



# FASTENER TOOLS

## 2017 / 18

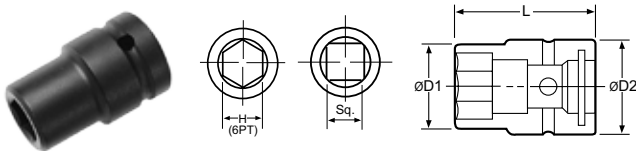
# STANDARD FASTENER TOOLS

## STANDARD FASTENER TOOLS

Connect your tool to the application with Bits, Sockets and Nutsetters from AIMCO.

AIMCO has assembled the most complete package of commonly used screwdriver bits and nutsetters in the industry. Our goal is to supply you with the highest quality bits and nutsetters for your fastener needs. Whether you're in electronics, aerospace, automotive, or general industry, AIMCO has the bits and nutsetters to fit your needs.

## IMPACT SOCKETS



| PART NO | HEX | D1<br>MM | D1<br>IN | D2<br>MM | D2<br>IN | L<br>MM | L<br>IN |
|---------|-----|----------|----------|----------|----------|---------|---------|
|---------|-----|----------|----------|----------|----------|---------|---------|

| 3/8" Square Drive |        |       |    |      |    |      |    |      |
|-------------------|--------|-------|----|------|----|------|----|------|
| SAE               | A31/4  | 1/4"  | 10 | 0.39 | 19 | 0.75 | 34 | 1.34 |
|                   | A35/16 | 5/16" | 12 | 0.47 | 19 | 0.75 | 34 | 1.34 |
|                   | A33/8  | 3/8"  | 15 | 0.59 | 19 | 0.75 | 34 | 1.34 |
| METRIC            | A306   | 6 mm  | 10 | 0.39 | 19 | 0.75 | 34 | 1.34 |
|                   | A307   | 7 mm  | 13 | 0.49 | 20 | 0.79 | 32 | 1.26 |
|                   | A308   | 8 mm  | 14 | 0.55 | 20 | 0.79 | 32 | 1.26 |

| 3/8" Square Drive, Deep |           |      |    |      |    |      |    |      |
|-------------------------|-----------|------|----|------|----|------|----|------|
|                         | A307-2    | 7 mm | 13 | 0.49 | 20 | 0.79 | 50 | 1.97 |
|                         | A307-2.75 | 7 mm | 13 | 0.49 | 20 | 0.79 | 70 | 2.76 |
|                         | A308-2    | 8 mm | 14 | 0.55 | 20 | 0.79 | 50 | 1.97 |

| 3/8" Square Drive, Magnetic |          |       |    |      |    |      |    |      |
|-----------------------------|----------|-------|----|------|----|------|----|------|
| SAE                         | A31/4MP  | 1/4"  | 10 | 0.39 | 19 | 0.75 | 34 | 1.34 |
|                             | A35/16MP | 5/16" | 12 | 0.47 | 19 | 0.75 | 34 | 1.34 |
|                             | A33/8MP  | 3/8"  | 15 | 0.59 | 19 | 0.75 | 34 | 1.34 |
| METRIC                      | A308MP   | 8 mm  | 14 | 0.55 | 20 | 0.79 | 32 | 1.26 |
|                             | A310MP   | 10 mm | 17 | 0.65 | 20 | 0.79 | 32 | 1.26 |
|                             | A311MP   | 11 mm | 17 | 0.65 | 19 | 0.75 | 34 | 1.34 |

| 1/2" Square Drive |        |       |    |      |    |      |    |      |
|-------------------|--------|-------|----|------|----|------|----|------|
| SAE               | A43/8  | 3/8"  | 16 | 0.63 | 25 | 0.98 | 38 | 1.50 |
|                   | A47/16 | 7/16" | 18 | 0.69 | 25 | 0.98 | 38 | 1.50 |
|                   | A41/2  | 1/2"  | 19 | 0.75 | 25 | 0.98 | 50 | 1.97 |
| METRIC            | A408   | 8 mm  | 16 | 0.61 | 25 | 0.98 | 40 | 1.58 |
|                   | A409   | 9 mm  | 16 | 0.63 | 25 | 0.98 | 40 | 1.58 |
|                   | A410   | 10 mm | 18 | 0.69 | 25 | 0.98 | 40 | 1.58 |

| 1/2" Square Drive, Deep |             |       |    |      |    |      |    |      |
|-------------------------|-------------|-------|----|------|----|------|----|------|
| SAE                     | A43/8-3.25  | 3/8"  | 17 | 0.67 | 25 | 0.98 | 82 | 3.23 |
|                         | A47/16-3.25 | 7/16" | 19 | 0.73 | 25 | 0.98 | 82 | 3.23 |
|                         | A41/2-3.25  | 1/2"  | 22 | 0.85 | 25 | 0.98 | 82 | 3.23 |
| METRIC                  | A410-2      | 10 mm | 18 | 0.69 | 25 | 0.98 | 50 | 1.97 |
|                         | A410-3      | 10 mm | 18 | 0.69 | 25 | 0.98 | 75 | 2.95 |
|                         | A410-3.25   | 10 mm | 17 | 0.67 | 25 | 0.98 | 82 | 3.23 |
|                         | A411-3.25   | 11 mm | 19 | 0.73 | 25 | 0.98 | 82 | 3.23 |

Additional types and sizes of fastener tools, as well as custom parts, are available upon request. Contact an AIMCO Customer Service Associate at 1-503-254-6600, or toll free 1-800-852-1368.

| PART NO | HEX | D1<br>MM | D1<br>IN | D2<br>MM | D2<br>IN | L<br>MM | L<br>IN |
|---------|-----|----------|----------|----------|----------|---------|---------|
|---------|-----|----------|----------|----------|----------|---------|---------|

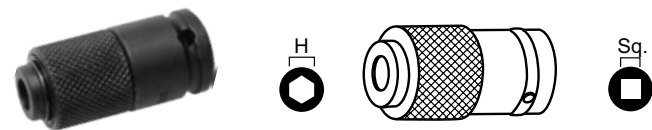
| 1/2" Square Drive, Magnetic |        |       |    |      |    |      |    |      |
|-----------------------------|--------|-------|----|------|----|------|----|------|
|                             | A408MP | 8 mm  | 16 | 0.61 | 25 | 0.98 | 40 | 1.58 |
|                             | A410MP | 10 mm | 18 | 0.69 | 25 | 0.98 | 40 | 1.58 |
|                             | A412MP | 12 mm | 21 | 0.81 | 25 | 0.98 | 40 | 1.58 |

| 3/4" Square Drive |         |        |    |      |    |      |    |      |
|-------------------|---------|--------|----|------|----|------|----|------|
| SAE               | A611/16 | 11/16" | 30 | 1.18 | 44 | 1.73 | 50 | 1.97 |
|                   | A63/4   | 3/4"   | 32 | 1.26 | 44 | 1.73 | 50 | 1.97 |
|                   | A613/16 | 13/16" | 35 | 1.38 | 44 | 1.73 | 50 | 1.97 |
| METRIC            | A614    | 14 mm  | 24 | 0.95 | 38 | 1.50 | 55 | 2.17 |
|                   | A616    | 16 mm  | 27 | 1.06 | 44 | 1.73 | 50 | 1.97 |
|                   | A617    | 17 mm  | 30 | 1.18 | 38 | 1.50 | 55 | 2.17 |

