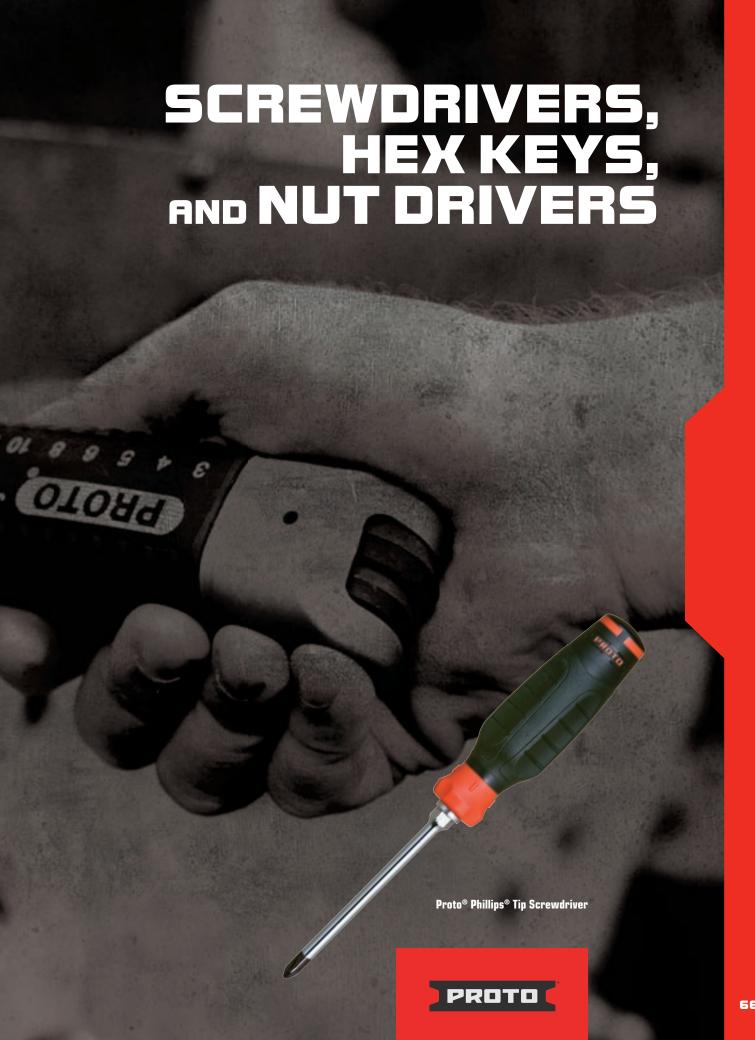


# A GOOD SCREWDRIVER IS A TOOL YOU CAN USE ALL DAY AND NOT TIRE OF IT.

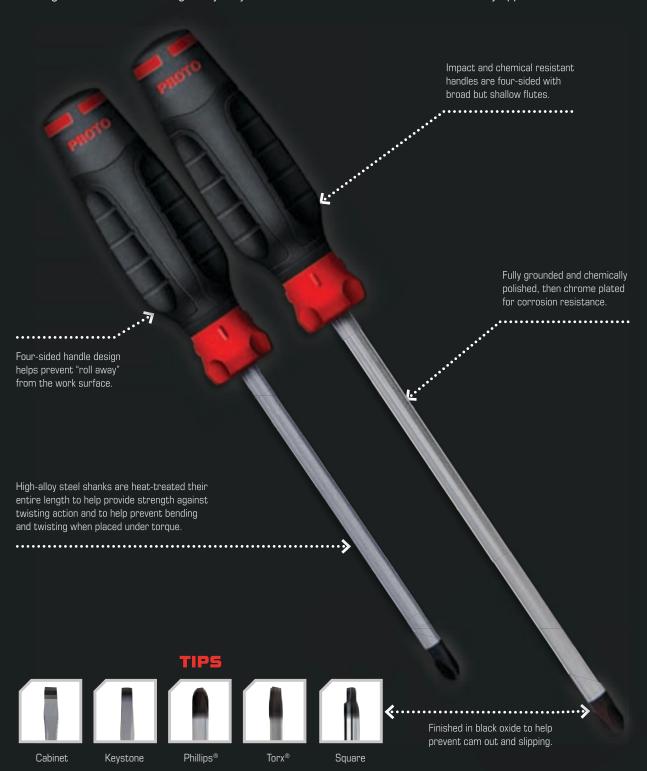
It fits your hand. It has a certain heft. It's balanced. At Proto®, we craft professional grade screwdrivers and nut drivers with a full range of tip and drive variations. We make them with round and square steel alloy shanks, heat-treated along their entire length. We include features that enhance performance, for example, cross-ground slotted tips that don't climb out of screw slots. And we make specialty variations, like our fully insulated, 1,000 volt line which prevents hock and is tested by hand. Pick up a Proto® driver and you won't want to put it down.





# **PROTO® SCREWDRIVERS**

- Ergonomically designed quad-lobe handle design with 360° texture for additional grip.
- Designed to meet demanding heavy-duty needs of industrial maintenance and assembly applications.



# SCREWDRIVER GUIDE

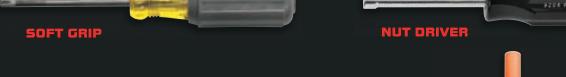




















# FEATURES AND BENEFITS — QUAD-LOBE

- Ergonomically designed quad-lobe handle design with 360° texture for additional grip.
- Designed to meet demanding heavy-duty needs of industrial maintenance and assembly applications.

- Impact and chemical resistant handles are four-sided with broad but shallow flutes.
- Resistant to most harsh chemicals (including hydraulic fluids used in the aerospace industry).
- > Four-sided handle design helps prevent "roll away" from the work surface.

- High-alloy steel shanks are heat-treated their entire length to help provide strength against twisting action and to help prevent bending and twisting when placed under torque.
- Fully grounded and chemically polished, then chrome plated for corrosion resistance.

- Made of high-alloy steel (same as shank)
- Precision machined for precise fastener fit.
- Finished in black oxide to help prevent cam out and slipping.
- Tips are un-plated with a black oxide finish to help prevent chrome peeling; an important Foreign Object Debris (FOD) concern.



Ergonomically designed handle design for improved grip



Black oxide tip prevents chrome peeling

# SCREWDRIVER PRODUCT NUMBER IDENTIFICATION

Proto®'s item numbering system for screwdrivers is designed to make it easy for users to identify the tool that has the size and configuration that best meets their needs.

# **EXAMPLE:**



#### **Part Number Kev**

Feature Code - Series (1st Position)

P = Phillips®

C = Cabinet

K = Keystone

S = Square

 $T = Torx^{\otimes}$ 

N = Nut Driver

H = Hex

Z = Pozi

Feature Code - Series (2nd Position)

B = Bolster

P = Precision

Tip Size

**Bar Length** 

Feature Code - Bar Style

R = Round Bar S = Square Bar

Feature Code - Special Feature

P = Polish

H = Hollow

#### 19 PIECE COMBINATION PROTO SCREWDRIVER SET

# Product #: J1219SC

• Quad-lobe features apply. (See pages 670 or 676)





| Contents | Description  | Tip<br>Size | Tips      | Shank Length<br>(in) (L1) | Shank<br>Type | Overall<br>Length (in) | ASME Spec.    |
|----------|--|-------------|-----------|---------------------------|---------------|------------------------|---------------|
| JCP1803R | Screwdriver, Slotted Cabinet, Round 1/8" x 3"              | 1/8         | Cabinet   | 3                         | Round         | 5                      | ASME B107.600 |
| JCP1804R | Screwdriver, Slotted Cabinet, Round1/8" x 4"               | 1/8         | Cabinet   | 4                         | Round         | 6                      | ASME B107.600 |
| JCP1808R | Screwdriver, Slotted Cabinet, Round 1/8" x 8"              | 1/8         | Cabinet   | 8                         | Round         | 10                     | ASME B107.600 |
| JC31604R | Screwdriver, Slotted Cabinet, Round 3/16" x 4"             | 3/16        | Cabinet   | 4                         | Round         | 7                      | ASME B107.600 |
| JK31604S | Screwdriver, Slotted Keystone, Square 3/16" x 4"           | 3/16        | Keystone  | 4                         | Square        | 7                      | ASME B107.600 |
| JC31608R | Screwdriver, Slotted Cabinet, Round 3/16" x 8"             | 3/16        | Cabinet   | 8                         | Round         | 11                     | ASME B107.600 |
| JK14112R | Screwdriver, Slotted Keystone, Round, Stubby 1/4" x 1-1/2" | 1/4         | Keystone  | 1-1/2                     | Round         | 3-1/2                  | ASME B107.600 |
| JK1404S  | Screwdriver, Slotted Keystone, Square 1/4" x 4"            | 1/4         | Keystone  | 4                         | Square        | 8                      | ASME B107.600 |
| JK51606S | Screwdriver, Slotted Keystone, Square 5/16" x 6"           | 5/16        | Keystone  | 6                         | Square        | 10                     | ASME B107.600 |
| JK3808S  | Screwdriver, Slotted Keystone, Square 3/8" x 8"            | 3/8         | Keystone  | 8                         | Square        | 13                     | ASME B107.600 |
| JK3812S  | Screwdriver, Slotted Keystone, Square Bar 3/8" x 12"       | 3/8         | Keystone  | 12                        | Square        | 17                     | ASME B107.600 |
| JPP0003R | Screwdriver, Phillips® Round #0 x 3"                       | 0           | Phillips® | 3                         | Round         | 5-3/4                  | ASME B107.600 |
| JP0103R  | Screwdriver, Phillips® Round #1 x 3"                       | 1           | Phillips® | 3                         | Round         | 6-3/4                  | ASME B107.600 |
| JP0108R  | Screwdriver, Phillips® Round #1 x 8"                       | 1           | Phillips® | 8                         | Round         | 11-3/4                 | ASME B107.600 |
| JP02112R | Screwdriver, Phillips® Round Stubby #2 x 1-1/2"            | 2           | Phillips® | 1-1/2                     | Round         | 3-1/2                  | ASME B107.600 |
| JP0204R  | Screwdriver, Phillips® Round #2 x 4"                       | 2           | Phillips® | 4                         | Round         | 8                      | ASME B107.600 |
| JP0208R  | Screwdriver, Phillips® Round #2 x 8"                       | 2           | Phillips® | 8                         | Round         | 12                     | ASME B107.600 |
| JP0306R  | Screwdriver, Phillips® Round #3 x 6"                       | 3           | Phillips® | 6                         | Round         | 10-3/8                 | ASME B107.600 |
| JP0408R  | Screwdriver, Phillips® Round #4 x 8"                       | 4           | Phillips® | 8                         | Round         | 13                     | ASME B107.600 |

# Product #: J1208SC

Quad-lobe features apply. (See pages 670 or 676)





| Contents | Description                                     | Tip<br>Size | Tips      | Shank Length<br>(in) (L1) | Shank<br>Type | Overall<br>Length (in) | ASME Spec.    |
|----------|---|-------------|-----------|---------------------------|---------------|------------------------|---------------|
| JC31603R | Screwdriver, Slotted Cabinet, Round 3/16" x 3"  | 3/16        | Cabinet   | 3                         | Round         | 6                      | ASME B107.600 |
| JC31604R | Screwdriver, Slotted Cabinet, Round 3/16" x 4"  | 3/16        | Cabinet   | 4                         | Round         | 7                      | ASME B107.600 |
| JC31605R | Screwdriver, Slotted Cabinet, Round 3/16" x 5"  | 3/16        | Cabinet   | 5                         | Round         | 8                      | ASME B107.600 |
| JK1404R  | Screwdriver, Slotted Keystone, Round 1/4" x 4"  | 1/4         | Keystone  | 4                         | Round         | 8                      | ASME B107.600 |
| JK51606R | Screwdriver, Slotted Keystone, Round 5/16" x 6" | 5/16        | Keystone  | 6                         | Round         | 10-3/8                 | ASME B107.600 |
| JP0103R  | Screwdriver, Phillips® Round #1 x 3"            | 1           | Phillips® | 3                         | Round         | 6-3/4                  | ASME B107.600 |
| JP0204R  | Screwdriver, Phillips® Round #2 x 4"            | 2           | Phillips® | 4                         | Round         | 8                      | ASME B107.600 |
| JP0306R  | Screwdriver, Phillips® Round #3 x 6"            | 3           | Phillips® | 6                         | Round         | 10-3/8                 | ASME B107.600 |

# **8 PIECE COMBINATION PROTO' SCREWDRIVER SET**

# Product #: J1208SCP

Quad-lobe features apply. (See pages 670 or 676)



Delayed Availability Representative Image

|            |   | Tip  |           | Length (in) | Shank |         | Length |               |
|------------|---|------|-----------|-------------|-------|---------|--------|---------------|
| Contents   | Description                                     | Size | Tips      | (L1)        | Type  | Bolster | (in)   | ASME Spec.    |
| JK14112RP  | Screwdriver, Slotted, Round 1/4" x 1-1/2"       | 1/4  | Keystone  | 1-1/2       | Round | -       | 3-1/2  | ASME B107.600 |
| JKB31603RP | Screwdriver, Slotted Keystone, Round 3/16" x 3" | 3/16 | Keystone  | 3           | Round | Yes     | 6-3/4  | ASME B107.600 |
| JKB1404RP  | Screwdriver, Slotted Keystone, Round 1/4" x 4"  | 1/4  | Keystone  | 4           | Round | Yes     | 8      | ASME B107.600 |
| JKB51606RP | Screwdriver, Slotted Keystone, Round 5/16" x 6" | 5/16 | Keystone  | 6           | Round | Yes     | 10-3/8 | ASME B107.600 |
| JKB3808RP  | Screwdriver, Slotted Keystone, Round 3/8" x 8"  | 3/8  | Keystone  | 8           | Round | Yes     | 13     | ASME B107.600 |
| JP02112RP  | Screwdriver, Phillips® Stubby #2 x 1-1/2"       | 2    | Phillips® | 1-1/2       | Round | -       | 3-1/2  | ASME B107.600 |
| JPB0103RP  | Screwdriver, Phillips® Round #1 x 3"            | 1    | Phillips® | 3           | Round | Yes     | 6-3/4  | ASME B107.600 |
| JPB0204RP  | Screwdriver, Phillips® Round #2 x 4"            | 2    | Phillips® | 4           | Round | Yes     | 8      | ASME B107.600 |

Overall

Delayed Availability

# **6 PIECE COMBINATION PROTO' SCREWDRIVER SET**

# Product #: J1206SCP

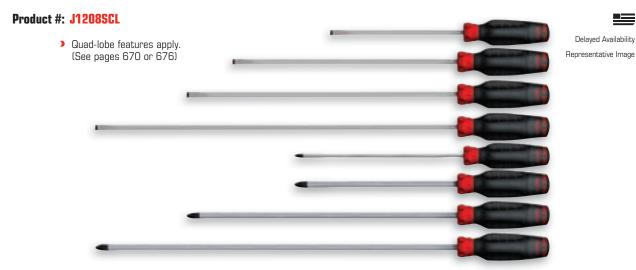
Quad-lobe features apply. (See pages 670 or 676)





| Contents   | Description  | Tip<br>Size | Tips                  | Snank<br>Length (in)<br>(L1) | Shank<br>Type | Bolster | Overall<br>Length (in) | ASME Spec.    |
|------------|--|-------------|-----------------------|------------------------------|---------------|---------|------------------------|---------------|
| JKB31603RP | Screwdriver, Slotted Keystone, Round 3/16" x 3" $$     | 3/16        | Keystone              | 3                            | Round         | Yes     | 6-3/4                  | ASME B107.600 |
| JKB1404RP  | Screwdriver, Slotted Keystone, Round 1/4" x 4"         | 1/4         | Keystone              | 4                            | Round         | Yes     | 8                      | ASME B107.600 |
| JKB51606RP | Screwdriver, Slotted Keystone, Round $5/16" \times 6"$ | 5/16        | Keystone              | 6                            | Round         | Yes     | 10-3/8                 | ASME B107.600 |
| JPB0103RP  | Screwdriver, Phillips® Round #1 x 3"                   | 1           | Phillips®             | 3                            | Round         | Yes     | 6-3/4                  | ASME B107.600 |
| JPB0204RP  | Screwdriver, Phillips® Round #2 x 4"                   | 2           | Phillips <sup>®</sup> | 4                            | Round         | Yes     | 8                      | ASME B107.600 |
| JPB0306RP  | Screwdriver, Phillips® Round #3 x 6"                   | 3           | Phillips <sup>®</sup> | 6                            | Round         | Yes     | 10-3/8                 | ASME B107.600 |

# **8 PIECE LONG COMBINATION PROTO' SCREWDRIVER SET**



| Contents | Description                                    | Tip<br>Size | Tips                  | Shank Length<br>(in) (L1) | Shank<br>Type | Bolster | Overall<br>Length (in) | ASME Spec.    |
|----------|--|-------------|-----------------------|---------------------------|---------------|---------|------------------------|---------------|
| JC31606R | Screwdriver, Slotted Cabinet, Round 3/16" x 6" | 3/16        | Cabinet               | 6                         | Round         | _       | 9                      | ASME B107.600 |
| JC1410R  | Screwdriver, Slotted Cabinet, Round 1/4" x 10" | 1/4         | Cabinet               | 10                        | Round         | _       | 14                     | ASME B107.600 |
| JC1412R  | Screwdriver, Slotted Cabinet, Round1/4" x 12"  | 1/4         | Cabinet               | 12                        | Round         | -       | 16                     | ASME B107.600 |
| JC1416R  | Screwdriver, Slotted Cabinet, Round 1/4" x 16" | 1/4         | Cabinet               | 16                        | Round         | _       | 20                     | ASME B107.600 |
| JP0108R  | Screwdriver, Phillips® Round #1 x 8"           | 1           | Phillips <sup>®</sup> | 8                         | Round         | -       | 11-3/4                 | ASME B107.600 |
| JP0208R  | Screwdriver, Phillips® Round #2 x 8"           | 2           | Phillips®             | 8                         | Round         | -       | 12                     | ASME B107.600 |
| JP0212R  | Screwdriver, Phillips® Round #2 x 12"          | 2           | Phillips®             | 12                        | Round         | Yes     | 16                     | ASME B107.600 |
| JP0216R  | Screwdriver, Phillips® Round #2 x 16"          | 2           | Phillips®             | 16                        | Round         | Yes     | 20                     | ASME B107.600 |

# 2 PIECE EXTRA-LONG COMBINATION PROTO SCREWDRIVER SET

# Product #: J1202SCXL

Quad-lobe features apply. (See pages 670 or 676)



