016 | 1/2"   | 13 | 18.8 | 9  | 50 | 6340S016 |
| 9/16"  | 13 | 20   | 6  | 23 | 6340Q018 | 9/16"  | 13 | 20   | 9  | 50 | 6340S018 |
| 5mm    | 13 | 8.8  | 3  | 23 | 6340P050 | 5mm    | 13 | 8.8  | 6  | 50 | 6340R050 |
| 5.5mm  | 13 | 9.5  | 3  | 23 | 6340P055 | 5.5mm  | 13 | 9.5  | 6  | 50 | 6340R055 |
| 6mm    | 13 | 10   | 3  | 23 | 6340P060 | 6mm    | 13 | 10   | 7  | 50 | 6340R060 |
| 7mm    | 13 | 11.3 | 3  | 23 | 6340P070 | 7mm    | 13 | 11.3 | 7  | 50 | 6340R070 |
| 8mm    | 13 | 12.5 | 3  | 23 | 6340P080 | 8mm    | 13 | 12.5 | 9  | 50 | 6340R080 |
| 9mm    | 13 | 13.8 | 4  | 23 | 6340P090 | 9mm    | 13 | 13.8 | 9  | 50 | 6340R090 |
| 10mm   | 13 | 15   | 4  | 23 | 6340P100 | 10mm   | 13 | 15   | 9  | 50 | 6340R100 |
| 11mm   | 13 | 16.3 | 5  | 23 | 6340P110 | 11mm   | 13 | 16.3 | 9  | 50 | 6340R110 |
| 12mm   | 13 | 17   | 5  | 23 | 6340P120 | 12mm   | 13 | 17   | 9  | 50 | 6340R120 |
| 13mm   | 13 | 18.8 | 5  | 23 | 6340P130 | 13mm   | 13 | 18.8 | 9  | 50 | 6340R130 |
| 14mm   | 13 | 20   | 6  | 23 | 6340P140 | 14mm   | 13 | 20   | 9  | 50 | 6340R140 |
| 15mm   | 13 | 21   | 6  | 23 | 6340P150 | 15mm   | 13 | 21   | 9  | 50 | 6340R150 |

# Impact Sockets



6-Point Sockets - With Magnetic

## Surface Drive Impact Sockets

### 6-Point Sockets - With Magnetic

| □ 3/8" Dr., |    |      |    |    |          | □ 1/2" Dr., |    |      |    |    |          |
|-------------|----|------|----|----|----------|-------------|----|------|----|----|----------|
|             | D2 | D1   | L2 | L  |          |             | D2 | D1   | L2 | L  |          |
| size        | mm | mm   | mm | mm | No.      | size        | mm | mm   | mm | mm | No.      |
| 1/4"        | 19 | 11.5 | 3  | 32 | 6341Q008 | 3/8"        | 25 | 17   | 4  | 38 | 6342Q012 |
| 5/16"       | 19 | 13.8 | 3  | 32 | 6341Q010 | 7/16"       | 25 | 18.7 | 5  | 38 | 6342Q014 |
| 3/8"        | 19 | 15.5 | 4  | 32 | 6341Q012 | 1/2"        | 25 | 21   | 5  | 38 | 6342Q016 |
| 7/16"       | 19 | 17.5 | 5  | 32 | 6341Q014 | 9/16"       | 25 | 23   | 6  | 38 | 6342Q018 |
| 1/2"        | 22 | 20   | 6  | 32 | 6341Q016 | 5/8"        | 30 | 25   | 6  | 38 | 6342Q020 |
| 9/16"       | 22 | 22   | 6  | 32 | 6341Q018 | 11/16"      | 30 | 27   | 6  | 38 | 6342Q022 |
| 5/8"        | 22 | 24   | 6  | 32 | 6341Q020 | 3/4"        | 30 | 28.7 | 7  | 38 | 6342Q024 |
| 11/16"      | 22 | 26   | 6  | 32 | 6341Q022 | 13/16"      | 30 | 30   | 8  | 38 | 6342Q026 |
| 3/4"        | 22 | 28   | 7  | 32 | 6341Q024 | 7/8"        | 30 | 32   | 8  | 38 | 6342Q028 |
| 6mm         | 19 | 11   | 3  | 32 | 6341P006 | 15/16"      | 30 | 35   | 10 | 45 | 6342Q030 |
| 7mm         | 19 | 12.5 | 3  | 32 | 6341P007 | 1"          | 30 | 38   | 10 | 50 | 6342Q100 |
| 8mm         | 19 | 13.8 | 3  | 32 | 6341P008 | 10mm        | 25 | 17.5 | 4  | 38 | 6342P010 |
| 9mm         | 19 | 15   | 4  | 32 | 6341P009 | 11mm        | 25 | 18.7 | 5  | 38 | 6342P011 |
| 10mm        | 19 | 16   | 4  | 32 | 6341P010 | 12mm        | 25 | 20   | 5  | 38 | 6342P012 |
| 11mm        | 19 | 17.5 | 5  | 32 | 6341P011 | 13mm        | 25 | 21   | 5  | 38 | 6342P013 |
| 12mm        | 19 | 19   | 5  | 32 | 6341P012 | 14mm        | 25 | 22.5 | 6  | 38 | 6342P014 |
| 13mm        | 22 | 20   | 6  | 32 | 6341P013 | 15mm        | 30 | 23.7 | 6  | 38 | 6342P015 |
| 14mm        | 22 | 22   | 6  | 32 | 6341P014 | 16mm        | 30 | 25   | 6  | 38 | 6342P016 |
| 15mm        | 22 | 22   | 6  | 32 | 6341P015 | 17mm        | 30 | 26   | 6  | 38 | 6342P017 |
| 16mm        | 22 | 24   | 6  | 32 | 6341P016 | 18mm        | 30 | 27.5 | 7  | 38 | 6342P018 |
| 17mm        | 22 | 25   | 6  | 32 | 6341P017 | 19mm        | 30 | 28.7 | 7  | 38 | 6342P019 |
| 18mm        | 22 | 26   | 7  | 32 | 6341P018 | 20mm        | 30 | 30   | 7  | 38 | 6342P020 |
| 19mm        | 22 | 28   | 7  | 32 | 6341P019 | 21mm        | 30 | 30   | 8  | 38 | 6342P021 |
|             |    |      |    |    |          | 22mm        | 30 | 32   | 8  | 38 | 6342P022 |
|             |    |      |    |    |          | 24mm        | 30 | 35   | 10 | 45 | 6342P024 |



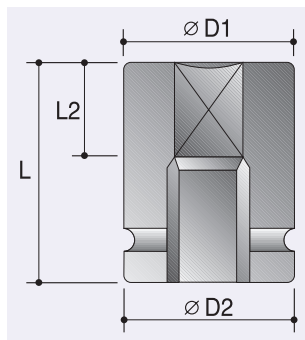
# 4-Point Sockets

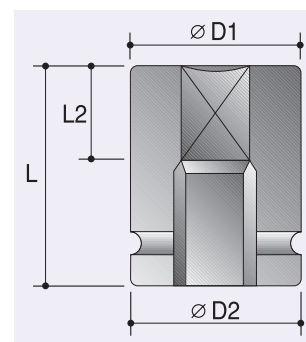
|                |  |
|----------------|--|
| 3/8" Sq. Dr.,  | 4-Point Female Sockets                 |
| 1/2" Sq. Dr.,  | 4-Point Female Sockets                 |
| 3/4" Sq. Dr.,  | 4-Point Female Sockets                 |
| 1" Sq. Dr.,    | 4-Point Female Sockets                 |
| 3/4" & 1" Dr., | 4-Point Rectangle for rail track screw |
| 3/8" Sq. Dr.,  | 4-Point Male Sockets                   |
| 1/2" Sq. Dr.,  | 4-Point Male Sockets                   |

# Impact Sockets

## 4-Point Female Sockets

| □ 3/8" Dr., |    |      |    |    |          | □ 1/2" Dr., |    |      |    |    |          |
|-------------|----|------|----|----|----------|-------------|----|------|----|----|----------|
|             | D2 | D1   | L2 | L  |          |             | D2 | D1   | L2 | L  |          |
| size        | mm | mm   | mm | mm | No.      | size        | mm | mm   | mm | mm | No.      |
| 3/16"       | 19 | 12   | 5  | 25 | 6311A006 | 9/32"       | 25 | 17.5 | 8  | 40 | 63120009 |
| 1/4"        | 19 | 14   | 5  | 25 | 6311A008 | 5/16"       | 25 | 19   | 9  | 40 | 63120010 |
| 9/32"       | 19 | 15   | 7  | 25 | 6311A009 | 3/8"        | 25 | 21   | 10 | 40 | 63120012 |
| 5/16"       | 19 | 16   | 7  | 25 | 6311A010 | 7/16"       | 25 | 23   | 11 | 40 | 63120014 |
| 11/32"      | 19 | 17.5 | 7  | 25 | 6311A011 | 1/2"        | 30 | 26   | 12 | 40 | 63120016 |
| 3/8"        | 19 | 19   | 7  | 25 | 6311A012 | 9/16"       | 30 | 27.5 | 20 | 40 | 63120018 |
| 5mm         | 19 | 12   | 5  | 25 | 63115005 | 5/8"        | 30 | 30   | 20 | 40 | 63120020 |
| 6mm         | 19 | 14   | 5  | 25 | 63115006 | 11/16"      | 30 | 33   | 20 | 40 | 63120022 |
| 7mm         | 19 | 15   | 7  | 25 | 63115007 | 3/4"        | 30 | 36   | 20 | 45 | 63120024 |
| 8mm         | 19 | 16   | 7  | 25 | 63115008 | 13/16"      | 30 | 40   | 20 | 45 | 63120026 |
| 9mm         | 19 | 17.5 | 7  | 25 | 63115009 | 7/8"        | 30 | 42   | 20 | 45 | 63120028 |
| 10mm        | 19 | 19   | 7  | 25 | 63115010 | 15/16"      | 30 | 44   | 22 | 50 | 63120030 |
|             |    |      |    |    |          | 1-3/16"     | 30 | 53   | 22 | 50 | 63120106 |
|             |    |      |    |    |          | 1-1/4"      | 30 | 56   | 22 | 50 | 63120108 |
|             |    |      |    |    |          | 1-7/16"     | 38 | 63   | 24 | 55 | 63120114 |
|             |    |      |    |    |          | 7mm         | 25 | 17.5 | 8  | 40 | 63125007 |
|             |    |      |    |    |          | 8mm         | 25 | 19   | 9  | 40 | 63125008 |
|             |    |      |    |    |          | 9mm         | 25 | 20   | 9  | 40 | 63125009 |
|             |    |      |    |    |          | 10mm        | 25 | 21.5 | 10 | 40 | 63125010 |
|             |    |      |    |    |          | 11mm        | 25 | 23   | 11 | 40 | 63125011 |
|             |    |      |    |    |          | 12mm        | 25 | 24   | 12 | 40 | 63125012 |
|             |    |      |    |    |          | 13mm        | 30 | 26   | 12 | 40 | 63125013 |
|             |    |      |    |    |          | 14mm        | 30 | 27.5 | 20 | 40 | 63125014 |
|             |    |      |    |    |          | 15mm        | 30 | 28.5 | 20 | 40 | 63125015 |
|             |    |      |    |    |          | 16mm        | 30 | 30   | 20 | 40 | 63125016 |
|             |    |      |    |    |          | 17mm        | 30 | 32   | 20 | 40 | 63125017 |
|             |    |      |    |    |          | 18mm        | 30 | 34   | 20 | 45 | 63125018 |
|             |    |      |    |    |          | 19mm        | 30 | 36   | 20 | 45 | 63125019 |
|             |    |      |    |    |          | 20mm        | 30 | 38   | 20 | 45 | 63125020 |
|             |    |      |    |    |          | 21mm        | 30 | 40   | 20 | 45 | 63125021 |
|             |    |      |    |    |          | 22mm        | 30 | 42   | 20 | 45 | 63125022 |
|             |    |      |    |    |          | 24mm        | 30 | 44   | 22 | 50 | 63125024 |
|             |    |      |    |    |          | 30mm        | 30 | 53   | 22 | 50 | 63125030 |
|             |    |      |    |    |          | 32mm        | 30 | 56   | 22 | 50 | 63125032 |
|             |    |      |    |    |          | 36mm        | 38 | 62   | 24 | 55 | 63125036 |





## 4-Point Sockets

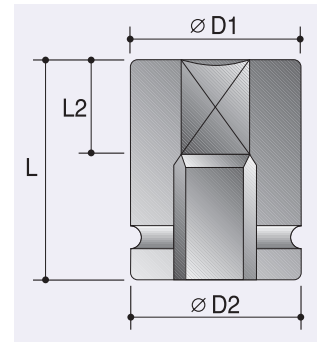
### □ 3/4" Dr.,

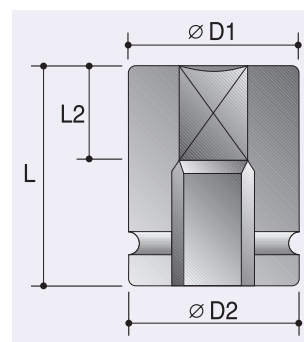
|        | D2 | D1 | L2 | L  |          |
|--------|----|----|----|----|----------|
| size   | mm | mm | mm | mm | No.      |
| 13/16" | 42 | 42 | 22 | 52 | 63040026 |
| 13/16" | 51 | 42 | 34 | 62 | 6304G026 |
| 13/16" | 44 | 42 | 24 | 95 | 6304F026 |
| 15/16" | 44 | 44 | 22 | 52 | 63040030 |
| 16mm   | 40 | 40 | 24 | 52 | 63045016 |
| 17mm   | 40 | 40 | 24 | 52 | 63045017 |
| 19mm   | 40 | 40 | 24 | 52 | 63045019 |
| 20mm   | 42 | 42 | 24 | 52 | 63045020 |
| 21mm   | 42 | 42 | 24 | 52 | 63045021 |
| 21mm   | 44 | 42 | 24 | 95 | 63047021 |
| 22mm   | 44 | 44 | 24 | 52 | 63045022 |
| 24mm   | 44 | 47 | 24 | 52 | 63045024 |
| 27mm   | 44 | 49 | 24 | 52 | 63045027 |
| 30mm   | 44 | 54 | 24 | 52 | 63045030 |
| 17mm   | 44 | 40 | 16 | 67 | 63246170 |
| 19mm   | 44 | 40 | 16 | 67 | 63246190 |
| 20mm   | 44 | 44 | 16 | 67 | 63246200 |
| 21mm   | 44 | 44 | 16 | 67 | 63246210 |

# Impact Sockets

## 4-Point Sockets

| 1" Dr., |    |    |    |     |          |
|---------|----|----|----|-----|----------|
| size    | D2 | D1 | L2 | L   | No.      |
| 13/16"  | 52 | 52 | 24 | 57  | 63050026 |
| 13/16"  | 57 | 48 | 24 | 68  | 6305G026 |
| 13/16"  | 54 | 46 | 28 | 95  | 6305F026 |
| 15/16"  | 52 | 52 | 24 | 57  | 63050030 |
| 17mm    | 52 | 52 | 24 | 57  | 63055017 |
| 19mm    | 52 | 52 | 24 | 57  | 63055019 |
| 20mm    | 52 | 52 | 24 | 57  | 63055020 |
| 21mm    | 52 | 52 | 24 | 57  | 63055021 |
| 17mm    | 52 | 40 | 30 | 100 | 6315L017 |
| 19mm    | 52 | 43 | 30 | 100 | 6315L019 |
| 21mm    | 52 | 44 | 30 | 100 | 6315L021 |
| 22mm    | 52 | 44 | 30 | 100 | 6315L022 |
| 13/16"  | 52 | 44 | 24 | 57  | 63150026 |
| 1"      | 54 | 52 | 30 | 60  | 63150100 |
| 17mm    | 52 | 40 | 24 | 57  | 63155017 |
| 18mm    | 52 | 42 | 24 | 57  | 63155018 |
| 19mm    | 52 | 43 | 24 | 57  | 63155019 |
| 20mm    | 52 | 44 | 24 | 57  | 63155020 |
| 21mm    | 52 | 44 | 24 | 57  | 63155021 |
| 22mm    | 52 | 44 | 24 | 57  | 63155022 |
| 23mm    | 54 | 48 | 27 | 60  | 63155023 |
| 24mm    | 54 | 50 | 27 | 60  | 63155024 |
| 27mm    | 54 | 53 | 27 | 60  | 63155027 |
| 30mm    | 54 | 60 | 27 | 60  | 63155030 |
| 32mm    | 54 | 63 | 37 | 70  | 63155032 |
| 36mm    | 54 | 68 | 37 | 70  | 63155036 |
| 41mm    | 54 | 75 | 39 | 75  | 63155041 |
| 17mm    | 52 | 40 | 16 | 76  | 63256170 |
| 17.5mm  | 52 | 40 | 16 | 76  | 63256175 |
| 19mm    | 52 | 43 | 16 | 76  | 63256190 |
| 19.5mm  | 52 | 43 | 16 | 76  | 63256195 |
| 20mm    | 52 | 44 | 16 | 76  | 63256200 |
| 21mm    | 52 | 44 | 16 | 76  | 63256210 |
| 21.5mm  | 52 | 44 | 16 | 76  | 63256215 |





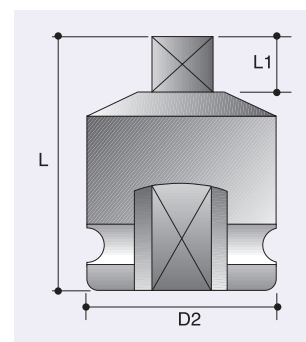
### 4-Point Rectangle Socket for rail track screw.

#### □ 3/4" Dr.,

|             | D2 | D1 | L2 | L   |          |
|-------------|----|----|----|-----|----------|
| size        | mm | mm | mm | mm  | No.      |
| 19mm x 21mm | 44 | 45 | 25 | 60  | 6304H001 |
| 19mm x 21mm | 44 | 45 | 32 | 100 | 6304H002 |
| 21mm x 28mm | 44 | 50 | 25 | 60  | 6304H011 |
| 21mm x 28mm | 44 | 50 | 32 | 100 | 6304H012 |

#### □ 1" Dr.,

|               | D2 | D1 | L2 | L   |          |
|---------------|----|----|----|-----|----------|
| size          | mm | mm | mm | mm  | No.      |
| 7/8" x 1-1/8" | 54 | 48 | 25 | 89  | 6305H051 |
| 19mm x 21mm   | 54 | 47 | 25 | 70  | 6305H001 |
| 19mm x 21mm   | 54 | 47 | 32 | 110 | 6305H002 |
| 21mm x 28mm   | 62 | 62 | 25 | 70  | 6305H011 |
| 21mm x 28mm   | 62 | 62 | 32 | 110 | 6305H012 |



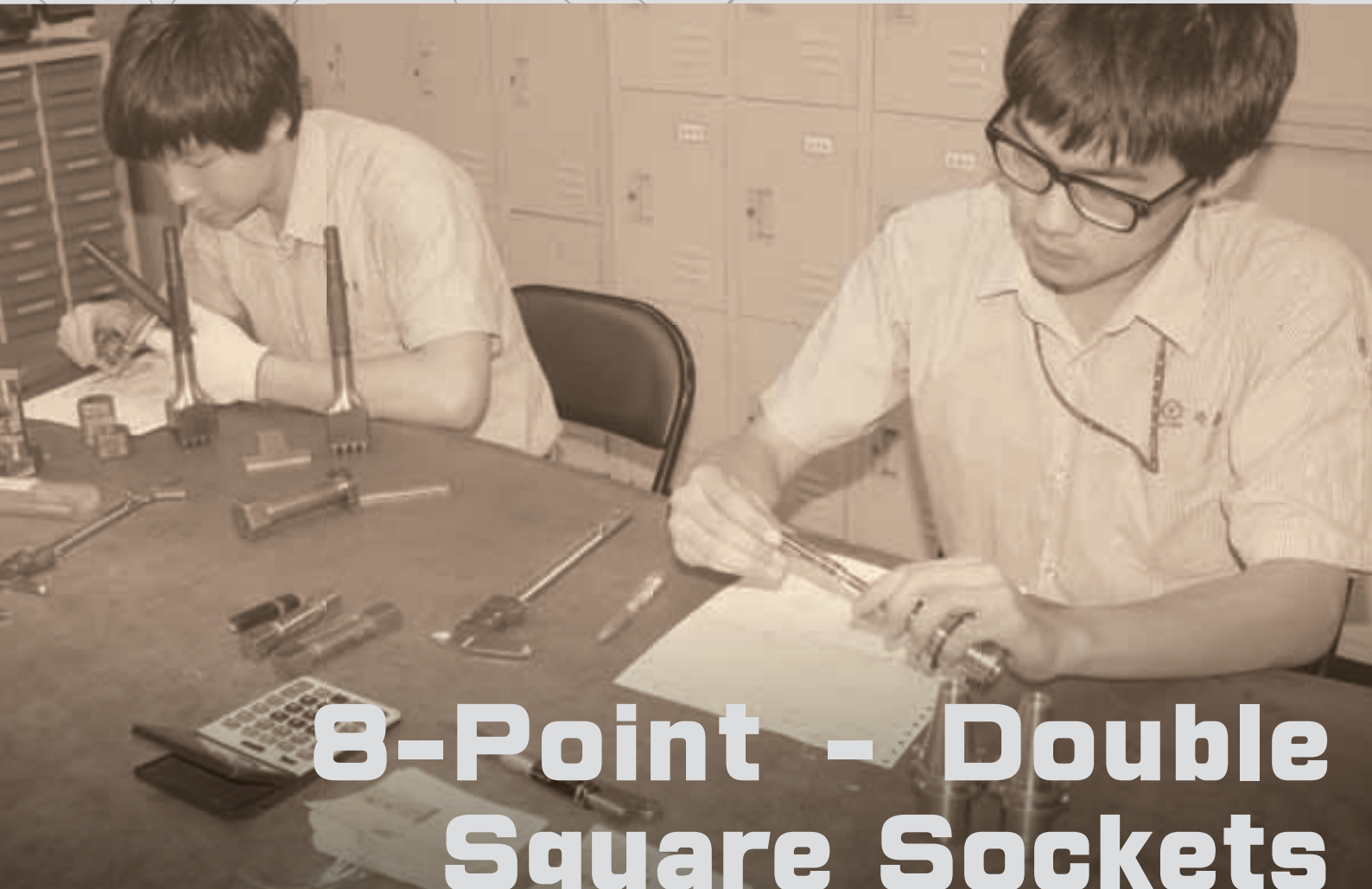
## 4-Point Male Sockets

### 3/8" Dr.,

|        | D2 | L1 | L  |          |
|--------|----|----|----|----------|
| size   | mm | mm | mm | No.      |
| 3/16"  | 19 | 7  | 30 | 69841006 |
| 1/4"   | 19 | 7  | 30 | 69841008 |
| 9/32"  | 19 | 7  | 30 | 69841009 |
| 5/16"  | 19 | 7  | 30 | 69841010 |
| 11/32" | 19 | 7  | 30 | 69841011 |
| 3/8"   | 19 | 7  | 30 | 69841012 |
| 5mm    | 19 | 7  | 30 | 69841505 |
| 6mm    | 19 | 7  | 30 | 69841506 |
| 7mm    | 19 | 7  | 30 | 69841507 |
| 8mm    | 19 | 7  | 30 | 69841508 |
| 9mm    | 19 | 7  | 30 | 69841509 |
| 10mm   | 19 | 7  | 30 | 69841510 |

### 1/2" Dr.,

|       | D2 | L1 | L  |          |
|-------|----|----|----|----------|
| size  | mm | mm | mm | No.      |
| 1/4"  | 25 | 8  | 38 | 69842008 |
| 9/32" | 25 | 8  | 38 | 69842009 |
| 5/16" | 25 | 8  | 38 | 69842010 |
| 3/8"  | 25 | 8  | 38 | 69842012 |
| 7/16" | 25 | 8  | 38 | 69842014 |
| 1/2"  | 25 | 8  | 38 | 69842016 |
| 9/16" | 26 | 8  | 38 | 69842018 |
| 5/8"  | 29 | 8  | 38 | 69842020 |
| 6mm   | 25 | 8  | 38 | 69842506 |
| 7mm   | 25 | 8  | 38 | 69842507 |
| 8mm   | 25 | 8  | 38 | 69842508 |
| 9mm   | 25 | 8  | 38 | 69842509 |
| 10mm  | 25 | 8  | 38 | 69842510 |
| 11mm  | 25 | 8  | 38 | 69842511 |
| 12mm  | 25 | 8  | 38 | 69842512 |
| 13mm  | 25 | 8  | 38 | 69842513 |
| 14mm  | 26 | 8  | 38 | 69842514 |
| 15mm  | 29 | 8  | 38 | 69842515 |
| 16mm  | 29 | 8  | 38 | 69842516 |



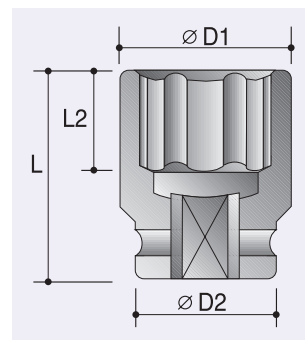
# 8-Point - Double Square Sockets

1/2" Sq. Dr., 8-Point - Double Square Sockets  
3/4" Sq. Dr., 8-Point - Double Square Sockets  
1" Sq. Dr., 8-Point - Double Square Sockets

## 8-Point Sockets - Double Square

1/2" Dr.,

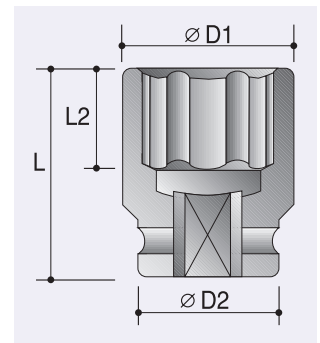
|         | D2   | D1   | L2 | Standard Length |          | Deep Length |          |
|---------|------|------|----|-----------------|----------|-------------|----------|
| size    | mm   | mm   | mm | mm              | No.      | mm          | No.      |
| 3/8"    | 22   | 19   | 6  | 38              | 6362A012 | 83          | 6362C012 |
| 7/16"   | 24   | 21   | 8  | 38              | 6362A014 | 83          | 6362C014 |
| 1/2"    | 24   | 24   | 9  | 38              | 6362A016 | 83          | 6362C016 |
| 9/16"   | 26   | 26   | 11 | 38              | 6362A018 | 83          | 6362C018 |
| 5/8"    | 28   | 28   | 11 | 38              | 6362A020 | 83          | 6362C020 |
| 11/16"  | 30   | 30   | 11 | 38              | 6362A022 | 83          | 6362C022 |
| 3/4"    | 34   | 34   | 13 | 40              | 6362A024 | 83          | 6362C024 |
| 13/16"  | 36   | 36   | 15 | 40              | 6362A026 | 83          | 6362C026 |
| 7/8"    | 38   | 38   | 15 | 40              | 6362A028 | 90          | 6362C028 |
| 15/16"  | 38   | 42   | 18 | 45              | 6362A030 | 90          | 6362C030 |
| 1"      | 38   | 44   | 18 | 45              | 6362A100 | 90          | 6362C100 |
| 1-1/16" | 46.5 | 46.5 | 19 | 50              | 6362A102 | 90          | 6362C102 |
| 1-1/8"  | 49   | 49   | 19 | 50              | 6362A104 | 90          | 6362C104 |
| 1-3/16" | 51   | 51   | 21 | 50              | 6362A106 | 90          | 6362C106 |
| 1-1/4"  | 54   | 54   | 22 | 50              | 6362A108 | 90          | 6362C108 |
| 10mm    | 22   | 20   | 7  | 38              | 6362R010 | 83          | 6362T010 |
| 11mm    | 24   | 21   | 8  | 38              | 6362R011 | 83          | 6362T011 |
| 12mm    | 24   | 24   | 9  | 38              | 6362R012 | 83          | 6362T012 |
| 13mm    | 25   | 25   | 9  | 38              | 6362R013 | 83          | 6362T013 |
| 14mm    | 26   | 26   | 11 | 38              | 6362R014 | 83          | 6362T014 |
| 15mm    | 28   | 28   | 11 | 38              | 6362R015 | 83          | 6362T015 |
| 16mm    | 28   | 28   | 11 | 38              | 6362R016 | 83          | 6362T016 |
| 17mm    | 30   | 30   | 11 | 38              | 6362R017 | 83          | 6362T017 |
| 18mm    | 32   | 32   | 13 | 40              | 6362R018 | 83          | 6362T018 |
| 19mm    | 34   | 34   | 13 | 40              | 6362R019 | 83          | 6362T019 |
| 20mm    | 36   | 35   | 13 | 40              | 6362R020 | 83          | 6362T020 |
| 21mm    | 36   | 36   | 15 | 40              | 6362R021 | 83          | 6362T021 |
| 22mm    | 38   | 38   | 15 | 40              | 6362R022 | 90          | 6362T022 |
| 23mm    | 38   | 40   | 15 | 40              | 6362R023 | 90          | 6362T023 |
| 24mm    | 38   | 42   | 18 | 45              | 6362R024 | 90          | 6362T024 |
| 25mm    | 38   | 44   | 18 | 45              | 6362R025 | 90          | 6362T025 |
| 26mm    | 38   | 45   | 18 | 50              | 6362R026 | 90          | 6362T026 |
| 27mm    | 46.5 | 46.5 | 19 | 50              | 6362R027 | 90          | 6362T027 |
| 28mm    | 49   | 49   | 19 | 50              | 6362R028 | 90          | 6362T028 |
| 29mm    | 50   | 50   | 19 | 50              | 6362R029 | 90          | 6362T029 |
| 30mm    | 51   | 51   | 21 | 50              | 6362R030 | 90          | 6362T030 |
| 31mm    | 52   | 52   | 21 | 50              | 6362R031 | 90          | 6362T031 |
| 32mm    | 54   | 54   | 22 | 50              | 6362R032 | 90          | 6362T032 |



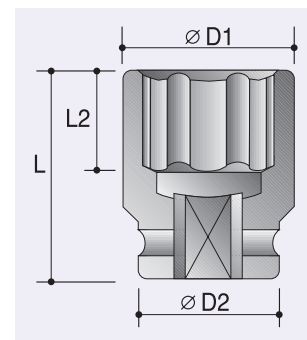
## 8-Point Sockets - Double Square

### 3/4" Dr.,

|         | D2   | D1   | L2 | Standard Length |          | Deep Length |          |
|---------|------|------|----|-----------------|----------|-------------|----------|
| size    | mm   | mm   | mm | mm              | No.      | mm          | No.      |
| 3/4"    | 40   | 40   | 13 | 50              | 63640024 | 95          | 63642024 |
| 13/16"  | 42   | 42   | 15 | 50              | 63640026 | 95          | 63642026 |
| 7/8"    | 44.5 | 44   | 15 | 50              | 63640028 | 95          | 63642028 |
| 15/16"  | 44.5 | 46   | 18 | 52              | 63640030 | 95          | 63642030 |
| 1"      | 44.5 | 50   | 18 | 52              | 63640100 | 95          | 63642100 |
| 1-1/16" | 44.5 | 53   | 19 | 54              | 63640102 | 95          | 63642102 |
| 1-1/8"  | 44.5 | 56   | 19 | 54              | 63640104 | 95          | 63642104 |
| 1-3/16" | 44.5 | 58   | 21 | 54              | 63640106 | 95          | 63642106 |
| 1-1/4"  | 44.5 | 61   | 22 | 56              | 63640108 | 95          | 63642108 |
| 1-5/16" | 44.5 | 63.5 | 22 | 56              | 63640110 | 95          | 63642110 |
| 1-3/8"  | 44.5 | 66   | 22 | 56              | 63640112 | 95          | 63642112 |
| 1-7/16" | 44.5 | 68   | 24 | 56              | 63640114 | 95          | 63642114 |
| 1-1/2"  | 44.5 | 70   | 24 | 58              | 63640116 | 95          | 63642116 |
| 19mm    | 40   | 40   | 13 | 50              | 63645019 | 95          | 63647019 |
| 20mm    | 41   | 41   | 13 | 50              | 63645020 | 95          | 63647020 |
| 21mm    | 42   | 42   | 15 | 50              | 63645021 | 95          | 63647021 |
| 22mm    | 44   | 44   | 15 | 50              | 63645022 | 95          | 63647022 |
| 23mm    | 44.5 | 44.5 | 15 | 50              | 63645023 | 95          | 63647023 |
| 24mm    | 44.5 | 46   | 18 | 52              | 63645024 | 95          | 63647024 |
| 25mm    | 44.5 | 49.5 | 18 | 52              | 63645025 | 95          | 63647025 |
| 26mm    | 44.5 | 51   | 18 | 52              | 63645026 | 95          | 63647026 |
| 27mm    | 44.5 | 53   | 19 | 54              | 63645027 | 95          | 63647027 |
| 28mm    | 44.5 | 55   | 19 | 54              | 63645028 | 95          | 63647028 |
| 29mm    | 44.5 | 57   | 19 | 54              | 63645029 | 95          | 63647029 |
| 30mm    | 44.5 | 58   | 21 | 54              | 63645030 | 95          | 63647030 |
| 31mm    | 44.5 | 60   | 21 | 56              | 63645031 | 95          | 63647031 |
| 32mm    | 44.5 | 61   | 22 | 56              | 63645032 | 95          | 63647032 |
| 33mm    | 44.5 | 63.5 | 22 | 56              | 63645033 | 95          | 63647033 |
| 34mm    | 44.5 | 65   | 22 | 56              | 63645034 | 95          | 63647034 |
| 35mm    | 44.5 | 66   | 22 | 56              | 63645035 | 95          | 63647035 |
| 36mm    | 44.5 | 67.5 | 24 | 56              | 63645036 | 95          | 63647036 |
| 37mm    | 44.5 | 69   | 24 | 58              | 63645037 | 95          | 63647037 |
| 38mm    | 44.5 | 70   | 24 | 58              | 63645038 | 95          | 63647038 |



# Impact Sockets



## 8-Point Sockets - Double Square

1" Dr.,

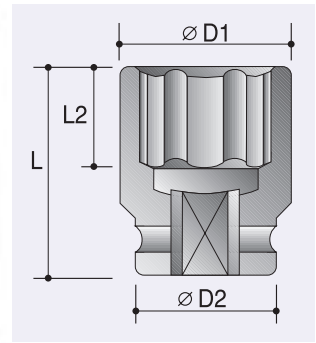
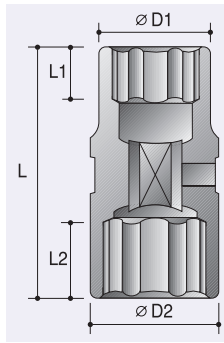
|          | D2 | D1   | L2 | Std. L |          | Deep L |          |      | D2 | D1   | L2 | Std. L |          | Deep L |          |
|----------|----|------|----|--------|----------|--------|----------|------|----|------|----|--------|----------|--------|----------|
| size     | mm | mm   | mm | mm     | No.      | mm     | No.      | size | mm | mm   | mm | mm     | No.      | mm     | No.      |
| 3/4"     | 54 | 45   | 13 | 60     | 63650024 | 100    | 63652024 | 19mm | 54 | 45   | 13 | 60     | 63655019 | 100    | 63657019 |
| 13/16"   | 54 | 47   | 15 | 60     | 63650026 | 100    | 63652026 | 20mm | 54 | 46.5 | 13 | 60     | 63655020 | 100    | 63657020 |
| 7/8"     | 54 | 49.5 | 15 | 60     | 63650028 | 100    | 63652028 | 21mm | 54 | 48   | 15 | 60     | 63655021 | 100    | 63657021 |
| 15/16"   | 54 | 52   | 18 | 60     | 63650030 | 100    | 63652030 | 22mm | 54 | 49.5 | 15 | 60     | 63655022 | 100    | 63657022 |
| 1"       | 54 | 54   | 18 | 60     | 63650100 | 100    | 63652100 | 23mm | 54 | 50.5 | 15 | 60     | 63655023 | 100    | 63657023 |
| 1-1/16"  | 54 | 56.5 | 19 | 60     | 63650102 | 100    | 63652102 | 24mm | 54 | 52   | 18 | 60     | 63655024 | 100    | 63657024 |
| 1-1/8"   | 54 | 59   | 19 | 62     | 63650104 | 100    | 63652104 | 25mm | 54 | 54   | 18 | 60     | 63655025 | 100    | 63657025 |
| 1-3/16"  | 54 | 61   | 21 | 62     | 63650106 | 100    | 63652106 | 26mm | 54 | 55   | 18 | 60     | 63655026 | 100    | 63657026 |
| 1-1/4"   | 54 | 61   | 22 | 62     | 63650108 | 100    | 63652108 | 27mm | 54 | 56.5 | 19 | 60     | 63655027 | 100    | 63657027 |
| 1-5/16"  | 54 | 66   | 22 | 62     | 63650110 | 100    | 63652110 | 28mm | 54 | 58   | 19 | 62     | 63655028 | 100    | 63657028 |
| 1-3/8"   | 58 | 68.5 | 22 | 65     | 63650112 | 100    | 63652112 | 29mm | 54 | 59.5 | 19 | 62     | 63655029 | 100    | 63657029 |
| 1-7/16"  | 58 | 71   | 24 | 67     | 63650114 | 100    | 63652114 | 30mm | 54 | 61   | 21 | 62     | 63655030 | 100    | 63657030 |
| 1-1/2"   | 58 | 73   | 24 | 67     | 63650116 | 100    | 63652116 | 31mm | 54 | 62   | 21 | 62     | 63655031 | 100    | 63657031 |
| 1-9/16"  | 58 | 75   | 24 | 70     | 63650118 | 100    | 63652118 | 32mm | 54 | 64   | 22 | 62     | 63655032 | 100    | 63657032 |
| 1-5/8"   | 58 | 78   | 27 | 70     | 63650120 | 100    | 63652120 | 33mm | 54 | 66   | 22 | 62     | 63655033 | 100    | 63657033 |
| 1-11/16" | 62 | 81.5 | 27 | 74     | 63650122 | 100    | 63652122 | 34mm | 54 | 67   | 22 | 62     | 63655034 | 100    | 63657034 |
| 1-3/4"   | 62 | 84   | 27 | 74     | 63650124 | 100    | 63652124 | 35mm | 58 | 68.5 | 22 | 65     | 63655035 | 100    | 63657035 |
| 1-13/16" | 62 | 86   | 30 | 76     | 63650126 | 100    | 63652126 | 36mm | 58 | 70   | 24 | 67     | 63655036 | 100    | 63657036 |
| 1-7/8"   | 62 | 88.5 | 30 | 76     | 63650128 | 100    | 63652128 | 37mm | 58 | 72   | 24 | 67     | 63655037 | 100    | 63657037 |
| 1-15/16" | 62 | 92   | 30 | 80     | 63650130 | 100    | 63652130 | 38mm | 58 | 73   | 24 | 67     | 63655038 | 100    | 63657038 |
| 2"       | 62 | 94   | 32 | 80     | 63650200 | 100    | 63652200 | 39mm | 58 | 74   | 24 | 70     | 63655039 | 100    | 63657039 |
| 2-1/16"  | 62 | 96   | 32 | 84     | 63650202 | 100    | 63652202 | 40mm | 58 | 76   | 24 | 70     | 63655040 | 100    | 63657040 |
| 2-1/8"   | 62 | 98   | 32 | 84     | 63650204 | 100    | 63652204 | 41mm | 58 | 78   | 27 | 70     | 63655041 | 100    | 63657041 |
| 2-3/16"  | 62 | 101  | 35 | 84     | 63650206 | 100    | 63652206 | 42mm | 58 | 80   | 27 | 74     | 63655042 | 100    | 63657042 |
| 2-1/4"   | 62 | 103  | 35 | 84     | 63650208 | 105    | 63652208 | 43mm | 62 | 81.5 | 27 | 74     | 63655043 | 100    | 63657043 |
|          |    |      |    |        |          |        |          | 44mm | 62 | 83.5 | 27 | 74     | 63655044 | 100    | 63657044 |
|          |    |      |    |        |          |        |          | 45mm | 62 | 85   | 27 | 74     | 63655045 | 100    | 63657045 |
|          |    |      |    |        |          |        |          | 46mm | 62 | 86   | 30 | 76     | 63655046 | 100    | 63657046 |
|          |    |      |    |        |          |        |          | 47mm | 62 | 87.5 | 30 | 76     | 63655047 | 100    | 63657047 |
|          |    |      |    |        |          |        |          | 48mm | 62 | 89   | 30 | 76     | 63655048 | 100    | 63657048 |
|          |    |      |    |        |          |        |          | 50mm | 62 | 93   | 32 | 80     | 63655050 | 100    | 63657050 |
|          |    |      |    |        |          |        |          | 51mm | 62 | 94   | 32 | 80     | 63655051 | 100    | 63657051 |
|          |    |      |    |        |          |        |          | 52mm | 62 | 96   | 32 | 84     | 63655052 | 100    | 63657052 |
|          |    |      |    |        |          |        |          | 53mm | 62 | 97   | 32 | 84     | 63655053 | 100    | 63657053 |
|          |    |      |    |        |          |        |          | 54mm | 62 | 98   | 32 | 84     | 63655054 | 100    | 63657054 |
|          |    |      |    |        |          |        |          | 55mm | 62 | 100  | 35 | 84     | 63655055 | 100    | 63657055 |
|          |    |      |    |        |          |        |          | 56mm | 62 | 102  | 35 | 84     | 63655056 | 105    | 63657056 |



# Wheel Nut Sockets

1/2" Sq. Dr., Flip Sockets  
1/2" Sq. Dr., Spindle Nut Sockets  
1/2" Sq. Dr., Wheel Nut Sockets  
1/2" Sq. Dr., Remover Nut Sockets  
1/2" Sq. Dr., Truck Service Sockets  
3/4" Sq. Dr., Truck Service Sockets  
1" Sq. Dr., Truck Service Sockets  
1-1/2" Sq. Dr., Truck Service Sockets  
#5 Spline Dr., Truck Service Sockets  
Torque Limiting Sockets  
Broken Nut Tools

# Impact Sockets



6-Point Flip Sockets - Deep

6-Point Flip Sockets  
- Thin Wall Deep

6-Point, Spindle Nut Impact Sockets

## 6-Point Flip Sockets - Deep

### 1/2" Dr.,

| size          | D2<br>mm | D1<br>mm | L1<br>mm | L2<br>mm | L<br>mm | No.      |
|---------------|----------|----------|----------|----------|---------|----------|
| 3/4" x 13/16" | 30       | 28       | 27       | 23       | 76      | 66022240 |
| 17mm x 19mm   | 28       | 26       | 27       | 18       | 76      | 66027171 |
| 17mm x 21mm   | 30       | 26       | 27       | 18       | 76      | 66027173 |
| 19mm x 21mm   | 30       | 28       | 27       | 23       | 76      | 66027191 |

## 6-Point Flip Sockets - Thin Wall Deep

### 1/2" Dr.,

| size          | D2<br>mm | D1<br>mm | L1<br>mm | L2<br>mm | L<br>mm | No.      |
|---------------|----------|----------|----------|----------|---------|----------|
| 3/4" x 13/16" | 28       | 26       | 27       | 23       | 76      | 66722240 |
| 7/8" x 15/16" | 32       | 34       | 25.5     | 30.5     | 83      | 66222280 |
| 1" x 1-1/16"  | 35       | 38       | 25.5     | 30.5     | 83      | 66222320 |
| 19mm x 21mm   | 28       | 26       | 27       | 23       | 76      | 66727191 |

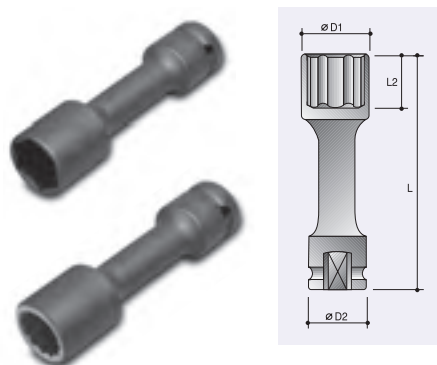
## 6-Point, Spindle Nut Impact Sockets

### 1/2" Dr.,

| size | D2<br>mm | D1<br>mm | L2<br>mm | L<br>mm | No.      |
|------|----------|----------|----------|---------|----------|
| 30mm | 43       | 43       | 21.5     | 89      | 61921030 |
| 32mm | 43       | 45       | 21.5     | 89      | 61921032 |
| 34mm | 43       | 48       | 21.5     | 89      | 61921034 |
| 35mm | 43       | 50       | 21.5     | 89      | 61921035 |
| 36mm | 43       | 52       | 21.5     | 89      | 61921036 |