| 3/4" Square Drive, Deep |           |        |    |      |    |      |     |      |
|-------------------------|-----------|--------|----|------|----|------|-----|------|
| SAE                     | A611/16-4 | 11/16" | 31 | 1.22 | 44 | 1.73 | 100 | 3.94 |
|                         | A63/4-4   | 3/4"   | 33 | 1.30 | 44 | 1.73 | 100 | 3.94 |
|                         | A613/16-4 | 13/16" | 36 | 1.42 | 44 | 1.73 | 100 | 3.94 |
| METRIC                  | A617-4    | 17 mm  | 31 | 1.22 | 44 | 1.73 | 100 | 3.94 |
|                         | A618-4    | 18 mm  | 32 | 1.26 | 44 | 1.73 | 100 | 3.94 |
|                         | A619-4    | 19 mm  | 33 | 1.30 | 38 | 1.50 | 100 | 3.94 |

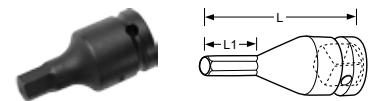
| 1" Square Drive |         |        |    |      |    |      |    |      |
|-----------------|---------|--------|----|------|----|------|----|------|
| SAE             | A87/8   | 7/8"   | 37 | 1.46 | 54 | 2.13 | 59 | 2.32 |
|                 | A815/16 | 15/16" | 38 | 1.50 | 54 | 2.13 | 59 | 2.32 |
|                 | A81     | 1"     | 41 | 1.61 | 54 | 2.13 | 59 | 2.32 |
| METRIC          | A817    | 17 mm  | 31 | 1.22 | 50 | 1.97 | 63 | 2.48 |
|                 | A819    | 19 mm  | 33 | 1.30 | 50 | 1.97 | 63 | 2.48 |
|                 | A821    | 21 mm  | 37 | 1.46 | 50 | 1.97 | 63 | 2.48 |

## QUICK CHANGE CHUCKS



| PART NO      | SQ<br>DRIVE | HEX   | D1<br>MM | D1<br>IN | L<br>MM | L<br>IN |
|--------------|-------------|-------|----------|----------|---------|---------|
| ADC-2S       | 1/4"        | 1/4"  | 19       | 0.75     | 38      | 1.50    |
| ADC-3S       | 3/8"        | 1/4"  | 20       | 0.79     | 42      | 1.65    |
| ADC-4S       | 1/2"        | 1/4"  | 19       | 0.75     | 46      | 1.81    |
| ADC-3SH7/16Z | 3/8"        | 7/16" | 25       | 0.98     | 46      | 1.81    |
| ADC-4SH7/16Z | 1/2"        | 7/16" | 33       | 1.30     | 55      | 2.17    |

## ALLEN SOCKETS



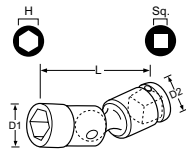
| PART NO | HEX | L1<br>MM | L1<br>IN | L<br>MM | L<br>IN |
|---------|-----|----------|----------|---------|---------|
|---------|-----|----------|----------|---------|---------|

| 3/8" Square Drive |      |    |      |    |      |
|-------------------|------|----|------|----|------|
| A31/4C            | 1/4" | 10 | 0.39 | 42 | 1.65 |
| A304C             | 4 mm | 10 | 0.39 | 42 | 1.65 |

| 1/2" Square Drive |      |    |      |    |      |
|-------------------|------|----|------|----|------|
| A41/4C            | 1/4" | 25 | 0.98 | 50 | 1.97 |
| A405C             | 5 mm | 25 | 0.98 | 50 | 1.97 |

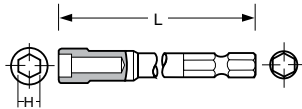
# STANDARD FASTENER TOOLS

## UNIVERSAL SOCKETS



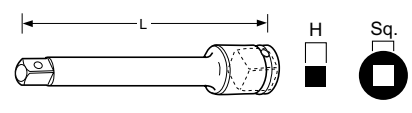
| PART NO                  | HEX   | D1<br>MM | D1<br>IN | D2<br>MM | D2<br>IN | L<br>MM | L<br>IN |
|--------------------------|-------|----------|----------|----------|----------|---------|---------|
| <b>3/8" Square Drive</b> |       |          |          |          |          |         |         |
| A310U                    | 10 mm | 16       | 0.63     | 20       | 0.79     | 55      | 2.17    |
| A311U                    | 11 mm | 16       | 0.63     | 20       | 0.79     | 60      | 2.36    |
| <b>1/2" Square Drive</b> |       |          |          |          |          |         |         |
| A412U                    | 12 mm | 20.5     | 0.81     | 25       | 0.98     | 70      | 2.76    |
| A413U                    | 13 mm | 19       | 0.75     | 24       | 0.95     | 70      | 2.76    |

## NUTSETTERS



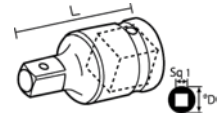
| PART NO     | HEX    | L<br>MM | L<br>IN |
|-------------|--------|---------|---------|
| A3B1/4-2    | 1/4"   | 50      | 1.97    |
| A3B1/4-2.5  | 1/4"   | 63      | 2.50    |
| A3B5/16-2   | 5/16"  | 50      | 1.97    |
| A3B5/16-2.5 | 5/16"  | 63      | 2.50    |
| A3B3/8-2    | 3/8"   | 50      | 1.97    |
| A3B3/8-2.5  | 3/8"   | 63      | 2.50    |
| A3B05-2.75  | 5 mm   | 70      | 2.76    |
| A3B55-1.2   | 5.5 mm | 30      | 1.18    |
| A3B55-2.75  | 5.5 mm | 70      | 2.76    |
| A3B55-4     | 5.5 mm | 100     | 3.94    |
| A3B06-2.75  | 6 mm   | 70      | 2.76    |
| A3B07-1.2   | 7 mm   | 30      | 1.18    |
| A3B07-2     | 7 mm   | 50      | 1.97    |
| A3B07-2.75  | 7 mm   | 70      | 2.76    |
| A3B07-4     | 7 mm   | 100     | 3.94    |
| A3B08-1.2   | 8 mm   | 30      | 1.18    |
| A3B08-2     | 8 mm   | 50      | 1.97    |
| A3B08-2.75  | 8 mm   | 70      | 2.76    |
| A3B08-4     | 8 mm   | 100     | 3.94    |
| A3B08-6     | 8 mm   | 150     | 5.91    |
| A3B08-8     | 8 mm   | 200     | 7.87    |
| A3B09-2.75  | 9 mm   | 70      | 2.76    |
| A3B09-4     | 9 mm   | 100     | 3.94    |
| A3B10-1.2   | 10 mm  | 30      | 1.18    |
| A3B10-2     | 10 mm  | 50      | 1.97    |
| A3B10-2.75  | 10 mm  | 70      | 2.76    |
| A3B11-2.75  | 11 mm  | 70      | 2.76    |
| A3B12-1.2   | 12 mm  | 30      | 1.18    |
| A3B13-2.75  | 13 mm  | 70      | 2.76    |
| A3B14-2.75  | 14 mm  | 70      | 2.76    |
| A3B16-2.75  | 16 mm  | 70      | 2.76    |
| A3B17-2.75  | 17 mm  | 70      | 2.76    |