Delayed Availability Representative Image



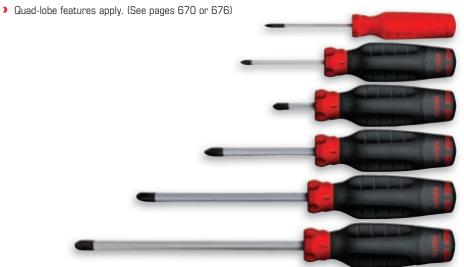
| Contents | Description                                     | Tip<br>Size | Tips      | Shank Length<br>(in) (L1) | Shank Type | Overall<br>Length (in) | ASME Spec.    |
|----------|---|-------------|-----------|---------------------------|------------|------------------------|---------------|
| JK1424R  | Screwdriver, Slotted Keystone, Round 1/4" x 24" | 1/4         | Keystone  | 24                        | Round      | 28-1/2                 | ASME B107.600 |
| JP0224R  | Screwdriver, Phillips® Round #2 x 24"           | 2           | Phillips® | 24                        | Round      | 28-1/2                 | ASME B107.600 |

# **6 PIECE PHILLIPS' PROTO' SCREWDRIVER SET**

# Product #: J1206SP



Delayed Availability Representative Image



| Contents | Description                                      | Tip<br>Size | Tips      | Shank Length<br>(in) (L1) | Shank Type | Overall<br>Length (in) | ASME Spec.    |
|----------|--|-------------|-----------|---------------------------|------------|------------------------|---------------|
| JPP0003R | Screwdriver, Phillips® Round #0 x 3"             | 0           | Phillips® | 3                         | Round      | 5-3/4                  | ASME B107.600 |
| JP0103R  | Screwdriver, Phillips® Round #1 x 3"             | 1           | Phillips® | 3                         | Round      | 6-3/4                  | ASME B107.600 |
| JP02112R | Screwdriver, Phillips® Round, Stubby #2 x 1-1/2" | 2           | Phillips® | 1-1/2                     | Round      | 3-1/2                  | ASME B107.600 |
| JP0204R  | Screwdriver, Phillips® Round #2 x 4"             | 2           | Phillips® | 4                         | Round      | 8                      | ASME B107.600 |
| JP0306R  | Screwdriver, Phillips® Round #3 x 6"             | 3           | Phillips® | 6                         | Round      | 10-3/8                 | ASME B107.600 |
| JP0408R  | Screwdriver, Phillips® Round #4 x 8"             | 4           | Phillips® | 8                         | Round      | 13                     | ASME B107.600 |

# **6 PIECE SLOTTED PROTO® SCREWDRIVER SET**

# Product #: J1206SSF



| Contents | Description  | Tip<br>Size | Tips     | Shank Length<br>(in) (L1) | Shank<br>Type | Overall<br>Length<br>(in) | ASME Spec.    |
|----------|--|-------------|----------|---------------------------|---------------|---------------------------|---------------|
| JK31604S | Screwdriver, Slotted Keystone, Square 3/16" x 4"           | 3/16        | Keystone | 4                         | Square        | 7                         | ASME B107.600 |
| JK14112R | Screwdriver, Slotted Keystone, Round, Stubby 1/4" x 1-1/2" | 1/4         | Keystone | 1-1/2                     | Round         | 3-1/2                     | ASME B107.600 |
| JK1404S  | Screwdriver, Slotted Keystone, Square 1/4" x 4"            | 1/4         | Keystone | 4                         | Square        | 8                         | ASME B107.600 |
| JK51606S | Screwdriver, Slotted Keystone, Square 5/16" x 6"           | 5/16        | Keystone | 6                         | Square        | 10                        | ASME B107.600 |
| JK3808S  | Screwdriver, Slotted Keystone, Square 3/8" x 8"            | 3/8         | Keystone | 8                         | Square        | 13                        | ASME B107.600 |
| JK3812S  | Screwdriver, Slotted Keystone, Square 3/8" x 12"           | 3/8         | Keystone | 12                        | Square        | 17                        | ASME B107.600 |

# **6 PIECE SLOTTED PROTO® SCREWDRIVER SET**



| Co | ontents | Description  | Tip<br>Size | Tips     | Shank Length<br>(in) (L1) | Shank<br>Type | Overall<br>Length (in) | ASME Spec.    |
|----|---------|--|-------------|----------|---------------------------|---------------|------------------------|---------------|
| JC | C31604R | Screwdriver, Slotted Cabinet, Round 3/16" x 4"             | 3/16        | Cabinet  | 4                         | Round         | 7                      | ASME B107.600 |
| Jŀ | (14112R | Screwdriver, Slotted Keystone, Round, Stubby 1/4" x 1-1/2" | 1/4         | Keystone | 1-1/2                     | Round         | 3-1/2                  | ASME B107.600 |
| Jŀ | <1404R  | Screwdriver, Slotted Keystone, Round 1/4" x 4"             | 1/4         | Keystone | 4                         | Round         | 8                      | ASME B107.600 |
| Jŀ | (51606R | Screwdriver, Slotted Keystone, Round 5/16" x 6"            | 5/16        | Keystone | 6                         | Round         | 10-3/8                 | ASME B107.600 |
| Jŀ | (3808R  | Screwdriver, Slotted Keystone, Round 3/8" x 8"             | 3/8         | Keystone | 8                         | Round         | 13                     | ASME B107.600 |
| Jŀ | (3810R  | Screwdriver, Slotted Keystone, Round 3/8" x 10"            | 3/8         | Keystone | 10                        | Round         | 11                     | ASME B107.600 |

Delayed Availability

#### 9 PIECE TORX' PROTO' SCREWDRIVER SET

#### Product #: J1209ST

Quad-lobe features apply. (See pages 670 or 676)





| Contents | Description                           | Tip Size | Tips  | Shank Length (in) (L1) | Shank Type | Overall Length (in) |
|----------|---------------------------------------|----------|-------|------------------------|------------|---------------------|
| JT8314R  | Screwdriver, Torx® Round T8 x 3-1/2"  | T8       | Torx® | 3-1/4                  | Round      | 7                   |
| JT10314R | Screwdriver, Torx® Round T10 x 3-1/2" | T10      | Torx® | 3-1/4                  | Round      | 7                   |
| JT15314R | Screwdriver, Torx® Round T15 x 3-1/2" | T15      | Torx® | 3-1/4                  | Round      | 7                   |
| JT20314R | Screwdriver, Torx® Round T20 x 3-1/2" | T20      | Torx® | 3-1/4                  | Round      | 7                   |
| JT25314R | Screwdriver, Torx® Round T25 x 3-1/2" | T25      | Torx® | 3-1/4                  | Round      | 7                   |
| JT27314R | Screwdriver, Torx® Round T27 x 4"     | T27      | Torx® | 4                      | Round      | 8                   |
| JT30314R | Screwdriver, Torx® Round T30 x 4"     | T30      | Torx® | 4                      | Round      | 8                   |
| JT40314R | Screwdriver, Torx® Round T40 x 6"     | T40      | Torx® | 6                      | Round      | 10-3/8              |
| JT45314R | Screwdriver, Torx® Round T45 x 6"     | T45      | Torx® | 6                      | Round      | 10-3/8              |

# FEATURES AND BENEFITS — QUAD-LOBE

- Ergonomically designed quad-lobe handle design with 360° texture for additional grip.
- Designed to meet demanding heavy-duty needs of industrial maintenance and assembly applications.

- Impact and chemical resistant handles are four-sided with broad but shallow flutes.
- Resistant to most harsh chemicals (including hydraulic fluids used in the aerospace industry).
- Four-sided handle design helps prevent "roll away" from the work surface.

#### SHANK

- High-alloy steel shanks are heat-treated their entire length to help provide strength against twisting action and to help prevent bending and twisting when placed under torque.
- Fully grounded and chemically polished, then chrome plated for corrosion resistance.

- Made of high-alloy steel (same as shank).
- Precision machined for precise fastener fit.
- Finished in black oxide to help prevent cam out and slipping.
- Tips are un-plated with a black oxide finish to help prevent chrome peeling; an important Foreign Object Debris (FOD) concern.



Ergonomically designed handle design for improved grip



Black oxide tip prevents chrome peeling





Delayed Availability

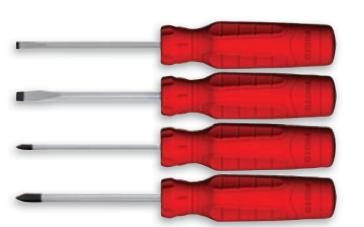
Delayed Availability

Delayed Availability

# 4 PIECE PRECISION COMBINATION PROTO SCREWDRIVER SET

# Product #: J1204SC

Quad-lobe features apply. (See pages 670 or 676)

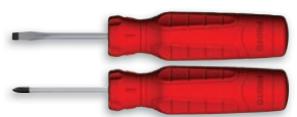


|           |  | Tip  |                       | Shank Length |            | Overall     |               |
|-----------|--|------|-----------------------|--------------|------------|-------------|---------------|
| Contents  | Description                                    | Size | Tips                  | (in) (L1)    | Shank Type | Length (in) | ASME Spec.    |
| JCP1803R  | Screwdriver, Slotted Cabinet, Round 1/8" x 3"  | 1/8  | Cabinet               | 3            | Round      | 5           | ASME B107.600 |
| JCP31603R | Screwdriver, Slotted Cabinet, Round 3/16" x 3" | 3/16 | Cabinet               | 3            | Round      | 6-5/16      | ASME B107.600 |
| JPP0003R  | Screwdriver, Phillips® Round #0 x 3"           | 0    | Phillips <sup>®</sup> | 3            | Round      | 5-3/4       | ASME B107.600 |
| JPP0103R  | Screwdriver, Phillips® Round #1 x 3"           | 1    | Phillips®             | 3            | Round      | 6-5/16      | ASME B107.600 |

# 2 PIECE PRECISION COMBINATION PROTO SCREWDRIVER SET

# Product #: J1202SC

Quad-lobe features apply. (See pages 670 or 676)



|   | e le le la |
|---|--|
| _ | PINCELEDITION                                  |
|   |  |

|          |   | Tip  |           | Shank Length |            | Overall     |               |
|----------|---|------|-----------|--------------|------------|-------------|---------------|
| Contents | Description                                   | Size | Tips      | (in) (L1)    | Shank Type | Length (in) | ASME Spec.    |
| JCP1802R | Screwdriver, Slotted Cabinet, Round 1/8" x 2" | 1/8  | Cabinet   | 2            | Round      | 4           | ASME B107.600 |
| JPP0002R | Screwdriver, Phillips® Round #0 x 2"          | 0    | Phillips® | 2            | Round      | 4-1/2       | ASME B107.600 |

# **3 PIECE SQUARE TIP PROTO® SCREWDRIVER SET**

# Product #: J1203SS

Quad-lobe features apply. (See pages 670 or 676)



| Contents | Description                | Tip Size | Tips   | Shank Length (in) (L1) | Shank Type | Overall Length (in) |
|----------|----------------------------|----------|--------|------------------------|------------|---------------------|
| JS0105R  | Screwdriver, Square 1 x 5" | 1        | Square | 5                      | Round      | 9-1/4               |
| JS0205R  | Screwdriver, Square 2 x 5" | 2        | Square | 5                      | Round      | 9-1/4               |
| JS0305R  | Screwdriver, Square 3 x 5" | 3        | Square | 5                      | Round      | 9-1/4               |



# PROTO<sup>®</sup> SCREWDRIVERS

- Ergonomically designed quad-lobe handle design with 360° texture for additional grip.
- Designed to meet demanding heavy-duty needs of industrial maintenance and assembly applications.

- Impact and chemical resistant handles are foursided with broad but shallow flutes.
- Resistant to most harsh chemicals (including hydraulic fluids used in the aerospace industry).
- > Four-sided handle design helps prevent "roll away" from the work surface.

#### SHANK

- ▶ High-alloy steel shanks are heat-treated their entire length to help provide strength against twisting action and to help prevent bending and twisting when placed under torque.
- ▶ Fully grounded and chemically polished, then chrome plated for corrosion resistance.

- Made of high-alloy steel (same as shank).
- Precision machined for precise fastener fit.
- Finished in black oxide to help prevent cam out and slipping.
- Tips are un-plated with a black oxide finish to help prevent chrome peeling; an important Foreign Object Debris (FOD) concern.



Delayed Availability Representative Image

| Product #  | Tip Size | Tips      | Shank Length (in) (L1) | Shank<br>Type | Bolster | Overall Length (in) (L) | ASME Spec.    |
|------------|----------|-----------|------------------------|---------------|---------|-------------------------|---------------|
| JK1404R    | 1/4      | Keystone  | 4                      | Round         | -       | 8                       | ASME B107.600 |
| JKB31603RP | 3/16     | Keystone  | 3                      | Round         | Yes     | 6-3/4                   | ASME B107.600 |
| JKB51606RP | 5/16     | Keystone  | 6                      | Round         | Yes     | 10-3/8                  | ASME B107.600 |
| JK51606R   | 5/16     | Keystone  | 6                      | Round         | -       | 10-3/8                  | ASME B107.600 |
| JK1406R    | 1/4      | Keystone  | 6                      | Round         | -       | 10                      | ASME B107.600 |
| JK51604R   | 5/16     | Keystone  | 4                      | Round         | -       | 8-3/8                   | ASME B107.600 |
| JK51608R   | 5/16     | Keystone  | 8                      | Round         | -       | 12-3/8                  | ASME B107.600 |
| JKB3808RP  | 3/8      | Keystone  | 8                      | Round         | Yes     | 13                      | ASME B107.600 |
| JK3808R    | 3/8      | Keystone  | 8                      | Round         | -       | 13                      | ASME B107.600 |
| JK3810R    | 3/8      | Keystone  | 10                     | Round         | -       | 11                      | ASME B107.600 |
| JK3812R    | 3/8      | Keystone  | 12                     | Round         | -       | 17                      | ASME B107.600 |
| JK1404S    | 1/4      | Keystone  | 4                      | Square        | -       | 8                       | ASME B107.600 |
| JK51606S   | 5/16     | Keystone  | 6                      | Square        | -       | 10                      | ASME B107.600 |
| JK3808S    | 3/8      | Keystone  | 8                      | Square        | -       | 13                      | ASME B107.600 |
| JK3812S    | 3/8      | Keystone  | 12                     | Square        | -       | 17                      | ASME B107.600 |
| JK31604S   | 3/16     | Keystone  | 4                      | Square        | -       | 7                       | ASME B107.600 |
| JCP1803R   | 1/8      | Cabinet   | 3                      | Round         | -       | 5                       | ASME B107.600 |
| JCP1804R   | 1/8      | Cabinet   | 4                      | Round         |         | 6                       | ASME B107.600 |
| JCP1808R   | 1/8      | Cabinet   | 8                      | Round         | -       | 10                      | ASME B107.600 |
| JC31604R   | 3/16     | Cabinet   | 4                      | Round         |         | 7                       | ASME B107.600 |
| JC31608R   | 3/16     | Cabinet   | 8                      | Round         | -       | 11                      | ASME B107.600 |
| JC31603R   | 3/16     | Cabinet   | 3                      | Round         | -       | 6                       | ASME B107.600 |
| JC31605R   | 3/16     | Cabinet   | 5                      | Round         | -       | 8                       | ASME B107.600 |
| JCP1802R   | 1/8      | Cabinet   | 2                      | Round         | -       | 4                       | ASME B107.600 |
| JC1416R    | 1/4      | Cabinet   | 16                     | Round         | -       | 20                      | ASME B107.600 |
| JC1412R    | 1/4      | Cabinet   | 12                     | Round         |         | 16                      | ASME B107.600 |
| JC31612R   | 3/16     | Cabinet   | 12                     | Round         | -       | 15                      | ASME B107.600 |
| JC31610R   | 3/16     | Cabinet   | 10                     | Round         | -       | 13                      | ASME B107.600 |
| JC31606R   | 3/16     | Cabinet   | 6                      | Round         | -       | 9                       | ASME B107.600 |
| JCP1806R   | 1/8      | Cabinet   | 6                      | Round         | _       | 8                       | ASME B107.600 |
| JC1410R    | 1/4      | Cabinet   | 10                     | Round         | -       | 14                      | ASME B107.600 |
| JPP0003R   | 0        | Phillips® | 3                      | Round         | -       | 5-3/4                   | ASME B107.600 |
| JPB0204RP  | 2        | Phillips® | 4                      | Round         | Yes     | 8                       | ASME B107.600 |
| JP0204R    | 2        | Phillips® | 4                      | Round         | _       | 8                       | ASME B107.600 |





| Product # | Tip Size | Tips      | Shank Length (in) (L1) | Shank<br>Type | Bolster | Overall Length (in) (L) | ASME Spec.    |
|-----------|----------|-----------|------------------------|---------------|---------|-------------------------|---------------|
| JPB0306RP | 3        | Phillips® | 6                      | Round         | Yes     | 10-3/8                  | ASME B107.600 |
| JP0306R   | 3        | Phillips® | 6                      | Round         | _       | 10-3/8                  | ASME B107.600 |
| JP0408R   | 4        | Phillips® | 8                      | Round         | _       | 13                      | ASME B107.600 |
| JPB0103RP | 1        | Phillips® | 3                      | Round         | Yes     | 6-3/4                   | ASME B107.600 |
| JP0103R   | 1        | Phillips® | 3                      | Round         | _       | 6-3/4                   | ASME B107.600 |
| JP0108R   | 1        | Phillips® | 8                      | Round         | _       | 11-3/4                  | ASME B107.600 |
| JP0208R   | 2        | Phillips® | 8                      | Round         | _       | 12                      | ASME B107.600 |
| JPP0002R  | 0        | Phillips® | 2                      | Round         | _       | 4-1/2                   | ASME B107.600 |
| JP0212R   | 2        | Phillips® | 12                     | Round         | Yes     | 16                      | ASME B107.600 |
| JP0216R   | 2        | Phillips® | 16                     | Round         | Yes     | 20                      | ASME B107.600 |
| JK14112R  | 1/4      | Keystone  | 1-1/2                  | Round         | _       | 3-1/2                   | ASME B107.600 |
| JP02112RP | 2        | Phillips® | 1-1/2                  | Round         | -       | 3-1/2                   | ASME B107.600 |
| JP02112R  | 2        | Phillips® | 1-1/2                  | Round         | -       | 3-1/2                   | ASME B107.600 |
| JP0224R   | 2        | Phillips® | 24                     | Round         | _       | 28-1/2                  | ASME B107.600 |
| JK1424R   | 1/4      | Keystone  | 24                     | Round         | -       | 28-1/2                  | ASME B107.600 |
| JCP31603R | 3/16     | Cabinet   | 3                      | Round         | _       | 6-5/16                  | ASME B107.600 |
| JPP0103R  | 1        | Phillips® | 3                      | Round         | -       | 6-5/16                  | ASME B107.600 |
| JS0105R   | 1        | Square    | 5                      | Round         | _       | 9-1/4                   | _             |
| JS0205R   | 2        | Square    | 5                      | Round         | -       | 9-1/4                   | -             |
| JS0305R   | 3        | Square    | 5                      | Round         | -       | 9-1/4                   | -             |
| JT8314R   | T8       | Torx®     | 3-1/4                  | Round         | -       | 7                       | -             |
| JT10314R  | T10      | Torx®     | 3-1/4                  | Round         | -       | 7                       | -             |
| JT15314R  | T15      | Torx®     | 3-1/4                  | Round         | -       | 7                       | -             |
| JT20314R  | T20      | Torx®     | 3-1/4                  | Round         | -       | 7                       | -             |
| JT25314R  | T25      | Torx®     | 3-1/4                  | Round         | -       | 7                       | -             |
| JT27314R  | T27      | Torx®     | 4                      | Round         | -       | 8                       | -             |
| JT30314R  | T30      | Torx®     | 4                      | Round         | -       | 8                       | -             |
| JT40314R  | T40      | Torx®     | 6                      | Round         | -       | 10-3/8                  | -             |
| JT45314R  | T45      | Torx®     | 6                      | Round         | -       | 10-3/8                  | -             |
| JKB1404RP | 1/4      | Keystone  | 4                      | Round         | Yes     | 8                       | ASME B107.600 |
| JK14112RP | 1/4      | Keystone  | 1-1/2                  | Round         | _       | 3-1/2                   | ASME B107.600 |



# SCREWDRIVER PRODUCT NUMBER IDENTIFICATION

Proto®'s item numbering system for screwdrivers is designed to make it easy for users to identify the tool that has the size and configuration that best meets their needs.