## Wheel Nut Impact Socket

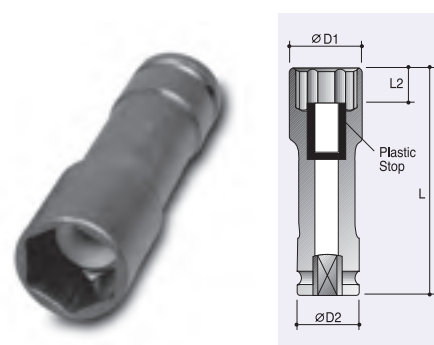
| 1/2" Dr., |    |      |    |     |                |                 |
|-----------|----|------|----|-----|----------------|-----------------|
|           | D2 | D1   | L2 | L   | 6-Point<br>No. | 12-Point<br>No. |
| size      | mm | mm   | mm | mm  |                |                 |
| 14mm      | 25 | 21   | 17 | 110 | x              | 63928014        |
| 17mm      | 25 | 24   | 20 | 110 | 61127017       | 63928017        |
| 19mm      | 25 | 26   | 21 | 110 | 61127019       | 63928019        |
| 21mm      | 25 | 27.5 | 23 | 110 | 61127021       | 63928021        |
| 22mm      | 25 | 29.5 | 24 | 110 | 61127022       | 63928022        |



Wheel Nut Impact Socket

## 6-Point, Wheel Nut Impact Socket

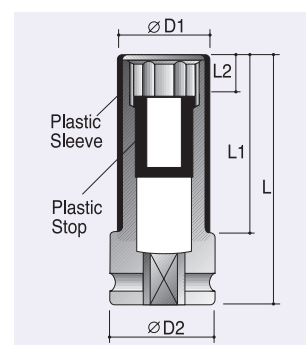
| With Plastic Stop |    |      |    |     |          |
|-------------------|----|------|----|-----|----------|
| 1/2" Dr.,         |    |      |    |     |          |
|                   | D2 | D1   | L2 | L   | No.      |
| size              | mm | mm   | mm | mm  |          |
| 17mm              | 25 | 24   | 12 | 105 | 61128017 |
| 19mm              | 25 | 26   | 13 | 105 | 61128019 |
| 21mm              | 25 | 27.5 | 15 | 105 | 61128021 |
| 22mm              | 25 | 29.5 | 16 | 105 | 61128022 |



6-Point, Wheel Nut Impact Socket - With Plastic Stop

## 6-Point, Wheel Nut Impact Socket

| With Plastic Sleeve & Stop |    |      |    |     |          |
|----------------------------|----|------|----|-----|----------|
| 1/2" Dr.,                  |    |      |    |     |          |
|                            | D2 | D1   | L2 | L   | No.      |
| size                       | mm | mm   | mm | mm  |          |
| 15mm - White               | 30 | 24   | 14 | 80  | 61126015 |
| 17mm - Blue                | 30 | 27   | 14 | 85  | 61126017 |
| 19mm - Yellow              | 30 | 29   | 15 | 85  | 61126019 |
| 21mm - Red                 | 30 | 31   | 17 | 85  | 61126021 |
| 22mm - Green               | 30 | 32.5 | 18 | 85  | 61126022 |
| 17mm - Blue                | 25 | 27   | 24 | 130 | 6112J017 |
| 19mm - Yellow              | 30 | 29   | 24 | 130 | 6112J019 |
| 21mm - Red                 | 30 | 31   | 24 | 130 | 6112J021 |
| 22mm - Green               | 30 | 32.5 | 24 | 130 | 6112J022 |
| 1 1/16" - Blue             | 25 | 27   | 24 | 130 | 6112J522 |
| 3/4" - Yellow              | 30 | 29   | 24 | 130 | 6112J524 |
| 13/16" - Red               | 30 | 31   | 24 | 130 | 6112J526 |
| 7/8" - Green               | 30 | 32.5 | 24 | 130 | 6112J528 |



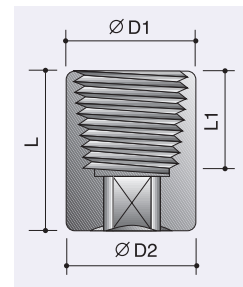
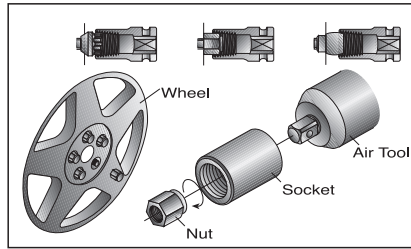
6-Point, Wheel Nut Impact Socket - With Plastic Sleeve & Stop

# Impact Sockets

## Wheel Lug Nut Removing Sockets

1/2" Dr.,

|        | D2   | D1   | L2 | L  |          |
|--------|------|------|----|----|----------|
| size   | mm   | mm   | mm | mm | No.      |
| 13.5mm | 22   | 22   | 17 | 38 | 69782088 |
| 15.5mm | 24   | 24   | 17 | 38 | 69782089 |
| 17mm   | 24   | 24   | 17 | 38 | 69782090 |
| 18.5mm | 25   | 25   | 17 | 38 | 69782091 |
| 20mm   | 26   | 26   | 22 | 38 | 69782092 |
| 21.5mm | 28.5 | 28.5 | 22 | 38 | 69782093 |
| 23mm   | 30   | 30   | 22 | 38 | 69782094 |
| 24.5mm | 31   | 31   | 22 | 38 | 69782095 |
| 26mm   | 32   | 32   | 22 | 38 | 69782096 |
| 27.5mm | 34   | 34   | 22 | 38 | 69782097 |
| 29.5mm | 36   | 36   | 22 | 38 | 69782098 |
| 31.5mm | 38   | 38   | 22 | 38 | 69782099 |



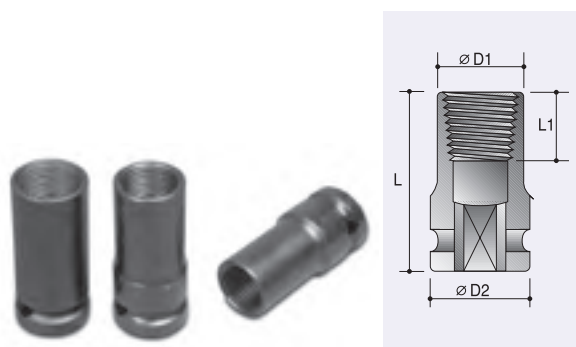
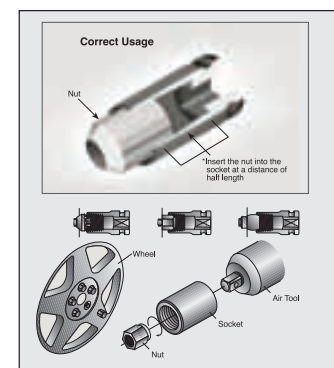
Wheel Lug Nut Removing Sockets

## Deep

## Thin Wall Deep

1/2" Dr.,

|        | D2 | D1   | L2 | L  |          |        | D2 | D1   | L2 | L  |          |
|--------|----|------|----|----|----------|--------|----|------|----|----|----------|
| size   | mm | mm   | mm | mm | No.      | size   | mm | mm   | mm | mm | No.      |
| 13.5mm | 25 | 22   | 21 | 55 | 69782500 | 17mm   | 25 | 21.6 | 25 | 55 | 69782206 |
| 15.5mm | 25 | 22.5 | 21 | 55 | 69782504 | 18.5mm | 25 | 23.7 | 25 | 55 | 69782209 |
| 17mm   | 25 | 23   | 21 | 55 | 69782507 | 20mm   | 25 | 25.5 | 25 | 55 | 69782212 |
| 17.5mm | 25 | 23   | 21 | 55 | 69782508 | 21.5mm | 30 | 27   | 25 | 55 | 69782215 |
| 18.5mm | 25 | 25   | 21 | 55 | 69782510 | 23mm   | 30 | 28   | 25 | 55 | 69782218 |
| 19mm   | 25 | 25   | 21 | 55 | 69782511 | 24.5mm | 30 | 30   | 25 | 55 | 69782221 |
| 20mm   | 25 | 26   | 21 | 55 | 69782513 | 26mm   | 30 | 30   | 25 | 55 | 69782224 |
| 20.5mm | 30 | 27   | 21 | 55 | 69782514 | 27.5mm | 30 | 33   | 25 | 55 | 69782227 |
| 21.5mm | 30 | 28   | 21 | 55 | 69782516 |        |    |      |    |    |          |
| 22.2mm | 30 | 29   | 21 | 55 | 69782518 |        |    |      |    |    |          |
| 22.5mm | 30 | 29   | 21 | 55 | 69782519 |        |    |      |    |    |          |
| 23mm   | 30 | 30   | 21 | 55 | 69782520 |        |    |      |    |    |          |
| 24mm   | 30 | 30   | 21 | 55 | 69782522 |        |    |      |    |    |          |
| 24.5mm | 30 | 30.5 | 21 | 55 | 69782523 |        |    |      |    |    |          |
| 25.5mm | 30 | 31   | 21 | 55 | 69782525 |        |    |      |    |    |          |
| 26mm   | 30 | 32   | 21 | 55 | 69782526 |        |    |      |    |    |          |
| 27.5mm | 30 | 34   | 21 | 55 | 69782529 |        |    |      |    |    |          |
| 29.5mm | 30 | 36   | 21 | 55 | 69782533 |        |    |      |    |    |          |
| 31.5mm | 30 | 38   | 21 | 55 | 69782537 |        |    |      |    |    |          |



Deep

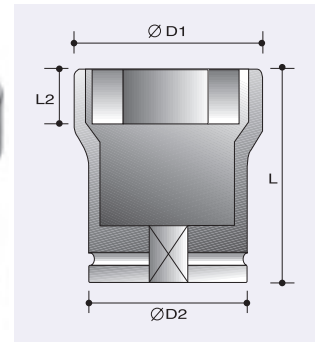


Thin Wall Deep

## 6-Point Truck Pinion Sockets

### 3/4" Dr.,

|        | D2   | D1   | L2 | L   |          |
|--------|------|------|----|-----|----------|
| size   | mm   | mm   | mm | mm  | No.      |
| 2"     | 58   | 67.5 | 26 | 105 | 6044N200 |
| 2-1/8" | 60   | 71.5 | 26 | 105 | 6044N204 |
| 2-1/4" | 64   | 76   | 26 | 105 | 6044N208 |
| 2-3/8" | 67   | 80   | 26 | 105 | 6044N212 |
| 2-1/2" | 70.5 | 83   | 26 | 105 | 6044N216 |
| 2-5/8" | 73.5 | 87   | 26 | 105 | 6044N220 |
| 2-3/4" | 77   | 91.5 | 26 | 105 | 6044N224 |
| 55mm   | 61   | 72.5 | 26 | 105 | 6054N055 |
| 65mm   | 71   | 84.5 | 26 | 105 | 6054N065 |

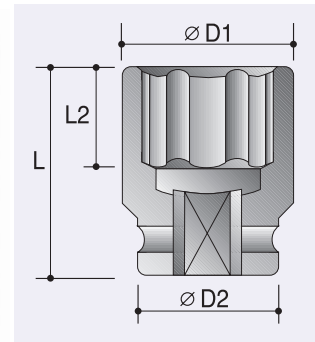


6-Point Truck Pinion Sockets

## 6-Point Budd Wheel Sockets - Control Depth Hex

### 3/4" Dr.,

|        | D2 | D1 | L2 | L   |          |
|--------|----|----|----|-----|----------|
| size   | mm | mm | mm | mm  | No.      |
| 1-1/2" | 57 | 57 | 14 | 97  | 61840116 |
| 1-1/2" | 60 | 60 | 66 | 102 | 61841116 |



6-Point Budd Wheel Sockets - Control Depth Hex

## Combination Budd Wheel Sockets

### 3/4" Dr.,

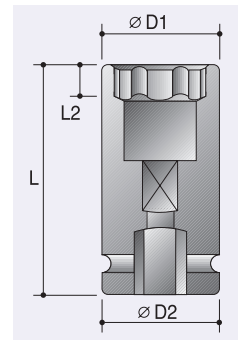
|                     | D2 | D1 | L2 | L  |          |
|---------------------|----|----|----|----|----------|
| size                | mm | mm | mm | mm | No.      |
| 1-1/2" x 13/16" Sq. | 57 | 57 | 14 | 97 | 61440116 |
| 35mm x 17mm Sq.     | 52 | 54 | 13 | 90 | 61540035 |
| 41mm x 21mm Sq.     | 54 | 58 | 14 | 97 | 61540041 |



## Combination Budd Wheel Sockets

### 3/4" Dr.,

|                     | D2 | D1 | L2 | L  |          |
|---------------------|----|----|----|----|----------|
| size                | mm | mm | mm | mm | No.      |
| 1-1/2" x 13/16" Sq. | 57 | 57 | 14 | 97 | 61640116 |
| 32mm x 17mm Sq.     | 52 | 50 | 12 | 90 | 61740032 |
| 35mm x 17mm Sq.     | 52 | 54 | 13 | 90 | 61740035 |
| 38mm x 20mm Sq.     | 54 | 56 | 14 | 95 | 61740038 |
| 41mm x 21mm Sq.     | 54 | 58 | 14 | 97 | 61740041 |
| 41mm x 19mm Sq.     | 54 | 56 | 14 | 95 | 61745041 |
| 41mm x 20mm Sq.     | 54 | 57 | 14 | 95 | 61746041 |



Combination Budd Wheel Sockets

# Impact Sockets

## 6-Point Extra Long Socket For Wheel Nuts

### 1/2" Dr.,

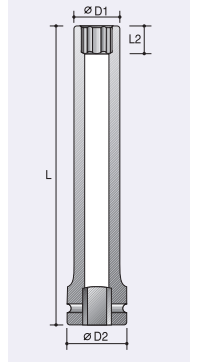
| size | D2 | D1   | L2 | L   | No.      |
|------|----|------|----|-----|----------|
| 19mm | 28 | 28   | 13 | 250 | 60529019 |
| 21mm | 28 | 31   | 13 | 250 | 60529021 |
| 24mm | 28 | 35   | 15 | 250 | 60529024 |
| 27mm | 32 | 38.5 | 17 | 250 | 60529027 |
| 29mm | 32 | 41   | 17 | 250 | 60529029 |
| 30mm | 32 | 42   | 17 | 250 | 60529030 |
| 32mm | 34 | 44   | 19 | 250 | 60529032 |
| 33mm | 34 | 45   | 19 | 250 | 60529033 |
| 35mm | 36 | 47   | 19 | 250 | 60529035 |
| 36mm | 36 | 49   | 19 | 250 | 60529036 |
| 38mm | 36 | 51   | 19 | 250 | 60529038 |



6-Point Extra Long Socket For Wheel Nuts



12-Point Extra Long Socket For Wheel Nuts



## 12-Point Extra Long Socket For Wheel Nuts

### 1/2" Dr.,

| size    | D2 | D1   | L2 | L   | No.      | size | D2 | D1   | L2 | L   | No.      |
|---------|----|------|----|-----|----------|------|----|------|----|-----|----------|
| 3/4"    | 28 | 28   | 13 | 250 | 65828024 | 19mm | 28 | 28   | 13 | 250 | 65829019 |
| 13/16"  | 28 | 31   | 13 | 250 | 65828026 | 21mm | 28 | 31   | 13 | 250 | 65829021 |
| 15/16"  | 28 | 35   | 15 | 250 | 65828030 | 24mm | 28 | 35   | 15 | 250 | 65829024 |
| 1-1/16" | 32 | 38.5 | 17 | 250 | 65828102 | 27mm | 32 | 38.5 | 17 | 250 | 65829027 |
| 1-1/8"  | 32 | 41   | 17 | 250 | 65828104 | 29mm | 32 | 41   | 17 | 250 | 65829029 |
| 1-3/16" | 32 | 42   | 17 | 250 | 65828106 | 30mm | 32 | 42   | 17 | 250 | 65829030 |
| 1-1/4"  | 34 | 44   | 19 | 250 | 65828108 | 32mm | 34 | 44   | 19 | 250 | 65829032 |
| 1-5/16" | 34 | 45   | 19 | 250 | 65828110 | 33mm | 34 | 45   | 19 | 250 | 65829033 |
| 1-3/8"  | 36 | 47   | 19 | 250 | 65828112 | 35mm | 36 | 47   | 19 | 250 | 65829035 |
| 1-7/16" | 36 | 49   | 19 | 250 | 65828114 | 36mm | 36 | 49   | 19 | 250 | 65829036 |
| 1-1/2"  | 36 | 51   | 19 | 250 | 65828116 | 38mm | 36 | 51   | 19 | 250 | 65829038 |

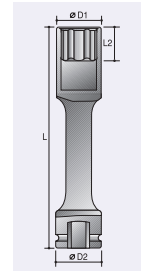
## 6-Point Extra Long Socket For Wheel Nuts

### 3/4" Dr.,

| size       | D2 | D1   | L2 | L   | No.      | size | D2 | D1   | L2 | L   | No.      |
|------------|----|------|----|-----|----------|------|----|------|----|-----|----------|
| 13/16" Sq. | 44 | 43   | 40 | 230 | 63044026 | 24mm | 44 | 38.5 | 24 | 400 | 61146024 |
| 1-1/16"    | 44 | 42   | 40 | 230 | 60444102 | 27mm | 44 | 42   | 27 | 400 | 61146027 |
| 1-1/8"     | 44 | 43   | 40 | 230 | 60444104 | 30mm | 44 | 45   | 30 | 400 | 61146030 |
| 1-1/4"     | 44 | 47   | 40 | 230 | 60444108 | 32mm | 44 | 47   | 32 | 400 | 61146032 |
| 1-1/2"     | 44 | 54   | 40 | 230 | 60444116 | 33mm | 44 | 48   | 32 | 400 | 61146033 |
| 33mm       | 44 | 48   | 40 | 230 | 60549033 | 36mm | 44 | 53.5 | 32 | 400 | 61146036 |
| 24mm       | 44 | 38.5 | 24 | 270 | 61145024 |      |    |      |    |     |          |
| 27mm       | 44 | 42   | 27 | 270 | 61145027 |      |    |      |    |     |          |
| 30mm       | 44 | 45   | 30 | 270 | 61145030 |      |    |      |    |     |          |
| 32mm       | 44 | 47   | 32 | 270 | 61145032 |      |    |      |    |     |          |
| 33mm       | 44 | 48   | 32 | 270 | 61145033 |      |    |      |    |     |          |
| 36mm       | 44 | 53.5 | 32 | 270 | 61145036 |      |    |      |    |     |          |
| 38mm       | 44 | 54   | 38 | 270 | 61145038 |      |    |      |    |     |          |
| 41mm       | 44 | 57   | 38 | 270 | 61145041 |      |    |      |    |     |          |
| 42mm       | 44 | 59   | 38 | 270 | 61145042 |      |    |      |    |     |          |
| 46mm       | 44 | 63   | 38 | 270 | 61145046 |      |    |      |    |     |          |
| 50mm       | 44 | 68   | 38 | 270 | 61145050 |      |    |      |    |     |          |
| 55mm       | 44 | 74   | 38 | 270 | 61145055 |      |    |      |    |     |          |



6-Point Extra Long Socket For Wheel Nuts

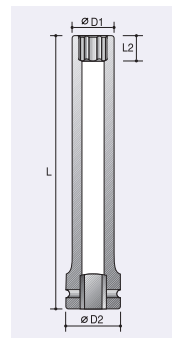
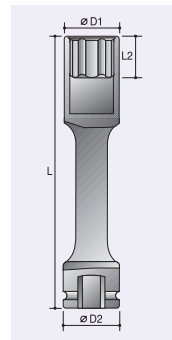


## 6-Point Extra Long Socket For Wheel Nuts

| 1" Dr., |    |    |    |     |          |      |    |      |    |     |          |
|---------|----|----|----|-----|----------|------|----|------|----|-----|----------|
| size    | D2 | D1 | L2 | L   | No.      | size | D2 | D1   | L2 | L   | No.      |
| 1-1/4"  | 54 | 51 | 32 | 270 | 60454108 | 60mm | 54 | 87   | 42 | 270 | 60559060 |
| 24mm    | 54 | 42 | 24 | 270 | 60559024 | 65mm | 54 | 93   | 42 | 270 | 60559065 |
| 26mm    | 54 | 44 | 26 | 270 | 60559026 | 70mm | 54 | 100  | 42 | 270 | 60559070 |
| 27mm    | 54 | 45 | 27 | 270 | 60559027 | 75mm | 86 | 106  | 45 | 270 | 60559075 |
| 29mm    | 54 | 47 | 29 | 270 | 60559029 | 23mm | 54 | 37.5 | 23 | 400 | 6115H023 |
| 30mm    | 54 | 50 | 30 | 270 | 60559030 | 24mm | 54 | 38.5 | 24 | 400 | 6115H024 |
| 32mm    | 54 | 52 | 32 | 270 | 60559032 | 26mm | 54 | 41   | 26 | 400 | 6115H026 |
| 33mm    | 54 | 52 | 32 | 270 | 60559033 | 27mm | 54 | 42.5 | 27 | 400 | 6115H027 |
| 36mm    | 54 | 57 | 36 | 270 | 60559036 | 29mm | 54 | 45   | 29 | 400 | 6115H029 |
| 38mm    | 54 | 60 | 38 | 270 | 60559038 | 30mm | 54 | 46   | 30 | 400 | 6115H030 |
| 41mm    | 54 | 63 | 38 | 270 | 60559041 | 32mm | 54 | 48.5 | 32 | 400 | 6115H032 |
| 42mm    | 54 | 65 | 38 | 270 | 60559042 | 33mm | 54 | 50   | 32 | 400 | 6115H033 |
| 46mm    | 54 | 70 | 38 | 270 | 60559046 | 34mm | 54 | 51   | 32 | 400 | 6115H034 |
| 50mm    | 54 | 75 | 38 | 270 | 60559050 | 36mm | 54 | 53.5 | 32 | 400 | 6115H036 |
| 55mm    | 54 | 81 | 40 | 270 | 60559055 | 38mm | 54 | 55   | 32 | 400 | 6115H038 |

## 6-Point Extra Long Socket For Wheel Nuts

| 1-1/2" Dr., |    |     |    |     |          |
|-------------|----|-----|----|-----|----------|
| size        | D2 | D1  | L2 | L   | No.      |
| 65mm        | 86 | 100 | 42 | 300 | 60569065 |
| 70mm        | 86 | 106 | 46 | 300 | 60569070 |
| 75mm        | 86 | 112 | 49 | 300 | 60569075 |
| 80mm        | 86 | 119 | 53 | 300 | 60569080 |
| 85mm        | 86 | 125 | 56 | 300 | 60569085 |



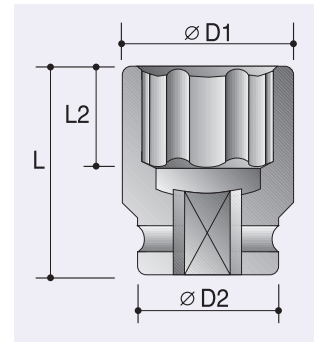
6-Point Extra Long Socket For Wheel Nuts

# Impact Sockets

## 6-Point Budd Wheel Sockets - Control Depth Hex

### 1" Dr.,

| size   | D2 | D1 | L2 | L   | No.      |
|--------|----|----|----|-----|----------|
| 1-1/2" | 54 | 57 | 14 | 90  | 61850116 |
| 1-1/2" | 60 | 60 | 14 | 98  | 61851116 |
| 1-1/2" | 60 | 60 | 64 | 102 | 61852116 |

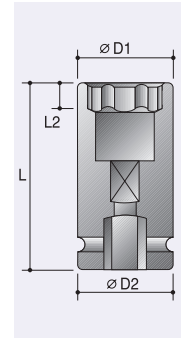


6-Point Budd Wheel Sockets - Control Depth Hex

## Combination Budd Wheel Sockets

### 1" Dr.,

| size                | D2 | D1 | L2 | L   | No.      |
|---------------------|----|----|----|-----|----------|
| 1-1/2" x 13/16" Sq. | 57 | 57 | 14 | 100 | 61450116 |
| 35mm x 17mm Sq.     | 52 | 54 | 13 | 94  | 61550035 |
| 38mm x 19mm Sq.     | 54 | 56 | 14 | 94  | 61550038 |
| 38mm x 20mm Sq.     | 54 | 56 | 14 | 96  | 61551038 |
| 41mm x 21mm Sq.     | 54 | 58 | 14 | 100 | 61550041 |
| 1-1/2" x 13/16" Sq. | 57 | 57 | 14 | 100 | 61650116 |
| 35mm x 17mm Sq.     | 52 | 54 | 13 | 94  | 61750035 |
| 38mm x 19mm Sq.     | 54 | 56 | 14 | 94  | 61750038 |
| 38mm x 20mm Sq.     | 54 | 56 | 14 | 96  | 61751038 |
| 41mm x 21mm Sq.     | 54 | 58 | 14 | 100 | 61750041 |
| 41mm x 19mm Sq.     | 54 | 56 | 14 | 99  | 61755041 |
| 41mm x 20mm Sq.     | 54 | 57 | 14 | 99  | 61756041 |

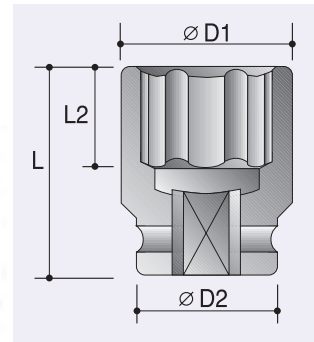


Combination Budd Wheel Sockets

## 4-Point Sockets

### #5 Spline Dr.,

| size       | D2 | D1 | L2 | L  | No.      |
|------------|----|----|----|----|----------|
| 13/16" Sq. | 55 | 44 | 24 | 68 | 67200026 |
| 15/16" Sq. | 55 | 44 | 24 | 68 | 67200030 |
| 17mm Sq.   | 55 | 52 | 24 | 77 | 67245017 |
| 21mm Sq.   | 55 | 52 | 24 | 77 | 67245021 |



4-Point Sockets

## 6-Point Budd Wheel Sockets - Control Depth Hex

### #5 Spline Dr.,

| size   | D2 | D1 | L2 | L   | No.      |
|--------|----|----|----|-----|----------|
| 1-1/2" | 60 | 60 | 14 | 102 | 67040116 |
| 1-1/2" | 60 | 60 | 50 | 103 | 67041116 |
| 1-1/2" | 60 | 60 | 22 | 105 | 67042116 |



6-Point Budd Wheel Sockets - Control Depth Hex  
Combination Budd Wheel Sockets

## Combination Budd Wheel Sockets

### #5 Spline Dr.,

| size                | D2 | D1 | L2 | L   | No.      |
|---------------------|----|----|----|-----|----------|
| 1-1/2" x 13/16" Sq. | 58 | 58 | 14 | 108 | 67011116 |
| 35mm x 17mm Sq.     | 54 | 54 | 13 | 108 | 67016035 |
| 38mm x 20mm Sq.     | 56 | 56 | 14 | 108 | 67016038 |
| 41mm x 21mm Sq.     | 58 | 58 | 14 | 108 | 67016041 |
| 41mm x 19mm Sq.     | 56 | 56 | 14 | 108 | 6701L041 |
| 41mm x 20mm Sq.     | 57 | 57 | 14 | 108 | 6701M041 |



Torque Limiting Extensions



Torque Limiting Sockets

## Torque Limiting Extensions

| size          | Ft. Lbs | N-m | Color  | D2 | L   | No.      |
|---------------|---------|-----|--------|----|-----|----------|
|               |         |     |        | mm | mm  |          |
| 1/2"F x 1/2"M | 65      | 90  | Yellow | 27 | 194 | 68221G07 |
| 1/2"F x 1/2"M | 80      | 110 | Blue   | 27 | 194 | 68221L07 |
| 1/2"F x 1/2"M | 100     | 135 | Gray   | 27 | 194 | 68221M07 |
| 1/2"F x 1/2"M | 120     | 160 | White  | 27 | 194 | 68221P07 |
| 1/2"F x 1/2"M | 140     | 190 | Aqua   | 27 | 194 | 68221R07 |
| 3/4"F x 3/4"M | 250     | 350 | Red    | 40 | 260 | 68241W08 |
| 3/4"F x 3/4"M | 475     | 650 | Yellow | 40 | 260 | 68241J08 |
| 1"F x 1"M     | 250     | 350 | Red    | 51 | 280 | 68251W09 |
| 1"F x 1"M     | 475     | 650 | Yellow | 51 | 280 | 68251J09 |

## Torque Limiting Sockets

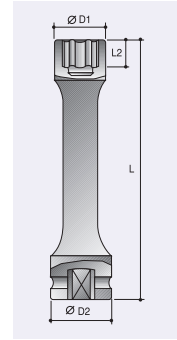
| □ 1/2" Dr., |         |     |            |    |      |    |     |          |
|-------------|---------|-----|------------|----|------|----|-----|----------|
| size        | Ft. Lbs | N-m | Color      | D2 | D1   | L2 | L   | No.      |
|             |         |     |            | mm | mm   | mm | mm  |          |
| 17mm        | 55      | 75  | Green      | 27 | 26.8 | 28 | 220 | 68122D17 |
| 17mm        | 80      | 110 | Red        | 27 | 26.8 | 28 | 220 | 68122L17 |
| 19mm        | 65      | 90  | Yellow     | 27 | 29.1 | 28 | 220 | 68122G19 |
| 19mm        | 80      | 110 | Blue       | 27 | 29.8 | 28 | 220 | 68122L19 |
| 19mm        | 100     | 135 | Gray       | 27 | 31.2 | 28 | 220 | 68122M19 |
| 21mm        | 60      | 80  | Black      | 27 | 31.2 | 28 | 220 | 68122E21 |
| 21mm        | 80      | 110 | Lt. Brown  | 27 | 31.2 | 28 | 220 | 68122L21 |
| 21mm        | 150     | 200 | Charcoal   | 27 | 31.2 | 28 | 220 | 68122S21 |
| 13/16"      | 100     | 135 | Brown      | 27 | 31.2 | 28 | 220 | 68022M26 |
| 7/8"        | 100     | 135 | Light Blue | 27 | 33.3 | 28 | 220 | 68022M28 |
| 7/8"        | 120     | 160 | White      | 27 | 33.3 | 28 | 220 | 68022P28 |
| 7/8"        | 140     | 190 | Turquoise  | 27 | 33.3 | 28 | 220 | 68022R28 |
| 15/16"      | 140     | 190 | Lt. Green  | 27 | 34.8 | 28 | 220 | 68022Q30 |
| 1"          | 140     | 190 | Purple     | 27 | 38.7 | 28 | 220 | 68022R32 |
| 1-1/16"     | 140     | 190 | Tan        | 27 | 42.2 | 28 | 220 | 68022R34 |

# Impact Sockets

## Torque Limiting Sockets

1" Dr.,

| size       | Ft. Lbs | N-m | D2<br>mm | D1<br>mm | L2<br>mm | L<br>mm | No.      |
|------------|---------|-----|----------|----------|----------|---------|----------|
| 23mm       | 180     | 250 | 49       | 38       | 28       | 305     | 68552U23 |
| 24mm       | 250     | 350 | 49       | 40       | 28       | 305     | 68552W24 |
| 27mm       | 250     | 350 | 49       | 46       | 28       | 305     | 68552W27 |
| 27mm       | 330     | 450 | 49       | 46       | 28       | 305     | 68552Z27 |
| 29mm       | 290     | 400 | 49       | 48       | 28       | 305     | 68552Y29 |
| 30mm       | 400     | 550 | 49       | 49       | 28       | 305     | 68552B30 |
| 32mm       | 360     | 500 | 54       | 53       | 28       | 305     | 68552A32 |
| 32mm       | 440     | 600 | 54       | 53       | 28       | 305     | 68552C32 |
| 32mm       | 510     | 700 | 54       | 53       | 28       | 305     | 68552F32 |
| 33mm       | 360     | 500 | 54       | 54       | 28       | 305     | 68552A33 |
| 33mm       | 440     | 600 | 54       | 54       | 28       | 305     | 68552C33 |
| 36mm       | 440     | 600 | 54       | 57       | 28       | 305     | 68552C36 |
| 1-1/4"     | 250     | 350 | 54       | 53       | 28       | 305     | 68452W40 |
| 1-5/16"    | 475     | 650 | 54       | 54       | 28       | 305     | 68452J42 |
| 1-1/2"     | 475     | 650 | 54       | 54       | 28       | 305     | 68452J48 |
| 13/16" Sq. | 475     | 650 | 54       | 54       | 28       | 305     | 6845AJ26 |



### WARNING- ATTENTION REQUIRED!

In order to obtain accurate torque, the following procedure must be followed. Failure to follow this procedure could result in injury or death.

#### **Using your Torque Limiting Socket**

In order to obtain accurate torque you must allow Torque Limiting Socket to tighten the fastener completely. This is accomplished by allowing Torque Limiting Socket to tighten to the point where the fastener stops moving. Do Not stop before that point and Do Not tighten beyond where the fastener visibly stops moving. A good rule for consistent results is 2.5 seconds of impact time on the fastener. Failure to observe all procedures will result in inaccurate results.

#### **Calibrating Your Impact Gun**

Torque Limiting Sockets are calibrated with a 1/2" impact gun rated at 250 ft. lbs. with 90-100 psig of inlet pressure.

1. Tighten the fastener with one Torque Limiting Socket (for example try an 80 ft. lb. Torque Limiting Socket.)
2. Measure the break away torque in the tightening direction of the fastener with a dial type torque wrench. If the reading is above 80 ft. lb. turn the impact gun dial down one notch.
3. Repeat the above procedure until the fastener, Torque Limiting Socket and torque wrench are in sync. Your impact gun is now calibrated for any of the Torque Limiting Sockets that you choose.
4. Each time you use a Torque Limiting Socket, remember to reset the impact gun and inlet pressure to the determined settings. Any time you change your impact gun, air lines or compressor, you should re-calibrate your impact wrench.

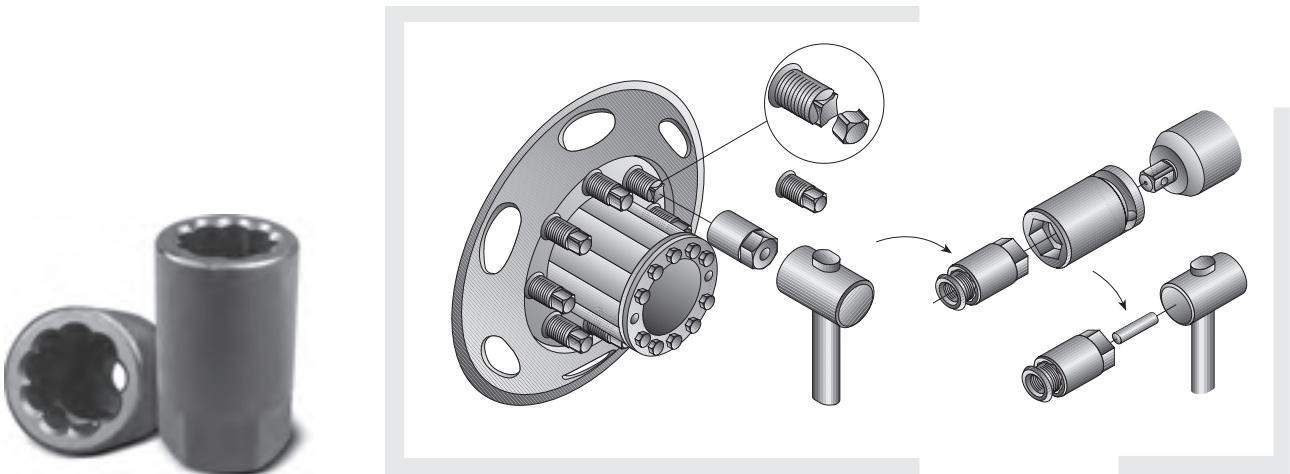
- ⚠ **Do not** exceed 90-100 psig, operating pressure at the tool inlet while using Torque Limiting Socket.
- ⚠ **Do not** use an impact wrench exceeding 250 ft. lbs.
- ⚠ **Always** wear safety goggles, face, hand and body protective equipment when using Torque Limiting Socket or an impact wrench.
- ⚠ **Do not** hold on to Torque Limiting Socket while in use.
- ⚠ **Do not** run Torque Limiting Socket while off the fastener.
- ⚠ **Do not** use Torque Limiting Socket for removing lug nuts.
- ⚠ **Always** follow the manufacturers specification for lug nut torque.
- ⚠ **Always** make sure all wheel, studs and mounting faces of the hub are free of damage and dirt. When necessary use a wire brush to remove all dirt and rust and replace all worn or damaged parts. After running the vehicle for a distance the lug nuts should be checked again for proper torque.

#### **How ACTION Torque Limiting Sockets Work**

ACTION Torque Limiting Socket is a torque limiting tool. When a lugnut is tightened with a Torque Limiting Socket and impact gun, the lugnut stops turning at the specified torque. This is possible because the shaft of the Torque Limiting Socket is made from spring steel and starts to twist when the impact gun tries to over-torque the lugnut. When the hammer inside the impact wrench stops and rotates for the next blow the shaft unwinds, this allows the fastener to stop turning at the correct torque while the drive end twists, advances and then retreats, limiting the torque delivered.

**Order No.    Application**

|          |  |
|----------|--|
| 69775040 | 5/8" Wheel stud removal tool, Length 51mm                          |
| 69775050 | 3/4" Wheel stud removal tool, Length 51mm                          |
| 69776113 | M25 / M26 - P1.5 wheel studs, Length 51mm                          |
| 69776127 | M27 - P1.5 wheel studs, Length 51mm                                |
| 69776050 | 13/16" Sq. & 21mm Sq. Head inner cap nut removal tool, Length 70mm |
| 69776130 | 1-1/2" & 38mm Outer cap nut removal tool, Length 64mm              |



|          |   |
|----------|---|
| 69776100 | For removing broken 5/8" wheel studs, Length 22mm                     |
| 69776110 | For removing broken 3/4" wheel studs, Length 22mm                     |
| 69776120 | For removing broken 13/16" Sq. & 21mm Sq. inner cap nuts, Length 22mm |



69771020    Drive-On Tool, Length 51mm



69771010    Drive Pin, Length 100mm



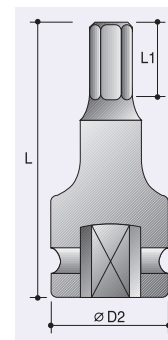




# Hex Drivers

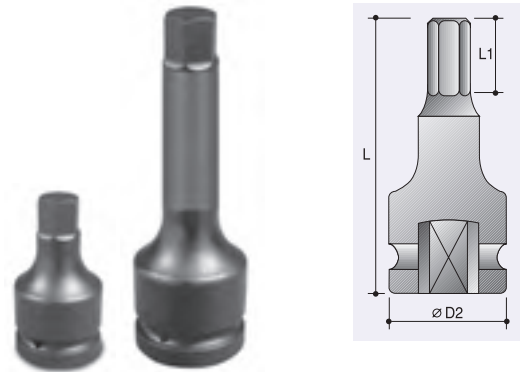
|                 |                       |
|-----------------|-----------------------|
| 1/4" Sq. Dr.,   | Hex Drivers           |
| 3/8" Sq. Dr.,   | Hex Drivers           |
| 1/2" Sq. Dr.,   | Hex Drivers           |
| 3/4" Sq. Dr.,   | Hex Drivers           |
| 1" Sq. Dr.,     | Hex Drivers           |
| 1-1/2" Sq. Dr., | Hex Drivers           |
| 3/8" Sq. Dr.,   | Universal Hex Drivers |
| 1/2" Sq. Dr.,   | Universal Hex Drivers |

# Impact Sockets



## Hex Drivers

| □ 1/4" Dr., |    |    |    |          | □ 3/8" Dr., |    |    |    |          |     |          |     |          |
|-------------|----|----|----|----------|-------------|----|----|----|----------|-----|----------|-----|----------|
|             | D2 | L1 | L  |          |             | D2 | L1 | L  |          | L   |          | L   |          |
| size        | mm | mm | mm | No.      | size        | mm | mm | mm | No.      | mm  | No.      | mm  | No.      |
| 1/8"        | 13 | 6  | 35 | 64800004 | 3/16"       | 19 | 11 | 50 | 64810006 | 100 | 64812006 | 150 | 64814006 |
| 5/32"       | 13 | 6  | 35 | 64800005 | 7/32"       | 19 | 11 | 50 | 64810007 | 100 | 64812007 | 150 | 64814007 |
| 3/16"       | 13 | 6  | 35 | 64800006 | 1/4"        | 19 | 11 | 50 | 64810008 | 100 | 64812008 | 150 | 64814008 |
| 7/32"       | 13 | 6  | 35 | 64800007 | 9/32"       | 19 | 16 | 50 | 64810009 | 100 | 64812009 | 150 | 64814009 |
| 1/4"        | 13 | 6  | 35 | 64800008 | 5/16"       | 19 | 16 | 50 | 64810010 | 100 | 64812010 | 150 | 64814010 |
| 9/32"       | 13 | 8  | 35 | 64800009 | 3/8"        | 19 | 16 | 50 | 64810012 | 100 | 64812012 | 150 | 64814012 |
| 5/16"       | 13 | 8  | 35 | 64800010 | 7/16"       | 19 | 16 | 50 | 64810014 | 100 | 64812014 | 150 | 64814014 |
| 3/8"        | 13 | 10 | 35 | 64800012 | 1/2"        | 19 | 16 | 50 | 64810016 | 100 | 64812016 | 150 | 64814016 |
| 2mm         | 13 | 4  | 35 | 64805020 | 9/16"       | 19 | 16 | 50 | 64810018 | 100 | 64812018 | 150 | 64814018 |
| 2.5mm       | 13 | 4  | 35 | 64805025 | 5/8"        | 19 | 16 | 50 | 64810020 | 100 | 64812020 | 150 | 64814020 |
| 3mm         | 13 | 6  | 35 | 64805030 | 3mm         | 19 | 11 | 50 | 64815003 | 100 | 64817003 | 150 | 64819003 |
| 4mm         | 13 | 6  | 35 | 64805040 | 4mm         | 19 | 11 | 50 | 64815004 | 100 | 64817004 | 150 | 64819004 |
| 5mm         | 13 | 6  | 35 | 64805050 | 5mm         | 19 | 11 | 50 | 64815005 | 100 | 64817005 | 150 | 64819005 |
| 6mm         | 13 | 6  | 35 | 64805060 | 6mm         | 19 | 11 | 50 | 64815006 | 100 | 64817006 | 150 | 64819006 |
| 7mm         | 13 | 8  | 35 | 64805070 | 7mm         | 19 | 16 | 50 | 64815007 | 100 | 64817007 | 150 | 64819007 |
| 8mm         | 13 | 8  | 35 | 64805080 | 8mm         | 19 | 16 | 50 | 64815008 | 100 | 64817008 | 150 | 64819008 |
| 9mm         | 13 | 10 | 35 | 64805090 | 9mm         | 19 | 16 | 50 | 64815009 | 100 | 64817009 | 150 | 64819009 |
| 10mm        | 13 | 10 | 35 | 64805100 | 10mm        | 19 | 16 | 50 | 64815010 | 100 | 64817010 | 150 | 64819010 |
|             |    |    |    |          | 11mm        | 19 | 16 | 50 | 64815011 | 100 | 64817011 | 150 | 64819011 |
|             |    |    |    |          | 12mm        | 19 | 16 | 50 | 64815012 | 100 | 64817012 | 150 | 64819012 |
|             |    |    |    |          | 13mm        | 19 | 16 | 50 | 64815013 | 100 | 64817013 | 150 | 64819013 |
|             |    |    |    |          | 14mm        | 19 | 16 | 50 | 64815014 | 100 | 64817014 | 150 | 64819014 |
|             |    |    |    |          | 15mm        | 19 | 16 | 50 | 64815015 | 100 | 64817015 | 150 | 64819015 |
|             |    |    |    |          | 16mm        | 19 | 16 | 50 | 64815016 | 100 | 64817016 | 150 | 64819016 |