## EXTENSIONS



| PART NO | SQ<br>DRIVE | HEX    | L<br>MM | L<br>IN | D<br>MM | D<br>IN |
|---------|-------------|--------|---------|---------|---------|---------|
| A375E   | 3/8"        | 3/8"   | 75      | 2.95    | 20      | 0.79    |
| A405E   | 1/2"        | 1/2"   | 51      | 2.01    | 30      | 1.18    |
| A610E   | 3/4"        | 3/4"   | 100     | 3.94    | 44      | 1.73    |
| A810E   | 1"          | 1"     | 102     | 4.02    | 54      | 2.13    |
| A1220E  | 1-1/4"      | 1-1/4" | 200     | 7.87    | 60      | 2.36    |
| A1418E  | 1-1/2"      | 1-1/2" | 178     | 7.01    | 84      | 3.31    |
| A2426E  | 2-1/2"      | 2-1/2" | 264     | 10.39   | 137     | 5.39    |

## SOCKET ADAPTERS



| PART NO | FEMALE<br>SQ. DRIVE | MALE<br>SQ. DRIVE | D<br>MM | D<br>IN | L<br>MM | L<br>IN |
|---------|---------------------|-------------------|---------|---------|---------|---------|
| A302A   | 3/8"                | 1/4"              | 22      | 0.87    | 35      | 1.38    |
| A403A   | 1/2"                | 3/8"              | 25      | 0.98    | 37      | 1.46    |
| A504A   | 5/8"                | 1/2"              | 35      | 1.38    | 47      | 1.46    |
| A604A   | 3/4"                | 1/2"              | 38      | 1.50    | 53      | 2.09    |
| A806A   | 1"                  | 3/4"              | 50      | 1.97    | 70      | 2.76    |
| A128A   | 1-1/4"              | 1"                | 60      | 2.36    | 76      | 2.99    |
| A#508A  | Spline #5           | 1"                | 60      | 2.36    | 90      | 3.54    |

## Bit and Nutsetter Part Number Nomenclature

| Precedes Part Number                     |  | Contained within Part Number            |
|--|--|---|
| <b>BITS</b>                              | A7 = 7/16 Power Drive                        | <b>BITS</b>                             |
| A3S = Phillips® Power Drive              | AS = Electric Type Phillips®                 | PZ = Pozidriv®                          |
| A3W = Double Ended Phillips®             | AM = Electric Type Slotted Phillips®         | PZACR = Pozidriv® ACR®                  |
| A38S = Phillips® Insert                  | ATW = Electric Type Tri-Wing®                | SDV = Supadriv®                         |
| A39S = Phillips® Insert Reduced Nose     | AT = Electric Hios Type Torx®                | TR = Torx® Tamper Resistant             |
| A3M = Slotted Power Drive                | A26S = Electric Driver Socket Head Phillips® | ACRI = ACR® Installation                |
| A38M = Slotted Insert                    | A26M = Electric Driver Slotted Phillips®     | ACR = ACR® Remove                       |
| A3MT = Slotted Power Drive Reduced Nose  | A26C = Electric Driver Allen Socket Head     | ACRB = ACR® 4x4 Both Install and Remove |
| A3C = Allen Socket Head Power Drive      | A3BHM = Insert Bit Holder (Magnetic Type)    | E4 = Electric 4mm diameter              |
| A38C = Allen Socket Head Insert          | A3BHD = Insert Bit Holder (Non Magnetic)     | E5 = Electric 5mm diameter              |
| A3R = Square Recess Power Drive          |  | RS = Reduced Shank                      |
| A3RT = Square Recess Turned Down (Power) | <b>NUTSETTERS</b>                            |   |
| A38R = Square Recess Insert              | A3B = Nutsetter                              |   |
| A3T = Torx® Power Drive                  | A3BMP = Magnetic (MP) Pressed Type           |   |
| A38T = Torx® Insert                      | A3BMS = Magnetic (MS) Spring Loaded          |   |
| A3TS = Torq-Set® Power Drive             | A3BMT = Magnetic (MT) Tube Type              |   |
| A38TS = Torq-Set® Insert                 | A3BU = Universal Nutsetter                   |   |
| A3TA = Triangle Power Drive              |  |   |
| A3TW = Tri-Wing® Power Drive             | <b>MAG-O-NETS</b>                            |   |
| A38TW = Tri-Wing® Insert                 | AM = AIMCO Mag-O-Net®                        |   |

Additional types and sizes of fastener tools, as well as custom parts, are available upon request. Contact an AIMCO Customer Service Associate at 1-503-254-6600, or toll free 1-800-852-1368.

# STANDARD FASTENER TOOLS

## MAG-O-NETS®: A Revolutionary Way to Convert Standard Bits to Magnetic Bits

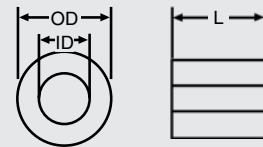
### FEATURES AND BENEFITS

- Easy, cost effective alternative to traditional magnetic bit holder and insert bit combination
- Improves torque transfer by eliminating “wobble effect”
- Easily adjust magnetic attraction by moving Mag-O-Net collar closer to or further from fastener
- Fits virtually any standard screwdriver bit
- Reusable and interchangeable – once a bit is worn out, simply remove your Mag-O-Net and slide it onto the next bit
- Lifetime guarantee on magnetic attraction

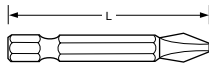


\*U.S. Patent 5861789

| PART NO | INNER DIAMETER (ID) | OUTER DIAMETER (OD) | L MM |
|---------|---------------------|---------------------|------|
| AM1/4Z  | 7 mm                | 19 mm               | 10   |
| AM5Z    | 6 mm                | 17.5 mm             | 10   |
| AM3/16Z | 3/16 in             | 17.5 mm             | 10   |

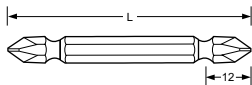


### PHILLIPS POWER BITS



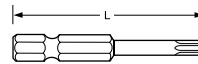
| PART NO   | POINT SIZE | L MM | L IN |
|-----------|------------|------|------|
| A3S0-2    | 0          | 50   | 1.97 |
| A3S1-2    | 1          | 50   | 1.97 |
| A3S1-2.75 | 1          | 70   | 2.76 |
| A3S1-3    | 1          | 75   | 2.95 |
| A3S1-3.5  | 1          | 90   | 3.54 |
| A3S1-4    | 1          | 100  | 3.94 |
| A3S1-6    | 1          | 150  | 5.91 |
| A3S2-1.2  | 2          | 30   | 1.18 |
| A3S2-1.6  | 2          | 40   | 1.57 |
| A3S3-2    | 3          | 50   | 1.97 |
| A3S3-2.75 | 3          | 70   | 2.76 |