# EXAMPLE: JPB0408RP

#### **Part Number Key**

Feature Code - Series (1st Position)

 $P = Phillips^{\mathbb{R}}$  C = Cabinet

K = Keystone

S = Square

 $T = Torx^{\tiny{\circledR}}$ 

N = Nut Driver

H = Hex Z = Pozi

Feature Code - Series (2nd Position)

B = Bolster

P = Precision

Tip Size

Bar Length

Feature Code - Bar Style

R = Round Bar S = Square Bar

Feature Code - Special Feature

P = Polish

H = Hollow



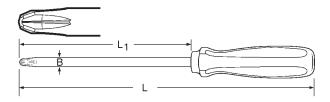
# **Product #: J88819**



- Precision machined tips for precise fastener fit.
- ▶ Alloy steel shanks heat-treated for strength.
- ▶ Weight (lbs): 4.65



|          |  | Tip<br>Size |           | Shank Length | Shank  | Overall<br>Length (in) | Weight |               |
|----------|--|-------------|-----------|--------------|--------|------------------------|--------|---------------|
| Contents | Description  | (B)         | Tips      | (in) (L1)    | Туре   | (L)                    | (lbs)  | ASME Spec.    |
| J88203   | Screwdriver, Slotted Cabinet, Round 1/8" x 3"      | 1/8         | Cabinet   | 3            | Round  | 6-3/8                  | 0.05   | ASME B107.600 |
| J88204   | Screwdriver, Cabinet Slotted, Round 1/8" x 4"      | 1/8         | Cabinet   | 4            | Round  | 7-1/4                  | 0.05   | ASME B107.600 |
| J88208   | Screwdriver, Slotted Cabinet, Round 1/8" x 8"      | 1/8         | Cabinet   | 8            | Round  | 12                     | 0.05   | ASME B107.600 |
| J88214   | Screwdriver, Slotted Cabinet, Round 3/16" x 4"     | 3/16        | Cabinet   | 4            | Round  | 8                      | 0.14   | ASME B107.600 |
| J88218   | Screwdriver, Slotted Cabinet, Round 3/16" x 8"     | 3/16        | Cabinet   | 8            | Round  | 12                     | 0.17   | ASME B107.600 |
| J88002   | Screwdriver, Slotted Keystone, Round 1/4" x 1-1/2" | 1/4         | Keystone  | 1-1/2        | Round  | 3-3/4                  | 0.15   | ASME B107.600 |
| J88322   | Screwdriver, Phillips® Round, Stubby #2 x 1-1/2"   | 2           | Phillips® | 1-1/2        | Round  | 3-3/4                  | 0.10   | ASME B107.600 |
| J88393   | Screwdriver, Phillips® Round #0 x 3"               | 0           | Phillips® | 3            | Round  | 6-3/8                  | 0.05   | ASME B107.600 |
| J88313   | Screwdriver, Phillips® Round #1 x 3"               | 1           | Phillips® | 3            | Round  | 6-7/8                  | 0.12   | ASME B107.600 |
| J88318   | Screwdriver, Phillips® Round #1 x 8"               | 1           | Phillips® | 8            | Round  | 12                     | 0.20   | ASME B107.600 |
| J88324   | Screwdriver, Phillips® Round #2 x 4"               | 2           | Phillips® | 4            | Round  | 8-1/4                  | 0.21   | ASME B107.600 |
| J88328   | Screwdriver, Phillips® Round #2 x 8"               | 2           | Phillips® | 8            | Round  | 12-1/2                 | 0.27   | ASME B107.600 |
| J88336   | Screwdriver, Phillips® Round #3 x 6"               | 3           | Phillips® | 6            | Round  | 10-5/16                | 0.36   | ASME B107.600 |
| J88348   | Screwdriver, Phillips® Round #4 x 8"               | 4           | Phillips® | 8            | Round  | 12-5/16                | 0.52   | ASME B107.600 |
| J88102   | Screwdriver, Slotted Keystone, Square 1/4" x 4"    | 1/4         | Keystone  | 4            | Square | 8-1/2                  | 0.23   | ASME B107.600 |
| J88106   | Screwdriver, Slotted Keystone, Square 5/16" x 6"   | 5/16        | Keystone  | 6            | Square | 10-7/8                 | 0.40   | ASME B107.600 |
| J88108   | Screwdriver, Slotted Keystone, Square 3/8" x 8"    | 3/8         | Keystone  | 8            | Square | 13                     | 0.55   | ASME B107.600 |
| J88112   | Screwdriver, Slotted Keystone, Square 3/8" x 12"   | 3/8         | Keystone  | 12           | Square | 17                     | 0.73   | ASME B107.600 |
| J88104   | Screwdriver, Slotted Keystone, Square 3/16" x 3"   | 3/16        | Keystone  | 3            | Square | 7                      | 0.13   | ASME B107.600 |





680



# **6 PIECE SLOTTED SUPER PROTO' SCREWDRIVER SET**

# **Product #: J88816**

- > Tri-lobed handle made from Bi-Material, helps prevent hand slipping.
- Precision machined tips for precise fastener fit.
- ▶ Alloy steel shanks heat-treated for strength.
- > Weight (lbs): 2.64



| Contents | Description  | Tip<br>Size<br>(B) | Tips     | ShankLength<br>(in) (L1) | Shank<br>Type | Overall<br>Length<br>(in) (L) | Weight<br>(lbs) | ASME Spec.    |
|----------|--|--------------------|----------|--------------------------|---------------|-------------------------------|-----------------|---------------|
| J88002   | Screwdriver, Slotted Keystone, Round 1/4" x 1-1/2" | 1/4                | Keystone | 1-1/2                    | Round         | 3-3/4                         | 0.15            | ASME B107.600 |
| J88102   | Screwdriver, Slotted Keystone, Square 1/4" x 1/4"  | 1/4                | Keystone | 4                        | Square        | 8-1/2                         | 0.23            | ASME B107.600 |
| J88104   | Screwdriver, Slotted Keystone, Square 3/16" x 3"   | 3/16               | Keystone | 3                        | Square        | 7                             | 0.13            | ASME B107.600 |
| J88106   | Screwdriver, Slotted Keystone, Square 5/16" x 6"   | 5/16               | Keystone | 6                        | Square        | 10-7/8                        | 0.40            | ASME B107.600 |
| J88108   | Screwdriver, Slotted Keystone, Square 3/8" x 8"    | 3/8                | Keystone | 8                        | Square        | 13                            | 0.55            | ASME B107.600 |
| J88112   | Screwdriver, Slotted Keystone, Square 3/8" x 12"   | 3/8                | Keystone | 12                       | Square        | 17                            | 0.73            | ASME B107.600 |

# **6 PIECE SLOTTED SUPER PROTO® SCREWDRIVER SET**

# Product #: J88806

- > Tri-lobed handle made from Bi-Material, helps prevent hand slipping.
- > Precision machined tips for precise fastener fit.
- ▶ Alloy steel shanks heat-treated for strength.
- Weight (lbs): 2.34



|          |  | Tip         |          |                           |               | Overall            |                 |               |
|----------|--|-------------|----------|---------------------------|---------------|--------------------|-----------------|---------------|
| Contents | Description  | Size<br>(B) | Tips     | Shank Length<br>(in) (L1) | Shank<br>Type | Length<br>(in) (L) | Weight<br>(lbs) | ASME Spec.    |
| J88002   | Screwdriver, Slotted Keystone, Round 1/4" x 1-1/2" | 1/4         | Keystone | 1-1/2                     | Round         | 3-3/4              | 0.15            | ASME B107.600 |
| J88004   | Screwdriver, Slotted Keystone, Round 1/4" x 4"     | 1/4         | Keystone | 4                         | Round         | 8-1/4              | 0.21            | ASME B107.600 |
| J88006   | Screwdriver, Slotted Keystone, Round 5/16" x 6"    | 5/16        | Keystone | 6                         | Round         | 10-5/16            | 0.35            | ASME B107.600 |
| J88008   | Screwdriver, Slotted Keystone, Round 3/8" x 8"     | 3/8         | Keystone | 8                         | Round         | 12-3/4             | 0.50            | ASME B107.600 |
| J88010   | Screwdriver, Slotted Keystone, Round 3/8" x 10"    | 3/8         | Keystone | 10                        | Round         | 14-3/4             | 0.58            | ASME B107.600 |
| J88214   | Screwdriver, Slotted Cabinet, Round 3/16" x 4"     | 3/16        | Cabinet  | 4                         | Round         | 8                  | 0.14            | ASME B107.600 |

# Product #: J88814

- Tri-lobed handle made from Bi-Material, helps prevent hand slipping.
- ▶ Precision machined tips for precise fastener fit.
- Alloy steel shanks heat-treated for strength.
- ▶ Weight (lbs): 1.76



|          |  | Tip<br>Size | _        | Shank Length | Shank  | Overall<br>Length | Weight |               |
|----------|--|-------------|----------|--------------|--------|-------------------|--------|---------------|
| Contents | Description                                      | (B)         | Tips     | (in) (L1)    | Type   | (in) (L)          | (lbs)  | ASME Spec.    |
| J88103   | Screwdriver, Slotted Keystone, Square 1/4" x 3"  | 1/4         | Keystone | 3            | Square | 7-1/2             | 0.23   | ASME B107.600 |
| J88104   | Screwdriver, Slotted Keystone, Square 3/16" x 3" | 3/16        | Keystone | 3            | Square | 7                 | 0.13   | ASME B107.600 |
| J88106   | Screwdriver, Slotted Keystone, Square 5/16" x 6" | 5/16        | Keystone | 6            | Square | 10-7/8            | 0.40   | ASME B107.600 |
| J88108   | Screwdriver, Slotted Keystone, Square 3/8" x 8"  | 3/8         | Keystone | 8            | Square | 13                | 0.55   | ASME B107.600 |

# **8 PIECE COMBINATION SUPER PROTO® SCREWDRIVER SET**

# **Product #: J88808**

- Tri-lobed handle made from Bi-Material, helps prevent hand slipping.
- > Precision machined tips for precise fastener fit.
- ▶ Alloy steel shanks heat-treated for strength.
- ▶ Weight (lbs): 2.00



| Contents | Description                                     | Tip<br>Size<br>(B) | Tips                  | Shank Length<br>(in) (L1) | Shank<br>Type | Overall<br>Length (in)<br>(L) | Weight<br>(lbs) | ASME Spec.    |
|----------|---|--------------------|-----------------------|---------------------------|---------------|-------------------------------|-----------------|---------------|
| J88004   | Screwdriver, Slotted Keystone, Round 1/4" x 4"  | 1/4                | Keystone              | 4                         | Round         | 8-1/4                         | 0.21            | ASME B107.600 |
| J88006   | Screwdriver, Slotted Keystone, Round 5/16" x 6" | 5/16               | Keystone              | 6                         | Round         | 10-5/16                       | 0.35            | ASME B107.600 |
| J88213   | Screwdriver, Slotted Cabinet, Round 3/16" x 3"  | 3/16               | Cabinet               | 3                         | Round         | 7-7/8                         | 0.14            | ASME B107.600 |
| J88214   | Screwdriver, Slotted Cabinet, Round 3/16" x 4"  | 3/16               | Cabinet               | 4                         | Round         | 8                             | 0.14            | ASME B107.600 |
| J88215   | Screwdriver, Slotted Cabinet, Round 3/16" x 5"  | 3/16               | Cabinet               | 5                         | Round         | 8-7/8                         | 0.14            | ASME B107.600 |
| J88313   | Screwdriver, Phillips® Round #1 x 3"            | 1                  | Phillips <sup>®</sup> | 3                         | Round         | 6-7/8                         | 0.12            | ASME B107.600 |
| J88324   | Screwdriver, Phillips® Round #2 x 4"            | 2                  | Phillips <sup>®</sup> | 4                         | Round         | 8-1/4                         | 0.21            | ASME B107.600 |
| J88336   | Screwdriver, Phillips® Round #3 x 6"            | 3                  | Phillips®             | 6                         | Round         | 10-5/16                       | 0.36            | ASME B107.600 |



#### 8 PIECE COMBINATION SUPER PROTO® BLACK SCREWDRIVER SET

# **Product #: J88818B**

- Tri-lobed handle made from Bi-Material, helps prevent hand slipping.
- ▶ Precision machined tips for precise fastener fit.
- Alloy steel shanks heat-treated for strength.
- > Weight (lbs): 1.87



| Contents | Description                                     | Tip<br>Size<br>(B) | Tips                  | Shank Length<br>(in) (L1) | Shank<br>Type | Overall<br>Length (in)<br>(L) | Weight<br>(lbs) | ASME Spec.    |
|----------|---|--------------------|-----------------------|---------------------------|---------------|-------------------------------|-----------------|---------------|
| J88004B  | Screwdriver, Slotted Keystone, Round 1/4" x 4"  | 1/4                | Keystone              | 4                         | Round         | 8                             | 0.12            | ASME B107.600 |
| J88006B  | Screwdriver, Slotted Keystone, Round 5/16" x 6" | 5/16               | Keystone              | 6                         | Round         | 10-5/16                       | 0.20            | ASME B107.600 |
| J88203B  | Screwdriver, Slotted Cabinet, Round 1/8" x 3"   | 1/8                | Cabinet               | 3                         | Round         | 6-3/8                         | 0.04            | ASME B107.600 |
| J88213B  | Screwdriver, Slotted Cabinet, Round 3/16" x 3"  | 3/16               | Cabinet               | 3                         | Round         | 7-7/8                         | 0.13            | ASME B107.600 |
| J88216B  | Screwdriver, Slotted Cabinet, Round 3/16" x 6"  | 3/16               | Cabinet               | 6                         | Round         | 9-3/4                         | 0.17            | ASME B107.600 |
| J88313B  | Screwdriver, Phillips® Round #1 x 3"            | 1                  | Phillips®             | 3                         | Round         | 6                             | 0.14            | ASME B107.600 |
| J88324B  | Screwdriver, Phillips® Round #2 x 4"            | 2                  | Phillips <sup>®</sup> | 4                         | Round         | 8-1/4                         | 0.21            | ASME B107.600 |
| J88336B  | Screwdriver, Phillips® Round #3 x 6"            | 3                  | Phillips®             | 6                         | Round         | 11                            | 0.43            | ASME B107.600 |

# **6 PIECE PHILLIPS' SUPER PROTO' BLACK SCREWDRIVER SET**

# **Product #: J88837B**

- ▶ Tri-lobed handle made from Bi-Material, helps prevent hand slipping.
- > Precision machined tips for precise fastener fit.
- Alloy steel shanks heat-treated for strength.
- Weight (lbs): 1.60



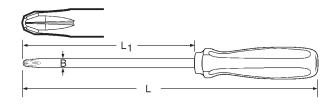
|          |  | Tip         |           |                           |               | Overall            |                 |               |
|----------|--|-------------|-----------|---------------------------|---------------|--------------------|-----------------|---------------|
| Contents | Description                                      | Size<br>(B) | Tips      | Shank Length<br>(in) (L1) | Shank<br>Type | Length<br>(in) (L) | Weight<br>(lbs) | ASME Spec.    |
| J88322B  | Screwdriver, Phillips® Round, Stubby #2 x 1-1/2" | 2           | Phillips® | 1-1/2                     | Round         | 3-3/4              | 0.10            | ASME B107.600 |
| J88393B  | Screwdriver, Phillips® Round #0 x 3"             | 0           | Phillips® | 3                         | Round         | 6                  | 0.05            | ASME B107.600 |
| J88313B  | Screwdriver, Phillips® Round #1 x 3"             | 1           | Phillips® | 3                         | Round         | 6                  | 0.14            | ASME B107.600 |
| J88324B  | Screwdriver, Phillips® Round #2 x 4"             | 2           | Phillips® | 4                         | Round         | 8-1/4              | 0.21            | ASME B107.600 |
| J88336B  | Screwdriver, Phillips® Round #3 x 6"             | 3           | Phillips® | 6                         | Round         | 11                 | 0.43            | ASME B107.600 |
| J88348B  | Screwdriver, Phillips® Round #4 x 7-7/8"         | 4           | Phillips® | 7-7/8                     | Round         | 12-3/4             | 0.60            | ASME B107.600 |

# Product #: J88857

- ▶ Tri-lobed handle made from Bi-Material, helps prevent hand slipping.
- Precision machined tips for precise fastener fit.
- ▶ Alloy steel shanks heat-treated for strength.
- > Weight (lbs): 1.36



| Contents | Description                            | Tip Size<br>(B) | Tips  | Shank Length<br>(in) (L1) | Shank Type | Overall Length<br>(in) (L) | Weight<br>(lbs) |
|----------|--|-----------------|-------|---------------------------|------------|----------------------------|-----------------|
| J88510   | Screwdriver, Torx®, Round T10 x 3-1/4" | T10             | Torx® | 3-1/4                     | Round      | 7                          | 0.10            |
| J88515   | Screwdriver, Torx®, Round T15 x 3-1/2" | T15             | Torx® | 3-1/2                     | Round      | 7-1/4                      | 0.10            |
| J88520   | Screwdriver, Torx®, Round T20 x 3-3/8" | T20             | Torx® | 3-3/8                     | Round      | 7                          | 0.10            |
| J88525   | Screwdriver, Torx®, Round T25 x 3-3/8" | T25             | Torx® | 3-3/8                     | Round      | 7                          | 0.10            |
| J88527   | Screwdriver, Torx®, Round T27 x 4"     | T27             | Torx® | 4                         | Round      | 8-1/2                      | 0.20            |
| J88530   | Screwdriver, Torx®, Round T30 x 4-1/4" | T30             | Torx® | 4-1/4                     | Round      | 8-1/4                      | 0.20            |
| J88540   | Screwdriver, Torx®, Round T40 x 6"     | T40             | Torx® | 6                         | Round      | 10-3/4                     | 0.30            |