## Hex Drivers

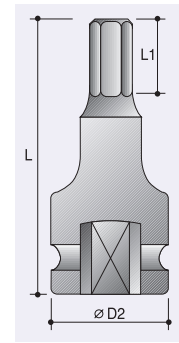
### □ 1/2" Dr.,

|        | D2 | L1 | L  |          | L1 | L  |          | L   |          | L   |          | L   |          |
|--------|----|----|----|----------|----|----|----------|-----|----------|-----|----------|-----|----------|
| size   | mm | mm | mm | No.      | mm | mm | No.      | mm  | No.      | mm  | No.      | mm  | No.      |
| 3/16"  | 25 | 11 | 55 | 64820006 | 11 | 75 | 64821006 | 100 | x        | x   | x        | x   | x        |
| 7/32"  | 25 | 15 | 55 | 64820007 | 15 | 75 | 64821007 | 100 | x        | x   | x        | x   | x        |
| 1/4"   | 25 | 15 | 55 | 64820008 | 15 | 75 | 64821008 | 100 | 64822008 | 125 | 64823008 | 150 | 64824008 |
| 9/32"  | 25 | 15 | 55 | 64820009 | 20 | 75 | 64821009 | 100 | 64822009 | 125 | 64823009 | 150 | 64824009 |
| 5/16"  | 25 | 16 | 55 | 64820010 | 25 | 75 | 64821010 | 100 | 64822010 | 125 | 64823010 | 150 | 64824010 |
| 3/8"   | 25 | 16 | 55 | 64820012 | 25 | 75 | 64821012 | 100 | 64822012 | 125 | 64823012 | 150 | 64824012 |
| 7/16"  | 25 | 16 | 55 | 64820014 | 25 | 75 | 64821014 | 100 | 64822014 | 125 | 64823014 | 150 | 64824014 |
| 1/2"   | 25 | 16 | 55 | 64820016 | 25 | 75 | 64821016 | 100 | 64822016 | 125 | 64823016 | 150 | 64824016 |
| 9/16"  | 25 | 16 | 55 | 64820018 | 25 | 75 | 64821018 | 100 | 64822018 | 125 | 64823018 | 150 | 64824018 |
| 5/8"   | 25 | 16 | 55 | 64820020 | 25 | 75 | 64821020 | 100 | 64822020 | 125 | 64823020 | 150 | 64824020 |
| 11/16" | 25 | 16 | 55 | 64820022 | 25 | 75 | 64821022 | 100 | 64822022 | 125 | 64823022 | 150 | 64824022 |
| 3/4"   | 25 | 16 | 55 | 64820024 | 25 | 75 | 64821024 | 100 | 64822024 | 125 | 64823024 | 150 | 64824024 |
| 13/16" | 30 | 16 | 55 | 64820026 | 25 | 75 | 64821026 | 100 | 64822026 | 125 | 64823026 | 150 | 64824026 |
| 7/8"   | 30 | 16 | 55 | 64820028 | 25 | 75 | 64821028 | 100 | 64822028 | 125 | 64823028 | 150 | 64824028 |
| 15/16" | 30 | 16 | 55 | 64820030 | 25 | 75 | 64821030 | 100 | 64822030 | 125 | 64823030 | 150 | 64824030 |
| 1"     | 30 | 16 | 55 | 64820100 | 25 | 75 | 64821100 | 100 | 64822100 | 125 | 64823100 | 150 | 64824100 |
| 3mm    | 25 | 11 | 55 | 64825003 | 11 | 75 | 64826003 | x   | x        | x   | x        | x   | x        |
| 4mm    | 25 | 11 | 55 | 64825004 | 11 | 75 | 64826004 | 100 | 64827004 | 125 | 64828004 | 150 | 64829004 |
| 5mm    | 25 | 15 | 55 | 64825005 | 15 | 75 | 64826005 | 100 | 64827005 | 125 | 64828005 | 150 | 64829005 |
| 6mm    | 25 | 15 | 55 | 64825006 | 15 | 75 | 64826006 | 100 | 64827006 | 125 | 64828006 | 150 | 64829006 |
| 7mm    | 25 | 15 | 55 | 64825007 | 20 | 75 | 64826007 | 100 | 64827007 | 125 | 64828007 | 150 | 64829007 |
| 8mm    | 25 | 16 | 55 | 64825008 | 25 | 75 | 64826008 | 100 | 64827008 | 125 | 64828008 | 150 | 64829008 |
| 9mm    | 25 | 16 | 55 | 64825009 | 25 | 75 | 64826009 | 100 | 64827009 | 125 | 64828009 | 150 | 64829009 |
| 10mm   | 25 | 16 | 55 | 64825010 | 25 | 75 | 64826010 | 100 | 64827010 | 125 | 64828010 | 150 | 64829010 |
| 11mm   | 25 | 16 | 55 | 64825011 | 25 | 75 | 64826011 | 100 | 64827011 | 125 | 64828011 | 150 | 64829011 |
| 12mm   | 25 | 16 | 55 | 64825012 | 25 | 75 | 64826012 | 100 | 64827012 | 125 | 64828012 | 150 | 64829012 |
| 13mm   | 25 | 16 | 55 | 64825013 | 25 | 75 | 64826013 | 100 | 64827013 | 125 | 64828013 | 150 | 64829013 |
| 14mm   | 25 | 16 | 55 | 64825014 | 25 | 75 | 64826014 | 100 | 64827014 | 125 | 64828014 | 150 | 64829014 |
| 15mm   | 25 | 16 | 55 | 64825015 | 25 | 75 | 64826015 | 100 | 64827015 | 125 | 64828015 | 150 | 64829015 |
| 16mm   | 25 | 16 | 55 | 64825016 | 25 | 75 | 64826016 | 100 | 64827016 | 125 | 64828016 | 150 | 64829016 |
| 17mm   | 25 | 16 | 55 | 64825017 | 25 | 75 | 64826017 | 100 | 64827017 | 125 | 64828017 | 150 | 64829017 |
| 18mm   | 25 | 16 | 55 | 64825018 | 25 | 75 | 64826018 | 100 | 64827018 | 125 | 64828018 | 150 | 64829018 |
| 19mm   | 25 | 16 | 55 | 64825019 | 25 | 75 | 64826019 | 100 | 64827019 | 125 | 64828019 | 150 | 64829019 |
| 21mm   | 30 | 16 | 55 | 64825021 | 25 | 75 | 64826021 | 100 | 64827021 | 125 | 64828021 | 150 | 64829021 |
| 22mm   | 30 | 16 | 55 | 64825022 | 25 | 75 | 64826022 | 100 | 64827022 | 125 | 64828022 | 150 | 64829022 |
| 24mm   | 30 | 16 | 55 | 64825024 | 25 | 75 | 64826024 | 100 | 64827024 | 125 | 64828024 | 150 | 64829024 |

## Hex Drivers

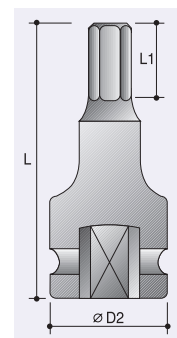
### 3/4" Dr.,

|         | D2 | L1 | L  |          | L1 | L   |          |
|---------|----|----|----|----------|----|-----|----------|
| size    | mm | mm | mm | No.      | mm | mm  | No.      |
| 3/8"    | 44 | 20 | 62 | 64840012 | 20 | 100 | 64841012 |
| 7/16"   | 44 | 20 | 62 | 64840014 | 20 | 100 | 64841014 |
| 1/2"    | 44 | 20 | 62 | 64840016 | 20 | 100 | 64841016 |
| 9/16"   | 44 | 20 | 62 | 64840018 | 20 | 100 | 64841018 |
| 5/8"    | 44 | 20 | 62 | 64840020 | 20 | 100 | 64841020 |
| 11/16"  | 44 | 20 | 62 | 64840022 | 20 | 100 | 64841022 |
| 3/4"    | 44 | 20 | 62 | 64840024 | 20 | 100 | 64841024 |
| 13/16"  | 44 | 20 | 62 | 64840026 | 20 | 100 | 64841026 |
| 7/8"    | 44 | 20 | 62 | 64840028 | 20 | 100 | 64841028 |
| 15/16"  | 44 | 20 | 62 | 64840030 | 20 | 100 | 64841030 |
| 1"      | 44 | 20 | 62 | 64840100 | 20 | 100 | 64841100 |
| 1-1/16" | 44 | 20 | 62 | 64840102 | 20 | 100 | 64841102 |
| 1-1/8"  | 44 | 20 | 62 | 64840104 | 20 | 100 | 64841104 |
| 1-3/16" | 44 | 20 | 62 | 64840106 | 24 | 100 | 64841106 |
| 1-1/4"  | 44 | 20 | 62 | 64840108 | 24 | 100 | 64841108 |
| 1-5/16" | 44 | 20 | 62 | 64840110 | 24 | 100 | 64841110 |
| 1-3/8"  | 44 | 20 | 62 | 64840112 | 24 | 100 | 64841112 |
| 1-7/16" | 44 | 20 | 62 | 64840114 | 28 | 100 | 64841114 |
| 1-1/2"  | 44 | 20 | 62 | 64840116 | 28 | 100 | 64841116 |
| 10mm    | 44 | 20 | 62 | 64845010 | 20 | 100 | 64846010 |
| 11mm    | 44 | 20 | 62 | 64845011 | 20 | 100 | 64846011 |
| 12mm    | 44 | 20 | 62 | 64845012 | 20 | 100 | 64846012 |
| 13mm    | 44 | 20 | 62 | 64845013 | 20 | 100 | 64846013 |
| 14mm    | 44 | 20 | 62 | 64845014 | 20 | 100 | 64846014 |
| 15mm    | 44 | 20 | 62 | 64845015 | 20 | 100 | 64846015 |
| 16mm    | 44 | 20 | 62 | 64845016 | 20 | 100 | 64846016 |
| 17mm    | 44 | 20 | 62 | 64845017 | 20 | 100 | 64846017 |
| 18mm    | 44 | 20 | 62 | 64845018 | 20 | 100 | 64846018 |
| 19mm    | 44 | 20 | 62 | 64845019 | 20 | 100 | 64846019 |
| 20mm    | 44 | 20 | 62 | 64845020 | 20 | 100 | 64846020 |
| 21mm    | 44 | 20 | 62 | 64845021 | 20 | 100 | 64846021 |
| 22mm    | 44 | 20 | 62 | 64845022 | 20 | 100 | 64846022 |
| 24mm    | 44 | 20 | 62 | 64845024 | 20 | 100 | 64846024 |
| 26mm    | 44 | 20 | 62 | 64845026 | 20 | 100 | 64846026 |
| 27mm    | 44 | 20 | 62 | 64845027 | 20 | 100 | 64846027 |
| 28mm    | 44 | 20 | 62 | 64845028 | 20 | 100 | 64846028 |
| 29mm    | 44 | 20 | 62 | 64845029 | 20 | 100 | 64846029 |
| 30mm    | 44 | 20 | 62 | 64845030 | 24 | 100 | 64846030 |
| 32mm    | 44 | 20 | 62 | 64845032 | 24 | 100 | 64846032 |
| 33mm    | 44 | 20 | 62 | 64845033 | 24 | 100 | 64846033 |
| 34mm    | 44 | 20 | 62 | 64845034 | 24 | 100 | 64846034 |
| 35mm    | 44 | 20 | 62 | 64845035 | 24 | 100 | 64846035 |
| 36mm    | 44 | 20 | 62 | 64845036 | 28 | 100 | 64846036 |
| 38mm    | 44 | 20 | 62 | 64845038 | 28 | 100 | 64846038 |

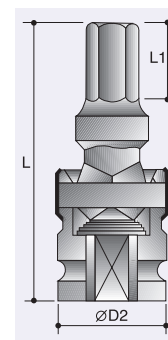


## Hex Drivers

| 1" Dr.,  |    |    |    |          |    |     |          | 1-1/2" Dr., |    |    |     |          |    |     |          |
|----------|----|----|----|----------|----|-----|----------|-------------|----|----|-----|----------|----|-----|----------|
|          | D2 | L1 | L  |          | L1 | L   |          |             | D2 | L1 | L   |          | L1 | L   |          |
| size     | mm | mm | mm | No.      | mm | mm  | No.      | size        | mm | mm | mm  | No.      | mm | mm  | No.      |
| 7/16"    | 54 | 12 | 75 | 64850014 | 20 | 100 | 64851014 | 3/4"        | 86 | 20 | 105 | 64861024 | 20 | 120 | 64860024 |
| 1/2"     | 54 | 12 | 75 | 64850016 | 20 | 100 | 64851016 | 13/16"      | 86 | 20 | 105 | 64861026 | 20 | 120 | 64860026 |
| 9/16"    | 54 | 12 | 75 | 64850018 | 20 | 100 | 64851018 | 7/8"        | 86 | 20 | 105 | 64861028 | 20 | 120 | 64860028 |
| 5/8"     | 54 | 14 | 75 | 64850020 | 20 | 100 | 64851020 | 15/16"      | 86 | 20 | 105 | 64861030 | 20 | 120 | 64860030 |
| 3/4"     | 54 | 19 | 75 | 64850024 | 20 | 100 | 64851024 | 1"          | 86 | 20 | 105 | 64861100 | 20 | 120 | 64860100 |
| 13/16"   | 54 | 19 | 75 | 64850026 | 20 | 100 | 64851026 | 1-1/16"     | 86 | 20 | 105 | 64861102 | 20 | 120 | 64860102 |
| 7/8"     | 54 | 19 | 75 | 64850028 | 20 | 100 | 64851028 | 1-1/8"      | 86 | 20 | 105 | 64861104 | 20 | 120 | 64860104 |
| 1"       | 54 | 21 | 75 | 64850100 | 20 | 100 | 64851100 | 1-3/16"     | 86 | 20 | 105 | 64861106 | 24 | 120 | 64860106 |
| 1-1/16"  | 54 | 23 | 75 | 64850102 | 20 | 100 | 64851102 | 1-1/4"      | 86 | 20 | 105 | 64861108 | 24 | 120 | 64860108 |
| 1-1/8"   | 54 | 23 | 75 | 64850104 | 20 | 100 | 64851104 | 1-5/16"     | 86 | 20 | 105 | 64861110 | 24 | 120 | 64860110 |
| 1-3/16"  | 54 | 23 | 75 | 64850106 | 24 | 100 | 64851106 | 1-3/8"      | 86 | 20 | 105 | 64861112 | 24 | 120 | 64860112 |
| 1-1/4"   | 54 | 29 | 75 | 64850108 | 24 | 100 | 64851108 | 1-1/2"      | 86 | 20 | 105 | 64861116 | 28 | 120 | 64860116 |
| 1-5/16"  | 54 | 29 | 75 | 64850110 | 24 | 100 | 64851110 | 1-5/8"      | 86 | 20 | 105 | 64861120 | 34 | 120 | 64860120 |
| 1-3/8"   | 54 | 29 | 75 | 64850112 | 24 | 100 | 64851112 | 1-3/4"      | 86 | 20 | 105 | 64861124 | 34 | 120 | 64860124 |
| 1-1/2"   | 54 | 29 | 75 | 64850116 | 28 | 100 | 64851116 | 1-13/16"    | 86 | 20 | 105 | 64861126 | 38 | 120 | 64860126 |
| 1-5/8"   | 54 | 29 | 75 | 64850120 | 34 | 100 | 64851120 | 2"          | 86 | 20 | 105 | 64861200 | 38 | 120 | 64860200 |
| 1-3/4"   | 54 | 29 | 75 | 64850124 | 34 | 100 | 64851124 | 2-1/8"      | 86 | 20 | 105 | 64861204 | 38 | 120 | 64860204 |
| 1-13/16" | 54 | 29 | 75 | 64850126 | 38 | 100 | 64851126 | 2-3/16"     | 86 | 20 | 105 | 64861206 | 43 | 120 | 64860206 |
| 10mm     | 54 | 12 | 75 | 64855010 | 20 | 100 | 64856010 | 19mm        | 86 | 20 | 105 | 64866019 | 20 | 120 | 64865019 |
| 12mm     | 54 | 12 | 75 | 64855012 | 20 | 100 | 64856012 | 22mm        | 86 | 20 | 105 | 64866022 | 20 | 120 | 64865022 |
| 14mm     | 54 | 12 | 75 | 64855014 | 20 | 100 | 64856014 | 24mm        | 86 | 20 | 105 | 64866024 | 20 | 120 | 64865024 |
| 17mm     | 54 | 14 | 75 | 64855017 | 20 | 100 | 64856017 | 27mm        | 86 | 20 | 105 | 64866027 | 20 | 120 | 64865027 |
| 19mm     | 54 | 19 | 75 | 64855019 | 20 | 100 | 64856019 | 30mm        | 86 | 20 | 105 | 64866030 | 24 | 120 | 64865030 |
| 20mm     | 54 | 19 | 75 | 64855020 | 20 | 100 | 64856020 | 32mm        | 86 | 20 | 105 | 64866032 | 24 | 120 | 64865032 |
| 21mm     | 54 | 19 | 75 | 64855021 | 20 | 100 | 64856021 | 33mm        | 86 | 20 | 105 | 64866033 | 24 | 120 | 64865033 |
| 22mm     | 54 | 19 | 75 | 64855022 | 20 | 100 | 64856022 | 36mm        | 86 | 20 | 105 | 64866036 | 28 | 120 | 64865036 |
| 24mm     | 54 | 21 | 75 | 64855024 | 20 | 100 | 64856024 | 38mm        | 86 | 20 | 105 | 64866038 | 28 | 120 | 64865038 |
| 27mm     | 54 | 23 | 75 | 64855027 | 20 | 100 | 64856027 | 41mm        | 86 | 20 | 105 | 64866041 | 34 | 120 | 64865041 |
| 28mm     | 54 | 23 | 75 | 64855028 | 20 | 100 | 64856028 | 46mm        | 86 | 20 | 105 | 64866046 | 38 | 120 | 64865046 |
| 30mm     | 54 | 23 | 75 | 64855030 | 24 | 100 | 64856030 | 50mm        | 86 | 20 | 105 | 64866050 | 38 | 120 | 64865050 |
| 32mm     | 54 | 29 | 75 | 64855032 | 24 | 100 | 64856032 | 55mm        | 86 | 20 | 105 | 64866055 | 43 | 120 | 64865055 |
| 33mm     | 54 | 29 | 75 | 64855033 | 24 | 100 | 64856033 |             |    |    |     |          |    |     |          |
| 36mm     | 54 | 29 | 75 | 64855036 | 28 | 100 | 64856036 |             |    |    |     |          |    |     |          |
| 38mm     | 54 | 29 | 75 | 64855038 | 28 | 100 | 64856038 |             |    |    |     |          |    |     |          |
| 41mm     | 54 | 29 | 75 | 64855041 | 34 | 100 | 64856041 |             |    |    |     |          |    |     |          |
| 46mm     | 54 | 29 | 75 | 64855046 | 38 | 100 | 64856046 |             |    |    |     |          |    |     |          |
| 50mm     | 54 | x  | x  | x        | 38 | 100 | 64856050 |             |    |    |     |          |    |     |          |

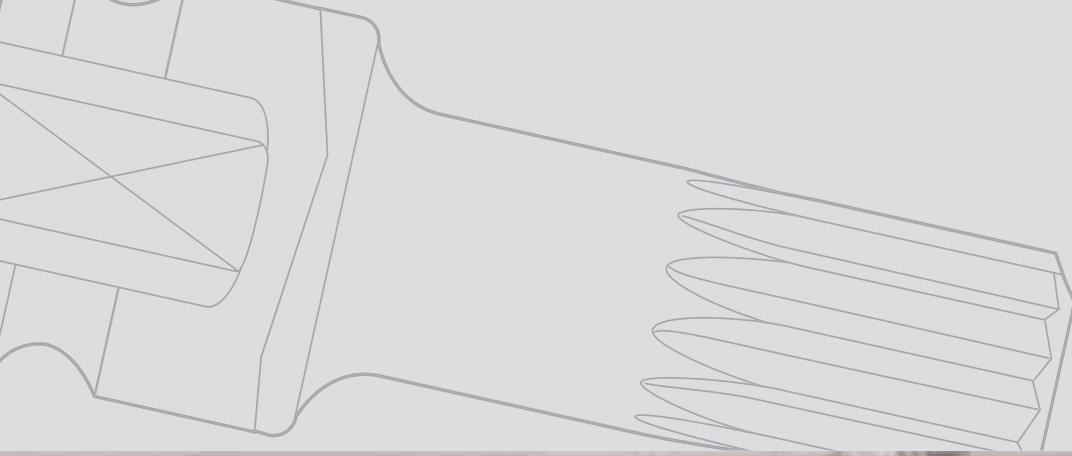


# Impact Sockets



## Universal Hex Drivers

| □ 3/8" Dr., |          |          |         |          | □ 1/2" Dr., |          |          |         |          |
|-------------|----------|----------|---------|----------|-------------|----------|----------|---------|----------|
| size        | D2<br>mm | L1<br>mm | L<br>mm | No.      | size        | D2<br>mm | L1<br>mm | L<br>mm | No.      |
| 3/16"       | 24       | 11       | 60      | 65010006 | 1/4"        | 28       | 13       | 75      | 65021008 |
| 7/32"       | 24       | 11       | 60      | 65010007 | 9/32"       | 28       | 13       | 75      | 65021009 |
| 1/4"        | 24       | 11       | 60      | 65010008 | 5/16"       | 28       | 20       | 75      | 65021010 |
| 9/32"       | 24       | 15       | 60      | 65010009 | 3/8"        | 28       | 20       | 75      | 65021012 |
| 5/16"       | 24       | 15       | 60      | 65010010 | 7/16"       | 28       | 20       | 75      | 65021014 |
| 3/8"        | 24       | 15       | 60      | 65010012 | 1/2"        | 28       | 20       | 75      | 65021016 |
| 7/16"       | 24       | 15       | 60      | 65010014 | 9/16"       | 28       | 20       | 75      | 65021018 |
| 1/2"        | 24       | 15       | 60      | 65010016 | 5/8"        | 28       | 20       | 75      | 65021020 |
| 9/16"       | 24       | 15       | 60      | 65010018 | 11/16"      | 28       | 20       | 75      | 65021022 |
| 5/8"        | 24       | 15       | 60      | 65010020 | 3/4"        | 28       | 20       | 75      | 65021024 |
| 5mm         | 24       | 11       | 60      | 65110005 | 6mm         | 28       | 13       | 75      | 65121006 |
| 6mm         | 24       | 11       | 60      | 65110006 | 7mm         | 28       | 13       | 75      | 65121007 |
| 7mm         | 24       | 15       | 60      | 65110007 | 8mm         | 28       | 20       | 75      | 65121008 |
| 8mm         | 24       | 15       | 60      | 65110008 | 9mm         | 28       | 20       | 75      | 65121009 |
| 9mm         | 24       | 15       | 60      | 65110009 | 10mm        | 28       | 20       | 75      | 65121010 |
| 10mm        | 24       | 15       | 60      | 65110010 | 11mm        | 28       | 20       | 75      | 65121011 |
| 11mm        | 24       | 15       | 60      | 65110011 | 12mm        | 28       | 20       | 75      | 65121012 |
| 12mm        | 24       | 15       | 60      | 65110012 | 13mm        | 28       | 20       | 75      | 65121013 |
| 13mm        | 24       | 15       | 60      | 65110013 | 14mm        | 28       | 20       | 75      | 65121014 |
| 14mm        | 24       | 15       | 60      | 65110014 | 15mm        | 28       | 20       | 75      | 65121015 |
| 15mm        | 24       | 15       | 60      | 65110015 | 16mm        | 28       | 20       | 75      | 65121016 |
| 16mm        | 24       | 15       | 60      | 65110016 | 17mm        | 28       | 20       | 75      | 65121017 |
|             |          |          |         |          | 18mm        | 28       | 20       | 75      | 65121018 |
|             |          |          |         |          | 19mm        | 28       | 20       | 75      | 65121019 |



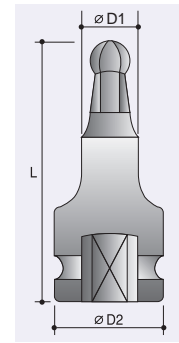
13



# Ball Hex Drivers

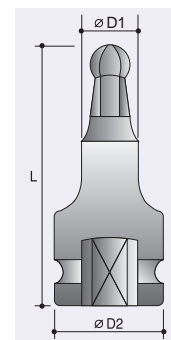
- 3/8" Sq. Dr., Ball Hex Drivers
- 1/2" Sq. Dr., Ball Hex Drivers
- 3/4" Sq. Dr., Ball Hex Drivers

# Impact Sockets



## Ball Hex Drivers

| □ 3/8" Dr., |    |      |    |          | □ 1/2" Dr., |    |      |    |          |
|-------------|----|------|----|----------|-------------|----|------|----|----------|
|             | D2 | D1   | L  |          |             | D2 | D1   | L  |          |
| size        | mm | mm   | mm | No.      | size        | mm | mm   | mm | No.      |
| 3/16"       | 19 | 5.7  | 50 | 6481F006 | 3/16"       | 25 | 5.7  | 75 | 6482G006 |
| 7/32"       | 19 | 6.6  | 50 | 6481F007 | 7/32"       | 25 | 6.6  | 75 | 6482G007 |
| 1/4"        | 19 | 7.5  | 50 | 6481F008 | 1/4"        | 25 | 7.5  | 75 | 6482G008 |
| 9/32"       | 19 | 8.5  | 50 | 6481F009 | 9/32"       | 25 | 8.5  | 75 | 6482G009 |
| 5/16"       | 19 | 9.4  | 50 | 6481F010 | 5/16"       | 25 | 9.4  | 75 | 6482G010 |
| 3/8"        | 19 | 11.2 | 50 | 6481F012 | 3/8"        | 25 | 11.2 | 75 | 6482G012 |
| 7/16"       | 19 | 13   | 50 | 6481F014 | 7/16"       | 25 | 13   | 75 | 6482G014 |
| 1/2"        | 19 | 14.9 | 50 | 6481F016 | 1/2"        | 25 | 14.9 | 75 | 6482G016 |
| 9/16"       | 19 | 16.7 | 50 | 6481F018 | 9/16"       | 25 | 16.7 | 75 | 6482G018 |
| 5/8"        | 19 | 18.5 | 50 | 6481F020 | 5/8"        | 25 | 18.5 | 75 | 6482G020 |
| 4mm         | 19 | 4.8  | 50 | 6481Q004 | 11/16"      | 25 | 20.4 | 75 | 6482G022 |
| 5mm         | 19 | 6    | 50 | 6481Q005 | 3/4"        | 25 | 20.4 | 75 | 6482G024 |
| 6mm         | 19 | 7.1  | 50 | 6481Q006 | 13/16"      | 30 | 24   | 75 | 6482G026 |
| 7mm         | 19 | 8.3  | 50 | 6481Q007 | 7/8"        | 30 | 25.8 | 75 | 6482G028 |
| 8mm         | 19 | 9.5  | 50 | 6481Q008 | 15/16"      | 30 | 27.7 | 75 | 6482G030 |
| 9mm         | 19 | 10.6 | 50 | 6481Q009 | 1"          | 30 | 30   | 75 | 6482G100 |
| 10mm        | 19 | 11.8 | 50 | 6481Q010 | 4mm         | 25 | 4.8  | 75 | 6482N004 |
| 11mm        | 19 | 12.9 | 50 | 6481Q011 | 5mm         | 25 | 6    | 75 | 6482N005 |
| 12mm        | 19 | 14   | 50 | 6481Q012 | 6mm         | 25 | 7.1  | 75 | 6482N006 |
| 13mm        | 19 | 15.2 | 50 | 6481Q013 | 7mm         | 25 | 8.3  | 75 | 6482N007 |
| 14mm        | 19 | 16.4 | 50 | 6481Q014 | 8mm         | 25 | 9.5  | 75 | 6482N008 |
| 15mm        | 19 | 17.5 | 50 | 6481Q015 | 9mm         | 25 | 10.6 | 75 | 6482N009 |
| 16mm        | 19 | 18.7 | 50 | 6481Q016 | 10mm        | 25 | 11.8 | 75 | 6482N010 |
|             |    |      |    |          | 11mm        | 25 | 12.9 | 75 | 6482N011 |
|             |    |      |    |          | 12mm        | 25 | 14   | 75 | 6482N012 |
|             |    |      |    |          | 13mm        | 25 | 15.2 | 75 | 6482N013 |
|             |    |      |    |          | 14mm        | 25 | 16.4 | 75 | 6482N014 |
|             |    |      |    |          | 15mm        | 25 | 17.5 | 75 | 6482N015 |
|             |    |      |    |          | 16mm        | 25 | 18.7 | 75 | 6482N016 |
|             |    |      |    |          | 17mm        | 25 | 19.8 | 75 | 6482N017 |
|             |    |      |    |          | 18mm        | 25 | 20.4 | 75 | 6482N018 |
|             |    |      |    |          | 19mm        | 25 | 20.4 | 75 | 6482N019 |
|             |    |      |    |          | 20mm        | 30 | 23.3 | 75 | 6482N020 |
|             |    |      |    |          | 21mm        | 30 | 24.4 | 75 | 6482N021 |
|             |    |      |    |          | 22mm        | 30 | 25.6 | 75 | 6482N022 |
|             |    |      |    |          | 23mm        | 30 | 26.7 | 75 | 6482N023 |
|             |    |      |    |          | 24mm        | 30 | 27.9 | 75 | 6482N024 |



## Ball Hex Drivers

### 3/4" Dr.,

|      | D2 | D1   | L   |          |         | D2 | D1   | L   |          |
|------|----|------|-----|----------|---------|----|------|-----|----------|
| size | mm | mm   | mm  | No.      | size    | mm | mm   | mm  | No.      |
| 10mm | 44 | 20   | 150 | 6484N210 | 3/8"    | 44 | 20   | 150 | 6484G212 |
| 11mm | 44 | 20   | 150 | 6484N211 | 7/16"   | 44 | 20   | 150 | 6484G214 |
| 12mm | 44 | 20   | 150 | 6484N212 | 1/2"    | 44 | 20   | 150 | 6484G216 |
| 13mm | 44 | 20   | 150 | 6484N213 | 9/16"   | 44 | 20   | 150 | 6484G218 |
| 14mm | 44 | 20   | 150 | 6484N214 | 5/8"    | 44 | 20   | 150 | 6484G220 |
| 15mm | 44 | 20   | 150 | 6484N215 | 11/16"  | 44 | 26   | 150 | 6484G222 |
| 16mm | 44 | 20   | 150 | 6484N216 | 3/4"    | 44 | 26   | 150 | 6484G224 |
| 17mm | 44 | 26   | 150 | 6484N217 | 13/16"  | 44 | 26   | 150 | 6484G226 |
| 18mm | 44 | 26   | 150 | 6484N218 | 7/8"    | 44 | 26   | 150 | 6484G228 |
| 19mm | 44 | 26   | 150 | 6484N219 | 15/16"  | 44 | 30   | 150 | 6484G230 |
| 20mm | 44 | 26   | 150 | 6484N220 | 1"      | 44 | 33.5 | 150 | 6484G300 |
| 21mm | 44 | 26   | 150 | 6484N221 | 1-1/16" | 44 | 33.5 | 150 | 6484G302 |
| 22mm | 44 | 26   | 150 | 6484N222 | 1-1/8"  | 44 | 34   | 150 | 6484G304 |
| 23mm | 44 | 30   | 150 | 6484N223 | 1-3/16" | 44 | 35   | 150 | 6484G306 |
| 24mm | 44 | 30   | 150 | 6484N224 | 1-1/4"  | 44 | 40   | 150 | 6484G308 |
| 26mm | 44 | 33.5 | 150 | 6484N226 | 1-5/16" | 44 | 41.5 | 150 | 6484G310 |
| 27mm | 44 | 33.5 | 150 | 6484N227 | 1-3/8"  | 44 | 42   | 150 | 6484G312 |
| 28mm | 44 | 34   | 150 | 6484N228 | 1-7/16" | 44 | 42   | 150 | 6484G314 |
| 29mm | 44 | 35   | 150 | 6484N229 | 1-1/2"  | 44 | 44   | 150 | 6484G316 |
| 30mm | 44 | 35   | 150 | 6484N230 |         |    |      |     |          |
| 32mm | 44 | 40   | 150 | 6484N232 |         |    |      |     |          |
| 33mm | 44 | 41.5 | 150 | 6484N233 |         |    |      |     |          |
| 34mm | 44 | 42   | 150 | 6484N234 |         |    |      |     |          |
| 35mm | 44 | 42   | 150 | 6484N235 |         |    |      |     |          |
| 36mm | 44 | 42   | 150 | 6484N236 |         |    |      |     |          |
| 38mm | 44 | 44   | 150 | 6484N238 |         |    |      |     |          |





# XZN - Triple Square Drivers

3/8" Sq. Dr., XZN - Triple Square Drivers

1/2" Sq. Dr., XZN - Triple Square Drivers

3/4" Sq. Dr., XZN - Triple Square Drivers

1" Sq. Dr., XZN - Triple Square Drivers

3/8" Sq. Dr., XZN - Triple Square Drivers - Tamper Resistant

1/2" Sq. Dr., XZN - Triple Square Drivers - Tamper Resistant

# Impact Sockets

## Triple Square Drivers

### 3/8" Dr.,

|      | D2 | L1 | L  |          | L   |          | L   |          |
|------|----|----|----|----------|-----|----------|-----|----------|
| size | mm | mm | mm | No.      | mm  | No.      | mm  | No.      |
| M5   | 19 | 7  | 50 | 65216005 | 100 | 65217005 | 120 | 65218005 |
| M6   | 19 | 7  | 50 | 65216006 | 100 | 65217006 | 120 | 65218006 |
| M8   | 19 | 9  | 50 | 65216008 | 100 | 65217008 | 120 | 65218008 |
| M10  | 19 | 9  | 50 | 65216010 | 100 | 65217010 | 120 | 65218010 |
| M12  | 19 | 11 | 50 | 65216012 | 100 | 65217012 | 120 | 65218012 |
| M14  | 19 | 11 | 50 | 65216014 | 100 | 65217014 | 120 | 65218014 |
| M16  | 19 | 13 | 50 | 65216016 | 100 | 65217016 | 120 | 65218016 |

### 1/2" Dr.,

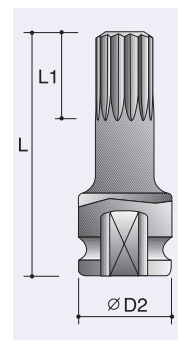
|      | D2 | L1 | L  |          | L   |          | L   |          |
|------|----|----|----|----------|-----|----------|-----|----------|
| size | mm | mm | mm | No.      | mm  | No.      | mm  | No.      |
| M5   | 25 | 7  | 55 | 65226005 | 100 | 65227005 | 140 | 65228005 |
| M6   | 25 | 7  | 55 | 65226006 | 100 | 65227006 | 140 | 65228006 |
| M8   | 25 | 9  | 55 | 65226008 | 100 | 65227008 | 140 | 65228008 |
| M10  | 25 | 9  | 55 | 65226010 | 100 | 65227010 | 140 | 65228010 |
| M12  | 25 | 11 | 55 | 65226012 | 100 | 65227012 | 140 | 65228012 |
| M14  | 25 | 11 | 55 | 65226014 | 100 | 65227014 | 140 | 65228014 |
| M16  | 25 | 13 | 55 | 65226016 | 100 | 65227016 | 140 | 65228016 |
| M18  | 25 | 13 | 55 | 65226018 | 100 | 65227018 | 140 | 65228018 |

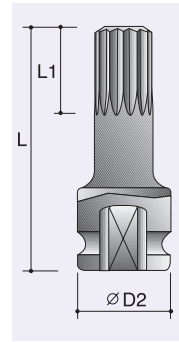
### 3/4" Dr.,

|      | D2 | L1 | L  |          | L   |          |
|------|----|----|----|----------|-----|----------|
| size | mm | mm | mm | No.      | mm  | No.      |
| M5   | 44 | 7  | 80 | 65246005 | 100 | 65247005 |
| M6   | 44 | 7  | 80 | 65246006 | 100 | 65247006 |
| M8   | 44 | 9  | 80 | 65246008 | 100 | 65247008 |
| M10  | 44 | 9  | 80 | 65246010 | 100 | 65247010 |
| M12  | 44 | 11 | 80 | 65246012 | 100 | 65247012 |
| M14  | 44 | 11 | 80 | 65246014 | 100 | 65247014 |
| M16  | 44 | 13 | 80 | 65246016 | 100 | 65247016 |
| M18  | 44 | 13 | 80 | 65246018 | 100 | 65247018 |

### 1" Dr.,

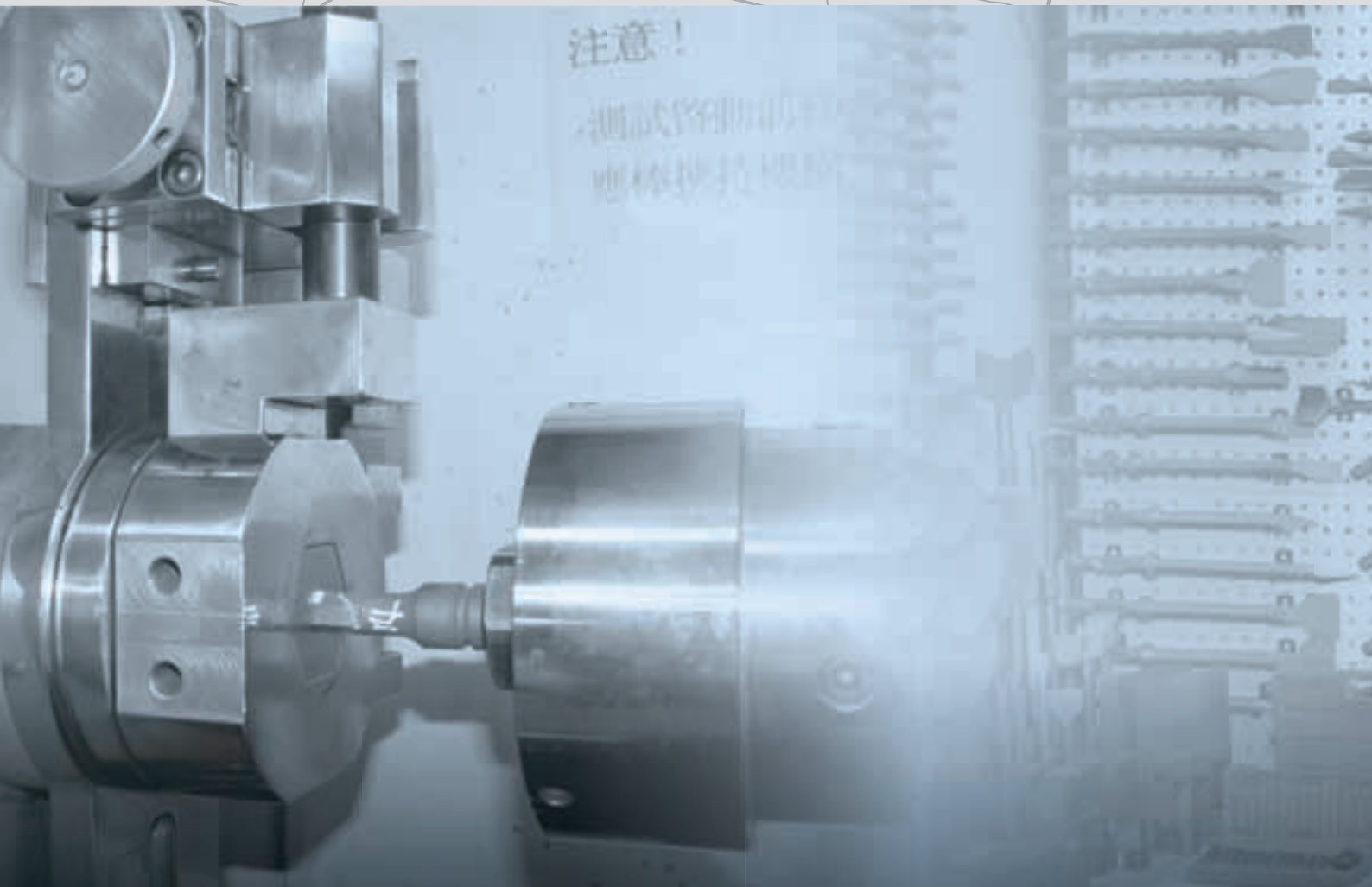
|      | D2 | L1 | L  |          | L   |          |
|------|----|----|----|----------|-----|----------|
| size | mm | mm | mm | No.      | mm  | No.      |
| M5   | 54 | 7  | 85 | 65256005 | 100 | 65257005 |
| M6   | 54 | 7  | 85 | 65256006 | 100 | 65257006 |
| M8   | 54 | 9  | 85 | 65256008 | 100 | 65257008 |
| M10  | 54 | 9  | 85 | 65256010 | 100 | 65257010 |
| M12  | 54 | 11 | 85 | 65256012 | 100 | 65257012 |
| M14  | 54 | 11 | 85 | 65256014 | 100 | 65257014 |
| M16  | 54 | 13 | 85 | 65256016 | 100 | 65257016 |
| M18  | 54 | 13 | 85 | 65256018 | 100 | 65257018 |





## Triple Square Drivers - With Tamper Resistant

| ○ 3/8" Dr., |    |    |    |          |     |          | ○ 1/2" Dr., |    |    |    |          |     |          |
|-------------|----|----|----|----------|-----|----------|-------------|----|----|----|----------|-----|----------|
|             | D2 | L1 | L  |          | L   |          |             | D2 | L1 | L  |          | L   |          |
| size        | mm | mm | mm | No.      | mm  | No.      | size        | mm | mm | mm | No.      | mm  | No.      |
| M5          | 19 | 7  | 50 | 6521A005 | 100 | 6521B005 | M5          | 25 | 7  | 55 | 6522A005 | 100 | 6522B005 |
| M6          | 19 | 7  | 50 | 6521A006 | 100 | 6521B006 | M6          | 25 | 7  | 55 | 6522A006 | 100 | 6522B006 |
| M8          | 19 | 9  | 50 | 6521A008 | 100 | 6521B008 | M8          | 25 | 9  | 55 | 6522A008 | 100 | 6522B008 |
| M10         | 19 | 9  | 50 | 6521A010 | 100 | 6521B010 | M10         | 25 | 9  | 55 | 6522A010 | 100 | 6522B010 |
| M12         | 19 | 11 | 50 | 6521A012 | 100 | 6521B012 | M12         | 25 | 11 | 55 | 6522A012 | 100 | 6522B012 |
| M14         | 19 | 11 | 50 | 6521A014 | 100 | 6521B014 | M14         | 25 | 11 | 55 | 6522A014 | 100 | 6522B014 |
| M16         | 19 | 13 | 50 | 6521A016 | 100 | 6521B016 | M16         | 25 | 13 | 55 | 6522A016 | 100 | 6522B016 |
|             |    |    |    |          |     |          | M18         | 25 | 13 | 55 | 6522A018 | 100 | 6522B018 |



