

# 1/4" Square Drive Sockets, SAE

## Standard Length, 6 Point and Double Hex



| Part Number 6 Point | Part Number Double Hex | Hex Opening In. | Overall Length (A) | Diameter Nose End (B) | Diameter Drive End (C) | Opening Depth (D) |
|---------------------|------------------------|-----------------|--------------------|-----------------------|------------------------|-------------------|
| 1105                | -                      | 5/32            | 7/8                | 1/4                   | 1/2                    | 3/32              |
| 1106                | 1106-D                 | 3/16            | 7/8                | 5/16                  | 1/2                    | 3/32              |
| 1107                | 1107-D                 | 7/32            | 7/8                | 3/8                   | 1/2                    | 5/32              |
| 1108                | 1108-D                 | 1/4             | 7/8                | 3/8                   | 1/2                    | 5/32              |
| X-1108*             | -                      | 1/4             | 7/8                | 3/8                   | 1/2                    | 5/32              |
| 1109                | 1109-D                 | 9/32            | 1                  | 7/16                  | 1/2                    | 3/16              |
| 1110                | 1110-D                 | 5/16            | 1                  | 1/2                   | 1/2                    | 3/16              |
| X-1110*             | -                      | 5/16            | 1                  | 1/2                   | 1/2                    | 3/16              |
| HA-510              | -                      | 5/16            | 7/8                | 7/16                  | 7/16                   | 3/16              |
| 1111                | 1111-D                 | 11/32           | 1                  | 1/2                   | 1/2                    | 3/16              |
| 1112                | 1112-D                 | 3/8             | 1                  | 9/16                  | 9/16                   | 1/4               |
| 1113                | -                      | 13/32           | 1                  | 5/8                   | 5/8                    | 1/4               |
| 1114                | 1114-D                 | 7/16            | 1                  | 5/8                   | 5/8                    | 9/32              |
| 1116                | 1116-D                 | 1/2             | 1                  | 11/16                 | 11/16                  | 11/32             |
| 1118                | -                      | 9/16            | 1                  | 13/16                 | 13/16                  | 7/16              |
| 1120                | -                      | 5/8             | 1                  | 7/8                   | 7/8                    | 7/16              |

\* Parts have a harder heat treat.

## Magnetic, Standard Length, 6 Point



| Part Number 6 Point | Hex Opening In. | Overall Length (A) | Diameter Nose End (B) | Diameter Drive End (C) | Opening Depth (D) |
|---------------------|-----------------|--------------------|-----------------------|------------------------|-------------------|
| M-1105              | 5/32            | 7/8                | 5/16                  | 1/2                    | 3/32              |
| M-1106              | 3/16            | 7/8                | 5/16                  | 1/2                    | 3/32              |
| M-1107              | 7/32            | 7/8                | 3/8                   | 1/2                    | 5/32              |
| MX-1108*            | 1/4             | 7/8                | 3/8                   | 1/2                    | 5/32              |
| M-1108-E*           | 1/4             | 7/8                | 3/8                   | 1/2                    | 5/32              |
| MX-1109*            | 9/32            | 1                  | 7/16                  | 1/2                    | 3/16              |
| MHA-510             | 5/16            | 7/8                | 7/16                  | 7/16                   | 1/8               |
| M-1110              | 5/16            | 1                  | 1/2                   | 1/2                    | 3/16              |
| MX-1110*            | 5/16            | 1                  | 1/2                   | 1/2                    | 3/16              |
| MX-1111             | 11/32           | 1                  | 1/2                   | 1/2                    | 3/16              |
| M-1112              | 3/8             | 1                  | 9/16                  | 9/16                   | 1/4               |
| MX-1112*            | 3/8             | 1                  | 9/16                  | 9/16                   | 1/4               |
| M-1114              | 7/16            | 1                  | 5/8                   | 5/8                    | 9/32              |
| M-1116              | 1/2             | 1                  | 11/16                 | 11/16                  | 11/32             |
| M-1118              | 9/16            | 1                  | 11/16                 | 11/16                  | 11/32             |

\*Parts have a harder heat treat; MX-1108-E has no lead-in chamfer.