# **6 PIECE PHILLIPS' SUPER PROTO' SCREWDRIVER SET**

# **Product #: J88836**

- Tri-lobed handle made from Bi-Material, helps prevent hand slipping.
- > Precision machined tips for precise fastener fit.
- ▶ Alloy steel shanks heat-treated for strength.
- > Weight (lbs): 1.60



|          |  | Tip         |                       |                           |               | Overall            |                 |               |
|----------|--|-------------|-----------------------|---------------------------|---------------|--------------------|-----------------|---------------|
| Contents | Description                                      | Size<br>(B) | Tips                  | Shank Length<br>(in) (L1) | Shank<br>Type | Length<br>(in) (L) | Weight<br>(lbs) | ASME Spec.    |
| J88322   | Screwdriver, Phillips® Round, Stubby #2 x 1-1/2" | 2           | Phillips <sup>®</sup> | 1-1/2                     | Round         | 3-3/4              | 0.10            | ASME B107.600 |
| J88393   | Screwdriver, Phillips® Round #0 x 3"             | 0           | Phillips®             | 3                         | Round         | 6-3/8              | 0.05            | ASME B107.600 |
| J88313   | Screwdriver, Phillips® Round #1 x 3"             | 1           | Phillips®             | 3                         | Round         | 6-7/8              | 0.12            | ASME B107.600 |
| J88324   | Screwdriver, Phillips® Round #2 x 4"             | 2           | Phillips®             | 4                         | Round         | 8-1/4              | 0.21            | ASME B107.600 |
| J88336   | Screwdriver, Phillips® Round #3 x 6"             | 3           | Phillips <sup>®</sup> | 6                         | Round         | 10-5/16            | 0.36            | ASME B107.600 |
| J88348   | Screwdriver, Phillips® Round #4 x 8"             | 4           | Phillips®             | 8                         | Round         | 12-5/16            | 0.52            | ASME B107.600 |





# SUPER PROTO® SCREWDRIVERS

- > Tri-lobed handle made from Bi-Material, helps prevent hand slipping.
- Precision machined tips for precise fastener fit.
- ▶ Alloy steel shanks heat-treated for strength.



| Alloy Steel | Tip Size | at-treated fo         | Shank Length |            |         | Overall Length |              |               |
|-------------|----------|-----------------------|--------------|------------|---------|----------------|--------------|---------------|
| Product #   | (B)      | Tips                  | (in) (L1)    | Shank Type | Bolster | (in) (L)       | Weight (lbs) | ASME Spec.    |
| J88104      | 3/16     | Keystone              | 3            | Square     | -       | 7              | 0.13         | ASME B107.600 |
| J88002      | 1/4      | Keystone              | 1-1/2        | Round      | -       | 3-3/4          | 0.15         | ASME B107.600 |
| J88103      | 1/4      | Keystone              | 3            | Square     | -       | 7-1/2          | 0.23         | ASME B107.600 |
| J88004      | 1/4      | Keystone              | 4            | Round      | _       | 8-1/4          | 0.21         | ASME B107.600 |
| J88004B     | 1/4      | Keystone              | 4            | Round      | -       | 8              | 0.12         | ASME B107.600 |
| J88102      | 1/4      | Keystone              | 4            | Square     | _       | 8-1/2          | 0.23         | ASME B107.600 |
| J88102B     | 1/4      | Keystone              | 4            | Square     | -       | 8-1/2          | 0.23         | ASME B107.600 |
| J88105      | 5/16     | Keystone              | 5            | Square     | -       | 10             | 0.37         | ASME B107.600 |
| J88106      | 5/16     | Keystone              | 6            | Square     | -       | 10-7/8         | 0.40         | ASME B107.600 |
| J88106B     | 5/16     | Keystone              | 6            | Square     | -       | 10-7/8         | 0.39         | ASME B107.600 |
| J88006      | 5/16     | Keystone              | 6            | Round      | -       | 10-5/16        | 0.35         | ASME B107.600 |
| J88006B     | 5/16     | Keystone              | 6            | Round      | -       | 10-5/16        | 0.20         | ASME B107.600 |
| J88108      | 3/8      | Keystone              | 8            | Square     | -       | 13             | 0.55         | ASME B107.600 |
| J88108B     | 3/8      | Keystone              | 8            | Square     | _       | 13             | 0.62         | ASME B107.600 |
| J88008      | 3/8      | Keystone              | 8            | Round      | -       | 12-3/4         | 0.50         | ASME B107.600 |
| J88010      | 3/8      | Keystone              | 10           | Round      | _       | 14-3/4         | 0.58         | ASME B107.600 |
| J88110      | 3/8      | Keystone              | 10           | Square     | -       | 14-7/8         | 0.66         | ASME B107.600 |
| J88110B     | 3/8      | Keystone              | 10           | Square     | _       | 14-7/8         | 0.65         | ASME B107.600 |
| J88112      | 3/8      | Keystone              | 12           | Square     | -       | 17             | 0.73         | ASME B107.600 |
| J88203      | 1/8      | Cabinet               | 3            | Round      | _       | 6-3/8          | 0.05         | ASME B107.600 |
| J88203B     | 1/8      | Cabinet               | 3            | Round      | -       | 6-3/8          | 0.04         | ASME B107.600 |
| J88204      | 1/8      | Cabinet               | 4            | Round      | _       | 7-1/4          | 0.05         | ASME B107.600 |
| J88206      | 1/8      | Cabinet               | 6            | Round      | -       | 9-1/4          | 0.05         | ASME B107.600 |
| J88208      | 1/8      | Cabinet               | 8            | Round      | -       | 12             | 0.05         | ASME B107.600 |
| J88213      | 3/16     | Cabinet               | 3            | Round      | -       | 7-7/8          | 0.14         | ASME B107.600 |
| J88213B     | 3/16     | Cabinet               | 3            | Round      | -       | 7-7/8          | 0.13         | ASME B107.600 |
| J88214      | 3/16     | Cabinet               | 4            | Round      | -       | 8              | 0.14         | ASME B107.600 |
| J88215      | 3/16     | Cabinet               | 5            | Round      | -       | 8-7/8          | 0.14         | ASME B107.600 |
| J88216      | 3/16     | Cabinet               | 6            | Round      | -       | 9-3/4          | 0.16         | ASME B107.600 |
| J88216B     | 3/16     | Cabinet               | 6            | Round      | -       | 9-3/4          | 0.17         | ASME B107.600 |
| J88218      | 3/16     | Cabinet               | 8            | Round      | -       | 12             | 0.17         | ASME B107.600 |
| J88210      | 1/4      | Cabinet               | 10           | Round      | -       | 14-3/8         | 0.28         | ASME B107.600 |
| J88393      | 0        | Phillips <sup>®</sup> | 3            | Round      | -       | 6-3/8          | 0.05         | ASME B107.600 |
| J88393B     | 0        | Phillips <sup>®</sup> | 3            | Round      | -       | 6-3/8          | 0.05         | ASME B107.600 |
| J88313      | 1        | Phillips <sup>®</sup> | 3            | Round      | -       | 6-7/8          | 0.12         | ASME B107.600 |
| J88313B     | 1        | Phillips®             | 3            | Round      | -       | 6-7/8          | 0.14         | ASME B107.600 |
| J88318      | 1        | Phillips <sup>®</sup> | 8            | Round      | -       | 12             | 0.20         | ASME B107.600 |
| J88322      | 2        | Phillips®             | 1-1/2        | Round      | -       | 3-3/4          | 0.10         | ASME B107.600 |
| J88322B     | 2        | Phillips <sup>®</sup> | 1-1/2        | Round      | -       | 3-3/4          | 0.10         | ASME B107.600 |
| J88324      | 2        | Phillips <sup>®</sup> | 4            | Round      | -       | 8-1/4          | 0.21         | ASME B107.600 |
| J88324B     | 2        | Phillips <sup>®</sup> | 4            | Round      | -       | 8-1/4          | 0.21         | ASME B107.600 |
| J88328      | 2        | Phillips <sup>®</sup> | 8            | Round      | -       | 12-1/2         | 0.27         | ASME B107.600 |
| J88336      | 3        | Phillips <sup>®</sup> | 6            | Round      | -       | 10-5/16        | 0.36         | ASME B107.600 |
| J88336B     | 3        | Phillips®             | 6            | Round      | -       | 10-5/16        | 0.43         | ASME B107.600 |
| J88348      | 4        | Phillips <sup>®</sup> | 8            | Round      | -       | 12-5/16        | 0.52         | ASME B107.600 |
| J88348B     | 4        | Phillips®             | 8            | Round      | -       | 12-5/16        | 0.60         | ASME B107.600 |
| J88510      | T10      | Torx®                 | 3-1/4        | Round      | -       | 7              | 0.10         | -             |
| J88515      | T15      | Torx®                 | 3-1/2        | Round      | -       | 7-1/4          | 0.10         | -             |
| J88520      | T20      | Torx®                 | 3-3/8        | Round      | -       | 7              | 0.10         | _             |
| J88525      | T25      | Torx®                 | 3-3/8        | Round      | -       | 7              | 0.10         | -             |
| J88527      | T27      | Torx®                 | 4            | Round      | -       | 8-1/2          | 0.20         | -             |
| J88530      | T30      | Torx®                 | 4-1/4        | Round      | -       | 8-1/4          | 0.20         | -             |
| J88540      | T40      | Torx®                 | 6            | Round      | -       | 10-3/4         | 0.30         | -             |



# PROTO\* SOFT GRIP SLOTTED SCREWDRIVERS

- Precision tips for tight tolerance and fastener fit.
- Custom designed handles constructed of dual materials with hard center core for strength with cushion grip for comfort and control.
- ▶ Blades are constructed from high-alloy steel for high-strength and performance. Plated to resist corrosion.
- Cushion handle tapered for easy gripping and comfort.
- Flutes designed for better turning.



| Product # | Tip Size | Tips     | Shank Length (in) (L1) | Shank Type | Overall Length (in) (L) | Weight (lbs)  |
|-----------|----------|----------|------------------------|------------|-------------------------|---------------|
| J9406     | 5/16     | Keystone | 6                      | Round      | 10-13/32                | 0.35          |
| J9408     | 3/8      | Keystone | 8                      | Round      | 13-1/2                  | 0.62          |
| J9403     | 3/16     | Keystone | 3                      | Round      | 6-3/4                   | 0.17          |
|           |          |          |                        |            | <b>=</b>                | ASME B107.600 |

# PROTO SOFT GRIP PHILLIPS SCREWDRIVERS

- Precision machined tips for precise fastener fit.
- > Four-sided handle with broad, shallow flutes for a firm grip and comfort.
- Non-slip grip increases torque and maximizes comfort.
- Blasted tips resist chrome peeling.
- Wear-hardened for precise cross point dimensions and long life.

| Product # | Tip<br>Size | Tips      | Shank<br>Type | Length (in)<br>(L) | Weight<br>(lbs) |
|-----------|-------------|-----------|---------------|--------------------|-----------------|
| J9482     | 1           | Phillips® | Round         | 6-3/4              | 0.17            |
| J9484     | 2           | Phillips® | Round         | 8-11/32            | 0.27            |



# PROTO® HEX SCREWDRIVERS



| Product # | Tip Size | Tips | Shank Length (in) (L1) | Overall Length (in) (L) | Weight (lbs) |
|-----------|----------|------|------------------------|-------------------------|--------------|
| J88601    | 3/64     | Hex  | 2-3/8                  | 4-51/64                 | 0.03         |
| J88602    | 1/16     | Hex  | 2-1/2                  | 5                       | 0.03         |
| J88603    | 5/64     | Hex  | 2-21/32                | 5                       | 0.03         |
| J88604    | 3/32     | Hex  | 2-3/4                  | 6-1/4                   | 0.04         |
| J88605    | 7/64     | Hex  | 3                      | 6-1/4                   | 0.04         |
| J88606    | 1/8      | Hex  | 3-1/8                  | 6-1/2                   | 0.04         |
| J88607    | 9/64     | Hex  | 3-1/4                  | 6-1/2                   | 0.05         |
| J88608    | 5/32     | Hex  | 3-1/2                  | 8                       | 0.13         |
| J88609    | 3/16     | Hex  | 3-3/4                  | 8                       | 0.14         |





# FACOM® INSULATED SCREWDRIVERS

**⇒** FACOM

Designed for working on live components up to 1000V AC and 1500V DC.



| Product #     | Tip Size | Tips                  | Shank Length (in) (L1) | Shank Type | Overall Length (in) (L) | Weight (lbs) |
|---------------|----------|-----------------------|------------------------|------------|-------------------------|--------------|
| FW-ADOX75VE   | PZ0      | Pozidriv®             | 3                      | Round      | 7                       | 0.10         |
| FW-AD1X100VE  | PZ1      | Pozidriv®             | 4                      | Round      | 8-1/4                   | 0.16         |
| FW-AD3X150VE  | PZ3      | Pozidriv®             | 6                      | Round      | 10-53/64                | 0.43         |
| FW-APOX75VE   | 0        | Phillips®             | 3                      | Round      | 7                       | 0.10         |
| FW-AP1X100VE  | 1        | Phillips®             | 4                      | Round      | 8-1/4                   | 0.16         |
| FW-AP2X125VE  | 2        | Phillips®             | 5                      | Round      | 9-3/4                   | 0.28         |
| FW-AP3X150VE  | 3        | Phillips <sup>®</sup> | 6                      | Round      | 10-3/4                  | 0.43         |
| FW-AP4X200VE  | 4        | Phillips®             | 8                      | Round      | 13                      | 0.61         |
| FW-A10X200VE  | 10       | Cabinet               | 7-7/8                  | Round      | 12-3/4                  | 0.61         |
| FW-A12X250VE  | 12       | Cabinet               | 9-7/8                  | Round      | 14-3/4                  | 0.89         |
| FW-A2.5X50VE  | 2.5 mm   | Cabinet               | 2                      | Round      | 5-7/8                   | 0.06         |
| FW-A2.5X75VE  | 2.5 mm   | Cabinet               | 3                      | Round      | 6-7/8                   | 0.06         |
| FW-A3.5X100VE | 3.5 mm   | Cabinet               | 4                      | Round      | 7-7/8                   | 0.12         |
| FW-A3.5X75VE  | 3.5 mm   | Cabinet               | 3                      | Round      | 6-7/8                   | 0.11         |
| FW-A3X75VE    | 3 mm     | Cabinet               | 3                      | Round      | 6-7/8                   | 0.10         |
| FW-A4X100VE   | 4 mm     | Cabinet               | 4                      | Round      | 7-7/8                   | 0.16         |
| FW-A4X150VE   | 4 mm     | Cabinet               | 5-7/8                  | Round      | 9-7/8                   | 0.17         |
| FW-A5.5X125VE | 5.5 mm   | Cabinet               | 5                      | Round      | 8-7/8                   | 0.20         |
| FW-A5.5X150VE | 5.55 mm  | Cabinet               | 5-7/8                  | Round      | 10-1/8                  | 0.21         |
| FW-A5.5X200VE | 5.5 mm   | Cabinet               | 7-7/8                  | Round      | 12-1/2                  | 0.21         |
| FW-A6.5X150VE | 6.5 mm   | Cabinet               | 5-7/8                  | Round      | 10-1/2                  | 0.31         |
| FW-A6.5X200VE | 6.5 mm   | Cabinet               | 7-7/8                  | Round      | 12-1/2                  | 0.35         |
| FW-A8X150VE   | 8 mm     | Cabinet               | 5-7/8                  | Round      | 10-1/2                  | 0.43         |
| FW-A8X200VE   | 8 mm     | Cabinet               | 7-7/8                  | Round      | 12-3/4                  | 0.48         |

# FACOM® 8 PIECE 1000V INSULATED SCREWDRIVER SET

# FACOM<sub>®</sub>

# Product #: FW-MOD.A1VE

- $\blacktriangleright$  Set includes: PZ1, PZ2, 1, 2, 3.5 mm, 4 mm, 5.5 mm, and 6.5 mm sizes.
- Designed for working on live components up to 1000V AC and 1500V DC.
- ▶ Ergonomically designed, Bi-Material handle.
- Strong, comfortable grip for high torque action.
- Carbon silicon steel blade for strength.
- Black tip to retain the dimensional accuracy of the machined tip.
- > Weight (lbs): 2.34



|               |  |          |           |                           |               | uverali            |                 |
|---------------|--|----------|-----------|---------------------------|---------------|--------------------|-----------------|
| Contents      | Description                                    | Tip Size | Tips      | Shank Length<br>(in) (L1) | Shank<br>Type | Length (in)<br>(L) | Weight<br>(lbs) |
| FW-A3.5X100VE | Screwdriver, Round Bar Slotted 3.5 mm x 4"     | 3.5 mm   | Cabinet   | 4                         | Round         | 7-7/8              | 0.12            |
| FW-A4X100VE   | Screwdriver, Round Bar Slotted 4 mm x 4"       | 4 mm     | Cabinet   | 4                         | Round         | 7-7/8              | 0.16            |
| FW-A5.5X125VE | Screwdriver, Round Bar Slotted 5.5 mm x 5"     | 5.5 mm   | Cabinet   | 5                         | Round         | 8-7/8              | 0.20            |
| FW-A6.5X150VE | Screwdriver, Round Bar Slotted 6.5 mm x 5-7/8" | 6.5 mm   | Cabinet   | 5-7/8                     | Round         | 10-1/2             | 0.31            |
| FW-AP1X100VE  | Screwdriver, Round Bar #1 x 4"                 | 1        | Phillips® | 4                         | Round         | 8-1/4              | 0.16            |
| FW-AP2X125VE  | Screwdriver, Round Bar #2 x 5"                 | 2        | Phillips® | 5                         | Round         | 9-3/4              | 1.50            |
| FW-AD1X100VE  | Screwdriver, Pozidriv® Round Bar PZ1 x 4"      | PZ1      | Pozidriv® | 4                         | Round         | 8-1/4              | 0.16            |
| _             | Screwdriver, Pozidriv® Round Bar PZ2 x 5"      | PZ2      | Pozidriv® | 5                         | Round         | 9-3/4              | 1.50            |