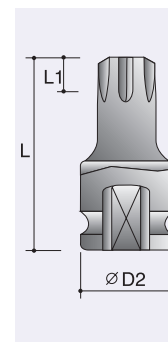


## Ribe Drivers

3/8" Sq. Dr., Internal Ribe Drivers

1/2" Sq. Dr., Internal Ribe Drivers

# Impact Sockets



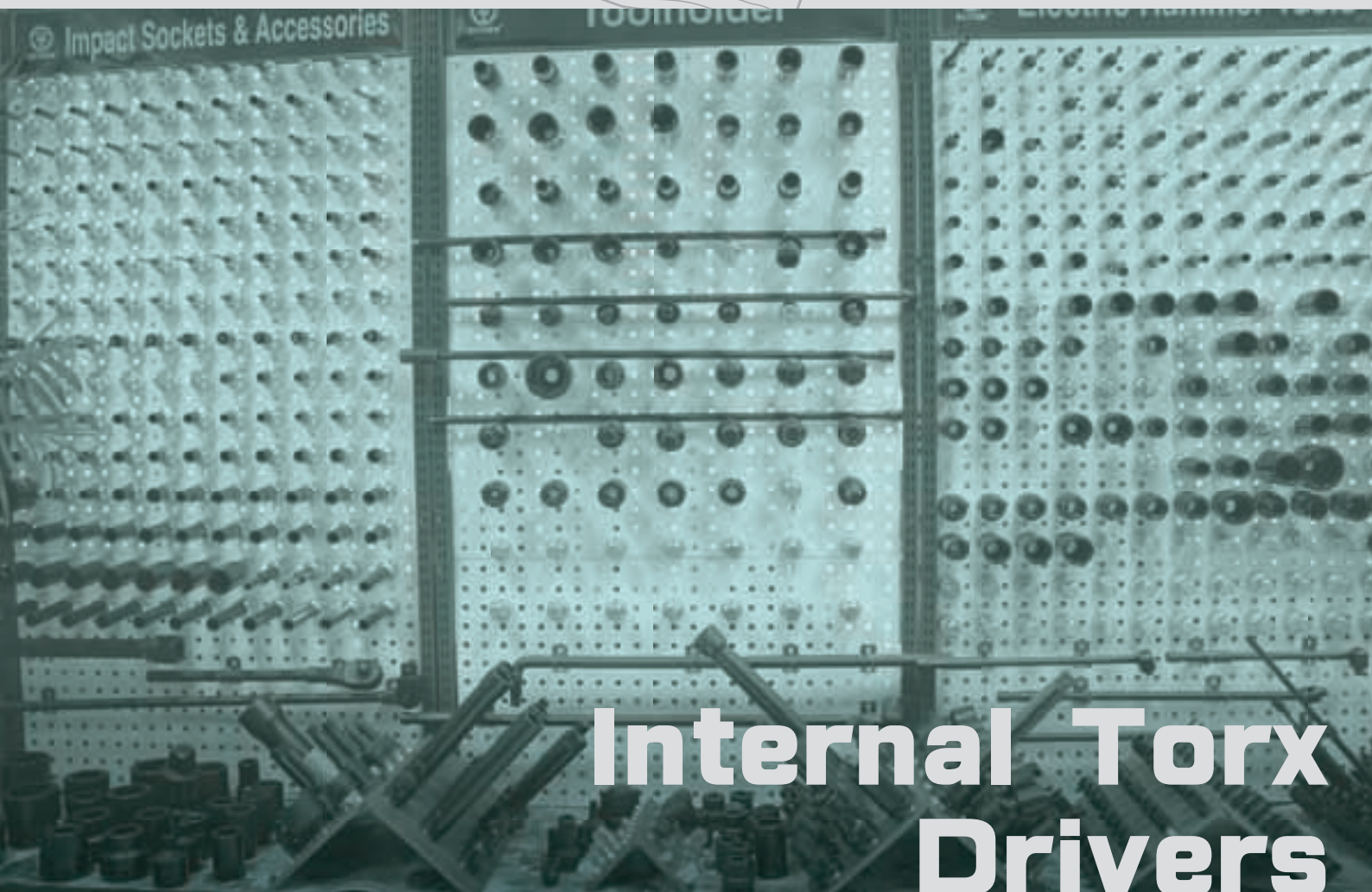
## Ribe Drivers

### 3/8" Dr.,

|      | D2 | L1  | L  |          | L   |          | L   |          |
|------|----|-----|----|----------|-----|----------|-----|----------|
| size | mm | mm  | mm | No.      | mm  | No.      | mm  | No.      |
| M5   | 19 | 4.5 | 50 | 65315005 | 100 | 65316005 | 120 | 65317005 |
| M6   | 19 | 5   | 50 | 65315006 | 100 | 65316006 | 120 | 65317006 |
| M7   | 19 | 6.5 | 50 | 65315007 | 100 | 65316007 | 120 | 65317007 |
| M8   | 19 | 7.5 | 50 | 65315008 | 100 | 65316008 | 120 | 65317008 |
| M9   | 19 | 8   | 50 | 65315009 | 100 | 65316009 | 120 | 65317009 |
| M10  | 19 | 9   | 50 | 65315010 | 100 | 65316010 | 120 | 65317010 |
| M12  | 19 | 10  | 50 | 65315012 | 100 | 65316012 | 120 | 65317012 |
| M13  | 19 | 11  | 50 | 65315013 | 100 | 65316013 | 120 | 65317013 |
| M14  | 19 | 12  | 50 | 65315014 | 100 | 65316014 | 120 | 65317014 |
| M16  | 19 | 14  | 50 | 65315016 | 100 | 65316016 | 120 | 65317016 |

### 1/2" Dr.,

|      | D2 | L1  | L  |          | L   |          | L   |          |
|------|----|-----|----|----------|-----|----------|-----|----------|
| size | mm | mm  | mm | No.      | mm  | No.      | mm  | No.      |
| M5   | 25 | 4.5 | 55 | 65326005 | 100 | 65327005 | 140 | 65328005 |
| M6   | 25 | 5   | 55 | 65326006 | 100 | 65327006 | 140 | 65328006 |
| M7   | 25 | 6.5 | 55 | 65326007 | 100 | 65327007 | 140 | 65328007 |
| M8   | 25 | 7.5 | 55 | 65326008 | 100 | 65327008 | 140 | 65328008 |
| M9   | 25 | 8   | 55 | 65326009 | 100 | 65327009 | 140 | 65328009 |
| M10  | 25 | 9   | 55 | 65326010 | 100 | 65327010 | 140 | 65328010 |
| M12  | 25 | 10  | 55 | 65326012 | 100 | 65327012 | 140 | 65328012 |
| M13  | 25 | 11  | 55 | 65326013 | 100 | 65327013 | 140 | 65328013 |
| M14  | 25 | 12  | 55 | 65326014 | 100 | 65327014 | 140 | 65328014 |
| M16  | 25 | 14  | 55 | 65326016 | 100 | 65327016 | 140 | 65328016 |
| M18  | 25 | 16  | 55 | 65326018 | 100 | 65327018 | 140 | 65328018 |
| M20  | 25 | 18  | 55 | 65326020 | 100 | 65327020 | 140 | 65328020 |



# Internal Torx Drivers

- 1/4" Sq. Dr., Internal Torx Drivers
- 3/8" Sq. Dr., Internal Torx Drivers
- 1/2" Sq. Dr., Internal Torx Drivers
- 3/4" Sq. Dr., Internal Torx Drivers
- 1/4" Sq. Dr., Internal Torx Drivers - Tamper Resistant
- 3/8" Sq. Dr., Internal Torx Drivers - Tamper Resistant
- 1/2" Sq. Dr., Internal Torx Drivers - Tamper Resistant
- 3/8" Sq. Dr., Universal Internal Torx Drivers
- 1/2" Sq. Dr., Universal Internal Torx Drivers

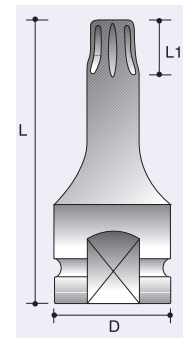
# Impact Sockets

## Internal Torx Drivers

| 1/4" Dr., |    |     |    |          | 3/8" Dr., |    |     |    |          |     |          |     |          |
|-----------|----|-----|----|----------|-----------|----|-----|----|----------|-----|----------|-----|----------|
|           | D2 | L1  | L  |          |           | D2 | L1  | L  |          | L   |          | L   |          |
| size      | mm | mm  | mm | No.      | size      | mm | mm  | mm | No.      | mm  | No.      | mm  | No.      |
| T5        | 13 | 2   | 35 | 64701005 | T9        | 19 | 2.8 | 50 | 64711009 | x   | x        | x   | x        |
| T6        | 13 | 2   | 35 | 64701006 | T10       | 19 | 2.8 | 50 | 64711010 | x   | x        | x   | x        |
| T7        | 13 | 2   | 35 | 64701007 | T15       | 19 | 2.8 | 50 | 64711015 | x   | x        | x   | x        |
| T8        | 13 | 2   | 35 | 64701008 | T20       | 19 | 3   | 50 | 64711020 | 100 | 64712020 | 150 | 64714020 |
| T9        | 13 | 2   | 35 | 64701009 | T25       | 19 | 3   | 50 | 64711025 | 100 | 64712025 | 150 | 64714025 |
| T10       | 13 | 2.8 | 35 | 64701010 | T27       | 19 | 3.8 | 50 | 64711027 | 100 | 64712027 | 150 | 64714027 |
| T15       | 13 | 2.8 | 35 | 64701015 | T30       | 19 | 3.8 | 50 | 64711030 | 100 | 64712030 | 150 | 64714030 |
| T20       | 13 | 2.8 | 35 | 64701020 | T40       | 19 | 4.3 | 50 | 64711040 | 100 | 64712040 | 150 | 64714040 |
| T25       | 13 | 3   | 35 | 64701025 | T45       | 19 | 5   | 50 | 64711045 | 100 | 64712045 | 150 | 64714045 |
| T27       | 13 | 3   | 35 | 64701027 | T47       | 19 | 5   | 50 | 64711047 | 100 | 64712047 | 150 | 64714047 |
| T30       | 13 | 3.8 | 35 | 64701030 | T50       | 19 | 5.5 | 50 | 64711050 | 100 | 64712050 | 150 | 64714050 |
|           |    |     |    |          | T55       | 19 | 5.5 | 50 | 64711055 | 100 | 64712055 | 150 | 64714055 |

| 1/2" Dr., |    |      |    |          |    |          |     |          |     |          |
|-----------|----|------|----|----------|----|----------|-----|----------|-----|----------|
|           | D2 | L1   | L  |          | L  |          | L   |          | L   |          |
| size      | mm | mm   | mm | No.      | mm | No.      | mm  | No.      | mm  | No.      |
| T20       | 25 | 2.8  | 55 | 64721020 | 75 | 64722020 | 100 | 64723020 | 150 | 64725020 |
| T25       | 25 | 3    | 55 | 64721025 | 75 | 64722025 | 100 | 64723025 | 150 | 64725025 |
| T27       | 25 | 3    | 55 | 64721027 | 75 | 64722027 | 100 | 64723027 | 150 | 64725027 |
| T30       | 25 | 3.8  | 55 | 64721030 | 75 | 64722030 | 100 | 64723030 | 150 | 64725030 |
| T40       | 25 | 3.8  | 55 | 64721040 | 75 | 64722040 | 100 | 64723040 | 150 | 64725040 |
| T45       | 25 | 4.3  | 55 | 64721045 | 75 | 64722045 | 100 | 64723045 | 150 | 64725045 |
| T47       | 25 | 5    | 55 | 64721047 | 75 | 64722047 | 100 | 64723047 | 150 | 64725047 |
| T50       | 25 | 5    | 55 | 64721050 | 75 | 64722050 | 100 | 64723050 | 150 | 64725050 |
| T55       | 25 | 5.5  | 55 | 64721055 | 75 | 64722055 | 100 | 64723055 | 150 | 64725055 |
| T60       | 25 | 8    | 55 | 64721060 | 75 | 64722060 | 100 | 64723060 | 150 | 64725060 |
| T70       | 25 | 9.4  | 55 | 64721070 | 75 | 64722070 | 100 | 64723070 | 150 | 64725070 |
| T80       | 25 | 10.5 | 55 | x        | 75 | 64722080 | 100 | 64723080 | 150 | 64725080 |
| T90       | 25 | 11.8 | 55 | x        | 75 | 64722090 | 100 | 64723090 | 150 | 64725090 |
| T100      | 25 | 13.1 | 55 | x        | 75 | 64722100 | 100 | 64723100 | 150 | 64725100 |

| 3/4" Dr., |    |      |     |          |
|-----------|----|------|-----|----------|
|           | D2 | L1   | L   |          |
| size      | mm | mm   | mm  | No.      |
| T50       | 44 | 5    | 100 | 64742050 |
| T55       | 44 | 5.5  | 100 | 64742055 |
| T60       | 44 | 8    | 100 | 64742060 |
| T70       | 44 | 9.4  | 100 | 64742070 |
| T80       | 44 | 10.5 | 100 | 64742080 |
| T90       | 44 | 11.8 | 100 | 64742090 |
| T100      | 44 | 13.1 | 100 | 64742100 |

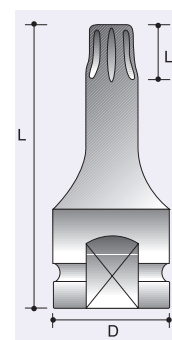


Torx® is a trademark of Textron

## Internal Torx Drivers - With Tamper Resistant

| 1/4" Dr., |          |          |         |          | 3/8" Dr., |          |          |         |          |         |          |
|-----------|----------|----------|---------|----------|-----------|----------|----------|---------|----------|---------|----------|
| size      | D2<br>mm | L1<br>mm | L<br>mm | No.      | size      | D2<br>mm | L1<br>mm | L<br>mm | No.      | L<br>mm | No.      |
| T8        | 13       | 2        | 35      | 64706008 | T20       | 19       | 3        | 50      | 64716020 | 100     | 64717020 |
| T9        | 13       | 2        | 35      | 64706009 | T25       | 19       | 3        | 50      | 64716025 | 100     | 64717025 |
| T10       | 13       | 2.8      | 35      | 64706010 | T27       | 19       | 3.8      | 50      | 64716027 | 100     | 64717027 |
| T15       | 13       | 2.8      | 35      | 64706015 | T30       | 19       | 3.8      | 50      | 64716030 | 100     | 64717030 |
| T20       | 13       | 2.8      | 35      | 64706020 | T40       | 19       | 4.3      | 50      | 64716040 | 100     | 64717040 |
| T25       | 13       | 3        | 35      | 64706025 | T45       | 19       | 5        | 50      | 64716045 | 100     | 64717045 |
| T27       | 13       | 3        | 35      | 64706027 | T47       | 19       | 5        | 50      | 64716047 | 100     | 64717047 |
| T30       | 13       | 3.8      | 35      | 64706030 | T50       | 19       | 5.5      | 50      | 64716050 | 100     | 64717050 |
|           |          |          |         |          | T55       | 19       | 5.5      | 50      | 64716055 | 100     | 64717055 |

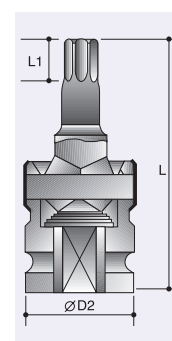
| 1/2" Dr., |          |          |         |          |         |          |         |          |
|-----------|----------|----------|---------|----------|---------|----------|---------|----------|
| size      | D2<br>mm | L1<br>mm | L<br>mm | No.      | L<br>mm | No.      | L<br>mm | No.      |
| T20       | 25       | 2.8      | 55      | 64726020 | 75      | 64727020 | 100     | 64728020 |
| T25       | 25       | 3        | 55      | 64726025 | 75      | 64727025 | 100     | 64728025 |
| T27       | 25       | 3        | 55      | 64726027 | 75      | 64727027 | 100     | 64728027 |
| T30       | 25       | 3.8      | 55      | 64726030 | 75      | 64727030 | 100     | 64728030 |
| T40       | 25       | 3.8      | 55      | 64726040 | 75      | 64727040 | 100     | 64728040 |
| T45       | 25       | 4.3      | 55      | 64726045 | 75      | 64727045 | 100     | 64728045 |
| T47       | 25       | 5        | 55      | 64726047 | 75      | 64727047 | 100     | 64728047 |
| T50       | 25       | 5        | 55      | 64726050 | 75      | 64727050 | 100     | 64728050 |
| T55       | 25       | 5.5      | 55      | 64726055 | 75      | 64727055 | 100     | 64728055 |
| T60       | 25       | 8        | 55      | 64726060 | 75      | 64727060 | 100     | 64728060 |
| T70       | 25       | 9.4      | 55      | 64726070 | 75      | 64727070 | 100     | 64728070 |



Internal Torx Drivers - With Tamper Resistant

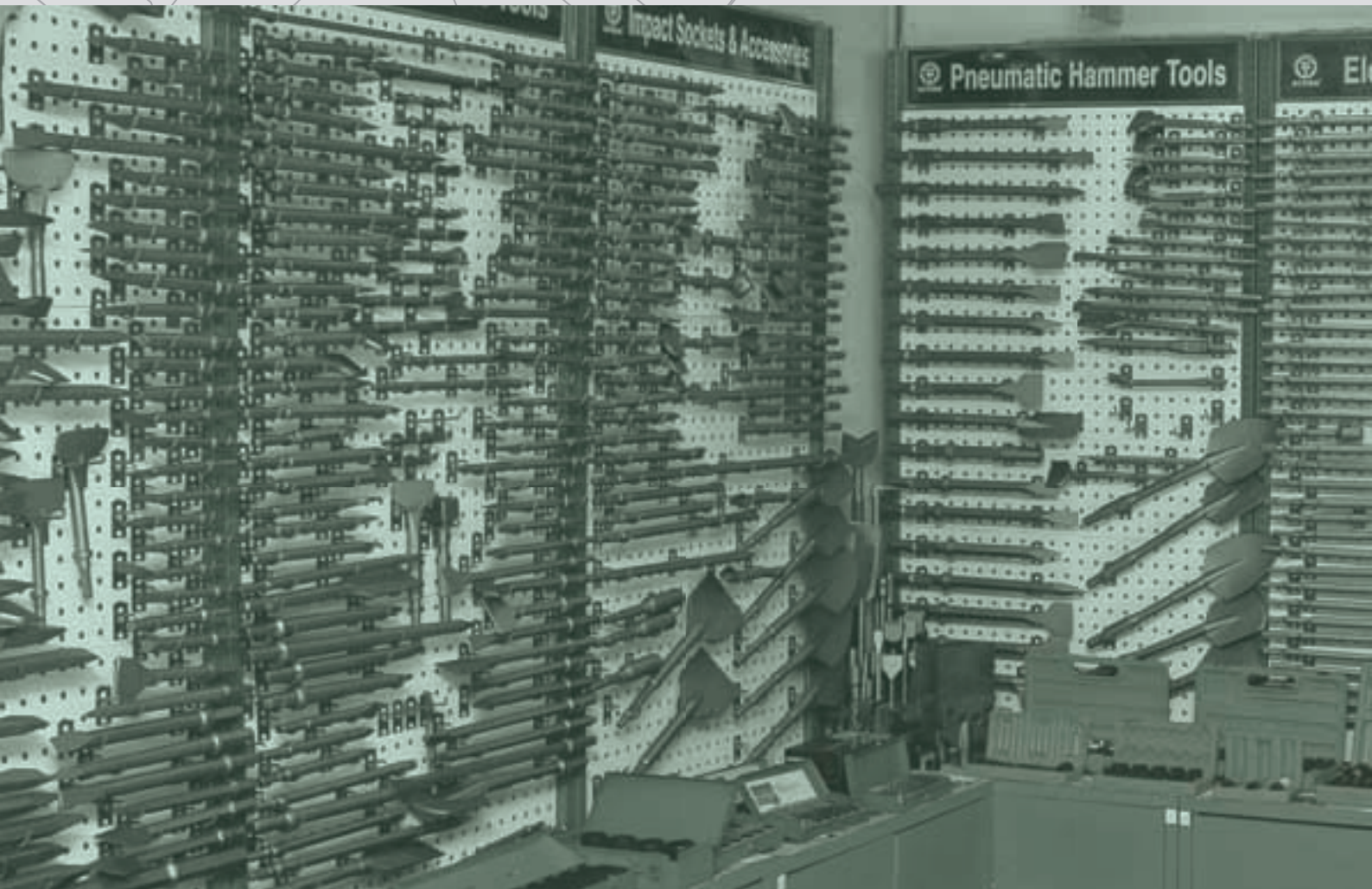
## Universal Internal Torx Drivers

| 3/8" Dr., |          |          |         |          | 1/2" Dr., |          |          |         |          |
|-----------|----------|----------|---------|----------|-----------|----------|----------|---------|----------|
| size      | D2<br>mm | L1<br>mm | L<br>mm | No.      | size      | D2<br>mm | L1<br>mm | L<br>mm | No.      |
| T20       | 24       | 3        | 60      | 64910020 | T25       | 28       | 3        | 70      | 64921025 |
| T25       | 24       | 3        | 60      | 64910025 | T27       | 28       | 3        | 70      | 64921027 |
| T27       | 24       | 3.8      | 60      | 64910027 | T30       | 28       | 3.8      | 70      | 64921030 |
| T30       | 24       | 3.8      | 60      | 64910030 | T40       | 28       | 3.8      | 70      | 64921040 |
| T40       | 24       | 4.3      | 60      | 64910040 | T45       | 28       | 4.3      | 70      | 64921045 |
| T45       | 24       | 5        | 60      | 64910045 | T47       | 28       | 5        | 70      | 64921047 |
| T47       | 24       | 5        | 60      | 64910047 | T50       | 28       | 5        | 70      | 64921050 |
| T50       | 24       | 5.5      | 60      | 64910050 | T55       | 28       | 5.5      | 70      | 64921055 |
| T55       | 24       | 5.5      | 60      | 64910055 | T60       | 28       | 8        | 70      | 64921060 |



Universal Internal Torx Drivers

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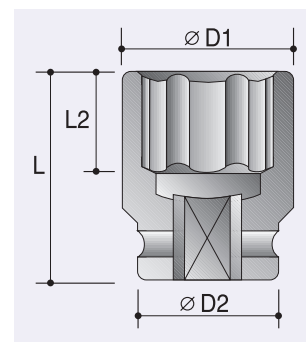




# External Torx Sockets

- 1/4" Sq. Dr., External Torx Sockets
- 3/8" Sq. Dr., External Torx Sockets
- 1/2" Sq. Dr., External Torx Sockets
- 3/4" Sq. Dr., External Torx Sockets
- 1" Sq. Dr., External Torx Sockets
- 1/4" Sq. Dr., External Torx Sockets - Magnetic
- 3/8" Sq. Dr., External Torx Sockets - Magnetic
- 1/2" Sq. Dr., External Torx Sockets - Magnetic
- 3/4" Sq. Dr., External Torx Sockets - Magnetic
- 3/8" Sq. Dr., Universal External Torx Sockets
- 1/2" Sq. Dr., Universal External Torx Sockets

# Impact Sockets

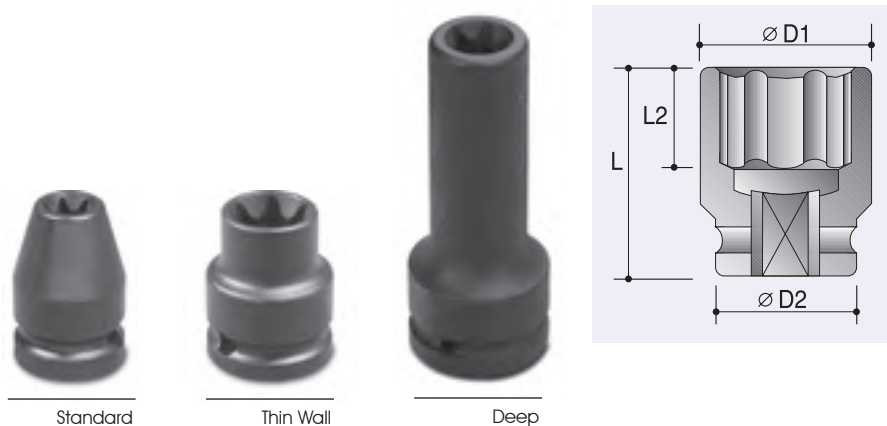


## External Torx Sockets

| 1/4" Dr. |      |      |     |        |          |        |          | 3/8" Dr. |    |      |      |        |          |        |          |
|----------|------|------|-----|--------|----------|--------|----------|----------|----|------|------|--------|----------|--------|----------|
| size     | D2   | D1   | L2  | Std. L | No.      | Deep L | No.      | size     | D2 | D1   | L2   | Std. L | No.      | Deep L | No.      |
| E4       | 13   | 7.2  | 4   | 25     | 63300004 | 50     | 63302004 | E4       | 19 | 8.2  | 4    | 32     | 63310004 | 63     | 63312004 |
| E5       | 13   | 8    | 4.5 | 25     | 63300005 | 50     | 63302005 | E5       | 19 | 9    | 4.5  | 32     | 63310005 | 63     | 63312005 |
| E6       | 13   | 9    | 5   | 25     | 63300006 | 50     | 63302006 | E6       | 19 | 10   | 5    | 32     | 63310006 | 63     | 63312006 |
| E7       | 13   | 9.5  | 6   | 25     | 63300007 | 50     | 63302007 | E7       | 19 | 10   | 6    | 32     | 63310007 | 63     | 63312007 |
| E8       | 13   | 10   | 6.5 | 25     | 63300008 | 50     | 63302008 | E8       | 19 | 10.5 | 6.5  | 32     | 63310008 | 63     | 63312008 |
| E10      | 13   | 12.5 | 7.5 | 25     | 63300010 | 50     | 63302010 | E10      | 19 | 12.5 | 7.5  | 32     | 63310010 | 63     | 63312010 |
| E11      | 13   | 13   | 8   | 25     | 63300011 | 50     | 63302011 | E11      | 19 | 14.5 | 8    | 32     | 63310011 | 63     | 63312011 |
| E12      | 14.5 | 14.5 | 8.5 | 25     | 63300012 | 50     | 63302012 | E12      | 19 | 15   | 8.5  | 32     | 63310012 | 63     | 63312012 |
|          |      |      |     |        |          |        |          | E14      | 19 | 17.5 | 10   | 32     | 63310014 | 65     | 63312014 |
|          |      |      |     |        |          |        |          | E16      | 19 | 19   | 11   | 32     | 63310016 | 65     | 63312016 |
|          |      |      |     |        |          |        |          | E18      | 21 | 21   | 12.5 | 34     | 63310018 | 65     | 63312018 |
|          |      |      |     |        |          |        |          | E20      | 22 | 24   | 14   | 34     | 63310020 | 65     | 63312020 |
|          |      |      |     |        |          |        |          | E22      | 22 | 26   | 15   | 36     | 63310022 | 65     | 63312022 |
|          |      |      |     |        |          |        |          | E24      | 22 | 28   | 16.5 | 36     | 63310024 | 65     | 63312024 |

## External Torx Sockets - Thin Wall

| 1/4" Dr. |      |      |     |        |          |        |          | 3/8" Dr. |    |      |      |        |          |        |          |
|----------|------|------|-----|--------|----------|--------|----------|----------|----|------|------|--------|----------|--------|----------|
| size     | D2   | D1   | L2  | Std. L | No.      | Deep L | No.      | size     | D2 | D1   | L2   | Std. L | No.      | Deep L | No.      |
| E4       | 13   | 5.5  | 4   | 25     | 63305004 | 50     | 63306004 | E4       | 19 | 5.5  | 4    | X      | X        | 63     | 63316004 |
| E5       | 13   | 7    | 4.5 | 25     | 63305005 | 50     | 63306005 | E5       | 19 | 7    | 4.5  | 32     | 63315005 | 63     | 63316005 |
| E6       | 13   | 8    | 5   | 25     | 63305006 | 50     | 63306006 | E6       | 19 | 8    | 5    | 32     | 63315006 | 63     | 63316006 |
| E7       | 13   | 9    | 6   | 25     | 63305007 | 50     | 63306007 | E7       | 19 | 9    | 6    | 32     | 63315007 | 63     | 63316007 |
| E8       | 13   | 9.8  | 6.5 | 25     | 63305008 | 50     | 63306008 | E8       | 19 | 9.8  | 6.5  | 32     | 63315008 | 63     | 63316008 |
| E10      | 13   | 12   | 7.5 | 25     | 63305010 | 50     | 63306010 | E10      | 19 | 12   | 7.5  | 32     | 63315010 | 63     | 63316010 |
| E11      | 13   | 12.5 | 8   | 25     | 63305011 | 50     | 63306011 | E11      | 19 | 13   | 8    | 32     | 63315011 | 63     | 63316011 |
| E12      | 14.5 | 14   | 8.5 | 25     | 63305012 | 50     | 63306012 | E12      | 19 | 14   | 8.5  | 32     | 63315012 | 63     | 63316012 |
|          |      |      |     |        |          |        |          | E14      | 19 | 16.5 | 10   | 32     | 63315014 | 65     | 63316014 |
|          |      |      |     |        |          |        |          | E16      | 19 | 18.4 | 11   | 32     | 63315016 | 65     | 63316016 |
|          |      |      |     |        |          |        |          | E18      | 21 | 20.5 | 12.5 | X      | X        | 65     | 63316018 |
|          |      |      |     |        |          |        |          | E20      | 22 | 22.5 | 14   | X      | X        | 65     | 63316020 |
|          |      |      |     |        |          |        |          | E22      | 22 | 24.5 | 15   | X      | X        | 65     | 63316022 |
|          |      |      |     |        |          |        |          | E24      | 22 | 26.5 | 16.5 | X      | X        | 65     | 63316024 |



### External Torx Sockets

### External Torx Sockets - Thin Wall

| □ 1/2" Dr., |    |      |      |        |          |        |          |      |    |      |      |        |          |        |          |  |  |
|-------------|----|------|------|--------|----------|--------|----------|------|----|------|------|--------|----------|--------|----------|--|--|
|             | D2 | D1   | L2   | Std. L |          | Deep L |          |      | D2 | D1   | L2   | Std. L |          | Deep L |          |  |  |
| size        | mm | mm   | mm   | mm     | No.      | mm     | No.      | size | mm | mm   | mm   | mm     | No.      | mm     | No.      |  |  |
| E8          | 25 | 13   | 6.5  | 38     | 63320008 | X      | X        | E10  | 25 | 12   | 7.5  | 38     | 63325010 | 78     | 63326010 |  |  |
| E10         | 25 | 15   | 7.5  | 38     | 63320010 | 78     | 63322010 | E11  | 25 | 13   | 8    | 38     | 63325011 | 78     | 63326011 |  |  |
| E11         | 25 | 15.5 | 8    | 38     | 63320011 | 78     | 63322011 | E12  | 25 | 14   | 8.5  | 38     | 63325012 | 78     | 63326012 |  |  |
| E12         | 25 | 16   | 8.5  | 38     | 63320012 | 78     | 63322012 | E14  | 25 | 16.5 | 10   | 38     | 63325014 | 78     | 63326014 |  |  |
| E14         | 25 | 18.5 | 10   | 38     | 63320014 | 78     | 63322014 | E16  | 25 | 18.4 | 11   | 38     | 63325016 | 78     | 63326016 |  |  |
| E16         | 25 | 20   | 11   | 38     | 63320016 | 78     | 63322016 | E18  | 25 | 20.5 | 12.5 | 38     | 63325018 | 78     | 63326018 |  |  |
| E18         | 25 | 22   | 12.5 | 38     | 63320018 | 78     | 63322018 | E20  | 30 | 22.5 | 14   | 38     | 63325020 | 78     | 63326020 |  |  |
| E20         | 30 | 25   | 14   | 38     | 63320020 | 78     | 63322020 | E22  | 30 | 24.5 | 15   | 45     | 63325022 | 78     | 63326022 |  |  |
| E22         | 30 | 26.5 | 15   | 45     | 63320022 | 78     | 63322022 | E24  | 30 | 26.5 | 16.5 | 45     | 63325024 | 78     | 63326024 |  |  |
| E24         | 30 | 28.5 | 16.5 | 45     | 63320024 | 78     | 63322024 |      |    |      |      |        |          |        |          |  |  |

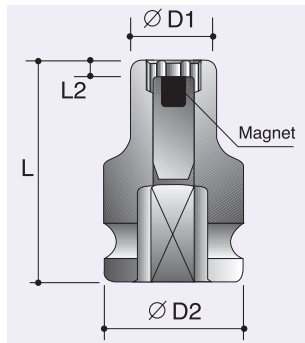
### External Torx Sockets

| □ 3/4" Dr., |    |    |      |        |          |        |          | □ 1" Dr., |    |    |      |    |          |
|-------------|----|----|------|--------|----------|--------|----------|-----------|----|----|------|----|----------|
|             | D2 | D1 | L2   | Std. L |          | Deep L |          |           | D2 | D1 | L2   | L  |          |
| size        | mm | mm | mm   | mm     | No.      | mm     | No.      | size      | mm | mm | mm   | mm | No.      |
| E18         | 44 | 25 | 12.5 | 56     | 63340018 | 110    | 63344018 | E18       | 54 | 28 | 12.5 | 65 | 63350018 |
| E20         | 44 | 27 | 14   | 56     | 63340020 | 110    | 63344020 | E20       | 54 | 30 | 14   | 65 | 63350020 |
| E22         | 44 | 30 | 15   | 56     | 63340022 | 110    | 63344022 | E22       | 54 | 33 | 15   | 65 | 63350022 |
| E24         | 44 | 33 | 16.5 | 56     | 63340024 | 110    | 63344024 | E24       | 54 | 36 | 16.5 | 65 | 63350024 |
| E26         | 44 | 36 | 18   | 56     | 63340026 | 110    | 63344026 | E26       | 54 | 39 | 18   | 65 | 63350026 |
| E28         | 44 | 39 | 24.5 | 56     | 63340028 | 110    | 63344028 | E28       | 54 | 42 | 24.5 | 65 | 63350028 |
| E30         | 44 | 42 | 24.5 | 56     | 63340030 | 110    | 63344030 | E30       | 54 | 45 | 24.5 | 65 | 63350030 |
| E32         | 44 | 44 | 24.5 | 56     | 63340032 | 110    | 63344032 | E32       | 54 | 48 | 24.5 | 65 | 63350032 |

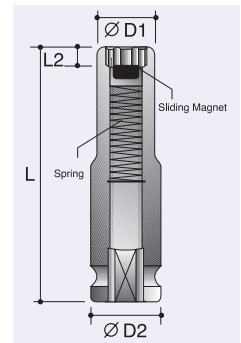
# Impact Sockets



External Torx Sockets  
- With Magnetic



External Torx Sockets - Deep  
- With Slide Magnetic



## External Torx Sockets

### With Magnetic

#### 1/4" Dr.,

| size | D2<br>mm | D1<br>mm | L1<br>mm | L<br>mm | No.      |
|------|----------|----------|----------|---------|----------|
| E6   | 13       | 9        | 4        | 25      | 6330N006 |
| E8   | 13       | 10.5     | 5        | 25      | 6330N008 |
| E10  | 13       | 12.5     | 5        | 25      | 6330N010 |
| E11  | 13       | 13       | 5        | 25      | 6330N011 |
| E12  | 14.5     | 14.5     | 6        | 25      | 6330N012 |

#### 3/8" Dr.,

| size | D2<br>mm | D1<br>mm | L1<br>mm | L<br>mm | No.      |
|------|----------|----------|----------|---------|----------|
| E8   | 19       | 11.5     | 5        | 32      | 6331N008 |
| E10  | 19       | 13.5     | 5        | 32      | 6331N010 |
| E11  | 19       | 14       | 5        | 32      | 6331N011 |
| E12  | 19       | 15.5     | 6        | 32      | 6331N012 |
| E14  | 19       | 17.5     | 8        | 32      | 6331N014 |
| E16  | 19       | 19       | 9        | 32      | 6331N016 |
| E18  | 21       | 21       | 9        | 32      | 6331N018 |

#### 1/2" Dr.,

| size | D2<br>mm | D1<br>mm | L1<br>mm | L<br>mm | No.      |
|------|----------|----------|----------|---------|----------|
| E10  | 25       | 14.5     | 5        | 38      | 6332N010 |
| E11  | 25       | 15       | 5        | 38      | 6332N011 |
| E12  | 25       | 16       | 6        | 38      | 6332N012 |
| E14  | 25       | 18       | 8        | 38      | 6332N014 |
| E16  | 25       | 20       | 9        | 38      | 6332N016 |
| E18  | 25       | 22       | 10       | 38      | 6332N018 |
| E20  | 30       | 25       | 10       | 38      | 6332N020 |
| E22  | 30       | 27       | 10       | 45      | 6332N022 |
| E24  | 30       | 29       | 11       | 45      | 6332N024 |

#### 3/4" Dr.,

| size | D2<br>mm | D1<br>mm | L1<br>mm | L<br>mm | No.      |
|------|----------|----------|----------|---------|----------|
| E18  | 44       | 25       | 12.5     | 56      | 6334N018 |
| E20  | 44       | 27       | 14       | 56      | 6334N020 |
| E22  | 44       | 30       | 15       | 56      | 6334N022 |
| E24  | 44       | 33       | 16.5     | 56      | 6334N024 |
| E26  | 44       | 36       | 17.5     | 56      | 6334N026 |
| E28  | 44       | 39       | 24       | 56      | 6334N028 |
| E30  | 44       | 42       | 24       | 56      | 6334N030 |
| E32  | 44       | 44       | 24       | 56      | 6334N032 |

## External Torx Sockets - Deep

### With Slide Magnetic

#### 1/4" Dr.,

| size | D2<br>mm | D1<br>mm | L1<br>mm | L<br>mm | No.      |
|------|----------|----------|----------|---------|----------|
| E8   | 13       | 10.5     | 6        | 50      | 6330L008 |
| E10  | 13       | 12.5     | 7.5      | 50      | 6330L010 |
| E11  | 13       | 13       | 8        | 50      | 6330L011 |
| E12  | 14.5     | 14.5     | 8.5      | 50      | 6330L012 |

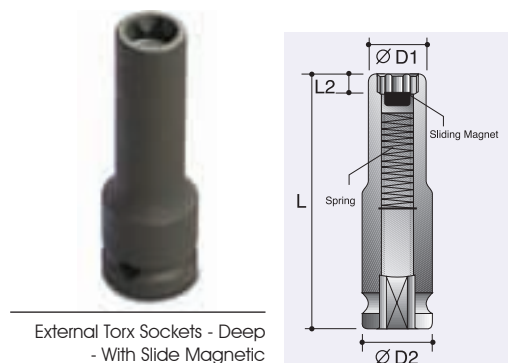
#### 3/8" Dr.,

| size | D2<br>mm | D1<br>mm | L1<br>mm | L<br>mm | No.      |
|------|----------|----------|----------|---------|----------|
| E8   | 19       | 11.5     | 6        | 63      | 6331L008 |
| E10  | 19       | 13.5     | 7.5      | 63      | 6331L010 |
| E11  | 19       | 14       | 8        | 63      | 6331L011 |
| E12  | 19       | 15.5     | 8.5      | 63      | 6331L012 |
| E14  | 19       | 17.5     | 10.5     | 65      | 6331L014 |
| E16  | 19       | 19       | 11.5     | 65      | 6331L016 |
| E18  | 21       | 21       | 13.5     | 65      | 6331L018 |

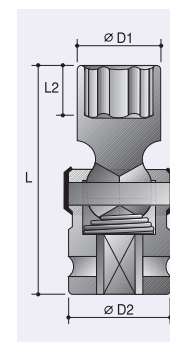
#### 1/2" Dr.,

| size | D2<br>mm | D1<br>mm | L1<br>mm | L<br>mm | No.      |
|------|----------|----------|----------|---------|----------|
| E10  | 25       | 14.5     | 7.5      | 78      | 6332L010 |
| E11  | 25       | 15       | 8        | 78      | 6332L011 |
| E12  | 25       | 16       | 8.5      | 78      | 6332L012 |
| E14  | 25       | 18       | 10       | 78      | 6332L014 |
| E16  | 25       | 20       | 11       | 78      | 6332L016 |
| E18  | 25       | 22       | 12.5     | 78      | 6332L018 |
| E20  | 30       | 25       | 14       | 78      | 6332L020 |
| E22  | 30       | 27       | 15       | 78      | 6332L022 |
| E24  | 30       | 29       | 16.5     | 78      | 6332L024 |

Torx® is a trademark of Textron



External Torx Sockets - Deep  
- With Slide Magnetic



## External Torx Sockets - Thin Wall Deep

### With Slide Magnetic

#### 1/4" Dr.,

|      | D2   | D1   | L1  | L  |          |
|------|------|------|-----|----|----------|
| size | mm   | mm   | mm  | mm | No.      |
| E8   | 13   | 9.8  | 6.5 | 50 | 6330T008 |
| E10  | 13   | 12   | 7.5 | 50 | 6330T010 |
| E11  | 13   | 12.5 | 8   | 50 | 6330T011 |
| E12  | 14.5 | 14   | 8.5 | 50 | 6330T012 |

#### 3/8" Dr.,

|      | D2 | D1   | L1   | L  |          |
|------|----|------|------|----|----------|
| size | mm | mm   | mm   | mm | No.      |
| E8   | 19 | 9.8  | 6    | 63 | 6331T008 |
| E10  | 19 | 12   | 7.5  | 63 | 6331T010 |
| E11  | 19 | 13   | 8    | 63 | 6331T011 |
| E12  | 19 | 14   | 8.5  | 63 | 6331T012 |
| E14  | 19 | 16.5 | 10.5 | 65 | 6331T014 |
| E16  | 19 | 18.4 | 11.5 | 65 | 6331T016 |
| E18  | 21 | 20.5 | 13.5 | 65 | 6331T018 |
| E20  | 22 | 22.5 | 14   | 65 | 6331T020 |
| E22  | 22 | 24.5 | 15   | 65 | 6331T022 |
| E24  | 22 | 26.5 | 16.5 | 65 | 6331T024 |

#### 1/2" Dr.,

|      | D2 | D1   | L1   | L  |          |
|------|----|------|------|----|----------|
| size | mm | mm   | mm   | mm | No.      |
| E10  | 25 | 12   | 7.5  | 78 | 6332T010 |
| E11  | 25 | 13   | 8    | 78 | 6332T011 |
| E12  | 25 | 14   | 8.5  | 78 | 6332T012 |
| E14  | 25 | 16.5 | 10   | 78 | 6332T014 |
| E16  | 25 | 18.4 | 11   | 78 | 6332T016 |
| E18  | 25 | 20.5 | 12.5 | 78 | 6332T018 |
| E20  | 30 | 22.5 | 14   | 78 | 6332T020 |
| E22  | 30 | 24.5 | 15   | 78 | 6332T022 |
| E24  | 30 | 26.5 | 16.5 | 78 | 6332T024 |

## Universal External Torx

### 3/8" Dr.,

|      | D2 | D1   | L2  | L  |          |
|------|----|------|-----|----|----------|
| size | mm | mm   | mm  | mm | No.      |
| E5   | 24 | 8    | 4.5 | 50 | 68710005 |
| E6   | 24 | 9    | 5   | 50 | 68710006 |
| E7   | 24 | 9.3  | 6   | 50 | 68710007 |
| E8   | 24 | 10   | 6.5 | 50 | 68710008 |
| E10  | 24 | 12   | 7.5 | 50 | 68710010 |
| E11  | 24 | 13   | 8   | 50 | 68710011 |
| E12  | 24 | 14   | 8.5 | 50 | 68710012 |
| E14  | 24 | 16.5 | 10  | 50 | 68710014 |
| E16  | 24 | 18.4 | 11  | 50 | 68710016 |
| E18  | 24 | 20.5 | 11  | 50 | 68710018 |

### 1/2" Dr.,

|      | D2 | D1   | L2   | L  |          |
|------|----|------|------|----|----------|
| size | mm | mm   | mm   | mm | No.      |
| E10  | 28 | 13   | 7.5  | 65 | 68720010 |
| E11  | 28 | 14   | 8    | 65 | 68720011 |
| E12  | 28 | 15   | 8.5  | 65 | 68720012 |
| E14  | 28 | 17   | 10   | 65 | 68720014 |
| E16  | 28 | 18.5 | 11   | 65 | 68720016 |
| E18  | 28 | 20.5 | 12.5 | 65 | 68720018 |
| E20  | 32 | 22.5 | 14   | 70 | 68720020 |
| E22  | 32 | 24.5 | 15   | 70 | 68720022 |
| E24  | 32 | 26.5 | 16.5 | 70 | 68720024 |

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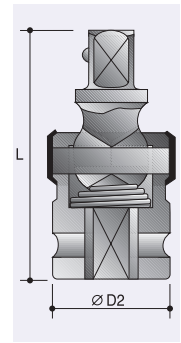
# Universal Joints

|                 |                  |
|-----------------|------------------|
| 1/4" Sq. Dr.,   | Universal Joints |
| 3/8" Sq. Dr.,   | Universal Joints |
| 1/2" Sq. Dr.,   | Universal Joints |
| 3/4" Sq. Dr.,   | Universal Joints |
| 1" Sq. Dr.,     | Universal Joints |
| 1-1/2" Sq. Dr., | Universal Joints |
| 2-1/2" Sq. Dr., | Universal Joints |
| #5 Spline Dr.,  | Universal Joints |