#### Double-Ended



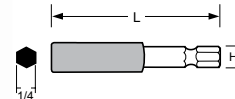
|         |   |     |       |
|---------|---|-----|-------|
| A3W1-3  | 1 | 75  | 2.94  |
| A3W1-4  | 1 | 100 | 3.94  |
| A3W2-2  | 2 | 50  | 1.97  |
| A3W2-3  | 2 | 75  | 2.94  |
| A3W2-4  | 2 | 100 | 3.94  |
| A3W2-6  | 2 | 150 | 5.91  |
| A3W2-8  | 2 | 200 | 7.87  |
| A3W2-10 | 2 | 250 | 9.84  |
| A3W2-12 | 2 | 300 | 11.81 |
| A3W3-2  | 3 | 50  | 1.97  |
| A3W3-3  | 3 | 75  | 2.94  |
| A3W3-4  | 3 | 100 | 3.94  |
| A3W3-6  | 3 | 150 | 5.91  |
| A3W3-8  | 3 | 200 | 7.87  |

### TORX POWER BITS



| PART NO   | TORX SIZE | L MM | L IN |
|-----------|-----------|------|------|
| A3T6-2    | T6        | 50   | 1.97 |
| A3T7-2    | T7        | 50   | 1.97 |
| A3T7-2.75 | T7        | 70   | 2.76 |
| A3T7-3.5  | T7        | 90   | 3.54 |
| A3T7-6    | T7        | 150  | 5.91 |
| A3T8-2    | T8        | 50   | 1.97 |
| A3T9-2.75 | T9        | 70   | 2.76 |

### BIT HOLDERS



| PART NO                   | L MM | L IN |
|---------------------------|------|------|
| <b>1/4" Hex, Magnetic</b> |      |      |
| A3BHM-3                   | 75   | 2.94 |
| A3BHM-4                   | 100  | 3.94 |
| A3BHM-6                   | 150  | 5.91 |
| A3BHM-8                   | 200  | 7.87 |
| A3BHM-10                  | 250  | 9.84 |

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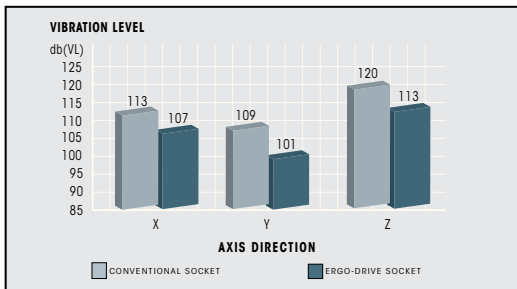
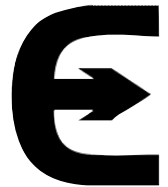
# ERGO-DRIVE SERIES

## ERGO-DRIVE® SOCKETS PROTECT...



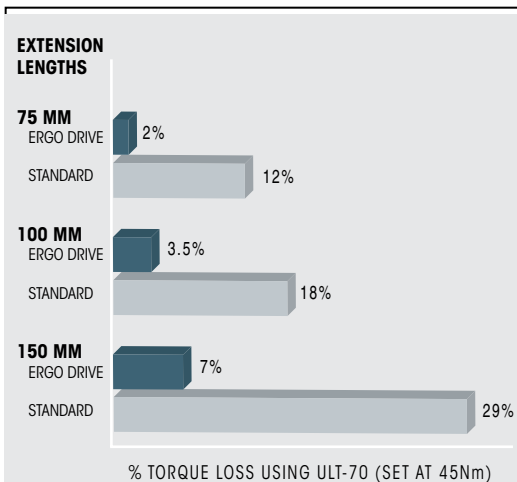
### ...YOUR INVESTMENT!

Pulse tools are an investment and the anvil is the most expensive single part of any pulse tool. ERGO-DRIVE sockets decrease vibration and wear on this critical component.



### ...YOUR ASSEMBLERS!

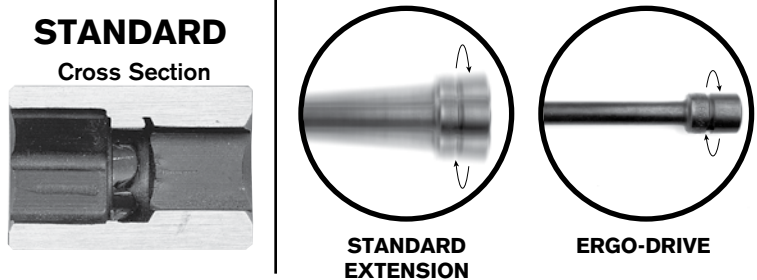
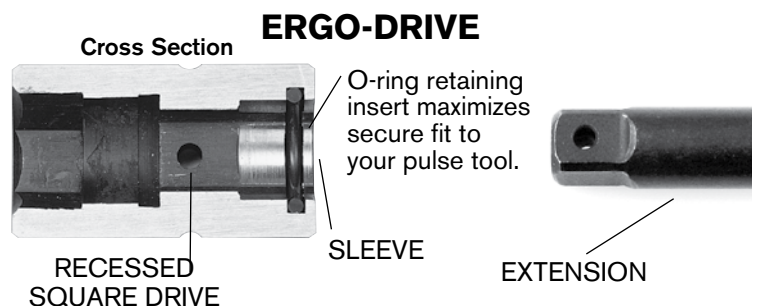
ERGO-DRIVE sockets cause significantly less vibration during fastening than conventional sockets. This allows your assemblers to do their jobs without the worry of vibration related injuries.



### ...YOUR PRODUCTS!

By reducing run-out and vibration, ERGO-DRIVE sockets allow the most repeatable, accurate rundowns to take place, ensuring excellent product quality.