# PHILLIPS® HEX INSERT BITS

| Product<br># | Tips      | Tip<br>Size | Drive Size<br>(in) | Overall<br>Length (in) | Weight<br>(lbs) |
|--------------|-----------|-------------|--------------------|------------------------|-----------------|
| J60002       | Phillips® | 1           | 1/4                | 1                      | 0.01            |
| J60008       | Phillips® | 2           | 1/4                | 1                      | 0.01            |
| J60020       | Phillips® | 3           | 1/4                | 1                      | 0.01            |
| J60050       | Phillips® | 1           | 5/16               | 1-1/4                  | 0.02            |
| J60052       | Phillips® | 2           | 5/16               | 1-1/4                  | 0.02            |
| J60054       | Phillips® | 3           | 5/16               | 1-1/4                  | 0.03            |
|              |           |             |                    |                        | =               |



# PHILLIPS® ACR® INSERT BITS

| Product<br># | Tips      | Tip<br>Size | Drive Size<br>(in) | Overall<br>Length (in) | Weight<br>(lbs) |
|--------------|-----------|-------------|--------------------|------------------------|-----------------|
| J60004       | Phillips® | 1           | 1/4                | 1                      | 0.01            |
| J60010       | Phillips® | 2           | 1/4                | 1                      | 0.01            |
| J60022       | Phillips® | 3           | 1/4                | 1                      | 0.01            |



# PHILLIPS® POWER INSERT BITS

| Product<br># | Tips                   | Tip<br>Size | Drive Size<br>(in) | Overall<br>Length (in) | Weight<br>(lbs) |
|--------------|------------------------|-------------|--------------------|------------------------|-----------------|
| J60100       | Phillips®<br>Power Bit | 1           | 1/4                | 1-15/16                | 0.02            |
| J60102       | Phillips®<br>Power Bit | 2           | 1/4                | 1-15/16                | 0.02            |
| J60014       | Phillips®<br>Power Bit | 2           | 1/4                | 1-1/2                  | 0.02            |
| J60116       | Phillips®<br>Power Bit | 2           | 1/4                | 2-51/64                | 0.03            |
| J60018       | Phillips®<br>Power Bit | 2           | 1/4                | 3-45/64                | 0.03            |
|              |                        |             |                    |                        | ==              |



# **SLOTTED HEX INSERT BITS**



| Product<br># | Tips    | Tip Size | Drive Size (in) | Overall<br>Length (in) | Weight<br>(lbs) |
|--------------|---------|----------|-----------------|------------------------|-----------------|
| J60200       | Slotted | 5/32     | 1/4             | 1                      | 0.01            |
| J60202       | Slotted | 3/16     | 1/4             | 1                      | 0.01            |
| J60204       | Slotted | 7/32     | 1/4             | 1                      | 0.01            |
| J60206       | Slotted | 5/32     | 1/4             | 1                      | 0.01            |
| J60208       | Slotted | 9/32     | 1/4             | 1                      | 0.01            |
| J60256       | Slotted | 3/8      | 5/16            | 1-1/2                  | 0.03            |
| J60262       | Slotted | 3/8      | 5/16            | 1-1/2                  | 0.03            |





# **TORX® HEX INSERT BITS**

Not for use on impact applications.

| Product<br># | Tips  | Tip<br>Size | Drive Size<br>(in) | Overall<br>Length (in) | Weight<br>(lbs) |
|--------------|-------|-------------|--------------------|------------------------|-----------------|
| J60500       | Torx® | T6          | 1/4                | 1                      | 0.01            |
| J60502       | Torx® | T7          | 1/4                | 1                      | 0.01            |
| J60504       | Torx® | T8          | 1/4                | 1                      | 0.01            |
| J60506       | Torx® | T9          | 1/4                | 1                      | 0.01            |
| J60508       | Torx® | T10         | 1/4                | 1                      | 0.01            |
| J60510       | Torx® | T15         | 1/4                | 1                      | 0.01            |
| J60512       | Torx® | T20         | 1/4                | 1                      | 0.01            |
| J60514       | Torx® | T25         | 1/4                | 1                      | 0.01            |
| J60516       | Torx® | T27         | 1/4                | 1                      | 0.01            |
| J60518       | Torx® | T30         | 1/4                | 1                      | 0.01            |
| J60520       | Torx® | T40         | 1/4                | 1                      | 0.02            |
| J60560       | Torx® | T30         | 5/16               | 1.5                    | 0.02            |
| J60562       | Torx® | T40         | 5/16               | 1                      | 0.02            |
| J60564       | Torx® | T45         | 5/16               | 1                      | 0.03            |
| J60566       | Torx® | T50         | 5/16               | 1                      | 0.03            |
| J60568       | Torx® | T55         | 5/16               | 1.3                    | 0.04            |



# **TORX® TAMPER-PROOF HEX INSERT BITS**

Not for use on impact applications.

| Ta               | mper-Proof          |      |     | (in) | (lbs) |
|------------------|---------------------|------|-----|------|-------|
| J60530           | Torx®               | T10H | 1/4 | 1    | 0.01  |
| <b>J60532</b> Ta | mper-Proof<br>Torx® | T15H | 1/4 | 1    | 0.01  |
| <b>J60534</b> Ta | mper-Proof<br>Torx® | T20H | 1/4 | 1    | 0.01  |
| <b>J60536</b> Ta | mper-Proof<br>Torx® | T25H | 1/4 | 1    | 0.01  |
| <b>J60538</b> Ta | mper-Proof<br>Torx® | T27H | 1/4 | 1    | 0.01  |
| <b>J60540</b> Ta | mper-Proof<br>Torx® | T30H | 1/4 | 1    | 0.01  |
| <b>J60542</b> Ta | mper-Proof<br>Torx® | T40H | 1/4 | 1    | 0.01  |



# **SQUARE HEX INSERT BITS**

| Product # | Tips   | Tip<br>Size | Drive Size<br>(in) | Overall<br>Length (in) | Weight<br>(lbs) |
|-----------|--------|-------------|--------------------|------------------------|-----------------|
| J61002    | Square | 1           | 1/4                | 1                      | 0.01            |
| J61004    | Square | 2           | 1/4                | 1                      | 0.01            |
| J61006    | Square | 3           | 1/4                | 1                      | 0.01            |
|           |        |             |                    |                        |                 |



# **BIT HOLDERS**

Not for use on impact applications.

| Product # | Drive Size<br>(in) | Overall<br>Length (in) | Weight<br>(lbs) |
|-----------|--------------------|------------------------|-----------------|
| J61200    | 1/4                | 2-1/4                  | 0.04            |
| J61204    | 1/4                | 4                      | 0.12            |
|           |                    |                        |                 |





# **MAGNETIC BIT HOLDERS**

Magnetic to hold the bit in place.

| Product # | Drive Size<br>(in) | Overall<br>Length (in) | Weight<br>(lbs) |
|-----------|--------------------|------------------------|-----------------|
| J61222    | 1/4                | 2-1/4                  | 0.07            |
| J61223    | 1/4                | 2-31/32                | 0.08            |
| J61234    | 1/4                | 2-1/4                  | 0.05            |
| J61236    | 1/4                | 3                      | 0.06            |
| J61238    | 1/4                | 3                      | 0.10            |
| J61224    | 1/4                | 4                      | 0.12            |
| J61226    | 1/4                | 6                      | 0.20            |





#### MAGNETIC SCREWDRIVER BIT HOLDER

- > Extra long handle allows greater access to confined, restricted areas.
- Convenient bit storage in handle.

| Product # | Drive Size<br>(in) | Overall<br>Length (in) | Weight<br>(lbs) |
|-----------|--------------------|------------------------|-----------------|
| J9300MS   | 1/4                | 7-9/16                 | 0.15            |
| J9300MX   | 1/4                | 11-5/16                | 0.30            |
|           |                    |                        |                 |





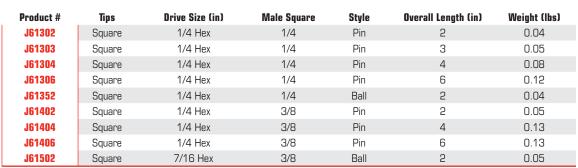
Not for use on impact applications.

| Product # | Drive Size<br>(in) | Hex Size<br>(in) | Overall<br>Length (in) | Weight<br>(lbs) |
|-----------|--------------------|------------------|------------------------|-----------------|
| J6925     | 1/4                | 1/4              | 1                      | 0.04            |
| J6931     | 3/8                | 1/4              | 1-3/4                  | 0.07            |
| J6930     | 3/8                | 5/16             | 1-5/16                 | 0.07            |
| J6935     | 1/2                | 5/16             | 1-1/2                  | 0.11            |



# **EXTENSIONS**

- Made of forged steel.
- ▶ Size stamped on tool for easy identification.
- Ball detent.







# **EXTENSIONS - 7/16" HEX SHANK**

- Made of forged steel.
- Size stamped on tool for easy identification.
- Ball detent.
- Not for use on impact applications.

| Product # | Tips   | Drive Size (in) | Male Square | Style | Overall Length (in) | Weight (lbs) |
|-----------|--------|-----------------|-------------|-------|---------------------|--------------|
| J7111     | Square | 7/16 Hex        | 3/8         | Pin   | 2-3/4               | 0.14         |
| J7121     | Square | 7/16 Hex        | 1/2         | Pin   | 2-3/4               | 0.17         |





# **28 PIECE MAGNETIC SCREWDRIVER BIT SET**

# Product #: J61929

- Packaged in plastic blow-molded case for easy storage.
- Weight (lbs): 1.07



| Description                           | Tip Size | Tips      | Overall Length (in) | Drive Size (in) |
|---------------------------------------|----------|-----------|---------------------|-----------------|
| Bit, Insert #0 Phillips® 1/4" Hex     | 0        | Phillips® | 1                   | 1/4             |
| Bit, Insert #1 Phillips® 1/4" Hex     | 1        | Phillips® | 1                   | 1/4             |
| Bit, Insert #2 Phillips® 1/4" Hex     | 2        | Phillips® | 1                   | 1/4             |
| Bit, Insert #3 Phillips® 1/4" Hex     | 3        | Phillips® | 1                   | 1/4             |
| Bit, Insert Slotted 3F-4R 1/4" Hex    | 3F-4R    | Slotted   | 1                   | 1/4             |
| Bit, Insert Slotted 4F-5R 1/4" Hex    | 4F-5R    | Slotted   | 1                   | 1/4             |
| Bit, Insert 7/32" Slotted 1/4" Hex    | 7/32     | Slotted   | 1                   | 1/4             |
| Bit, Insert 5/32" Slotted 1/4" Hex    | 5/32     | Slotted   | 1                   | 1/4             |
| Bit, Insert 9/32" Slotted 1/4" Hex    | 9/32     | Slotted   | 1                   | 1/4             |
| Bit, Insert T10 Torx® 1/4" Hex        | T10      | Torx®     | 1                   | 1/4             |
| Bit, Insert T15 Torx® 1/4" Hex        | T15      | Torx®     | 1                   | 1/4             |
| Bit, Insert T20 Torx® 1/4" Hex        | T20      | Torx®     | 1                   | 1/4             |
| Bit, Insert T25 Torx® 1/4" Hex        | T25      | Torx®     | 1                   | 1/4             |
| Bit, Insert T30 Torx® 1/4" Hex        | T30      | Torx®     | 1                   | 1/4             |
| Bit, Insert T40 Torx® 1/4" Hex        | T40      | Torx®     | 1                   | 1/4             |
| Bit, Insert #0 Square Recess 1/4" Hex | 0        | Square    | 1                   | 1/4             |
| Bit, Insert #1 Square Recess 1/4" Hex | 1        | Square    | 1                   | 1/4             |
| Bit, Insert #2 Square Recess 1/4" Hex | 2        | Square    | 1                   | 1/4             |
| Bit, Insert #3 Square Recess 1/4" Hex | 3        | Square    | 1                   | 1/4             |
| 5/64" Socket Head, 1/4" Hex           | 5/64     | Socket    | 1                   | 1/4             |
| 3/32" Socket Head, 1/4" Hex           | 3/32     | Socket    | 1-1/4               | 1/4             |
| 1/8" Socket Head, 1/4" Hex            | 1/8      | Socket    | 1-1/4               | 1/4             |
| 5/32" Socket Head, 1/4" Hex           | 5/32     | Socket    | 1-1/4               | 1/4             |
| 3/16" Socket Head, 1/4" Hex           | 3/16     | Socket    | 1-1/4               | 1/4             |
| Bit, Insert 1/8" Clutch, 1/4" Hex     | 1/8      | Clutch    | 1                   | 1/4             |
| Bit, Insert 5/32" Clutch, 1/4" Hex    | 5/32     | Clutch    | 1                   | 1/4             |
| Magnetic Bit, Holder                  |          |           | 2-1/4               | 1/4             |
| Screwdriver, Magnetic Bit, Holder     |          |           | 7-9/16              | 1/4             |



# 11 PIECE MAGNETIC RATCHETING SCREWDRIVER BIT SET

#### **Product #: J9322**

- Gearless Ratcheting Screwdriver provides smooth operation, infinite ratcheting angle.
- Convenient bit storage in handle.
- Weight (lbs): 0.76



| Contents | Description                        | Tip Size | Tips                  | Overall Length (in) | Drive Size (in) |
|----------|------------------------------------|----------|-----------------------|---------------------|-----------------|
| J60002   | Bit, Insert #1 Phillips® 1/4" Hex  | 1        | Phillips <sup>®</sup> | 1                   | 1/4             |
| J60008   | Bit, Insert #2 Phillips® 1/4" Hex  | 2        | Phillips®             | 1                   | 1/4             |
| J60202   | Bit, Insert 3/16" Slotted 1/4" Hex | 3/16     | Slotted               | 1                   | 1/4             |
| J60206   | Bit, Insert 5/32" Slotted 1/4" Hex | 5/32     | Slotted               | 1                   | 1/4             |
|          | Nut Setters Magnetic, 3/16"        |          |                       | 1-1/2               | 1/4             |
|          | Nut Setters Magnetic, 1/4"         |          |                       | 1-1/2               | 1/4             |
|          | Nut Setters Magnetic, 9/32"        |          |                       | 1-1/2               | 1/4             |
|          | Nut Setters Magnetic, 5/16"        |          |                       | 1-1/2               | 1/4             |
|          | Nut Setters Magnetic, 11/32"       |          |                       | 1-1/2               | 1/4             |
|          | Nut Setters Magnetic, 7/16"        |          |                       | 1-1/2               | 1/4             |
|          | Screwdriver, Magnetic Ratcheting   |          |                       | 8-3/4               | 1/4             |

# **5 PIECE MAGNETIC RATCHETING SCREWDRIVER BIT SET**

# **Product #: J9320**

- Gearless Ratcheting Screwdriver provides smooth operation, infinite ratcheting angle.
- Convenient bit storage in handle.
- ▶ Weight (lbs): 0.50



| Contents | Description                        | Tip Size | Tips      | Overall Length (in) | Drive Size (in) |
|----------|------------------------------------|----------|-----------|---------------------|-----------------|
| J60002   | Bit, Insert #1 Phillips® 1/4" Hex  | 1        | Phillips® | 1                   | 1/4             |
| J60008   | Bit, Insert #2 Phillips® 1/4" Hex  | 2        | Phillips® | 1                   | 1/4             |
| J60202   | Bit, Insert 3/16" Slotted 1/4" Hex | 3/16     | Slotted   | 1                   | 1/4             |
| J60206   | Bit, Insert 5/32" Slotted 1/4" Hex | 5/32     | Slotted   | 1                   | 1/4             |
|          | Screwdriver, Magnetic Ratcheting   |          |           | 8-3/4               | 1/4             |

# **5 PIECE MAGNETIC SCREWDRIVER BIT SET—LONG REACH**

# **Product #: J9224**

- ▶ Extra long handle allows greater access to confined, restricted areas.
- Convenient bit storage in handle.
- Weight (lbs): 0.38



| Contents | Description                                    | Tip Size | Tips                  | Overall Length (in) | Drive Size (in) |
|----------|--|----------|-----------------------|---------------------|-----------------|
| J60002   | Bit, Insert #1 Phillips® 1/4" Hex              | 1        | Phillips®             | 1                   | 1/4             |
| J60008   | Bit, Insert #2 Phillips® 1/4" Hex              | 2        | Phillips <sup>®</sup> | 1                   | 1/4             |
| J60202   | Bit, Insert 3/16" Slotted 1/4" Hex             | 3/16     | Slotted               | 1                   | 1/4             |
| J60206   | Bit, Insert 5/32" Slotted 1/4" Hex             | 5/32     | Slotted               | 1                   | 1/4             |
| J9300MX  | Screwdriver, Magnetic Bit, Holder - Long Reach |          |                       | 11-5/16             | 1/4             |