# Impact Sockets



## Universal Joints

|  |  | D2 | L   | Steel Ball Retainer | Pin Hole | Lock Pin Retainer |
|---|---|----|-----|---------------------|----------|-------------------|
| Female  | Male  | mm | mm  | No.                 | No.      | No.               |
| 1/4"  | 1/4"  | 16 | 43  | 64301008            | 64302008 | 64304008          |
| 3/8"  | 3/8"  | 24 | 50  | 64311012            | 64312012 | 64314012          |
| 1/2"  | 1/2"  | 32 | 60  | 64321016            | 64322016 | 64324016          |
| 3/4"  | 3/4"  | 44 | 90  | 6434A024            | 6434B024 | 6434C024          |
| 1"  | 1"  | 54 | 110 | 6435A100            | 6435B100 | 6435C100          |





Steel Ball Retainer      Pin Hole      Lock Pin Retainer

## Universal Joints - Thin Wall



|  |  | D2 | L  | Steel Ball Retainer | Pin Hole | Lock Pin Retainer |
|---|---|----|----|---------------------|----------|-------------------|
| Female  | Male  | mm | mm | No.                 | No.      | No.               |
| 3/8"  | 3/8"  | 18 | 47 | 6431T012            | x        | x                 |
| 1/2"  | 1/2"  | 28 | 60 | 6432D016            | 6432E016 | 6432F016          |
| 1/2"  | 1/2"  | 24 | 60 | 6432T016            | x        | x                 |



Steel Ball Retainer      Pin Hole

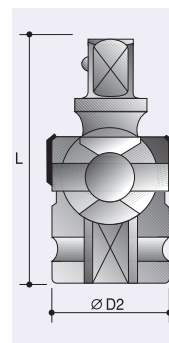
|  |  | D2  | L   | Steel Ball Retainer | Pin Hole |
|--|--|-----|-----|---------------------|----------|
| Female   | Male   | mm  | mm  | No.                 | No.      |
| 1-1/2"   | 1-1/2"   | 86  | 182 | 64161116            | 64162116 |
| 2-1/2"   | 2-1/2"   | 152 | 248 | x                   | 64382216 |

## Universal Joints - Heavy Duty



|  |  | D2 | L   | Steel Ball Retainer | Pin Hole | Lock Pin Retainer |
|---|---|----|-----|---------------------|----------|-------------------|
| Female  | Male  | mm | mm  | No.                 | No.      | No.               |
| 1"  | 1"  | 58 | 118 | 6445A100            | 6445B100 | 6445C100          |



Steel Ball Retainer      Pin Hole      Lock Pin Retainer

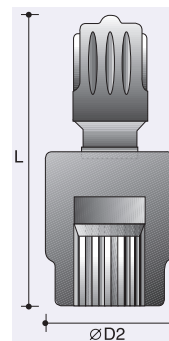


## Universal Joints

|  |  | D2 | L   | Lock Button |
|---|---|----|-----|-------------|
| Female  | Male  | mm | mm  | No.         |
| #5  | #5  | 62 | 185 | 67759005    |



Lock Button









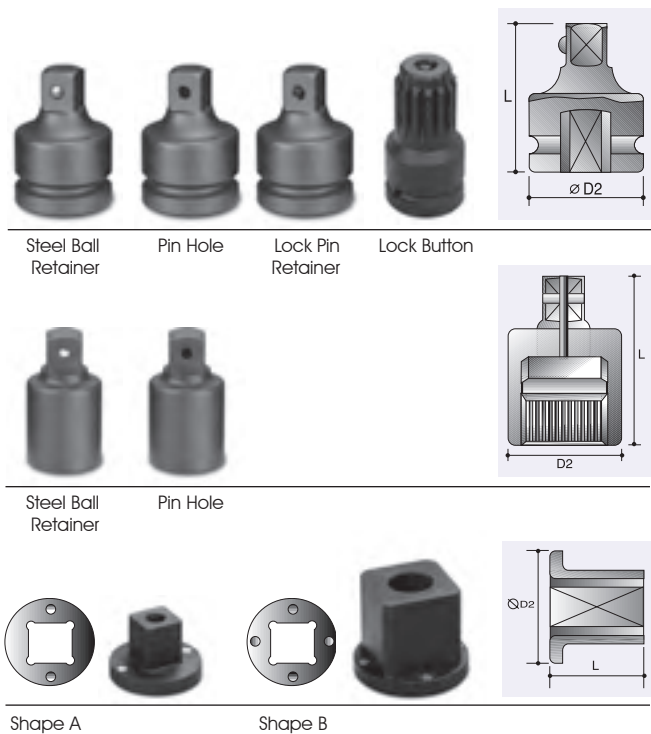
# Adapters

1/4" Sq. Dr., Adapters  
3/8" Sq. Dr., Adapters  
1/2" Sq. Dr., Adapters  
3/4" Sq. Dr., Adapters  
1" Sq. Dr., Adapters  
1-1/2" Sq. Dr., Adapters  
2-1/2" Sq. Dr., Adapters  
#5 Spline Dr., Adapters  
Reducing Adapters  
Double Ended Female Adapters  
Connectors Male / Male Square



# Impact Sockets

## Adapters



|  |  | D2   | L   | Steel Ball Retainer | Pin Hole | Lock Pin Retainer |  |  | D2  | L   | Steel Ball Retainer | Pin Hole | Lock Pin Retainer |
|---|---|------|-----|---------------------|----------|-------------------|---|---|-----|-----|---------------------|----------|-------------------|
| Female  | Male  | mm   | mm  | No.                 | No.      | No.               | Female  | Male  | mm  | mm  | No.                 | No.      | No.               |
| 1/4"  | 3/8"  | 13.6 | 26  | 64001012            | 64002012 | 64004012          | 3/4"  | 1/2"  | 44  | 56  | 64041016            | 64042016 | 64044016          |
| 3/8"  | 1/4"  | 22   | 32  | 64011008            | 64012008 | 64014008          | 3/4"  | 1/2"  | 44  | 75  | 64041116            | 64042116 | 64044116          |
| 3/8"  | 1/4"  | 22   | 50  | 64011108            | 64012108 | 64014108          | 3/4"  | 1/2"  | 44  | 100 | 64041216            | 64042216 | 64044216          |
| 3/8"  | 1/4"  | 22   | 75  | 64011208            | 64012208 | 64014208          | 3/4"  | 1/2"  | 44  | 125 | 64041316            | 64042316 | 64044316          |
| 3/8"  | 1/4"  | 22   | 100 | 64011308            | 64012308 | 64014308          | 3/4"  | 1/2"  | 44  | 150 | 64041416            | 64042416 | 64044416          |
| 3/8"  | 1/4"  | 22   | 125 | 64011408            | 64012408 | 64014408          | 3/4"  | 1/2"  | 44  | 175 | 64041516            | 64042516 | 64044516          |
| 3/8"  | 1/4"  | 22   | 150 | 64011508            | 64012508 | 64014508          | 3/4"  | 1/2"  | 44  | 200 | 64041616            | 64042616 | 64044616          |
| 3/8"  | 1/2"  | 22   | 36  | 64011016            | 64012016 | 64014016          | 3/4"  | 1/2"  | 44  | 250 | 64041716            | 64042716 | 64044716          |
| 1/2"  | 1/4"  | 25   | 38  | 64021008            | 64022008 | 64024008          | 3/4"  | 1"  | 44  | 63  | 64041100            | 64042100 | 64044100          |
| 1/2"  | 1/4"  | 25   | 50  | 64021108            | 64022108 | 64024108          | 3/4"  | 1"  | 44  | 150 | 6404E100            | 6404F100 | 6404G100          |
| 1/2"  | 1/4"  | 25   | 100 | 64021208            | 64022208 | 64024208          | 3/4"  | 1"  | 44  | 175 | 6404A100            | 6404B100 | 6404C100          |
| 1/2"  | 1/4"  | 25   | 150 | 64021308            | 64022308 | 64024308          | 3/4"  | #5  | 54  | 105 | x                   | x        | 64049005          |
| 1/2"  | 3/8"  | 25   | 38  | 64021012            | 64022012 | 64024012          | 1"  | 3/4"  | 54  | 75  | 64051024            | 64052024 | 64054024          |
| 1/2"  | 3/8"  | 25   | 50  | 64021112            | 64022112 | 64024112          | 1"  | 3/4"  | 54  | 100 | 64051124            | 64052124 | 64054124          |
| 1/2"  | 3/8"  | 25   | 75  | 64021212            | 64022212 | 64024212          | 1"  | 3/4"  | 54  | 150 | 64051224            | 64052224 | 64054224          |
| 1/2"  | 3/8"  | 25   | 100 | 64021312            | 64022312 | 64024312          | 1"  | 3/4"  | 54  | 175 | 64051324            | 64052324 | 64054324          |
| 1/2"  | 3/8"  | 25   | 125 | 64021412            | 64022412 | 64024412          | 1"  | 3/4"  | 54  | 200 | 64051424            | 64052424 | 64054424          |
| 1/2"  | 3/8"  | 25   | 150 | 64021512            | 64022512 | 64024512          | 1"  | 3/4"  | 54  | 250 | 64051524            | 64052524 | 64054524          |
| 1/2"  | 3/8"  | 25   | 200 | 64021612            | 64022612 | 64024612          | 1"  | 1-1/2"  | 54  | 90  | 64051116            | 64052116 | x                 |
| 1/2"  | 3/8"  | 25   | 250 | 64021712            | 64022712 | 64024712          | 1"  | #5  | 56  | 105 | x                   | x        | 64059005          |
| 1/2"  | 3/8"  | 25   | 300 | 64021812            | 64022812 | 64024812          | 1-1/4"  | 1"  | 69  | 90  | x                   | 640A2100 | x                 |
| 1/2"  | 3/8"  | 25   | 380 | 64021912            | 64022912 | 64024912          | 1-1/4"  | 1-1/2"  | 69  | 95  | x                   | 640A2116 | x                 |
| 1/2"  | 3/8"  | 25   | 460 | 6402A012            | x        | 6402C012          | 1-1/2"  | 1"  | 86  | 100 | 64061100            | 64062100 | x                 |
| 1/2"  | 3/8"  | 25   | 610 | 6402E012            | x        | 6402G012          | 1-1/2"  | 2-1/2"  | 86  | 120 | x                   | 64062216 | x                 |
| 1/2"  | 3/8"  | 25   | 915 | 6402K012            | x        | 6402M012          | 1-1/2"  | 1"  | 86  | 100 | x                   | x        | 64064100          |
| 1/2"  | 3/4"  | 30   | 48  | 64021024            | 64022024 | 64024024          | 1-1/2"  | #5  | 86  | 125 | x                   | x        | 64069005          |
|   |   |      |     |                     |          |                   | 1-3/4"  | 1-1/2"  | 98  | 135 | x                   | 64072116 | x                 |
|   |   |      |     |                     |          |                   | 1-3/4"  | 2-1/2"  | 98  | 140 | x                   | 64072216 | x                 |
|   |   |      |     |                     |          |                   | 2-1/2"  | 1-1/2"  | 127 | 138 | x                   | 64082116 | x                 |
|   |   |      |     |                     |          |                   | #5  | 3/4"  | 53  | 87  | 67451024            | 67452024 | x                 |
|   |   |      |     |                     |          |                   | #5  | 1"  | 53  | 94  | 67451100            | 67452100 | x                 |

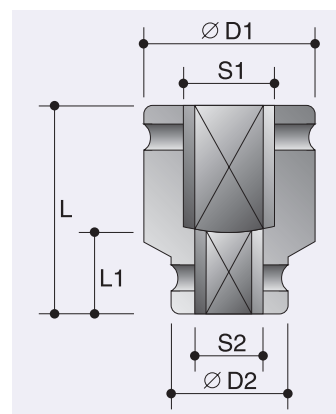


### Reducing Adapter - Sleeve Type - With Magnetic



|  |  |       | D2  | L  |          |
|---|---|-------|-----|----|----------|
| Female  | Male  | Shape | mm  | mm | No.      |
| 1/4"  | 3/8"  | A     | 19  | 17 | 69880P12 |
| 1/4"  | 1/2"  | A     | 25  | 22 | 69880P16 |
| 3/8"  | 1/2"  | A     | 25  | 22 | 69881P16 |
| 1/2"  | 5/8"  | A     | 35  | 23 | 69882P20 |
| 1/2"  | 3/4"  | A     | 44  | 30 | 69882P24 |
| 3/4"  | 1"  | B     | 54  | 35 | 69884P32 |
| 1"  | 1-1/2"  | B     | 86  | 50 | 69885P48 |
| 1-1/2"  | 2-1/2"  | B     | 127 | 59 | 69886P80 |
| 2-1/2"  | 3-1/2"  | B     | 176 | 95 | 69888P01 |

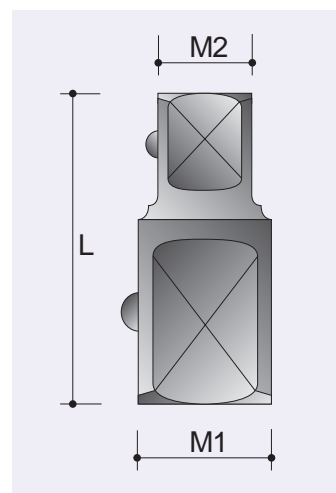
## Double Ended Female Adapters

|  |  | D1  | D2  | L1 | L   | No.      |
|---|---|-----|-----|----|-----|----------|
| S1  | S2  | mm  | mm  | mm | mm  |          |
| 1/2"  | 1/2"  | 25  | 25  |    | 33  | 694F1616 |
| 5/8"  | 1/2"  | 35  | 25  | 18 | 41  | 694F2016 |
| 5/8"  | 5/8"  | 35  | 35  |    | 35  | 694F2020 |
| 3/4"  | 1/2"  | 44  | 25  | 17 | 49  | 694F2416 |
| 3/4"  | 5/8"  | 44  | 35  | 18 | 50  | 694F2420 |
| 3/4"  | 3/4"  | 44  | 44  |    | 49  | 694F2424 |
| 1"  | 3/4"  | 54  | 44  | 25 | 63  | 694F3224 |
| 1"  | 1"  | 54  | 54  |    | 59  | 694F3232 |
| 1-1/2"  | 1"  | 86  | 54  | 30 | 83  | 694F4832 |
| 1-1/2"  | 1-1/2"  | 86  | 86  |    | 85  | 694F4848 |
| 2-1/2"  | 1-1/2"  | 127 | 86  | 42 | 115 | 694F8048 |
| 2-1/2"  | 2-1/2"  | 127 | 127 |    | 117 | 694F8080 |



## Connectors Male / Male Square

|  |  | L  | No.      |
|---|---|----|----------|
| M1  | M2  | mm |          |
| 1/4"  | 1/4"  | 27 | 69001081 |
| 9/32"   | 1/4"  | 27 | 690A1081 |
| 3/8"  | 9/32"   | 27 | 69011091 |
| 3/8"  | 3/8"  | 34 | 69011121 |
| 1/2"  | 3/8"  | 38 | 69021121 |
| 1/2"  | 1/2"  | 40 | 69021161 |
| 1/2"  | 1/2"  | 50 | 69021162 |
| 3/4"  | 3/4"  | 54 | 69041241 |
| 1"  | 3/4"  | 77 | 69051241 |
| 1"  | 3/4"  | 57 | 69051242 |
| 1"  | 3/4"  | 66 | 69051243 |
| 1"  | 1"  | 68 | 69051322 |



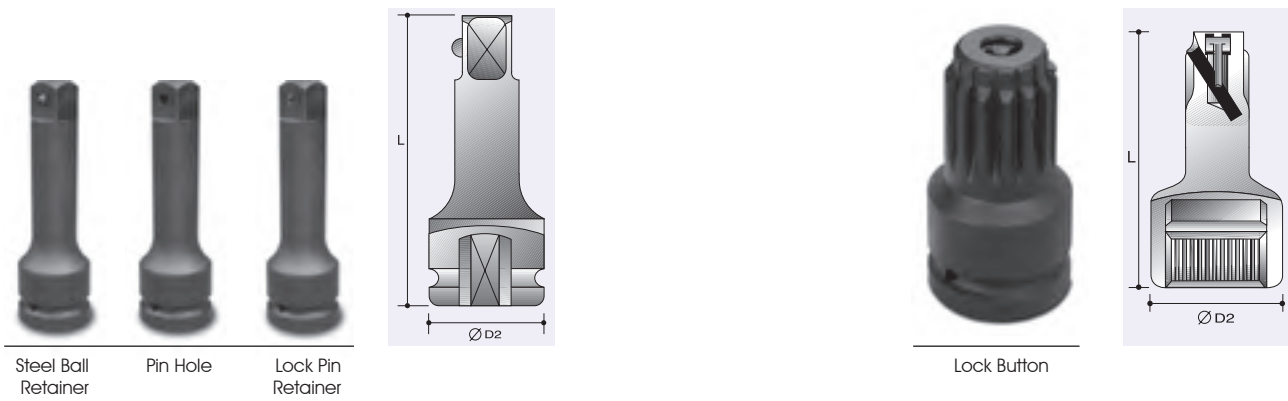




# Extension Bars

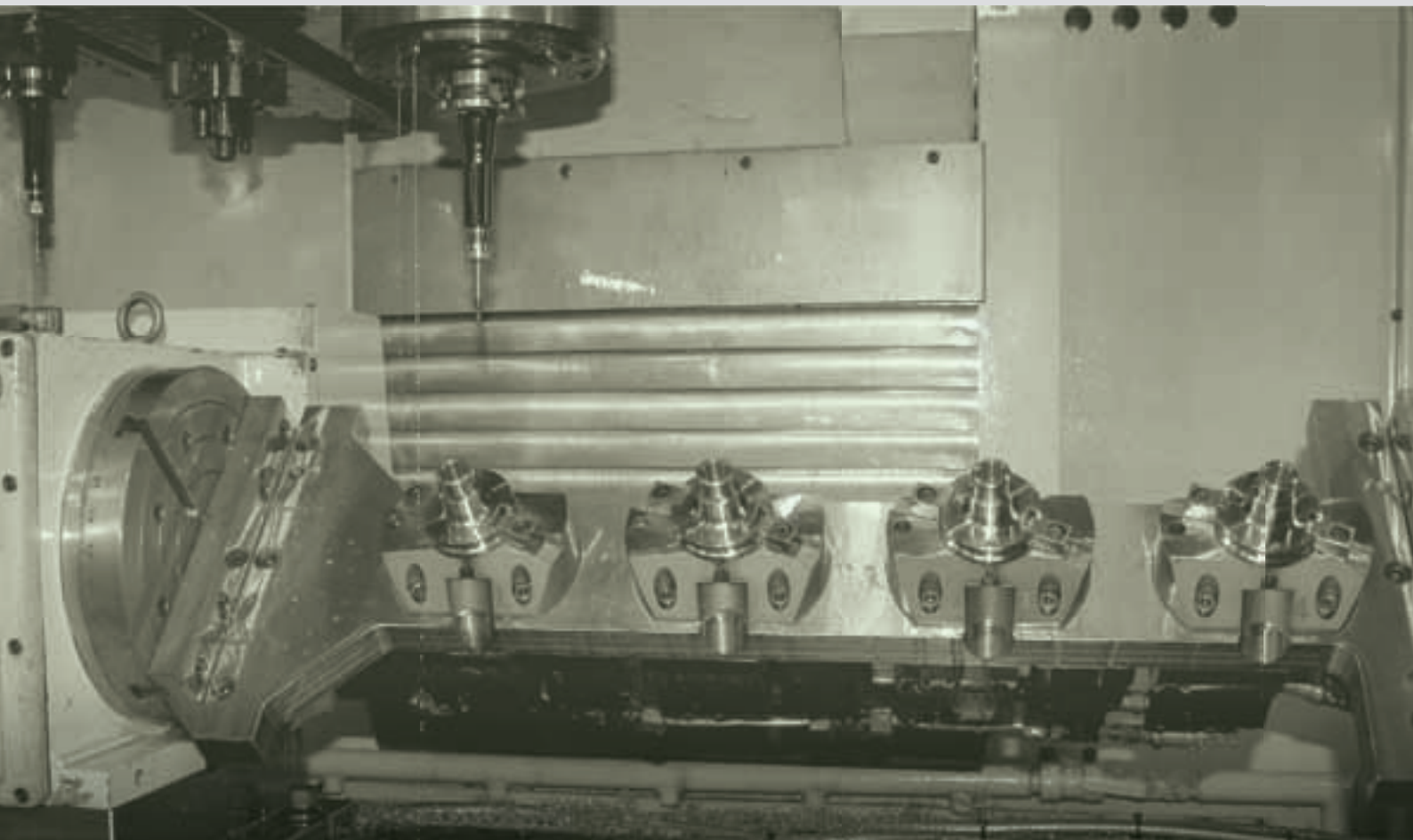
1/4" Sq. Dr., Extension Bars  
3/8" Sq. Dr., Extension Bars  
1/2" Sq. Dr., Extension Bars  
3/4" Sq. Dr., Extension Bars  
1" Sq. Dr., Extension Bars  
1-1/2" Sq. Dr., Extension Bars  
2-1/2" Sq. Dr., Extension Bars  
#5 Spline Dr., Extension Bars

# Impact Sockets



## Extension Bars

| Female | Male | D2<br>mm | L<br>mm | Steel Ball Retainer<br>No. | Pin Hole<br>No. | Lock Pin Retainer<br>No. | Female | Male   | D2<br>mm | L<br>mm | Steel Ball Retainer<br>No. | Pin Hole<br>No. | Lock Pin Retainer<br>No. |
|--------|------|----------|---------|----------------------------|-----------------|--------------------------|--------|--------|----------|---------|----------------------------|-----------------|--------------------------|
| 1/4"   | 1/4" | 13       | 50      | 64501050                   | 64502050        | 64504050                 | 3/4"   | 3/4"   | 44       | 75      | 64541075                   | 64542075        | 64544075                 |
| 1/4"   | 1/4" | 13       | 75      | 64501075                   | 64502075        | 64504075                 | 3/4"   | 3/4"   | 44       | 100     | 64541100                   | 64542100        | 64544100                 |
| 1/4"   | 1/4" | 13       | 100     | 64501100                   | 64502100        | 64504100                 | 3/4"   | 3/4"   | 44       | 125     | 64541125                   | 64542125        | 64544125                 |
| 1/4"   | 1/4" | 13       | 125     | 64501125                   | 64502125        | 64504125                 | 3/4"   | 3/4"   | 44       | 150     | 64541150                   | 64542150        | 64544150                 |
| 1/4"   | 1/4" | 13       | 150     | 64501150                   | 64502150        | 64504150                 | 3/4"   | 3/4"   | 44       | 175     | 64541175                   | 64542175        | 64544175                 |
| 1/4"   | 1/4" | 13       | 175     | 64501175                   | 64502175        | 64504175                 | 3/4"   | 3/4"   | 44       | 200     | 64541200                   | 64542200        | 64544200                 |
| 1/4"   | 1/4" | 13       | 200     | 64501200                   | 64502200        | 64504200                 | 3/4"   | 3/4"   | 44       | 250     | 64541250                   | 64542250        | 64544250                 |
| 1/4"   | 1/4" | 13       | 250     | 64501250                   | 64502250        | 64504250                 | 3/4"   | 3/4"   | 44       | 300     | 64541300                   | 64542300        | 64544300                 |
| 1/4"   | 1/4" | 13       | 300     | 64501300                   | 64502300        | 64504300                 | 3/4"   | 3/4"   | 44       | 330     | 64541330                   | 64542330        | 64544330                 |
| 1/4"   | 1/4" | 13       | 350     | 64501350                   | 64502350        | 64504350                 | 3/4"   | 3/4"   | 44       | 400     | 64541400                   | 64542400        | 64544400                 |
| 1/4"   | 1/4" | 13       | 450     | 64501450                   | 64502450        | 64504450                 | 3/4"   | 3/4"   | 44       | 610     | 64541610                   | 64542610        | 64544610                 |
| 3/8"   | 3/8" | 19       | 50      | 64511050                   | 64512050        | 64514050                 | 1"     | 1"     | 54       | 75      | 64551075                   | 64552075        | 64554075                 |
| 3/8"   | 3/8" | 19       | 75      | 64511075                   | 64512075        | 64514075                 | 1"     | 1"     | 54       | 100     | 64551100                   | 64552100        | 64554100                 |
| 3/8"   | 3/8" | 19       | 100     | 64511100                   | 64512100        | 64514100                 | 1"     | 1"     | 54       | 125     | 64551125                   | 64552125        | 64554125                 |
| 3/8"   | 3/8" | 19       | 125     | 64511125                   | 64512125        | 64514125                 | 1"     | 1"     | 54       | 150     | 64551150                   | 64552150        | 64554150                 |
| 3/8"   | 3/8" | 19       | 150     | 64511150                   | 64512150        | 64514150                 | 1"     | 1"     | 54       | 175     | 64551175                   | 64552175        | 64554175                 |
| 3/8"   | 3/8" | 19       | 175     | 64511175                   | 64512175        | 64514175                 | 1"     | 1"     | 54       | 200     | 64551200                   | 64552200        | 64554200                 |
| 3/8"   | 3/8" | 19       | 200     | 64511200                   | 64512200        | 64514200                 | 1"     | 1"     | 54       | 250     | 64551250                   | 64552250        | 64554250                 |
| 3/8"   | 3/8" | 19       | 250     | 64511250                   | 64512250        | 64514250                 | 1"     | 1"     | 54       | 300     | 64551300                   | 64552300        | 64554300                 |
| 3/8"   | 3/8" | 19       | 300     | 64511300                   | 64512300        | 64514300                 | 1"     | 1"     | 54       | 330     | 64551330                   | 64552330        | 64554330                 |
| 3/8"   | 3/8" | 19       | 380     | 64511380                   | 64512380        | 64514380                 | 1"     | 1"     | 54       | 400     | 64551400                   | 64552400        | 64554400                 |
| 3/8"   | 3/8" | 19       | 460     | 64511460                   | 64512460        | 64514460                 | 1"     | 1"     | 54       | 610     | 64551610                   | 64552610        | 64554610                 |
| 3/8"   | 3/8" | 19       | 610     | 64511610                   | 64512610        | 64514610                 | 1-1/2" | 1-1/2" | 86       | 125     | x                          | 64562125        | x                        |
| 1/2"   | 1/2" | 25       | 75      | 64521075                   | 64522075        | 64524075                 | 1-1/2" | 1-1/2" | 86       | 175     | x                          | 64562175        | x                        |
| 1/2"   | 1/2" | 25       | 100     | 64521100                   | 64522100        | 64524100                 | 1-1/2" | 1-1/2" | 86       | 250     | x                          | 64562250        | x                        |
| 1/2"   | 1/2" | 25       | 125     | 64521125                   | 64522125        | 64524125                 | 1-1/2" | 1-1/2" | 86       | 300     | x                          | 64562300        | x                        |
| 1/2"   | 1/2" | 25       | 150     | 64521150                   | 64522150        | 64524150                 | 1-1/2" | 1-1/2" | 86       | 330     | x                          | 64562330        | x                        |
| 1/2"   | 1/2" | 25       | 175     | 64521175                   | 64522175        | 64524175                 | 1-1/2" | 1-1/2" | 86       | 380     | x                          | 64562380        | x                        |
| 1/2"   | 1/2" | 25       | 200     | 64521200                   | 64522200        | 64524200                 | 1-1/2" | 1-1/2" | 86       | 400     | x                          | 64562400        | x                        |
| 1/2"   | 1/2" | 25       | 250     | 64521250                   | 64522250        | 64524250                 | 1-1/2" | 1-1/2" | 86       | 500     | x                          | 64562500        | x                        |
| 1/2"   | 1/2" | 25       | 300     | 64521300                   | 64522300        | 64524300                 | 2-1/2" | 2-1/2" | 127      | 125     | x                          | 64582125        | x                        |
| 1/2"   | 1/2" | 25       | 380     | 64521380                   | 64522380        | 64524380                 | 2-1/2" | 2-1/2" | 127      | 250     | x                          | 64582250        | x                        |
| 1/2"   | 1/2" | 25       | 460     | 64521460                   | 64522460        | 64524460                 | 2-1/2" | 2-1/2" | 127      | 500     | x                          | 64582500        | x                        |
| 1/2"   | 1/2" | 25       | 610     | 64521610                   | 64522610        | 64524610                 | #5     | #5     | 59       | 200     | x                          | x               | 67659200                 |
| 1/2"   | 1/2" | 25       | 915     | 64521915                   | 64522915        | 64524915                 | #5     | #5     | 59       | 330     | x                          | x               | 67659330                 |
| 1/2"   | 1/2" | 30       | 75      | 6452K075                   | 6452M075        | 6452L075                 | #5     | #5     | 59       | 380     | x                          | x               | 67659380                 |
| 1/2"   | 1/2" | 30       | 125     | 6452K125                   | 6452M125        | 6452L125                 |        |        |          |         |                            |                 |                          |
| 1/2"   | 1/2" | 30       | 250     | 6452K250                   | 6452M250        | 6452L250                 |        |        |          |         |                            |                 |                          |





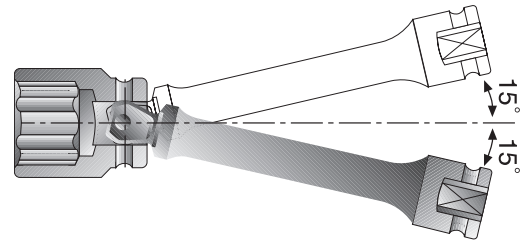
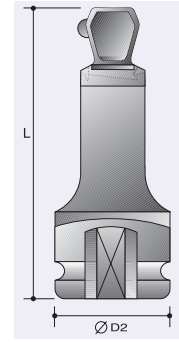
# Wobble Extension Bars

1/4" Sq. Dr., Wobble Extension Bars  
3/8" Sq. Dr., Wobble Extension Bars  
1/2" Sq. Dr., Wobble Extension Bars  
3/4" Sq. Dr., Wobble Extension Bars  
1" Sq. Dr., Wobble Extension Bars

# Impact Sockets

## Wobble Extension Bars

|  |  | D2 | L   | Steel Ball Retainer | Lock Pin Retainer |
|---|---|----|-----|---------------------|-------------------|
| Female  | Male  | mm | mm  | No.                 | No.               |
| 1/4"  | 1/4"  | 13 | 50  | 6450F050            | 6450P050          |
| 1/4"  | 1/4"  | 13 | 75  | 6450F075            | 6450P075          |
| 1/4"  | 1/4"  | 13 | 100 | 6450F100            | 6450P100          |
| 1/4"  | 1/4"  | 13 | 125 | 6450F125            | 6450P125          |
| 1/4"  | 1/4"  | 13 | 150 | 6450F150            | 6450P150          |
| 3/8"  | 3/8"  | 19 | 50  | 6451F050            | 6451P050          |
| 3/8"  | 3/8"  | 19 | 75  | 6451F075            | 6451P075          |
| 3/8"  | 3/8"  | 19 | 100 | 6451F100            | 6451P100          |
| 3/8"  | 3/8"  | 19 | 125 | 6451F125            | 6451P125          |
| 3/8"  | 3/8"  | 19 | 150 | 6451F150            | 6451P150          |
| 3/8"  | 3/8"  | 19 | 175 | 6451F175            | 6451P175          |
| 3/8"  | 3/8"  | 19 | 200 | 6451F200            | 6451P200          |
| 3/8"  | 3/8"  | 19 | 250 | 6451F250            | 6451P250          |
| 3/8"  | 3/8"  | 19 | 300 | 6451F300            | 6451P300          |
| 1/2"  | 1/2"  | 25 | 50  | 6452F050            | 6452P050          |
| 1/2"  | 1/2"  | 25 | 75  | 6452F075            | 6452P075          |
| 1/2"  | 1/2"  | 25 | 100 | 6452F100            | 6452P100          |
| 1/2"  | 1/2"  | 25 | 125 | 6452F125            | 6452P125          |
| 1/2"  | 1/2"  | 25 | 150 | 6452F150            | 6452P150          |
| 1/2"  | 1/2"  | 25 | 175 | 6452F175            | 6452P175          |
| 1/2"  | 1/2"  | 25 | 200 | 6452F200            | 6452P200          |
| 1/2"  | 1/2"  | 25 | 250 | 6452F250            | 6452P250          |
| 1/2"  | 1/2"  | 25 | 300 | 6452F300            | 6452P300          |
| 1/2"  | 3/8"  | 25 | 75  | x                   | 64A24212          |
| 1/2"  | 3/8"  | 25 | 100 | x                   | 64A24312          |
| 1/2"  | 3/8"  | 25 | 125 | x                   | 64A24412          |
| 1/2"  | 3/8"  | 25 | 150 | x                   | 64A24512          |
| 1/2"  | 3/8"  | 25 | 200 | x                   | 64A24612          |
| 1/2"  | 3/8"  | 25 | 250 | x                   | 64A24712          |
| 3/4"  | 3/4"  | 44 | 100 | 6454S100            | 6454P100          |
| 3/4"  | 3/4"  | 44 | 150 | 6454S150            | 6454P150          |
| 3/4"  | 3/4"  | 44 | 200 | 6454S200            | 6454P200          |
| 3/4"  | 3/4"  | 44 | 250 | 6454S250            | 6454P250          |
| 3/4"  | 3/4"  | 44 | 300 | 6454S300            | X                 |
| 1"  | 1"  | 54 | 100 | 6455S100            | 6455P100          |
| 1"  | 1"  | 54 | 150 | 6455S150            | 6455P150          |
| 1"  | 1"  | 54 | 200 | 6455S200            | 6455P200          |
| 1"  | 1"  | 54 | 250 | 6455S250            | 6455P250          |
| 1"  | 1"  | 54 | 300 | 6455S300            | 6455P300          |



Steel Ball Retainer



Lock Pin Retainer



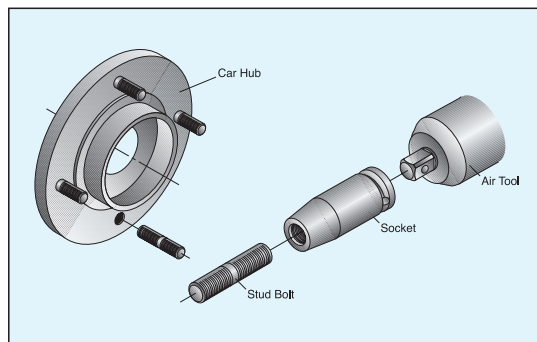
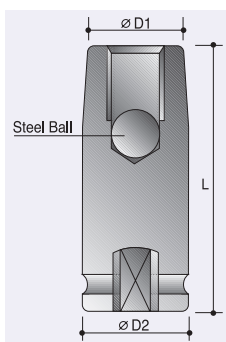
# Stud Setter Sockets

3/8" Sq. Dr., Stud Setter Sockets

1/2" Sq. Dr., Stud Setter Sockets

3/4" Sq. Dr., Stud Setter Sockets

# Impact Sockets



## Stud Setter Sockets

| ○ 3/8" Dr.,  |          |          |         |          | ○ 1/2" Dr.,  |          |          |         |          |
|--------------|----------|----------|---------|----------|--------------|----------|----------|---------|----------|
| size         | D2<br>mm | D1<br>mm | L<br>mm | No.      | size         | D2<br>mm | D1<br>mm | L<br>mm | No.      |
| M5xP0.8      | 22       | 12       | 50      | 69781050 | M6 x P1.0    | 25       | 13       | 55      | 69782010 |
| M6xP1.0      | 22       | 12.5     | 50      | 69781053 | M6 x P1.5    | 25       | 13       | 55      | 69782012 |
| M7xP1.0      | 22       | 13       | 50      | 69781056 | M7 x P1.0    | 25       | 14       | 55      | 69782015 |
| M8xP1.0      | 22       | 15       | 50      | 69781059 | M8 x P1.0    | 25       | 15.5     | 55      | 69782017 |
| M8xP1.25     | 22       | 14.5     | 50      | 69781060 | M8 x P1.25   | 25       | 15       | 55      | 69782018 |
| M10xP1.25    | 22       | 18       | 50      | 69781062 | M10 x P1.0   | 25       | 19       | 55      | 69782020 |
| M10xP1.50    | 22       | 17       | 50      | 69781063 | M10 x P1.25  | 25       | 18       | 55      | 69782021 |
| ○ 3/4" Dr.,  |          |          |         |          | M10 x P1.5   | 25       | 17       | 55      | 69782022 |
| size         | D2<br>mm | D1<br>mm | L<br>mm | No.      | M12 x P1.25  | 25       | 21       | 55      | 69782025 |
| M16 x P1.5   | 44       | 29       | 100     | 69784161 | M12 x P1.50  | 25       | 20       | 55      | 69782026 |
| M16 x P2.0   | 44       | 29       | 100     | 69784162 | M12 x P1.75  | 25       | 19       | 55      | 69782027 |
| M18 x P1.5   | 44       | 31       | 100     | 69784181 | M14 x P1.5   | 25       | 23       | 55      | 69782030 |
| M18 x P2.5   | 44       | 31       | 100     | 69784183 | M14 x P2.0   | 25       | 22       | 55      | 69782031 |
| M20 x P1.5   | 44       | 33       | 100     | 69784201 | M16 x P1.5   | 30       | 28       | 75      | 69782034 |
| M20 x P2.5   | 44       | 33       | 100     | 69784203 | M16 x P2.0   | 30       | 27       | 75      | 69782035 |
| M22 x P2.5   | 44       | 35       | 100     | 69784223 | M18 x P1.5   | 30       | 29.5     | 75      | 69782036 |
| M24 x P1.5   | 44       | 37       | 100     | 69784241 | M18 x P2.5   | 30       | 29       | 75      | 69782038 |
| M24 x P3.0   | 44       | 37       | 100     | 69784244 | M20 x P1.5   | 30       | 30       | 75      | 69782040 |
| M27 x P3.0   | 44       | 40       | 100     | 69784274 | M20 x P2.5   | 30       | 30       | 75      | 69782041 |
| M30 x P2.0   | 44       | 43       | 100     | 69784302 | 5/8" x 11UNC | 30       | 27       | 75      | 69782050 |
| M30 x P3.5   | 44       | 43       | 100     | 69784305 | 1/2" x 13UNC | 30       | 22       | 75      | 69782051 |
| M32 x P2.0   | 44       | 46       | 100     | 69784322 | 3/4" x 10UNC | 30       | 30       | 75      | 69782058 |
| M33 x P3.5   | 44       | 47       | 100     | 69784335 |              |          |          |         |          |
| M35 x P3.0   | 44       | 49       | 100     | 69784354 |              |          |          |         |          |
| M36 x P2.0   | 44       | 51       | 100     | 69784362 |              |          |          |         |          |
| M36 x P3.0   | 44       | 51       | 100     | 69784364 |              |          |          |         |          |
| M36 x P4.0   | 44       | 51       | 100     | 69784366 |              |          |          |         |          |
| 5/8" x 11UNC | 44       | 30       | 100     | 69784050 |              |          |          |         |          |
| 3/4" x 10UNC | 44       | 32       | 100     | 69784058 |              |          |          |         |          |



# Axial Nut Sockets

"GU" Type Axial Nut Sockets

"KM" Type Axial Nut Sockets

Axial Nut Sockets

# Impact Sockets

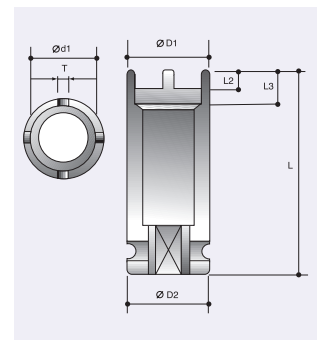
## "GU" Type Axial Nut Sockets

| □    | size |       | T   | D2 | D1  | d1    | L2   | L3   | L   | Slot No. | No.      |
|------|------|-------|-----|----|-----|-------|------|------|-----|----------|----------|
|      |      |       | mm  | mm | mm  | mm    | mm   | mm   | mm  |          |          |
| 3/8" | GU00 | 10GU  | 2.5 | 19 | 19  | 15.5  | 4.5  | 8    | 50  | 4        | 69711510 |
| 3/8" | GU01 | 12GU  | 2.5 | 19 | 22  | 18.5  | 4.5  | 8    | 50  | 4        | 69711512 |
| 1/2" | GU02 | 15GU  | 3.5 | 25 | 26  | 21.5  | 5.5  | 9    | 55  | 4        | 69712515 |
| 1/2" | GU03 | 17GU  | 3.5 | 25 | 30  | 24.5  | 5.5  | 9    | 55  | 4        | 69712517 |
| 1/2" | GU04 | 20GU  | 3.5 | 30 | 34  | 27.5  | 6.5  | 10   | 55  | 4        | 69712520 |
| 1/2" | GU05 | 25GU  | 4.5 | 30 | 40  | 33.5  | 6.5  | 11   | 55  | 4        | 69712525 |
| 1/2" | GU06 | 30GU  | 4.5 | 30 | 46  | 38.5  | 6.5  | 12   | 55  | 4        | 69712530 |
| 3/4" | GU07 | 35GU  | 4.5 | 44 | 54  | 44.5  | 7    | 12   | 75  | 4        | 69714535 |
| 3/4" | GU08 | 40GU  | 5.5 | 44 | 60  | 50.5  | 8.2  | 12.5 | 75  | 4        | 69714540 |
| 3/4" | GU09 | 45GU  | 5.5 | 44 | 66  | 55.5  | 8.2  | 12.5 | 75  | 4        | 69714545 |
| 3/4" | GU10 | 50GU  | 5.5 | 54 | 72  | 61.5  | 8.5  | 13   | 75  | 4        | 69714550 |
| 3/4" | GU11 | 55GU  | 6.5 | 54 | 79  | 68.5  | 8.5  | 14   | 75  | 4        | 69714555 |
| 3/4" | GU12 | 60GU  | 6.5 | 54 | 84  | 73.5  | 8.5  | 14   | 75  | 4        | 69714560 |
| 3/4" | GU13 | 65GU  | 6.5 | 54 | 89  | 77.5  | 9.5  | 15   | 75  | 4        | 69714565 |
| 1"   | GU14 | 70GU  | 7.5 | 86 | 98  | 84.5  | 9.5  | 15   | 110 | 4        | 69715570 |
| 1"   | GU15 | 75GU  | 7.5 | 86 | 104 | 89.5  | 10.5 | 16   | 110 | 4        | 69715575 |
| 1"   | GU16 | 80GU  | 7.5 | 86 | 111 | 96.5  | 11.5 | 17   | 110 | 4        | 69715580 |
| 1"   | GU17 | 85GU  | 7.5 | 86 | 116 | 100.5 | 12.5 | 18   | 110 | 4        | 69715585 |
| 1"   | GU18 | 90GU  | 9.5 | 86 | 126 | 110.5 | 12.5 | 18   | 110 | 4        | 69715590 |
| 1"   | GU19 | 95GU  | 9.5 | 86 | 131 | 115.5 | 13.5 | 19   | 110 | 4        | 69715595 |
| 1"   | GU20 | 100GU | 9.5 | 86 | 136 | 120.5 | 14.5 | 20   | 110 | 4        | 69715A00 |
| 3/4" | GU11 | 55GU  | 6.5 | 54 | 79  | 68.5  | 8.5  | 14   | 75  | 6        | 69714G55 |
| 3/4" | GU12 | 60GU  | 6.5 | 54 | 84  | 73.5  | 8.5  | 14   | 75  | 6        | 69714G60 |
| 3/4" | GU13 | 65GU  | 6.5 | 54 | 89  | 77.5  | 9.5  | 15   | 75  | 6        | 69714G65 |
| 1"   | GU14 | 70GU  | 7.5 | 86 | 98  | 84.5  | 9.5  | 15   | 110 | 6        | 69715G70 |
| 1"   | GU15 | 75GU  | 7.5 | 86 | 104 | 89.5  | 10.5 | 16   | 110 | 6        | 69715G75 |
| 1"   | GU16 | 80GU  | 7.5 | 86 | 111 | 96.5  | 11.5 | 17   | 110 | 8        | 69715N80 |
| 1"   | GU17 | 85GU  | 7.5 | 86 | 116 | 100.5 | 12.5 | 18   | 110 | 8        | 69715N85 |
| 1"   | GU18 | 90GU  | 9.5 | 86 | 126 | 110.5 | 12.5 | 18   | 110 | 8        | 69715N90 |
| 1"   | GU19 | 95GU  | 9.5 | 86 | 131 | 115.5 | 13.5 | 19   | 110 | 8        | 69715N95 |
| 1"   | GU20 | 100GU | 9.5 | 86 | 136 | 120.5 | 14.5 | 20   | 110 | 8        | 69715N00 |