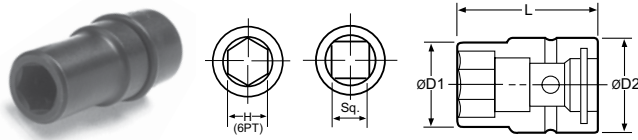
## ERGO-DRIVE VS. STANDARD





# ERGO-DRIVE FASTENER TOOLS

## ERGO-DRIVE SOCKETS



| PART NO | HEX | D1<br>MM | D1<br>IN | D2<br>MM | D2<br>IN | L<br>MM | L<br>IN |
|---------|-----|----------|----------|----------|----------|---------|---------|
|---------|-----|----------|----------|----------|----------|---------|---------|

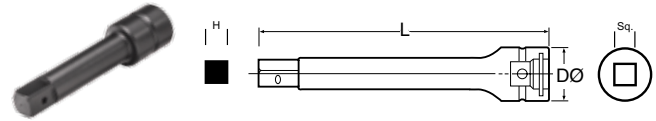
| 3/8" Square Drive |       |    |      |    |      |    |      |
|-------------------|-------|----|------|----|------|----|------|
| A314EDS           | 1/4"  | 10 | 0.39 | 19 | 0.75 | 44 | 1.73 |
| A312EDS           | 1/2"  | 20 | 0.77 | 22 | 0.87 | 44 | 1.73 |
| A306EDS           | 6 mm  | 10 | 0.39 | 19 | 0.75 | 44 | 1.73 |
| A308EDS           | 8 mm  | 14 | 0.55 | 20 | 0.79 | 42 | 1.65 |
| A310EDS           | 10 mm | 17 | 0.65 | 20 | 0.79 | 42 | 1.65 |
| A312EDS           | 12 mm | 20 | 0.79 | 20 | 0.79 | 42 | 1.65 |
| A314EDS           | 14 mm | 22 | 0.87 | 20 | 0.79 | 42 | 1.65 |
| A316EDS           | 16 mm | 25 | 0.98 | 20 | 0.79 | 45 | 1.77 |
| A318EDS           | 18 mm | 27 | 1.06 | 20 | 0.79 | 45 | 1.77 |

| 1/2" Square Drive |       |    |      |    |      |    |      |
|-------------------|-------|----|------|----|------|----|------|
| A412EDS           | 1/2"  | 19 | 0.75 | 25 | 0.98 | 50 | 1.97 |
| A413EDS           | 13 mm | 22 | 0.85 | 25 | 0.98 | 52 | 2.05 |
| A414EDS           | 14 mm | 23 | 0.89 | 25 | 0.98 | 52 | 2.05 |
| A415EDS           | 15 mm | 24 | 0.93 | 25 | 0.98 | 52 | 2.05 |
| A416EDS           | 16 mm | 25 | 0.98 | 25 | 0.98 | 52 | 2.05 |
| A417EDS           | 17 mm | 28 | 1.10 | 28 | 1.10 | 54 | 2.13 |
| A418EDS           | 18 mm | 29 | 1.14 | 28 | 1.10 | 54 | 2.13 |
| A419EDS           | 19 mm | 30 | 1.18 | 28 | 1.10 | 54 | 2.13 |

| 3/4" Square Drive |        |    |      |    |      |    |      |
|-------------------|--------|----|------|----|------|----|------|
| AG1-1/8EDS        | 1-1/8" | 44 | 1.73 | 44 | 1.73 | 64 | 2.52 |
| AG1-1/4EDS        | 1-1/4" | 49 | 1.91 | 44 | 1.73 | 66 | 2.60 |
| AG1-1/2EDS        | 1-1/2" | 57 | 2.24 | 44 | 1.73 | 68 | 2.68 |
| AG18EDS           | 18 mm  | 31 | 1.22 | 44 | 1.73 | 60 | 2.36 |
| AG24EDS           | 24 mm  | 40 | 1.52 | 40 | 1.73 | 65 | 2.36 |

| 1" Square Drive |        |     |      |    |      |     |      |
|-----------------|--------|-----|------|----|------|-----|------|
| A815/16EDS      | 15/16" | 38  | 1.50 | 54 | 2.13 | 69  | 2.72 |
| A8100EDS        | 100 mm | 136 | 5.35 | 76 | 2.99 | 120 | 4.72 |

## ERGO-DRIVE EXTENSIONS



| PART NO | SQ<br>DRIVE | H | L<br>MM | L<br>IN | D<br>MM | D<br>IN |
|---------|-------------|---|---------|---------|---------|---------|
|---------|-------------|---|---------|---------|---------|---------|

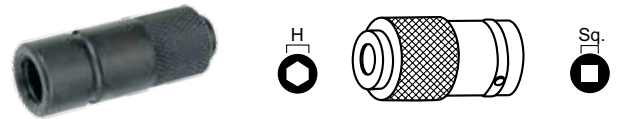
| 3/8" Square Drive |      |      |     |       |    |      |
|-------------------|------|------|-----|-------|----|------|
| A352EDE           | 3/8" | 3/8" | 52  | 2.05  | 20 | 0.79 |
| A3100EDE          | 3/8" | 3/8" | 100 | 3.94  | 20 | 0.79 |
| A375EDE           | 3/8" | 3/8" | 75  | 2.95  | 20 | 0.79 |
| A3150EDE          | 3/8" | 3/8" | 150 | 5.91  | 20 | 0.79 |
| A3190EDE          | 3/8" | 3/8" | 190 | 7.48  | 20 | 0.79 |
| A3254EDE          | 3/8" | 3/8" | 254 | 10.00 | 20 | 0.79 |
| A3300EDE          | 3/8" | 3/8" | 300 | 11.81 | 20 | 0.79 |
| A3320EDE          | 3/8" | 3/8" | 320 | 12.60 | 20 | 0.79 |

| 1/2" Square Drive |      |      |     |       |    |      |
|-------------------|------|------|-----|-------|----|------|
| A464EDE           | 1/2" | 1/2" | 64  | 2.52  | 28 | 1.10 |
| A476EDE           | 1/2" | 1/2" | 76  | 2.99  | 28 | 1.10 |
| A4125EDE          | 1/2" | 1/2" | 125 | 4.92  | 28 | 1.10 |
| A4204EDE          | 1/2" | 1/2" | 204 | 8.03  | 28 | 1.10 |
| A4254EDE          | 1/2" | 1/2" | 254 | 10.00 | 28 | 1.10 |
| A4355EDE          | 1/2" | 1/2" | 355 | 13.98 | 28 | 1.10 |

| 3/4" Square Drive |      |      |     |      |    |      |
|-------------------|------|------|-----|------|----|------|
| A676EDE           | 3/4" | 3/4" | 76  | 2.99 | 40 | 1.58 |
| A6100EDE          | 3/4" | 3/4" | 100 | 3.94 | 40 | 1.58 |
| A6150EDE          | 3/4" | 3/4" | 150 | 5.91 | 40 | 1.58 |
| A6200EDE          | 3/4" | 3/4" | 200 | 7.87 | 40 | 1.58 |

| 1" Square Drive |    |    |     |      |    |      |
|-----------------|----|----|-----|------|----|------|
| A8150EDE        | 1" | 1" | 150 | 5.91 | 54 | 2.13 |
| A8200EDE        | 1" | 1" | 200 | 7.87 | 54 | 2.13 |

## ERGO-DRIVE QUICK CHANGE CHUCKS



| PART NO | SQUARE DRIVE | HEX |
|---------|--------------|-----|
|---------|--------------|-----|

| 3/8" Square Drive |      |       |
|-------------------|------|-------|
| ADC-3SEDSQ        | 3/8" | 1/4"  |
| ADC-3SEDSQH7/16   | 3/8" | 7/16" |

| 1/2" Square Drive |      |       |
|-------------------|------|-------|
| ADC-4SEDSQ        | 1/2" | 1/4"  |
| ADC-4SEDSQH7/16   | 1/2" | 7/16" |

Additional types and sizes of fastener tools, as well as custom parts, are available upon request. Contact an AIMCO Customer Service Associate at 1-503-254-6600, or toll free 1-800-852-1368.