## Long Length, 6 Point and Double Hex



| Part Number 6 Point | Part Number Double Hex | Hex Opening In. | Overall Length (A) | Diameter Nose End (B) | Diameter Drive End (C) | Opening Depth (D) |
|---------------------|------------------------|-----------------|--------------------|-----------------------|------------------------|-------------------|
| 1206                | 1206-D                 | 3/16            | 1 3/4              | 5/16                  | 1/2                    | 3/32              |
| 1207                | -                      | 7/32            | 1 3/4              | 3/8                   | 1/2                    | 5/32              |
| 1208                | 1208-D                 | 1/4             | 1 3/4              | 3/8                   | 1/2                    | 5/32              |
| 1209                | 1209-D                 | 9/32            | 1 3/4              | 7/16                  | 1/2                    | 3/16              |
| 1210                | 1210-D                 | 5/16            | 1 3/4              | 1/2                   | 1/2                    | 3/16              |
| 1211                | -                      | 11/32           | 1 3/4              | 1/2                   | 1/2                    | 3/16              |
| 1212                | 1212-D                 | 3/8             | 1 3/4              | 9/16                  | 9/16                   | 1/4               |
| 1213                | -                      | 13/32           | 1 3/4              | 5/8                   | 5/8                    | 1/4               |
| 1214                | -                      | 7/16            | 1 3/4              | 5/8                   | 5/8                    | 9/32              |
| 1216                | 1216-D                 | 1/2             | 1 3/4              | 11/16                 | 11/16                  | 11/32             |
| 1218                | -                      | 9/16            | 1 3/4              | 13/16                 | 13/16                  | 7/16              |

## Magnetic, Long & Extra Long Length, 6 Point



| Part No. Fixed Magnet | Part No. Bolt Clearance | Hex Opening In. | Overall Length (A) | Diameter Nose End (B) | Diameter Drive End (C) | Opening Depth (D) |
|-----------------------|-------------------------|-----------------|--------------------|-----------------------|------------------------|-------------------|
| -                     | MB-1206                 | 3/16            | 1 3/4              | 5/16                  | 1/2                    | 5/32              |
| M-1208                | MB-1208                 | 1/4             | 1 3/4              | 3/8                   | 1/2                    | 5/32              |
| -                     | MB-1308                 | 1/4             | 3                  | 3/8                   | 1/2                    | 5/32              |
| M-1209                | MB-1209                 | 9/32            | 1 3/4              | 7/16                  | 1/2                    | 3/16              |
| M-1210                | MB-1210                 | 5/16            | 1 3/4              | 1/2                   | 1/2                    | 3/16              |
| -                     | MB-1211                 | 11/32           | 1 3/4              | 1/2                   | 1/2                    | 3/16              |
| -                     | MB-1311                 | 11/32           | 3                  | 1/2                   | 1/2                    | 3/16              |
| M-1212                | MB-1212                 | 3/8             | 1 3/4              | 9/16                  | 9/16                   | 1/4               |
| -                     | MB-1312                 | 3/8             | 3                  | 9/16                  | 9/16                   | 1/4               |
| M-1214                | MB-1214                 | 7/16            | 1 3/4              | 5/8                   | 5/8                    | 9/32              |
| -                     | MB-1314                 | 7/16            | 3                  | 5/8                   | 5/8                    | 9/32              |
| -                     | MB-1216                 | 1/2             | 1 3/4              | 11/16                 | 11/16                  | 11/32             |
| -                     | MB-1218                 | 9/16            | 1 3/4              | 13/16                 | 13/16                  | 7/16              |

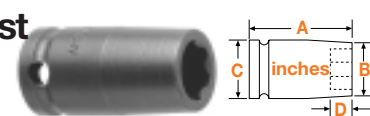
\* For explanation of magnets, see Tool Tip on page 33.