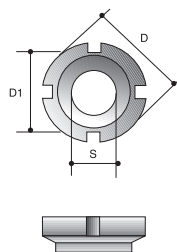
## "GU" Type Nuts

| size |       | S         | D   | D1  |
|------|-------|-----------|-----|-----|
|      |       | mm        | mm  | mm  |
| GU00 | 10GU  | 10 x 0.75 | 18  | 15  |
| GU01 | 12GU  | 12 x 1    | 21  | 18  |
| GU02 | 15GU  | 15 x 1    | 24  | 21  |
| GU03 | 17GU  | 17 x 1    | 28  | 24  |
| GU04 | 20GU  | 20 x 1    | 32  | 27  |
| GU05 | 25GU  | 25 x 1.5  | 38  | 33  |
| GU06 | 30GU  | 30 x 1.5  | 44  | 38  |
| GU07 | 35GU  | 35 x 1.5  | 50  | 44  |
| GU08 | 40GU  | 40 x 1.5  | 56  | 50  |
| GU09 | 45GU  | 45 x 1.5  | 62  | 55  |
| GU10 | 50GU  | 50 x 1.5  | 68  | 61  |
| GU11 | 55GU  | 55 x 2    | 75  | 68  |
| GU12 | 60GU  | 60 x 2    | 80  | 73  |
| GU13 | 65GU  | 65 x 2    | 85  | 77  |
| GU14 | 70GU  | 70 x 2    | 92  | 84  |
| GU15 | 75GU  | 75 x 2    | 98  | 89  |
| GU16 | 80GU  | 80 x 2    | 105 | 96  |
| GU17 | 85GU  | 85 x 2    | 110 | 100 |
| GU18 | 90GU  | 90 x 2    | 120 | 110 |
| GU19 | 95GU  | 95 x 2    | 125 | 115 |
| GU20 | 100GU | 100 x 2   | 130 | 120 |

\*These sockets for axial nuts replace hook spanners making the use of power tools or torque wrenchs possible



"GU" Type Axial Nut Sockets

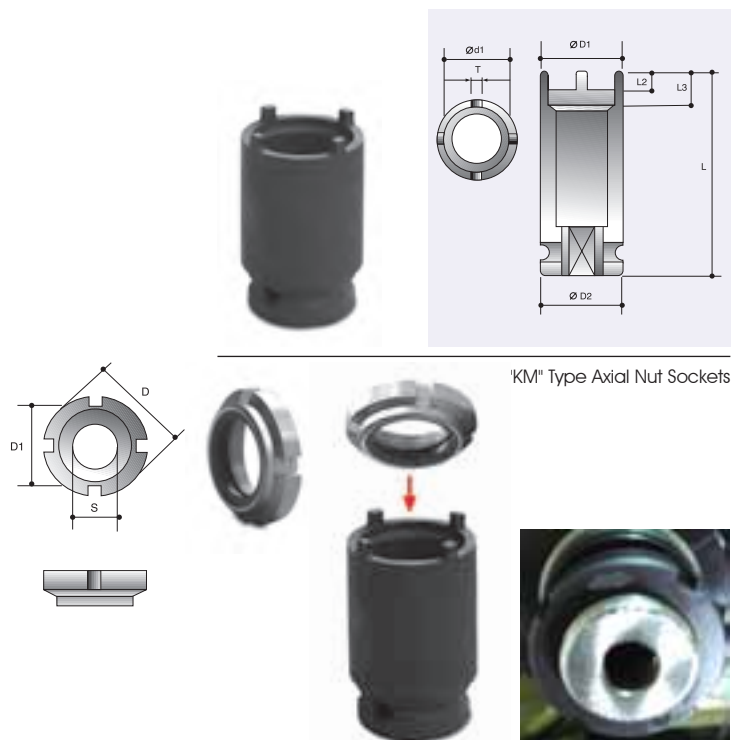


## "KM" Type Axial Nut Sockets

| □    | size |       | T    | D2 | D1  | d1    | L2 | L3 | L   | Slot No. | No.      |
|------|------|-------|------|----|-----|-------|----|----|-----|----------|----------|
|      |      |       | mm   | mm | mm  | mm    | mm | mm | mm  |          |          |
| 3/8" | KM00 | 10KM  | 2.5  | 19 | 19  | 14.5  | 3  | 5  | 50  | 4        | 69711610 |
| 3/8" | KM01 | 12KM  | 2.5  | 19 | 23  | 18.5  | 3  | 5  | 50  | 4        | 69711612 |
| 1/2" | KM02 | 15KM  | 3.5  | 25 | 27  | 21.5  | 4  | 6  | 55  | 4        | 69712615 |
| 1/2" | KM03 | 17KM  | 3.5  | 25 | 30  | 24.5  | 4  | 6  | 55  | 4        | 69712617 |
| 1/2" | KM04 | 20KM  | 3.5  | 30 | 34  | 28.5  | 5  | 7  | 55  | 4        | 69712620 |
| 1/2" | KM05 | 25KM  | 4.5  | 30 | 40  | 34.5  | 6  | 8  | 55  | 4        | 69712625 |
| 1/2" | KM06 | 30KM  | 4.5  | 30 | 47  | 41.5  | 6  | 8  | 55  | 4        | 69712630 |
| 3/4" | KM07 | 35KM  | 4.5  | 44 | 56  | 48.5  | 7  | 9  | 75  | 4        | 69714635 |
| 3/4" | KM08 | 40KM  | 5.5  | 44 | 62  | 53.5  | 8  | 10 | 75  | 4        | 69714640 |
| 3/4" | KM09 | 45KM  | 5.5  | 44 | 69  | 60.5  | 9  | 11 | 75  | 4        | 69714645 |
| 3/4" | KM10 | 50KM  | 5.5  | 54 | 74  | 65.5  | 10 | 12 | 75  | 4        | 69714650 |
| 3/4" | KM11 | 55KM  | 6.5  | 54 | 79  | 69.5  | 10 | 12 | 75  | 4        | 69714655 |
| 3/4" | KM12 | 60KM  | 6.5  | 54 | 84  | 74.5  | 10 | 12 | 75  | 4        | 69714660 |
| 3/4" | KM13 | 65KM  | 6.5  | 54 | 89  | 79.5  | 11 | 13 | 75  | 4        | 69714665 |
| 1"   | KM14 | 70KM  | 7.5  | 86 | 98  | 85.5  | 11 | 13 | 110 | 4        | 69715670 |
| 1"   | KM15 | 75KM  | 7.5  | 86 | 104 | 91.5  | 12 | 14 | 110 | 4        | 69715675 |
| 1"   | KM16 | 80KM  | 7.5  | 86 | 111 | 98.5  | 14 | 16 | 110 | 4        | 69715680 |
| 1"   | KM17 | 85KM  | 7.5  | 86 | 116 | 103.5 | 15 | 17 | 110 | 4        | 69715685 |
| 1"   | KM18 | 90KM  | 9.5  | 86 | 126 | 112.5 | 15 | 17 | 110 | 4        | 69715690 |
| 1"   | KM19 | 95KM  | 9.5  | 86 | 131 | 117.5 | 16 | 18 | 110 | 4        | 69715695 |
| 1"   | KM20 | 100KM | 9.5  | 86 | 136 | 122.5 | 16 | 18 | 110 | 4        | 69715B00 |
| 1"   | KM21 | 105KM | 11.5 | 86 | 146 | 130.5 | 17 | 19 | 110 | 4        | 69715B05 |
| 1"   | KM22 | 110KM | 11.5 | 86 | 156 | 140.5 | 18 | 20 | 110 | 4        | 69715B10 |
| 3/4" | KM11 | 55KM  | 6.5  | 54 | 79  | 69.5  | 10 | 12 | 75  | 6        | 69714K55 |
| 3/4" | KM12 | 60KM  | 6.5  | 54 | 84  | 74.5  | 10 | 12 | 75  | 6        | 69714K60 |
| 3/4" | KM13 | 65KM  | 6.5  | 54 | 89  | 79.5  | 11 | 13 | 75  | 6        | 69714K65 |
| 1"   | KM14 | 70KM  | 7.5  | 86 | 98  | 85.5  | 11 | 13 | 110 | 6        | 69715K70 |
| 1"   | KM15 | 75KM  | 7.5  | 86 | 104 | 91.5  | 12 | 14 | 110 | 6        | 69715K75 |
| 1"   | KM16 | 80KM  | 7.5  | 86 | 111 | 98.5  | 14 | 16 | 110 | 8        | 69715M80 |
| 1"   | KM17 | 85KM  | 7.5  | 86 | 116 | 103.5 | 15 | 17 | 110 | 8        | 69715M85 |
| 1"   | KM18 | 90KM  | 9.5  | 86 | 126 | 112.5 | 15 | 17 | 110 | 8        | 69715M90 |
| 1"   | KM19 | 95KM  | 9.5  | 86 | 131 | 117.5 | 16 | 18 | 110 | 8        | 69715M95 |
| 1"   | KM20 | 100KM | 9.5  | 86 | 136 | 122.5 | 16 | 18 | 110 | 8        | 69715M00 |
| 1"   | KM21 | 105KM | 11.5 | 86 | 146 | 130.5 | 17 | 19 | 110 | 8        | 69715M05 |
| 1"   | KM22 | 110KM | 11.5 | 86 | 156 | 140.5 | 18 | 20 | 110 | 8        | 69715M10 |

## "KM" Type Nuts

| size |       | S         | D   | D1  |
|------|-------|-----------|-----|-----|
|      |       | mm        | mm  | mm  |
| KM00 | 10KM  | 10 x 0.75 | 18  | 14  |
| KM01 | 12KM  | 12 x 1    | 22  | 18  |
| KM02 | 15KM  | 15 x 1    | 25  | 21  |
| KM03 | 17KM  | 17 x 1    | 28  | 24  |
| KM04 | 20KM  | 20 x 1    | 32  | 28  |
| KM05 | 25KM  | 25 x 1.5  | 38  | 34  |
| KM06 | 30KM  | 30 x 1.5  | 45  | 41  |
| KM07 | 35KM  | 35 x 1.5  | 52  | 48  |
| KM08 | 40KM  | 40 x 1.5  | 58  | 53  |
| KM09 | 45KM  | 45 x 1.5  | 65  | 60  |
| KM10 | 50KM  | 50 x 1.5  | 70  | 65  |
| KM11 | 55KM  | 55 x 2    | 75  | 69  |
| KM12 | 60KM  | 60 x 2    | 80  | 80  |
| KM13 | 65KM  | 65 x 2    | 85  | 85  |
| KM14 | 70KM  | 70 x 2    | 92  | 92  |
| KM15 | 75KM  | 75 x 2    | 98  | 98  |
| KM16 | 80KM  | 80 x 2    | 105 | 105 |
| KM17 | 85KM  | 85 x 2    | 110 | 110 |
| KM18 | 90KM  | 90 x 2    | 120 | 120 |
| KM19 | 95KM  | 95 x 2    | 125 | 125 |
| KM20 | 100KM | 100 x 2   | 130 | 130 |
| KM21 | 105KM | 105 x 2   | 140 | 140 |
| KM22 | 110KM | 110 x 2   | 145 | 145 |



"KM" Type Axial Nut Sockets

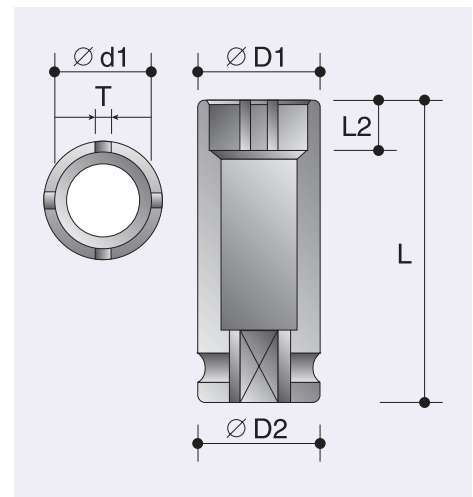
"KM" Type Nuts

## "KM" Type Axial Nut Sockets

| □    | size |       | T    | D2 | D1   | d1    | L2 | L   | Slot No. | No.      |
|------|------|-------|------|----|------|-------|----|-----|----------|----------|
|      |      |       | mm   | mm | mm   | mm    | mm | mm  |          |          |
| 3/8" | KM00 | 10KM  | 2.5  | 22 | 22   | 14.5  | 3  | 50  | 4        | 69711710 |
| 3/8" | KM01 | 12KM  | 2.5  | 22 | 28   | 18.5  | 3  | 50  | 4        | 69711712 |
| 1/2" | KM02 | 15KM  | 3.5  | 30 | 33   | 21.5  | 4  | 55  | 4        | 69712715 |
| 1/2" | KM03 | 17KM  | 3.5  | 30 | 36   | 24.5  | 4  | 55  | 4        | 69712717 |
| 1/2" | KM04 | 20KM  | 3.5  | 30 | 38   | 28.5  | 5  | 55  | 4        | 69712720 |
| 1/2" | KM05 | 25KM  | 4.5  | 30 | 46   | 34.5  | 6  | 55  | 4        | 69712725 |
| 1/2" | KM06 | 30KM  | 4.5  | 30 | 53   | 41.5  | 6  | 55  | 4        | 69712730 |
| 1/2" | KM07 | 35KM  | 4.5  | 30 | 60   | 48.5  | 7  | 55  | 4        | 69712735 |
| 1/2" | KM08 | 40KM  | 5.5  | 30 | 68   | 53.5  | 8  | 55  | 4        | 69712740 |
| 3/4" | KM07 | 35KM  | 4.5  | 54 | 60.5 | 48.5  | 7  | 75  | 4        | 69714835 |
| 3/4" | KM08 | 40KM  | 5.5  | 54 | 66.5 | 53.5  | 8  | 75  | 4        | 69714840 |
| 3/4" | KM09 | 45KM  | 5.5  | 54 | 73.5 | 60.5  | 9  | 75  | 4        | 69714845 |
| 3/4" | KM10 | 50KM  | 5.5  | 54 | 78.5 | 65.5  | 10 | 75  | 4        | 69714850 |
| 3/4" | KM11 | 55KM  | 6.5  | 54 | 83.5 | 69.5  | 10 | 75  | 4        | 69714855 |
| 3/4" | KM12 | 60KM  | 6.5  | 54 | 88.5 | 74.5  | 10 | 75  | 4        | 69714860 |
| 3/4" | KM13 | 65KM  | 6.5  | 54 | 94   | 79.5  | 11 | 75  | 4        | 69714865 |
| 1"   | KM14 | 70KM  | 7.5  | 86 | 103  | 85.5  | 11 | 110 | 4        | 69715770 |
| 1"   | KM15 | 75KM  | 7.5  | 86 | 109  | 91.5  | 12 | 110 | 4        | 69715775 |
| 1"   | KM16 | 80KM  | 7.5  | 86 | 116  | 98.5  | 14 | 110 | 4        | 69715780 |
| 1"   | KM17 | 85KM  | 7.5  | 86 | 121  | 103.5 | 15 | 110 | 4        | 69715785 |
| 1"   | KM18 | 90KM  | 9.5  | 86 | 131  | 112.5 | 15 | 110 | 4        | 69715790 |
| 1"   | KM19 | 95KM  | 9.5  | 86 | 137  | 117.5 | 16 | 110 | 4        | 69715795 |
| 1"   | KM20 | 100KM | 9.5  | 86 | 143  | 122.5 | 16 | 110 | 4        | 69715C00 |
| 1"   | KM21 | 105KM | 11.5 | 86 | 154  | 130.5 | 17 | 110 | 4        | 69715C05 |
| 1"   | KM22 | 110KM | 11.5 | 86 | 165  | 140.5 | 18 | 110 | 4        | 69715C10 |

## "KM" Type Nuts

| size |       | S         | D   | D1  |
|------|-------|-----------|-----|-----|
|      |       | mm        | mm  | mm  |
| KM00 | 10KM  | 10 x 0.75 | 18  | 14  |
| KM01 | 12KM  | 12 x 1    | 22  | 18  |
| KM02 | 15KM  | 15 x 1    | 25  | 21  |
| KM03 | 17KM  | 17 x 1    | 28  | 24  |
| KM04 | 20KM  | 20 x 1    | 32  | 28  |
| KM05 | 25KM  | 25 x 1.5  | 38  | 34  |
| KM06 | 30KM  | 30 x 1.5  | 45  | 41  |
| KM07 | 35KM  | 35 x 1.5  | 52  | 48  |
| KM08 | 40KM  | 40 x 1.5  | 58  | 53  |
| KM09 | 45KM  | 45 x 1.5  | 65  | 60  |
| KM10 | 50KM  | 50 x 1.5  | 70  | 65  |
| KM11 | 55KM  | 55 x 2    | 75  | 69  |
| KM12 | 60KM  | 60 x 2    | 80  | 80  |
| KM13 | 65KM  | 65 x 2    | 85  | 85  |
| KM14 | 70KM  | 70 x 2    | 92  | 92  |
| KM15 | 75KM  | 75 x 2    | 98  | 98  |
| KM16 | 80KM  | 80 x 2    | 105 | 105 |
| KM17 | 85KM  | 85 x 2    | 110 | 110 |
| KM18 | 90KM  | 90 x 2    | 120 | 120 |
| KM19 | 95KM  | 95 x 2    | 125 | 125 |
| KM20 | 100KM | 100 x 2   | 130 | 130 |
| KM21 | 105KM | 105 x 2   | 140 | 140 |
| KM22 | 110KM | 110 x 2   | 145 | 145 |



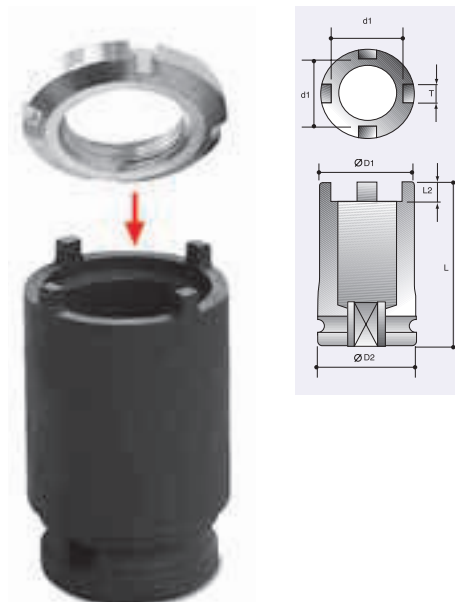
"KM" Type Axial Nut Sockets



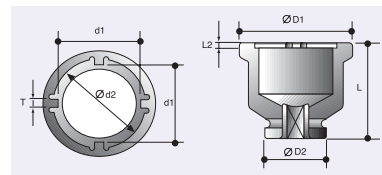
"KM" Type Nuts

## Axial Nut Sockets

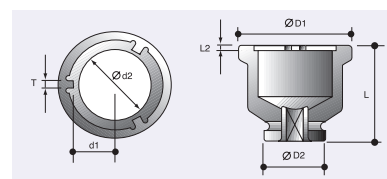
| □    | T   | D2   | D1   | d1   | L2  | L  | No.      |
|------|-----|------|------|------|-----|----|----------|
|      | mm  | mm   | mm   | mm   | mm  | mm |          |
| 3/8" | 5   | 25   | 24   | 18.3 | 5.5 | 45 | 69711005 |
| 3/8" | 6   | 26   | 26   | 20   | 5   | 40 | 69711009 |
| 3/8" | 5   | 30   | 29   | 23.5 | 5   | 45 | 69711010 |
| 3/8" | 5   | 30   | 31   | 27.5 | 5   | 45 | 69711012 |
| 3/8" | 5   | 30   | 28.5 | 23.5 | 5   | 35 | 69711015 |
| 3/8" | 5   | 31   | 28.5 | 23.5 | 5   | 35 | 69711016 |
| 3/8" | 5.4 | 26.5 | 26.5 | 20   | 6.5 | 42 | 69711017 |
| 1/2" | 5   | 25   | 24   | 18.3 | 5.5 | 45 | 69712005 |
| 1/2" | 6   | 26   | 26   | 20.1 | 5   | 40 | 69712009 |
| 1/2" | 5   | 30   | 29   | 23.5 | 5   | 45 | 69712010 |
| 1/2" | 5   | 30   | 31   | 27.5 | 5   | 45 | 69712012 |
| 1/2" | 5   | 25   | 30   | 23.6 | 4.5 | 38 | 69712016 |
| 1/2" | 5   | 26.5 | 26.5 | 18   | 5   | 50 | 69712017 |
| 1/2" | 7.8 | 28.5 | 28.5 | 22   | 6.3 | 72 | 69712030 |



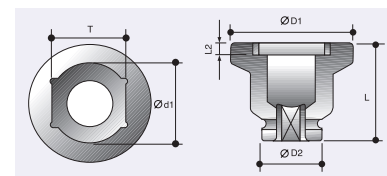
| □    | T   | D2 | D1 | d1   | L2   | L   | No.      |
|------|-----|----|----|------|------|-----|----------|
|      | mm  | mm | mm | mm   | mm   | mm  |          |
| 1/2" | 3.2 | 30 | 55 | 46.5 | 42   | 2.3 | 69712021 |
| 1/2" | 3.5 | 32 | 38 | 32.5 | 28.5 | 13  | 69712023 |
| 1/2" | 4.8 | 30 | 60 | 52.5 | 48.5 | 15  | 69712024 |



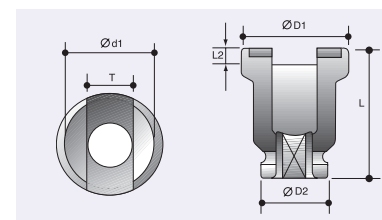
| □    | T   | D2 | D1 | d1   | L2 | L   | No.      |
|------|-----|----|----|------|----|-----|----------|
|      | mm  | mm | mm | mm   | mm | mm  |          |
| 1/2" | 3.2 | 30 | 55 | 46.5 | 21 | 2.3 | 69712105 |



| □    | T  | D2 | D1 | d1 | L2  | L  | No.      |
|------|----|----|----|----|-----|----|----------|
|      | mm | mm | mm | mm | mm  | mm |          |
| 1/2" | 36 | 30 | 59 | 41 | 5.5 | 50 | 69712205 |

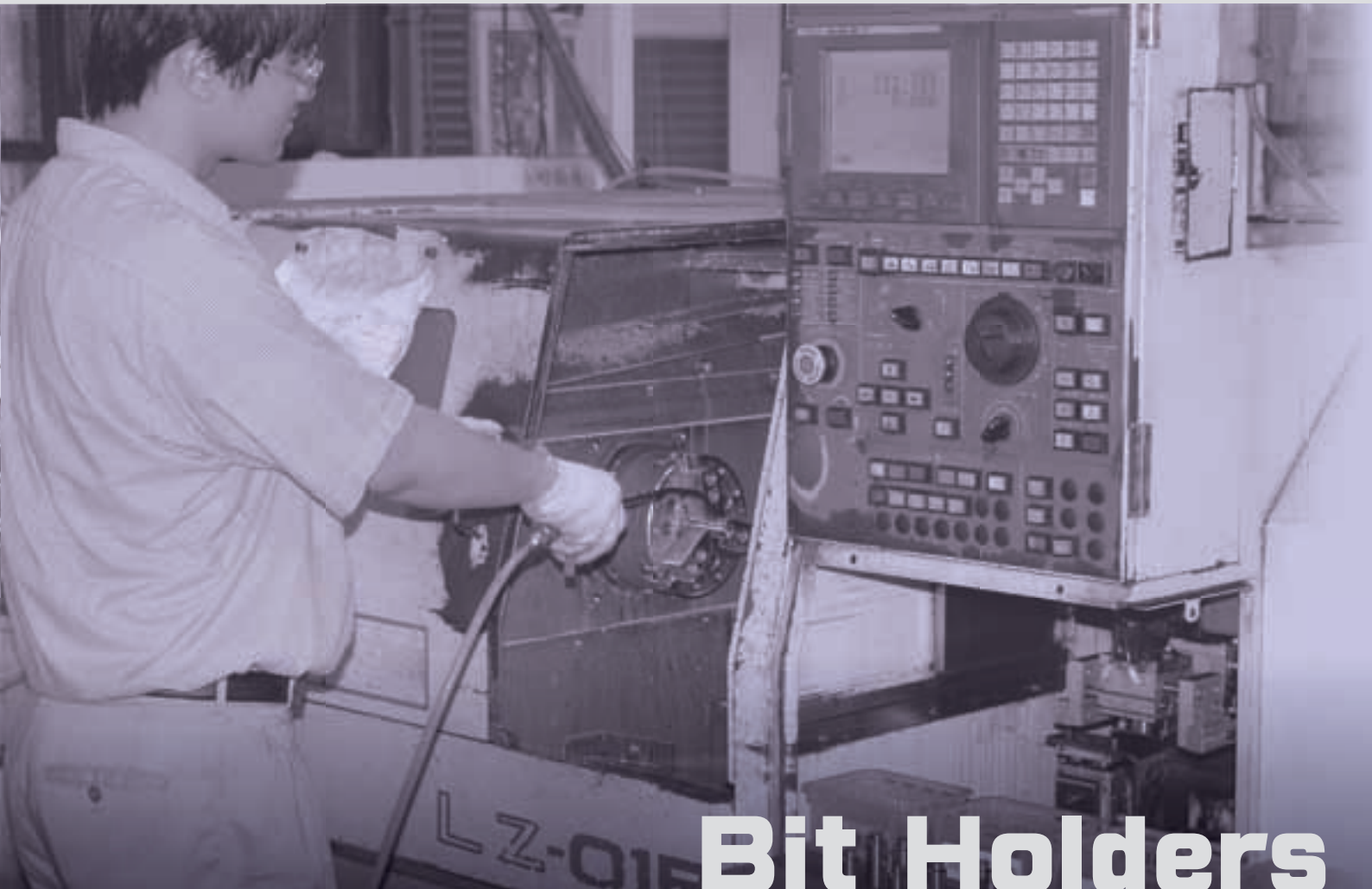


| □    | T    | D2 | D1 | d1 | L2 | L  | No.      |
|------|------|----|----|----|----|----|----------|
|      | mm   | mm | mm | mm | mm | mm |          |
| 1/2" | 16.7 | 25 | 39 | 34 | 6  | 50 | 69712305 |



These sockets for axial nuts replace hook spanners making the use of power tools or torque wrenches possible.





# Bit Holders

- Bit Holders
- Bit Holders - Magnetic
- Bit Holders - Insert Magnetic
- Bit Holders - Set Screw
- Bit Holders - Quick Releasing Chuck
- Tap Holding Sockets

# Impact Sockets

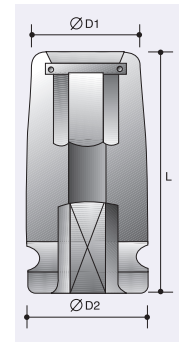
## Bit Holders - With "C" Ring

### For Insert Bits

| □    | ⬡     | D2 | D1   | L  | No.      |
|------|-------|----|------|----|----------|
|      |       | mm | mm   | mm |          |
| 1/4" | 1/4"  | 13 | 12.5 | 26 | 69120008 |
| 1/4" | 5/16" | 13 | 13   | 26 | 69120010 |
| 3/8" | 1/4"  | 19 | 12.5 | 32 | 69121008 |
| 3/8" | 5/16" | 19 | 14   | 37 | 69121010 |
| 3/8" | 1/2"  | 19 | 19   | 37 | 69121016 |
| 1/2" | 1/4"  | 25 | 12.5 | 40 | 69122008 |
| 1/2" | 5/16" | 25 | 15.5 | 40 | 69122010 |
| 1/2" | 1/2"  | 25 | 20   | 40 | 69122016 |



Bit Holders - With "C" Ring



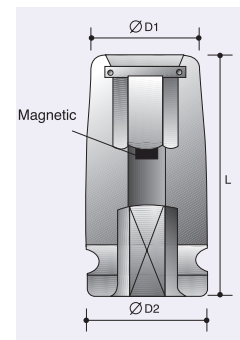
## Bit Holders - With "C" Ring & Magnetic

### For Insert Bits

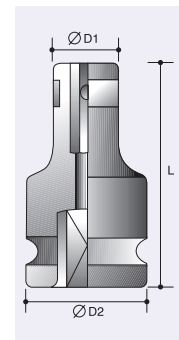
| □    | ⬡     | D2 | D1   | L  | No.      |
|------|-------|----|------|----|----------|
|      |       | mm | mm   | mm |          |
| 1/4" | 1/4"  | 13 | 12.5 | 26 | 69130008 |
| 1/4" | 5/16" | 13 | 13   | 26 | 69130010 |
| 3/8" | 1/4"  | 19 | 12.5 | 32 | 69131008 |
| 3/8" | 5/16" | 19 | 14   | 37 | 69131010 |
| 3/8" | 1/2"  | 19 | 19   | 37 | 69131016 |
| 1/2" | 1/4"  | 25 | 12.5 | 40 | 69132008 |
| 1/2" | 5/16" | 25 | 15.5 | 40 | 69132010 |
| 1/2" | 1/2"  | 25 | 20   | 40 | 69132016 |



Bit Holders - With "C" Ring & Magnetic

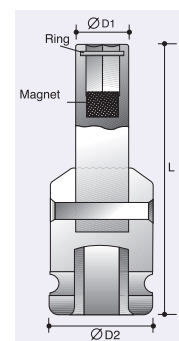


| □    | ⬡    | D2 | D1   | L  | No.      |
|------|------|----|------|----|----------|
|      |      | mm | mm   | mm |          |
| 3/8" | 1/4" | 19 | 13.5 | 40 | 69121C08 |
| 1/2" | 1/4" | 25 | 13.5 | 50 | 69122C08 |



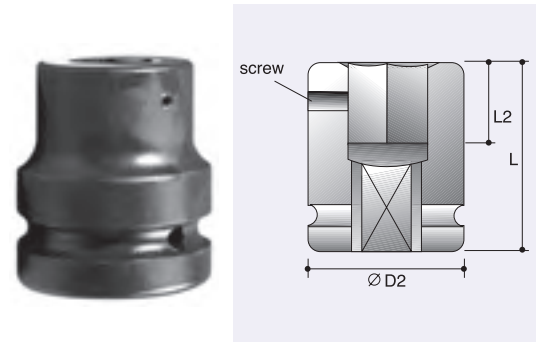
## Bit Holders - Insert Magnetic

| □    | ⬡     | D2 | D1 | L  | No.      |
|------|-------|----|----|----|----------|
|      |       | mm | mm | mm |          |
| 3/8" | 1/4"  | 19 | 11 | 70 | 69131A08 |
| 1/2" | 1/4"  | 25 | 11 | 70 | 69132A08 |
| 1/2" | 5/16" | 25 | 13 | 70 | 69132A10 |



## Bit Holders - Set Screw

| □      | ⬡              | D2   | L2 | L   | No.      |
|--------|----------------|------|----|-----|----------|
|        |                | mm   | mm | mm  |          |
| 3/8"   | 7/16" - 11mm   | 22   | 13 | 40  | 69141014 |
| 1/2"   | 7/16" - 11mm   | 23.8 | 13 | 38  | 69142014 |
| 1/2"   | 7/16" - 11mm   | 26   | 13 | 40  | 69142114 |
| 1/2"   | 5/8" - 16mm    | 30   | 17 | 45  | 69142120 |
| 1/2"   | 7/8" - 22mm    | 32   | 22 | 45  | 69142128 |
| 3/4"   | 7/16" - 11mm   | 44   | 13 | 54  | 6044H014 |
| 3/4"   | 5/8" - 16mm    | 44   | 17 | 54  | 6044H020 |
| 3/4"   | 7/8" - 22mm    | 44   | 22 | 54  | 6054H022 |
| 3/4"   | 1-1/4" - 32mm  | 44   | 30 | 56  | 6054H032 |
| 1"     | 5/8" - 16mm    | 54   | 17 | 62  | 6045N020 |
| 1"     | 7/8" - 22mm    | 54   | 22 | 62  | 6055N022 |
| 1"     | 1-1/4" - 32mm  | 54   | 30 | 60  | 6055N032 |
| 1"     | 1-1/4" - 32mm  | 54   | 30 | 70  | 6055N132 |
| 1-1/2" | 7/8" - 22mm    | 86   | 22 | 80  | 6056H022 |
| 1-1/2" | 1-1/4" - 32mm  | 86   | 30 | 85  | 6056H032 |
| 1-1/2" | 1-5/8" - 41mm  | 86   | 41 | 95  | 6056H041 |
| 1-1/2" | 55mm           | 86   | 50 | 105 | 6056H055 |
| 2-1/2" | 1-5/8" - 41mm  | 127  | 41 | 120 | 6058H041 |
| 2-1/2" | 55mm           | 127  | 50 | 125 | 6058H055 |
| 2-1/2" | 2-3/8" - 60mm  | 127  | 55 | 130 | 6058H060 |
| 2-1/2" | 2-9/16" - 65mm | 127  | 60 | 135 | 6058H065 |



Bit Holders - Set Screw

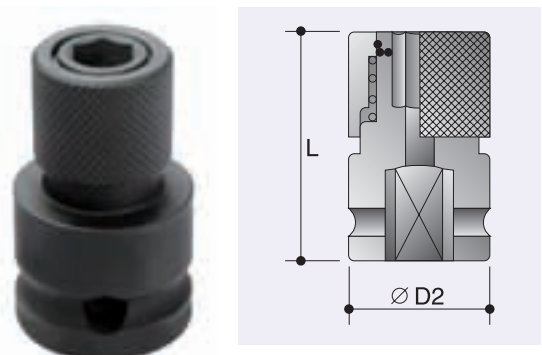
## Quick Releasing Chucks

For 1/4", 5/16", 7/16", 5/8", 7/8" Hex Drive Power Bits.

| □    | ⬡     | D2 | L  | No.      |
|------|-------|----|----|----------|
|      |       | mm | mm |          |
| 3/8" | 1/4"  | 19 | 45 | 69111A08 |
| 3/8" | 5/16" | 19 | 45 | 69111A10 |
| 3/8" | 7/16" | 22 | 51 | 69111A14 |
| 1/2" | 1/4"  | 22 | 54 | 69112A08 |
| 1/2" | 5/16" | 22 | 54 | 69112A10 |
| 1/2" | 7/16" | 25 | 54 | 69112A14 |
| 1/2" | 5/8"  | 30 | 67 | 69112A20 |
| 3/4" | 7/16" | 44 | 67 | 69114A14 |
| 3/4" | 5/8"  | 44 | 79 | 69114A20 |
| 3/4" | 7/8"  | 44 | 83 | 69114A28 |
| 1"   | 5/8"  | 54 | 83 | 69115A20 |
| 1"   | 7/8"  | 54 | 90 | 69115A28 |



Quick Releasing Chucks

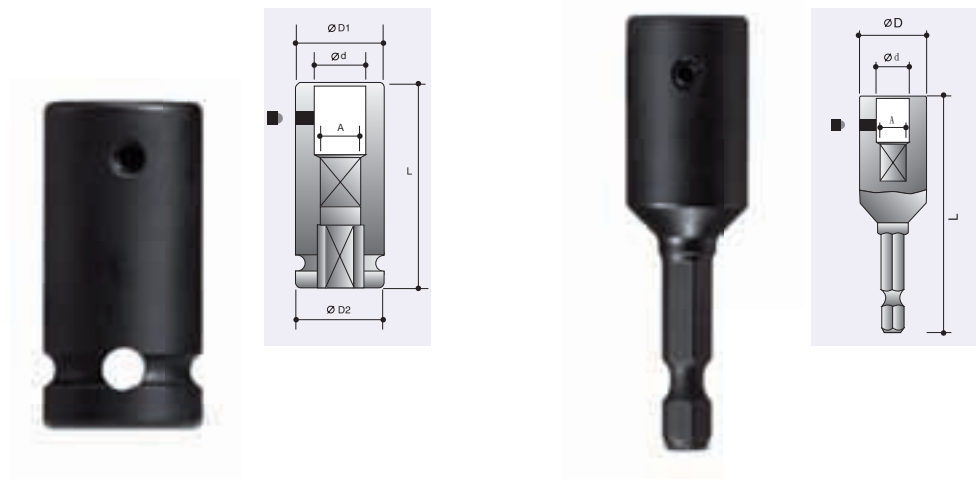


For 6.3mm - 1/4" Hex Drive Insert Bits.

| □    | ⬡     | D2 | L  | No.      |
|------|-------|----|----|----------|
|      |       | mm | mm |          |
| 3/8" | 1/4"  | 19 | 33 | 69121B08 |
| 3/8" | 5/16" | 19 | 37 | 69121B10 |
| 1/2" | 1/4"  | 25 | 41 | 69122B08 |
| 1/2" | 5/16" | 25 | 41 | 69122B10 |



# Impact Sockets



## Tap Holding Sockets

### 3/8" Dr.,

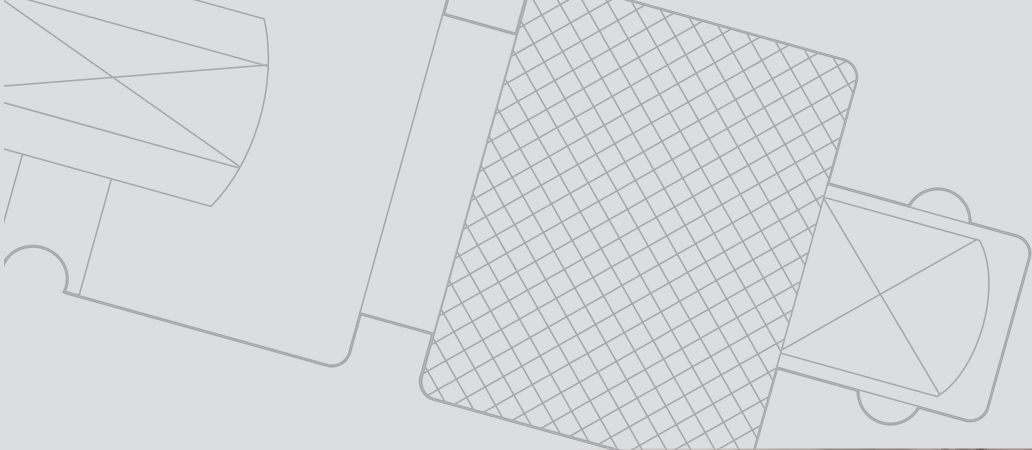
| TAP Size | A     | d     | D2 | D1 | L  | No.      | A   | d   | D2 | D1 | L  | No.      |
|----------|-------|-------|----|----|----|----------|-----|-----|----|----|----|----------|
|          | inch  | inch  | mm | mm | mm |          | mm  | mm  | mm | mm | mm |          |
| #10      | 0.152 | 0.194 | 19 | 19 | 38 | 6321A001 | 3.4 | 4.5 | 19 | 19 | 38 | 6321B001 |
| 1/4"     | 0.191 | 0.255 | 19 | 19 | 40 | 6321A002 | 4.9 | 6   | 19 | 19 | 38 | 6321B002 |
| 5/16"    | 0.238 | 0.318 | 19 | 19 | 43 | 6321A003 | 5.5 | 7   | 19 | 19 | 40 | 6321B003 |
| 7/16"    | 0.242 | 0.323 | 19 | 19 | 43 | 6321A004 | 6.2 | 8   | 19 | 19 | 40 | 6321B004 |
| 1/2"     | 0.275 | 0.367 | 19 | 19 | 43 | 6321A005 | 7   | 9   | 19 | 19 | 43 | 6321B005 |
| 3/8"     | 0.286 | 0.391 | 19 | 19 | 45 | 6321A006 | 8   | 10  | 19 | 19 | 45 | 6321B006 |
| 5/8"     | 0.360 | 0.480 | 22 | 22 | 48 | 6321A007 | 9   | 11  | 19 | 19 | 45 | 6321B007 |
| 3/4"     | 0.442 | 0.590 | 25 | 25 | 55 | 6321A008 | 9   | 12  | 22 | 22 | 45 | 6321B008 |
|          |       |       |    |    |    |          | 11  | 14  | 22 | 22 | 45 | 6321B009 |

### 1/2" Dr.,

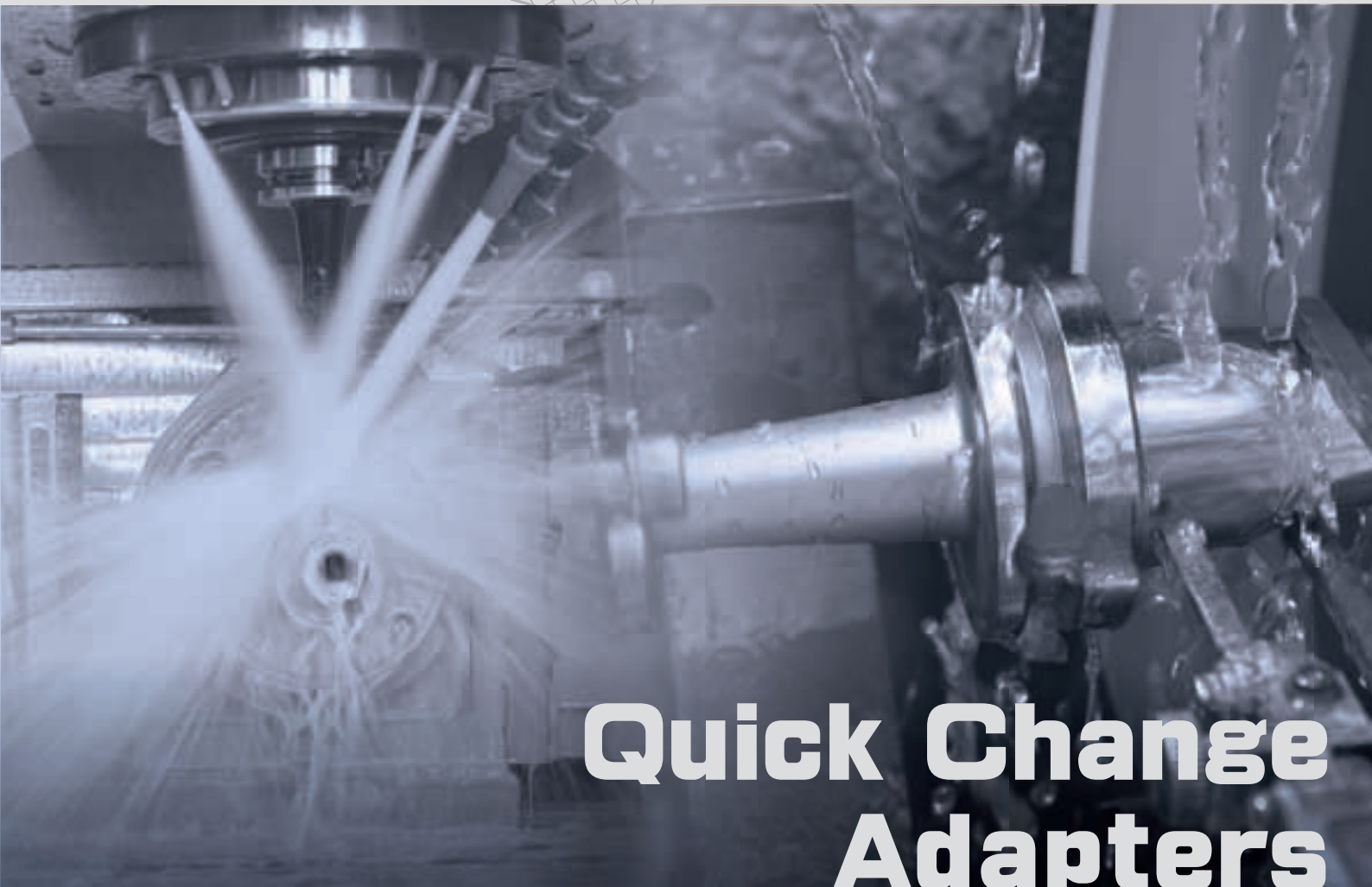
| TAP Size | A     | d     | D2 | D1 | L  | No.      | A   | d   | D2 | D1 | L  | No.      |
|----------|-------|-------|----|----|----|----------|-----|-----|----|----|----|----------|
|          | inch  | inch  | mm | mm | mm |          | mm  | mm  | mm | mm | mm |          |
| 1/4"     | 0.191 | 0.255 | 22 | 22 | 45 | 6322A001 | 3.4 | 4.5 | 22 | 22 | 40 | 6322B001 |
| 5/16"    | 0.238 | 0.318 | 22 | 22 | 45 | 6322A002 | 4.9 | 6   | 22 | 22 | 45 | 6322B002 |
| 7/16"    | 0.242 | 0.323 | 22 | 22 | 45 | 6322A003 | 5.5 | 7   | 22 | 22 | 45 | 6322B003 |
| 1/2"     | 0.275 | 0.367 | 22 | 22 | 45 | 6322A004 | 6.2 | 8   | 22 | 22 | 45 | 6322B004 |
| 3/8"     | 0.286 | 0.391 | 22 | 22 | 45 | 6322A005 | 7   | 9   | 22 | 22 | 45 | 6322B005 |
| 5/8"     | 0.360 | 0.480 | 22 | 22 | 50 | 6322A006 | 8   | 10  | 22 | 22 | 45 | 6322B006 |
| 3/4"     | 0.442 | 0.590 | 25 | 25 | 58 | 6322A007 | 9   | 11  | 22 | 22 | 50 | 6322B007 |
|          |       |       |    |    |    |          | 9   | 12  | 22 | 22 | 50 | 6322B008 |
|          |       |       |    |    |    |          | 11  | 14  | 22 | 22 | 52 | 6322B009 |