# CUSTOM BITS, SOCKETS, AND EXTENSIONS

## CUSTOM BITS, SOCKETS, AND EXTENSIONS FOR THE POWER TOOL USER

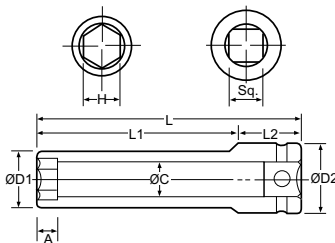
AIMCO can provide specials for virtually any application. From design to delivery, AIMCO's quick response ensures high quality, tight tolerance specials.

### Specials are available in every style including:

- Deep Socket
- Extended Socket
- Universal
- Allen Head
- Torx Head
- Socket Adapter
- Nut Runner Socket
- Nut Runner Joint
- Nutsetter
- Magnetic Nutsetter
- Universal Nutsetter
- Screwdriver Bits



Sample request forms are shown. Your detailed requirements will allow AIMCO to quickly respond with custom solutions for your fastening requirements.



| MAGNET |    |    |
|--------|----|----|
| MP     | MT | MS |
| •      | •  | •  |
| •      | •  | •  |

### SOCKET

|      | H | L | L <sub>1</sub> | L <sub>2</sub> | A | ØC | ØD <sub>1</sub> | ØD <sub>2</sub> | Sq. |
|------|---|---|----------------|----------------|---|----|-----------------|-----------------|-----|
| SIZE | • | • | •              | •              | • | •  | •               | •               | •   |
| TYPE | • | • | •              | •              | • | •  | •               | •               | •   |

# SPECIAL PARTS

## SOCKET TYPES



DOUBLE HEX D (12 PT) (DH)



SURFACE DRIVE (SF)



DOUBLE SQUARE (DSQ)



FLANK DRIVE (FD)



SINGLE HEX H (6 PT) (SH)



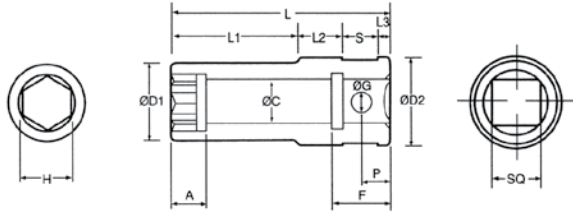
FAST LEAD (FL)



SINGLE SQUARE (SQ)



HEX LOBULE (TORX)

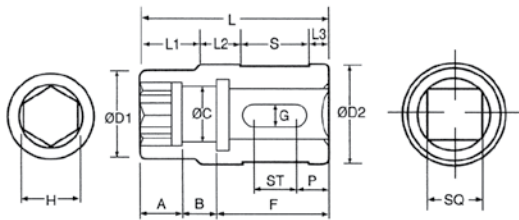


**NUTRUNNER SOCKET TYPE A**

Min. Qty. 10

| Magnet<br>MP MT MS | H | L | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | S | ØD <sub>1</sub> | A | ØC | ØG | P | F | ØD <sub>2</sub> | Sq. | Qty. |
|--------------------|---|---|----------------|----------------|----------------|---|-----------------|---|----|----|---|---|-----------------|-----|------|
| SIZE               |   |   |                |                |                |   |                 |   |    |    |   |   |                 |     |      |
| TYPE               |   |   |                |                |                |   |                 |   |    |    |   |   |                 |     |      |

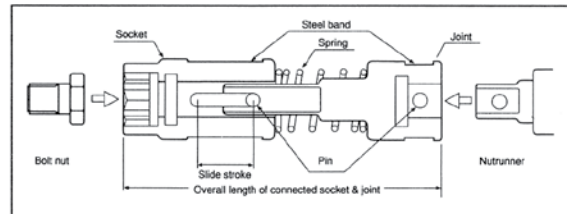
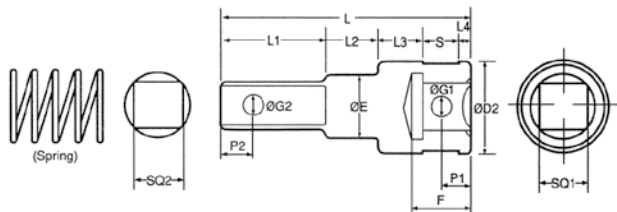
√ Box for Ergo-Drive



**NUTRUNNER SOCKET TYPE B**

Min. Qty. 10

| H    | L | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | S | ØD <sub>1</sub> | A | B | ØC | G | P | F | ST | ØD <sub>2</sub> | Sq. | Qty. |
|------|---|----------------|----------------|----------------|---|-----------------|---|---|----|---|---|---|----|-----------------|-----|------|
| SIZE |   |                |                |                |   |                 |   |   |    |   |   |   |    |                 |     |      |
| TYPE |   |                |                |                |   |                 |   |   |    |   |   |   |    |                 |     |      |

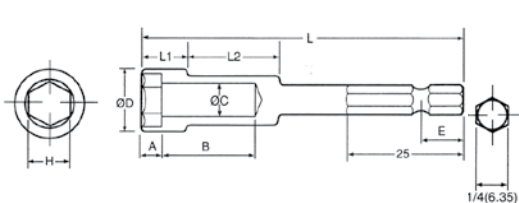


**NUTRUNNER JOINT TYPE B**

Min. Qty. 10

| SQ <sub>2</sub> | L | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | S | P <sub>1</sub> | ØG <sub>2</sub> | ØE | F | ØG <sub>1</sub> | P <sub>2</sub> | ØD <sub>2</sub> | SQ <sub>1</sub> | Qty. |
|-----------------|---|----------------|----------------|----------------|----------------|---|----------------|-----------------|----|---|-----------------|----------------|-----------------|-----------------|------|
|                 |   |                |                |                |                |   |                |                 |    |   |                 |                |                 |                 |      |

√ Box for Ergo-Drive



**NUT SETTER**

Min. Qty. 10

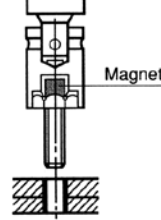
| H    | ØD | L | E | L <sub>1</sub> | L <sub>2</sub> | A | B | ØC | Qty. |
|------|----|---|---|----------------|----------------|---|---|----|------|
| SIZE |    |   |   |                |                |   |   |    |      |
| TYPE |    |   |   |                |                |   |   |    |      |



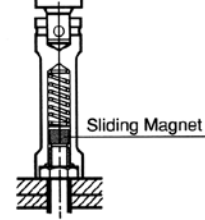
# SPECIAL PARTS

## MAGNETIC STYLES:

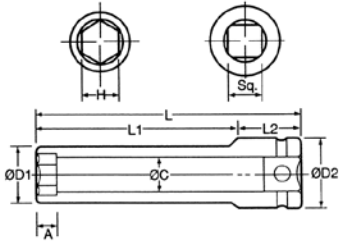
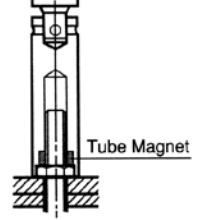
MP (Press-inserted) Type