## Extra Long Length, 6 Point and Double Hex



| Part Number 6 Point | Part Number Double Hex | Hex Opening In. | Overall Length (A) | Diameter Nose End (B) | Diameter Drive End (C) | Opening Depth (D) |
|---------------------|------------------------|-----------------|--------------------|-----------------------|------------------------|-------------------|
| 1308                | 1308-D                 | 1/4             | 3                  | 3/8                   | 1/2                    | 5/32              |
| 1310                | -                      | 5/16            | 3                  | 1/2                   | 1/2                    | 3/16              |
| 1311                | 1311-D                 | 11/32           | 3                  | 1/2                   | 1/2                    | 3/16              |
| 1312                | -                      | 3/8             | 3                  | 9/16                  | 9/16                   | 1/4               |
| 1313                | -                      | 13/32           | 3                  | 9/16                  | 9/16                   | 1/4               |
| 1314                | -                      | 7/16            | 3                  | 5/8                   | 5/8                    | 9/32              |
| 1316                | -                      | 1/2             | 3                  | 11/16                 | 11/16                  | 11/32             |
| 1318                | -                      | 9/16            | 3                  | 13/16                 | 13/16                  | 7/16              |
| 1320                | -                      | 5/8             | 3                  | 7/8                   | 7/8                    | 7/16              |

## Surface Drive & Fast Lead, Standard & Long Length



| Part No. Surface Drive | Part No. Number Fast Lead | Hex Opening In. | Overall Length (A) | Diameter Nose End (B) | Diameter Drive End (C) | Opening Depth (D) |
|------------------------|---------------------------|-----------------|--------------------|-----------------------|------------------------|-------------------|
| -                      | FL-1108                   | 1/4             | 7/8                | 3/8                   | 1/2                    | 5/32              |
| -                      | FL-1109                   | 9/32            | 7/8                | 3/8                   | 1/2                    | 5/32              |
| -                      | FL-1110                   | 5/16            | 1                  | 1/2                   | 1/2                    | 3/16              |
| SF-1112                | FL-1112                   | 3/8             | 1                  | 9/16                  | 9/16                   | 1/4               |
| -                      | FL-1212                   | 3/8             | 1 3/4              | 9/16                  | 9/16                   | 1/4               |
| -                      | FL-1114                   | 7/16            | 1                  | 5/8                   | 5/8                    | 9/32              |
| -                      | FL-1214                   | 7/16            | 1 3/4              | 5/8                   | 5/8                    | 9/32              |
| SF-1116                | FL-1116                   | 1/2             | 1                  | 11/16                 | 11/16                  | 11/32             |
| -                      | FL-1216                   | 1/2             | 1 3/4              | 11/16                 | 11/16                  | 11/32             |

• Indicates a commonly requested item that is either in stock or has a maximum typical leadtime of 4 weeks from the factory. No minimum on these items.

# 1/4" Sq. Dr. Sockets For SAE Sheet Metal Screws

## 6 Point & 6 Point Magnetic, For Predrilled Holes\*



| Part Number<br>6 Point | Part Number<br>Magnetic | Hex Opening<br>In. | Overall Length<br>(A) | Diameter<br>Nose End<br>(B) | Diameter<br>Drive End<br>(C) | Opening Depth<br>(D) |
|------------------------|-------------------------|--------------------|-----------------------|-----------------------------|------------------------------|----------------------|
| -                      | M1E06•                  | 3/16               | 7/8                   | 5/16                        | 1/2                          | 3/32                 |
| -                      | M1E07                   | 7/32               | 7/8                   | 3/8                         | 1/2                          | 5/32                 |
| 1E08                   | M1E08•                  | 1/4                | 7/8                   | 3/8                         | 1/2                          | 5/32                 |
| 1E10                   | M1E10•                  | 5/16               | 7/8                   | 1/2                         | 1/2                          | 3/16                 |
| -                      | M1E11•                  | 11/32              | 1                     | 1/2                         | 1/2                          | 3/16                 |
| -                      | M1E12•                  | 3/8                | 1                     | 5/8                         | 5/8                          | 1/4                  |
| -                      | M1E14•                  | 7/16               | 1                     | 11/16                       | 11/16                        | 9/32                 |
| -                      | M1E16•                  | 1/2                | 1                     | 11/16                       | 11/16                        | 11/32                |

\*Sockets for predrilled holes are intermediate hardness; sockets for self-drilling and tapping screws are maximum hardness.