### 1/4" Male Hex Dr.,

| TAP Size | A     | d     | D  | L  | No.      | A   | d   | D  | L  | No.      |
|----------|-------|-------|----|----|----------|-----|-----|----|----|----------|
|          | inch  | inch  | mm | mm |          | mm  | mm  | mm | mm |          |
| 1/4"     | 0.191 | 0.255 | 15 | 55 | 63A60001 | 3.4 | 4.5 | 14 | 55 | 63A65001 |
| 5/16"    | 0.238 | 0.318 | 17 | 60 | 63A60002 | 4.9 | 6   | 15 | 55 | 63A65002 |
| 7/16"    | 0.242 | 0.323 | 17 | 60 | 63A60003 | 5.5 | 7   | 16 | 55 | 63A65003 |
| 1/2"     | 0.275 | 0.367 | 18 | 70 | 63A60004 | 6.2 | 8   | 17 | 60 | 63A65004 |
| 3/8"     | 0.286 | 0.391 | 19 | 70 | 63A60005 | 7   | 9   | 18 | 70 | 63A65005 |
| 5/8"     | 0.360 | 0.480 | 21 | 70 | 63A60006 | 8   | 10  | 19 | 70 | 63A65006 |
| 3/4"     | 0.442 | 0.590 | 24 | 75 | 63A60007 | 9   | 11  | 20 | 70 | 63A65007 |
|          |       |       |    |    |          | 9   | 12  | 21 | 70 | 63A65008 |
|          |       |       |    |    |          | 11  | 14  | 23 | 75 | 63A65009 |



25



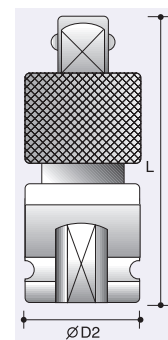
# Quick Change Adapters

Quick Change Adapters - 1/4" / 3/8" / 1/2" 3/4" / 1" Dr.,

## Quick-Change Adapters

### Male end with Steel Ball Retainer

| Female | Male | D2<br>mm | L<br>mm | No.      |
|--------|------|----------|---------|----------|
| 1/4"   | 3/8" | 13       | 42      | 69110C12 |
| 3/8"   | 1/4" | 20       | 38      | 69111C08 |
| 3/8"   | 1/4" | 20       | 75      | 69111C18 |
| 3/8"   | 1/4" | 20       | 100     | 69111C28 |
| 3/8"   | 1/4" | 20       | 125     | 69111C38 |
| 3/8"   | 1/4" | 20       | 150     | 69111C48 |
| 3/8"   | 1/4" | 20       | 200     | 69111C58 |
| 3/8"   | 1/4" | 20       | 250     | 69111C68 |
| 3/8"   | 1/4" | 20       | 300     | 69111C78 |
| 3/8"   | 1/2" | 22       | 60      | 69111C16 |
| 1/2"   | 3/8" | 25       | 54      | 69112C12 |
| 1/2"   | 3/8" | 25       | 100     | 69112C22 |
| 1/2"   | 3/8" | 25       | 125     | 69112C32 |
| 1/2"   | 3/8" | 25       | 150     | 69112C42 |
| 1/2"   | 3/8" | 25       | 175     | 69112C52 |
| 1/2"   | 3/8" | 25       | 200     | 69112C62 |
| 1/2"   | 3/8" | 25       | 250     | 69112C72 |
| 1/2"   | 3/8" | 25       | 300     | 69112C82 |
| 1/2"   | 3/4" | 30       | 75      | 69112C24 |
| 3/4"   | 1/2" | 44       | 70      | 69114C16 |
| 3/4"   | 1/2" | 44       | 125     | 69114C26 |
| 3/4"   | 1/2" | 44       | 150     | 69114C36 |
| 3/4"   | 1/2" | 44       | 200     | 69114C46 |
| 3/4"   | 1/2" | 44       | 250     | 69114C56 |
| 3/4"   | 1/2" | 44       | 300     | 69114C66 |
| 3/4"   | 1/2" | 44       | 400     | 69114C76 |
| 3/4"   | 1"   | 44       | 95      | 69114C32 |
| 1"     | 3/4" | 54       | 90      | 69115C24 |
| 1"     | 3/4" | 54       | 150     | 69115C34 |
| 1"     | 3/4" | 54       | 200     | 69115C44 |
| 1"     | 3/4" | 54       | 250     | 69115C54 |
| 1"     | 3/4" | 54       | 300     | 69115C64 |
| 1"     | 3/4" | 54       | 350     | 69115C74 |
| 1"     | 3/4" | 54       | 400     | 69115C84 |

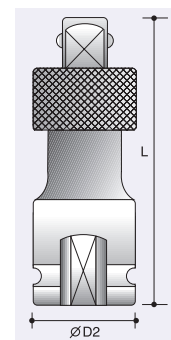




# Quick Change Extension Bars





Quick Change Extension Bars - 1/4" / 3/8" / 1/2" 3/4" / 1" Dr.,

# Impact Sockets



## Quick-Change Extension Bars

### Male end with Steel Ball Retainer

|  |  | D2 | L   | No.      |  |  | D2 | L   | No.      |
|---|---|----|-----|----------|---|---|----|-----|----------|
| Female  | Male  | mm | mm  |          | Female  | Male  | mm | mm  |          |
| 1/4"  | 1/4"  | 13 | 35  | 69110C08 | 1/2"  | 1/2"  | 25 | 150 | 69112416 |
| 1/4"  | 1/4"  | 13 | 75  | 69110108 | 1/2"  | 1/2"  | 25 | 175 | 69112516 |
| 1/4"  | 1/4"  | 13 | 100 | 69110208 | 1/2"  | 1/2"  | 25 | 200 | 69112616 |
| 1/4"  | 1/4"  | 13 | 125 | 69110308 | 1/2"  | 1/2"  | 25 | 250 | 69112716 |
| 1/4"  | 1/4"  | 13 | 150 | 69110408 | 1/2"  | 1/2"  | 25 | 300 | 69112816 |
| 1/4"  | 1/4"  | 13 | 300 | 69110508 | 1/2"  | 1/2"  | 25 | 460 | 69112916 |
| 1/4"  | 1/4"  | 13 | 450 | 69110608 | 1/2"  | 1/2"  | 25 | 610 | 69112A16 |
| 1/4"  | 1/4"  | 13 | 610 | 69110708 | 1/2"  | 1/2"  | 25 | 900 | 69112B16 |
| 3/8"  | 3/8"  | 19 | 46  | 69111C12 | 3/4"  | 3/4"  | 44 | 78  | 69114C24 |
| 3/8"  | 3/8"  | 19 | 75  | 69111112 | 3/4"  | 3/4"  | 44 | 125 | 69114324 |
| 3/8"  | 3/8"  | 19 | 100 | 69111212 | 3/4"  | 3/4"  | 44 | 150 | 69114424 |
| 3/8"  | 3/8"  | 19 | 125 | 69111312 | 3/4"  | 3/4"  | 44 | 200 | 69114624 |
| 3/8"  | 3/8"  | 19 | 150 | 69111412 | 3/4"  | 3/4"  | 44 | 250 | 69114724 |
| 3/8"  | 3/8"  | 19 | 200 | 69111612 | 3/4"  | 3/4"  | 44 | 300 | 69114824 |
| 3/8"  | 3/8"  | 19 | 250 | 69111712 | 3/4"  | 3/4"  | 44 | 400 | 69114A24 |
| 3/8"  | 3/8"  | 19 | 300 | 69111812 | 1"  | 1"  | 54 | 100 | 69115C32 |
| 3/8"  | 3/8"  | 19 | 460 | 69111912 | 1"  | 1"  | 54 | 150 | 69115432 |
| 3/8"  | 3/8"  | 19 | 610 | 69111A12 | 1"  | 1"  | 54 | 200 | 69115632 |
| 1/2"  | 1/2"  | 25 | 60  | 69112C16 | 1"  | 1"  | 54 | 250 | 69115732 |
| 1/2"  | 1/2"  | 25 | 75  | 69112116 | 1"  | 1"  | 54 | 300 | 69115832 |
| 1/2"  | 1/2"  | 25 | 100 | 69112216 | 1"  | 1"  | 54 | 350 | 69115932 |
| 1/2"  | 1/2"  | 25 | 125 | 69112316 | 1"  | 1"  | 54 | 400 | 69115A32 |



# Hex Drive Extensions

1/4" Sq. Dr., Hex Drive Extensions

3/8" Sq. Dr., Hex Drive Extensions

1/2" Sq. Dr., Hex Drive Extensions

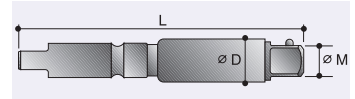
# Impact Sockets



1/4" Male Square - Lock Pin Retainer.



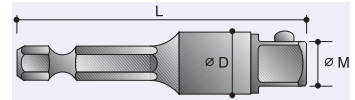
1/4" Male Square - Lock Pin Retainer.



Male Square - Lock Pin Retainer.



Male Square - Steel Ball Retainer.



## Hex Drive Extensions

### 1/4" Male Square - Lock Pin Retainer.

| M    | H   | D  | L  |          |
|------|-----|----|----|----------|
|      |     | mm | mm | No.      |
| 1/4" | 7mm | 9  | 75 | 69309075 |

### 1/4" Male Square - Lock Pin Retainer.

| M    | H     | D  | L  |          |
|------|-------|----|----|----------|
|      |       | mm | mm | No.      |
| 1/4" | 5.5mm | 9  | 50 | 69301050 |

### Male Square - Lock Pin Retainer.

| M    | H     | D  | L   |          | L   |          | L   |          | L   |          |
|------|-------|----|-----|----------|-----|----------|-----|----------|-----|----------|
|      |       | mm | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      |
| 1/4" | 1/4"  | 9  | 50  | 69306050 | 75  | 69306075 | 100 | 69306100 | 125 | 69306125 |
| 1/4" | 7/16" | 13 | 50  | 69308050 | 75  | 69308075 | 100 | 69308100 | 125 | x        |
| 3/8" | 1/4"  | 13 | 50  | 69316050 | 75  | 69316075 | 100 | 69316100 | 125 | x        |
| 3/8" | 7/16" | 13 | 50  | 69318050 | 75  | 69318075 | 100 | 69318100 | 125 | x        |
| 1/2" | 1/4"  | 17 | 50  | 69326050 | 75  | 69326075 | 100 | 69326100 | 125 | x        |
| 1/2" | 7/16" | 17 | 50  | 69328050 | 75  | 69328075 | 100 | 69328100 | 125 | x        |
| 1/4" | 1/4"  | 9  | 150 | 69306150 | 200 | 69306200 | 250 | 69306250 | 300 | 69306300 |
| 1/4" | 7/16" | 13 | 150 | 69308150 | 200 | 69308200 | 250 | 69308250 | 300 | 69308300 |
| 3/8" | 1/4"  | 13 | 150 | 69316150 | 200 | 69316200 | 250 | 69316250 | 300 | 69316300 |
| 3/8" | 7/16" | 13 | 150 | 69318150 | 200 | 69318200 | 250 | 69318250 | 300 | 69318300 |
| 1/2" | 1/4"  | 17 | 150 | 69326150 | 200 | 69326200 | 250 | 69326250 | 300 | 69326300 |
| 1/2" | 7/16" | 17 | 150 | 69328150 | 200 | 69328200 | 250 | 69328250 | 300 | 69328300 |

### Male Square - Steel Ball Retainer.

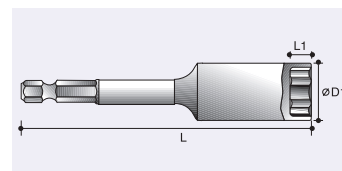
| M    | H     | D  | L   |          | L   |          | L   |          | L   |          |
|------|-------|----|-----|----------|-----|----------|-----|----------|-----|----------|
|      |       | mm | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      |
| 1/4" | 1/4"  | 9  | 50  | 6930G050 | 75  | 6930G075 | 100 | 6930G100 | 125 | 6930G125 |
| 1/4" | 7/16" | 13 | 50  | 6930J050 | 75  | 6930J075 | 100 | 6930J100 | 125 | x        |
| 3/8" | 1/4"  | 13 | 50  | 6931G050 | 75  | 6931G075 | 100 | 6931G100 | 125 | x        |
| 3/8" | 7/16" | 13 | 50  | 6931J050 | 75  | 6931J075 | 100 | 6931J100 | 125 | x        |
| 1/2" | 1/4"  | 17 | 50  | 6932E050 | 75  | 6932E075 | 100 | 6932E100 | 125 | x        |
| 1/2" | 7/16" | 17 | 50  | 6932J050 | 75  | 6932J075 | 100 | 6932J100 | 125 | x        |
| 1/4" | 1/4"  | 9  | 150 | 6930G150 | 200 | 6930G200 | 250 | 6930G250 | 300 | 6930G300 |
| 1/4" | 7/16" | 13 | 150 | 6930J150 | 200 | 6930J200 | 250 | 6930J250 | 300 | 6930J300 |
| 3/8" | 1/4"  | 13 | 150 | 6931G150 | 200 | 6931G200 | 250 | 6931G250 | 300 | 6931G300 |
| 3/8" | 7/16" | 13 | 150 | 6931J150 | 200 | 6931J200 | 250 | 6931J250 | 300 | 6931J300 |
| 1/2" | 1/4"  | 17 | 150 | 6932E150 | 200 | 6932E200 | 250 | 6932E250 | 300 | 6932E300 |
| 1/2" | 7/16" | 17 | 150 | 6932J150 | 200 | 6932J200 | 250 | 6932J250 | 300 | 6932J300 |



# Hex Drive Bit & Sockets

6.3mm - 1/4" Hex Bit Sockets  
6.3mm - 1/4" Hex Bit Sockets - Magnetic  
6.3mm - 1/4" Hex Bit Sockets - Slide Magnetic  
6.3mm - 1/4" Hex Bit Stud Setter Sockets  
11mm - 7/16" Hex 6-Pt Bit Sockets  
11mm - 7/16" Hex 12-Pt Bit Sockets  
11mm - 7/16" Hex Bits for set screw bit holders  
11mm - 7/16" Hex Bits for Quick Releasing Chuck  
16mm - 5/8" Hex Bits  
22mm - 7/8" Hex Bits  
32mm - 1-1/4" Hex Bits  
41mm - 1-5/8" Hex Bits  
55mm - Hex Bits  
60mm - 2-3/8" Hex Bits  
65mm - 2-9/16" Hex Bits

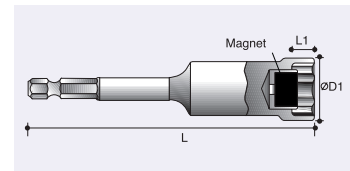
# Impact Sockets



## 6.3mm - 1/4" Hex Drive

### 6-Point Sockets

|        | D1  | L1  | L  |          | L  |          | L   |          | L   |          | L   |          | L   |          |
|--------|-----|-----|----|----------|----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| size   | mm  | mm  | mm | No.      | mm | No.      | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      |
| 1/8"   | 6   | 4   | 55 | 697B0G04 | 75 | 697B0H04 | 100 | 697B0J04 | 125 | 697B0Y04 | 150 | 697B0K04 | 200 | 697B0L04 |
| 5/32"  | 7   | 4   | 55 | 697B0G05 | 75 | 697B0H05 | 100 | 697B0J05 | 125 | 697B0Y05 | 150 | 697B0K05 | 200 | 697B0L05 |
| 3/16"  | 8   | 5   | 55 | 697B0G06 | 75 | 697B0H06 | 100 | 697B0J06 | 125 | 697B0Y06 | 150 | 697B0K06 | 200 | 697B0L06 |
| 7/32"  | 9   | 5   | 55 | 697B0G07 | 75 | 697B0H07 | 100 | 697B0J07 | 125 | 697B0Y07 | 150 | 697B0K07 | 200 | 697B0L07 |
| 1/4"   | 10  | 5   | 55 | 697B0G08 | 75 | 697B0H08 | 100 | 697B0J08 | 125 | 697B0Y08 | 150 | 697B0K08 | 200 | 697B0L08 |
| 9/32"  | 11  | 5   | 55 | 697B0G09 | 75 | 697B0H09 | 100 | 697B0J09 | 125 | 697B0Y09 | 150 | 697B0K09 | 200 | 697B0L09 |
| 5/16"  | 12  | 5   | 55 | 697B0G10 | 75 | 697B0H10 | 100 | 697B0J10 | 125 | 697B0Y10 | 150 | 697B0K10 | 200 | 697B0L10 |
| 11/32" | 13  | 5   | 55 | 697B0G11 | 75 | 697B0H11 | 100 | 697B0J11 | 125 | 697B0Y11 | 150 | 697B0K11 | 200 | 697B0L11 |
| 3/8"   | 14  | 6.5 | 55 | 697B0G12 | 75 | 697B0H12 | 100 | 697B0J12 | 125 | 697B0Y12 | 150 | 697B0K12 | 200 | 697B0L12 |
| 7/16"  | 16  | 6.5 | 55 | 697B0G14 | 75 | 697B0H14 | 100 | 697B0J14 | 125 | 697B0Y14 | 150 | 697B0K14 | 200 | 697B0L14 |
| 1/2"   | 18  | 6.5 | 55 | 697B0G16 | 75 | 697B0H16 | 100 | 697B0J16 | 125 | 697B0Y16 | 150 | 697B0K16 | 200 | 697B0L16 |
| 9/16"  | 20  | 6.5 | 55 | 697B0G18 | 75 | 697B0H18 | 100 | 697B0J18 | 125 | 697B0Y18 | 150 | 697B0K18 | 200 | 697B0L18 |
| 3mm    | 6   | 4   | 55 | 697B0S03 | 75 | 697B0T03 | 100 | 697B0U03 | 125 | 697B0Z03 | 150 | 697B0V03 | 200 | 697B0W03 |
| 4mm    | 7   | 4   | 55 | 697B0S04 | 75 | 697B0T04 | 100 | 697B0U04 | 125 | 697B0Z04 | 150 | 697B0V04 | 200 | 697B0W04 |
| 4.5mm  | 7.5 | 5   | 55 | 697B0S45 | 75 | 697B0T45 | 100 | 697B0U45 | 125 | 697B0Z45 | 150 | 697B0V45 | 200 | 697B0W45 |
| 5mm    | 8   | 5   | 55 | 697B0S05 | 75 | 697B0T05 | 100 | 697B0U05 | 125 | 697B0Z05 | 150 | 697B0V05 | 200 | 697B0W05 |
| 5.5mm  | 9   | 5   | 55 | 697B0S55 | 75 | 697B0T55 | 100 | 697B0U55 | 125 | 697B0Z55 | 150 | 697B0V55 | 200 | 697B0W55 |
| 6mm    | 10  | 5   | 55 | 697B0S06 | 75 | 697B0T06 | 100 | 697B0U06 | 125 | 697B0Z06 | 150 | 697B0V06 | 200 | 697B0W06 |
| 7mm    | 11  | 5   | 55 | 697B0S07 | 75 | 697B0T07 | 100 | 697B0U07 | 125 | 697B0Z07 | 150 | 697B0V07 | 200 | 697B0W07 |
| 8mm    | 12  | 5   | 55 | 697B0S08 | 75 | 697B0T08 | 100 | 697B0U08 | 125 | 697B0Z08 | 150 | 697B0V08 | 200 | 697B0W08 |
| 9mm    | 13  | 5   | 55 | 697B0S09 | 75 | 697B0T09 | 100 | 697B0U09 | 125 | 697B0Z09 | 150 | 697B0V09 | 200 | 697B0W09 |
| 10mm   | 14  | 6.5 | 55 | 697B0S10 | 75 | 697B0T10 | 100 | 697B0U10 | 125 | 697B0Z10 | 150 | 697B0V10 | 200 | 697B0W10 |
| 11mm   | 16  | 6.5 | 55 | 697B0S11 | 75 | 697B0T11 | 100 | 697B0U11 | 125 | 697B0Z11 | 150 | 697B0V11 | 200 | 697B0W11 |
| 12mm   | 17  | 6.5 | 55 | 697B0S12 | 75 | 697B0T12 | 100 | 697B0U12 | 125 | 697B0Z12 | 150 | 697B0V12 | 200 | 697B0W12 |
| 13mm   | 18  | 6.5 | 55 | 697B0S13 | 75 | 697B0T13 | 100 | 697B0U13 | 125 | 697B0Z13 | 150 | 697B0V13 | 200 | 697B0W13 |
| 14mm   | 19  | 6.5 | 55 | 697B0S14 | 75 | 697B0T14 | 100 | 697B0U14 | 125 | 697B0Z14 | 150 | 697B0V14 | 200 | 697B0W14 |
| 15mm   | 20  | 8   | 55 | 697B0S15 | 75 | 697B0T15 | 100 | 697B0U15 | 125 | 697B0Z15 | 150 | 697B0V15 | 200 | 697B0W15 |
| 17mm   | 23  | 8   | 55 | 697B0S17 | 75 | 697B0T17 | 100 | 697B0U17 | 125 | 697B0Z17 | 150 | 697B0V17 | 200 | 697B0W17 |

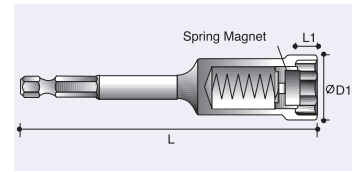


## 6.3mm - 1/4" Hex Drive

### 6-Point Sockets - With Magnetic

|        | D1  | L1  | L  |          | L  |          | L   |          | L   |          | L   |          | L   |          |
|--------|-----|-----|----|----------|----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| size   | mm  | mm  | mm | No.      | mm | No.      | mm  | No.      | mm  | No.      | mm  | No.      | mm  | No.      |
| 1/8"   | 6   | 3.5 | 55 | 697B0A04 | 75 | 697B0B04 | 100 | 697B0C04 | 125 | 697B1D04 | 150 | 697B0E04 | 200 | 697B0F04 |
| 5/32"  | 7   | 3.5 | 55 | 697B0A05 | 75 | 697B0B05 | 100 | 697B0C05 | 125 | 697B1D05 | 150 | 697B0E05 | 200 | 697B0F05 |
| 3/16"  | 8   | 4.5 | 55 | 697B0A06 | 75 | 697B0B06 | 100 | 697B0C06 | 125 | 697B1D06 | 150 | 697B0E06 | 200 | 697B0F06 |
| 7/32"  | 9   | 4.5 | 55 | 697B0A07 | 75 | 697B0B07 | 100 | 697B0C07 | 125 | 697B1D07 | 150 | 697B0E07 | 200 | 697B0F07 |
| 1/4"   | 10  | 4.5 | 55 | 697B0A08 | 75 | 697B0B08 | 100 | 697B0C08 | 125 | 697B1D08 | 150 | 697B0E08 | 200 | 697B0F08 |
| 9/32"  | 11  | 4.5 | 55 | 697B0A09 | 75 | 697B0B09 | 100 | 697B0C09 | 125 | 697B1D09 | 150 | 697B0E09 | 200 | 697B0F09 |
| 5/16"  | 12  | 4.5 | 55 | 697B0A10 | 75 | 697B0B10 | 100 | 697B0C10 | 125 | 697B1D10 | 150 | 697B0E10 | 200 | 697B0F10 |
| 11/32" | 13  | 4.5 | 55 | 697B0A11 | 75 | 697B0B11 | 100 | 697B0C11 | 125 | 697B1D11 | 150 | 697B0E11 | 200 | 697B0F11 |
| 3/8"   | 14  | 5.5 | 55 | 697B0A12 | 75 | 697B0B12 | 100 | 697B0C12 | 125 | 697B1D12 | 150 | 697B0E12 | 200 | 697B0F12 |
| 7/16"  | 16  | 5.5 | 55 | 697B0A14 | 75 | 697B0B14 | 100 | 697B0C14 | 125 | 697B1D14 | 150 | 697B0E14 | 200 | 697B0F14 |
| 1/2"   | 18  | 5.5 | 55 | 697B0A16 | 75 | 697B0B16 | 100 | 697B0C16 | 125 | 697B1D16 | 150 | 697B0E16 | 200 | 697B0F16 |
| 9/16"  | 20  | 5.5 | 55 | 697B0A18 | 75 | 697B0B18 | 100 | 697B0C18 | 125 | 697B1D18 | 150 | 697B0E18 | 200 | 697B0F18 |
| 3mm    | 6   | 3.5 | 55 | 697B0M03 | 75 | 697B0N03 | 100 | 697B0P03 | 125 | 697B0X03 | 150 | 697B0Q03 | 200 | 697B0R03 |
| 4mm    | 7   | 3.5 | 55 | 697B0M04 | 75 | 697B0N04 | 100 | 697B0P04 | 125 | 697B0X04 | 150 | 697B0Q04 | 200 | 697B0R04 |
| 4.5mm  | 7.5 | 4.5 | 55 | 697B0M45 | 75 | 697B0N45 | 100 | 697B0P45 | 125 | 697B0X45 | 150 | 697B0Q45 | 200 | 697B0R45 |
| 5mm    | 8   | 4.5 | 55 | 697B0M05 | 75 | 697B0N05 | 100 | 697B0P05 | 125 | 697B0X05 | 150 | 697B0Q05 | 200 | 697B0R05 |
| 5.5mm  | 9   | 4.5 | 55 | 697B0M55 | 75 | 697B0N55 | 100 | 697B0P55 | 125 | 697B0X55 | 150 | 697B0Q55 | 200 | 697B0R55 |
| 6mm    | 10  | 4.5 | 55 | 697B0M06 | 75 | 697B0N06 | 100 | 697B0P06 | 125 | 697B0X06 | 150 | 697B0Q06 | 200 | 697B0R06 |
| 7mm    | 11  | 4.5 | 55 | 697B0M07 | 75 | 697B0N07 | 100 | 697B0P07 | 125 | 697B0X07 | 150 | 697B0Q07 | 200 | 697B0R07 |
| 8mm    | 12  | 4.5 | 55 | 697B0M08 | 75 | 697B0N08 | 100 | 697B0P08 | 125 | 697B0X08 | 150 | 697B0Q08 | 200 | 697B0R08 |
| 9mm    | 13  | 4.5 | 55 | 697B0M09 | 75 | 697B0N09 | 100 | 697B0P09 | 125 | 697B0X09 | 150 | 697B0Q09 | 200 | 697B0R09 |
| 10mm   | 14  | 5.5 | 55 | 697B0M10 | 75 | 697B0N10 | 100 | 697B0P10 | 125 | 697B0X10 | 150 | 697B0Q10 | 200 | 697B0R10 |
| 11mm   | 16  | 5.5 | 55 | 697B0M11 | 75 | 697B0N11 | 100 | 697B0P11 | 125 | 697B0X11 | 150 | 697B0Q11 | 200 | 697B0R11 |
| 12mm   | 17  | 5.5 | 55 | 697B0M12 | 75 | 697B0N12 | 100 | 697B0P12 | 125 | 697B0X12 | 150 | 697B0Q12 | 200 | 697B0R12 |
| 13mm   | 18  | 5.5 | 55 | 697B0M13 | 75 | 697B0N13 | 100 | 697B0P13 | 125 | 697B0X13 | 150 | 697B0Q13 | 200 | 697B0R13 |
| 14mm   | 19  | 5.5 | 55 | 697B0M14 | 75 | 697B0N14 | 100 | 697B0P14 | 125 | 697B0X14 | 150 | 697B0Q14 | 200 | 697B0R14 |
| 15mm   | 20  | 7   | 55 | 697B0M15 | 75 | 697B0N15 | 100 | 697B0P15 | 125 | 697B0X15 | 150 | 697B0Q15 | 200 | 697B0R15 |
| 17mm   | 23  | 7   | 55 | 697B0M17 | 75 | 697B0N17 | 100 | 697B0P17 | 125 | 697B0X17 | 150 | 697B0Q17 | 200 | 697B0R17 |

# Impact Sockets



## 6.3mm - 1/4" Hex Drive

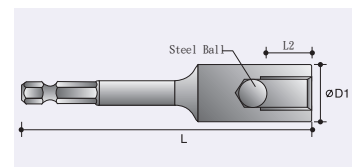
### 6-Point Sockets - With Slide Magnetic

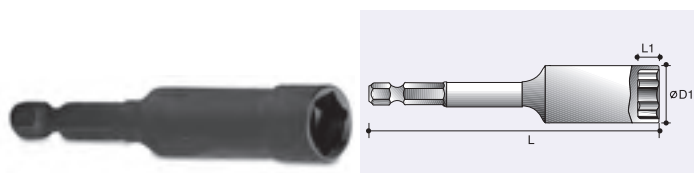
| size   | D1  | L1  | L  | No.      | L   | No.      | L   | No.      | L   | No.      | L   | No.      | L   | No.      |
|--------|-----|-----|----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| mm     | mm  | mm  | mm | mm       | mm  | mm       | mm  | mm       | mm  | mm       | mm  | mm       | mm  | mm       |
| 5/32"  | 7   | 3.5 | 75 | 697B0105 | 100 | 697B0205 | 125 | 697B0505 | 150 | 697B0305 | 200 | 697B0405 | 300 | 697B0605 |
| 3/16"  | 8   | 4.5 | 75 | 697B0106 | 100 | 697B0206 | 125 | 697B0506 | 150 | 697B0306 | 200 | 697B0406 | 300 | 697B0606 |
| 7/32"  | 9   | 4.5 | 75 | 697B0107 | 100 | 697B0207 | 125 | 697B0507 | 150 | 697B0307 | 200 | 697B0407 | 300 | 697B0607 |
| 1/4"   | 10  | 4.5 | 75 | 697B0108 | 100 | 697B0208 | 125 | 697B0508 | 150 | 697B0308 | 200 | 697B0408 | 300 | 697B0608 |
| 9/32"  | 11  | 4.5 | 75 | 697B0109 | 100 | 697B0209 | 125 | 697B0509 | 150 | 697B0309 | 200 | 697B0409 | 300 | 697B0609 |
| 5/16"  | 12  | 4.5 | 75 | 697B0110 | 100 | 697B0210 | 125 | 697B0510 | 150 | 697B0310 | 200 | 697B0410 | 300 | 697B0610 |
| 11/32" | 13  | 4.5 | 75 | 697B0111 | 100 | 697B0211 | 125 | 697B0511 | 150 | 697B0311 | 200 | 697B0411 | 300 | 697B0611 |
| 3/8"   | 14  | 5.5 | 75 | 697B0112 | 100 | 697B0212 | 125 | 697B0512 | 150 | 697B0312 | 200 | 697B0412 | 300 | 697B0612 |
| 7/16"  | 16  | 5.5 | 75 | 697B0114 | 100 | 697B0214 | 125 | 697B0514 | 150 | 697B0314 | 200 | 697B0414 | 300 | 697B0614 |
| 1/2"   | 18  | 5.5 | 75 | 697B0116 | 100 | 697B0216 | 125 | 697B0516 | 150 | 697B0316 | 200 | 697B0416 | 300 | 697B0616 |
| 9/16"  | 20  | 5.5 | 75 | 697B0118 | 100 | 697B0218 | 125 | 697B0518 | 150 | 697B0318 | 200 | 697B0418 | 300 | 697B0618 |
| 4mm    | 7   | 3.5 | 75 | 697B6004 | 100 | 697B7004 | 125 | 697B5004 | 150 | 697B8004 | 200 | 697B9004 | 300 | 697BD004 |
| 4.5mm  | 7.5 | 4.5 | 75 | 697B6045 | 100 | 697B7045 | 125 | 697B5045 | 150 | 697B8045 | 200 | 697B9045 | 300 | 697BD045 |
| 5mm    | 8   | 4.5 | 75 | 697B6005 | 100 | 697B7005 | 125 | 697B5005 | 150 | 697B8005 | 200 | 697B9005 | 300 | 697BD005 |
| 5.5mm  | 9   | 4.5 | 75 | 697B6055 | 100 | 697B7055 | 125 | 697B5055 | 150 | 697B8055 | 200 | 697B9055 | 300 | 697BD055 |
| 6mm    | 10  | 4.5 | 75 | 697B6006 | 100 | 697B7006 | 125 | 697B5006 | 150 | 697B8006 | 200 | 697B9006 | 300 | 697BD006 |
| 7mm    | 11  | 4.5 | 75 | 697B6007 | 100 | 697B7007 | 125 | 697B5007 | 150 | 697B8007 | 200 | 697B9007 | 300 | 697BD007 |
| 8mm    | 12  | 4.5 | 75 | 697B6008 | 100 | 697B7008 | 125 | 697B5008 | 150 | 697B8008 | 200 | 697B9008 | 300 | 697BD008 |
| 9mm    | 13  | 4.5 | 75 | 697B6009 | 100 | 697B7009 | 125 | 697B5009 | 150 | 697B8009 | 200 | 697B9009 | 300 | 697BD009 |
| 10mm   | 14  | 5.5 | 75 | 697B6010 | 100 | 697B7010 | 125 | 697B5010 | 150 | 697B8010 | 200 | 697B9010 | 300 | 697BD010 |
| 11mm   | 16  | 5.5 | 75 | 697B6011 | 100 | 697B7011 | 125 | 697B5011 | 150 | 697B8011 | 200 | 697B9011 | 300 | 697BD011 |
| 12mm   | 17  | 5.5 | 75 | 697B6012 | 100 | 697B7012 | 125 | 697B5012 | 150 | 697B8012 | 200 | 697B9012 | 300 | 697BD012 |
| 13mm   | 18  | 5.5 | 75 | 697B6013 | 100 | 697B7013 | 125 | 697B5013 | 150 | 697B8013 | 200 | 697B9013 | 300 | 697BD013 |
| 14mm   | 19  | 5.5 | 75 | 697B6014 | 100 | 697B7014 | 125 | 697B5014 | 150 | 697B8014 | 200 | 697B9014 | 300 | 697BD014 |
| 15mm   | 20  | 7   | 75 | 697B6015 | 100 | 697B7015 | 125 | 697B5015 | 150 | 697B8015 | 200 | 697B9015 | 300 | 697BD015 |
| 17mm   | 23  | 7   | 75 | 697B6017 | 100 | 697B7017 | 125 | 697B5017 | 150 | 697B8017 | 200 | 697B9017 | 300 | 697BD017 |

## 6.3mm - 1/4" Hex Drive

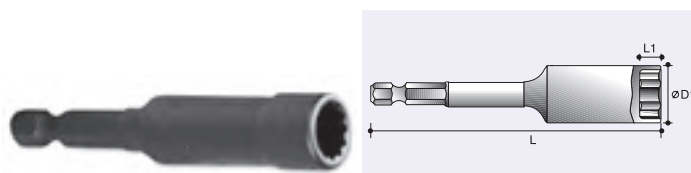
### Stud Setter Sockets

| size      | D1   | L2  | L  | No.      |
|-----------|------|-----|----|----------|
| mm        | mm   | mm  | mm |          |
| M4xP0.7   | 11   | 7   | 60 | 697N0110 |
| M5xP1.0   | 12   | 8.5 | 60 | 697N0115 |
| M6xP1.0   | 12.5 | 8.5 | 60 | 697N0120 |
| M7xP1.0   | 13   | 9   | 60 | 697N0125 |
| M8xP1.0   | 15   | 10  | 60 | 697N0130 |
| M8xP1.25  | 14.5 | 10  | 60 | 697N0131 |
| M10xP1.25 | 18   | 11  | 60 | 697N0135 |
| M10xP1.50 | 17   | 11  | 60 | 697N0136 |





6-Point Sockets



12-Point Sockets

## 11mm - 7/16" Hex Drive

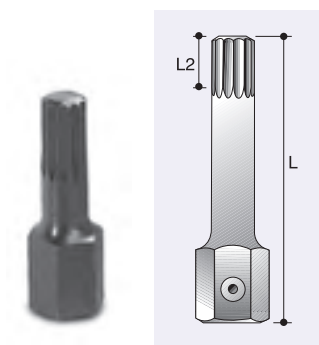
### 6-Point Sockets

| size   | D1<br>mm | L1<br>mm | L<br>mm | No.      | L<br>mm | No.      | L<br>mm | No.      | L<br>mm | No.      |
|--------|----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| 1/4"   | 11       | 5        | 80      | 697B3108 | 100     | 697B3208 | 150     | 697B3308 | 200     | 697B3408 |
| 5/16"  | 13       | 5        | 80      | 697B3110 | 100     | 697B3210 | 150     | 697B3310 | 200     | 697B3410 |
| 3/8"   | 15       | 6.5      | 80      | 697B3112 | 100     | 697B3212 | 150     | 697B3312 | 200     | 697B3412 |
| 7/16"  | 17       | 6.5      | 80      | 697B3114 | 100     | 697B3214 | 150     | 697B3314 | 200     | 697B3414 |
| 1/2"   | 18.7     | 6.5      | 80      | 697B3116 | 100     | 697B3216 | 150     | 697B3316 | 200     | 697B3416 |
| 9/16"  | 21       | 6.5      | 80      | 697B3118 | 100     | 697B3218 | 150     | 697B3318 | 200     | 697B3418 |
| 5/8"   | 23       | 8        | 80      | 697B3120 | 100     | 697B3220 | 150     | 697B3320 | 200     | 697B3420 |
| 11/16" | 24.5     | 8        | 80      | 697B3122 | 100     | 697B3222 | 150     | 697B3322 | 200     | 697B3422 |
| 6mm    | 11       | 5        | 80      | 697B3606 | 100     | 697B3706 | 150     | 697B3806 | 200     | 697B3906 |
| 7mm    | 12       | 5        | 80      | 697B3607 | 100     | 697B3707 | 150     | 697B3807 | 200     | 697B3907 |
| 8mm    | 13       | 5        | 80      | 697B3608 | 100     | 697B3708 | 150     | 697B3808 | 200     | 697B3908 |
| 10mm   | 15.5     | 6.5      | 80      | 697B3610 | 100     | 697B3710 | 150     | 697B3810 | 200     | 697B3910 |
| 12mm   | 18       | 6.5      | 80      | 697B3612 | 100     | 697B3712 | 150     | 697B3812 | 200     | 697B3912 |
| 13mm   | 19.2     | 6.5      | 80      | 697B3613 | 100     | 697B3713 | 150     | 697B3813 | 200     | 697B3913 |
| 14mm   | 21       | 6.5      | 80      | 697B3614 | 100     | 697B3714 | 150     | 697B3814 | 200     | 697B3914 |
| 15mm   | 21.7     | 8        | 80      | 697B3615 | 100     | 697B3715 | 150     | 697B3815 | 200     | 697B3915 |
| 16mm   | 23       | 8        | 80      | 697B3616 | 100     | 697B3716 | 150     | 697B3816 | 200     | 697B3916 |
| 17mm   | 24       | 8        | 80      | 697B3617 | 100     | 697B3717 | 150     | 697B3817 | 200     | 697B3917 |

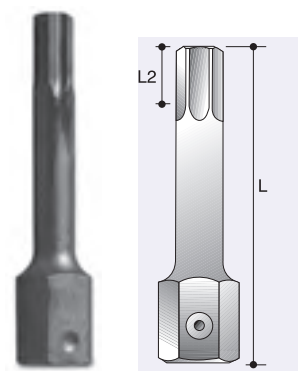
### 12-Point Sockets

| size   | D1<br>mm | L1<br>mm | L<br>mm | No.      | L<br>mm | No.      | L<br>mm | No.      | L<br>mm | No.      |
|--------|----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| 1/4"   | 11       | 5        | 80      | 697D3108 | 100     | 697D3208 | 150     | 697D3308 | 200     | 697D3408 |
| 5/16"  | 13       | 5        | 80      | 697D3110 | 100     | 697D3210 | 150     | 697D3310 | 200     | 697D3410 |
| 3/8"   | 15       | 6.5      | 80      | 697D3112 | 100     | 697D3212 | 150     | 697D3312 | 200     | 697D3412 |
| 7/16"  | 17       | 6.5      | 80      | 697D3114 | 100     | 697D3214 | 150     | 697D3314 | 200     | 697D3414 |
| 1/2"   | 18.7     | 6.5      | 80      | 697D3116 | 100     | 697D3216 | 150     | 697D3316 | 200     | 697D3416 |
| 9/16"  | 21       | 6.5      | 80      | 697D3118 | 100     | 697D3218 | 150     | 697D3318 | 200     | 697D3418 |
| 5/8"   | 23       | 8        | 80      | 697D3120 | 100     | 697D3220 | 150     | 697D3320 | 200     | 697D3420 |
| 11/16" | 24.5     | 8        | 80      | 697D3122 | 100     | 697D3222 | 150     | 697D3322 | 200     | 697D3422 |
| 6mm    | 11       | 5        | 80      | 697D3606 | 100     | 697D3706 | 150     | 697D3806 | 200     | 697D3906 |
| 7mm    | 12       | 5        | 80      | 697D3607 | 100     | 697D3707 | 150     | 697D3807 | 200     | 697D3907 |
| 8mm    | 13       | 5        | 80      | 697D3608 | 100     | 697D3708 | 150     | 697D3808 | 200     | 697D3908 |
| 10mm   | 15.5     | 6.5      | 80      | 697D3610 | 100     | 697D3710 | 150     | 697D3810 | 200     | 697D3910 |
| 12mm   | 18       | 6.5      | 80      | 697D3612 | 100     | 697D3712 | 150     | 697D3812 | 200     | 697D3912 |
| 13mm   | 19.2     | 6.5      | 80      | 697D3613 | 100     | 697D3713 | 150     | 697D3813 | 200     | 697D3913 |
| 14mm   | 21       | 6.5      | 80      | 697D3614 | 100     | 697D3714 | 150     | 697D3814 | 200     | 697D3914 |
| 15mm   | 21.7     | 8        | 80      | 697D3615 | 100     | 697D3715 | 150     | 697D3815 | 200     | 697D3915 |
| 16mm   | 23       | 8        | 80      | 697D3616 | 100     | 697D3716 | 150     | 697D3816 | 200     | 697D3916 |
| 17mm   | 24       | 8        | 80      | 697D3617 | 100     | 697D3717 | 150     | 697D3817 | 200     | 697D3917 |