# **38 PIECE INSERT/POWER BIT SET**

# Product #: J61906

- Magnetic base provides tool organization as well as portability.
- > Strong magnetic bond allows for superior holding strength.
- > Holder allows bits to remain organized in a tool box drawer as well as on any metal surface.
- Mixed assortment of standard, slotted, Phillips®, and Torx® tips and clutches to help in a variety of tasks.
- Weight (lbs): 1.21



| Description                                      | Tip Size | Tips                  | Overall Length (in) | Drive Size (in) |
|--|----------|-----------------------|---------------------|-----------------|
| Bit, Insert #0 Phillips® 1/4" Hex                | 0        | Phillips®             | 1                   | 1/4             |
| Bit, Insert #1 Phillips® 1/4" Hex                | 1        | Phillips®             | 1                   | 1/4             |
| Bit, Insert #2 Phillips® 1/4" Hex                | 2        | Phillips®             | 1                   | 1/4             |
| Bit, Insert #3 Phillips® 1/4" Hex                | 3        | Phillips®             | 1                   | 1/4             |
| Bit, Insert #2 Phillips® 1/4" Hex (Reduced Dia.) | 2        | Phillips®             | 1                   | 1/4             |
| Bit, Insert #1 PZ 1/4" Hex                       | 1        | Pozidriv®             | 1                   | 1/4             |
| Bit, Insert #2 PZ 1/4" Hex                       | 2        | Pozidriv <sup>®</sup> | 1                   | 1/4             |
| Bit, Insert Slotted 1/4" Hex                     | 4F-5R    | Slotted               | 1                   | 1/4             |
| Bit, Insert Slotted 1/4" Hex                     | 6F-8R    | Slotted               | 1                   | 1/4             |
| Bit, Insert Slotted 1/4" Hex                     | 8F-10R   | Slotted               | 1                   | 1/4             |
| Bit, Insert Slotted 1/4" Hex                     | 10F-12R  | Slotted               | 1                   | 1/4             |
| Bit, Insert Slotted 1/4" Hex                     | 12F-14R  | Slotted               | 1-1/2               | 1/4             |
| Bit, Insert Slotted 1/4" Hex                     | 14F-16R  | Slotted               | 1-1/2               | 1/4             |
| Bit, Insert T6 Torx® 1/4" Hex                    | T6       | Torx®                 | 1                   | 1/4             |
| Bit, Insert T7 Torx® 1/4" Hex                    | T7       | Torx®                 | 1                   | 1/4             |
| Bit, Insert T8 Torx® 1/4" Hex                    | T8       | Torx®                 | 1                   | 1/4             |
| Bit, Insert T9 Torx® 1/4" Hex                    | T9       | Torx®                 | 1                   | 1/4             |
| Bit, Insert T10 Torx® 1/4" Hex                   | T10      | Torx®                 | 1                   | 1/4             |
| Bit, Insert T15 Torx® 1/4" Hex                   | T15      | Torx®                 | 1                   | 1/4             |
| Bit, Insert T20 Torx® 1/4" Hex                   | T20      | Torx®                 | 1                   | 1/4             |
| Bit, Insert T25 Torx® 1/4" Hex                   | T25      | Torx®                 | 1                   | 1/4             |
| Bit, Insert T30 Torx® 1/4" Hex                   | T30      | Torx®                 | 1                   | 1/4             |
| Bit, Insert T40 Torx® 1/4" Hex                   | T40      | Torx®                 | 1                   | 1/4             |
| 3/32" Socket Head, 1/4" Hex                      | 3/32     | Socket                | 1-1/4               | 1/4             |
| 7/64" Socket Head, 1/4" Hex                      | 7/64     | Socket                | 1-1/4               | 1/4             |
| 1/8" Socket Head, 1/4" Hex                       | 1/8      | Socket                | 1-1/4               | 1/4             |
| 9/64" Socket Head, 1/4" Hex                      | 9/64     | Socket                | 1-1/4               | 1/4             |
| 5/32" Socket Head, 1/4" Hex                      | 5/32     | Socket                | 1-1/4               | 1/4             |
| 3/16" Socket Head, 1/4" Hex                      | 3/16     | Socket                | 1-1/4               | 1/4             |
| Bit, Insert #0 Square Recess 1/4" Hex            | 0        | Square                | 1                   | 1/4             |
| Bit, Insert #1 Square Recess 1/4" Hex            | 1        | Square                | 1                   | 1/4             |
| Bit, Insert #2 Square Recess 1/4" Hex            | 2        | Square                | 1                   | 1/4             |
| Bit, Insert #3 Square Recess 1/4" Hex            | 3        | Square                | 1                   | 1/4             |
| Bit, Insert 1/8" Clutch, 1/4" Hex                | 1/8      | Clutch                | 1                   | 1/4             |
| Bit, Insert 5/32" Clutch, 1/4" Hex               | 5/32     | Clutch                | 1                   | 1/4             |
| Bit, Insert 3/16" Clutch, 1/4" Hex               | 3/16     | Clutch                | 1                   | 1/4             |
| Bit, Holder Magnetic 1/4" Hex                    |          |                       | 2-1/4               | 1/4             |
| Bit, Holder Power 1/4" DR 1/4" Hex               |          |                       | 1                   | 1/4             |



# 10 PIECE INSERT BIT SET WITH STORAGE BOX

# **Product #: J61901**

- > Popular bits in compact storage box which doubles as a screwdriver handle.
- ▶ Bits are power tool rated and can be used with Cordless and Electric Drills.
- > Weight (lbs): 0.39



| Contents | Description                        | Tip Size | Tips      | Overall Length (in) | Drive Size (in) |
|----------|------------------------------------|----------|-----------|---------------------|-----------------|
| J60002   | Bit, Insert #1 Phillips® 1/4" Hex  | 1        | Phillips® | 1                   | 1/4             |
| J60008   | Bit, Insert #2 Phillips® 1/4" Hex  | 2        | Phillips® | 1                   | 1/4             |
| J60020   | Bit, Insert #3 Phillips® 1/4" Hex  | 3        | Phillips® | 1                   | 1/4             |
| J60202   | Bit, Insert 3/16" Slotted 1/4" Hex | 3/16     | Slotted   | 1                   | 1/4             |
| J60206   | Bit, Insert 5/32" Slotted 1/4" Hex | 5/32     | Slotted   | 1                   | 1/4             |
| J60216   | Bit, Insert 7/32" Slotted 1/4" Hex | 7/32     | Slotted   | 1                   | 1/4             |
| J60508   | Bit, Insert T10 Torx® 1/4" Hex     | T10      | Torx®     | 1                   | 1/4             |
| J60510   | Bit, Insert T15 Torx® 1/4" Hex     | T15      | Torx®     | 1                   | 1/4             |
| J60808   | 1/8" Socket Head, 1/4" Hex         | 1/8      | Socket    | 1-1/4               | 1/4             |
| J61223   | Bit, Holder Magnetic 1/4" Hex      |          |           | 2-31/32             | 1/4             |

# 11 PIECE 1/4" AND 3/8" DRIVE TORX° BIT SET

#### Product #: J5239P

- ▶ T10 to T50, 2 Bit Holders, with Pouch.
- Not for use on impact application.
- ▶ 1/4" and 3/8" drive, 1/4" and 5/16" hex.
- ▶ Weight (lbs): 0.36



| Contents | Description                         | Tip Size | Tips  | Overall Length (in) | Drive Size (in) |
|----------|-------------------------------------|----------|-------|---------------------|-----------------|
| J60508   | Bit, Insert T10 Torx® 1/4" Hex      | T10      | Torx® | 1                   | 1/4             |
| J60510   | Bit, Insert T15 Torx® 1/4" Hex      | T15      | Torx® | 1                   | 1/4             |
| J60512   | Bit, Insert T20 Torx® 1/4" Hex      | T20      | Torx® | 1                   | 1/4             |
| J60514   | Bit, Insert T25 Torx® 1/4" Hex      | T25      | Torx® | 1                   | 1/4             |
| J60516   | Bit, Insert T27 Torx® 1/4" Hex      | T27      | Torx® | 1                   | 1/4             |
| J60518   | Bit, Insert T30 Torx® 1/4" Hex      | T30      | Torx® | 1                   | 1/4             |
| J60562   | Bit, Insert T40 Torx® 5/16" Hex     | T40      | Torx® | 1                   | 5/16            |
| J60564   | Bit, Insert T45 Torx® 5/16" Hex     | T45      | Torx® | 1                   | 5/16            |
| J60566   | Bit, Insert T50 Torx® 5/16" Hex     | T50      | Torx® | 1                   | 5/16            |
| J6930    | Bit, Holder Power 3/8" DR 5/16" Hex |          |       | 1-5/16              | 1/4             |
| J6931    | Bit, Holder Power 3/8" DR 1/4" Hex  |          |       | 1-1/4               | 1/4             |
| J25TR50C | Pouch                               |          |       | 6-1/3               |                 |



# 7 PIECE 3/8" DRIVE TORX° BIT SET

# Product #: J4739P

- Not for use on impact applications.
- **3/8**" drive and 5/16" hex
- ▶ Weight (lbs): 0.19



| Contents | Description                        | Tip Size | Tips  | Overall Length (in) | Drive Size (in) |
|----------|------------------------------------|----------|-------|---------------------|-----------------|
| J60508   | Bit, Insert T10 Torx® 1/4" Hex     | T10      | Torx® | 1                   | 1/4             |
| J60510   | Bit, Insert T15 Torx® 1/4" Hex     | T15      | Torx® | 1                   | 1/4             |
| J60512   | Bit, Insert T20 Torx® 1/4" Hex     | T20      | Torx® | 1                   | 1/4             |
| J60514   | Bit, Insert T25 Torx® 1/4" Hex     | T25      | Torx® | 1                   | 1/4             |
| J60516   | Bit, Insert T27 Torx® 1/4" Hex     | T27      | Torx® | 1                   | 1/4             |
| J60518   | Bit, Insert T30 Torx® 1/4" Hex     | T30      | Torx® | 1                   | 1/4             |
| J6931    | Bit, Holder Power 3/8" DR 1/4" Hex |          |       | 1-1/4               | 1/4             |
| J25TR50C | Pouch                              |          |       | 6-1/3               |                 |

# **SLOTTED SCREW STARTERS**

Pocket clip.

| Product # | Overall Length (in) | Weight (lbs) |
|-----------|---------------------|--------------|
| J9851     | 2-5/8               | 0.02         |
| J9853     | 5-5/8               | 0.04         |
| J9855     | 9-5/8               | 0.09         |
|           |                     | =            |



# **PHILLIPS® SCREW STARTERS**

Pocket clip.

| Product # | Overall Length (in) | Weight (lbs) |
|-----------|---------------------|--------------|
| J9882     | 2-3/4               | 0.02         |
| J9884     | 5-3/4               | 0.05         |
| J9886     | 9-3/4               | 0.06         |
|           |                     | ==           |



# **COMBINATION SCREW STARTERS**

Pocket clip.

| Product # | Overall Length (in) | Weight (lbs) |
|-----------|---------------------|--------------|
| J9866     | 6-1/4               | 0.04         |
|           |                     |              |



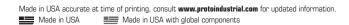
# MAGNETIZER/DEMAGNITIZER

Use for screwdrivers.

| Product # | Weight (lbs) |
|-----------|--------------|
| J9888     | 0.14         |
|           |              |







# **SLOTTED OFFSET SCREWDRIVERS**

Black oxide finish.

| Product # | Tip Width<br>(in) | Overall<br>Length (in) | Weight<br>(lbs) |
|-----------|-------------------|------------------------|-----------------|
| J361/4    | 1/4               | 4-5/8                  | 0.05            |
| J365/16   | 5/16              | 4-7/8                  | 0.13            |
| J363/8    | 3/8               | 6-1/8                  | 0.12            |





# PHILLIPS® OFFSET SCREWDRIVERS

- Precision milled tips for precise fit.
- Black oxide finish.

| Product # | Size | Overall<br>Length (in) | Weight<br>(lbs) |
|-----------|------|------------------------|-----------------|
| J341/4    | 1, 2 | 4-3/4                  | 0.07            |
| J343/8    | 3, 4 | 6-1/8                  | 0.12            |



# **7 PIECE PROTO® HOLLOW SHAFT NUT DRIVER SET**

# Product #: J9200H

- > Full hollow shaft design for maximum bolt clearance.
- One-piece shaft design for greater strength and durability.
- Ideal for electronics, assembly, and various industrial applications.
- > Color coded handles for easy size identification.
- Weight (lbs): 4.22

| Contents | Size (in) | Length<br>(in) (L1) | Overall Length<br>(in) (L) | ASME Spec.   |
|----------|-----------|---------------------|----------------------------|--------------|
| J9206H   | 3/16      | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9208H   | 1/4       | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9210H   | 5/16      | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9211H   | 11/32     | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9212H   | 3/8       | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9214H   | 7/16      | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9216H   | 1/2       | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9200CBB | Blow-Mol  | ded Case            |                            |              |





# 11 PIECE PROTO® NUT DRIVER SET

# Product #: J9200DB

- > Precision formed, heat-treated hex openings.
- ▶ Color coded handles for easy identification.
- One-piece shaft design for greater strength and durability.
- > Weight (lbs): 4.22

| Contents | Size (in) | Length<br>(in) (L1) | Overall Length<br>(in) (L) | ASME Spec.   |
|----------|-----------|---------------------|----------------------------|--------------|
| J9206    | 3/16      | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9207    | 7/32      | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9208    | 1/4       | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9209    | 9/32      | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9210    | 5/16      | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9211    | 11/32     | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9212    | 3/8       | 2-3/4               | 6-11/16                    | ASME B107.12 |
| J9214    | 7/16      | 2-3/4               | 7                          | ASME B107.12 |
| J9216    | 1/2       | 2-3/4               | 7                          | ASME B107.12 |
| J9218    | 9/16      | 2-3/4               | 7                          | ASME B107.12 |
| J9220    | 5/8       | 2-3/4               | 7                          | ASME B107.12 |
| J9200DPB | Blow-Mol  | ded Case            |                            |              |



# 11 PIECE PROTO® METRIC NUT DRIVER SET

# Product #: J9201MB

- Precision formed, heat-treated hex openings.
- One-piece shaft design for greater strength and durability.
- Ideal for electronics, assembly, and various industrial applications.
- > Blue handle for easy metric identification.
- Weight (lbs): 4.39

| Contents | Size<br>(mm) | Length<br>(in) (L1) | Overall Length<br>(in) (L) | ASME Spec.   |
|----------|--------------|---------------------|----------------------------|--------------|
| J9204M   | 4            | 2-7/8               | 7                          | ASME B107.12 |
| J9205M   | 5            | 2-7/8               | 7                          | ASME B107.12 |
| J92055M  | 5.5          | 2-7/8               | 7                          | ASME B107.12 |
| J9206M   | 6            | 2-7/8               | 7                          | ASME B107.12 |
| J9207M   | 7            | 2-7/8               | 7                          | ASME B107.12 |
| J9208M   | 8            | 2-7/8               | 7                          | ASME B107.12 |
| J9209M   | 9            | 2-7/8               | 7                          | ASME B107.12 |
| J92010M  | 10           | 2-7/8               | 7                          | ASME B107.12 |
| J92011M  | 11           | 2-7/8               | 7                          | ASME B107.12 |
| J92013M  | 13           | 2-7/8               | 7                          | ASME B107.12 |
| J92014M  | 14           | 2-7/8               | 7                          | ASME B107.12 |
| J9200DPB | Blow-Mold    | ed Case             |                            |              |



# **7 PIECE PROTO® NUT DRIVER SET**

# **Product #: J9200C**

- Precision formed, heat-treated hex openings.
- > Color coded handles for easy identification.
- One-piece shaft design for greater strength and durability.
- ▶ Weight (lbs): 1.77

| _        | Size  | Length    | Overall Length |              |
|----------|-------|-----------|----------------|--------------|
| Contents | (in)  | (in) (L1) | (in) (L)       | ASME Spec.   |
| J9206    | 3/16  | 2-3/4     | 6-11/16        | ASME B107.12 |
| J9207    | 7/32  | 2-3/4     | 6-11/16        | ASME B107.12 |
| J9208    | 1/4   | 2-3/4     | 6-11/16        | ASME B107.12 |
| J9209    | 9/32  | 2-3/4     | 6-11/16        | ASME B107.12 |
| J9210    | 5/16  | 2-3/4     | 6-11/16        | ASME B107.12 |
| J9211    | 11/32 | 2-3/4     | 6-11/16        | ASME B107.12 |
| J9212    | 3/8   | 2-3/4     | 6-11/16        | ASME B107.12 |
| J25TR24C | Pouch |           |                |              |



# **7 PIECE METRIC NUT DRIVER SET**

# Product #: J9230M

- Precision formed, heat-treated hex openings.
- One-piece shaft design for greater strength and durability.
- Ideal for electronics, assembly, and various industrial applications.
- ▶ Blue handle for easy metric identification.

| Contents | Size<br>(mm) | Length<br>(in) (L1) | Overall Length<br>(in) (L) | ASME Spec.   |
|----------|--------------|---------------------|----------------------------|--------------|
| J92055M  | 5.5          | 2-7/8               | 7                          | ASME B107.12 |
| J9205M   | 5            | 2-7/8               | 7                          | ASME B107.12 |
| J9206M   | 6            | 2-7/8               | 7                          | ASME B107.12 |
| J9207M   | 7            | 2-7/8               | 7                          | ASME B107.12 |
| J9208M   | 8            | 2-7/8               | 7                          | ASME B107.12 |
| J9209M   | 9            | 2-7/8               | 7                          | ASME B107.12 |
| J9210M   | 10           | 2-7/8               | 7                          | ASME B107.12 |
| J2488    | Pouch        |                     |                            |              |



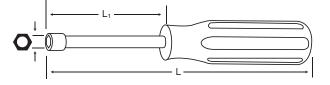




- Full hollow shaft design for maximum bolt clearance (part numbers ending with "H").
- One-piece shaft design for greater strength and durability.
- Ideal for electronics, assembly, and various industrial applications.
- > Color coded handles for easy size identification.

| Product #      | Size<br>(in) | Size<br>(mm) | Length<br>(in) (L1) | Weight<br>(lbs) |
|----------------|--------------|--------------|---------------------|-----------------|
| J9206H         | 3/16         | _            | 2-3/4               | 0.18            |
| J9208H         | 1/4          | _            | 2-3/4               | 0.18            |
| J9210H         | 5/16         | _            | 2-3/4               | 0.19            |
| <b>J9211</b> H | 11/32        | _            | 2-3/4               | 0.22            |
| J9212H         | 3/8          | _            | 2-3/4               | 0.19            |
| J9214H         | 7/16         | _            | 2-3/4               | 0.27            |
| J9216H         | 1/2          | _            | 2-3/4               | 0.27            |
| <b>J9206</b>   | 3/16         | _            | 2-3/4               | 0.20            |
| J9207          | 7/32         | _            | 2-3/4               | 0.20            |
| <b>J9208</b>   | 1/4          | _            | 2-3/4               | 0.19            |
| <b>J9209</b>   | 9/32         | _            | 2-3/4               | 0.23            |
| J9210          | 5/16         | _            | 2-3/4               | 0.23            |
| J9211          | 11/32        | -            | 2-3/4               | 0.22            |
| J9212          | 3/8          | _            | 2-3/4               | 0.23            |
| J9214          | 7/16         | _            | 2-3/4               | 0.34            |
| J9216          | 1/2          | _            | 2-3/4               | 0.34            |
| J9218          | 9/16         | -            | 2-3/4               | 0.45            |
| J9220          | 5/8          | _            | 2-3/4               | 0.50            |
| J9204M         | -            | 4            | 2-7/8               | 0.19            |
| J9205M         | _            | 5            | 2-7/8               | 0.19            |
| J92055M        | -            | 5.5          | 2-7/8               | 0.19            |
| J9206M         | _            | 6            | 2-7/8               | 0.19            |
| J9207M         | -            | 7            | 2-7/8               | 0.22            |
| J9208M         | _            | 8            | 2-7/8               | 0.22            |
| J9209M         | -            | 9            | 2-7/8               | 0.24            |
| J9210M         | _            | 10           | 2-7/8               | 0.29            |
| J9211M         | -            | 11           | 2-7/8               | 0.36            |
| J9212M         | _            | 12           | 2-7/8               | 0.36            |
| J9213M         | -            | 13           | 2-7/8               | 0.43            |
| J9214M         | _            | 14           | 2-7/8               | 0.50            |
|                | -            | <b>=</b>     | ASM                 | E B107.12       |





# **INSULATED NUT DRIVERS**

Insulated to 1000V AC or 1500 DC.

| Product #   | Size<br>(in) | Length<br>(in) | Weight<br>(lbs) |
|-------------|--------------|----------------|-----------------|
| FM-71.1AVSE | 6x8 10x12    | 6              | 0.36            |
| FM-71.2AVSE | 6x9 11x13    | 6              | 0.54            |
| FM-71.3AVSE | 8x10 12x14   | 6              | 0.56            |