MS (Sliding) Type



MT (Tube) Type

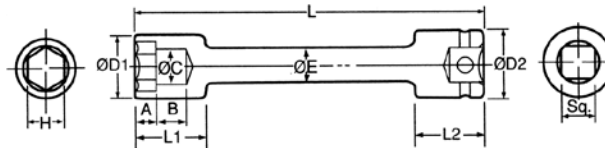


## SOCKET

Min. Qty. 10

| Magnet |    |    | H | L | L <sub>1</sub> | L <sub>2</sub> | A | ØC | ØD <sub>1</sub> | ØD <sub>2</sub> | Sq. | Qty. |
|--------|----|----|---|---|----------------|----------------|---|----|-----------------|-----------------|-----|------|
| MP     | MT | MS |   |   |                |                |   |    |                 |                 |     |      |
| SIZE   |    |    |   |   |                |                |   |    |                 |                 |     |      |
| TYPE   |    |    |   |   |                |                |   |    |                 |                 |     |      |

√ Box for Ergo-Drive

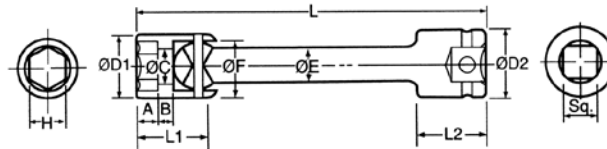


## EXTENSION SOCKET

Min. Qty. 10

| Magnet |    |    | H | L | L <sub>1</sub> | L <sub>2</sub> | A | B | ØC | ØD <sub>1</sub> | ØD <sub>2</sub> | ØE | Sq. | Qty. |
|--------|----|----|---|---|----------------|----------------|---|---|----|-----------------|-----------------|----|-----|------|
| MP     | MT | MS |   |   |                |                |   |   |    |                 |                 |    |     |      |
| SIZE   |    |    |   |   |                |                |   |   |    |                 |                 |    |     |      |
| TYPE   |    |    |   |   |                |                |   |   |    |                 |                 |    |     |      |

√ Box for Ergo-Drive



## UNIVERSAL SOCKET

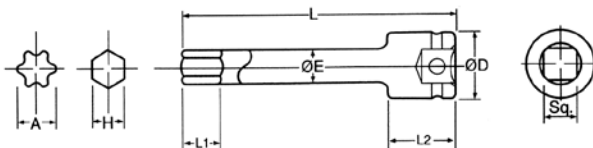
Min. Qty. 10

| Magnet |    |    | H | L | L <sub>1</sub> | L <sub>2</sub> | A | B | ØC | ØD <sub>1</sub> | ØD <sub>2</sub> | ØE | ØF | Sq. | Qty. |
|--------|----|----|---|---|----------------|----------------|---|---|----|-----------------|-----------------|----|----|-----|------|
| MP     | MT | MS |   |   |                |                |   |   |    |                 |                 |    |    |     |      |
| SIZE   |    |    |   |   |                |                |   |   |    |                 |                 |    |    |     |      |
| TYPE   |    |    |   |   |                |                |   |   |    |                 |                 |    |    |     |      |

√ Box for Ergo-Drive

## ALLEN HEAD/TORX HEAD

Min. Qty. 10

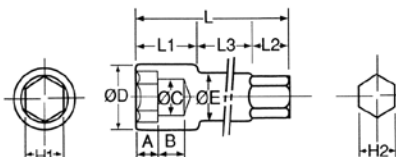


| Torx | H | L | L <sub>1</sub> | L <sub>2</sub> | ØD | ØE | Sq. | Qty. |
|------|---|---|----------------|----------------|----|----|-----|------|
|      |   |   |                |                |    |    |     |      |
|      |   |   |                |                |    |    |     |      |
|      |   |   |                |                |    |    |     |      |

√ Box for Ergo-Drive

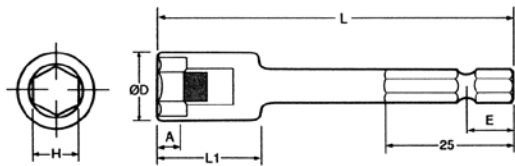
## SOCKET ADAPTER

Min. Qty. 10



| H <sub>1</sub> | L | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | ØD | A | B | ØC | ØE | H <sub>2</sub> | Qty. |
|----------------|---|----------------|----------------|----------------|----|---|---|----|----|----------------|------|
|                |   |                |                |                |    |   |   |    |    |                |      |
|                |   |                |                |                |    |   |   |    |    |                |      |
|                |   |                |                |                |    |   |   |    |    |                |      |

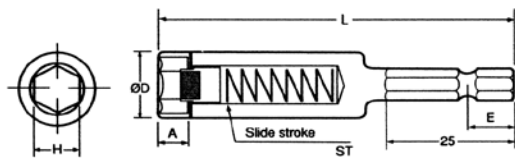
# SPECIAL PARTS



## (MP) MAGNETIC NUT SETTER

Min. Qty. 10

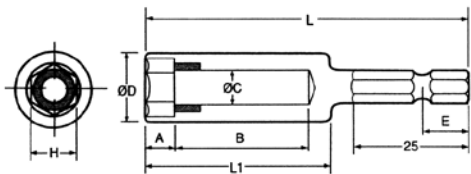
|      | H | L | E | L <sub>1</sub> | ∅D | A | Qty. |
|------|---|---|---|----------------|----|---|------|
| SIZE |   |   |   |                |    |   |      |
| TYPE |   |   |   |                |    |   |      |



## (MS) MAGNETIC NUT SETTER

Min. Qty. 10

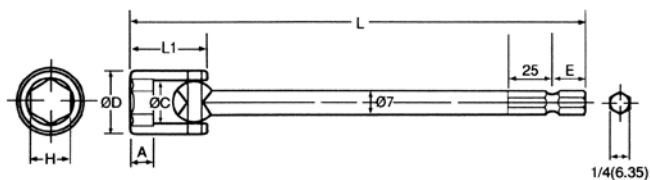
|      | H | L | E | ∅D | A | ST | Qty. |
|------|---|---|---|----|---|----|------|
| SIZE |   |   |   |    |   |    |      |
| TYPE |   |   |   |    |   |    |      |



## (MT) MAGNETIC NUT SETTER

Min. Qty. 10

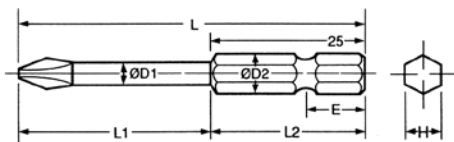
|      | H | L | E | L <sub>1</sub> | ∅D | A | B | ∅C | Qty. |
|------|---|---|---|----------------|----|---|---|----|------|
| SIZE |   |   |   |                |    |   |   |    |      |
| TYPE |   |   |   |                |    |   |   |    |      |