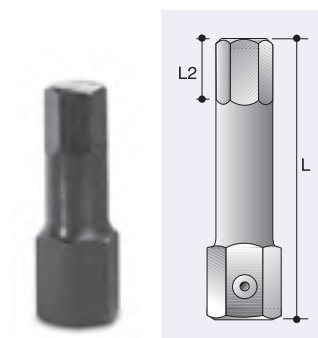
# Impact Sockets



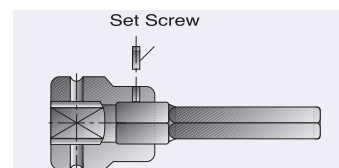
XZN - Triple Square



Internal Torx



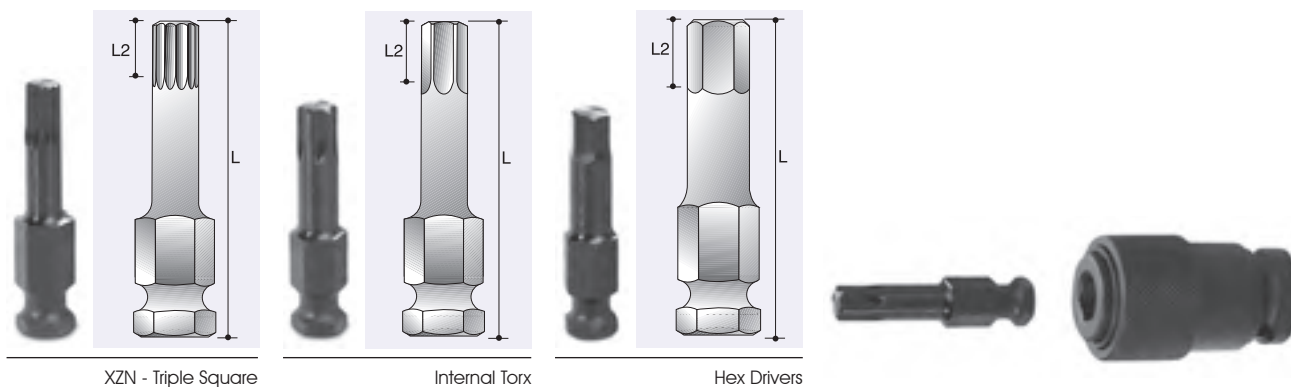
Hex Drivers



## 11mm - 7/16" Hex Drive Bits

For use with set screw bit holders

| XZN - Triple Square |          |         |          | Hex Drivers |          |         |          |
|---------------------|----------|---------|----------|-------------|----------|---------|----------|
| size                | L2<br>mm | L<br>mm | No.      | size        | L2<br>mm | L<br>mm | No.      |
| M4                  | 5        | 35      | 698JG004 | 1/4"        | 6        | 35      | 697RG008 |
| M5                  | 7        | 35      | 698JG005 | 5/16"       | 8        | 35      | 697RG010 |
| M6                  | 7        | 35      | 698JG006 | 3/8"        | 10       | 35      | 697RG012 |
| M8                  | 9        | 35      | 698JG008 | 7/16"       | 10       | 35      | 697RG014 |
| M10                 | 9        | 35      | 698JG010 | 1/2"        | 10       | 35      | 697RG016 |
| M12                 | 11       | 35      | 698JG012 | 9/16"       | 10       | 35      | 697RG018 |
| M14                 | 11       | 35      | 698JG014 | 5/8"        | 10       | 35      | 697RG020 |
| M16                 | 13       | 35      | 698JG016 | 11/16"      | 10       | 35      | 697RG022 |
| Internal Torx       |          |         |          | 3/4"        | 10       | 35      | 697RG024 |
| size                | L2<br>mm | L<br>mm | No.      | 3mm         | 4        | 35      | 697RG503 |
| T30                 | 3.8      | 35      | 697LG030 | 4mm         | 4        | 35      | 697RG504 |
| T40                 | 3.8      | 35      | 697LG040 | 5mm         | 6        | 35      | 697RG505 |
| T45                 | 4.3      | 35      | 697LG045 | 6mm         | 6        | 35      | 697RG506 |
| T50                 | 5        | 35      | 697LG050 | 7mm         | 8        | 35      | 697RG507 |
| T55                 | 5.5      | 35      | 697LG055 | 8mm         | 8        | 35      | 697RG508 |
| T60                 | 8        | 35      | 697LG060 | 9mm         | 10       | 35      | 697RG509 |
|                     |          |         |          | 10mm        | 10       | 35      | 697RG510 |
|                     |          |         |          | 11mm        | 10       | 35      | 697RG511 |
|                     |          |         |          | 12mm        | 10       | 35      | 697RG512 |
|                     |          |         |          | 13mm        | 10       | 35      | 697RG513 |
|                     |          |         |          | 14mm        | 10       | 35      | 697RG514 |
|                     |          |         |          | 15mm        | 10       | 35      | 697RG515 |
|                     |          |         |          | 16mm        | 10       | 35      | 697RG516 |
|                     |          |         |          | 17mm        | 10       | 35      | 697RG517 |



## 11mm - 7/16" Hex Drive Bits

For use with quick release chuck

| XZN - Triple Square |    |    |          |    |          | Internal Torx |      |    |          |    |          |
|---------------------|----|----|----------|----|----------|---------------|------|----|----------|----|----------|
|                     | L2 | L  |          | L  |          |               | L2   | L  |          | L  |          |
| size                | mm | mm | No.      | mm | No.      | size          | mm   | mm | No.      | mm | No.      |
| M4                  | 5  | 60 | 698JG104 | 90 | 698JG204 | T30           | 3.8  | 60 | 697LG130 | 90 | 697LG230 |
| M5                  | 7  | 60 | 698JG105 | 90 | 698JG205 | T40           | 3.8  | 60 | 697LG140 | 90 | 697LG240 |
| M6                  | 7  | 60 | 698JG106 | 90 | 698JG206 | T45           | 4.3  | 60 | 697LG145 | 90 | 697LG245 |
| M8                  | 9  | 60 | 698JG108 | 90 | 698JG208 | T50           | 5    | 60 | 697LG150 | 90 | 697LG250 |
| M10                 | 9  | 60 | 698JG110 | 90 | 698JG210 | T55           | 5.5  | 60 | 697LG155 | 90 | 697LG255 |
| M12                 | 11 | 60 | 698JG112 | 90 | 698JG212 | T60           | 8    | 60 | 697LG160 | 90 | 697LG260 |
| M14                 | 11 | 60 | 698JG114 | 90 | 698JG214 |               |      |    |          |    |          |
| M16                 | 13 | 60 | 698JG116 | 90 | 698JG216 |               |      |    |          |    |          |
| Hex Drivers         |    |    |          |    |          | Ribe Drivers  |      |    |          |    |          |
|                     | L2 | L  |          | L  |          |               | L2   | L  |          | L  |          |
| size                | mm | mm | No.      | mm | No.      | size          | mm   | mm | No.      | mm | No.      |
| 1/4"                | 6  | 60 | 697RG108 | 90 | 697RG208 | M4            | 3.5  | 60 | 698UG104 | 90 | 698UG204 |
| 5/16"               | 8  | 60 | 697RG110 | 90 | 697RG210 | M5            | 4.5  | 60 | 698UG105 | 90 | 698UG205 |
| 3/8"                | 10 | 60 | 697RG112 | 90 | 697RG212 | M6            | 5    | 60 | 698UG106 | 90 | 698UG206 |
| 7/16"               | 10 | 60 | 697RG114 | 90 | 697RG214 | M7            | 6.5  | 60 | 698UG107 | 90 | 698UG207 |
| 1/2"                | 10 | 60 | 697RG116 | 90 | 697RG216 | M8            | 7.5  | 60 | 698UG108 | 90 | 698UG208 |
| 9/16"               | 10 | 60 | 697RG118 | 90 | 697RG218 | M9            | 8    | 60 | 698UG109 | 90 | 698UG209 |
| 5/8"                | 10 | 60 | 697RG120 | 90 | 697RG220 | M10           | 9    | 60 | 698UG110 | 90 | 698UG210 |
| 11/16"              | 10 | 60 | 697RG122 | 90 | 697RG222 | M12           | 10.5 | 60 | 698UG112 | 90 | 698UG212 |
| 6mm                 | 6  | 60 | 697RG606 | 90 | 697RG706 | M13           | 11   | 60 | 698UG113 | 90 | 698UG213 |
| 7mm                 | 8  | 60 | 697RG607 | 90 | 697RG707 | M14           | 12   | 60 | 698UG114 | 90 | 698UG214 |
| 8mm                 | 8  | 60 | 697RG608 | 90 | 697RG708 | M16           | 14   | 60 | 698UG116 | 90 | 698UG216 |
| 9mm                 | 10 | 60 | 697RG609 | 90 | 697RG709 | M18           | 16   | 60 | 698UG118 | 90 | 698UG218 |
| 10mm                | 10 | 60 | 697RG610 | 90 | 697RG710 | M20           | 18   | 60 | 698UG120 | 90 | 698UG220 |
| 11mm                | 10 | 60 | 697RG611 | 90 | 697RG711 |               |      |    |          |    |          |
| 12mm                | 10 | 60 | 697RG612 | 90 | 697RG712 |               |      |    |          |    |          |
| 13mm                | 10 | 60 | 697RG613 | 90 | 697RG713 |               |      |    |          |    |          |
| 14mm                | 10 | 60 | 697RG614 | 90 | 697RG714 |               |      |    |          |    |          |
| 15mm                | 10 | 60 | 697RG615 | 90 | 697RG715 |               |      |    |          |    |          |
| 16mm                | 10 | 60 | 697RG616 | 90 | 697RG716 |               |      |    |          |    |          |
| 17mm                | 10 | 60 | 697RG617 | 90 | 697RG717 |               |      |    |          |    |          |

Torx® is a trademark of Textron

# Impact Sockets

## 16mm - 5/8" Hex Drive Bits

For use with set screw bit holders

**XZN - Triple Square**

|      | L2 | L  |          |
|------|----|----|----------|
| size | mm | mm | No.      |
| M12  | 11 | 50 | 698JH012 |
| M14  | 11 | 50 | 698JH014 |
| M16  | 13 | 50 | 698JH016 |
| M18  | 13 | 50 | 698JH018 |

For use with quick release chuck

**XZN - Triple Square**

|      | L2 | L  |          |
|------|----|----|----------|
| size | mm | mm | No.      |
| M12  | 11 | 80 | 698JH112 |
| M14  | 11 | 80 | 698JH114 |
| M16  | 13 | 80 | 698JH116 |
| M18  | 13 | 80 | 698JH118 |

**Internal Torx**

|      | L2  | L  |          |
|------|-----|----|----------|
| size | mm  | mm | No.      |
| T50  | 5   | 50 | 697LH050 |
| T55  | 5.5 | 50 | 697LH055 |
| T60  | 8   | 50 | 697LH060 |
| T70  | 9.4 | 50 | 697LH070 |

**Internal Torx**

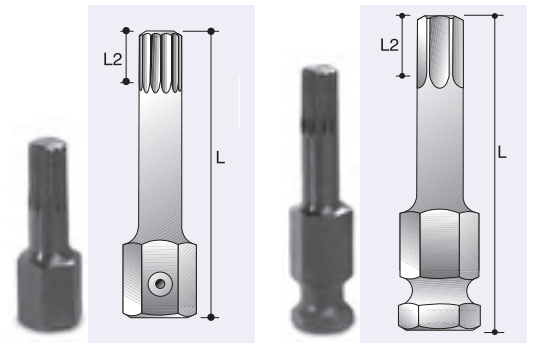
|      | L2  | L  |          |
|------|-----|----|----------|
| size | mm  | mm | No.      |
| T50  | 5   | 80 | 697LH150 |
| T55  | 5.5 | 80 | 697LH155 |
| T60  | 8   | 80 | 697LH160 |
| T70  | 9.4 | 80 | 697LH170 |

**Hex Drivers**

|         | L2 | L  |          |
|---------|----|----|----------|
| size    | mm | mm | No.      |
| 3/8"    | 20 | 50 | 697RH012 |
| 7/16"   | 20 | 50 | 697RH014 |
| 1/2"    | 20 | 50 | 697RH016 |
| 9/16"   | 20 | 50 | 697RH018 |
| 5/8"    | 20 | 50 | 697RH020 |
| 11/16"  | 20 | 50 | 697RH022 |
| 3/4"    | 20 | 50 | 697RH024 |
| 13/16"  | 20 | 50 | 697RH026 |
| 7/8"    | 20 | 50 | 697RH028 |
| 15/16"  | 20 | 50 | 697RH030 |
| 1"      | 20 | 50 | 697RH032 |
| 1-1/16" | 20 | 50 | 697RH034 |
| 10mm    | 20 | 50 | 697RH510 |
| 11mm    | 20 | 50 | 697RH511 |
| 12mm    | 20 | 50 | 697RH512 |
| 13mm    | 20 | 50 | 697RH513 |
| 14mm    | 20 | 50 | 697RH514 |
| 15mm    | 20 | 50 | 697RH515 |
| 16mm    | 20 | 50 | 697RH516 |
| 17mm    | 20 | 50 | 697RH517 |
| 18mm    | 20 | 50 | 697RH518 |
| 19mm    | 20 | 50 | 697RH519 |
| 21mm    | 20 | 50 | 697RH521 |
| 22mm    | 20 | 50 | 697RH522 |
| 24mm    | 20 | 50 | 697RH524 |
| 26mm    | 20 | 50 | 697RH526 |
| 27mm    | 20 | 50 | 697RH527 |

**Hex Drivers**

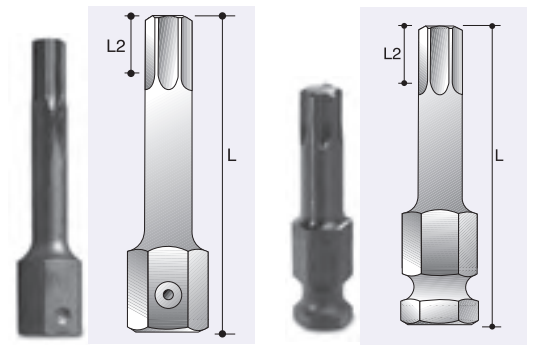
|         | L2 | L  |          |
|---------|----|----|----------|
| size    | mm | mm | No.      |
| 3/8"    | 20 | 80 | 697RH112 |
| 7/16"   | 20 | 80 | 697RH114 |
| 1/2"    | 20 | 80 | 697RH116 |
| 9/16"   | 20 | 80 | 697RH118 |
| 5/8"    | 20 | 80 | 697RH120 |
| 11/16"  | 20 | 80 | 697RH122 |
| 3/4"    | 20 | 80 | 697RH124 |
| 13/16"  | 20 | 80 | 697RH126 |
| 7/8"    | 20 | 80 | 697RH128 |
| 15/16"  | 20 | 80 | 697RH130 |
| 1"      | 20 | 80 | 697RH132 |
| 1-1/16" | 20 | 80 | 697RH134 |
| 10mm    | 20 | 80 | 697RH610 |
| 11mm    | 20 | 80 | 697RH611 |
| 12mm    | 20 | 80 | 697RH612 |
| 13mm    | 20 | 80 | 697RH613 |
| 14mm    | 20 | 80 | 697RH614 |
| 15mm    | 20 | 80 | 697RH615 |
| 16mm    | 20 | 80 | 697RH616 |
| 17mm    | 20 | 80 | 697RH617 |
| 18mm    | 20 | 80 | 697RH618 |
| 19mm    | 20 | 80 | 697RH619 |
| 21mm    | 20 | 80 | 697RH621 |
| 22mm    | 20 | 80 | 697RH622 |
| 24mm    | 20 | 80 | 697RH624 |
| 26mm    | 20 | 80 | 697RH626 |
| 27mm    | 20 | 80 | 697RH627 |



For use with set screw bit holders

For use with quick release chuck

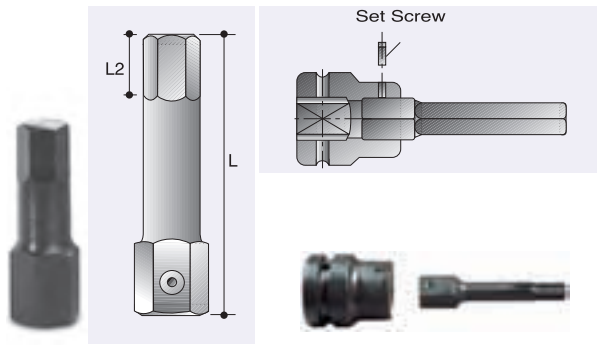
XZN - Triple Square



For use with set screw bit holders

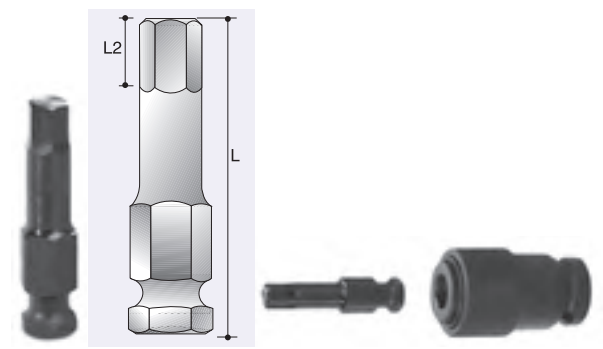
For use with quick release chuck

Internal Torx



For use with set screw bit holders

Hex Drivers



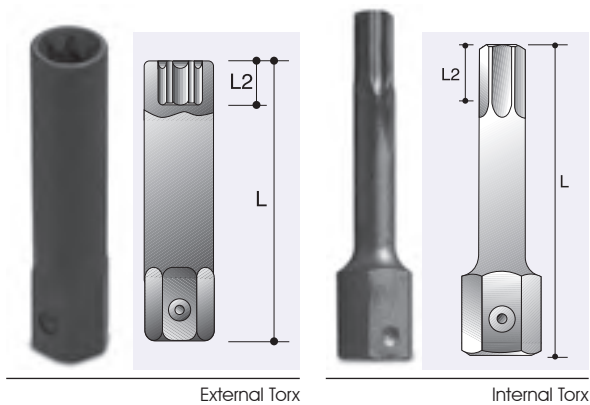
For use with quick release chuck

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## 22mm - 7/8" Hex Drive Bits

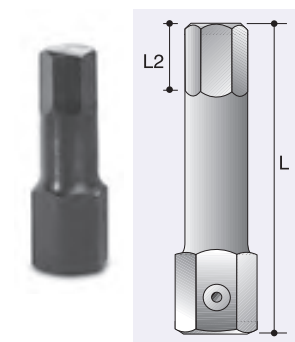
For use with set screw bit holders

| XZN - Triple Square  |      |     |          |     |          | Hex Drivers |    |    |          |     |          |
|----------------------|------|-----|----------|-----|----------|-------------|----|----|----------|-----|----------|
|                      | L2   | L   |          | L   |          |             | L2 | L  |          | L   |          |
| size                 | mm   | mm  | No.      | mm  | No.      | size        | mm | mm | No.      | mm  | No.      |
| M12                  | 20   | 55  | 698JB012 | 107 | 698JB112 | 8mm         | 20 | 55 | 697RB208 | 107 | 697RB008 |
| M14                  | 20   | 55  | 698JB014 | 107 | 698JB114 | 10mm        | 20 | 55 | 697RB210 | 107 | 697RB010 |
| M16                  | 20   | 55  | 698JB016 | 107 | 698JB116 | 11mm        | 20 | 55 | 697RB211 | 107 | 697RB011 |
| M18                  | 20   | 55  | 698JB018 | 107 | 698JB118 | 12mm        | 20 | 55 | 697RB212 | 107 | 697RB012 |
| <b>External Torx</b> |      |     |          |     |          | 13mm        | 20 | 55 | 697RB213 | 107 | 697RB013 |
|                      | D1   | L   |          |     |          | 14mm        | 20 | 55 | 697RB214 | 107 | 697RB014 |
| size                 | mm   | mm  | No.      |     |          | 15mm        | 20 | 55 | 697RB215 | 107 | 697RB015 |
| E18                  | 22.5 | 107 | 697RB118 |     |          | 16mm        | 20 | 55 | 697RB216 | 107 | 697RB016 |
| E20                  | 25   | 107 | 697RB120 |     |          | 17mm        | 20 | 55 | 697RB217 | 107 | 697RB017 |
| E22                  | 27.5 | 107 | 697RB122 |     |          | 18mm        | 20 | 55 | 697RB218 | 107 | 697RB018 |
| E24                  | 30   | 107 | 697RB124 |     |          | 19mm        | 20 | 55 | 697RB219 | 107 | 697RB019 |
| <b>Internal Torx</b> |      |     |          |     |          | 21mm        | 20 | 55 | 697RB221 | 107 | 697RB021 |
|                      | L2   | L   |          | L   |          | 22mm        | 20 | 55 | 697RB222 | 107 | 697RB022 |
| size                 | mm   | mm  | No.      | mm  | No.      | 24mm        | 20 | 55 | 697RB224 | 107 | 697RB024 |
| T60                  | 20   | 60  | 697LC060 | 107 | 697LB060 | 26mm        | 20 | 55 | 697RB226 | 107 | 697RB026 |
| T70                  | 20   | 60  | 697LC070 | 107 | 697LB070 | 27mm        | 20 | 55 | 697RB227 | 107 | 697RB027 |
| T80                  | 20   | 60  | 697LC080 | 107 | 697LB080 | 30mm        | 20 | 55 | 697RB230 | 107 | 697RB030 |
| T90                  | 20   | 60  | 697LC090 | 107 | 697LB090 | 32mm        | 20 | 55 | 697RB232 | 107 | 697RB032 |
| T100                 | 20   | 60  | 697LC100 | 107 | 697LB100 | 3/8"        | 20 | 55 | 697RB312 | 107 | 697RB412 |
|                      |      |     |          |     |          | 7/16"       | 20 | 55 | 697RB314 | 107 | 697RB414 |
|                      |      |     |          |     |          | 1/2"        | 20 | 55 | 697RB316 | 107 | 697RB416 |
|                      |      |     |          |     |          | 9/16"       | 20 | 55 | 697RB318 | 107 | 697RB418 |
|                      |      |     |          |     |          | 5/8"        | 20 | 55 | 697RB320 | 107 | 697RB420 |
|                      |      |     |          |     |          | 11/16"      | 20 | 55 | 697RB322 | 107 | 697RB422 |
|                      |      |     |          |     |          | 3/4"        | 20 | 55 | 697RB324 | 107 | 697RB424 |
|                      |      |     |          |     |          | 13/16"      | 20 | 55 | 697RB326 | 107 | 697RB426 |
|                      |      |     |          |     |          | 7/8"        | 20 | 55 | 697RB328 | 107 | 697RB428 |
|                      |      |     |          |     |          | 15/16"      | 20 | 55 | 697RB330 | 107 | 697RB430 |
|                      |      |     |          |     |          | 1"          | 20 | 55 | 697RB332 | 107 | 697RB432 |
|                      |      |     |          |     |          | 1-1/16"     | 20 | 55 | 697RB334 | 107 | 697RB434 |
|                      |      |     |          |     |          | 1-1/8"      | 20 | 55 | 697RB336 | 107 | 697RB436 |
|                      |      |     |          |     |          | 1-3/16"     | 20 | 55 | 697RB338 | 107 | 697RB438 |
|                      |      |     |          |     |          | 1-1/4"      | 20 | 55 | 697RB340 | 107 | 697RB440 |

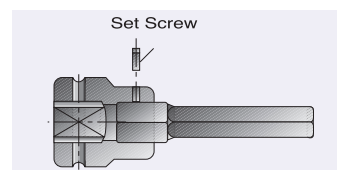


External Torx

Internal Torx



Hex Drivers



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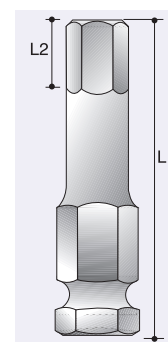
# Impact Sockets

## 22mm - 7/8" Hex Drive Bits

For use with quick release chuck

### Hex Drivers

|         | L2 | L   |          |
|---------|----|-----|----------|
| size    | mm | mm  | No.      |
| 10mm    | 20 | 107 | 697RB510 |
| 11mm    | 20 | 107 | 697RB511 |
| 12mm    | 20 | 107 | 697RB512 |
| 13mm    | 20 | 107 | 697RB513 |
| 14mm    | 20 | 107 | 697RB514 |
| 15mm    | 20 | 107 | 697RB515 |
| 16mm    | 20 | 107 | 697RB516 |
| 17mm    | 20 | 107 | 697RB517 |
| 18mm    | 20 | 107 | 697RB518 |
| 19mm    | 20 | 107 | 697RB519 |
| 21mm    | 20 | 107 | 697RB521 |
| 22mm    | 20 | 107 | 697RB522 |
| 24mm    | 20 | 107 | 697RB524 |
| 26mm    | 20 | 107 | 697RB526 |
| 27mm    | 20 | 107 | 697RB527 |
| 30mm    | 20 | 107 | 697RB530 |
| 32mm    | 20 | 107 | 697RB532 |
| 3/8"    | 20 | 107 | 697RB612 |
| 7/16"   | 20 | 107 | 697RB614 |
| 1/2"    | 20 | 107 | 697RB616 |
| 9/16"   | 20 | 107 | 697RB618 |
| 5/8"    | 20 | 107 | 697RB620 |
| 11/16"  | 20 | 107 | 697RB622 |
| 3/4"    | 20 | 107 | 697RB624 |
| 13/16"  | 20 | 107 | 697RB626 |
| 7/8"    | 20 | 107 | 697RB628 |
| 15/16"  | 20 | 107 | 697RB630 |
| 1"      | 20 | 107 | 697RB632 |
| 1-1/16" | 20 | 107 | 697RB634 |
| 1-1/8"  | 20 | 107 | 697RB636 |
| 1-3/16" | 20 | 107 | 697RB638 |
| 1-1/4"  | 20 | 107 | 697RB640 |



## 32mm - 1-1/4" Hex Drive Bits

For use with set screw bit holders

### Hex Drivers

|      | L2 | L  |          |
|------|----|----|----------|
| size | mm | mm | No.      |
| 27mm | 26 | 55 | 697RA227 |
| 29mm | 26 | 55 | 697RA229 |
| 22mm | 30 | 63 | 697RA322 |
| 23mm | 30 | 63 | 697RA323 |
| 24mm | 30 | 63 | 697RA324 |
| 25mm | 30 | 63 | 697RA325 |
| 26mm | 30 | 63 | 697RA326 |
| 27mm | 30 | 63 | 697RA327 |
| 28mm | 30 | 63 | 697RA328 |
| 29mm | 30 | 68 | 697RA329 |
| 30mm | 30 | 68 | 697RA330 |
| 31mm | 30 | 68 | 697RA331 |
| 32mm |    | 68 | 697RA332 |
| 36mm | 30 | 68 | 697RA336 |

## 41mm - 1-5/8" Hex Drive Bits

For use with set screw bit holders

### Hex Drivers

|      | L2 | L  |          |
|------|----|----|----------|
| size | mm | mm | No.      |
| 33mm | 48 | 90 | 697RJ033 |
| 34mm | 48 | 90 | 697RJ034 |
| 35mm | 48 | 90 | 697RJ035 |
| 36mm | 48 | 90 | 697RJ036 |
| 38mm | 48 | 90 | 697RJ038 |
| 41mm |    | 90 | 697RJ041 |

## 55mm Hex Drive Bits

For use with set screw bit holders

### Hex Drivers

|      | L2 | L   |          |
|------|----|-----|----------|
| size | mm | mm  | No.      |
| 46mm | 48 | 100 | 697RL046 |
| 50mm | 48 | 100 | 697RL050 |
| 55mm |    | 100 | 697RL055 |

## 60mm - 2-3/8" Hex Drive Bits

For use with set screw bit holders

### Hex Drivers

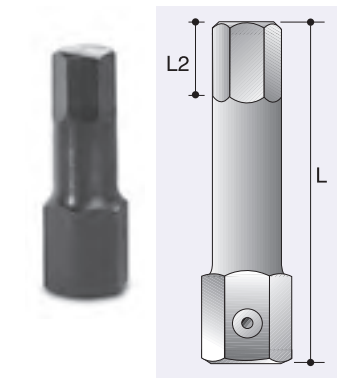
|      | L2 | L   |          |
|------|----|-----|----------|
| size | mm | mm  | No.      |
| 50mm | 48 | 105 | 697RM050 |
| 55mm | 48 | 105 | 697RM055 |
| 56mm | 48 | 105 | 697RM056 |
| 60mm |    | 105 | 697RM060 |

## 65mm - 2-9/16" Hex Drive Bits

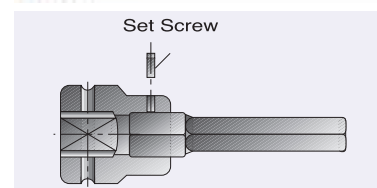
For use with set screw bit holders

### Hex Drivers

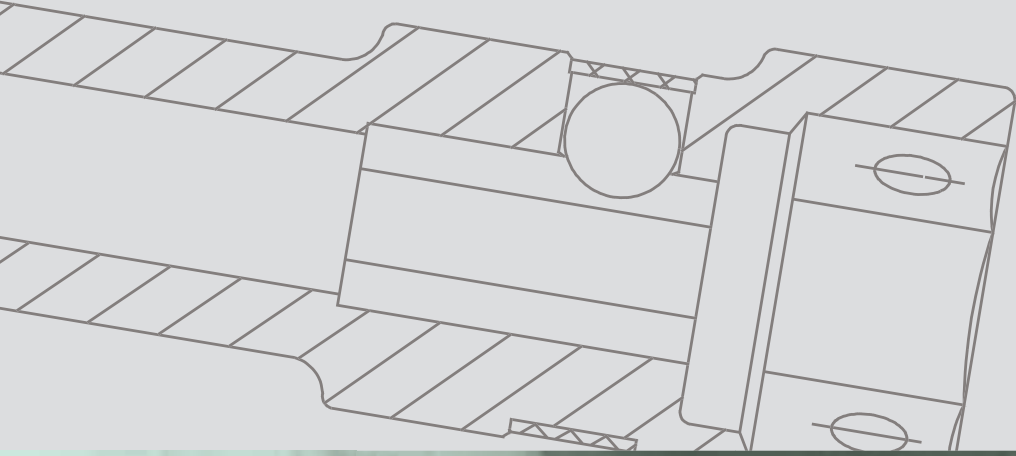
|      | L2 | L   |          |
|------|----|-----|----------|
| size | mm | mm  | No.      |
| 55mm | 48 | 110 | 697RN055 |
| 56mm | 48 | 110 | 697RN056 |
| 60mm | 48 | 110 | 697RN060 |
| 65mm |    | 110 | 697RN065 |



Hex Drivers



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# Bit Through Sockets

Double End Bit Through Sockets  
Bit Through Sockets



## Bit Through Sockets

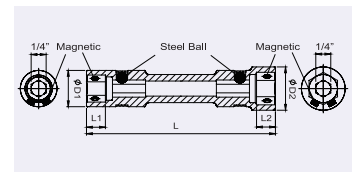
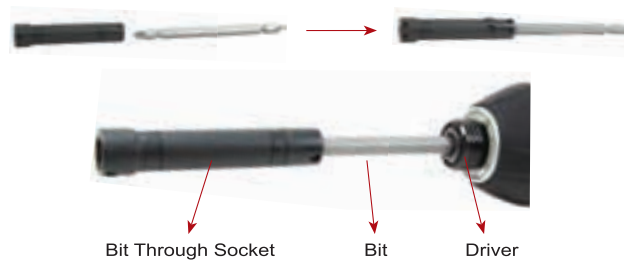
### Double End Bit Through Sockets

With two magnets at the 6-point opening

For use with DIN 3126-E6.35

**1/4" = 6.3mm Hex Shank Double end Power Bits**

| No.      |  mm |  mm | D2<br>mm | D1<br>mm | L1<br>mm | L2<br>mm | L<br>mm |
|----------|--|--|----------|----------|----------|----------|---------|
| 69160008 | 10   | 8  | 15       | 13       | 6        | 5        | 70      |
| 69160010 | 12   | 10   | 18.5     | 15.5     | 8        | 8        | 80      |



With two magnets at the 6-point opening

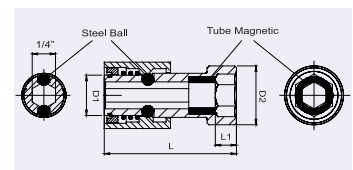
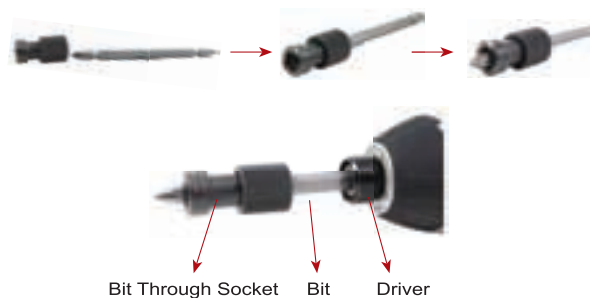
## Bit Through Sockets

With Tube type magnetic

For use with DIN 3126-E6.35

**1/4" = 6.3mm Hex Shank Double end Power Bits**

| No.      | Drive<br>inch | size<br>mm | D2<br>mm | D1<br>mm | L1<br>mm | L<br>mm |           |
|----------|---------------|------------|----------|----------|----------|---------|-----------|
| 6916A008 | 1/4"          | 8          | 13       | 11       | 5        | 36      |           |
| 6916A010 | 1/4"          | 10         | 15.5     | 11       | 5        | 36      |           |
| 6916A012 | 1/4"          | 12         | 18.5     | 11       | 5        | 36      |           |
| 6916C012 | 1/4"          | 12         | 17.5     | 11       | 5        | 36      | Thin Wall |
| 6916A013 | 1/4"          | 13         | 19.5     | 11       | 5        | 36      |           |
| 6916A014 | 1/4"          | 14         | 20.5     | 11       | 5        | 36      |           |
| 6916B008 | 1/4"          | 8          | 13       | 11       | 5        | 45      |           |
| 6916B010 | 1/4"          | 10         | 15.5     | 11       | 5        | 45      |           |
| 6916B012 | 1/4"          | 12         | 18.5     | 11       | 5        | 45      |           |
| 6916B013 | 1/4"          | 13         | 19.5     | 11       | 5        | 45      |           |
| 6916B014 | 1/4"          | 14         | 20.5     | 11       | 5        | 45      |           |



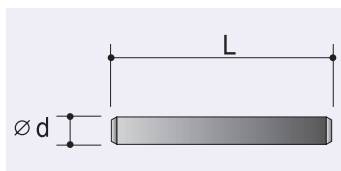
With Tube type magnetic



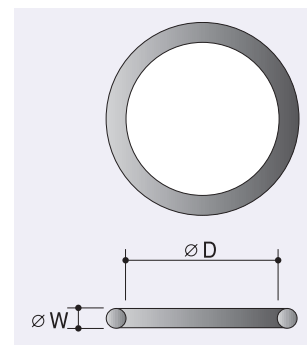
# Pin & O-Ring

Pin & O-Ring

# Impact Sockets



Locking Pin



O-Ring

## Locking Pin

|           | Drive  | Fits Socket Drive end Diameters | d   | L   |          |
|-----------|--------|---------------------------------|-----|-----|----------|
| size      | inch   | mm                              | mm  | mm  | No.      |
| 1.5 x 10  | 1/4"   | 13                              | 1.5 | 10  | 69730010 |
| 1.5 x 11  | 1/4"   | 14                              | 1.5 | 11  | 69730011 |
| 2.5 x 14  | 3/8"   | 19~21                           | 2.5 | 14  | 69731014 |
| 2.5 x 16  | 3/8"   | 22~24                           | 2.5 | 16  | 69731016 |
| 2.5 x 18  | 3/8"   | 24~26                           | 2.5 | 18  | 69731018 |
| 2.5 x 22  | 3/8"   | 28~30                           | 2.5 | 22  | 69731022 |
| 2.5 x 28  | 3/8"   | 32~34                           | 2.5 | 28  | 69731028 |
| 3.0 x 18  | 1/2"   | 22                              | 3   | 18  | 69732018 |
| 3.0 x 20  | 1/2"   | 24~28                           | 3   | 20  | 69732020 |
| 3.0 x 25  | 1/2"   | 29~34                           | 3   | 25  | 69732025 |
| 3.0 x 28  | 1/2"   | 35~38                           | 3   | 28  | 69732028 |
| 3.0 x 38  | 1/2"   | 43~44                           | 3   | 38  | 69732038 |
| 4.0 x 31  | 3/4"   | 36~41                           | 4   | 31  | 69734031 |
| 4.0 x 35  | 3/4"   | 42~46                           | 4   | 35  | 69734035 |
| 4.0 x 45  | 3/4"   | 51~57                           | 4   | 45  | 69734045 |
| 4.0 x 53  | 3/4"   | 60~65                           | 4   | 53  | 69734053 |
| 5.0 x 40  | 1"     | 48~52                           | 5   | 40  | 69735040 |
| 5.0 x 45  | 1"     | 54~60                           | 5   | 45  | 69735045 |
| 5.0 x 49  | 1"     | 62                              | 5   | 49  | 69734049 |
| 6.0 x 75  | 1"     | 86                              | 6   | 75  | 69735075 |
| 6.0 x 84  | 1"     | 95                              | 6   | 84  | 69735084 |
| 6.0 x 75  | 1-1/2" | 86                              | 6   | 75  | 69735075 |
| 6.0 x 84  | 1-1/2" | 95                              | 6   | 84  | 69735084 |
| 6.0 x 116 | 1-1/2" | 127                             | 6   | 116 | 69735116 |
| 8.0 x 110 | 2-1/2" | 127                             | 8   | 110 | 69738110 |
| 8.0 x 139 | 2-1/2" | 152                             | 8   | 139 | 69738139 |

## O-Ring

|            | Drive           | Fits Socket Drive end Diameters | D    | W   |          |
|------------|-----------------|---------------------------------|------|-----|----------|
| size       | inch            | mm                              | mm   | mm  | No.      |
| 11 x 2.4   | 1/4"            | 13                              | 11   | 2.4 | 69740011 |
| 11.8 x 2.4 | 1/4"            | 14                              | 11.8 | 2.4 | 69741012 |
| 13 x 3.5   | 3/8"            | 19                              | 13   | 3.5 | 69741100 |
| 16 x 3.5   | 3/8"            | 20~22                           | 16   | 3.5 | 69741102 |
| 18.6 x 3.5 | 3/8"            | 23~24                           | 18.6 | 3.5 | 69742019 |
| 20.2 x 3.5 | 3/8"            | 25~26                           | 20.2 | 3.5 | 69742020 |
| 24.7 x 3.5 | 3/8"            | 28~30                           | 24.7 | 3.5 | 69741025 |
| 28.7 x 3.5 | 3/8"            | 32~34                           | 28.7 | 3.5 | 69741028 |
| 19 x 4     | 1/2"            | 22~26                           | 19   | 4   | 69742100 |
| 22 x 4     | 1/2"            | 27~28                           | 22   | 4   | 69742101 |
| 24 x 4     | 1/2"            | 29~30                           | 24   | 4   | 69742102 |
| 26 x 4     | 1/2"            | 31~34                           | 26   | 4   | 69742103 |
| 30 x 4     | 1/2"            | 35~38                           | 30   | 4   | 69742104 |
| 38 x 4     | 1/2"            | 43~44                           | 38   | 4   | 69742105 |
| 32.7 x 5   | 3/4"            | 36~41                           | 32.7 | 5   | 69744033 |
| 36 x 5     | 3/4"            | 42~46                           | 36   | 5   | 69744100 |
| 43.8 x 5   | 3/4"            | 51~54                           | 43.8 | 5   | 69744044 |
| 50 x 5     | 3/4"            | 56~58                           | 50   | 5   | 69744050 |
| 53 x 5     | 3/4"            | 60                              | 53   | 5   | 69744053 |
| 58 x 5     | 3/4"            | 65                              | 58   | 5   | 69744058 |
| 40 x 7     | 1"              | 48~52                           | 40   | 7   | 69745040 |
| 45 x 7     | 1"              | 54~60                           | 45   | 7   | 69745100 |
| 53 x 7     | 1"              | 62                              | 53   | 7   | 69745102 |
| 77 x 7     | 1"              | 86                              | 77   | 7   | 69745101 |
| 84 x 7     | 1"              | 95                              | 84   | 7   | 69745084 |
| 75 x 10    | 1-1/2"          | 86                              | 75   | 10  | 69746100 |
| 84 x 10    | 1-1/2"          | 95                              | 84   | 10  | 69746101 |
| 114 x 10   | 1-1/2" & 2-1/2" | 127                             | 114  | 10  | 69746114 |
| 139 x 10   | 2-1/2"          | 152                             | 139  | 10  | 69748101 |



# Hand Tools


Hand Tools  
Torque Multiplier

# Impact Sockets

## Hand Tools

### Sliding "T" Handle

#### Male end with Steel Ball Retainer


| No.     |  | L<br>mm |
|---------|---|---------|
| 5920010 | 1/2"  | 300     |
| 5940010 | 3/4"  | 510     |
| 5950010 | 1"  | 760     |



Sliding "T" Handle

### "L" Handle

#### Male end with Steel Ball Retainer


| No.     |  | L<br>mm |
|---------|---|---------|
| 6010010 | 3/8"  | 160     |
| 6020010 | 1/2"  | 250     |
| 6040010 | 3/4"  | 450     |
| 6050010 | 1"  | 540     |



"L" Handle

### Flexible Bars

#### Male end with steel ball retainer

| No.     |  | L<br>mm |
|---------|---|---------|
| 5812255 | 3/8"  | 255     |
| 5812380 | 3/8"  | 380     |
| 5812450 | 3/8"  | 450     |
| 5822380 | 1/2"  | 380     |
| 5822450 | 1/2"  | 450     |
| 5822600 | 1/2"  | 600     |
| 5822760 | 1/2"  | 760     |
| 5842K00 | 3/4"  | 1000    |
| 5852K00 | 1"  | 1000    |



Flexible Bars

### Torque Multipliers

| No.     | Output | Input | Gear<br>Ratio | Max. Input Torque |        | Max. Output Torque |        |
|---------|--------|-------|---------------|-------------------|--------|--------------------|--------|
|         | Drive  | Drive |               | N-m               | Ft-Lbs | N-m                | Ft-Lbs |
| MT-1000 | 3/4"   | 1/2"  | 1:3           | 460               | 340    | 1400               | 1000   |
| MT-1009 | 3/4"   | 1/2"  | 1:9           | 231               | 171    | 1500               | 1100   |
| MT-1012 | 1"     | 1/2"  | 1:12          | 222               | 164    | 2000               | 1480   |
| MT-1016 | 1"     | 1/2"  | 1:16          | 208               | 154    | 2500               | 1850   |
| MT-2000 | 1"     | 3/4"  | 1:3           | 900               | 650    | 2700               | 2000   |
| MT-2004 | 1"     | 3/4"  | 1:4           | 758               | 561    | 2500               | 1850   |



## Torque Multipliers

| Order No. | Contents   |
|-----------|--|
| MT-1009S  | MT-1009 With 90° Reaction Bar & Over Load Adapter Set. |



## Torque Multipliers

| Order No. | Contents   |
|-----------|--|
| MT-1012S  | MT-1012 With 90° Reaction Bar & Over Load Adapter Set. |



90° Reaction bar can be adjusted to use with std. & deep Sockets

# Impact Sockets

## Torque Multipliers

| Order No. | Contents   |
|-----------|--|
| MT-1016S  | MT-1016 With 90° Reaction Bar & Over Load Adapter Set. |



## Torque Multipliers

| Order No. | Contents                           |
|-----------|------------------------------------|
| MT-2004S  | MT-2004 With 90° Reaction Bar Set. |



90° Reaction bar can be adjusted to use with std. & deep Sockets

# *MEMO*



# Safety Rules



THIS SYMBOL INDICATES A  
HAZARD ALERT WARNING



MANDATORY EYE  
PROTECTION

## Important Words About Safety for Users and Bystanders

These safety recommendations simply reflect good engineering practice and are not intended to be a comprehensive set of rules. They compliment, but do not replace standard precautions to be taken by every user in compliance with professional guidelines, company procedures or national regulations. Keep and follow all power tool manufacturers operating instructions and safety rules. Remember, all the rules in the world cannot replace good common sense.

- Always wear eye, face, hand and body protective equipment while using or near the use of any Impact Tool or Attachment.
- Use only Impact Sockets or Chisels that are in good condition. Worn Tools reduce impact power and could also shatter, resulting in personal injury.
- Always select the correct size and type of Tool for the job to be done.
- When using a Universal Joint, Adapter or Extension Bar, never operate the Tool off the work.
- Use only Socket Retaining Pins designed for that purpose. Never use a make-shift pin.
- Never continue to hammer with an Impact Socket once the Fastener is tight.
- Always use the simplest hook-up possible. Long Extension Bars and Adapters absorb impact power and could break loose, resulting in personal injury.
- Never modify an Impact Socket from its original design to accomplish a task for which it was not intended.
- Never strike an Impact Socket or Chisel with a Hammer or other hard object.
- Never hold a Socket, Chisel, Universal Joint or other Attachment in your hand while the Power Tool is running.
- Keep tools away from Children.



# TRIVAX<sup>7</sup>®

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