# **INSULATED T-HANDLES**

Insulated to 1000V AC or 1500 DC.

| Product #      | Size (mm) | Length (in) | Weight (lbs) |
|----------------|-----------|-------------|--------------|
| FM-94T.6AVSE   | 6         | 5-3/4       | 0.33         |
| FM-94T.8AVSE   | 8         | 5-3/4       | 0.36         |
| FM-94T.10AVSE  | 10        | 5-3/4       | 0.41         |
| FM-94T.11AVSE  | 11        | 5-3/4       | 0.47         |
| FM-94T.12AVSE  | 12        | 5-3/4       | 0.47         |
| FM-94T.13AVSE  | 13        | 5-3/4       | 0.50         |
| FM-94T.14AVSE  | 14        | 5-3/4       | 0.50         |
| FM-94TL.10AVSE | 10        | 12-1/2      | 0.91         |
| FM-94TL.13AVSE | 13        | 12-1/2      | 1.15         |
| FM-94TL.16AVSE | 16        | 12-1/2      | 1.85         |
| FM-94TL.17AVSE | 17        | 12-1/2      | 1.92         |
| FM-94TL.19AVSE | 19        | 12-1/2      | 2.06         |





# **NUT SETTERS**

Magnets feature enhanced holding power to help improve fastener retention, helping to increase productivity.



| Product # | Drive Size (in) | Socket Body Dia. (in) | Overall Length (in) | Weight (lbs) |
|-----------|-----------------|-----------------------|---------------------|--------------|
| J61652    | 1/4 Hex         | 1/2                   | 1-7/8               | 0.05         |
| J61654    | 1/4 Hex         | 9/16                  | 1-7/8               | 0.05         |
| J61650    | 1/4 Hex         | 7/16                  | 1-7/8               | 0.04         |
| J61656    | 1/4 Hex         | 5/8                   | 1-7/8               | 0.07         |
| J61690    | 1/4 Hex         | 7/16                  | 1-7/8               | 0.04         |
| J61692    | 1/4 Hex         | 1/2                   | 1-7/8               | 0.05         |
| J61694    | 1/4 Hex         | 9/16                  | 1-7/8               | 0.05         |
| J61620    | 1/4 Hex         | 7/16                  | 2-9/16              | 0.06         |
| J61628    | 1/4 Hex         | 7/16                  | 2-9/16              | 0.06         |
| J61622    | 1/4 Hex         | 1/2                   | 2-9/16              | 0.07         |
| J61630    | 1/4 Hex         | 1/2                   | 2-9/16              | 0.07         |
| J61624    | 1/4 Hex         | 9/16                  | 2-9/16              | 0.07         |
| J61632    | 1/4 Hex         | 9/16                  | 2-9/16              | 0.08         |
| J61626    | 1/4 Hex         | 5/8                   | 2-9/16              | 0.09         |

# **3 PIECE NUT SETTER SET - 1/4" HEX SHANK**

# **Product #: J61909HS**

- TorquePlus<sup>™</sup> features apply.
- Magnets feature enhanced holding power to help improve fastener retention, helping to increase productivity.
- Distinctive gold finish.
- > Weight (lbs): 0.21



| Contents | Description                | Tips       | Overall Length (in) | Weight (lbs) |
|----------|----------------------------|------------|---------------------|--------------|
| J61620HS | 1/4" Nut Setter, 1/4" Hex  | Nut Setter | 2-9/16              | 0.06         |
| J61622HS | 5/16" Nut Setter, 1/4" Hex | Nut Setter | 1-9/16              | 0.07         |
| J61624HS | 3/8" Nut Setter, 1/4" Hex  | Nut Setter | 1-9/16              | 0.07         |





# **18 PIECE STANDARD HEX KEY SET**

# **Product #: J4986**

- Metal storage box included.
- Weight (lbs): 3.36

| Contents | Size (in) | Long Arm<br>Length (in) | Short Arm<br>Length (in) | ASME<br>Spec. |
|----------|-----------|-------------------------|--------------------------|---------------|
| J46101   | 0.028     | 1-1/4                   | 1/8                      | B18.3         |
| J46102   | 0.035     | 1-1/4                   | 3/16                     | B18.3         |
| J46103   | 0.050     | 1-11/16                 | 1/2                      | B18.3         |
| J46104   | 1/16      | 1-3/4                   | 9/16                     | B18.3         |
| J46105   | 5/64      | 1-7/8                   | 5/8                      | B18.3         |
| J46106   | 3/32      | 2                       | 11/16                    | B18.3         |
| J46107   | 7/64      | 2-1/8                   | 23/32                    | B18.3         |
| J46108   | 1/8       | 2-1/4                   | 3/4                      | B18.3         |
| J46109   | 9/64      | 2-3/8                   | 13/16                    | B18.3         |
| J46110   | 5/32      | 2-1/2                   | 27/32                    | B18.3         |
| J46112   | 3/16      | 2-3/4                   | 15/16                    | B18.3         |
| J46114   | 7/32      | 3                       | 1                        | B18.3         |
| J46116   | 1/4       | 3-1/4                   | 1-1/8                    | B18.3         |
| J46120   | 5/16      | 3-3/4                   | 1-1/4                    | B18.3         |
| J46124   | 3/8       | 4-1/4                   | 1-3/8                    | B18.3         |
| J46132   | 1/2       | 5-1/4                   | 1-5/8                    | B18.3         |
| J46136   | 9/16      | 5-3/4                   | 1-3/4                    | B18.3         |
| J46140   | 5/8       | 6-1/4                   | 1-7/8                    | B18.3         |





# **13 PIECE STANDARD HEX KEY SET**

# Product #: J4980

- Molded plastic holder included.
- > Weight (lbs): 0.60

| Contents | Size (in) | Long Arm<br>Length (in) | Short Arm<br>Length (in) | ASME<br>Spec. |
|----------|-----------|-------------------------|--------------------------|---------------|
| J46103   | 0.050     | 1-11/16                 | 1/2                      | B18.3         |
| J46104   | 1/16      | 1-3/4                   | 9/16                     | B18.3         |
| J46105   | 5/64      | 1-7/8                   | 5/8                      | B18.3         |
| J46106   | 3/32      | 2                       | 11/16                    | B18.3         |
| J46107   | 7/64      | 2-1/8                   | 23/32                    | B18.3         |
| J46108   | 1/8       | 2-1/4                   | 3/4                      | B18.3         |
| J46109   | 9/64      | 2-3/8                   | 13/16                    | B18.3         |
| J46110   | 5/32      | 2-1/2                   | 27/32                    | B18.3         |
| J46112   | 3/16      | 2-3/4                   | 15/16                    | B18.3         |
| J46114   | 7/32      | 3                       | 1                        | B18.3         |
| J46116   | 1/4       | 3-1/4                   | 1-1/8                    | B18.3         |
| J46120   | 5/16      | 3-3/4                   | 1-1/4                    | B18.3         |
| J46124   | 3/8       | 4-1/4                   | 1-3/8                    | B18.3         |



# 11 PIECE STANDARD HEX KEY SET

# **Product #: J4981**

- Molded plastic holder included.
- Weight (lbs): 0.24

| Contents | Size (in) | Long Arm<br>Length (in) | Short Arm<br>Length (in) | ASME<br>Spec. |
|----------|-----------|-------------------------|--------------------------|---------------|
| J46103   | 0.050     | 1-11/16                 | 1/2                      | B18.3         |
| J46104   | 1/16      | 1-3/4                   | 9/16                     | B18.3         |
| J46106   | 3/32      | 2                       | 11/16                    | B18.3         |
| J46105   | 5/64      | 1-7/8                   | 5/8                      | B18.3         |
| J46107   | 7/64      | 2-1/8                   | 23/32                    | B18.3         |
| J46108   | 1/8       | 2-1/4                   | 3/4                      | B18.3         |
| J46109   | 9/64      | 2-3/8                   | 13/16                    | B18.3         |
| J46110   | 5/32      | 2-1/2                   | 27/32                    | B18.3         |
| J46112   | 3/16      | 2-3/4                   | 15/16                    | B18.3         |
| J46114   | 7/32      | 3                       | 1                        | B18.3         |
| J46116   | 1/4       | 3-1/4                   | 1-1/8                    | B18.3         |



# **7 PIECE STANDARD HEX KEY SET**

#### **Product #: J4982**

- Molded plastic holder included.
- Weight (lbs): 1.20

| Contents | Size (in) | Long Arm<br>Length (in) | Short Arm<br>Length (in) | ASME<br>Spec. |
|----------|-----------|-------------------------|--------------------------|---------------|
| J46105   | 5/64      | 1-7/8                   | 5/8                      | B18.3         |
| J46106   | 3/32      | 2                       | 11/16                    | B18.3         |
| J46108   | 1/8       | 2-1/4                   | 3/4                      | B18.3         |
| J46110   | 5/32      | 2-1/2                   | 27/32                    | B18.3         |
| J46112   | 3/16      | 2-3/4                   | 15/16                    | B18.3         |
| J46114   | 7/32      | 3                       | 1                        | B18.3         |
| J46116   | 1/4       | 3-1/4                   | 1-1/8                    | B18.3         |



M ETRIC

# **15 PIECE STANDARD HEX KEY SET - METRIC**

# Product #: J4988M

- Metal storage box included.
- > Weight (lbs): 3.4

| Contents | Size (mm) | Long Arm<br>Length (in) | Short Arm<br>Length (in) | ASME<br>Spec. |
|----------|-----------|-------------------------|--------------------------|---------------|
| J46300   | 0.07      | 1-7/32                  | 15/64                    | B18.3.2M      |
| J46302   | 0.09      | 1-7/32                  | 23/64                    | B18.3.2M      |
| J46304   | 1.3       | 1-39/64                 | 33/64                    | B18.3.2M      |
| J46306   | 1.5       | 1-47/64                 | 33/64                    | B18.3.2M      |
| J46308   | 2         | 1-59/64                 | 5/8                      | B18.3.2M      |
| J46310   | 2.5       | 2-11/64                 | 45/64                    | B18.3.2M      |
| J46312   | 3         | 2-7/16                  | 3/4                      | B18.3.2M      |
| J46314   | 4         | 2-43/64                 | 15/16                    | B18.3.2M      |
| J46316   | 5         | 3-5/64                  | 1-1/16                   | B18.3.2M      |
| J46318   | 6         | 3-15/32                 | 1-7/32                   | B18.3.2M      |
| J46320   | 8         | 3-55/64                 | 1-3/8                    | B18.3.2M      |
| J46322   | 10        | 4-19/64                 | 1-17/32                  | B18.3.2M      |
| J46324   | 12        | 4-51/64                 | 1-47/64                  | B18.3.2M      |
| J46326   | 14        | 5-23/64                 | 2-11/64                  | B18.3.2M      |
| J46328   | 17        | 6-9/64                  | 2-13/32                  | B18.3.2M      |







M ETRIC

# **9 PIECE STANDARD HEX KEY SET - METRIC**

# **Product #: J4984**

- Molded plastic holder included.
- Overall length for hex keys ranges from 33/64" to 1-17/32".
- ▶ Hex size ranges from 1.5 mm to 10 mm.
- > Weight (lbs): 0.54

| Contents | Size (mm) | Long Arm<br>Length (in) | Short Arm<br>Length (in) | ASME<br>Spec. |
|----------|-----------|-------------------------|--------------------------|---------------|
| J46306   | 1.5       | 1-47/64                 | 33/64                    | B18.3.2M      |
| J46308   | 2         | 1-59/64                 | 5/8                      | B18.3.2M      |
| J46310   | 2.5       | 2-11/64                 | 45/64                    | B18.3.2M      |
| J46312   | 3         | 2-7/16                  | 3/4                      | B18.3.2M      |
| J46314   | 4         | 2-43/64                 | 15/16                    | B18.3.2M      |
| J46316   | 5         | 3-5/64                  | 1-1/16                   | B18.3.2M      |
| J46318   | 6         | 3-15/32                 | 1-7/32                   | B18.3.2M      |
| J46320   | 8         | 3-55/64                 | 1-3/8                    | B18.3.2M      |
| J46322   | 10        | 4-19/64                 | 1-17/32                  | B18.3.2M      |



# **7 PIECE STANDARD HEX KEY SET - METRIC**

#### **Product #: J4985**

- Molded plastic holder.
- Overall length for hex keys ranges from 44 mm to 88 mm.
- ▶ Hex size ranges from 1.5 mm to 6 mm.
- Weight (lbs): 0.16

| Contents | Size (mm) | Long Arm<br>Length (in) | Short Arm<br>Length (in) | ASME<br>Spec. |
|----------|-----------|-------------------------|--------------------------|---------------|
| J46306   | 1.5       | 1-47/64                 | 33/64                    | B18.3.2M      |
| J46308   | 2         | 1-59/64                 | 5/8                      | B18.3.2M      |
| J46310   | 2.5       | 2-11/64                 | 45/64                    | B18.3.2M      |
| J46312   | 3         | 2-7/16                  | 3/4                      | B18.3.2M      |
| J46314   | 4         | 2-43/64                 | 15/16                    | B18.3.2M      |
| J46316   | 5         | 3-5/64                  | 1-1/16                   | B18.3.2M      |
| J46318   | 6         | 3-15/32                 | 1-7/32                   | B18.3.2M      |



# **13 PIECE ROUND HEAD HEX KEY SET**

# **Product #: J4995**

- Screws can be tightened or loosened at angles up to 25°.
- Weight (lbs): 0.82

| Size (in)             | Length (in) |
|-----------------------|-------------|
| .050                  | 2-5/16      |
| 1/6                   | 3-1/6       |
| 5/64                  | 3-1/4       |
| 3/32                  | 3-1/2       |
| 7/64                  | 3-11/16     |
| 1/8                   | 3-7/8       |
| 9/64                  | 4-1/8       |
| 5/32                  | 4-5/16      |
| 3/16                  | 4-11/16     |
| 7/32                  | 5-1/8       |
| 1/4                   | 5-1/2       |
| 5/16                  | 6-1/4       |
| 3/8                   | 7-1/16      |
| Molded Plastic Holder |             |





# 9 PIECE ROUND HEAD HEX KEY SET - METRIC

# **Product #: J4996**

▶ Ball end can tighten or loosen screws at angles up to 25°.

• Weight (lbs): 1.70

| Size (mm)             | Length (in) |
|-----------------------|-------------|
| 1.5                   | 3-5/64      |
| 2                     | 3-5/16      |
| 2.5                   | 3-5/8       |
| 3                     | 4-1/64      |
| 4                     | 4-31/64     |
| 5                     | 5-1/8       |
| 6                     | 6-9/64      |
| 8                     | 7-1/64      |
| 10                    | 7-3/4       |
| Molded Plastic Holder |             |



M ETRIC

# **10 PIECE TORX® KEY SET**

# **Product #: J4961**

▶ Weight (lbs): 0.76

| Torx® Size    | Length (in) |
|---------------|-------------|
| T10           | 2-3/8       |
| T15           | 2-1/2       |
| T20           | 2-11/16     |
| T25           | 2-1/8       |
| T27           | 3           |
| T30           | 3-1/4       |
| T40           | 3-15/16     |
| T45           | 4-1/16      |
| T50           | 4-9/16      |
| T55           | 5-3/16      |
| Plastic Pouch |             |



# **14 PIECE LONG HEX KEY SET**

# **Product #: J4987**

- Metal storage box included.
- > Weight (lbs): 2.28

| Contents | Size (in) | Long Arm<br>Length (in) | Short Arm<br>Length (in) | ASME<br>Spec. |
|----------|-----------|-------------------------|--------------------------|---------------|
| J46203   | 0.050     | 2-7/8                   | 1/2                      | B18.3         |
| J46204   | 1/16      | 3                       | 9/16                     | B18.3         |
| J46205   | 5/64      | 3-3/16                  | 5/8                      | B18.3         |
| J46206   | 3/32      | 3-3/8                   | 11/16                    | B18.3         |
| J46207   | 7/64      | 3-9/16                  | 23/32                    | B18.3         |
| J46208   | 1/8       | 3-3/4                   | 3/4                      | B18.3         |
| J46209   | 9/64      | 3-15/16                 | 13/16                    | B18.3         |
| J46210   | 5/32      | 4-1/8                   | 27/32                    | B18.3         |
| J46212   | 3/16      | 4-1/2                   | 15/16                    | B18.3         |
| J46214   | 7/32      | 4-7/8                   | 1                        | B18.3         |
| J46216   | 1/4       | 5-1/4                   | 1-1/8                    | B18.3         |
| J46220   | 5/16      | 6                       | 1-1/4                    | B18.3         |
| J46224   | 3/8       | 6-3/4                   | 1-3/8                    | B18.3         |
| J46232   | 1/2       | 8-1/4                   | 1-5/8                    | B18.3         |







# **13 PIECE LONG HEX KEY SET**

# **Product #: J4983**

| Contents | Size (in) | Long Arm<br>Length (in) | Short Arm<br>Length (in) | ASME<br>Spec. |
|----------|-----------|-------------------------|--------------------------|---------------|
| J46203   | 0.050     | 2-7/8                   | 1/2                      | B18.3         |
| J46204   | 1/16      | 3                       | 9/16                     | B18.3         |
| J46205   | 5/64      | 3-3/16                  | 5/8                      | B18.3         |
| J46206   | 3/32      | 3-3/8                   | 11/16                    | B18.3         |
| J46207   | 7/64      | 3-9/16                  | 23/32                    | B18.3         |
| J46208   | 1/8       | 3-3/4                   | 3/4                      | B18.3         |
| J46209   | 9/64      | 3-15/16                 | 13/16                    | B18.3         |
| J46210   | 5/32      | 4-1/8                   | 27/32                    | B18.3         |
| J46212   | 3/16      | 4-1/2                   | 15/16                    | B18.3         |
| J46214   | 7/32      | 4-7/8                   | 1                        | B18.3         |
| J46216   | 1/4       | 5-1/4                   | 1-1/8                    | B18.3         |
| J46220   | 5/16      | 6                       | 1-1/4                    | B18.3         |
| J46224   | 3/8       | 6-3/4                   | 1-3/8                    | B18.3         |



# STANDARD HEX KEYS

- ▶ Heat-treated for durability.
- ▶ Rust resistant black oxide finish.