## UNIVERSAL NUT SETTER

Min. Qty. 10

|  | H | L | E | L <sub>1</sub> | A | ∅C | ∅D | Qty. |
|--|---|---|---|----------------|---|----|----|------|
|  |   |   |   |                |   |    |    |      |



## SCREWDRIVER BIT

Min. Qty. 500

| Point Size | L | L <sub>1</sub> | L <sub>2</sub> | ∅D <sub>1</sub> | ∅D <sub>2</sub> | E | H | Qty. |
|------------|---|----------------|----------------|-----------------|-----------------|---|---|------|
|            |   |                |                |                 |                 |   |   |      |

CIRCLE ONE:



# CONVERSION CHARTS

## Fraction ■ Decimal ■ Metric Conversions (to .32)

|      | DECIMAL | MM     |       | DECIMAL | MM      |       | DECIMAL | MM      |       | DECIMAL | MM      |
|------|---------|--------|-------|---------|---------|-------|---------|---------|-------|---------|---------|
| 1/32 | .03125  | .7938  | 9/32  | .28125  | 7.1438  | 17/32 | .53125  | 13.4938 | 25/32 | .78125  | 19.8438 |
| 1/16 | .0625   | 1.5875 | 5/16  | .3125   | 7.9375  | 9/16  | .5625   | 14.2875 | 13/16 | .8125   | 20.6375 |
| 3/32 | .09375  | 2.3812 | 11/32 | .34375  | 8.7312  | 19/32 | .59375  | 15.0812 | 27/32 | .84375  | 21.4312 |
| 1/8  | .125    | 3.175  | 3/8   | .375    | 9.525   | 5/8   | .625    | 15.875  | 7/8   | .875    | 22.225  |
| 5/32 | .15625  | 3.9688 | 13/32 | .40625  | 10.3188 | 21/32 | .65625  | 16.6688 | 29/32 | .90625  | 23.0188 |
| 3/16 | .1875   | 4.7625 | 7/16  | .4375   | 11.1125 | 11/16 | .6875   | 17.4625 | 15/16 | .9375   | 23.8125 |
| 7/32 | .21875  | 5.5562 | 15/32 | .46875  | 11.9062 | 23/32 | .71875  | 18.2562 | 31/32 | .96875  | 24.6062 |
| 1/4  | .25     | 6.35   | 1/2   | .5      | 12.7    | 3/4   | .75     | 19.05   | 1     | 1.0     | 25.4    |

## Thread Size to Hex Size



|         | MM  |       | MM  | UNC   | INCHES  | SAE   | INCHES  |
|---------|-----|-------|-----|-------|---------|-------|---------|
| M 2     | 4   | M 27  | 41  | 1/4   | 7/16    | 1/4   | 7/16    |
| M 2.3   | 4.5 | M 30  | 46  | 5/16  | 1/2     | 5/16  | 1/2     |
| M 2.6   | 5   | M 33  | 50  | 3/8   | 9/16    | 3/8   | 9/16    |
| M 3     | 5.5 | M 36  | 55  | 7/16  | 11/16   | 7/16  | 5/8     |
| M 3.5   | 6   | M 39  | 60  | 1/2   | 3/4     | 1/2   | 3/4     |
| M 4     | 7   | M 42  | 65  | 9/16  | 7/8     | 9/16  | 7/8     |
| M 5     | 8   | M 45  | 70  | 5/8   | 15/16   | 5/8   | 15/16   |
| (M 5-6) | 9   | M 48  | 75  | 3/4   | 1-1/8   | 3/4   | 1-1/16  |
| M 6     | 10  | M 52  | 80  | 7/8   | 1-5/16  | 7/8   | 1-1/4   |
| M 7     | 11  | M 56  | 85  | 1     | 1-1/2   | 1-1/8 | 1-7/16  |
| M 8     | 13  | M 60  | 90  | 1-1/8 | 1-11/16 | 1-1/4 | 1-13/16 |
| (M 8)   | 14  | M 64  | 95  | 1-1/4 | 1-7/8   | 1-3/8 | 2       |
| M 10    | 16  | M 68  | 100 | 1-3/8 | 2-1/16  | 1-1/2 | 2-3/16  |
| (M 10)  | 17  | M 72  | 105 | 1-1/2 | 2-1/4   |       |         |
| M 12    | 18  | M 76  | 110 | 1-3/4 | 2-5/8   |       |         |
| (M 12)  | 19  | M 80  | 115 | 2     | 3       |       |         |
| M 14    | 21  | M 85  | 120 | 2-1/4 | 3-3/8   |       |         |
| (M 14)  | 22  | M 90  | 130 | 2-1/2 | 3-3/4   |       |         |
| M 16    | 24  | M 95  | 135 |       |         |       |         |
| M 18    | 27  | M 100 | 145 |       |         |       |         |
| M 20    | 30  | M 105 | 150 |       |         |       |         |
| (M 22)  | 32  | M 110 | 155 |       |         |       |         |
| M 22    | 34  | M 115 | 165 |       |         |       |         |
| M 24    | 36  | M 120 | 170 |       |         |       |         |

## Torque Conversion Factors

| UNITS TO BE CONVERTED |         | SAE    |         | METRIC |        |         | INTERNATIONAL SYSTEM - S.I. |       |        |
|-----------------------|---------|--------|---------|--------|--------|---------|-----------------------------|-------|--------|
|                       | OZF-IN  | LBF-IN | LBF-FT  | GF-CM  | KGF-CM | KGF-M   | MNM                         | CNM   | NM     |
| 1 ozf-in              | = 1     | 0.0625 | 0.005   | 72     | 0.072  | 0.0007  | 7.062                       | 0.706 | 0.007  |
| 1 lbf-in              | = 16    | 1      | 0.083   | 1152.1 | 1.152  | 0.0115  | 113                         | 11.3  | 0.113  |
| 1 lbf-ft              | = 192   | 12     | 1       | 13826  | 13.83  | 0.138   | 1356                        | 135.6 | 1.356  |
| 1 gf-cm               | = 0.014 | 0.0009 | 0.00007 | 1      | 0.001  | 0.00001 | 0.098                       | 0.01  | 0.0001 |
| 1 kgf-cm              | = 13.89 | 0.868  | 0.072   | 1000   | 1      | 0.01    | 98.07                       | 9.807 | 0.098  |
| 1 kgf-m               | = 1389  | 86.8   | 7.233   | 100000 | 100    | 1       | 9807                        | 980.7 | 9.807  |
| 1 mN-m                | = 0.142 | 0.009  | 0.0007  | 10.2   | 0.01   | 0.0001  | 1                           | 0.1   | 0.001  |
| 1 cN-m                | = 1.42  | 0.088  | 0.007   | 102    | 0.102  | 0.001   | 10                          | 1     | 0.01   |
| 1 N-m                 | = 141.6 | 8.851  | 0.738   | 10197  | 10.20  | 0.102   | 1000                        | 100   | 1      |

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