## 6 Point & 6 Point Magnetic, for Self-Drilling and Tapping Screws\*



| Part Number<br>6 Point | Part Number<br>Magnetic | Hex Opening<br>In. | Overall Length<br>(A) | Diameter<br>Nose End<br>(B) | Diameter<br>Drive End<br>(C) | Opening Depth<br>(D) |
|------------------------|-------------------------|--------------------|-----------------------|-----------------------------|------------------------------|----------------------|
| 1P06                   | M1P06•                  | 3/16               | 7/8                   | 5/16                        | 1/2                          | 3/32                 |
| 1P07                   | M1P07                   | 7/32               | 7/8                   | 3/8                         | 1/2                          | 5/32                 |
| 1P08•                  | M1P08•                  | 1/4                | 7/8                   | 7/16                        | 1/2                          | 5/32                 |
| -                      | M1P09                   | 9/32               | 7/8                   | 1/2                         | 1/2                          | 3/16                 |
| 1P10•                  | M1P10•                  | 5/16               | 7/8                   | 1/2                         | 1/2                          | 3/16                 |
| 1P11                   | M1P11•                  | 11/32              | 1                     | 1/2                         | 1/2                          | 3/16                 |
| 1P12•                  | M1P12•                  | 3/8                | 1                     | 5/8                         | 5/8                          | 1/4                  |
| 1P14•                  | M1P14•                  | 7/16               | 1                     | 11/16                       | 11/16                        | 9/32                 |
| 1P16                   | M1P16•                  | 1/2                | 1                     | 11/16                       | 11/16                        | 11/32                |

\*Sockets for predrilled holes are intermediate hardness; sockets for self-drilling and tapping screws are maximum hardness.

# 1/4" Sq. Dr. Sockets For SAE Square Nuts

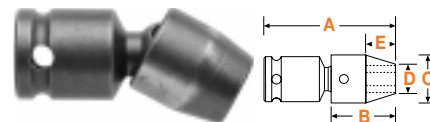
## Single Square & Double Square



| Part Number<br>Square | Part No.<br>Double<br>Square | Hex Opening<br>In. | Overall Length<br>(A) | Diameter<br>Nose End<br>(B) | Diameter<br>Drive End<br>(C) | Opening Depth<br>(D) |
|-----------------------|------------------------------|--------------------|-----------------------|-----------------------------|------------------------------|----------------------|
| 1608•                 | 1608-D                       | 1/4                | 1                     | 1/2                         | 1/2                          | 3/16                 |
| 1612                  | 1612-D                       | 3/8                | 1                     | 3/4                         | 3/4                          | 1/4                  |

# 1/4" Square Drive Universal Wrenches, SAE

## 6 Point and Double Hex



| Part Number<br>6 Point | Part Number<br>Double Hex | Hex Opening<br>In. | Overall Length<br>(A) | Socket Length<br>(B) | Socket Diameter<br>(C) | Nose End Diameter<br>(D) | Clearance Depth<br>(E) |
|------------------------|---------------------------|--------------------|-----------------------|----------------------|------------------------|--------------------------|------------------------|
| SA-25                  | SA-25-D                   | 1/4                | 1 7/32                | 3/4                  | 5/8                    | 3/8                      | 3/8                    |
| SA-26•                 | SA-26-D•                  | 5/16               | 1 17/32               | 3/4                  | 5/8                    | 7/16                     | 3/8                    |
| SA-28•                 | SA-28-D                   | 3/8                | 1 19/32               | 13/16                | 5/8                    | 17/32                    | 7/16                   |
| SA-29•                 | SA-29-D                   | 7/16               | 1 21/32               | 7/8                  | 5/8                    | 5/8                      | 1/2                    |
| SA-30•                 | SA-30-D                   | 1/2                | 1 21/32               | 7/8                  | 11/16                  | 11/16                    | 1/2                    |
| SA-65                  | -                         | 9/16               | 1 21/32               | 7/8                  | 11/16                  | 11/16                    | 1/2                    |

Universal wrenches must not be used with impact drivers.  
Maximum operating angle is 30°.

• Indicates a commonly requested item that is either in stock or has a max typical leadtime of 4 weeks from the factory. No minimum on these items.