| Product # | Size (in) | Size (mm) | Long Arm Length (in) | Short Arm Length (in) | Weight (lbs) |
|-----------|-----------|-----------|----------------------|-----------------------|--------------|
| J46101    | 0.028     |           | 1-1/4                | 1/8                   | 0.01         |
| J46102    | 0.035     |           | 1-1/4                | 3/16                  | 0.01         |
| J46103    | 0.050     | -         | 1-11/16              | 1/2                   | 0.01         |
| J46104    | 1/16      |           | 1-3/4                | 9/16                  | 0.01         |
| J46105    | 5/64      | -         | 1-7/8                | 5/8                   | 0.01         |
| J46106    | 3/32      | _         | 2                    | 11/16                 | 0.01         |
| J46107    | 7/64      | -         | 2-1/8                | 23/32                 | 0.01         |
| J46108    | 1/8       | _         | 2-1/4                | 3/4                   | 0.01         |
| J46109    | 9/64      | -         | 2-3/8                | 13/16                 | 0.02         |
| J46110    | 5/32      |           | 2-1/2                | 27/32                 | 0.02         |
| J46112    | 3/16      | -         | 2-3/4                | 15/16                 | 0.03         |
| J46114    | 7/32      | -         | 3                    | 1                     | 0.05         |
| J46116    | 1/4       | -         | 3-1/4                | 1-1/8                 | 0.07         |
| J46120    | 5/16      | _         | 3-3/4                | 1-1/4                 | 0.10         |
| J46124    | 3/8       | -         | 4-1/4                | 1-3/8                 | 0.19         |
| J46128    | 7/16      | _         | 4-3/4                | 1-1/2                 | 0.31         |
| J46132    | 1/2       |           | 5-1/4                | 1-5/8                 | 0.31         |
| J46136    | 9/16      | _         | 5-3/4                | 1-3/4                 | 0.31         |
| J46140    | 5/8       | -         | 6-1/4                | 1-7/8                 | 0.58         |
| J46300    | -         | 0.07      | 1-7/32               | 15/64                 | 0.01         |
| J46302    | -         | 0.09      | 1-7/32               | 23/64                 | 0.01         |
| J46304    | -         | 1.3       | 1-39/64              | 33/64                 | 0.01         |
| J46306    | -         | 1.5       | 1-47/64              | 33/64                 | 0.01         |
| J46308    | -         | 2         | 1-59/64              | 5/8                   | 0.01         |
| J46310    | -         | 2.5       | 2-11/64              | 45/64                 | 0.01         |
| J46312    | -         | 3         | 2-7/16               | 3/4                   | 0.01         |
| J46314    | -         | 4         | 2-43/64              | 15/16                 | 0.01         |
| J46316    | -         | 5         | 3-5/64               | 1-1/16                | 0.04         |
| J46318    | -         | 6         | 3-15/32              | 1-7/32                | 0.07         |
| J46320    | _         | 8         | 3-55/64              | 1-3/8                 | 0.13         |
| J46322    | -         | 10        | 4-19/64              | 1-17/32               | 0.23         |
| J46324    | -         | 12        | 4-51/64              | 1-47/64               | 0.36         |
| J46326    | -         | 14        | 5-23/64              | 2-11/64               | 0.57         |
| J46328    | _         | 17        | 6-9/64               | 2-13/32               | 0.95         |

# **LONG HEX KEYS**

- Heat-treated for durability.
- ▶ Rust resistant black oxide finish.

| Product # | Size (in) | Long Arm Length (in) | Short Arm Length (in) | Weight (lbs)   |
|-----------|-----------|----------------------|-----------------------|----------------|
| J46203    | .050      | 2-7/8                | 1/2                   | 0.01           |
| J46204    | 1/16      | 3                    | 9/16                  | 0.01           |
| J46205    | 5/64      | 3-3/16               | 5/8                   | 0.01           |
| J46206    | 3/32      | 3-3/8                | 11/16                 | 0.01           |
| J46207    | 7/64      | 3-9/16               | 23/32                 | 0.01           |
| J46208    | 1/8       | 3-3/4                | 3/4                   | 0.02           |
| J46209    | 9/64      | 3-15/16              | 13/16                 | 0.03           |
| J46210    | 5/32      | 4-1/8                | 27/32                 | 0.03           |
| J46212    | 3/16      | 4-1/2                | 15/16                 | 0.05           |
| J46214    | 7/32      | 4-7/8                | 1                     | 0.07           |
| J46216    | 1/4       | 5-1/4                | 1-1/8                 | 0.10           |
| J46220    | 5/16      | 6                    | 1-1/4                 | 0.17           |
| J46224    | 3/8       | 6-3/4                | 1-3/8                 | 0.28           |
| J46228    | 7/16      | 7-1/2                | 1-1/2                 | 0.45           |
| J46232    | 1/2       | 8-1/4                | 1-5/8                 | 0.61           |
|           |           |                      | <b>=</b>              | <b>■</b> B18.3 |

# FACOM® INSULATED HEX KEYS

- ▶ Hardened alloy-steel exceeds specified strengths.
- 2-color warning insulation.
- Insulated to 1000V AC or 1500 DC.



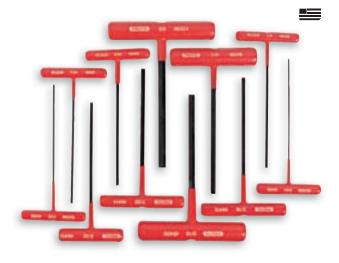
| Product #    | Size (mm) | Long Arm Length (in) | Short Arm Length (in) | Weight (lbs) |
|--------------|-----------|----------------------|-----------------------|--------------|
| FM-83.3AVSE  | 3         | 4-59/64              | 3-11/32               | 0.04         |
| FM-83.4AVSE  | 4         | 4-59/64              | 3-11/32               | 0.07         |
| FM-83.5AVSE  | 5         | 4-59/64              | 3-11/32               | 0.11         |
| FM-83.6AVSE  | 6         | 4-59/64              | 3-11/32               | 0.15         |
| FM-83.8AVSE  | 8         | 4-59/64              | 3-11/32               | 0.24         |
| FM-83.10AVSE | 10        | 4-59/64              | 3-11/32               | 0.33         |
| FM-83.12AVSE | 12        | 4-59/64              | 3-11/32               | 0.46         |

# 11 PIECE T-HANDLE HEX KEY SET

# **Product #: J4968**

> Weight (lbs): 3.98

| Contents | Size (in) | Handle<br>Length (in) | Length (in) | Weight (lbs) |
|----------|-----------|-----------------------|-------------|--------------|
| J46405   | 5/64      | 3                     | 6           | 0.11         |
| J46406   | 3/32      | 3                     | 6           | 0.11         |
| J46407   | 7/64      | 3                     | 6           | 0.11         |
| J46408   | 1/8       | 3                     | 6           | 0.14         |
| J46409   | 9/64      | 3                     | 6           | 0.14         |
| J46410   | 5/32      | 3                     | 6           | 0.32         |
| J46412   | 3/16      | 4                     | 6           | 0.32         |
| J46414   | 7/32      | 4                     | 6           | 0.63         |
| J46416   | 1/4       | 4                     | 6           | 0.82         |
| J46420   | 5/16      | 6                     | 6           | 0.89         |
| J46424   | 3/8       | 6                     | 6           | 0.90         |



# **T-HANDLE HEX KEYS**

| Product # | Size (in) | Handle<br>Length (in) | Length<br>(in) | Weight<br>(lbs) |
|-----------|-----------|-----------------------|----------------|-----------------|
| J46405    | 5/64      | 3                     | 6              | 0.11            |
| J46406    | 3/32      | 3                     | 6              | 0.11            |
| J46407    | 7/64      | 3                     | 6              | 0.11            |
| J46408    | 1/8       | 3                     | 6              | 0.14            |
| J46409    | 9/64      | 3                     | 6              | 0.14            |
| J46410    | 5/32      | 3                     | 6              | 0.32            |
| J46412    | 3/16      | 4                     | 6              | 0.32            |
| J46414    | 7/32      | 4                     | 6              | 0.63            |
| J46416    | 1/4       | 4                     | 6              | 0.82            |
| J46420    | 5/16      | 6                     | 6              | 0.89            |
| J46424    | 3/8       | 6                     | 6              | 0.90            |



# **6 PIECE METRIC T-HANDLE HEX KEY SET**

# Product #: J4969

▶ Weight (lbs): 1.00

| Contents | Size (mm) | Handle<br>Length (in) | Length (in) | Weight (lbs) |
|----------|-----------|-----------------------|-------------|--------------|
| J46508   | 2         | 3                     | 6           | 0.11         |
| J46510   | 2.5       | 3                     | 6           | 0.13         |
| J46512   | 3         | 3                     | 6           | 0.13         |
| J46514   | 4         | 3                     | 6           | 0.14         |
| J46516   | 5         | 4                     | 6           | 0.32         |
| J46518   | 6         | 4                     | 6           | 0.62         |



# **T-HANDLE HEX KEYS - METRIC**

| Product # | Size (mm) | Length (in) | Weight<br>(lbs) |
|-----------|-----------|-------------|-----------------|
| J46508    | 2         | 6           | 0.11            |
| J46510    | 2.5       | 6           | 0.13            |
| J46512    | 3         | 6           | 0.13            |
| J46514    | 4         | 6           | 0.14            |
| J46516    | 5         | 6           | 0.32            |
| J46518    | 6         | 6           | 0.62            |
|           |           |             | =               |







# **9 PIECE FOLDING HEX KEY SET**

#### Product #: J4993CG

| Hex Size<br>(in) | Set Screws  | Fits Cap Screws<br>1960 Series | Cap Screws<br>1936 Series |
|------------------|-------------|--------------------------------|---------------------------|
| 5/64             | #8          | #2, #3                         | #3, #4                    |
| 3/32             | #10, #12    | #4, #5                         | #5, #6                    |
| 7/64             | _           | #6                             | -                         |
| 1/8              | 1/4"        |                                | #8                        |
| 9/64             | _           | #8                             | -                         |
| 5/32             | 5/16"       | #10                            | #10                       |
| 3/16             | 3/8"        | 1/4"                           | 1/4"                      |
| 7/32             | 7/16"       | -                              | 5/16"                     |
| 1/4              | 1/2", 9/16" | 5/16"                          | -                         |

**ASME B18.3** 

- ▶ Case is 4-1/4" long.
- ▶ Black oxide bits are 1-7/16" to 2-3/4" long.
- Cushioned palm grip for comfort.
- > Weight (lbs): 0.47



# **9 PIECE FOLDING HEX KEY SET**

# **Product #: J4978**

| Hex Size<br>(in) | Set<br>Screws | Fits Cap Screws<br>1960 Series | Cap Screws<br>1936 Series |
|------------------|---------------|--------------------------------|---------------------------|
| .050             | #3, #4        | #0                             | #0, #1                    |
| 1/16             | #5, #6        | #1                             | #2                        |
| 5/64             | #8            | #2, #3                         | #3, #4                    |
| 3/32             | #10, #12      | #4, #5                         | #5, #6                    |
| 7/64             | -             | #6                             | -                         |
| 1/8              | 1/4           | -                              | #8                        |
| 9/64             | _             | #8                             | -                         |
| 5/32             | 5/16          | #10                            | #10                       |
| 3/16             | 3/8           | 1/4                            | 1/4                       |

- ▶ Chrome plated steel case is 3-5/8" long.
- ▶ Black oxide bits are 1-1/2" to 2" long.
- > Weight (lbs): 0.27



# **9 PIECE FOLDING HEX KEY SET**

#### **Product #: J4993**

| Hex Size<br>(in) | Set<br>Screws | Fits Cap Screws<br>1960 Series | Cap Screws<br>1936 Series |
|------------------|---------------|--------------------------------|---------------------------|
| 5/64             | #8            | #2, #3                         | #3, #4                    |
| 3/32             | #10, #12      | #4, #5                         | #5, #6                    |
| 7/64             | -             | #6                             | -                         |
| 1/8              | 1/4           | _                              | #8                        |
| 9/64             | -             | #8                             | -                         |
| 5/32             | 5/16          | #10                            | #10                       |
| 3/16             | 3/8           | 1/4                            | 1/4                       |
| 7/32             | 7/16          | _                              | 5/16                      |
| 1/4              | 1/2, 9/16     | 5/16                           | -                         |

- ▶ Chrome plated steel case is 4-1/2" long.
- ▶ Black oxide bits are 1-7/16" to 2-3/4" long.
- Weight (lbs): 0.47







# **8 PIECE FOLDING HEX KEY SET**

# Product #: J4992CG

| Hex Size<br>(in) | Set<br>Screws | Fits Cap Screws<br>1960 Series | Cap Screws<br>1936 Series |
|------------------|---------------|--------------------------------|---------------------------|
| .050             | #3, #4        | #0                             | #0, #1                    |
| 1/16             | #5, #6        | #1                             | #2                        |
| 5/64             | #8            | #2, #3                         | #3, #4                    |
| 3/32             | #10, #12      | #4, #5                         | #5, #6                    |
| 7/64             | -             | #6                             | -                         |
| 1/8              | 1/4           | _                              | #8                        |
| 9/64             | -             | #8                             | -                         |
| 5/32             | 5/16          | #10                            | #10                       |
|                  |               |                                | A CNAF DA O O             |

**ASME B18.3** 

- Case is 3" long.
- ▶ Black oxide bits are 1-1/4" to 1-15/16" long.
- Cushioned palm grip for comfort.
- > Weight (lbs): 0.18





# **8 PIECE FOLDING HEX KEY SET**

#### **Product #: J4992**

| Hex Size<br>(in) | Set<br>Screws | Fits Cap Screws<br>1960 Series | Cap Screws<br>1936 Series |
|------------------|---------------|--------------------------------|---------------------------|
| .050             | #3, #4        | #0                             | #0, #1                    |
| 1/16             | #5, #6        | #1                             | #2                        |
| 5/64             | #8            | #2, #3                         | #3, #4                    |
| 3/32             | #10, #12      | #4, #5                         | #5, #6                    |
| 7/64             | -             | #6                             | -                         |
| 1/8              | 1/4           | _                              | #8                        |
| 9/64             | _             | #8                             | -                         |
| 5/32             | 5/16          | #10                            | #10                       |

▦ **ASME B18.3** 

- ▶ Chrome plated steel case is 3" long.
- ▶ Black oxide bits are 1-1/4" to 1-5/16" long.
- Weight (lbs): 0.18



# **6 PIECE FOLDING CUSHION GRIP HEX KEY SET**

# Product #: J4996CG

- Case is 5-1/2" long.
- Cushioned palm grip for comfort.
- ▶ Weight (lbs): 0.24

#### Hex Size (in)

| 5/32 |  |  |  |
|------|--|--|--|
| 3/16 |  |  |  |
| 7/32 |  |  |  |
| 1/4  |  |  |  |
| 5/16 |  |  |  |
| 3/8  |  |  |  |





# 8 PIECE LONG FOLDING HEX KEY SET

# **Product #: J4991**

| Hex Size (in) | Set<br>Screws | Fits Cap Screws<br>1960 Series | Cap Screws<br>1936 Series |
|---------------|---------------|--------------------------------|---------------------------|
| 3/32          | #10, #12      | #4, #5                         | #5, #6                    |
| 7/64          | _             | #6                             | _                         |
| 1/8           | 1/4           | -                              | #8                        |
| 9/64          | _             | #8                             | _                         |
| 5/32          | 5/16          | #10                            | #10                       |
| 3/16          | 3/8           | 1/4                            | 1/4                       |
| 7/32          | 7/16          | -                              | 5/16                      |
| 1/4           | 1/2, 9/16     | 5/16                           | _                         |

- ▶ Chrome plated steel case is 5-1/4" long.
- Black oxide bits are 4" long.
- > Weight (lbs): 0.61



# **5 PIECE LONG FOLDING HEX KEY SET**

#### Product #: J4994

| Hex Size<br>(in) | Set<br>Screws | Fits Cap Screws<br>1960 Series | Cap Screws<br>1936 Series |
|------------------|---------------|--------------------------------|---------------------------|
| 3/16             | 3/8           | 1/4                            | 1/4                       |
| 7/32             | 7/16          | _                              | 5/16                      |
| 1/4              | 1/2, 9/16     | 5/16                           | -                         |
| 5/16             | 5/8           | 3/8                            | 3/8, 7/16                 |
| 3/8              | 3/4           | 7/16, 1/2                      | 1/2, 9/16                 |

- ▶ Chrome plated steel case is 5-1/4" long.
- ▶ Black oxide bits are 2-7/16" to 3-1/4" long.
- Weight (lbs): 0.83



M ETRIC

M ETRIC

# **7 PIECE METRIC LONG FOLDING HEX KEY SET**

# Product #: J4974CG

| Hex Size (mm) | Length (in) |               |
|---------------|-------------|---------------|
| 1.5           | 3           |               |
| 2             | 3           |               |
| 2.5           | 3           |               |
| 3             | 3           |               |
| 4             | 3           |               |
| 5             | 3           |               |
| 6             | 3           |               |
|               | =           | ASME B18.3.2M |

- Case is 3-1/2" long.
- Cushioned palm grip for comfort.
- Weight (lbs): 0.31



# **6 PIECE METRIC LONG FOLDING HEX KEY SET**

# Product #: J4973CG

| Hex Size (mm) | Length (in) |
|---------------|-------------|
| 3             | 3           |
| 4             | 3           |
| 5             | 3           |
| 6             | 3           |
| 8             | 3           |
| 10            | 3           |

ASME B18.3.2M

- Case is 6-1/2" long.
- ▶ Black oxide bits are 3" long.
- Cushioned palm grip for comfort.
- > Weight (lbs): 0.84







# **7 PIECE METRIC FOLDING HEX KEY SET**

# M ETRIC

# **Product #: J4974**

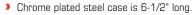
| Hex Size (mm) | Length (in) |
|---------------|-------------|
| 1.5           | 3           |
| 2             | 3           |
| 2.5           | 3           |
| 3             | 3           |
| 4             | 3           |
| 5             | 3           |
| 6             | 3           |

- ▶ Chrome plated steel case is 3-1/2" long.
- ▶ Black oxide bits are 3" long.
- ▶ Weight (lbs): 0.31



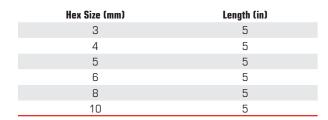
# **6 PIECE METRIC LONG FOLDING HEX KEY SET**

**Product #: J4973** 



- ▶ Black oxide bits are 5" long.
- > Weight (lbs): 0.84





# **8 PIECE TORX® FOLDING HEX KEY SET**

# Product #: J4979TXCG

- Cushioned palm grip for comfort.
- ▶ Weight (lbs): 0.45

| Torx® Size | Length (in) |
|------------|-------------|
| T9 - T40   | 3           |





#### Product #: J4979TX

Weight (lbs): 0.45

| Torx® Size | Length (in) |
|------------|-------------|
| T9         | 2-1/4       |
| T10        | 2-3/8       |
| T15        | 2-9/16      |
| T20        | 2-5/8       |
| T25        | 2-3/4       |
| T27        | 2-7/8       |
| T30        | 3           |
| T40        | 3-1/8       |







